

UNITED STATES TREASURY DEPARTMENT

PUBLIC HEALTH REPORTS

ISSUED WEEKLY

BY THE UNITED STATES
PUBLIC HEALTH SERVICE

VOLUME 47 :: :: NUMBER 26

JUNE 24 - - - - 1932

SPECIAL ARTICLE

Record of Acute Respiratory Disease in Michigan
University Students, 1917-1931



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1932

For sale by the Superintendent of Documents, Washington, D. C.
Subscription price, \$1.50 per year

UNITED STATES PUBLIC HEALTH SERVICE

HUGH S. CUMMING, *Surgeon General*

DIVISION OF SANITARY REPORTS AND STATISTICS

Asst. Surg. Gen. R. C. WILLIAMS, *Chief of Division*

The PUBLIC HEALTH REPORTS are issued weekly by the United States Public Health Service through its Division of Sanitary Reports and Statistics, pursuant to acts of Congress approved February 15, 1893, and August 14, 1912.

They contain: (1) Current information of the prevalence and geographic distribution of preventable diseases in the United States in so far as data are obtainable, and of cholera, plague, smallpox, typhus fever, yellow fever, and other communicable diseases throughout the world. (2) Articles relating to the cause, prevention, or control of disease. (3) Other pertinent information regarding sanitation and the conservation of public health.

The PUBLIC HEALTH REPORTS are intended primarily for distribution to health officers, members of boards or departments of health, and those directly or indirectly engaged in or connected with public health or sanitary work. Articles of general or special interest are issued as reprints from the PUBLIC HEALTH REPORTS or as supplements, and in these forms are available for general distribution to those desiring them.

Requests for and communications regarding the PUBLIC HEALTH REPORTS, reprints, or supplements should be addressed to the Surgeon General, United States Public Health Service, Washington, D. C.

The Public Health Service is unable to supply the demand for bound copies of the PUBLIC HEALTH REPORTS. Librarians and others receiving the PUBLIC HEALTH REPORTS regularly should preserve them for binding, as it is not practicable to furnish bound copies on individual requests.

UNITED STATES TREASURY DEPARTMENT

PUBLIC HEALTH REPORTS

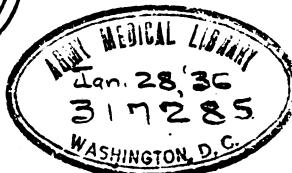
ISSUED WEEKLY

BY THE UNITED STATES
PUBLIC HEALTH SERVICE

CONTAINING INFORMATION ON THE CURRENT
PREVALENCE OF DISEASE, THE PREVENTION
AND CONTROL OF DISEASE, AND
RELATED SUBJECTS

VOLUME 47—PART 1
NUMBERS 1-26

JANUARY-JUNE 1932



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1932

INDEX

A

Admissions to hospitals for the insane:	Page
September, 1929-----	48
October, 1929-----	102
November, 1929-----	156
December, 1929-----	211
January, 1930-----	397
February, 1930-----	448
March, 1930-----	505
April, 1930-----	682
May, 1930-----	735
June, 1930-----	806
July, 1930-----	956
August, 1930-----	1064
September, 1930-----	1212
October, 1930-----	1302
November, 1930-----	1342
December, 1930-----	1390

Alabama:	Page
(See Name of disease—Current weekly State reports.)	-----
(See Summaries—Disease cases reported monthly by States.)	-----
Anthrax:	913
(See also Summaries—Disease cases reported monthly by States.)	-----
Philippine Islands-----	-----
Arizona:	-----
(See Name of disease—Current weekly State reports.)	-----
(See Summaries—Disease cases reported monthly by States.)	-----
Arkansas:	-----
(See Name of disease—Current weekly State reports.)	-----
(See Summaries—Disease cases reported monthly by States.)	-----
Arsenic, action of, upon the fixed sulphhydryl groups of proteins—Rosenthal-----	241
Arsenoxide, formation of, from the arsphenamines in the living animal and in test-tube oxidations—Rosenthal-----	933
Asphyxia, studies in. II. Blood chemistry changes resulting from comparatively rapid asphyxia by atmospheres deficient in oxygen—Schrenk, Patty, and Yant-----	136
Australia: Poliomyelitis-----	582
Azores: Plague (bubonic)-----	460

B

Bacillus pestis, duration of viability and virulence of—Francis-----	1287
Badger, L. F.:	-----
Preparation of a vaccine from fleas infected with endemic typhus-----	1329
Transmission of endemic typhus fever by rubbing either crushed infected fleas or infected flea feces into wounds-----	131
Typhus fever. Experimental transmission of endemic typhus fever of the United States by the rat flea <i>Ceratophyllus fasciatus</i> -----	931
Typhus fever. Multiplication of the virus of endemic typhus in the rat flea <i>Xenopsylla cheopis</i> -----	987
Bloomfield, J. J.: The impinger dust sampling apparatus as used by the United States Public Health Service-----	654
Borts, I. H.: A further study of brucella infection in Iowa-----	187

