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## PURPOSE AND FUNCTION OF SCHOOL HEALTH RECORDS

By EARL E. KLEINSCHMIDT, M. D., *Department of Hygiene and Public Health, University of Michigan*

An inquiry into school health records and systems of record-keeping in various school health services in this country reveals a wide diversity of methods. One can scarcely find two cities with similar systems; yet, in principle, there may be considerable correlation. Undoubtedly much of this is due to the tendency of many school systems to adopt record forms and systems of record-keeping found practical in the older school health services in the East, notably those in cities in New York and Massachusetts. To enumerate and describe record systems now in use would require considerable space. It is proposed instead, in this short discussion, to review in principle the purposes of school health records, to summarize briefly source materials, and to state some of the writer's experiences in setting up purposes and methods of record keeping in the furtherance of accepted objectives of a school health program.

Any social activity, whether it be that of a school health service or a particular business, must have a record system to aid in furthering its objectives and measuring the results of its activities. Much of the success of school health work, its administrative control, results obtained, and tabulation of valuable statistics, depend on the merits of the record system. It is to school health work what careful bookkeeping is to the merchant. Adequate health records are the medium of cooperation between school physician, nurse, teacher, and parent. It, therefore, behooves the director of health activities to facilitate this cooperation between all parties concerned.

Inasmuch as school health work, to a large extent, centers around the school health-examination program and its relationship to the health instruction and supervisory programs, much of this discussion must necessarily be based thereon. To carry out an adequate school health examination, the school physician must establish purposes, standards, and techniques, by which the public may judge the nature of his activities. It is his standards, after all, which determine the effectiveness of school medical work, although it is realized that many school physicians have no voice in the matter.

In States having mandatory school health legislation the nature of the school physician's activities and the record systems are, to a large extent, determined for him by the nature of the legislation.

How closely he follows the implications of the legal statutes depends on their nature, i. e., whether they are mandatory or permissive. Obviously the best correlation of school health methods can eventuate only when comprehensive permissive laws are established for the whole field of school health supervision in all States.

By virtue of the fact that the school health program is primarily informative or educational in nature, any system of records must serve both educational and scientific ends. Their function must be broad enough to fit in with the broad purposes of education and yet permit of reasonable scientific comparisons. Generally speaking, school health examinations are no longer being performed in a hurried mass-production style, a method which is distasteful to the well-trained physician. Hence record systems must be adequate for more careful examinations. There are still, however, many limitations to careful work by the school physician. Lack of sufficient health history, of necessary clinical data as results of laboratory tests, and often inadequate clinical facilities make for poor results of school medical work. Despite these drawbacks one cannot overlook the many educational values of carefully kept records of available health information.

School health records are a functional part of school systems which aim to carry out in practice the objectives of modern education. In these schools classroom teachers are copartners with physician and nurses in the school health program. Health information, brought to light by the school physician concerning the student body, constitutes an important index of progress and is valued accordingly by these teachers who are alert to the meaning of health in education. The difficulty in many systems lies in the multiplicity of duties which results for the school physician in furnishing this information to all parties concerned.

Perhaps one of the greatest dangers besetting the school physician is the possibility of his becoming a pure routinist, because of the circumstances imposed upon him. The novelty of examining hundreds of well children soon wears off; and, unless he keeps careful scientific records, his work becomes mere drudgery and his objective approach to school health problems becomes obscured.

Anyone proposing to inquire into this problem of school health records will be amazed at the host of methods in current use. The textbooks of Wood and Rowell, Gulick and Ayres, Newmayer, Cornell, and others dealing with school-health methods offer the student of this subject invaluable help. A search of current literature, on the contrary, reveals a dearth of material. Perhaps this is as it should be. It portrays a picture of conservatism, yet it is open to criticism on the grounds that it prevents adequate discussion and perhaps improvement as a result of such discussion.

A committee (1) of the American Public Health Association has set forth its ideas in the form of a card which was suggested for experimental use in 1928, but to the writer's knowledge no further studies have been carried out to ascertain effectiveness of this record form. The forms and methods advocated by the American Child Health Association, the National Organization of Public Health Nursing, the American Medical Association, State departments of health, and various individual school physicians have their respective merits. But do they satisfy both educational and medical needs? The same question might be raised in regard to the many valuable contributions of leading school-health services.

It is not the writer's purpose to offer criticism of particular record systems, nor to extol others, nor even to hint at a solution of the problems raised. Admittedly these are problems for individuals of wide experience in school health work. They call for the combined judgment of school physicians, teachers, and perhaps individuals having practical knowledge of the business side of record systems. For the past 3 years it has been the writer's privilege to be a member of a school health committee of the Ann Arbor public schools whose task it was to evolve a health program which conformed to the newer philosophy of health education (2). The system which was being changed had stood the test of 29 years. It apparently fitted in well with the older methods, but failed miserably in the newer conceptions of education.

The work of this committee, consisting of school administrators, teachers, nurse, and physician, presented a combined lay and medical approach to the problem. The results of this cooperative thinking must therefore be looked upon accordingly. Compromises by teacher and physician became inevitable. As would be expected, newer objectives in education were looked upon rather hesitatingly by the educators when considered from the standpoint of practical application.

Briefly, the work of this committee resulted in the formulation of general purposes of basic school health activities and methods of procedure. These are set forth below:

#### I. Cumulative Health Record:

##### Purpose:

1. To encourage and educate parents, teachers, and pupils in positive methods of health promotion.
2. To provide a means for guiding and directing the child's growth and development from kindergarten through high school.

##### Method:

1. The record form, consisting of health history and examination blanks, is supplied the parents prior to the entrance of their child into school, with instructions to have the child examined by the family physician. Those unable to have this done are taken care of at school. All new pupils are given like instructions.

**I. Cumulative Health Records—Continued.**

**Method—Continued.**

2. Parents are invited to school examinations in the kindergarten, fourth, and seventh grades. Histories are kept up to date by nurse-parent conferences or by pupil conferences.
3. Public relations are fostered by including a prefatory note on each health record explaining the purpose of school health records, services offered by school health personnel, and the desirability of periodic health examinations.

**II. Health Record to Teacher:**

**Purpose:**

1. To convey to the teacher the results of the examination in such terms as to be useful to her in guiding the physical and mental growth of her pupils.

**Method:**

1. A single record made out in triplicate in lay language by the school physician on the day of examination. Immediately following the examination, these are placed in the hands of the classroom teacher, physical education teacher, and nurse, respectively, thus permitting conferences on the same day.

**III. Teacher Guidance Chart:**

**Purpose:**

1. To stimulate the teacher to take an active interest in the health of pupils in her classroom.
2. To encourage the teacher to look for deviations from the normal and bring them to the attention of the school physician.

**Method:**

1. A checking list group summary form which is filled out by the teacher with the data supplied her from the Health Record to Teacher and with data accumulated from personal observance of pupils.
2. Space is provided for checking defects corrected. Teacher and nurse are thus brought into close relationship, since both are interested in securing early corrections.

**IV. Medical Record:**

**Purpose:**

1. To provide a concise record of deviations from the normal for statistical purposes.

**Method:**

1. A single record made out in duplicate at the time of examinations, one copy remaining in the pupil's record and the other kept at the central office.
2. Defects are recorded in brief medical terminology.

**V. Letter to Parents:**

**Purpose:**

1. To convey to the parent the results of the school health examination.
2. To provide a means for interesting the parent in school health problems.

**Method:**

1. A brief typewritten letter containing a statement of findings, recommendations, suggestions as regards immunization, and a paragraph devoted to the policy of the school in regard to health service and education.

V. Letter to Parents—Continued.

Method—Continued.

2. Additional mimeographed literature is enclosed to aid the parent in understanding the nature of the defect discovered and particularly what is to be done. No mention is made of medical or surgical treatment.

VI. Follow-up Record:

Purpose:

1. To stimulate the school nurse to secure corrections, if possible, and assist those parents in need of help.

Method:

1. A single sheet containing a list of children having defects of 3 or 3+ severity, with space for recording results of follow-up.

(To be filled out by parent, returned to school health authorities and held as confidential.)

School Central High **Ann Arbor Public Schools** Pupil's N<sup>o</sup> **6679**  
**Division of School Health**

October 18 1934

In the matter of school health the school authorities feel sure that parents readily see the need of an exchange of information between the school and the home. Accurate diagnosis of a child's health without knowledge of his previous health history is practically impossible for a physician. With the cooperation of the parent, all efforts on the part of the school health service immediately become more efficient from the standpoint of both the school and the home. This record merely covers the most essential facts needed by the school physician and these facts can only be supplied by the parent.

Individual Health Facts About Kenneth Blank  
 Street E. Jefferson Num'ber 415 Phone No. 6025  
 (Pupil's Name)  
 Age: Yrs 18, Mos 1 Sex male Date of Birth Sept 29, 1916 Grade 11A  
 Nationality English Health: good X, fair \_\_\_\_\_, poor \_\_\_\_\_ Family Physician J. B. Jones  
 No. of children in family 3 Brothers \_\_\_\_\_ Sisters 2 Was child first born in family for second? first  
 Father's Name John Blank Age 45  
 If dead, age of death \_\_\_\_\_ Cause \_\_\_\_\_  
 Father's birthplace East Ave, Michigan  
 Health: Good X, Fair \_\_\_\_\_, Poor \_\_\_\_\_ Nationality English  
 Mother's Name Elizabeth Blank Age 43 If dead, age at death \_\_\_\_\_ Cause \_\_\_\_\_  
 Mother's Birthplace Detroit, Michigan  
 Health: Good X, Fair \_\_\_\_\_, Poor \_\_\_\_\_ Nationality Swedish-English  
 Guardian's Name \_\_\_\_\_ Age \_\_\_\_\_  
 Relation to pupil \_\_\_\_\_ Number of Brothers and Sisters Dead none

INFORMATION REGARDING BIRTH AND INFANCY

Born at full term yes premature \_\_\_\_\_ labor \_\_\_\_\_ Instruments used \_\_\_\_\_  
 Weight at birth 7.1 lbs Breast fed yes Number of Months 10 months  
 Mixed feeding \_\_\_\_\_ Artificial (kind) \_\_\_\_\_ Convulsions none Hemorrhages none  
 First tooth at 5 mos. Walked at 14 mos. Talked at 10 mos. First sat erect 6 mos

DISEASES OF BIRTH, INFANCY AND YOUTH

Check (✓) disease and give age at which it occurred.

Measles <input checked="" type="checkbox"/> Age <u>6</u>	Diphtheria <input type="checkbox"/> Age _____	Infantile paralysis <input type="checkbox"/> Age _____
Croup <input type="checkbox"/> _____	Scarlet fever <input type="checkbox"/> _____	Epilepsy (convulsions) <input type="checkbox"/> _____
Dysentery <input type="checkbox"/> _____	Smallpox <input type="checkbox"/> _____	Heart Disease <input type="checkbox"/> _____
Typhoid <input type="checkbox"/> _____	Whooping cough <input checked="" type="checkbox"/> <u>5</u>	Bone or joint disease <input type="checkbox"/> _____
Mumps <input checked="" type="checkbox"/> <u>8</u>	Pneumonia <input type="checkbox"/> _____	Kidney Disease <input type="checkbox"/> _____
Influenza <input type="checkbox"/> _____	Chickenpox <input type="checkbox"/> _____	Enlarged glands <input type="checkbox"/> _____
Pleurisy <input type="checkbox"/> _____	German measles <input type="checkbox"/> _____	Skin disease <input type="checkbox"/> _____
Goiter <input type="checkbox"/> _____	Hay fever <input type="checkbox"/> _____	Rheumatism <input type="checkbox"/> _____
Eczema <input type="checkbox"/> _____	Bronchitis <input type="checkbox"/> _____	Chorea (St. Vitus) <input type="checkbox"/> _____
Tonsilitis <input checked="" type="checkbox"/> <u>9</u>	Appendicitis <input type="checkbox"/> _____	Otitis (earache) <input checked="" type="checkbox"/> <u>2-3</u>

PHYSICAL COMPLAINTS

(Indicate with check mark (✓) if complaint is or has been a factor causing disturbance of health. Next indicate in column adjacent the age when complaint was first noticed. If no longer noticed by pupil indicate with small letter d after age).

Growing pains	<input checked="" type="checkbox"/>	14	Shortness of breath	<input type="checkbox"/>	
Indigestion	<input type="checkbox"/>		Nose bleeds (frequent)	<input type="checkbox"/>	
Constipation	<input type="checkbox"/>		Hard of hearing	<input type="checkbox"/>	
Poor appetite	<input type="checkbox"/>		Blurred vision	<input checked="" type="checkbox"/>	16
Headaches	<input checked="" type="checkbox"/>	12d	Aching eyes	<input checked="" type="checkbox"/>	16
Abdominal pain	<input type="checkbox"/>		Repeated styes	<input type="checkbox"/>	
Palpitation (fast heart)	<input type="checkbox"/>		Skin eruptions	<input type="checkbox"/>	
Frequent urination (day)	<input type="checkbox"/>		Convulsions	<input type="checkbox"/>	
Frequent urination (night)	<input type="checkbox"/>		Backache	<input type="checkbox"/>	
Weakness	<input type="checkbox"/>		Persistent pain (anywhere)	<input type="checkbox"/>	
Nausea	<input type="checkbox"/>		Limp (gait)	<input type="checkbox"/>	
Fainting spells	<input type="checkbox"/>		Hernia	<input type="checkbox"/>	
Ringing ears	<input type="checkbox"/>		Vomiting spells	<input type="checkbox"/>	
Frequent colds	<input checked="" type="checkbox"/>	10d	Dizziness	<input type="checkbox"/>	
Persistent cough	<input type="checkbox"/>		Speech difficulty	<input type="checkbox"/>	

PHYSICAL BEHAVIOR

(Indicate with check mark (✓) if present or has been noticed in the past. In line adjacent indicate approximate age when the particular form of behavior was first noticed. If habit has disappeared indicate with small letter d).

Thumb sucking	<input checked="" type="checkbox"/>	1d	Tires easily	<input type="checkbox"/>	
Bed wetting	<input type="checkbox"/>		Nail-biting	<input type="checkbox"/>	
Tics (Muscle jerking)	<input type="checkbox"/>		Nose-picking	<input type="checkbox"/>	
Masturbation	<input type="checkbox"/>		Sleep-walking	<input type="checkbox"/>	
Under active	<input type="checkbox"/>		Odd gait	<input type="checkbox"/>	
Speech difficulty	<input type="checkbox"/>		Mouth breather	<input type="checkbox"/>	
Odd posture	<input type="checkbox"/>		Sores	<input type="checkbox"/>	
Overactive	<input type="checkbox"/>		Left handed	<input type="checkbox"/>	

MENTAL BEHAVIOR

(Indicate with check mark (✓) in respective columns headed by a yes (Y) or no (N) if condition is or is not a factor in pupil's mental behavior. If condition is very pronounced indicate with a check mark in column headed by the letter (V). If condition has disappeared indicate with a small letter d in column (V).

	Y	N	V		Y	N	V		Y	N	V
Cheerful	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temper outbursts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Night terrors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worries	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Well behaved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accepts authority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timid	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Moody	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stubborn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trustful	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Defiance to discipline	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emotionally calm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Truant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unpopular with children	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Self conscious	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ambitious	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slovenly	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Phobias	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nervous	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Persistent	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Day dreams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Selfish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Suspicious	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fearsome	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Easily discouraged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Suggestible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bashful	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Likes friends	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dreamer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**HEALTH INFORMATION REGARDING MEMBERS OF FAMILY**

(Check the following diseases which have occurred among pupil's relatives: GM-grandmother; GF-grandfather; M-mother; F-father; S-sister; B-brother; A-aunt; U-uncle. In case of death give age of relative at death.

DISEASE	GM	GF	M	F	S	B	A	U	DISEASE	GM	GF	M	F	S	B	A	U	
Alcoholism									Heart disease									✓
Apoplexy									Kidney (Bright's)									
Asthma									Nervous Breakdown									
Hay fever		✓			✓				Rheumatism									
Cancer									Tendency to bleed									
Diabetes									Tuberculosis									
Epilepsy									Anemia									
Goiter									High blood pressure	✓								
Mental Disease									Eczema									

**CONTAGIOUS DISEASE PROTECTION RECORD**

(Indicate with a check mark (✓) if pupil has been protected against the following preventable diseases and year when protection was last received).

- Smallpox vaccination (successful).....; (unsuccessful).....
- Diphtheria (two injections) .....; Schick test after injections—positive (unprotected).....  
negative (protected).....
- Typhoid (three injections).....; Scarlet fever (five injections).....
- Dick test—positive.....; negative.....  
(unprotected).....(protected)

**SPECIAL DISEASE HISTORY**

Has the pupil or anyone in the immediate family come in contact with anyone known to have tuberculosis? Yes  
 Has the pupil been tested for the presence of tuberculosis by the use of the tuberculin test? Yes When 1928  
 X-ray of Chest?..... When.....

**OPERATIONS FOR**

		Date		Date
Tonsils	—	<input checked="" type="checkbox"/> .....19.25	..... <input type="checkbox"/>	.....19.....
Adenoids	—	<input checked="" type="checkbox"/> .....19.25	..... <input type="checkbox"/>	.....19.....
Appendix	—	<input type="checkbox"/> .....19.....	..... <input type="checkbox"/>	.....19.....
Circumcision	—	<input checked="" type="checkbox"/> .....19.16	..... <input type="checkbox"/>	.....19.....

**INJURIES**

(Indicate cause, nature of, and age when received)

1. Broken arm - fell from limb of apple tree - 8 yrs old
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**MENSTRUAL HISTORY (Girls Over 10 Years)**

Menstruation began at \_\_\_\_\_ yrs. Regular \_\_\_\_\_ Irregular \_\_\_\_\_

It occurs every \_\_\_\_\_ days; it lasts \_\_\_\_\_ days

Discharge between periods (Leucorrhoea) \_\_\_\_\_

**SPECIAL REQUEST OF PARENT OR GUARDIAN**

The program of the division of school health is organized for the health promotion of the student body. It has for its primary purpose the furtherance of physical, mental and social health education. In order to carry out these aims there have been provided such services as (1) health examination of children in certain specified grades (2) nurse inspection of intervening grades (3) special examination of pupils competing in athletics, special examination of pupils at request of parents or teachers, special examinations during epidemic of contagious diseases (4) provision for parent-teacher consultation with school physician (5) home visitation by school health nurses.

Please indicate below any special examination desired concerning pupil, also any health problems which the physician may aid in solving.

*Examination of eyes - they seem to bother  
him at times.*

**ANNUAL HEALTH EXAMINATION**

It is the desire of the school health authorities that whenever possible parents provide for annual health examinations by the family physician and that these records be filed with the child's health record by the school health authorities. Blanks will be provided on request.

It is generally agreed by those people most concerned with health problems that the annual health examination is desirable for all people. The information revealed by the examination makes it possible to take simple, effective, and inexpensive preventive measures. Many diseases in their early stages give no warning by sickness or pain. However, the examination can reveal early signs of danger. Will parents adopting a policy of annual examination please check below?

*Mrs. John Blank*  
(Parent's Signature)



(To be filled out by physician or nurse)

ANN ARBOR PUBLIC SCHOOLS  
DIVISION OF SCHOOL HEALTH

Pupil's No. 6679

Pupil's Name Kenneth Blank Address 415 E. Jefferson St Ward 2nd

Date of birth 9-29-16 Age: Years 18 Mos. 1

Phone 6025 Grade 11A

Health Rating—( ' ) ( ' ) ( ' ) ( ' ) ( ' ) ( ' ) Intelligence Rating \_\_\_\_\_ Social Rating \_\_\_\_\_

Date	M.D.				C.R.N.				M.D.				C.R.N.				M.D.				C.R.N.				Date	Special Examinations, first aid, immunizations, etc.
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
1. Height (inches)	54																									
2. Weight (pounds)	125																									
3. % over (+) or under (-)																										
4. Vision—L	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/		
(R)—R	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/	20/		20/	20/		
5. Color	20/20	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/	20/		
6. Audition—L																										
(R)—R																										
7. Posture																										
8. Reflexes																										
9. Skin																										
10. Scalp																										
11. Hair																										
12. Ocular ear																										
13. Nose																										
14. Mouth																										
15. Teeth																										
16. Gums																										
17. Tongue																										
18. Throat																										
19. Pharynx																										
20. Thyroid																										
21. Glands																										
a. Cervical																										
b. Axillary																										
c. Inguinal																										
22. Throat																										
23. Lungs																										
24. Heart																										
a. size																										
b. rate																										
c. sounds																										
d. rhythm																										
25. Abdomen																										
a. muscle tone																										
b. organs																										
c. intestine																										
d. tenderness																										
26. Arms																										
27. Legs																										
28. Genitals																										
29. Feet—L																										
(R)—R																										
30. Hygiene																										
a. physical																										
b. mental																										
31. H. habits																										
32. H. attitudes																										
33. H. knowledge																										
34. Bl. pressure																										
35. Const. type																										
SPECIAL:																										
36. Larynx																										
37. Pharynx																										
38. Pusils																										
39. Nares																										
40. Ear drum																										
41. Reflexes																										
42. Disease protection																										
a. Diphtheria																										
b. Scarlatina																										
c. Scarlet fever																										
d. Tuberculosis																										
TOTAL .....																										

M.D.—Health Examination by physician  
E.N.—Health Inspection by nurse  
C—Correction obtained  
Form Present ( ) ( ) ( ) ( ) ( ) ( )

Physician	Date
<u>E. J. J.</u>	<u>10-2-35</u>

Form A-100

Fl. 10-200-0-32

ANN ARBOR PUBLIC SCHOOLS  
DEPARTMENT OF SCHOOL HEALTH

Report to Teachers

Pupil Kenneth Blank Date of Examination 10-18-34  
No. 6679 School Central High Teacher Smith

Checking List*				Advice concerning	
	P	N	?		
Vision	✓			Audition	✓
Nutrition		✓		Heart	✓
Teeth		✓		Hygiene	✓
Tonsils		✓		Tuberculosis	✓
				Contact	✓

1. Activity:  
 unrestricted   
 moderate .....  
 very restricted .....  
 2. Rest no  
 Was parent present? No

Explanation and treatment suggestions to teachers:

*1. Marked visual deficiency in both eyes.  
2. Deformity of cartilage within the nose*

Advice given to parent:

*Same*

ESH  
School Physician

Teacher plan of guidance

EXPLANATION  
P—POSITIVE  
N—NEGATIVE  
?—QUESTIONABLE



INSTRUCTIONS FOR USING THIS FORM

Spaces marked "T" are to be checked by teacher as soon as a defect is discovered or whenever the teacher becomes conscious that some health problem exists.

Spaces marked "P" are to be checked after the teacher has referred the case to the school physician and an examination has been made.

Spaces marked "C" are to be marked when a defect has been corrected or when treatment has begun.

Spaces marked "Recheck" are to be used whenever the school physician advises a periodic check up. A figure should be placed in the space to indicate frequency interval.

Blank spaces are to be used for defects not included in the list.

Spaces marked "remarks" are to be used by the teacher or physician for any significant reminders, or for any special program adjustments which are being made for the particular child.

(Reverse of Form III).

Pupil Kenneth Blauk  
No. 6679

Date 10-18-34

Ann Arbor Public Schools  
DEPARTMENT OF SCHOOL HEALTH  
Medical Records

1. V. A. 20/40 (L + R)  
2. Div nasal septum

## ANN ARBOR PUBLIC SCHOOLS

OTTO W. HABLEY, SUPERINTENDENT

ANN ARBOR, MICHIGAN

EARL E. HANCOCK, M. S., M. D.  
MEDICAL DIRECTOR

October 19, 1934

Mr. John Blank  
415 E. Jefferson St.  
Ann Arbor, Michigan

Dear Mr. Blank:

This is to notify you of the results of the health examination given your son, Kenneth, at the high school recently.

The examination revealed him to be in apparent good health. There were several findings, however, of importance at this time. These deserve consideration inasmuch as they may affect his future health. These consist of the following:

1. Marked visual deficiency (both eyes)
2. Deviated nasal septum (deformity of the cartilage within the nose)

Our only suggestion as regards disease protection would be another tuberculin test, to detect the presence or absence of incipient tuberculosis.

School authorities are most desirous of keeping the student body in good health. This, of course, is possible only if home and school cooperate to the fullest degree in health matters. For this reason, we ask you to give this letter your careful consideration. Should there be any questions pertaining to the results of the examination, the school nurse will gladly call and explain them to you.

We trust that this report will be of value in informing you of your son's present condition.

Very sincerely,

Division of School Health  
ANN ARBOR PUBLIC SCHOOLS

EKK:MH

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School Physician

Form V (a).—Letter to Parents.

NOTE TO PARENTS

Height	
Weight	
% over	
% under	
Vision (lens) L	
	R
(no lens) L	
	R
Color vision	
Audition	L
	R
Posture	
Nutrition	
Skin	
Scalp	
Eye	
Outer ear	
Nose	
Mouth	
Teeth	
Gums	
Tongue	
Tonsils	
Pharynx	
Thyroid	
Glands	
Thorax	
Lungs	
Heart	
Abdomen	
Arms	
Legs	
Feet	
Mental hygiene	
Physical "	
Health habits	
" attitudes	
" knowledge	
Blood pressure	
Constit. type	
SPECIAL	
Larynx	
Fundus	
Nares	
Ear drum	
Reflexes	
Immuniz.(diph.)	
(smallpox)	
Tuberculin test	

The Health Examination is included in the school curriculum primarily to give the pupil an experience in health education. We are trying to build a better race of people. To do this it becomes necessary to prevent the occurrence of disease as far as possible by educating children in the essentials of healthy living. We believe that regular attention to their health needs is a desirable means of reaching this goal.

Our present set-up calls for an examination of children in the kindergarten, fourth, seventh, tenth, and twelfth grades by the school physician. Reports are sent following each examination in case you are unable to be present. Children in the intervening grades are inspected each year by the nursing staff.

Cumulative records of all findings and suggestions are kept for each pupil. We ask your cooperation in keeping them up to date. These are available at all times and may be taken to the family physician for periodic examinations. All health information is treated as confidential and records are kept in steel files. At the time of graduation from high school the complete record is presented to the graduate. When moving out of the city parents may have the records for transfer to the new school.

The content of the school health examination differs from that given by the family physician in that it does not include, for example, blood tests, urinalysis, X-Ray examination, a tuberculin test, or whatever specific laboratory test of organic function may be deemed necessary. The school health examination does, however, include a careful examination of the items listed in the chart at the left. The time allotment given each child is necessarily limited. Most difficult of all is the fact that these examinations must frequently be conducted without your presence. We therefore encourage you to attend whenever possible, inasmuch as a physician's judgment depends on accurate first-hand knowledge from the parent of the child's health habits as concerns eating, resting, his past diseases, and his complaints.

The accompanying letter is a statement of findings noted and suggestions made in our examination. For a complete health examination including the various laboratory and clinical tests we suggest that you take your child each year to your family physician and dentist.

DIVISION OF SCHOOL HEALTH  
Ann Arbor Public Schools

Form V (b).

Follow-up Record  
(Defects of 3 or 3x Severity)

Name	Grade	Date Defect Discovered	Nature of Defect	Date of Correction	Remarks
<i>Kenneth Blank</i>	<i>11 A</i>	<i>10-18-34</i>	<i>1. V. O. 20% (L+R) 2. Dev. nasal septum</i>	<i>10-24-34</i>	<i>Will have nose operated on during Christmas vacation</i>

Form VI.—Follow-up Record.

School health records must serve useful ends. They must be purposive, educational, scientific, and practical. It is difficult to state which characteristic should be the most important. If they accomplish the purpose set up for them, it would appear that their value and use were justified.

The record system of the Ann Arbor public schools has served to advantage in bringing the teacher, nurse, and physician into a working relationship. As was revealed in the recent study (3) of the medical examination program of New York City, "success in the correction of defects does not depend upon the doctor or the nurse or the teacher alone. It is distinctly a cooperative job." Our program, we feel, has that characteristic.

In such a brief presentation it has been impossible to discuss adequately the records referred to. It is hoped, however, that enough material has been given the reader to make clear the problem and the method we have used to integrate the work of the health service with the entire school program.

#### REFERENCES

- (1) Report of Subcommittee on Record Forms—Tentative record forms for school health work. School Health Record Form 2. American Journal of Public Health, May 1929, Vol. XIX, No. 5, pp. 527-534.
- (2) Haisley, Otto W.: Adjusting health education to the newer trends in educational philosophy. Health and Public Education, October 1932, Vol. III, No. 8, pp. 14-17.
- (3) Physical defects—The pathway to correction. Published by the American Child Health Association. October 1934.

## STATE AND INSULAR HEALTH AUTHORITIES, 1934

### DIRECTORY, WITH DATA AS TO APPROPRIATIONS AND PUBLICATIONS

Directories of the State and insular health authorities of the United States for each year from 1912 to 1933, except 1932, have been published in the PUBLIC HEALTH REPORTS and reprinted as separates<sup>1</sup> for the information of health officers and others interested in public-health activities. The present directory (1934), like those previously issued, has been compiled from information furnished by the respective State and insular health officers, and includes data as to appropriations and publications.

Where an officer has been reported to be a "whole-time" health officer, that fact is indicated by an asterisk (\*). For this purpose a "whole-time" health officer is defined as "one who does not engage in the practice of medicine or in any other business, but devotes all of his time to official duties."

#### ALABAMA DEPARTMENT OF PUBLIC HEALTH

Board of censors of the medical association of the State of Alabama, acting as a State committee of public health:

- B. M. Miller, governor, ex-officio chairman, Montgomery.
- E. V. Caldwell, M. D., chairman, Huntsville.
- J. D. Perdue, M. D., Mobile.
- Fred W. Wilkerson, M. D., Montgomery.
- D. T. McCall, M. D., Mobile.
- M. S. Davie, M. D., Dothan.
- J. S. McLester, M. D., Birmingham.
- Lloyd Noland, M. D., Fairfield.
- George H. Searcy, M. D., Tuscaloosa.
- S. A. Gordon, M. D., Marion.
- C. A. Thigpen, M. D., Montgomery.

#### Executive health officer:

- \*J. N. Baker, M. D., State health officer, Montgomery.

#### Administrative assistant:

- \*D. L. Cannon, M. D., Montgomery.
- \*B. F. Austin, M. D., field adviser in county organization, Montgomery.
- \*Bessie A. Tucker, secretary to State health officer, Montgomery.

#### Financial secretary:

- \*G. S. Savage, Montgomery.

#### Registrar of vital statistics:

- \*Ethel Hawley, acting director, Montgomery.

#### Laboratories of the State board of health:

##### General director:

- \*James G. McAlpine, Ph. D., Montgomery.

##### Anniston branch:

- \*Mary Walker, Anniston.

##### Birmingham branch:

- \*George A. Denison, M. D., Birmingham.

##### Mobile branch:

- \*C. H. Waite, Mobile.

##### Tennessee Valley:

- \*C. C. Johnson, Decatur.

##### Tuscaloosa branch:

- \*Cannie Campbell, Tuscaloosa.

##### Selma branch:

- \*Cooper Brougher, Selma.

##### Dothan branch:

- \*Nellie K. Whitfield, Dothan.

##### Huntsville branch:

- \*Mrs. Buford Gatlin, Huntsville.

#### Sanitation:

##### Director:

- \*G. H. Hazlehurst, C. E., M. C. E., Montgomery.

##### Assistant engineers:

- \*H. G. Menke, B. C. E., Montgomery.
- \*C. C. Kiker, B. C. E., Montgomery.
- \*T. H. Milford, Montgomery.

##### Division of inspection:

- \*C. A. Abele, Ch. E., director, Montgomery.
- \*H. J. Thrasher, assistant director, Huntsville.
- \*F. D. Downs, dairy inspector, Montgomery.

#### Communicable disease control:

- \*D. G. Gill, M. D., D. P. H., director, Montgomery.

- \*Walton H. Y. Smith, M. D., C. P. H., assistant director, Montgomery.

- \*R. A. Brown, M. D., Montgomery.

- \*Myrtle Martin, R. N., Montgomery.

#### Division of public health nursing:

- \*Frances C. Montgomery, R. N., director, Montgomery.

- \*Margaret Murphy, R. N., Montgomery.

- \*Catherine Corley, R. N., Montgomery.

#### Appropriation for fiscal year ending September 30, 1933:

Annual appropriation for all health work, including county organization, \$400,000. (Subject to proration on basis of available revenue coming into the general fund. This makes amount indeterminate.)

#### ALASKA DEPARTMENT OF HEALTH

#### Executive health officer:

- Walter W. Council, M. D., commissioner of health, Juneau.

#### Assistant commissioners of health:

- A. D. Haverstock, M. D., Seward.

- Rex F. Swartz, M. D., Nome.

- Floyd B. Gillespie, M. D., Fairbanks.

Appropriation for 1933-35, \$13,800.

#### ARIZONA STATE BOARD OF HEALTH

#### State board of health:

- B. B. Moerz, Governor, president, Phoenix.

- A. T. La Prade, vice president, Phoenix.

- George C. Truman, superintendent, secretary, Phoenix.

<sup>1</sup> Reprints Nos. 83, 123, 190, 286, 344, 405, 488, 544, 605, 706, 775, 871, 949, 1043, 1106, 1188, 1254, 1334, 1425, 1522, and 1604, from the PUBLIC HEALTH REPORTS.



**State board of health—Continued.**

F. E. Doucette, executive secretary, Phoenix.  
 Fred Ruppelius, statistician, Phoenix.  
 Ralph Thomas, assistant secretary and auditor,  
 Phoenix.

**Executive health officer:**

George C. Truman, M. D., State superintendent of  
 health, Phoenix.

**State laboratory:**

Jane Rider, director, Tucson.  
 Marion Stroud, bacteriologist, Phoenix.  
 W. B. West, assistant bacteriologist, Tucson.  
 Fred Baker, assistant bacteriologist, Phoenix.

**Epidemiologist:**

\*H. F. Stanton, M. D.

**Sanitary engineer:**

\*F. C. Roberts.

**County health units:**

\*A. N. Crain, M. D., medical director, Maricopa  
 County, Phoenix.  
 \*R. B. Durfee, M. D., medical director, Cochise  
 County, Bisbee.  
 \*Geoffrey Morris, M. D., medical director, Pima  
 County, Tucson.  
 \*Anson B. Ingels, M. D., medical director, Gila  
 County, Globe.

**Appropriations, year ending June 30, 1935:**

Board of health	\$15,755
Child hygiene	18,890
State laboratory	9,061

**ARKANSAS STATE BOARD OF HEALTH****Board of health:**

J. G. Gladden, M. D., president, Western Grove.  
 E. D. McKnight, M. D., Brinkley.  
 W. F. Smith, M. D., Little Rock.  
 Thomas Wilson, M. D., Wynne.  
 L. D. Duncan, M. D., Waldron.  
 W. H. Hodges, M. D., Malvern.  
 F. O. Mahony, M. D., El Dorado.

**Executive health officer:**

\*Wm. B. Grayson, M. D., State health officer,  
 Little Rock.

**Bureau of vital statistics:**

\*Mrs. J. B. Collie, statistician, Little Rock.

**Hygienic laboratory:**

\*H. V. Stewart, associate director, Little Rock.

**Bureau of sanitation and malaria control:**

\*M. Z. Bair, B. Sc. E., chief sanitary engineer,  
 Little Rock.

**Bureau of child hygiene:****County health units:**

\*Gordon Hastings, M. D., director, Little Rock.  
 Appropriations for biennial period ending June 30,  
 1935.

Executive department, salaries and miscellaneous	\$23,000
Bureau of vital statistics	28,000
Bureau of sanitation	2,500
Hygienic laboratory	14,840
County health units and rural sanitation	160,000

**CALIFORNIA DEPARTMENT OF PUBLIC HEALTH****Board of public health:**

Howard Morrow, M. D., president, San Francisco.  
 Edward M. Pallette, M. D., vice president, Los Angeles.  
 J. D. Dunshee, M. D., director of public health, Sacramento.  
 Gifford L. Sobey, M. D., Paso Robles.  
 William R. P. Clark, M. D., San Francisco.  
 George H. Kress, M. D., Los Angeles.  
 Junius B. Harris, M. D., Sacramento.

**Department of public health:**

\*J. D. Dunahoe, M. D., director of public health,  
 Sacramento.

**District health officer:**

\*Gavin Talfer, M. D., southern division.

**Bureau of epidemiology:**

\*Harlan F. Wynns, M. D., chief, San Francisco.  
 \*Ida May Stevens, supervising morbidity statistician.

**Bureau of sanitary inspections:**

\*Edward T. Ross, chief, Sacramento.

**Bureau of vital statistics:**

\*Mrs. Marie B. Stringer, registrar, Sacramento.

**Bureau of registration nurses:**

\*Helen F. Hansen, chief, Sacramento.

**Bureau of tuberculosis:**

\*Edyth L. M. Tate-Thompson, chief, Sacramento.

**Bureau of food and drug inspections:**

\*M. P. Duffy, chief.

**Bureau of laboratories:**

\*W. H. Kellogg, M. D., chief, Berkeley.

**Bureau of sanitary engineering:**

\*C. G. Gillespie, C. E., chief, Berkeley.

**Bureau of child hygiene:**

\*Ellen S. Stadtmuller, M. D., chief, San Francisco.

Appropriations, available July 1, 1933, for biennial period ending June 30, 1935 (85th and 86th years):

**Administration:**

For support, department of public health

\$401,612

**Bureau of cannery inspection:**

For support (payable from cannery-inspection funds)

133,920

**Bureau of registration of nurses:**

For support (payable from nurses registration funds)

38,760

**Tuberculosis bureau:**

Allotment for support, included in item "for support, department of public health", \$18,040.

For subsidies

975,000

Total

1,549,292

**Other sources of revenue:**

Fees for registration of nurses, \$10 each. (Fees for California graduate nurses, \$5 only.)

Renewal of registration certificates, \$1 each per year.

Licensing of cold-storage warehouses, rated according to capacity, for credit to general fund.

Fines for violation of pure food and drugs act, for credit to general fund.

Fees for licenses, \$50 each, and contributions, for credit to bureau of cannery inspection.

Fees for searches and certified copies of records, for credit to general fund.

Fees for inspection and registration of aviaries, \$5 each.

Fees for inspection of clinics and dispensaries, \$5 each.

**Publications issued by health department:**

Biennial report.

Weekly bulletin.

**COLORADO DIVISION OF PUBLIC HEALTH****State board of health:**

Paul J. Connor, M. D., president, Denver.  
 William P. Gasser, M. D., vice president, Loveland.  
 S. R. McKelvey, M. D., secretary, Denver.  
 G. W. Bumpus, D. O., Denver.  
 Ura O. Musick, Colorado Springs.  
 N. M. Burnett, M. D., Lamar.  
 Ben Beshoar, M. D., Trinidad.  
 C. A. Davlin, M. D., Alamosa.  
 Harvey W. Snyder, M. D., Denver.

**Division of administration:**

\*S. R. McKelvey, M. D., secretary and executive officer, Denver.

**Division of epidemiology:**

\*S. R. McKelvey, M. D., acting epidemiologist.

**Division of social hygiene:**

\*S. R. McKelvey, director.

**Division of plumbing:**

\*Irving A. Fuller, chief inspector.

**Division of bacteriology:**

\*W. C. Mitchell, M. D., bacteriologist.

**Division of sanitary engineering:**

\*Benjamin V. Howe, sanitary engineer.

**Division of vital statistics:**

\*S. R. McKelvey, M. D., State registrar.

**Division of food and drugs:**

\*S. R. McKelvey, M. D., acting commissioner.

Appropriations for fiscal years ending June 30, 1934 and 1935:

	1934	1935
Salaries.....	\$29, 530	\$29, 650
Laboratory equipment and supplies.....	1, 250	1, 250
Printing.....	2, 000	2, 000
Traveling expenses.....	3, 700	3, 700
Veneral disease (no appropriation).....	900	900
Incidental expenses.....	900	900
<b>Total.....</b>	<b>37, 380</b>	<b>37, 500</b>

**CONNECTICUT DEPARTMENT OF HEALTH**

Public health council:  
 C.-E. A. Winslow, D. P. H.  
 James W. Knox.  
 James A. Newlands.  
 David R. Lyman, M. D.  
 Robert A. Cairns, C. E.  
 Joseph M. Ganey, M. D.

Executive health officer:  
 \*Stanley H. Osborn, M. D., C. P. H., commissioner of health, Hartford.

Bureau of preventable diseases:  
 \*Millard Knowlton, M. D., C. P. H., director.

Bureau of vital statistics:  
 \*William C. Welling, director.

Bureau of public-health nursing:  
 \*Elizabeth S. Taylor, R. N., director.

Bureau of child hygiene:  
 \*A. Elizabeth Ingraham, M. D.

Bureau of public-health instruction:  
 \*Elizabeth C. Nickerson, C. P. H.

Bureau of laboratories:  
 \*F. Lee Mickle, director.

Bureau of sanitary engineering:  
 \*Warrent J. Scott, director.