	Page
Britten, Rollo H.:	
Incidence of epidemic influenza, 1918-19. (Analysis according to age, sex, and color of morbidity and mortality obtained in surveys of 12 localities)-----	303
Rates of physical impairments in 28 occupations based on 17,294 medical examinations-----	1
Brucella infection in Iowa, a further study of—Hardy, Jordan, and Borts-----	187
Brundage, Dean K.:	
Sickness among male industrial employees in the third quarter of 1931-----	134
Sickness among male industrial employees during the last three months of 1931, and a summary of sickness frequency by years since 1920-----	995
C	
Calcium, phosphorus, and protein metabolism in leprosy—Wooley and Ross-----	380
California:	
(See also Name of disease—Current weekly State reports.)	
(See also Summaries—Disease cases reported monthly by States.)	
Los Angeles—Plague-infected rat trapped-----	1065
Canada:	
British Columbia—Vancouver—Smallpox-----	461
Ontario—Communicable diseases	
November 28, 1931 (four weeks)-----	168
December 26, 1931 (four weeks)-----	408
Years, 1931 and 1930-----	633
January 30, 1932 (five weeks)-----	693
February 27, 1932 (four weeks)-----	912
March 26, 1932 (four weeks)-----	1075
April 30, 1932 (five weeks)-----	1268
Provinces—Communicable diseases—Week ended-----	
December 5, 1931-----	59
December 12, 1931-----	113
December 19, 1931-----	167
December 26, 1931-----	222
January 2, 1932-----	285
January 9, 1932-----	408
January 16, 1932-----	408
January 23, 1932-----	460
January 30, 1932-----	516
February 6, 1932-----	582
February 13, 1932-----	633
February 20, 1932-----	693
February 27, 1932-----	747
March 5, 1932-----	817
March 12, 1932-----	864
March 19, 1932-----	912
March 26, 1932-----	969
April 2, 1932-----	1023
April 9, 1932-----	1075
April 16, 1932-----	1128
April 23, 1932-----	1170
April 30, 1932-----	1223
May 7, 1932-----	1268
May 14, 1932-----	1313
May 21, 1932-----	1354
May 28, 1932-----	1402
Quebec—Communicable diseases—Week ended-----	
December 5, 1931-----	59
December 12, 1931-----	113
December 19, 1931-----	167
December 26, 1931-----	222
January 2, 1932-----	285
January 16, 1932-----	360
January 23, 1932-----	409
January 30, 1932-----	516
February 6, 1932-----	583

Canada—Continued.

	Page
Quebec—Communicable diseases—Week ended—Continued.	
February 13, 1932	634
February 20, 1932	694
February 27, 1932	747
March 5, 1932	817
March 12, 1932	864
March 19, 1932	913
March 26, 1932	970
April 2, 1932	1023
April 9, 1932	1076
April 16, 1932	1128
April 23, 1932	1170
April 30, 1932	1223
May 7, 1932	1269
May 14, 1932	1313
May 21, 1932	1354
May 28, 1932	1402
Quebec—	
Deaths, 1930	817
Vital statistics—	
April-July, 1931	409
August-November, 1931	460
December, 1931	634
Years, 1931, 1930, and 1929	634
January, 1932	913
Saskatchewan—	
Notifiable diseases, 1930	818
Vital statistics, 1930	818
Yukon Territory—Influenza	1023
Carrión, A. L.: Final report on a rat-flea survey of San Juan, P. R.	193
Ceder, E. T.:	
Transmission of endemic typhus fever by rubbing either crushed infected fleas or infected flea feces into wounds	131
Typhus fever. Multiplication of the virus of endemic typhus in the rat flea <i>Xenopsylla cheopis</i>	987
Cell division, chemistry of. III. Inhibition of cell division of <i>Amæba proteus</i> by high dilutions of copper salts—Antagonism of copper and glutathione—Chalkley and Voegtlin	535
Cerebrospinal meningitis: Egypt	865, 970
Chalkley, H. W.: The chemistry of cell division. III. Inhibition of cell division of <i>Amæba proteus</i> by high dilutions of copper salts—Antagonism of copper and glutathione	535
Chemistry of cell division. III. Inhibition of cell division of <i>Amæba proteus</i> by high dilutions of copper salts—Antagonism of copper and glutathione—Chalkley and Voegtlin	535
Chicken pox:	
(See also Summaries—Disease cases reported monthly by States.)	
City reports for week ended—	
December 12, 1931	50
December 19, 1931	104
December 26, 1931	158
January 2, 1932	213
January 9, 1932	276
January 16, 1932	351
January 23, 1932	399
January 30, 1932	451
February 6, 1932	507
February 13, 1932	573
February 20, 1932	624
February 27, 1932	684
March 5, 1932	738
March 12, 1932	808
March 19, 1932	854
March 26, 1932	902
April 2, 1932	959
April 9, 1932	1014