Bureau of occupational diseases:  
 \*Albert S. Gray, M. D., director.

Bureau of venereal diseases:  
 \*Henry P. Talbot, M. D., director.

Bureau of mental hygiene:  
 \*C. B. Horton, M. D., director.

Division of mouth hygiene:  
 Clyde R. Salmons, D. D. S., chief.

Division of medical registration:  
 \*Ruth H. Monroe, chief.

Appropriation for fiscal period ending June 30, 1935 (2 years), \$569,664.

Publications issued by health department:  
 Weekly bulletin.  
 Monthly bulletin.  
 Annual vital-statistics report.  
 Annual report of State department of health.  
 Miscellaneous pamphlets.

**DELAWARE STATE BOARD OF HEALTH**

State board of health:  
 William P. Orr, M. D., president, Lewes.  
 Mrs. Charles Warner, vice president, Wilmington.  
 Robert E. Ellegood, M. D., Wilmington.  
 Margaret I. Handy, M. D., Wilmington.  
 Mrs. F. G. Tallman, Wilmington.  
 Stanley Worden, M. D., secretary, Dover.  
 Mrs. Arthur Brewington, Delmar.  
 Charles R. Jefferis, Jr., D. D. S., Wilmington.

Executive health officer:  
 \*Arthur C. Jost, M. D., C. M., Dover.

Director of laboratory:  
 \*Rowland D. Herdman, Dover.

Director of child hygiene:  
 \*Clealand A. Sargent, M. D., C. P. H., Dover.

Sanitary engineer:  
 \*Richard C. Beckett, Dover.

Superintendent of Brandywine Sanatorium:  
 \*Lawrence D. Phillips, M. D., Marshallton.

Superintendent of Edgewood Sanatorium:  
 \*Elizabeth Van Vranken, R. N., Marshallton.

State oral hygienist:  
 Miss M. E. Wagner, R. D. H.

County unit officers:  
 \*J. R. Downs, M. D., New Castle County.  
 \*E. F. Smith, M. D., Kent County.  
 \*J. B. Derricksen, M. D., Sussex County.

Appropriations for each fiscal year ending June 30, 1934 and 1935:

General administration.....	\$81, 000
Hygienic laboratory.....	10, 000
Edgewood Sanatorium for colored tuberculous patients.....	27, 000
Brandywine Sanatorium for white tuberculous patients.....	120, 000
Dental hygiene.....	12, 000
<b>Total.....</b>	<b>250, 000</b>

Publications:  
 Annual report.  
 Bulletins on health subjects.  
 Weekly circular.

**DISTRICT OF COLUMBIA HEALTH DEPARTMENT**

Executive health officer:  
 \*George C. Ruhland, M. D., health officer, Washington.

Assistant health officer:  
 \*Edward J. Schwartz, M. D., Washington.

Chief clerk and deputy health officer:  
 \*Arthur G. Cole, Washington.

Chief, Bureau of Preventable Diseases, and director, bacteriological laboratory:  
 \*James G. Cumming, M. D., Washington.

Bacteriologist:  
 \*John E. Noble, Washington.

Serologist:  
 \*Jesse P. Porch, D. V. M., Washington.

Chemist:  
 \*John B. Reed, Washington.

Chief sanitary inspector:  
 \*J. Frank Butts, Washington.

Director child-hygiene service:  
 \*Hugh J. Davis, M. D., Washington.

Chief food inspector:  
 \*Reid R. Ashworth, D. V. S., Washington.

Chief medical and sanitary inspector of schools:  
 \*Joseph A. Murphy, M. D., Washington.

Appropriations for the fiscal year ending June 30, 1935:

Salaries.....	\$160, 650
Prevention of communicable diseases....	27, 783
Isolation wards at hospitals.....	25, 000
Milk and food inspection and regulation	6, 000
Dispensary service, including treatment of tuberculosis and venereal diseases....	42, 998
Maintaining a child-hygienic service.....	45, 834
Hygiene and sanitation, public schools....	84, 854
Laboratory service.....	1, 800
Miscellaneous.....	1, 900
<b>Total.....</b>	<b>396, 519</b>

Publications issued by Health Department:  
 Weekly report by Health Department.  
 Annual report of health officer.  
 Monthly statement of average grade of milk sold.

**FLORIDA STATE BOARD OF HEALTH**

Board of health:  
 N. A. Baltzell, M. D., president, Marianna.  
 R. L. Hughes, M. D., Bartow.  
 Harry Dash Johnson, M. D., Daytona Beach.

Executive health officer:  
 \*Henry Hanson, M. D., State health officer, Jacksonville.

Diagnostic laboratories:  
 \*Paul Eaton, M. D., D. P. H., director, Jacksonville.

Bureau of vital statistics:  
 \*Stewart G. Thompson, D. P. H., director, Jacksonville.

Bureau of communicable diseases:  
 \*F. A. Brink, M. D., director, Jacksonville.

Bureau of sanitary engineering:  
 \*Louva G. Lenert, director, Jacksonville.

**Division of public health nursing:**

\*Ruth E. Mettinger, R. N., director.

**Appropriation for health department:**

One-half mill tax levied upon the assessable property of the State for the year ending June 30, 1933, to be supplemented from the general fund: Appropriation, 1933-35, \$179,600 annually.

**Publications issued by health department:**

Pamphlets covering all phases of public health.  
Public health information disseminated through the weekly and daily papers of the State.  
Florida health notes.  
Annual reports.

**GEORGIA DEPARTMENT OF PUBLIC HEALTH**

**State Board of Health:**

Dr. Cleveland Thompson, Millen, First District.  
Dr. C. K. Sharp, Arlington, Second District.  
Mr. R. C. Ellis, Americus, Third District.  
Dr. M. M. Head, Zebulon, Fourth District.  
Mr. R. F. Maddox, Atlanta, Fifth District.  
Dr. A. R. Rozar, Macon, Sixth District.  
Dr. M. M. McCord, Rome, Seventh District.  
Dr. H. W. Clements, Adel, Eighth District.  
Dr. L. C. Allen, Hoschton, Ninth District.  
Dr. W. A. Mulherin, Augusta, Tenth District.  
Dr. T. C. Marshall, Atlanta, State at large.  
Dr. Claude Rountree, Thomasville, State at large.  
Dr. M. H. Varn, Atlanta, State at large.  
Dr. R. F. Sullivan, Savannah, State at large.

**Executive health officer:**

\*T. F. Abercrombie, M. D., director, Atlanta.  
\*J. P. Bowdoin, M. D., assistant director.

**Division of venereal-disease control:**

\*Joe P. Bowdoin, M. D., chief, Atlanta.

**Division of county health work:**

\*H. C. Schenck, M. D., chief, Atlanta.

**Division of laboratories:**

\*T. F. Sellers, M. D., chief, Atlanta.

**Division of sanitary engineering:**

\*L. M. Clarkson, chief, Atlanta.

**Bureau of vital statistics:**

\*Butler Toombs, chief, Atlanta.

**Division of child hygiene:**

\*Joe P. Bowdoin, M. D., chief, Atlanta.

**Division of epidemiology:**

\*Daniel L. Seckinger, M. D., chief, Atlanta.

**Division of accounting and purchasing:**

\*C. L. Tinsley, chief, Atlanta.

**Appropriations for the fiscal years ending Dec. 31, 1934 and 1935:**

General appropriation.....\$125,000  
Scaled proportionately to State income. Only 75 percent, or \$93,750, will be paid on 1934 appropriation.

**TERRITORY OF HAWAII BOARD OF HEALTH**

**Board of health:**

F. E. Trotter, M. D., president and executive health officer, Honolulu.  
W. B. Pittman, attorney general, Honolulu.  
Guy C. Milnor, M. D., Honolulu.  
Donald S. Bowman, Honolulu.  
Alan S. Davis, Honolulu.  
James A. Williams, Honolulu.  
J. Platt Cooke, Honolulu.

**Executive health officer:**

\*F. E. Trotter, M. D., president of the board of health, Honolulu.

**Secretary:**

\*Mae E. Weir, Honolulu.

**Bureau of sanitation and pure food:**

\*S. W. Tay, director, Honolulu.  
\*F. K. Schultz, division supervisor, Honolulu.  
\*Clifford H. Bowman, division supervisor, island of Hawaii, Hilo.  
\*R. C. Lane, division supervisor, island of Maui, Wailuku.  
\*A. P. Christian, division supervisor, island of Kauai, Lihue.  
\*Robert B. Pauole, sanitary inspector, Leeward Molokai, Kaunakakai.

**Health officer, island of Hawaii:**

\*Joseph S. Caceres, Hilo.

**Bureau of vital statistics:**

\*M. H. Lemon, registrar general, Honolulu.

**Laboratory technician:**

\*Le Beryl Alexander, M. D., Honolulu.

**Tuberculosis bureau:**

\*C. Alvin Dougan, M. D., director.

**Bureau of public health nursing:**

\*Mabel L. Smyth, R. N., director, Honolulu.

**Food commissioner and analyst:**

\*M. B. Bairos, Honolulu.

**Territorial hospital:**

\*A. B. Kroll, superintendent, Kaneohe, Oahu.  
\*A. B. Eckerdt, M. D., medical director, Kaneohe, Oahu.

**Bureau of communicable diseases:**

Frederick K. Lam, M. D., director, Honolulu.

**Health officer, island of Kauai:**

A. M. Ecklund, M. D., Koloa.

**Bureau of maternal and infant hygiene and child welfare:**

Frederick K. Lam, M. D., director, Honolulu.

**Bacteriologist, island of Hawaii:**

\*Fred S. Paine, Hilo.

**Bacteriologist, island of Maui:**

Haliburton McCoy, M. D., Puunene.

**Bacteriologist, island of Kauai:**

A. M. Ecklund, M. D., Koloa.

**Appropriations, 1933-35:**

<b>Board of health—general administration:</b>	
Personal services.....	\$44,000.00
Other current expenses.....	7,000.00
<b>Bureau of vital statistics:</b>	
Personal services.....	20,000.00
Other current expenses.....	2,000.00
<b>Tuberculosis—Government hospital (Puunale Home):</b>	
Personal services.....	47,017.50
Other current expenses.....	58,000.00
Equipment.....	481.10
<b>Tuberculosis bureau:</b>	
Personal services.....	14,040.00
Other current expenses.....	9,060.00
Equipment.....	900.00
<b>Tuberculosis—private hospitals:</b>	
Contributions to Leahi Home.....	144,000.00
Contributions to Kula Sanitarium.....	76,800.00
Contributions to Samuel Mahelona Memorial Hospital.....	55,500.00
<b>Burea of public health nursing:</b>	
Personal services.....	135,108.00
Other current expenses.....	10,000.00
<b>Plague campaign:</b>	
Personal services.....	36,648.00
Other current expenses.....	9,352.00
<b>Bureau of communicable diseases:</b>	
Personal services.....	20,000.00
Other current expenses.....	20,000.00
<b>Bureau of maternal and infant hygiene:</b>	
Personal services.....	6,400.00
Other current expenses.....	1,800.00
<b>Boards of examiners:</b>	
Personal services.....	216.00
Other current expenses.....	405.00
<b>Sanitation and pure food:</b>	
Personal services.....	91,898.00
Other current expenses.....	10,000.00
Equipment.....	230.00
<b>Agents—Government physicians:</b>	
Personal services.....	76,180.00
<b>Territorial hospital:</b>	
Personal services.....	320,784.00
Other current expenses.....	140,296.00
Equipment.....	500.00
Structures and improvements.....	2,000.00
<b>Total.....</b>	<b>1,360,615.60</b>

Publications issued by health department:  
Annual report of president.  
Registrar general's report.

**IDAHO DEPARTMENT OF PUBLIC WELFARE**

Department of public welfare:

- \*Lewis Williams, commissioner.
- \*W. V. Leonard, B. S. M. E., State chemist and sanitary engineer.
- \*Lawrence J. Peterson, bacteriologist.
- \*A. W. Klotz, assistant chemist.
- \*James M. Welsh, dairy food, drug, hotel, and sanitary inspector.
- \*C. H. Watson, dairy, food, drug, hotel, and sanitary inspector.

Executive health officer:

- \*Lewis Williams, commissioner of public welfare, Boise.

Bureau of child hygiene:

- \*Mrs. Deborah H. Worthington, director, Boise.
- Appropriations for biennial period ending Dec. 31, 1934:

Personal services .....	\$35,205
Other expenses .....	12,605
Venereal-disease control .....	1,500
Vaccines and antitoxins .....	2,000
Child hygiene .....	2,860
<b>Total .....</b>	<b>54,170</b>

**ILLINOIS DEPARTMENT OF PUBLIC HEALTH**

Board of public-health advisers:

- Clifford U. Collins, M. D., chairman.
- Herman N. Bundesen, M. D.
- Walter W. Hamburger, M. D.
- Maurice Rubel, M. D.

Executive health officer:

- \*Frank J. Jirka, M. D., director of public health, Springfield.

Assistant director of public health:

- \*A. C. Baxter, M. D.

Division of sanitary engineering:

- \*Harry F. Ferguson, C. E., chief sanitary engineer.

Division of communicable diseases:

- \*J. J. McShane, M. D., D. P. H., chief.

Division of child hygiene and public-health nursing:

- \*Grace S. Wightman, M. D., chief.

Division of tuberculosis:

- \*A. C. Baxter, M. D., acting chief.

Division of laboratories:

- \*Howard J. Shaughnessy, Ph. D., chief.

Division of vital statistics:

- \*Sheldon L. Howard, registrar.

Division of public-health instruction:

- \*Baxter K. Richardson, chief.

Division of hotel and lodging-house inspection:

- \*William P. Haberkorn, superintendent.

Appropriations for biennial period ending June 30, 1935:

Salaries .....	\$674,960
Salaries State officers .....	27,800
Office expenses .....	23,176
Traveling expenses .....	128,661
Operation .....	260,116
Repairs and equipment .....	17,875
Contingent .....	15,000
Printing .....	50,000
Postage .....	25,000
Sanitary water board law .....	20,000
Rabies .....	12,000
Emergency .....	25,000
<b>Total .....</b>	<b>1,288,588</b>

Publications issued by health department:

- Illinois Health Messenger (bimonthly).
- Weekly press bulletin.
- Educational health circulars.

**INDIANA DEPARTMENT OF COMMERCE AND INDUSTRY, DIVISION OF PUBLIC HEALTH**

Board of health:

- Edmund M. Van Buskirk, M. D., president, Fort Wayne.
- John Clay Glackman, M. D., Rockport.
- Ernest Rupel, M. D., Indianapolis.
- Verne K. Harvey, M. D., secretary, Indianapolis.

Executive health officer:

- \*Verne K. Harvey, M. D., C. P. H., director, Indianapolis.

Collaborating epidemiologist and assistant director:

- Thurman B. Rice, M. D., Indianapolis.

Epidemiologist:

- \*J. W. Jackson, M. D., Indianapolis.

Bureau of vital statistics:

- \*H. M. Wright, statistician and registrar, director, Indianapolis.

Bacteriological laboratory:

- Clyde G. Culbertson, M. D., director, Indianapolis.

Division of chemistry:

- \*Martin L. Lang, State food and drug commissioner, Indianapolis.

Bureau of dairy products:

- \*John Taylor, director, Indianapolis.

Bureau of sanitary engineering:

- \*Louis A. Geupel, B. S. C. E., director, Indianapolis.

Food and drug laboratory:

- \*Frank J. Koehne, B. Ch. E., director, Indianapolis.

Bureau of health education:

- \*Bynum Legg, director, Indianapolis.

Bureau of housing, industrial and school hygiene:

- \*Fred K. Myles, director, Indianapolis.

Bureau of public-health nursing:

- \*Eva F. McDougall, R. N., director, Indianapolis.

Appropriation for the fiscal year beginning July 1, 1934, and ending June 30, 1935, \$207,300.

**IOWA STATE DEPARTMENT OF HEALTH**

**EX OFFICIO**

Clyde L. Herring, governor, Des Moines.

Mrs. Alex Miller, secretary of State, Des Moines.

Leo J. Wegman, treasurer of State, Des Moines.

Ray Murray, secretary of agriculture, Des Moines.

Walter L. Bierring, M. D., State commissioner of health, Des Moines.

**APPOINTEE BY GOVERNOR**

C. A. Boice, M. D., president, Washington.

T. D. Kas, M. D., secretary, Sutherland.

J. F. Aldrich, M. D., Shenandoah.

C. W. Ellyson, M. D., Waterloo.

J. M. Smittle, M. D., Waucoma.

Executive health officer:

- \*Walter L. Bierring, M. D., commissioner of health, Des Moines.

- \*Frederick J. Swift, M. D., deputy commissioner, Des Moines.

Executive clerk:

- \*Albert F. Vogt, Des Moines.

Division of child health and health education:

- \*Joseph H. Kinnaman, M. D., Des Moines.

Division of communicable diseases and epidemiology:

- \*Carl F. Jordan, M. D., C. P. H., Des Moines.

State hygienic laboratories:

- \*M. E. Barnes, M. D., Dr. P. H., director, Iowa City.

Division of public-health nursing:

- \*Edith S. Countryman, R. N., director, Des Moines.

Division of nursing education:

- \*Maude E. Sutton, R. N., director, Des Moines.

Division of vital statistics:

- \*Robert L. McLaren, director, Des Moines.

Division of licensure and registration:

- \*H. W. Grefe, director, Des Moines.

Division of law enforcement:

- \*Herman B. Carlson, attorney, Des Moines.

Division of public health engineering:

- \*A. H. Wieters, director, Des Moines.

Division of barber inspection:

- \*William B. Wilson, director, Des Moines.

Division of cosmetology inspection:

- \*Hilda Geerdes, executive secretary, Des Moines.

Housing work is carried on by engineering division.

Medical, nurses, dental, optometry, cosmetology, chiropractic, osteopathy, embalming, podiatry, and barber examining boards are combined in the State department of health.

**Appropriations for fiscal year ending June 30, 1935:**

For salaries, support, maintenance, and miscellaneous purposes.....	\$45,340
For child health and health education.....	6,600
For inspector salaries, support, maintenance and miscellaneous.....	4,200
For public health engineering salaries, support, maintenance, and miscellaneous.....	18,910
For barber inspection salaries, support, maintenance, and miscellaneous.....	15,150
For cosmetology inspection salaries, support, maintenance, and miscellaneous.....	11,360
For the following examining boards: Medical, nurses, dental, osteopathy, chiropractic, embalmers, optometry, podiatry.....	13,815
<b>Total.....</b>	<b>115,375</b>

**Publications:**  
Biennial report.  
Quarterly bulletin.  
Weekly health message.

**KANSAS STATE BOARD OF HEALTH**

**Board of health:**  
Clay E. Coburn, M. D., president, Kansas City.  
H. L. Aldrich, M. D., Caney.  
George I. Thacher, M. D., Waterville.  
R. S. Haurly, M. D., Newton.  
Charles W. Robinson, M. D., Atchison.  
H. A. Browne, M. D., Galena.  
L. V. Turgeon, M. D., Wilson.  
J. G. Stewart, M. D., Topeka.  
Herbert Smith, M. D., Pittsburg.  
A. B. Mitchell, LL. B., Lawrence.

**Executive health officer:**  
\*Earle G. Brown, M. D., secretary State board of health, Topeka.

**Division of vital statistics:**  
\*C. L. Miller, M. D., State registrar.

**Division of communicable diseases:**  
\*C. H. Kinnaman, M. D., epidemiologist, Topeka.

**Division of foods and drugs:**  
\*Thomas I. Dalton, Ph. C., assistant chief food and drug inspector, Topeka.

**Division of child hygiene:**  
\*H. R. Ross, M. D., chief, Topeka.

**Division of sanitation:**  
Earnest Boyce, chief, Lawrence.

**Division of public-health education:**  
\*Earle G. Brown, M. D., director, Topeka.

**Water and sewage laboratories at Kansas University:**  
Earnest Boyce, director, Lawrence.

**Food laboratory at Kansas University:**  
H. P. Cady, director.

**Drug laboratory at Kansas University:**  
Prof. L. D. Havenhill, director of drug analysis, Lawrence.

**Food laboratory at Kansas Agricultural College:**  
Prof. H. H. King, director of food analysis, Manhattan.

**Public health laboratory, Topeka:**  
\*Ross L. Laybourn, bacteriologist, in charge.

**Appropriations for year ending June 30 1935:**

	Salaries	Total
Executive.....	\$4,400	\$6,000
Division of communicable diseases.....	4,800	15,210
Division of food and drugs.....	8,140	12,140
Division of child hygiene.....	5,760	8,000
Division of cooperative county health work.....		6,000
Public health laboratory.....	4,010	8,300
Division of sanitation (engineering, water, and sewage).....		2,400
Board members.....	200	800
<b>Total.....</b>	<b>27,310</b>	<b>58,850</b>

**Other sources of revenue:**  
Marriage fees, approximately \$20,000.  
Water and ice analysis fees, approximately \$14,000.  
**Publications issued by health department:**  
Biennial report.  
Weekly morbidity report.