Chicken pox—Continued.	
City reports for week ended—Continued.	
April 16, 1932	1066
April 23, 1932	1119
April 30, 1932	1161
May 7, 1932	1214
May 14, 1932	1259
May 21, 1932	1304
May 28, 1932	1344
June 4, 1932	1393
Child hygiene, health officer's viewpoint of—Clark	487
Chile: Typhus fever on vessel "Canelos"	410
China:	
Canton—Meningococcus meningitis	970, 1402
Hong Kong—	
Diphtheria	168
Meningococcus meningitis	970, 1402
Macao—Meningococcus meningitis	970, 1402
Chlorination of ballast water on Great Lakes vessels—Ferguson	256
Cholera: Foreign reports	61,
115, 170, 224, 287, 361, 411, 463, 518, 584, 636, 696, 749, 821,	
867, 915, 972, 1026, 1078, 1131, 1172, 1225, 1270, 1315, 1356, 1404.	
Clark, Taliaferro:	
Health officer's viewpoint of child hygiene	487
Prevalence of venereal disease in New Orleans, La.	1187
Colorado:	
(See Name of disease—Current weekly State reports).	
(See Summaries—Disease cases reported monthly by States.)	
Communicable diseases:	
Canada—	
Ontario—	
November 28, 1931 (four weeks)	168
December 26, 1931 (four weeks)	408
Years, 1931 and 1930	633
January 30, 1932 (five weeks)	693
February 27, 1932 (four weeks)	912
March 26, 1932 (four weeks)	1075
April 30, 1932 (five weeks)	1268
Provinces—Week ended—	
December 5, 1931	59
December 12, 1931	113
December 19, 1931	167
December 26, 1931	222
January 2, 1932	285
January 9, 1932	408
January 16, 1932	408
January 23, 1932	460
January 30, 1932	516
February 6, 1932	582
February 13, 1932	633
February 20, 1932	693
February 27, 1932	747
March 5, 1932	817
March 12, 1932	864
March 19, 1932	912
March 26, 1932	969
April 2, 1932	1023
April 9, 1932	1075
April 16, 1932	1128
April 23, 1932	1170
April 30, 1932	1223
May 7, 1932	1268
May 14, 1932	1313
May 21, 1932	1354
May 28, 1932	1402

Communicable diseases—Continued.

Canada—Continued.

	Page
Quebec—Week ended—	
December 5, 1931.....	59
December 12, 1931.....	113
December 19, 1931.....	167
December 26, 1931.....	222
January 2, 1932.....	285
January 16, 1932.....	360
January 23, 1932.....	409
January 30, 1932.....	516
February 6, 1932.....	583
February 13, 1932.....	634
February 20, 1932.....	694
February 27, 1932.....	747
March 5, 1932.....	817
March 12, 1932.....	864
March 19, 1932.....	913
March 26, 1932.....	970
April 2, 1932.....	1023
April 9, 1932.....	1075
April 16, 1932.....	1128
April 23, 1932.....	1170
April 30, 1932.....	1223
May 7, 1932.....	1269
May 14, 1932.....	1313
May 21, 1932.....	1354
May 28, 1932.....	1402
Cuba—October 24, 1931 (four weeks).....	59
Habana—Four weeks ended—	
December 5, 1931.....	113
January 2, 1932.....	223
January 30, 1932.....	461
February 27, 1932.....	694
March 26, 1932.....	913
April 23, 1932.....	1128
May 21, 1932.....	1354
Czechoslovakia—	
October, 1931.....	168
January, 1932.....	864
February, 1932.....	1024
March, 1932.....	1313
Denmark—	
October, 1931.....	169
November, 1931.....	818
December, 1931.....	864
January, 1932.....	1076
February, 1932.....	1129
March, 1932.....	1314
Foreign reports—	
115, 170, 224, 287, 361, 411, 463, 518, 584, 636, 696, 749, 821, 867, 915, 972, 1026, 1078, 1131, 1172, 1225, 1270, 1315, 1356, 1404.	61,
Italy—Four weeks ended—	
July 26, 1931.....	583
August 23, 1931.....	635
September 20, 1931.....	695
October 18, 1931.....	748
November 15, 1931.....	819
December 13, 1931.....	866
Jamaica—	
December 5, 1931 (four weeks).....	60
January 2, 1932 (four weeks).....	286
January 30, 1932 (four weeks).....	516
February 27, 1932 (four weeks).....	819
March 26, 1932 (four weeks).....	971
April 23, 1932 (four weeks).....	1223
May 21, 1932 (four weeks).....	1355

Communicable diseases—Continued.

	Page
Latvia—	
October, 1931.....	360
November, 1931.....	360
December, 1931.....	748
January, 1932.....	819
February, 1932.....	1170
March, 1932.....	1269
Mexico—Tampico—	
November, 1931.....	60
December, 1931.....	286
January, 1932.....	583
February, 1932.....	748
March, 1932.....	1024
April, 1932.....	1224
Panama Canal Zone—	
November, 1931.....	223
December, 1931.....	517
January, 1932.....	695
February, 1932.....	1171
March, 1932.....	1171
April, 1932.....	1403
Puerto Rico—San Juan—Four weeks ended—	
December 5, 1931.....	114
January 2, 1932.....	410
January 30, 1932.....	517
February 27, 1932.....	914
March 26, 1932.....	1024
April 23, 1932.....	1224
Union of South Africa—Year ended June 30, 1931.....	169
United States—	
Case rates per 100,000 population for 98 cities—	
November 8—December 12, 1931.....	57
November 15—December 19, 1931.....	111
November 22—December 26, 1931.....	165
November 29, 1931—January 2, 1932.....	220
December 6, 1931—January 9, 1932.....	283
December 13, 1931—January 16, 1932.....	358
December 20, 1931—January 23, 1932.....	406
December 27, 1931—January 30, 1932.....	458
January 3—February 6, 1932.....	514
January 10—February 13, 1932.....	580
January 17—February 20, 1932.....	631
January 24—February 27, 1932.....	691
January 31—March 5, 1932.....	745
February 7—March 12, 1932.....	815
February 14—March 19, 1932.....	861
February 21—March 26, 1932.....	910
February 28—April 2, 1932.....	967
March 6—April 9, 1932.....	1021
March 13—April 16, 1932.....	1073
March 20—April 23, 1932.....	1126
March 27—April 30, 1932.....	1168
April 3—May 7, 1932.....	1221
April 10—May 14, 1932.....	1266
April 17—May 21, 1932.....	1311
April 24—May 28, 1932.....	1352
May 1—June 4, 1932.....	1400
Cases and case rates per 100,000 population—Reported by State health officers—	
October, 1931.....	154, 155
November, 1931.....	347, 348
December, 1931.....	447, 448
January, 1932.....	680, 681
February, 1932.....	1010, 1011
March, 1932.....	1210, 1211
April, 1932.....	1389, 1390

Communicable diseases—Continued.

United States—Continued.

	Page
Current prevalence of-----	185, 427, 651, 883, 1147, 1285
Current weekly State reports-----	44,
98, 150, 152, 207, 270, 343, 393, 444, 502, 568, 618, 676,	
732, 803, 848, 897, 953, 1007, 1060, 1114, 1155, 1206,	
1253, 1298, 1339, 1386.	
Reciprocal notifications-----	
November, 1931-----	48
December, 1931-----	273
January, 1932-----	571
February, 1932-----	806
March, 1932-----	1012
April, 1932-----	1257
Summary—Disease cases reported monthly by States-----	46,
100, 152, 209, 272, 345, 395, 446, 504, 570, 620, 678, 734, 805,	
850, 899, 955, 1009, 1062, 1116, 1157, 1208, 1255, 1300, 1341, 1388.	
Summary of certain, 1930-----	560
Virgin Islands-----	
November, 1931-----	286
December, 1931-----	286
January, 1932-----	866
February, 1932-----	866
March, 1932-----	1024
April, 1932-----	1224
Yugoslavia-----	
November, 1931-----	114
December, 1931-----	1025
January, 1932-----	1077
February, 1932-----	1130
March, 1932-----	1171
April, 1932-----	1269
Congress, seventh American scientific, postponed until November, 1933-----	146
Conjunctivitis. (See Summaries—Disease cases reported monthly by States.)	
Connecticut:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Court decisions relating to public health-----	41,
93, 146, 202, 260, 389, 440, 498, 565, 613, 675, 726, 844, 894,	
1003, 1056, 1110, 1152, 1202, 1250, 1294, 1335, 1383.	
Cuba:	
Communicable diseases—October 24, 1931 (four weeks)-----	59
Habana—Communicable diseases—Four weeks ended-----	
December 5, 1931-----	113
January 2, 1932-----	223
January 30, 1932-----	461
February 27, 1932-----	694
March 26, 1932-----	913
April 23, 1932-----	1128
May 21, 1932-----	1354
Current weekly State reports. (See Name of disease—Current weekly State reports.)	
Czechoslovakia: Communicable diseases—	
October, 1931-----	168
January, 1932-----	864
February, 1932-----	1024
March, 1932-----	1313

D

Davis, Gordon E.: Tularæmia: Occurrence in the sage hen, *Centrocercus urophasianus*. (Also report of additional cases following contacts with quail, *Colinus virginianus*-----

479

	Page
Death rates: Group of insured persons—Metropolitan Life Insurance Co. compilations—	
October, 1931	201
November, 1931	259
December, 1931 (comparative)	437
January, 1932	725
February, 1932	1001
March, 1932	1150
April, 1932	1381
Deaths:	
(See also Mortality.)	
All causes—City reports for week ended—	
December 12, 1931	53
December 19, 1931	107
December 26, 1931	161
January 2, 1932	216
January 9, 1932	279
January 16, 1932	354
January 23, 1932	402
January 30, 1932	454
February 6, 1932	510
February 13, 1932	576
February 20, 1932	627
February 27, 1932	687
March 5, 1932	741
March 12, 1932	811
March 19, 1932	857
March 26, 1932	905
April 2, 1932	962
April 9, 1932	1017
April 16, 1932	1069
April 23, 1932	1122
April 30, 1932	1164
May 7, 1932	1217
May 14, 1932	1262
May 21, 1932	1307
May 28, 1932	1347
June 4, 1932	1396
Canada—Quebec, 1930	817
Large cities—Week ended—	
December 12, 1931	41
December 19, 1931	95
December 26, 1931	147
January 2, 1932	204
January 9, 1932	267
January 16, 1932	340
January 23, 1932	390
January 30, 1932	441
February 6, 1932	499
February 13, 1932	565
February 20, 1932	615
February 27, 1932	727
March 5, 1932	729
March 12, 1932	800
March 19, 1932	845
March 26, 1932	894
April 2, 1932	950
April 9, 1932	1004
April 16, 1932	1057
April 23, 1932	1111
April 30, 1932	1152
May 7, 1932	1203
May 14, 1932	1250
May 21, 1932	1295
May 28, 1932	1336
June 4, 1932	1383

Delaware:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Dengue. (See Summaries—Disease cases reported monthly by States.)

Denmark:

Communicable diseases—

	Page
October, 1931	169
November, 1931	818
December, 1931	864
January, 1932	1076
February, 1932	1129
March, 1932	1314

Influenza.

Denney, O. E.: The National Leper Home (United States marine hospital), Carville, La. Review of the activities during the fiscal year ended June 30, 1931.

Dental caries, sex differences in the prevalence of. (Studies in dental caries No. 2)—Stoughton and Thornhill.