**KENTUCKY STATE DEPARTMENT OF HEALTH**

**Department of health:**  
E. M. Howard, M. D., president, Harlan.  
George S. Coon, M. D., Louisville.  
A. T. McCormack, M. D., secretary, Louisville.  
J. Watts Stovall, M. D., Grayson.  
John H. Blackburn, M. D., Bowling Green.  
W. H. Fuller, M. D., Mayfield.  
A. W. Davis, M. D., Madisonville.  
C. J. Johnson, D. O., Louisville.  
James J. Goodwin, Louisville.

**Executive health officer:**  
\*A. T. McCormack, M. D., D. P. H., State health commissioner, Louisville.

**Bureau of county health work:**  
\*P. E. Blackerby, M. D., assistant State health commissioner, Louisville.  
\*V. A. Stillely, M. D., assistant field director, Benton.

**Bureau of vital statistics:**  
\*J. F. Blackerby, director, Louisville.

**Bureau of bacteriology:**  
\*Lillian H. South, M. D., director, Louisville.

**Bureau of sanitary engineering:**  
\*F. C. Dugan, C. E., director, Louisville.

**Bureau of food, drugs, and hotels:**  
\*Sarah Vance Dugan, director, Louisville.

**Bureau of venereal diseases:**  
Jethra Hancock, M. D., Louisville.

**Bureau of public health nursing:**  
\*Margaret L. East, R. N., director, Louisville.

**Bureau of maternal and child health:**  
\*Annie S. Veech, M. D., director, Louisville.

**Bureau of prevention of trachoma and blindness:**  
United States Trachoma Hospital:  
\*Robert Sory, M. D., medical officer in charge.

**Bureau of budget:**  
\*Elva V. Grant, director, Louisville.

**Bureau of epidemiology:**  
\*M. H. Jensen, M. D., director, Louisville.

**Bureau of tuberculosis and State tuberculosis sanatorium:**  
\*Paul A. Turner, M. D., director and superintendent, Louisville.

**Bureau of dental health:**  
J. F. Owen, D. D. S., director, Lexington.

**Bureau of public health education:**  
\*John W. Kelly, director.

**Appropriations for fiscal year ending June 30, 1935:**

Central administration for all departments.....	\$215,200
Full-time county health departments.....	314,000
State tuberculosis sanatorium.....	52,500
<b>Total.....</b>	<b>581,700</b>

**Publications issued by health department:**  
Monthly bulletin.

**LOUISIANA DEPARTMENT OF HEALTH**

**State board of health:**  
J. A. O'Hara, M. D., president, New Orleans.  
S. E. Graham, M. D., Melville.  
S. J. Couvillon, M. D., Moreauville.  
J. L. Kelly, M. D., Oak Grove.  
(Other members to be appointed.)  
Fannie B. Nelken, secretary.

**Executive health officer:**  
\*J. A. O'Hara, M. D., president State board of health, New Orleans.

**Bacteriologist:**  
\*W. H. Seemann, M. D., New Orleans.

**Registrar of vital statistics:**  
\*P. A. Kibbe, M. D., New Orleans.

- Bureau of communicable diseases:  
C. L. Brown, M. D., New Orleans.
- Bureau of mental hygiene:  
H. R. Unsworth, M. D., New Orleans.
- Bureau of public health administration:  
\*R. W. Todd, M. D., U. S. P. H. S., director,  
New Orleans.
- \*George S. Bete, executive assistant, New Orleans.
- Sanitary engineer:  
\*John H. O'Neill, New Orleans.
- Analyst:  
\*Cassius L. Clay, New Orleans.
- Bureau of animal industry:  
\*G. T. Jackson, D. V. S., director, New Orleans.
- Sanitary inspection:  
\*Peter Rohrs, Jr., chief, New Orleans.
- Auditor:  
\*Phil Arras, New Orleans.
- Appropriations for fiscal year:  
1934-35..... \$395,000  
1935-36..... 431,000
- Publications issued by health department:  
Quarterly bulletin.  
Biennial report.  
Miscellaneous leaflets.

**MAINE DEPARTMENT OF HEALTH AND WELFARE**

- Bureau of health:  
George H. Coombs, M. D., director, Augusta.
- Advisory council of health and welfare:  
Miss Sally P. Moses, Bangor.  
George W. Lane, Jr., Auburn.  
Mrs. Dora B. Pinkham, Fort Kent.  
Walter G. Davis, Portland.  
Mrs. Helen C. Donahue, Portland.  
E. V. Call, M. D., Lewiston.
- Division of administration:  
\*George H. Coombs, M. D., Augusta.
- Division of communicable diseases:  
\*George H. Coombs, M. D., Augusta.
- Division of laboratories:  
\*A. H. Morrell, M. D., Augusta.
- Division of sanitary engineering:  
\*Elmer W. Campbell, D. P. H., Augusta.
- Division of vital statistics:  
\*George H. Coombs, M. D., State registrar,  
Augusta.
- Division of social hygiene:  
\*George H. Coombs, M. D., Augusta.
- Division of public health nursing and child hygiene:  
\*Edith L. Soule, R. N., Augusta.
- Division of dental hygiene:  
\*Dorothy Bryant, D. H., Augusta.
- District health officers:  
\*J. L. Pepper, M. D., South Portland.  
\*R. L. Mitchell, M. D., Lewiston.  
\*J. W. Loughlin, M. D., Newcastle.  
\*B. F. Porter, M. D., Caribou.
- Appropriations for fiscal year ending June 30, 1935:  
Salaries and clerk hire..... \$37,600  
Office expense and epidemic fund..... 19,000  
District and local health officers..... 32,600  
Venereal-disease control work..... 9,700  
Maternity and child-welfare work..... 25,000  
Branch State laboratory, Caribou..... 2,900  
Aid for typhoid carriers..... 4,800  
Completion of vital records of the State..... 400  
Infantile-paralysis control..... 2,000
- Total..... 134,000
- Other sources of revenue:  
Census Bureau, Washington, D. C., about \$533.  
License fees for camps, roadside eating and lodging  
places, about \$11,000 (estimated).

**MARYLAND DEPARTMENT OF HEALTH**

- Board of health:  
Robert H. Riley, M. D., Dr. P. H., chairman,  
Baltimore.  
Thomas S. Cullen, M. D., Baltimore.  
Wm. P. Lane, Jr., attorney general, Baltimore.  
William W. Ford, M. D., Baltimore.  
Huntington Williams, M. D., Dr. P. H., Balti-  
more.

- Board of health—Continued.  
Tolley A. Blays, C. E., Baltimore.  
Benjamin C. Ferry, M. D., Bethesda.  
E. F. Kelly, Phar. D., Baltimore.  
Burt B. Ide, D. D. S., Baltimore.
- Executive health officer:  
\*Robert H. Riley, M. D., Dr. P. H., director of  
health, Baltimore.
- Division of personnel and accounts:  
\*Walter N. Kirkman, chief, Baltimore.
- Division of oral hygiene:  
\*Richard C. Leonard, D. D. S., chief, Baltimore.
- Division of legal administration:  
\*J. Davis Donovan, LL. B., chief, Baltimore.
- Committee on public health education:  
\*Gertrude B. Knipp, secretary, Baltimore.
- Bureau of communicable diseases:  
\*Robert H. Riley, M. D., Dr. P. H., chief, Balti-  
more.
- \*C. H. Halliday, M. D., epidemiologist, Balti-  
more.
- \*C. W. G. Rohrer, M. D., Ph. D., diagnostician,  
Baltimore.
- Bureau of vital statistics:  
\*John Collinson, M. D., Dr. P. H., chief, Balti-  
more.
- Food and drug commissioner:  
\*A. L. Sullivan, chief, Baltimore.
- Deputy food and drug commissioner:  
\*R. L. Swain, Phar. D., LL. B.
- Bureau of bacteriology:  
\*C. A. Ferry, chief, Baltimore.
- Bureau of sanitary engineering:  
\*Abel Wolman, B. S. E., chief, Baltimore.
- Bureau of chemistry:  
\*John C. Krantz, Jr., Ph. D., chief, Baltimore.
- Bureau of child hygiene:  
\*J. H. Mason Knox, Jr., Ph. D., M. D., chief,  
Baltimore.
- Appropriations for fiscal year ending Sept. 30, 1935,  
\$401,332.
- Publications issued by health department:  
Annual report.  
Weekly News Letter.  
\*Monthly bulletin.

**MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH**

- Public health council:  
Henry D. Chadwick, M. D., chairman, Boston.  
Roger I. Lee, M. D., Boston.  
Francis H. Lally, M. D., Milford.  
Richard P. Strong, M. D., Boston.  
Sylvester E. Ryan, M. D., Springfield.  
James L. Tighe, Holyoke.  
Gordon Hutchins, Concord.
- Executive health officer:  
\*Henry D. Chadwick, M. D., State commissioner  
of public health, Boston.
- Secretary:  
\*Alice M. Nelson.
- Division of administration:  
(Under direction of commissioner.)
- Division of communicable diseases:  
\*Gaylord W. Anderson, M. D., director, Boston.
- Division of sanitary engineering:  
\*Arthur D. Weston, C. E., director and chief  
engineer, Boston.
- Division of biologic laboratories:  
\*Elliott S. Robinson, M. D., director and pa-  
thologist, Boston.
- Division of food and drugs:  
\*Hermann C. Lythgoe, director and analyst,  
Boston.
- Division of child hygiene:  
\*M. Luise Diez, M. D., director, Boston.
- Division of tuberculosis sanatoria:  
\*Alton S. Pope, M. D., director, Boston.
- Division of adult hygiene:  
\*Herbert L. Lombard, M. D., director, Boston.
- Appropriations for department of public  
health, 1934:  
Division of administration:  
Salary of commissioner..... \$6,625  
Personal services..... 17,680  
Services other than personal..... 9,252

<b>Appropriations for department of public health, 1934—Continued.</b>	
<b>Division of child hygiene:</b>	
Personal services of director and assistants.....	\$34, 140
Services other than personal.....	16, 000
Personal services in connection with maternal and infant hygiene.....	21, 254
Expenses in connection with maternal and infant hygiene.....	10, 400
<b>Division of communicable diseases:</b>	
Personal services of director, district health officers, etc.....	67, 100
Services other than personal.....	14, 250
Personal services in connection with control of venereal diseases.....	12, 682
Expenses in connection with control of venereal diseases.....	28, 000
<b>Wassermann Laboratory:</b>	
For personal services.....	15, 700
For expenses of laboratory.....	5, 200
<b>Antitoxin and vaccine laboratory:</b>	
For personal services.....	63, 530
Other services.....	37, 000
<b>Inspection of food and drugs:</b>	
For personal services.....	49, 540
Other services.....	12, 100
<b>For administering the shellfish law:</b>	
Personal services.....	1, 874
Other services.....	870
<b>Water supply and disposal of sewage, engineering division:</b>	
For personal services.....	66, 127
For other services.....	17, 900
<b>Water supply and disposal of sewage, water and sewage laboratories:</b>	
For personal services.....	37, 300
For other services.....	9, 200
<b>Division of tuberculosis:</b>	
For personal services.....	33, 394
Services other than personal.....	6, 150
For personal services of tuberculosis clinic units.....	44, 440
Services other than personal (clinic units).....	26, 000
Payment of subsidies.....	451, 000
<b>For maintenance of and for certain improvements at the Lakeville, North Reading, Rutland, and Westfield State sanatoria.....</b>	
	1, 070, 540
<b>Division of adult hygiene:</b>	
For personal services.....	40, 620
For other expenses.....	33, 400
<b>Cancer hospital at Norfolk:</b>	
For maintenance of and for certain improvements.....	238, 295
<b>Total.....</b>	<b>2, 497, 563</b>

**MICHIGAN DEPARTMENT OF HEALTH****Advisory council of health:**

Robert B. Harkness, M. D., Houghton.	Chalmers J. Lyons, D. D. Sc., Ann Arbor.
Louis J. Hirschman, M. D., Detroit.	W. E. McNamara, M. D., Lansing.
George J. Curry, M. D., Flint.	
<b>Executive health officer:</b>	
*C. C. Slemons, M. D., Dr. P. H., State health commissioner, Lansing.	
<b>Bureau of engineering:</b>	
*E. D. Rich, C. E., director.	
*John M. Hepler, assistant engineer.	
*Willard F. Shephard, assistant engineer.	
*Raymond J. Faust, assistant engineer.	
*Orla E. McGuire, assistant engineer.	
<b>Bureau of laboratories:</b>	
*C. C. Young, Ph. D., Dr. P. H., director.	
*Wm. E. Bunney, Ph. D., associate director.	
*Minna Crooks, bacteriologist.	
*M. B. Kurtz, D. V. M., serologist.	
*Pearl Kendrick, associate director, west Michigan division.	
*Ora Mills, associate director, Houghton branch.	
*A. B. Haw, physiological chemist.	
*Roy W. Fryor, Dr. P. H., immunologist.	
*Merle M. Woodward, toxicologist.	
*G. D. Cummings, Ph. D., assistant director.	

<b>Bureau of child hygiene and public health nursing:</b>	
*Lillian R. Smith, M. D., director.	
*Goldie Corneliuson, M. D., physician.	
*Ida M. Alexander, M. D., prenatal consultant.	
*Helen de Spelder Moore, R. N., assistant director.	
<b>Bureau of records and statistics:</b>	
*W. J. V. Deacon, M. D., director.	
<b>Bureau of education:</b>	
*Marjorie Delavan, director.	
*Pearl Turner, assistant instructor.	
*Melita Hutzel, lecturer.	
<b>Bureau of embalming:</b>	
*Frank J. Pienta, director.	
<b>Bureau of communicable diseases and rural hygiene:</b>	
*C. D. Barrett, M. D., C. P. H., director.	
*Filip Forsbeck, M. D., associate director, in charge of communicable diseases.	
*M. B. Beckett, M. D., C. P. H., field agent, in charge of rural hygiene.	
*A. W. Newitt, M. D., C. P. H., field epidemiologist.	
<b>Bureau of mouth hygiene:</b>	
*William R. Davis, D. D. S., director.	
<b>Appropriations for fiscal year ending June 30, 1935:</b>	
Personal services.....	\$200, 600
Supplies.....	97, 250
Contractual service.....	7, 700
Outlay for equipment.....	305, 450
<b>Total.....</b>	<b>48, 000</b>
County health departments.....	5, 000
Smallpox vaccine, toxoid manufacturing.....	2, 200
Beaver Island, physician.....	360, 650
<b>Total.....</b>	<b>20, 000</b>
<b>Special appropriation.....</b>	<b>380, 650</b>
<b>Grand total.....</b>	<b>380, 650</b>

**Publications issued by health department:**

Monthly bulletin.....	
Annual report.....	
Communicable disease pamphlets.....	
Sex hygiene pamphlets.....	
Child hygiene pamphlets.....	
Engineering bulletins.....	
Mouth hygiene pamphlets.....	
Scientific reprint series.....	
Rules and regulations.....	

**MINNESOTA DEPARTMENT OF HEALTH****Board of health:**

N. G. Mortensen, M. D., president, St. Paul.
Frederic Bass, C. E., vice president, Minneapolis.
Erling S. Platou, M. D., Minneapolis.
J. A. Thabes, Sr., M. D., Brainerd.
Helen Hughes Hielscher, M. D., Mankato.
S. Z. Kerlan, M. D., Aitkin.
E. T. Fitzgerald, M. D., Morris.
A. S. Milinowski, C. E., St. Paul.
Thomas G. Bell, Duluth.

**Executive health officer, State Office Bldg., St. Paul:**

*A. J. Chesley, M. D., secretary and executive officer.
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**Division of administration, State Office Bldg., St. Paul:**

*O. C. Pierson, director.
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**Division of vital statistics, State Office Bldg., St. Paul:**

*Gerda C. Pierson, director.
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**Division of hotel inspection, State Office Bldg., St. Paul:**

*E. H. Berg, State hotel inspector.
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**Division of preventable diseases (including venereal diseases), University Campus, Minneapolis:**

*O. McDaniel, M. D., director.
*Lucy Heathman, Ph. D., chief of laboratories.
*W. P. Greene, M. D., senior epidemiologist.
*Robert E. Rock, M. D., epidemiologist.
*Robert N. Barr, M. D., epidemiologist.

**Division of sanitation, University Campus, Minneapolis:**

*H. A. Whittaker, director.
*O. E. Brownell, C. E., senior sanitary engineer.

Division of child hygiene, university campus, Minneapolis:

Everett C. Hartley, M. D., director.

\*Olivia Peterson, R. N., superintendent of public-health nursing.

Appropriations for fiscal year ending June 30, 1935:

Divisions of administration and vital statistics:

Salaries.....	\$30,000
Expenses.....	8,000
Providing free antitoxin and other biologics.....	9,000
For aid to typhoid carriers.....	7,500
For printing lists of persons licensed to practice the healing arts.....	450
Division of preventable diseases:	
Preventable diseases and laboratory... ..	65,000
Veneral disease control and veneral disease education.....	20,600
Division of sanitation:	
Sanitary engineering and laboratory... ..	25,000
Stream pollution survey.....	10,000
Division of child hygiene:	
Protection for maternity and infancy... ..	26,000
Indian health work (nursing service)... ..	9,000
Division of hotel inspection:	
Hotel inspection.....	33,000
<b>Total.....</b>	<b>245,550</b>

Publications issued by health department:  
Educational pamphlets.

**MISSISSIPPI STATE BOARD OF HEALTH**

Board of health:

J. W. Lipscomb, M. D., president, Columbus.

Felix J. Underwood, M. D., secretary, Jackson.

S. E. Eason, M. D., New Albany.

L. B. Austin, M. D., Rosedale.

W. A. Dearman, M. D., Gulfport.

B. J. Shaw, M. D., State Spring.

W. H. Frizell, M. D., Brookhaven.

John Darrington, M. D., Yazoo City.

W. H. Banks, M. D., Philadelphia.

William R. Wright, D. D. S., Jackson.

Executive health officer:

\*Felix J. Underwood, M. D., secretary State board of health, Jackson.

Vital statistics:

\*R. N. Whitfield, M. D., director, Jackson.

Child hygiene and public-health nursing:

\*Felix J. Underwood, M. D., acting director, Jackson.

\*Mary D. Osborne, R. N., associate director, public-health nursing, Jackson.

\*Gladys Eyrich, supervisor oral hygiene, Jackson.

Hygienic laboratory:

\*T. W. Kemmerer, M. D., director, Jackson.

Sanitary engineering:

\*H. A. Kroeze, C. E., director, Jackson.

\*N. M. Parker, D. V. S., State meat and milk supervisor, Jackson.

\*C. M. Ledbetter, assistant State sanitary engineer, Jackson.

\*Floyd Ratliff, State sanitary inspector, Jackson.

County health work:

\*H. C. Ricks, M. D., C. P. H., director, Jackson.

\*John A. Milne, M. D., M. P. H., assistant director, Jackson.

\*Ora E. Phillips, R. N., supervising nurse.

\*Joseph E. Johnston, field supervisor of sanitation, Jackson.

Tuberculosis control:

\*Henry Boswell, M. D., director, Sanatorium.

\*W. D. Hickerson, M. D., clinician, field tuberculosis diagnostic unit, Sanatorium.

Industrial hygiene:

\*J. W. Dugger, M. D., director, Jackson.

Epidemiological unit:

\*A. L. Gray, M. D., M. P. H., director, Jackson.

\*Catherine Mayfield, bacteriologist.

\*Margaret Meade, nurse-investigator.

State appropriations for period January 1 to December 31, 1934, \$162,500; January 1 to December 31, 1935, \$162,500.

Publications issued by health department:  
Biennial report.  
Health pamphlets.

**MISSOURI STATE BOARD OF HEALTH**

Board of health:

Emmett P. North, M. D., president, St. Louis.

P. T. Bohan, M. D., vice president, Kansas City.

W. T. Elam, M. D., St. Joseph.

W. L. Brandon, M. D., Poplar Bluff.

E. S. Smith, M. D., Kirksville.

T. S. Bourke, M. D., Kansas City.

E. T. McCaugh, B. L., M. D., State health commissioner, Jefferson City.

Executive health officer:

\*E. T. McCaugh, B. L., M. D., State health commissioner, Jefferson City.

Epidemiology:

\*E. K. Musson, M. D., M. P. H., epidemiologist.

Laboratories:

\*C. F. Adams, B. Agr., M. D., director.

Sanitary engineering:

\*Herbert Bosch, B. S., public health, engineer.

Vital statistics:

\*W. F. Lunsford, M. D., M. P. H.

Child hygiene and cooperative county health work:

\*H. S. Gove, M. D., director.

Public health nursing:

\*Miss Helena Dunham, R. N., director.

Appropriations for the State board of health, biennial period, 1933-34:

Additions.....	\$3,000
Repairs and replacements.....	6,000
Operation.....	41,250
Salaries.....	177,500
<b>Total.....</b>	<b>227,750</b>

Board of health fund:

Personal service.....	15,000
Repairs and replacements.....	2,625
Operation.....	12,375
<b>Total.....</b>	<b>30,000</b>

Cosmetology and hairdressing:

Personal service.....	23,322
Additions.....	578
Repairs and replacements.....	572
Operations.....	12,028
<b>Total.....</b>	<b>38,500</b>

Food and drug—From July 31, 1933, and 1934:

Personal service.....	52,310
Operation.....	37,690
<b>Total.....</b>	<b>90,000</b>

Food and drug, personal services—1934 special session.....

.....	10,000
<b>Total.....</b>	<b>100,000</b>

**MONTANA DEPARTMENT OF PUBLIC HEALTH**

Board of Health:

E. M. Porter, M. D., president, Great Falls.

George M. Jennings, M. D., Missoula.

L. H. Fligman, M. D., Helena.

E. G. Balsam, M. D., Billings.

B. L. Pampel, M. D., Livingston.

W. F. Cogswell, M. D., secretary.

Executive health officer:

\*W. F. Cogswell, M. D., secretary, Helena.

Division of communicable diseases:

\*J. H. Crouch, M. D., epidemiologist, Helena.

Division of child welfare:

\*W. F. Cogswell, M. D., acting director, Helena.

\*Florence Jordan, assistant director, Helena.

Division of food and drugs:

\*J. W. Forbes, director, Helena.

Division of vital statistics:

\*W. F. Cogswell, M. D., State registrar, Helena.

\*L. L. Benepe, deputy State registrar, Helena.

Division of water and sewage:

\*H. B. Foote, director, Helena.

W. M. Cobleigh, consulting sanitary engineer, Bozeman.

\*Oliver Morgan, analyst, Helena.

Hygienic laboratory:

\*Fred D. Stimpert, director, Helena.

\*Edith Kuhns, technician, Helena.

E. D. Hitchcock, M. D., consulting bacteriologist, Great Falls.



## Appropriations for the years ending June 30:

	1934	1935
Salaries.....	\$23, 300	\$23, 300
Operating expenses.....	15, 750	15, 750
Capital repairs and replacements.....	500	500
Revolving fund (estimated).....	13, 000	13, 000
Division of child welfare.....	10, 500	10, 500
Board of Entomology (Rocky Mountain spotted fever work).....	3, 000	3, 000
Total.....	66, 050	66, 050

## NEBRASKA DEPARTMENT OF HEALTH

## Executive health officer:

\*P. H. Bartholomew, M. D., acting director of health, Lincoln.

## Collaborating epidemiologist:

\*P. H. Bartholomew, M. D., Lincoln.

## Bacteriologist:

\*L. O. Vose, Lincoln.

## Division of venereal diseases:

\*P. H. Bartholomew, M. D., director, Lincoln.

## Statistician:

\*Jean Barrett, Lincoln.

## Medical examining board:

W. R. Boyer, M. D., Pawnee City.

H. J. Lehnhoff, M. D., Lincoln.

F. A. DeOgny, M. D., Milford.

Appropriations for biennial period ending June 30, 1935:

Salary of director.....	\$7, 200
Salaries.....	20, 000
Maintenance.....	10, 000
Total.....	37, 200

## NEVADA STATE BOARD OF HEALTH

## State board of health:

Morley Griswold, Acting Governor, president, Carson City.

Edward E. Hamer, M. D., secretary and State health officer, Carson City.

W. G. Greathouse, secretary of state.

John Fuller, M. D., Reno.

C. W. West, M. D., Reno.

## Executive health officer:

\*Edward E. Hamer, M. D., State health officer, Carson City.

## State hygienic laboratory at State university:

\*Vera E. Young, acting director, Reno.

Appropriations for period from July 1, 1933, to June 30, 1935:

Salary of secretary.....	\$5, 000
Salary of clerk.....	2, 813
Traveling expenses.....	1, 500
Office postage.....	250
Office supplies, heat, rent, and light.....	1, 800
Office telephone and telegraph.....	300
Equipment.....	200
Registration of births and deaths.....	350
Purchase of diphtheria and other dangerous disease antitoxin.....	500
Total.....	12, 713

## Publications issued by health department:

Biennial report.  
Special bulletins.

## NEW HAMPSHIRE STATE BOARD OF HEALTH

## Board of health:

George C. Wilkins, M. D., Manchester.

Barbara Beattie, M. D., Littleton.

John G. Winant, Governor (term expires Jan. 1, 1935).

Francis W. Johnston, attorney general, Claremont.

James W. Jameson, M. D., Concord.

## Executive health officer:

\*Charles Duncan, M. D., secretary State board of health, Concord.

\*Harriet I. Parkhurst, chief clerk, Concord.

## Division of maternity, infancy, and child hygiene:

\*Mary D. Davis, R. N., director and supervising nurse, Manchester.

## Department of vital statistics:

\*Charles Duncan, M. D., registrar, Concord.

\*Doris P. Bartlett, chief clerk, Concord.

## Division of chemistry and sanitation:

\*Charles D. Howard, chief of division, Concord.

\*Frederick Vintinner, assistant chemist, Concord.

\*Harriet I. Albee, assistant chemist and bacteriologist, Concord.

\*Leonard W. Trager, assistant sanitary engineer, Concord.

\*Russell A. Eckloff, inspector.

\*Joseph X. Duval, chief inspector, Concord.

## Diagnostic and pathological department:

\*William R. Macleod, serologist and diagnostic bacteriologist, Concord.

H. N. Kingsford, M. D., pathologist, Hanover.

\*Benjamin Jewell, assistant in pathological laboratory, Concord.

## Venereal-disease division:

\*Charles A. Weaver, M. D., Manchester.

## Appropriations for fiscal year ending June 30, 1935:

State board of health.....	\$50, 548
Laboratory of hygiene.....	17, 490
Vital statistics.....	4, 290
Cancer clinic fund.....	10, 000
Total.....	82, 328

## Publications issued by health department:

Bulletin.  
Biennial report.

## NEW JERSEY DEPARTMENT OF HEALTH

## Board of health:

S. A. Cosgrove, M. D., president, Jersey City.

Mrs. Helen M. Berry, vice president, Newark.

Charles I. Lafferty, Atlantic City.

Margaret L. McNaughton, Jersey City.

H. E. Winter, V. M. D., Plainfield.

J. E. H. Guthrie, D. D. S., Newark.

Clyde Potts, C. E., Morristown.

Irvin E. Deibert, M. D., Camden.

James E. Russell, Trenton.

John V. Bishop, Columbus.

## Executive health officer:

\*J. Lynn Mahaffey, M. D., director of health, Trenton.

## Bureau of bacteriology:

\*John V. Mulcahy, chief, Trenton.

## Bureau of chemistry:

\*John E. Bacon, chief, Trenton.

## Bureau of administration:

\*Charles J. Merrell, chief, Trenton.

## Bureau of food and drugs:

\*Walter W. Scofield, chief, Trenton.

## Bureau of public-health education:

\*Edwin C. Lanigan, chief, Trenton.

## Bureau of child hygiene:

Julius Levy, M. D., consultant, Trenton.

## Bureau of local health administration:

Wm. H. McDonald, acting chief, Trenton.

## Bureau of engineering:

\*H. P. Croft, chief, Trenton.

## Bureau of vital statistics:

\*David S. South, chief, Trenton.

## Bureau of venereal-disease control:

A. J. Casselman, M. D., consultant, Trenton.

Appropriations for fiscal year ending June 30, 1935:

Salaries.....	\$234, 447
Miscellaneous.....	59, 300
Child hygiene.....	101, 812
Venereal-disease control.....	25, 020
Total.....	420, 579

## Publications issued by health department:

Monthly bulletin.  
Annual report.

## NEW MEXICO BUREAU OF PUBLIC HEALTH

## Board of public welfare:

Robert O. Brown, M. D., president, Santa Fe.

Max Nordhaus, Albuquerque.

Mrs. David Chavez, Jr., secretary, Santa Fe.

Mrs. Orren Beaty, Lovington.

J. C. McConvery, Santa Fe.

**Executive health officer:**

- \*J. Rosalyn Earp, Dr. P. H., director of public health, Santa Fe.
  - Division of sanitary engineering and sanitation:
    - \*Paul S. Fox, M. S. in C. E., chief, Santa Fe.
  - Division of county health work:
    - \*C. H. Douthirt, M. D., director, Santa Fe.
  - Acting State supervisor of public-health nursing:
    - \*Grace M. Coffman, R. N., Santa Fe.
  - Public-health laboratory:
    - \*Myrtle Greenfield, chief, Albuquerque.
  - State registrar:
    - \*Miss Billy Tober, Santa Fe.
- Appropriation for years 1933-34 and 1934-35, per annum, \$35,900. Fiscal year ends June 30.

**NEW YORK STATE DEPARTMENT OF HEALTH**

**Public-health council:**

- Simon Flexner, M. D., LL. D., chairman, New York.
- Homer Folks, LL. D., vice chairman, Yonkers.
- Livingston Farrand, M. D., Ithaca.
- Walter A. Leonard, M. D., Cambridge.
- Henry N. Ogden, C. E., Ithaca.
- Fredrick F. Russell, M. D., New York.
- Thomas Parran, Jr., M. D. (ex officio), commissioner of health, Albany.

**Executive health officer:**

- \*Thomas Parran, Jr., M. D., LL. D., State commissioner of health, Albany.

**Deputy commissioner of health:**

- \*Paul B. Brooks, M. D., Albany.

**Assistant commissioner for local health administration:**

- \*Edward S. Godfrey, Jr., M. D., Albany.

**Administrative officer:**

- \*Edmund Schreiner, LL. B., Albany.

**Administrative finance officer:**

- \*Clifford C. Shoro, Albany.

**Division of public-health education:**

- \*B. R. Rickards, director, Albany.

**Division of sanitation:**

- \*Charles A. Holmquist, C. E., director, Albany.

**Division of vital statistics:**

- \*Joseph V. De Forte, Ph. D., director, Albany.

**Division of maternity, infancy, and child hygiene:**

- \*Elizabeth M. Gardiner, M. D., director, Albany.

**Division of communicable diseases:**

- \*George H. Ramsey, M. D., director, Albany.

**Division of tuberculosis:**

- \*Robert E. Plunkett, M. D., director, Albany.

**Division of social hygiene:**

- \*Albert Pfeiffer, M. D., director, Albany.

**Division of laboratories and research:**

- \*August B. Wadsworth, M. D., director, Albany.

**Division of public-health nursing:**

- \*Marion W. Sheahan, R. N., director, Albany.

**Division of orthopedics:**

- \*Walter J. Craig, M. D., director, Albany.

**Division of cancer control:**

- \*Burton T. Simpson, M. D., director.

**State institute for the study of malignant diseases, Buffalo:**

- \*Burton T. Simpson, director.

**New York State Hospital for Incipient Pulmonary Tuberculosis, Ray Brook:**

- \*H. A. Bray, M. D., superintendent.

**New York State Reconstruction Home, West Haverstraw:**

- \*John M. Kelly, superintendent.

**Appropriations for fiscal year ending June 30, 1935:**

Personal service.....	\$1,722,042
Maintenance and operation.....	959,900
State aid to county laboratories.....	127,600
State aid to county health activities.....	457,331
Construction and permanent betterments.....	507,905
<b>Total.....</b>	<b>3,624,778</b>

Other sources of revenue:

- Fees from certified transcripts of birth, death, and marriage certificates, \$3,378.20 per annum.
- Licensing laboratories, \$424.
- Sale of serums, \$1,943.98.
- Licensing of embalmers and undertakers, \$5,699.50.
- Registration of embalmers and undertakers, \$26,583.

**Other sources of revenue—Continued.**

- Rental of radium, estimated, \$540.41.
- Care of county cases at reconstruction home, \$81,975.
- Refund of transportation of discharged patients from tuberculosis hospitals, Ray Brook, estimated, \$4,000.
- Publications issued by health department:
  - Weekly Health News.
  - Monthly Vital Statistics Review.
  - Annual Report.

**NORTH CAROLINA STATE BOARD OF HEALTH**

**Board of health:**

- Carl V. Reynolds, M. D., president, Asheville.
- S. D. Craig, M. D., vice president, Winston-Salem.
- G. G. Dixon, M. D., Ayden.
- J. N. Johnson, M. D. S., Goldsboro.
- H. Lee Large, M. D., Rocky Mount.
- H. G. Baily, Chapel Hill.
- W. T. Rainey, M. D., Fayetteville.
- Hubert B. Haywood, M. D., Raleigh.
- James P. Stowe, Ph. G., Charlotte.

**Executive health officer:**

- \*Carl V. Reynolds, M. D., acting State health officer, Raleigh.

**Division of laboratories and vital statistics:**

- \*John H. Hamilton, M. D., director, Raleigh.
- \*R. T. Stimpson, M. D., bureau of vital statistics, Raleigh.

**Division of sanitary engineering:**

- \*Warren H. Booker, C. E., director, Raleigh.

**Division of preventive medicine:**

- \*G. M. Cooper, M. D., director, Raleigh.
- (a) Maternity and infancy.
- (b) Health education.

**Division of county health work:**

- M. V. Ziegler, M. D., director, pro tem, Raleigh.
- \*R. E. Fox, M. D., M. P. H., Raleigh.

**Division of epidemiology:**

- \*J. C. Knox, M. D., M. P. H., director, Raleigh.

**Division of oral hygiene:**

- \*Ernest A. Branch, D. D. S., director, Raleigh.

Appropriation for fiscal year ending June 30, 1934, \$215,310.

Other sources of revenue: Special fees, \$47,250.

**NORTH DAKOTA DEPARTMENT OF PUBLIC HEALTH**

**Advisory health council:**

- John Crawford, M. D., New Rockford.
- Agnes Stucke, M. D., Garrison.
- C. W. Livingston, D. D. S., Minot.
- P. O. Sather, attorney general, ex officio, Bismarck.

**Arthur E. Thompson, superintendent of public instruction, ex officio, Bismarck.**

Maysil M. Williams, M. D., C. P. H., State health officer.

**Executive health officer:**

- \*Maysil M. Williams, M. D., C. P. H., State health officer, Bismarck.

**Bureau of child hygiene and public-health nursing:**

**Bureau of venereal diseases:**

(No appropriation.)

**Bureau of sanitary engineering:**

\*Mark D. Hollis.

**Bureau of vital statistics:**

(No appropriation.)

**Appropriations for biennial period ending June 30, 1935:**

Salary State health officer.....	\$4,800
Director of preventable diseases.....	2,000
Bureau of child hygiene and public-health nursing.....	6,113
Director of division of child hygiene.....	3,584
Three stenographers.....	2,400
One nurse.....	2,529
Postage.....	700
Office supplies.....	300
Printing and lithographing.....	500
Miscellaneous.....	250
Travel expense.....	1,500
Tabulating, indexing, filing, and binding birth, death, and marriage certificates.....	1,000

## OHIO DEPARTMENT OF HEALTH

<b>Public-health council:</b>	
H. G. Southard, M. D., chairman, Columbus.	
James E. Bauman, secretary.	
G. D. Lummis, M. D.	
R. M. Calfee.	
W. I. Jones, D. D. S.	
(Vacancy.)	
<b>Executive health officer:</b>	
*Walter H. Hartung, M. D., director of health, Columbus.	
<b>Assistant director of health:</b>	
*James E. Bauman.	
<b>Division of administration:</b>	
*James E. Bauman, chief.	
*C. A. Orrison, chief clerk.	
<b>Bureau of publicity:</b>	
*Paul Mason, chief.	
<b>Bureau of local health organization:</b>	
*R. W. DeCrow, M. D., chief.	
<b>Division of communicable diseases:</b>	
*Finley Van Orsdall, M. D., chief.	
<b>Bureau of tuberculosis:</b>	
*W. J. Smith, M. D.	
<b>Bureau of venereal diseases:</b>	
*W. P. Johnson, M. D.	
<b>Bureau of prevention of blindness:</b>	
*W. P. Johnson, M. D.	
<b>Division of sanitary engineering:</b>	
*F. H. Waring, chief.	
<b>Bureau of plumbing inspection:</b>	
*George Woods, chief.	
<b>Division of vital statistics:</b>	
*Irva C. Plummer, chief.	
<b>Division of laboratories:</b>	
*Leo F. Ey, chief.	
<b>Division of hygiene:</b>	
E. R. Hayhurst, M. D., chief.	
<b>Bureau of hospitals:</b>	
*Clara E. Reeder, R. N., chief.	
<b>Bureau of child hygiene:</b>	
*A. L. Van Horn, M. D., chief.	
<b>Bureau of occupational diseases:</b>	
E. R. Hayhurst, M. D., chief.	
<b>Appropriations for 12 months ending Dec. 31, 1934:</b>	
Personal services.....	\$178,486.50
Maintenance.....	49,562.00
State aid for health districts.....	150,000.00
<b>Total.....</b>	<b>378,048.50</b>
<b>Publications issued by health department:</b>	
Ohio Health News (semimonthly).	

## OKLAHOMA DEPARTMENT OF PUBLIC HEALTH

<b>Executive health officer:</b>	
Charles M. Pearce, M. D., State health commissioner, Oklahoma City.	
<b>Assistant State health commissioner:</b>	
*J. P. Folan, Oklahoma City.	
<b>Bureau of vital statistics:</b>	
*Juanita Johnston Smith, registrar.	
<b>Bureau of laboratories:</b>	
*Burlay Walker, bacteriologist.	
*Katherine Harris, assistant bacteriologist.	
*Taylor Rogers, chemist.	
*Floyd Whipple, assistant chemist.	
<b>Bureau of sanitary engineering:</b>	
*H. J. Darcey, B. S. in Engineering, director.	
<b>Appropriations for fiscal years ending June 30, 1934, and 1935:</b>	
<b>Administration:</b>	
Commissioner.....	\$3,840
Assistant commissioner.....	2,100
Secretary and stenographer.....	1,320
Bookkeeper.....	1,500
<b>Bureau of diagnostic laboratory:</b>	
Chemist.....	2,400
Assistant chemist.....	1,500
Bacteriologist.....	1,800
Assistant bacteriologist.....	1,800
Record clerk.....	1,200
Extra help—janitor.....	900
Manufacture typhoid and toxoid vaccine.....	2,500
<b>Bureau of sanitary engineering:</b>	
Engineer.....	2,800

<b>Appropriations for fiscal years ending June 30, 1931, and 1935 Continued.</b>	
<b>Bureau of pure food, drugs, and sanitary inspection:</b>	
Inspectors (4 at \$1,500 each).....	\$6,000
<b>Bureau of vital statistics:</b>	
Registrar.....	2,000
Assistant registrar.....	1,200
Statistical clerks (2 at \$1,200).....	2,400
Travel, administration.....	6,000
Communication.....	3,500
Printing, administration.....	2,500
Office supplies.....	500
Medical supplies.....	7,000
Office equipment.....	250
Laboratory equipment.....	900
<b>Bureau of epidemiology, Bureau of rural sanitation and disease control in the rural districts, and dental health education.....</b>	
	17,500
Malaria control.....	7,500
Registrars of vital statistics.....	20,000
<b>Total.....</b>	<b>100,910</b>

## OREGON STATE BOARD OF HEALTH

<b>Board of health:</b>	
Albert Mount, M. D., president, Oregon City.	
J. P. Brennan, M. D., vice president, Pendleton.	
Robert L. Benson, M. D., Portland.	
H. H. Foskett, M. D., Portland.	
N. E. Irvine, M. D., Lebanon.	
J. H. Rosenberg, M. D., Prineville.	
J. H. Rossman, D. M. D., Portland.	
<b>Executive health officer:</b>	
*Frederick D. Stricker, M. D., secretary and State health officer, Portland.	
<b>Registrar of vital statistics:</b>	
*Frederick D. Stricker, M. D., Portland.	
<b>Division of public health nursing and child hygiene:</b>	
*Mary P. Billmeyer, R. N., Portland.	
<b>Director of laboratory:</b>	
*William Levin, D. P. H., Portland.	
<b>Appropriations for fiscal year ending December 31, 1933, \$28,864.50.</b>	
<b>Publications issued by health department:</b>	
Annual report.	
Biennial report.	
Pamphlets and posters.	
Weekly letter.	