Diphtheria:

(See also Summaries—Disease cases reported monthly by States.)

China—Hong Kong	168
-----------------	-----

City reports for week ended—

December 12, 1931	50
December 19, 1931	104
December 26, 1931	158
January 2, 1932	213
January 9, 1932	276
January 16, 1932	351
January 23, 1932	399
January 30, 1932	451
February 6, 1932	507
February 13, 1932	573
February 20, 1932	624
February 27, 1932	684
March 5, 1932	738
March 12, 1932	808
March 19, 1932	854
March 26, 1932	902
April 2, 1932	959
April 9, 1932	1014
April 16, 1932	1066
April 23, 1932	1119
April 30, 1932	1161
May 7, 1932	1214
May 14, 1932	1259
May 21, 1932	1304
May 28, 1932	1344
June 4, 1932	1393

Current weekly State reports 44,
98, 150, 207, 270, 343, 393, 444, 502, 568, 618, 676, 732, 803, 848,
897, 953, 1007, 1060, 1114, 1155, 1206, 1253, 1298, 1339, 1386.

District of Columbia:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Dyer, R. E.:

Preparation of a vaccine from fleas infected with endemic typhus	1329
Transmission of endemic typhus fever by rubbing either crushed infected fleas or infected flea feces into wounds	131
Typhus fever—Multiplication of the virus of endemic typhus in the rat flea <i>Xenopsylla cheopis</i>	987
Typhus fever—The experimental transmission of endemic typhus fever of the United States by the rat flea <i>Ceratophyllus fasciatus</i>	931

Dysentery. (See Summaries—Disease cases reported monthly by States.)

E

	Page
Egypt: Cerebrospinal meningitis-----	865, 970
Employees:	
Sickness among male industrial, in the third quarter of 1931—	134
Brundage-----	134
Sickness among male industrial, during the last three months of 1931, and a summary of sickness frequency by years since 1920—Brundage-----	995
Epileptics, patients in institutions for the care of:	
January—March, 1930-----	349
April—June, 1930-----	852
July—September, 1930-----	1257

F

Feeble-minded, patients in institutions for:	
October—December, 1929-----	274
January—March, 1930-----	622
April—June, 1930-----	901
July—September, 1930-----	1159
Ferguson, G. H.: Chlorination of ballast water on Great Lakes vessels-----	256
Florida:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Foreign reports: Communicable diseases-----	61,
115, 170, 224, 287, 361, 411, 463, 518, 584, 636, 696, 749, 821, 867,	
915, 972, 1026, 1078, 1131, 1172, 1225, 1270, 1315, 1356, 1404.	
Forsythe, Warren E.: Acute respiratory disease in University of Michigan students, 1917—1931-----	1371
Francis, Edward: Duration of viability and virulence of <i>Bacillus pestis</i> -----	1287

G

Georgia:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
German measles. (See Summaries—Disease cases reported monthly by States.)	
Germany:	
Influenza-----	969
Vital statistics—	
First quarter, 1931-----	462
Second quarter, 1931-----	462
Goddard, Jennie C.: Rates of physical impairments in 28 occupations, based on 17,294 medical examinations-----	1
Grant, H. G.: The action of colloidal Paris green on the larvæ of <i>Culex apicalis</i> -----	1239
Great Britain:	
England—Bristol—Plague (suspected) on vessel "Cadaeetus"-----	747
England and Wales—	
Infectious diseases, last quarter, 1931-----	866
Influenza-----	863, 969
Vital statistics, October—December, 1931-----	865
Scotland—Vital statistics—	
Year, 1931-----	694
Quarter ended December 31, 1931-----	694
Quarter ended March 31, 1932-----	1403
Greenburg, Leonard: The impinger dust sampling apparatus as used by the United States Public Health Service-----	654

H

Hardy, A. V.: A further study of brucella infection in Iowa-----	187
Health officer's viewpoint of child hygiene—Clark-----	487
Hess, W. C.: Studies on the biochemistry of sulphur. XII. Preliminary studies on amino-acid toxicity and amino-acid balance-----	75
Histopathologic changes produced in rats by the addition to the diet of various amino acids—Lillie-----	83

Honduras: Smallpox	
Hookworm disease. (See Summaries—Disease cases reported monthly by States.)	

I

Idaho:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Illinois:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Impinger dust sampling apparatus as used by the United States Public Health Service—Greenburg and Bloomfield	
--	--

654

Indiana:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Infant mortality: Puerto Rico, 1930 and 1931	
--	--

1129

Infant paralysis. (See Poliomyelitis.)	
--	--

Infectious diseases: Great Britain—England and Wales—Last quarter, 1931	
---	--

866

Influenza:

(See also Summaries—Disease cases reported monthly by States.)

Canada—Yukon Territory

1023

City reports for week ended—

December 12, 1931	50
December 19, 1931	104
December 26, 1931	158
January 2, 1932	213
January 9, 1932	276
January 16, 1932	351
January 23, 1932	399
January 30, 1932	451
February 6, 1932	507
February 13, 1932	573
February 20, 1932	624
February 27, 1932	684
March 5, 1932	738
March 12, 1932	808
March 19, 1932	854
March 26, 1932	902
April 2, 1932	959
April 9, 1932	1014
April 16, 1932	1066
April 23, 1932	1119
April 30, 1932	1161
May 7, 1932	1214
May 14, 1932	1259
May 21, 1932	1304
May 28, 1932	1344
June 4, 1932	1393

Current weekly State reports

44,

98, 150, 207, 270, 343, 393, 444, 502, 568, 618, 676, 732, 803, 848, 897, 953, 1007, 1060, 1114, 1155, 1206, 1253, 1298, 1339, 1386.

Denmark

863

Germany

969

Great Britain—England and Wales

863, 969

Mexico—Mexico City

462

Peru—Lima

1224

Switzerland

863, 969

United States—

571

January 17—February 20, 1932

736

February 21—March 12, 1932

958

March 13—April 9, 1932

Influenza, incidence of epidemic, 1918-19 (analysis according to age, sex, and color of morbidity and mortality obtained in surveys of 12 localities)—

303

Britten

Insane, admissions to hospitals for the:		Page
September, 1929	48	
October, 1929	102	
November, 1929	156	
December, 1929	211	
January, 1930	397	
February, 1930	448	
March, 1930	505	
April, 1930	682	
May, 1930	735	
June, 1930	806	
July, 1930	956	
August, 1930	1064	
September, 1930	1212	
October, 1930	1302	
November, 1930	1342	
December, 1930	1390	
Iowa:		
(See also Name of disease—Current weekly State reports.)		
(See also Summaries—Disease cases reported monthly by States.)		
A further study of brucella infection in—Hardy, Jordan, and Borts	187	
Ireland, life expectancy in, and comparison with other countries	1248	
Irish Free State: Vital statistics, 1930	818	
Italy: Communicable diseases—Four weeks ended—		
July 26, 1931	583	
August 23, 1931	635	
September 20, 1931	695	
October 18, 1931	748	
November 15, 1931	819	
December 13, 1931	866	
J		
Jamaica: Communicable diseases—		
December 5, 1931 (four weeks)	60	
January 2, 1932 (four weeks)	286	
January 30, 1932 (four weeks)	516	
February 27, 1932 (four weeks)	819	
March 26, 1932 (four weeks)	971	
April 23, 1932 (four weeks)	1223	
May 21, 1932 (four weeks)	1355	
Jordan, C. F.: A further study of brucella infection in Iowa	187	
K		
Kansas:		
(See Name of disease—Current weekly State reports.)		
(See Summaries—Disease cases reported monthly by States.)		
Kentucky: (See Name of disease—Current weekly State reports.)		
King, M. R.: Value of complete routine physical examination of prisoners	1197	
L		
Latvia: Communicable diseases—		
October, 1931	360	
November, 1931	360	
December, 1931	748	
January, 1932	819	
February, 1932	1170	
March, 1932	1269	
Lead poisoning. (See Summaries—Disease cases reported monthly by States.)		
Leper Home, National (United States marine hospital), Carville, La.		
Review of the activities during the fiscal year ended June 30, 1931—		
Denney	601	
Leprosy:		
(See also Summaries—Disease cases reported monthly by States.)		
Calcium, phosphorus and protein metabolism in—Wooley and Ross	380	

Lethargic encephalitis:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

	Page
December 12, 1931	55
December 19, 1931	109
December 26, 1931	164
January 2, 1932	218
January 9, 1932	281
January 16, 1932	357
January 23, 1932	404
January 30, 1932	456
February 6, 1932	513
February 13, 1932	579
February 20, 1932	629
February 27, 1932	689
March 5, 1932	743
March 12, 1932	813
March 19, 1932	859
March 26, 1932	908
April 2, 1932	965
April 9, 1932	1020
April 16, 1932	1071
April 23, 1932	1124
April 30, 1932	1167
May 7, 1932	1219
May 14, 1932	1265
May 21, 1932	1309
May 28, 1932	1350
June 4, 1932	1398

Life expectancy in Ireland and comparison with other countries

Lillie, R. D.: Histopathologic changes produced in rats by the addition to the diet of various amino acids

83

Lithium chloride, the effect of, on the morphology of streptococcus scarlatinæ—Spencer and Workman

377

Louisiana:

(See also Name of disease—Current weekly State reports.)

(See also Summaries—Disease cases reported monthly by States.)

New Orleans, prevalence of venereal disease in—Clark and Usilton..

1187

M

Maine:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Malaria. (See Summaries—Disease cases reported monthly by States.)

Maryland:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Massachusetts:

(See Name of Disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Maver, Mary E.: Relation of oxidation to proteolysis in malignant tumors

711

Measles:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

December 12, 1931	50
December 19, 1931	104
December 26, 1931	158
January 2, 1932	213
January 9, 1932	276
January 16, 1932	351
January 23, 1932	399
January 30, 1932	451
February 6, 1932	507
February 13, 1932	573
February 20, 1932	624
February 27, 1932	684

Measles—Continued.

City reports for week ended—Continued.

	Page
March 5, 1932	738
March 12, 1932	808
March 19, 1932	854
March 26, 1932	902
April 2, 1932	959
April 9, 1932	1014
April 16, 1932	1066
April 23, 1932	1119
April 30, 1932	1161
May 7, 1932	1214
May 14, 1932	1259
May 21, 1932	1304
May 28, 1932	1344
June 4, 1932	1393

Current weekly State reports

98, 150, 207, 270, 343, 393, 444, 502, 568, 618, 676, 732, 803, 848,
897, 953, 1007, 1060, 1114, 1155, 1206, 1253, 1298, 1339, 1386.