## PENNSYLVANIA DEPARTMENT OF HEALTH

<b>Advisory health board:</b>	
Theodore B. Appel, M. D., chairman.	
Ross V. Patterson, M. D., Philadelphia.	
William G. Turnbull, M. D., Philadelphia.	
John M. Beck, M. D., Alexandria.	
C. B. Auel, M. E., Pittsburgh.	
Saylor T. McGhee, M. D., Lock Haven.	
W. L. Eicher, Oakmont.	
<b>Sanitary water board:</b>	
Theodore B. Appel, M. D., chairman.	
Lewis E. Staley, secretary of forests and waters, Harrisburg.	
O. M. Deibler, commissioner of fisheries, Harrisburg.	
Elmer A. Holbrook, Pittsburgh.	
W. C. McCormick, Williamsport.	
Edmund C. Wingerd, Chambersburg.	
<b>Executive bureau:</b>	
*Martha E. McBride-Dexter, M. D., secretary of health, Harrisburg.	
*J. Bruce McCreary, M. D., deputy secretary of health, Harrisburg.	
*Clifton T. Williams, comptroller, Harrisburg.	
<b>Division of accounts:</b>	
*E. J. McNamara, Harrisburg.	
<b>Division of supplies:</b>	
*Roy G. Miller, Harrisburg.	
<b>Division of laboratories:</b>	
*John L. Laird, M. D., Philadelphia.	
<b>Institutions:</b>	
<b>Mont Alto sanatorium:</b>	
*R. H. McCutcheon, M. D., medical director, South Mountain.	
<b>Cresson sanatorium:</b>	
*T. H. A. Stites, M. D., medical director, Cresson.	

**Institutions—Continued.**

**Hamburg sanatorium:**  
 \*H. A. Gorman, M. D., medical director, Hamburg.  
**State hospital for crippled children:**  
 \*Francis S. Chambers, M. D., medical director, Elizabethtown.  
 \*L. G. Ownes, business manager, Elizabethtown.  
**Bureau of health law enforcement:**  
 \*J. Bruce McCreary, M. D.  
**Division of school inspection:**  
 \*Charles W. Sheldon, M. D., county medical director, Wellsboro.  
 \*John W. German, Harrisburg.  
**Pre-school division:**  
 \*Mary Riggs Noble, M. D., Harrisburg.  
**Division of public health education:**  
 \*J. C. Funk, LL. B., Harrisburg.  
**Division of drug control:**  
 \*Harold V. Smith, Harrisburg.  
**Division of restaurant hygiene:**  
 \*Howard M. Haines, Harrisburg.  
**Bureau of health conservation:**  
 \*J. Moore Campbell, M. D., Harrisburg.  
**Division of tuberculosis clinics:**  
 \*John B. Critchfield, M. D., Harrisburg.  
**Division of environmental hygiene:**  
 \*Howard F. Bronson, Harrisburg.  
**Division of genito-urinary diseases:**  
 \*Edgar S. Everhart, M. D., Harrisburg.  
**Division of epidemiology:**  
 \*S. J. Dickey, M. D., Harrisburg.  
**Bureau of nursing:**  
 \*Mrs. Mary S. Evans, R. N., Harrisburg.  
**Bureau of milk sanitation:**  
 Wilbur K. Moffett, Harrisburg.  
**Bureau of sanitary engineering:**  
 \*W. L. Stevenson, Harrisburg.  
**Bureau of vital statistics:**  
 \*Emlyn Jones, M. D., Harrisburg.  
**Appropriation for biennial period ending May 31, 1935:**

Salary of secretary.....	\$20,000
General health purposes and maintenance of sanatoria and hospital for crippled children.....	5,257,000
Salinity survey of Delaware River.....	25,000
<b>Total.....</b>	<b>5,302,000</b>

**PHILIPPINE ISLANDS BUREAU OF HEALTH**

**Director of health:**  
 \*Jacobo Fajardo, M. D., Manila.  
**Assistant to the director:**  
 Regino G. Padua, M. D., D. T. M., Dr. P. H.  
**Council of hygiene, advisory board to the director of health:**  
 Benito Valdes, M. D., chairman.  
 Gervasio de Ocampo, M. D.  
 Jose Albert, M. D.  
 Proceso Gabriel, M. D.  
 Hilario Lara, M. D., Dr. P. H.  
 Eulogio P. Revilla, LL. B.  
 Vicente P. Genato.  
 Jose P. Bantug, Ph. G., M. D., secretary.  
**Executive health officer:**  
 \*Jacobo Fajardo, M. D., director of health, Manila.  
**Division of administration:**  
 \*Leoncio Lopez-Rizal, M. D., chief.  
 \*Geronimo Mercado, P. A., chief clerk.  
**Personnel section:**  
 \*Jose Villacorta, chief.  
**Records section:**  
 \*Victorio Yabot, chief.  
**Finance section:**  
 \*Lope O. Tayao, chief.  
**Property section:**  
 \*Bonifacio Mencias, M. D., chief.  
**Publicity section:**  
 \*Jose P. Bantug, Ph. G., M. D., chief.  
**Nursing section:**  
 \*Genera S. Manongdo, R. N., chief.  
**Nutrition section:**  
 Froilan Eubanas, M. D., C. P. H., in charge.

**Division of hospitals and dispensaries:**  
 \*Eusebio D. Aguilar, M. D., chief.  
**Baguio Hospital:**  
 \*Teodoro C. Arvisu, M. D., chief.  
**Cullion Leper Colony:**  
 \*Jose M. Raymond, M. D., C. P. H., chief.  
 \*Casimiro B. Lara, M. D., chief physician.  
**Insular Psychopathic Hospital:**  
 Elias Domingo, M. D., chief alienist.  
**San Lazaro Hospital:**  
 Catalino Gavino, M. D., chief.  
**Southern Islands Hospital:**  
 Augusto P. Villalon, M. D., chief.  
**Division of maternal and child hygiene:**  
 \*Franquillo Elicasno, M. D., chief.  
**Section of school health supervision:**  
 Mariano C. Icasiano, M. D., C. P. H., chief.  
**Section of puericulture center clinics:**  
 Demetrio Belmonte, M. D., chief.  
**Section of maternity hospitals:**  
 \*Demetrio Belmonte, M. D., acting chief.  
**Section of midwifery instruction:**  
 Eusebio Salud, M. D., chief.  
**Division of epidemiology:**  
 \*Eugenio Hernando, M. D., C. P. H., chief.  
**Section of vital statistics:**  
 \*Jose Guidote, M. D., C. P. H., chief.  
**Section of tuberculosis control:**  
 \*Sixto A. Francisco, M. D., chief.  
**Section of leprosy:**  
 \*Sulpicio Chiyuto, M. D., chief.  
 \*Cristobal Manalang, M. D., D. T. M., chief pathologist.  
 \*Jose Rodriguez, M. D., C. P. H., general supervisor of regional leprosy treatment stations.  
**Section of malaria control:**  
 Antonio Ejercito, M. D., chief.  
**Section of control of other preventable diseases:**  
 Angel Alomia, M. D., C. P. H., chief.  
**Division of sanitation:**  
 \*Gabriel Intengan, M. D., chief.  
**Section of urban sanitation:**  
 \*Felipe Arenas, M. D., C. P. H., chief.  
**Section of rural sanitation:**  
 \*Enrique F. Ochoa, M. D., C. P. H., chief.  
**Section of sanitary engineering:**  
 Manuel Mañosa, C. E., chief.  
**Section of immunization:**  
 \*Jose Sian, M. D., C. P. H., chief.  
**Appropriation for fiscal year ended December 31, 1934:**

Salaries and wages.....	\$460,512.25
Miscellaneous expenses.....	545,630.00
Furniture and equipment.....	2,802.00
<b>Total.....</b>	<b>1,008,944.25</b>

**Special expenses:**

For tuberculosis control work, act 3743.....	10,319.50
Continuation of treatment and diagnosis of lepers.....	93,635.50
Maintenance of regional treatment stations, etc.....	59,670.00
Aid to specially organized Provinces.....	156,978.50
Aid to Province of Ilocos Sur for the operation, maintenance, and equipment of the Cervantes Hospital.....	5,027.50
School of nursing in Baguio.....	3,286.50
Medicines and medical and surgical supplies for distribution to public-school dispensaries.....	2,000.00
General demonstration on a small scale of the practical control of beriberi.....	4,688.00
Control of malaria in the regularly specially organized Provinces and municipal districts.....	16,231.50
For insular aid for operation and maintenance of provincial hospitals.....	65,817.50
For the support of the Philippine Islands Antituberculosis Society.....	23,750.00

**Appropriation for fiscal year ended December 31, 1934—Continued.**
**Special expenses—Continued.**

For the operation of the maternity hospital, including the training of midwives in the city of Manila.....	24, 120. 50
Aid to puericulture centers.....	46, 395. 50
<b>Total for special expenses.....</b>	<b>511, 920. 50</b>

Less required savings in any item of salaries and wages, miscellaneous expenses, furniture and equipment, and special expenses.....	75, 527. 26
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Grand total of appropriation.. 1, 445, 337. 49

**Publications issued by the bureau of health:**

Daily Service News.	
Weekly comparative epidemiological résumé.	
Weekly résumé of births and deaths.	
Monthly bulletin.	
Health Messenger (monthly).	
Annual report.	
Service numbered pamphlets.	
Reprints (unnumbered pamphlets).	
Posters.	

**PUERTO RICO DEPARTMENT OF HEALTH**
**Insular board of health:**

R. López Sicardó, M. D., chairman, San Juan.
W. A. Glines, M. D., San Juan.
E. Koppisch, M. D., San Juan.
Blas C. Herrero, M. D.
H. Cook, expert chemist.
Etienne Totti, civil and sanitary engineer, San Juan.

A. Rivera, veterinarian.
Manuel del Valle, D. D. S.
A. Ortiz Toro, attorney, San Juan.
Luis B. de la Vega, M. D., secretary.

**Executive health officer:**

*E. Garrido Morales, M. D., Dr. P. H., commissioner of health, San Juan.
*Antonio Arbona, M. D., assistant commissioner of health, section of public health, San Juan.
*Pedro Malaret, M. D., assistant commissioner of health, section of charities, San Juan.

**Division of property and accounts:**

*Rafael Méndez, chief, San Juan.
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**Bureau of general sanitation:**

*W. F. Lippit, M. D., chief, San Juan.
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**Bureau of sanitary engineering:**

*Octavio Marcano, sanitary engineer, San Juan.
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**Biological laboratory:**

*Oscar Costa Mandry, M. D., director, San Juan.
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**Chemical laboratory:**

*R. del Valle Sárraga, Ph. C., director, San Juan.
--

**Bureau of epidemiology and vital statistics:**

*Abel de Juan, M. D., chief, San Juan.
--

**Specialist in tuberculosis:**

*J. Rodriguez Pastor, M. D., San Juan.
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**Bureau of malaria:**

*Walter C. Earle, M. D., chief, San Juan.
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**Bureau of infant hygiene:**

*Marta Robert de Romen, M. D., chief, San Juan.
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**Bureau of public-health units:**

*George C. Payne, M. D., chief, San Juan.
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**Division of social service:**

*Beatriz Lassalle, superintendent, San Juan.
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**Appropriations for the fiscal year 1934-35:**

Office of the commissioner.....	\$97, 891. 42
Bureau of general sanitary inspection.....	40, 107. 00
Bureau of sanitary engineering.....	22, 454. 75
Biological laboratory.....	35, 333. 55
Chemical laboratory.....	17, 646. 20
Bureau of epidemiology and vital statistics.....	82, 935. 75
Bureau of malaria.....	41, 067. 00
Bureau of infant hygiene.....	12, 996. 75
Bureau of public-health units.....	306, 281. 25
Division of social service.....	5, 680. 00
Section of charities.....	622, 306. 35
<b>Total.....</b>	<b>1, 284, 700. 02</b>

**RHODE ISLAND PUBLIC HEALTH COMMISSION**
**Public health commission:**

John Champlin, Jr., M. D., chairman, Westerly.
Berton W. Storrs, M. D., Portsmouth.
James H. Prior, M. D., Providence.
Dennett L. Richardson, M. D., Providence.
Charles H. Holt, M. D., Pawtucket.

**Executive health officer:**

*Lester A. Round, Ph. D., director of public health and State registrar, State Office Building, Providence.
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**Pathologist:**

*Lester A. Round, Ph. D., Providence.
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**Division of laboratories:**

Harry Pearce, director, North Providence.
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**Division of sanitary engineering and chemistry:**

Charles L. Pool, director, Cranston.
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**Division of child hygiene:**

Marion A. Gleason, M. D., director.
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**Division of communicable diseases and rural hygiene:**

Morris L. Grover, M. D., M. P. H., director.
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**Division of vital statistics:**

*Lester A. Round, Ph. D., director.
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**Division of social hygiene:**

J. Edwards Kerney, M. D., director.
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**Appropriations for fiscal year ending June 30, 1934:**

Executive department (including vital statistics and communicable diseases).....	\$48, 420
Laboratories.....	31, 963
Sanitary engineering and chemistry.....	15, 930
Child hygiene.....	24, 065
Social hygiene.....	8, 495

**Other sources of revenue:**

Fees for medical licenses, each, \$20.
Fees for midwives' licenses, each, \$10.
Renewal of midwife licenses, each, \$0.50.
Licenses for swimming pools, each, \$20.
Licenses for camps, camp grounds, bathing beaches, bath houses, amusement resorts, each, \$10.
Fees for certified copies of births, marriages, and deaths, each, \$0.50.

**Publications:**

Annual health report.
Annual registration report.
Weekly and monthly morbidity report.
Monthly mortality report.

**SOUTH CAROLINA STATE BOARD OF HEALTH**
**Executive committee, board of health:**

William Egleston, M. D., chairman, Hartsville.
Robert Wilson, Jr., M. D., Charleston.
L. D. Boone, M. D., Aiken.
D. Lessee Smith, M. D., Spartanburg.
E. A. Hines, M. D., Seneca.
W. R. Wallace, M. D., Chester.
J. Lee Carpenter, Ph. G., Greenville.
F. M. Routh, M. D., Columbia.
George Dick, D. D. S., Sumter.
John M. Daniel, attorney general, Columbia.
A. J. Beattie, comptroller general, Columbia.

**Executive health officer:**

*James A. Hayne, M. D., State health officer, Columbia.
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**Department of county health units:**

*Ben F. Wyman, M. D., director, Columbia.
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**Laboratory:**

*H. M. Smith, M. D., director, Columbia.
*J. R. Cain, chief bacteriologist, Columbia.

**Bureau of vital statistics:**

*Martin B. Woodward, M. D., director, Columbia (paid from Rockefeller Foundation).
*Nellie C. Cunningham, chief clerk, Columbia.

**Bacteriologist and chemist:**

F. L. Parker, Jr., M. D., Charleston.
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**South Carolina Tuberculosis Sanatorium:**

*Ernest Cooper, M. D., superintendent, State Park.
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**Epidemiologist:**

Appropriations for 12 months ending June 30, 1935:  
 Administrative office..... \$19,984  
 Rural sanitation—county health work... 36,054  
 Bureau of vital statistics..... 4,538  
 Hygienic laboratory..... 9,144  
 Distribution of biologics..... 29,250

Total State board of health..... 100,070  
 Tuberculosis sanatoria..... 118,000  
 Director, bureau of vital statistics (supplementated with Rockefeller Foundation funds)..... 2,700

**SOUTH DAKOTA STATE BOARD OF HEALTH**

Board of health:  
 R. J. Quinn, M. D., president, Burke.  
 N. T. Owen, M. D., vice president, Rapid City.  
 H. J. Bartron, M. D., Watertown.  
 Carl A. Feige, M. D., Canova.  
 Park B. Jenkins, M. D., superintendent, Pierre.  
 Executive health officer:  
 \*Park B. Jenkins, M. D., Pierre.  
 Division of vital statistics:  
 \*Park B. Jenkins, M. D., Pierre.  
 Division of child hygiene:  
 \*Lottie G. Bigler, M. D., Pierre.  
 Division of sanitary engineering:  
 \*W. W. Towne, C. E., Pierre.  
 Division of medical licensure:  
 \*Park B. Jenkins, M. D., Pierre.  
 Division of records and accounts:  
 \*Katherine Niebuhr, Pierre.  
 Laboratories (at Vermillion):  
 J. C. Ohlmacher, M. D., Vermillion.  
 Appropriations:

	1933-34	1934-35
Salaries and wages.....	\$10,000	\$10,000
Biological products.....	2,000	2,000
Postage, communication, and travel.....	3,000	3,000
Crippled children.....	2,500	2,500
Dues.....	50	50
Infancy and maternity work.....	5,000	5,000
Office supplies, printing, and binding.....	2,500	2,500
Total.....	25,050	25,050

**TENNESSEE DEPARTMENT OF PUBLIC HEALTH**

Central Administration:  
 \*W. C. Williams, M. D., commissioner, Nashville.  
 County and other local health work:  
 \*W. C. Williams, M. D., director, Nashville.  
 Child hygiene and public health nursing:  
 Miss Donna Pearce, associate director, public health nursing, Nashville.  
 Division of vital statistics:  
 \*R. H. White, Ph. D., director, Nashville.  
 Division of preventable diseases:  
 \*J. A. Crabtree, M. D., C. P. H., director, Nashville.  
 Division of laboratories:  
 \*W. H. Gaub, M. D., acting director, Nashville.  
 Division of sanitary engineering:  
 \*Roy J. Morton, C. E., director, Nashville.  
 State appropriation for biennium July 1, 1933, to June 30, 1935, \$350,885—\$175,442.50 per annum.  
 Balance from old appropriation, supplementary, approximately \$55,000 for fiscal year ending June 30, 1935.  
 Other sources of revenue:  
 Rockefeller Foundation International Health Division, \$36,397.92 for year ending June 30, 1935.  
 Commonwealth fund, \$33,044 for year ending June 30, 1935.  
 U. S. Public Health Service (trachoma only), \$4,211 for year ending June 30, 1935.

**TEXAS DEPARTMENT OF HEALTH**

State board of health:  
 C. M. Rosser, M. D., chairman, Dallas.  
 J. M. Howe, C. E., vice chairman, Houston.  
 E. W. Wright, M. D., Bowie.  
 J. S. Wooten, M. D., Austin.  
 J. M. Frazier, M. D., Belton.  
 J. B. Brady, D. D. S., El Paso.  
 S. A. Woodward, M. D., Fort Worth.  
 J. S. McCalvey, M. D., Temple.  
 Henry Hein, Ph. G., San Antonio.  
 Executive health officer:  
 \*John W. Brown, M. D., State health officer, Austin.  
 Bureau of child hygiene:  
 \*H. N. Barnett, M. D., director.  
 Bureau of vital statistics:  
 \*W. A. Davis, M. D., director.  
 Bureau of laboratories:  
 \*S. W. Bohls, M. D., director.  
 Bureau of rural and county health work:  
 \*K. E. Miller, M. D., U. S. P. H. S., director.  
 Bureau of communicable disease control and epidemiology:  
 \*Charles D. Reece, M. D., director.  
 Bureau of sanitary engineering:  
 \*V. M. Ehlers, C. E., director.  
 Bureau of foods and drugs:  
 \*E. C. Koerth, Ph. G., director.  
 Bureau of public health education:  
 \*L. E. Bracy, director.  
 Appropriations for fiscal years 1934-35, per annum, \$189,350.

**UTAH STATE BOARD OF HEALTH**

Board of health:  
 Joseph R. Morrell, M. D., president, Ogden.  
 T. B. Beatty, M. D., secretary, Salt Lake City.  
 E. W. Browning, D. D. S.  
 T. J. Howells, M. D., Salt Lake City.  
 W. D. Donohor, M. D., Salt Lake City.  
 R. A. Hart, C. E., Salt Lake City.  
 Barnet E. Bonar, M. D., Salt Lake City.  
 Executive health officer:  
 \*T. B. Beatty, M. D., State health commissioner, Salt Lake City.  
 \*J. L. Jones, M. D., asst. State health commissioner and epidemiologist.  
 Bureau of vital statistics:  
 \*T. B. Beatty, M. D., State registrar.  
 Bureau of child hygiene:  
 \*T. B. Beatty, director.  
 Sanitary engineer:  
 \*Lynn Thatcher.  
 Bacteriological laboratory:  
 \*E. H. Bramhall, bacteriologist.  
 Appropriations for 2 years ending June 30, 1935, \$40,000.  
 Publications issued by health department:  
 Biennial report.  
 Monthly communicable disease report.  
 Special bulletins.