Meningococcus meningitis:

(See also Summaries—Disease cases reported monthly by States.)

China—

Canton	970, 1402
Hong Kong	970, 1402
Macao	970, 1402

City reports for week ended—

December 12, 1931	55
December 19, 1931	109
December 26, 1931	164
January 2, 1932	218
January 9, 1932	281
January 16, 1932	357
January 23, 1932	404
January 30, 1932	456
February 6, 1932	513
February 13, 1932	579
February 20, 1932	629
February 27, 1932	689
March 5, 1932	743
March 12, 1932	813
March 19, 1932	859
March 26, 1932	908
April 2, 1932	965
April 9, 1932	1020
April 16, 1932	1071
April 23, 1932	1124
April 30, 1932	1167
May 7, 1932	1219
May 14, 1932	1262
May 21, 1932	1309
May 28, 1932	1350
June 4, 1932	1398

Current weekly State reports

98, 150, 207, 270, 343, 393, 444, 502, 568, 618, 676, 732, 803, 848,
897, 953, 1007, 1060, 1114, 1155, 1206, 1253, 1298, 1339, 1386.

Metropolitan Life Insurance Co.—Death rates in a group of insured persons—

October, 1931	201
November, 1931	259
December, 1931 (comparative)	437
January, 1932	725
February, 1932	1001
March, 1932	1150
April, 1932	1381

Mexico:

Mexico City—Influenza

462

Mexico—Continued.	
Tampico—Communicable diseases—	Page
November, 1931-----	60
December, 1931-----	286
January, 1932-----	583
February, 1932-----	748
March, 1932-----	1024
April, 1932-----	1224
Michigan:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Milam, D. F.: Relative incidence of typhoid fever in urban and rural areas of Tennessee-----	839
Minnesota:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Mississippi:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Missouri:	
(See also Name of disease—Current weekly State reports.)	
(See also Summaries—Disease cases reported monthly by States.)	
Trachoma and trachoma prevention work in—Rice and Smith-----	885
Montana:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Mortality:	
(See also Deaths.)	
In certain States during 1931, with comparative data for recent years-----	1095
Infant, Puerto Rico, 1930 and 1931-----	1129
Summary, annual, for 83 large cities, 1931-----	265
Mumps:	
(See also Summaries—Disease cases reported monthly by States.)	
City reports for week ended—	
December 12, 1931-----	50
December 19, 1931-----	104
December 26, 1931-----	158
January 2, 1932-----	213
January 9, 1932-----	276
January 16, 1932-----	351
January 23, 1932-----	399
January 30, 1932-----	451
February 6, 1932-----	507
February 13, 1932-----	573
February 20, 1932-----	624
February 27, 1932-----	684
March 5, 1932-----	738
March 12, 1932-----	808
March 19, 1932-----	854
March 26, 1932-----	902
April 2, 1932-----	959
April 9, 1932-----	1014
April 16, 1932-----	1066
April 23, 1932-----	1119
April 30, 1932-----	1161
May 7, 1932-----	1214
May 14, 1932-----	1259
May 21, 1932-----	1304
May 28, 1932-----	1344
June 4, 1932-----	1393
N	
National Leper Home (United States marine hospital), Carville, La.	
Review of the activities during the fiscal year ended June 30, 1931—	
Denney-----	601
Nebraska:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	

	Page
Neoarsphenamine, the relation between trypanocidal and spirocheticidal activities of. II. The spirocheticidal activity as measured by the power of neoarsphenamine—Probey-----	429
Nevada. (See Summaries—Disease cases reported monthly by States.)	
New Hampshire:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
New Jersey:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
New Mexico:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
New York:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Newman, Barclay M.: The action of colloidal Paris green on the larvæ of <i>Culex apicalis</i> -----	1239
North Carolina:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
North Dakota:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Notifiable diseases:	
(See also Communicable diseases.)	
Canada—Saskatchewan, 1930-----	818

O

Ohio:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Oklahoma:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Oregon:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Oxidation, relation of, to proteolysis in malignant tumors—Voegtlind and Maver-----	711

P

Panama Canal Zone: Communicable diseases—	
November, 1931-----	223
December, 1931-----	517
January, 1932-----	695
February, 1932-----	1171
March, 1932-----	1171
April, 1932-----	1403
Paratyphoid fever. (See Summaries—Disease cases reported monthly by States.)	
Paris green, the action of colloidal, on the larvæ of <i>Culex apicalis</i> —Grant, Newman, and Wood-----	1239
Parker, R. R.: Tularæmia: Occurrence in the sage hen, <i>Centrocercus urophasianus</i> (also report of additional cases following contacts with quail, <i>Colinus virginianus</i>)-----	479
Patients in institutions for the care of epileptics:	
January—March, 1930-----	349
April—June, 1930-----	852
July—September, 1930-----	1257
Patients in institutions for the feeble-minded:	
October—December, 1929-----	274
January—March, 1930-----	622
April—June, 1930-----	901
July—September, 1930-----	1159

Patty, F. A.: Studies in asphyxia. II. Blood chemistry changes resulting from comparatively rapid asphyxia by atmospheres deficient in oxygen-----

136

Pellagra:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

December 12, 1931-----	55
December 19, 1931-----	109
December 26, 1931-----	164
January 2, 1932-----	218
January 9, 1932-----	281
January 16, 1932-----	357
January 23, 1932-----	404
January 30, 1932-----	456
February 6, 1932-----	513
February 13, 1932-----	579
February 20, 1932-----	629
February 27, 1932-----	689
March 5, 1932-----	743
March 12, 1932-----	813
March 19, 1932-----	859
March 26, 1932-----	908
April 2, 1932-----	965
April 9, 1932-----	1020
April 16, 1932-----	1071
April 23, 1932-----	1124
April 30, 1932-----	1167
May 7, 1932-----	1219
May 14, 1932-----	1265
May 21, 1932-----	1309
May 28, 1932-----	1350
June 4, 1932-----	1398

Pennsylvania:

(See Name of disease—Current weekly State reports.)