**VERMONT DEPARTMENT OF PUBLIC HEALTH**

Board of health:  
 William G. Ricker, M. D., chairman, St. Johnsbury.  
 Claude M. Campbell, M. D., Manchester.  
 Charles G. Abell, M. D., Enosburg Falls.  
 Executive health officer:  
 \*Charles F. Dalton, M. D., secretary, State board of health, Burlington.  
 Laboratory of hygiene:  
 \*Charles F. Whitney, M. D., Burlington.  
 Sanitary engineering:  
 Earle L. Waterman, C. E., director, Burlington.  
 Sanitary inspector:  
 \*Fred S. Kent, M. D., Burlington.  
 Division of communicable diseases:  
 \*Fred S. Kent, M. D., Burlington.  
 Division of tuberculosis:  
 \*H. W. Slocum, Burlington.  
 Division of poliomyelitis:  
 \*Lillian E. Kron, R. N., Burlington.

## Division of maternity and infancy:

\*Nellie M. Jones, R. N.  
 Appropriations for fiscal year ending June 30, 1934,  
 \$44,000; 1935, \$52,000.

## Other sources of revenue:

Private donations for study and treatment of  
 infantile paralysis.

## Publications issued by health department:

Biennial report.

## VIRGIN ISLANDS DEPARTMENT OF HEALTH

## Executive health officer:

\*Knud Knud-Hansen, M. D., commissioner of  
 public health, St. Thomas.

## VIRGINIA DEPARTMENT OF HEALTH

## Board of health:

W. T. Graham, M. D., president, Richmond.  
 Mrs. Franklin H. Kenworthy, Purcellville.  
 Frank Darling, Hampton.  
 J. A. McGuire, M. D., Norton.  
 George B. Lawson, M. D., Roanoke.  
 Guy R. Harrison, D. D. S., Richmond.  
 L. T. Royster, M. D., University.

## Executive health officer:

\*I. C. Riggan, M. D., State health commissioner,  
 Richmond.

## Assistant health officer:

\*Roy K. Flannagan, M. D., Richmond.

Director of rural health work and tuberculosis  
out-patient service:

\*E. L. McQuade, M. D., D. P. H., Richmond.

## Epidemiologist:

\*G. F. McGinnes, M. D., Richmond.

## Director of child health:

\*B. B. Bagby, M. D., Richmond.

## Registrar of vital statistics:

\*W. A. Flecker, M. D., Richmond.

## Director of public-health nursing:

\*Mary I. Mastin, R. N., Richmond.

## Director of mouth hygiene:

\*N. T. Ballou, D. D. S., Richmond.

## Bacteriologist:

\*Adah Corpening, Richmond.

## Chief sanitary engineer:

\*Richard Messer, C. E., Richmond.

Appropriations (subject to salary reduction of 10  
 percent, and general appropriation reduction of  
 5 percent), for the fiscal year ending June 30,  
 1935:

Administration.....	\$22,710
Sanitary engineering.....	19,450
Publicity.....	7,245
Town sanitation.....	4,075
Social hygiene.....	1,545
Prevention of tuberculosis.....	45,000
Control of epidemics.....	16,875
Laboratories.....	18,470
Promotion of child health.....	44,650
Rural health work.....	103,475
Shellfish inspection—sanitation.....	15,000
Vital statistics.....	29,410
Orthopedic treatment.....	21,250
Collection and publication of marriage and divorce statistics.....	3,845
Prevention of blindness.....	2,260
Tuberculosis sanatoria.....	355,377
State aid to local tuberculosis sanatoria.....	34,000
Total.....	744,637

## Publications issued by health department:

Monthly bulletin.

Annual report.

## WASHINGTON STATE DEPARTMENT OF HEALTH

## Board of health:

E. R. Coffey, M. D., director of health, chairman,  
 Seattle.  
 Ralph Hendricks, M. D., Spokane.  
 Alexander Peacock, M. D., Seattle.  
 H. E. Wight, D. D. S., Yakima.  
 E. N. Hutchinson, D. V. M., Olympia.

## Department of health:

\*E. R. Coffey, M. D., director, Seattle.

## Division of laboratories and epidemiology:

\*A. U. Simpson, M. D., epidemiologist, Seattle.

## Division of public health engineering:

\*Roy M. Harris, public health engineer, Seattle.

Division of maternal and child hygiene and public  
health nursing:

\*Albert McCown, M. D., Seattle.

\*Mrs. Mary Louise Allen, R. N., Seattle.

## Division of vital statistics:

\*Francis D. Rhoads, State registrar, Seattle.

Appropriation for 2 years ending March 31, 1935:

Salaries.....	\$48,787
Operation.....	29,250
State aid to local tuberculosis sanatoria.....	350,000

## WEST VIRGINIA DEPARTMENT OF HEALTH

## Public health council:

A. H. Hoge, M. D., Bluefield.  
 S. W. Price, M. D., Scarbro.  
 W. C. D. McCuskey, M. D., Wheeling.  
 W. E. Vest, M. D., Huntington.  
 B. W. Swint, M. D., Charleston.  
 M. T. Morrison, M. D., Sutton.  
 W. E. Minghini, D. D. S., Martinsburg.  
 Arthur E. McClue, M. D., commissioner of  
 health, Charleston.

## Executive health officer:

\*Arthur E. McClue, M. D., commissioner of  
 health, Charleston.

## Division of sanitary engineering:

\*Ellis S. Tisdale, chief engineer, Charleston.

\*John B. Harrington, B. E., assistant engineer,  
 Charleston.

\*A. J. Kranaskas, C. E., assistant engineer,  
 Charleston.

## Division of vital statistics:

\*John F. Cadden, M. D., director, Charleston.

## Division of child hygiene:

\*A. M. Price, M. D., acting director, Charleston.

## State advisory nurse:

\*Mrs. Mary Keith Cauthorne, R. N., Charleston.

## Division of preventable diseases:

\*Arthur E. McClue, M. D., acting director,  
 Charleston.

## Bureau of venereal diseases:

\*Mrs. Ada C. McDermott, associate director,  
 Charleston.

## Division of rural sanitation:

\*A. M. Price, M. D., director, Charleston.

## Hygienic laboratory:

\*Miss Katharine Cox, director, Charleston.

\*Margaret K. Rife, technician, Charleston.

\*J. Roy Monroe, technician, Charleston.

\*Mark C. Harp, technician, Charleston.

## Bureau of public health education:

\*Dorothea Campbell, director, Charleston.

## Appropriation for fiscal year ending June 30, 1935:

For general use.....	\$100,000
Fees (if collected).....	7,500
Salary of commissioner.....	3,600

Total..... 111,100

## Other sources of revenue:

Expenses of cooperative rural health work with  
 the Rockefeller Foundation.

## Publications issued:

Annual report.

Quarterly bulletin.

## WISCONSIN STATE BOARD OF HEALTH

## Board of health:

Stephen Cahana, M. D., president, Milwaukee.  
 Joseph Dean, M. D., vice president, Madison.  
 G. Windesheim, M. D., Kenosha.  
 J. J. Seelman, M. D., Milwaukee.  
 Mina B. Glasier, M. D., Bloomington.  
 H. H. Ainsworth, M. D., Birchwood.  
 C. A. Harper, M. D., State health officer, Mad-  
 ison.

## Executive health officer:

\*C. A. Harper, M. D., State health officer, Mad-  
 ison.

## Assistant State health officer:

\*G. W. Henika, M. D., Madison.

**Deputy State health officers:**

- \*W. J. Miller, M. D., Madison.
- \*G. E. Hoyt, M. D., Milwaukee.
- \*V. A. Gudex, M. D., Oshkosh.
- \*F. P. Daly, M. D., Chippewa Falls.
- \*R. L. Frisbie, M. D., Rhinelander.

**Bureau of vital statistics:**

- \*C. A. Harper, M. D., State registrar, Madison.
- \*L. W. Hutcheroff, statistician, Madison.

**Bureau of communicable diseases:**

- \*H. M. Guilford, M. D., director, Madison.

**Bureau of sanitary engineering:**

- \*L. F. Warrick, State sanitary engineer, Madison.
- \*O. J. Muegge, assistant sanitary engineer, Madison.
- \*E. J. Beatty, assistant sanitary engineer, Madison.
- \*J. M. Holderby, assistant sanitary engineer, Madison.
- \*E. J. Tully, chemical engineer, Madison.

**Bureau of education:**

- \*John Culnan, director, Madison.

**Bureau of child welfare:**

- \*Charlotte Calvert, M. D., director, Madison.
- \*Frances Cline, M. D., child-health physician, Madison.
- \*Margaret Nelson, M. D., child-health physician, Madison.
- \*Elizabeth Taylor, M. D., child-health physician, Madison.
- \*Helen Thayer, organizer of infant hygiene courses, Madison.

**Bureau of public-health nursing:**

- \*Cornelia Van Kooy, R. N., director, Madison.
- \*Martha Jenny, R. N., field advisory nurse, Madison.
- \*Maude Tollefson, R. N., advisory public-health nurse.

**Bureau of nursing education:**

- \*Barbara A. Thompson, R. N., director, Madison.

**Bureau of plumbing and domestic sanitary engineering:**

- \*Frank R. King, State domestic sanitary engineer, Madison.

**Bureau of social hygiene:**

- \*H. M. Guilford, M. D., director, Madison.
- \*Aimee Zillmer, lecturer, Madison.
- \*D. M. Warner, lecturer, Madison.

**Laboratory service:**

- \*W. D. Stovall, M. D., director, State laboratories, Madison.
- \*M. S. Nichols, chemist, State laboratory, Madison.
- \*Anna Brandsmark, director, branch laboratory, Rhinelander.
- \*Mildred Englebert, director, cooperative laboratory, Beloit.

**Laboratory service—Continued.**

- \*Marjorie Bates, director, cooperative laboratory, Oshkosh.
- \*Henry Miller, director, cooperative laboratory, Kenosha.
- \*Josephine Foote, director, cooperative laboratory, Wausau.
- \*Martha Thompson, director, cooperative laboratory, Superior.
- \*Clarissa McFetridge, director, cooperative laboratory, Green Bay.
- \*Elizabeth Mathewson, director, cooperative laboratory, Sheboygan.

**Appropriations for each of fiscal years ending June 30, 1934 and 1935:**

General administration.....	\$135,000
Licensing:	
Embalmers.....	5,000
Hotels and restaurants.....	27,000
Barbers.....	15,000
Plumbers.....	16,000
Beauty parlors.....	15,000
Nurses.....	16,000
(All moneys received as license fees revert directly to the State general fund and the above amounts are appropriated for the various departments' use in each field.)	
Bureau of child welfare and public health nursing.....	43,350
Enforcement of medical practices act.....	2,500
Total.....	274,850

Publications issued by health department:  
 Quarterly bulletin.  
 Biennial report.  
 Other bulletins on communicable diseases.

**WYOMING DEPARTMENT OF PUBLIC HEALTH**

**Board of health:**

- Earl Whedon, M. D., president, Sheridan.
- B. V. McDermott, M. D., vice president, Superior.
- W. H. Hased, M. D., secretary and executive officer, Cheyenne.
- Evald Olson, M. D., Meeteetse.
- E. W. DeKay, M. D., Laramie, Wyo.

**Executive health officer:**

- \*W. H. Haased, M. D., State health officer, Cheyenne.

**Appropriations for biennial period ending Mar. 31, 1935:**

State board of health.....	\$9,000
Salary of secretary.....	8,000
Maternal and infant welfare.....	5,000
Bureau of vital statistics.....	2,800
Total.....	24,800

**DEATHS DURING WEEK ENDED FEB. 9, 1935**

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

	Week ended Feb. 9, 1935	Corresponding week, 1934
<b>Data from 86 large cities of the United States:</b>		
Total deaths.....	9,428	8,786
Deaths per 1,000 population, annual basis.....	13.1	12.2
Deaths under 1 year of age.....	645	574
Deaths under 1 year of age per 1,000 estimated live births.....	59	53
Deaths per 1,000 population, annual basis, first 6 weeks of year.....	13.1	12.5
<b>Data from industrial insurance companies:</b>		
Policies in force.....	67,235,778	67,489,817
Number of death claims.....	13,845	13,811
Death claims per 1,000 policies in force, annual rate.....	10.7	10.7
Deaths claims per 1,000 policies, first 6 weeks of year, annual rate.....	11.0	11.0



# 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 Feb. 16, 1935, and Feb. 17, 1934

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Feb. 16, 1935, and Feb. 17, 1934

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934
<b>New England States:</b>								
Maine.....	1	2	9	3	349	4	0	0
New Hampshire.....					16	174	0	0
Vermont.....		1			3	45	0	0
Massachusetts.....	11	7			549	2,386	0	3
Rhode Island.....	1	3	2		17	2	0	0
Connecticut.....	1	3	21	3	620	39	0	0
<b>Middle Atlantic States:</b>								
New York.....	42	47	124	123	1,391	804	3	4
New Jersey.....	11	20	17	24	407	382	3	1
Pennsylvania.....	52	45			3,004	1,056	4	3
<b>East North Central States:</b>								
Ohio.....	95	42	255	131	912	436	13	2
Indiana.....	35	29	113	57	562	450	5	0
Illinois.....	60	38	67	40	2,509	512	9	6
Michigan.....	9	15	31	3	895	44	4	2
Wisconsin.....	3	10	120	98	1,458	1,164	3	2
<b>West North Central States:</b>								
Minnesota.....	2	9	45	3	1,884	220	1	1
Iowa.....	10	7	87	13	1,462	78	3	2
Missouri.....	43	59	703	288	745	1,778	12	3
North Dakota.....	3	7	23		133	46	0	1
South Dakota.....		1			41	159	0	1
Nebraska.....	11	4		22	301	109	5	0
Kansas.....		27	40	10	1,300	121	6	3
<b>South Atlantic States:</b>								
Delaware.....	1	2	1	2	1	143	0	0
Maryland.....	8	8	113	45	54	342	2	0
District of Columbia.....	9	5	1	5	7	413	3	0
Virginia.....	20	25			913	725	5	1
West Virginia.....	24	13	401	33	437	18	3	0
North Carolina.....	23	25	210	75	653	3,040	2	2
South Carolina.....	5	7	797	841	54	496	0	0
Georgia.....	10	24	481	229		1,515	0	0
Florida.....	20	2	92	2	48	123	0	0

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Feb. 16, 1935, and Feb. 17, 1934—Continued

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934
<b>East South Central States:</b>								
Kentucky.....	14	25	99	67	679	265	2	1
Tennessee.....	16	16	515	183	67	904	14	1
Alabama.....	16	16	1,862	186	766	525	2	1
Mississippi.....	8	8					3	0
<b>West South Central States:</b>								
Arkansas.....	3	4	80	67	22	765	2	2
Louisiana.....	41	16	24	11	94	113	0	1
Oklahoma.....	13	15	437	121	84	449	5	6
Texas.....	41	197	981	1,076	202	1,816	6	3
<b>Mountain States:</b>								
Montana.....		2	311	49	135	16	3	0
Idaho.....	2				68	19	0	0
Wyoming.....					16	56	0	0
Colorado.....	10	7	3		600	63	0	0
New Mexico.....	7	3	25	9	14	105	0	0
Arizona.....		6	81	15	17	24	0	2
Utah.....					7	815	0	0
<b>Pacific States:</b>								
Washington.....		6	41	3	349	268	3	0
Oregon.....	2	4	173	49	102	49	0	0
California.....	56	50	306	39	530	1,340	8	3
<b>Total.....</b>	<b>739</b>	<b>862</b>	<b>8,591</b>	<b>3,825</b>	<b>24,477</b>	<b>24,425</b>	<b>134</b>	<b>57</b>

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934
<b>New England States:</b>								
Maine.....	0	0	29	24	0	0	0	3
New Hampshire.....	0	0	8	33	0	0	0	1
Vermont.....	0	0	11	17	0	0	0	0
Massachusetts.....	0	0	172	251	0	0	0	3
Rhode Island.....	0	0	15	12	0	0	0	0
Connecticut.....	0	0	65	50	0	0	0	0
<b>Middle Atlantic States:</b>								
New York.....	1	1	717	694	0	0	7	4
New Jersey.....	0	1	154	221	0	0	1	4
Pennsylvania.....	1	2	686	740	0	0	12	13
<b>East North Central States:</b>								
Ohio.....	3	0	1,225	753	1	0	5	8
Indiana.....	0	0	254	291	3	1	3	6
Illinois.....	2	1	948	621	1	5	11	2
Michigan.....	0	1	379	517	1	4	2	3
Wisconsin.....	1	0	627	231	18	33	2	4
<b>West North Central States:</b>								
Minnesota.....	1	0	97	59	0	2	0	0
Iowa.....	1	0	97	78	4	3	1	1
Missouri.....	0	1	155	212	2	7	2	10
North Dakota.....	0	0	68	31	0	1	1	0
South Dakota.....	0	0	9	18	3	1	1	1
Nebraska.....	0	0	41	23	78	6	0	2
Kansas.....	0	0	110	115	9	4	0	2
<b>South Atlantic States:</b>								
Delaware.....	0	0	14	10	0	0	0	0
Maryland.....	0	0	85	87	0	0	1	4
District of Columbia.....	0	1	36	14	0	0	0	0
Virginia.....	3	0	74	74	0	0	13	5
West Virginia.....	0	1	155	84	0	0	5	2
North Carolina.....	0	1	42	51	0	0	1	2
South Carolina.....	0	0	3	10	0	0	0	6
Georgia.....	0	0	19	0	0	0	3	5
Florida.....	1	0	13	1	0	0	1	2

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Feb. 16, 1935, and Feb. 17, 1934—Continued*

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934	Week ended Feb. 16, 1935	Week ended Feb. 17, 1934
<b>East South Central States:</b>								
Kentucky.....	0	0	36	79	0	1	12	2
Tennessee.....	1	0	57	64	0	0	0	2
Alabama.....	1	1	14	20	0	2	4	2
Mississippi <sup>1</sup> .....	0	0	9	11	1	0	5	1
<b>West South Central States:</b>								
Arkansas.....	0	0	15	10	1	22	2	2
Louisiana.....	0	0	26	26	0	7	16	11
Oklahoma <sup>4</sup> .....	0	0	23	27	3	8	4	5
Texas <sup>2</sup> .....	0	0	74	179	111	53	29	39
<b>Mountain States:</b>								
Montana.....	0	0	9	12	1	0	0	0
Idaho.....	0	0	7	10	0	1	1	0
Wyoming <sup>3</sup> .....	0	0	3	6	3	1	1	0
Colorado.....	2	0	239	56	8	14	0	0
New Mexico.....	0	0	19	34	2	0	3	2
Arizona.....	0	0	29	22	0	0	0	0
Utah <sup>2</sup> .....	0	0	82	10	0	2	0	0
<b>Pacific States:</b>								
Washington.....	1	0	52	45	37	3	4	1
Oregon.....	0	0	57	38	3	1	0	1
California.....	13	3	254	247	9	4	4	5
<b>Total.....</b>	<b>32</b>	<b>14</b>	<b>7,293</b>	<b>6,218</b>	<b>299</b>	<b>186</b>	<b>157</b>	<b>166</b>

<sup>1</sup> New York City only.

<sup>2</sup> Week ended earlier than Saturday.

<sup>3</sup> Typhus fever, week ended Feb. 16, 1935, 12 cases, as follows: North Carolina, 1; South Carolina, 2; Georgia, 5; Florida, 1; Texas, 3.

<sup>4</sup> Exclusive of Oklahoma City and Tulsa.

<sup>5</sup> Rocky Mountain spotted fever, week ended Feb. 16, 1935, Wyoming, 1 case.

### 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	Meningococcus meningitis	Diphtheria	Influenza	Malaria	Measles	Pel-lagra	Polio-myelitis	Scarlet fever	Small-pox	Ty-phoid fever
<i>December 1934</i>										
Missouri.....	11	275	554	22	797	-----	0	485	8	64
<i>January 1935</i>										
Alabama.....	7	75	3,120	76	687	19	3	78	12	7
Arkansas.....	5	52	352	10	57	22	0	27	11	11
Maine.....	-----	11	22	-----	593	-----	1	80	0	1
Maryland.....	1	35	1,895	2	285	-----	1	460	0	10
Massachusetts.....	4	35	-----	1	1,246	1	2	775	0	6
Minnesota.....	7	41	148	-----	5,857	-----	6	536	31	7
Nebraska.....	10	36	27	-----	862	-----	1	285	147	6
New Jersey.....	2	81	707	1	469	-----	2	525	0	10
New Mexico.....	9	24	624	-----	166	1	0	93	0	14
North Carolina.....	9	118	1,865	-----	3,011	14	2	232	1	13
South Carolina.....	3	303	6,418	180	61	47	1	36	-----	6
Texas.....	9	290	1,789	979	-----	39	7	307	-----	103

<i>December 1934</i>		<i>January 1935</i>		<i>January 1935</i>	
<b>Missouri:</b>	<b>Cases</b>	<b>German measles:</b>	<b>Cases</b>	<b>Septic sore throat—Con.</b>	<b>Cases</b>
Chicken pox.....	476	Alabama.....	2	New Mexico.....	5
Dysentery.....	13	Maine.....	173	North Carolina.....	10
Epidemic encephalitis.....	5	Maryland.....	14	<b>Tetanus:</b>	
Mumps.....	129	Massachusetts.....	810	Alabama.....	6
Rabies in animals.....	8	New Jersey.....	105	Massachusetts.....	2
Septic sore throat.....	52	New Mexico.....	253	New Jersey.....	1
Tularaemia.....	32	North Carolina.....	47	<b>Trachoma:</b>	
Undulant fever.....	3	<b>Hookworm disease:</b>		Massachusetts.....	1
Whooping cough.....	294	South Carolina.....	43	Minnesota.....	1
		<b>Impetigo contagiosa:</b>		New Jersey.....	1
		Maryland.....	20	<b>Trichinosis:</b>	
		<b>Jaundice, epidemic:</b>		Massachusetts.....	5
		Maryland.....	5	New Jersey.....	2
		<b>Mumps:</b>		<b>Tularaemia:</b>	
<b>Actinomycosis:</b>		Alabama.....	75	Alabama.....	1
Massachusetts.....	2	Arkansas.....	37	Maryland.....	12
<b>Chicken pox:</b>		Maine.....	26	Minnesota.....	3
Alabama.....	475	Maryland.....	83	New Jersey.....	1
Arkansas.....	69	Massachusetts.....	302	North Carolina.....	5
Maine.....	270	Nebraska.....	225	South Carolina.....	1
Maryland.....	783	New Jersey.....	387	<b>Typhus fever:</b>	
Massachusetts.....	1,899	New Mexico.....	52	Alabama.....	11
Minnesota.....	679	South Carolina.....	188	Maryland.....	2
Nebraska.....	340	<b>Ophthalmia neonatorum:</b>		New Jersey.....	1
New Jersey.....	1,722	Maryland.....	1	North Carolina.....	4
New Mexico.....	88	Massachusetts.....	97	South Carolina.....	2
North Carolina.....	634	New Jersey.....	3	<b>Undulant fever:</b>	
South Carolina.....	94	New Mexico.....	1	Maryland.....	2
<b>Conjunctivitis:</b>		North Carolina.....	1	Massachusetts.....	1
New Mexico.....	1	South Carolina.....	7	Minnesota.....	4
<b>Dengue:</b>		<b>Paratyphoid fever:</b>		New Jersey.....	2
Alabama.....	3	Arkansas.....	4	North Carolina.....	2
South Carolina.....	1	North Carolina.....	1	South Carolina.....	1
<b>Diarrhea:</b>		Texas.....	7	<b>Vincent's infection:</b>	
Maryland.....	3	<b>Puerperal septicemia:</b>		Maine.....	4
South Carolina.....	140	New Mexico.....	1	Maryland.....	8
<b>Dysentery:</b>		<b>Rabies in animals:</b>		<b>Whooping cough:</b>	
Maryland.....	2	Alabama.....	165	Alabama.....	172
Massachusetts (amoebic).....	1	Maryland.....	2	Arkansas.....	42
Minnesota (bacillary).....	2	Massachusetts.....	28	Maine.....	225
New Jersey (amoebic).....	2	New Jersey.....	7	Maryland.....	174
New Jersey (bacillary).....	4	South Carolina.....	69	Massachusetts.....	839
New Mexico.....	2	<b>Rocky Mountain spotted fever:</b>		Minnesota.....	166
<b>Epidemic encephalitis:</b>		Maryland.....	1	Nebraska.....	43
Alabama.....	4	<b>Septic sore throat:</b>		New Jersey.....	1,406
Massachusetts.....	1	Maine.....	1	New Mexico.....	96
Minnesota.....	3	Maryland.....	10	North Carolina.....	1,120
Nebraska.....	1	Massachusetts.....	12	South Carolina.....	88
New Jersey.....	2	Nebraska.....	2		
South Carolina.....	4				
<b>Food poisoning:</b>					
New Mexico.....	1				

## CASES OF VENEREAL DISEASES REPORTED FOR DECEMBER 1934

This statement is published monthly for the information of health officers in order to furnish current data as to the prevalence of the venereal diseases. The figures are taken from reports received from State health officers. They are preliminary and are, therefore, subject to correction. It is hoped that the publication of these reports will stimulate more complete reporting of these diseases.

State	Syphilis		Gonorrhea	
	Cases reported during month	Monthly case rates per 10,000 population	Cases reported during month	Monthly case rates per 10,000 population
Alabama <sup>1</sup> .....				
Arizona.....	22	0.49	155	3.42
Arkansas <sup>2</sup> .....	298	1.59	215	1.15
California.....	1,160	1.91	1,245	2.05
Colorado <sup>1</sup> .....				
Connecticut.....	50	.30	61	.37
Delaware.....	140	5.81	31	1.29
District of Columbia.....	127	2.57	88	1.78
Florida.....	349	2.25	55	.35
Georgia.....	583	2.00	350	1.20
Idaho.....	0		0	
Illinois.....	1,242	1.59	1,053	1.35
Indiana.....	178	.54	72	.22
Iowa <sup>1</sup> .....	151	.61	125	.50
Kansas.....	100	.53	80	.42
Kentucky.....	177	.67	218	.83
Louisiana.....	156	.72	82	.38
Maine.....	40	.50	34	.42
Maryland.....	669	4.02	190	1.14
Massachusetts.....	383	.89	570	1.32
Michigan.....	546	1.08	547	1.06
Minnesota.....	322	1.24	289	1.11
Mississippi.....	932	4.55	1,549	7.57
Missouri.....	645	1.76	363	.99
Montana <sup>3</sup> .....	35	.65	33	.61
Nebraska.....	27	.19	51	.37
Nevada <sup>1</sup> .....				
New Hampshire.....	13	.28	12	.26
New Jersey.....	492	1.17	250	.60
New Mexico <sup>1</sup> .....	51	1.18	41	.94
New York.....	4,507	3.48	1,157	.89
North Carolina.....	830	2.53	235	.72
North Dakota.....	22	.32	38	.55
Ohio <sup>1</sup> .....	685	1.01	340	.50
Oklahoma <sup>1</sup> .....	246	1.18	155	.74
Oregon.....	34	.35	81	.82
Pennsylvania.....	261	.27	199	.20
Rhode Island.....	127	1.81	102	1.45
Rhode Island <sup>1</sup> .....	220	1.26	353	2.02
South Carolina <sup>1</sup> .....	5	.07	28	.40
South Dakota.....	1,090	4.09	582	2.18
Tennessee.....	447	.74	161	.27
Texas.....				
Utah <sup>1</sup> .....	23	.64	20	.55
Vermont.....	389	1.59	243	1.00
Virginia.....	207	1.29	197	1.23
Washington.....				
West Virginia <sup>1</sup> .....				
Wisconsin <sup>4</sup> .....	114	.38	21	.07
Wyoming <sup>1</sup> .....				
Total.....	18,095	1.52	11,671	.98

<sup>1</sup> Not reporting.

<sup>2</sup> Incomplete.

<sup>3</sup> Have been reporting regularly but no report received for current month.

<sup>4</sup> Only cases of syphilis in the infectious stage are reported.

NOTE.—Surveys in which all medical sources have been contacted in representative communities throughout the United States have revealed that the monthly rate per 10,000 population is 6.6 for syphilis and 10.2 for gonorrhea.

WEEKLY REPORTS FROM CITIES

City reports for week ended Feb. 9, 1935

[This table summarizes the reports received regularly from a selected list of 121 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.]

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Maine:											
Portland	0	7	0	6	2	1	0	0	0	10	29
New Hampshire:											
Concord	0		0	0	1	1	0	0	0	0	13
Nashua	0		0	0	0	1	0	0	0	0	
Vermont:											
Barre	0		0	0	0	0	0	0	0	7	8
Burlington	0		0	1	0	4	0	0	0	0	15
Massachusetts:											
Boston	3		0	12	47	36	0	9	2	36	280
Fall River	0		0	271	2	1	0	0	0	5	32
Springfield	0		0	33	1	5	0	1	0	5	27
Worcester	1		0	0	6	9	0	1	0	12	57
Rhode Island:											
Pawtucket	0		0	0	0	1	0	0	0	0	18
Providence	0	1	5	8	4	7	0	6	0	7	80
Connecticut:											
Bridgeport	0	2	2	5	1	13	0	2	0	1	32
Hartford	0		0	89	7	11	0	0	0	7	38
New Haven	0		0	76	3	0	0	0	0	0	49
New York:											
Buffalo	0		2	113	13	54	0	5	0	28	148
New York	19	38	11	250	148	331	0	97	2	264	1,670
Rochester	0		0	157	1	23	0	1	0	12	74
Syracuse	0		1	14	4	10	0	1	0	9	63
New Jersey:											
Camden	0		0	0	1	3	0	1	0	11	35
Newark	1	9	0	27	14	17	0	5	1	63	116
Trenton	0		1	36	5	8	0	4	0	0	47
Pennsylvania:											
Philadelphia	10	19	13	8	35	70	0	24	0	140	527
Pittsburgh	5	20	7	192	23	29	0	10	0	25	183
Reading	0		0	6	0	7	0	0	0	17	25
Scranton	1			145		5	0		0	2	
Ohio:											
Cincinnati	10		5	0	13	41	0	7	0	6	145
Cleveland	8	93	4	93	21	36	0	17	0	27	216
Columbus	10	2	2	54	10	41	0	5	0	4	104
Toledo	3	3	3	43	3	15	0	5	0	8	55
Indiana:											
Fort Wayne	3		0	9	3	9	0	1	0	0	38
Indianapolis	5		3	10	21	35	0	4	0	7	
South Bend	0	1	1	41	2	3	0	3	0	0	25
Terre Haute	0	1	1	0	1	0	0	0	0	0	23
Illinois:											
Chicago	20	14	10	431	60	480	0	41	1	62	749
Springfield	0	4	1	1	7	13	0	1	0	7	25
Michigan:											
Detroit	5	15	0	165	39	132	0	18	1	65	307
Flint	1		0	86	4	11	0	1	0	8	33
Grand Rapids	0		2	57	5	9	0	0	0	9	50
Wisconsin:											
Kenosha	0		0	213	0	22	0	1	0	10	9
Milwaukee	0	1	1	265	11	267	0	3	0	38	100
Racine	0		0	12	1	7	0	0	0	2	15
Superior	0		0	29	0	1	0	0	0	1	5
Minnesota:											
Duluth	0		1	247	6	1	0	0	0	0	38
Minneapolis	2		3	1,717	5	20	0	1	0	9	118
St. Paul	1	1	1	5	8	12	0	2	0	14	60
Iowa:											
Davenport	1			4		1	0		0	0	
Des Moines	2			40		7	0		0	0	31
Sioux City	0			6		2	0		0	2	
Waterloo	1			8		9	0		0	1	
Missouri:											
Kansas City	1		0	81	16	27	0	5	0	0	112
St. Joseph	4		0	15	1	4	0	0	0	0	10
St. Louis	17	3	3	9	11	33	0	9	0	11	241

## City reports for week ended Feb. 9, 1935—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
North Dakota:											
Fargo.....	0		0	0	0	3	0	0	1	1	5
Grand Forks.....	0			2		3	0	0	0	0	
South Dakota:											
Aberdeen.....	0			6		1	0	0	0	3	
Sioux Falls.....	0			0		0	0	0	0	0	7
Nebraska:											
Omaha.....	3		2	16	12	22	0	5	0	0	69
Kansas:											
Topeka.....	0		0	6	2	3	0	1	0	3	7
Wichita.....	2	1	0	110	5	5	0	0	0	7	26
Delaware:											
Wilmington.....	4		0	0	6	3	0	1	0	0	25
Maryland:											
Baltimore.....	2	10	4	20	30	46	0	17	0	17	267
Cumberland.....	0		0	12	0	2	0	0	0	0	13
Frederick.....	1		0	0	0	0	0	0	0	0	4
District of Columbia:											
Washington.....	18	7	1	11	18	25	0	12	2	2	156
Virginia:											
Lynchburg.....	0		0	242	1	3	0	0	0	3	15
Norfolk.....	2	14	0	3	2	4	0	4	0	11	41
Richmond.....	2		3	61	9	13	0	4	0	0	58
Roanoke.....	0		1	7	3	4	0	1	0	0	19
West Virginia:											
Charleston.....	0	1	0	28	7	2	0	1	0	3	28
Huntington.....	0			6		1	0	0	0	0	
Wheeling.....	0		0	13	2	26	0	2	0	3	21
North Carolina:											
Raleigh.....											
Wilmington.....	0		1	0	2	0	0	1	0	2	19
Winston-Salem.....	2	2	2	0	1	4	0	0	0	35	16
South Carolina:											
Charleston.....	1	74	0	0	6	5	0	1	0	1	29
Columbia.....	0		0	0	7	0	0	1	0	0	22
Greenville.....	1		0	0	1	0	0	0	0	7	4
Georgia:											
Atlanta.....	2	43	5	1	11	10	0	6	0	6	75
Brunswick.....											
Savannah.....	0	71	4	0	3	3	0	2	1	0	49
Florida:											
Miami.....	2	3	0	0	1	1	0	3	0	0	48
Tampa.....	3	3	3	0	3	2	0	1	0	0	33
Kentucky:											
Ashland.....	0	8		0		3	0		1	0	
Lexington.....	0	7	0	25	3	1	0		0	5	23
Tennessee:											
Memphis.....	1		4	1	12	6	0	4	0	2	94
Nashville.....	1		0	0	2	2	0	0	0	3	45
Alabama:											
Birmingham.....	0	53	1	17	4	6	0	2	0	9	54
Mobile.....	1	1	2	0	2	0	0	0	0	0	31
Montgomery.....	2	3		0		3	0		0	0	
Arkansas:											
Fort Smith.....											
Little Rock.....	0		0	1	9	2	0	1	0	0	11
Louisiana:											
New Orleans.....	35	4	2	6	16	8	0	10	1	0	197
Shreveport.....	1		0	32	6	2	0	1	0	2	22
Texas:											
Dallas.....	3	3	2	0	15	4	0	1	0	1	75
Fort Worth.....	0		2	0	14	8	0	2	1	0	47
Galveston.....	3		0	0	3	0	0	2	0	0	26
Houston.....	0		3	0	9	0	0	2	0	0	91
San Antonio.....	0		6	0	9	1	0	8	0	0	77
Montana:											
Billings.....	2		0	9	0	1	0	0	0	0	2
Great Falls.....	0		0	239	3	0	0	0	0	0	9
Helena.....	0		0	76	1	0	0	0	0	3	7
Missoula.....	0		0	31	0	3	0	0	0	6	3
Idaho:											
Boise.....	0	0	0	0	0	0	0	0	0	0	6
Colorado:											
Denver.....	3		7	344	16	213	0	6	0	4	125
Pueblo.....	0		0	39	2	5	0	0	0	1	15

City reports for week ended Feb. 9, 1935—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Utah:											
Salt Lake City..	0		0	8	5	62	0	1	0	38	49
Nevada:											
Reno.....	0		0	0	0	0	0	0	0	0	5
Washington:											
Seattle.....	0		0	20	0	14	14	0	0	1	
Spokane.....	0		0	100	0	11	0	1	0	1	33
Tacoma.....	0		1	0	3	2	4	1	0	0	30
Oregon:											
Portland.....	0	3	0	35	5	13	0	1	0	0	69
Salem.....	0	2		0		1			0	0	
California:											
Los Angeles.....	31	213	5	13	24	40	3	13	2	2	384
Sacramento.....	2	1	2	4	0	3	0	3	0	2	32
San Francisco.....	0	23	1	9	15	24	0	10	1	5	209

State and city	Meningococcus meningitis		Poliomyelitis cases	State and city	Meningococcus meningitis		Poliomyelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				Maryland:			
Fall River.....	1	0	0	Baltimore.....	3	0	0
New York:				District of Columbia:			
New York.....	3	2	2	Washington.....	2	2	0
Pennsylvania:				Virginia:			
Philadelphia.....	1	0	0	Richmond.....	0	2	0
Pittsburgh.....	0	1	0	West Virginia:			
Ohio:				Charleston.....	1	1	0
Cincinnati.....	6	1	0	Huntington.....	1	0	0
Cleveland.....	1	2	0	South Carolina:			
Columbus.....	1	0	0	Charleston.....	1	1	0
Toledo.....	1	0	0	Kentucky:			
Indiana:				Lexington.....	1	1	0
Indianapolis.....	1	0	0	Tennessee:			
South Bend.....	1	1	0	Memphis.....	4	2	0
Illinois:				Nashville.....	2	0	0
Chicago.....	9	2	1	Arkansas:			
Springfield.....	2	0	0	Little Rock.....	1	1	0
Michigan:				Louisiana:			
Detroit.....	2	1	0	New Orleans.....	0	0	1
Minnesota:				Texas:			
Minneapolis.....	1	0	0	Fort Worth.....	3	0	0
Iowa:				Colorado:			
Des Moines.....	1	0	0	Denver.....	0	1	0
Missouri:				Washington:			
St. Joseph.....	5	0	0	Seattle.....	2	0	0
St. Louis.....	6	1	0	Tacoma.....	0	0	1
Nebraska:				California:			
Omaha.....	2	1	0	Los Angeles.....	0	0	2
				San Francisco.....	0	1	0

Pellagra.—Cases: Savannah, 2; Montgomery, 1; New Orleans, 1; Dallas, 1; Los Angeles, 1.  
 Typhus fever.—Cases: New York, 1; Atlanta, 1; Savannah, 2; Tampa, 1; Dallas, 1.



## FOREIGN AND INSULAR

### CHILE

*Typhus fever—Years 1932, 1933, and 1934.*—The following numbers of cases of typhus fever and deaths from the same cause have been reported in the Provinces of Chile for the years 1932, 1933, and 1934. The Provinces are listed according to geographical position from north to south along the Pacific coast:

Province	1932		1933		1934	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Tarapaca	2		3		68	17
Antofagasta	6		108	33	4	2
Atacama	2		2	1		
Coquimbo	1		54	14	4	1
Aconcagua			291	43	301	50
Santiago	36	6	8, 137	2, 132	7, 015	1, 812
O'Higgins					162	39
Colchagua	11	9	502	115	64	15
Talca	3	1	235	44	440	81
Maule	2	2	259	56	695	114
Nuble	179	15	1, 037	157	1, 034	156
Concepcion	226	44	2, 571	478	1, 700	314
Arauco					695	106
Bio-Bio	47	5	800	181	1, 199	272
Cautin	234	23	1, 173	280	842	217
Valdivia	3	1	63	8	161	34
Chiloe	2	2	144	17	286	35
Aysen						
Magallanes					1	
Total	754	108	15, 379	3, 559	14, 671	3, 285

### PANAMA CANAL ZONE

*Communicable diseases—October–December 1934.*—During the months of October, November, and December 1934, certain communicable diseases, including imported cases, were reported in the Panama Canal Zone and terminal cities as follows:

Disease	October		November		December	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Chicken pox	19		7		5	
Diphtheria	9		7	1	18	1
Dysentery (amoebic)	26		26		31	
Dysentery (bacillary)	2					1
Malaria	92	5	100	2	106	5
Measles			1			
Mumps					3	
Paratyphoid fever	1					
Pneumonia		24		30		25
Poliomyelitis			1		1	
Relapsing fever						
Tuberculosis		29		22		23
Typhoid fever	2		4	1	4	
Whooping cough	14		8		3	

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

(NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for Feb. 22, 1935, pp. 267-279. A similar cumulative table will appear in the PUBLIC HEALTH REPORTS to be issued Mar. 29, 1935, and thereafter, at least for the time being, in the issue published on the last Friday of each month.)

**Yellow Fever**

*Gold Coast—Wenchi.*—On November 15, 1934, one case of yellow fever was reported in Wenchi, Gold Coast.

*Nigeria—Quellam Maduri.*—On January 23, 1935, one suspected case of yellow fever was reported at Quellam Maduri, Nigeria.