(See Summaries—Disease cases reported monthly by States.)

Peru:

Lima—

Influenza-----	1224
Poliomyelitis-----	223

Philip, Cornelius B.: Tularæmia: Occurrence in the sage hen, *Centrocercus urophasianus* (also report of additional cases following contacts with quail, *Colinus virginianus*)-----

479

Philippine Islands:

Anthrax-----	913
Manila—Rat-bite fever-----	360

Phosphorus, protein metabolism, and calcium in leprosy—Wooley and Ross-----

380

Physical examination of prisoners, value of—King-----

1197

Plague (bubonic): Azores-----

460

Plague (human): Foreign reports-----

64,

118, 173, 227, 290, 364, 414, 466, 521, 587, 638, 698, 752, 824,
870, 918, 974, 1028, 1080, 1134, 1174, 1227, 1273, 1317, 1358, 1406.

Plague (suspected) on vessel "Cadaeetus" at Avonmouth Docks, Bristol, England-----

747

Plague (rodent): California—Los Angeles-----

1065

Pneumonia (all forms): City reports for week ended—

December 12, 1931-----	50
December 19, 1931-----	104
December 26, 1931-----	158
January 2, 1932-----	213
January 9, 1932-----	276
January 16, 1932-----	351
January 23, 1932-----	399
January 30, 1932-----	451
February 6, 1932-----	507
February 13, 1932-----	573

Pneumonia (all forms): City reports for week ended—Continued.	Page
February 20, 1932	624
February 27, 1932	684
March 5, 1932	738
March 12, 1932	808
March 19, 1932	854
March 26, 1932	902
April 2, 1932	959
April 9, 1932	1014
April 16, 1932	1066
April 23, 1932	1119
April 30, 1932	1161
May 7, 1932	1214
May 14, 1932	1259
May 21, 1932	1304
May 28, 1932	1344
June 4, 1932	1393
Poliomyelitis:	
(See also Summaries—Disease cases reported monthly by States.)	
Australia	582
City reports for week ended—	
December 12, 1931	55
December 19, 1931	109
December 26, 1931	164
January 2, 1932	218
January 9, 1932	281
January 16, 1932	357
January 23, 1932	404
January 30, 1932	456
February 6, 1932	513
February 13, 1932	579
February 20, 1932	629
February 27, 1932	689
March 5, 1932	743
March 12, 1932	813
March 19, 1932	859
March 26, 1932	908
April 2, 1932	965
April 9, 1932	1020
April 16, 1932	1071
April 23, 1932	1124
April 30, 1932	1167
May 7, 1932	1219
May 14, 1932	1265
May 21, 1932	1309
May 28, 1932	1350
June 4, 1932	1398
Current weekly State reports	45,
99, 151, 208, 271, 344, 394, 445, 503, 569, 619, 677, 733, 804, 849,	
898, 954, 1008, 1061, 1115, 1156, 1207, 1254, 1299, 1340, 1387.	
Peru—Lima	223
Prisoners, value of complete routine physical examination of—King	1197
Probey, T. F.: The relation between trypanocidal and spirocheticidal activities of neoarsphenamine. II. The spirocheticidal activity as measured by the prophylactic power of neoarsphenamine	429
Proteolysis in malignant tumors, relation of oxidation to—Voegtlin and Maver	711
Protein metabolism, calcium, and phosphorus in leprosy—Wooley and Ross	380
Proteins, action of arsenic upon the fixed sulphhydryl groups of—Rosenthal	241
Publications, Public Health Service. (List issued during the period July—December, 1931)	261
Public health—Court decisions relating to	41,
93, 146, 202, 260, 389, 440, 498, 565, 613, 675, 726, 844, 894,	
1003, 1056, 1110, 1152, 1202, 1250, 1294, 1335, 1383.	

Public Health Service publications. (List issued during the period July-December, 1931)	261
Puerperal fever. (See Summaries—Disease cases reported monthly by States.)	
Puerto Rico:	
Infant mortality, 1930 and 1931	1129
San Juan—	
Communicable diseases—Four weeks ended—	
December 5, 1931	114
January 2, 1932	410
January 30, 1932	517
February 27, 1932	914
March 26, 1932	1024
April 23, 1932	1224
Final report on a rat-flea survey—Carrión	193
Vital statistics, 1930	820

R

Rabies in animals. (See Summaries—Disease cases reported monthly by States.)	
Rabies in man. (See Summaries—Disease cases reported monthly by States.)	
Rat-bite fever: Philippine Islands—Manila	360
Rates of physical impairments in 28 occupations based on 17,294 medical examinations—Britten and Goddard	1
Rat-flea survey of San Juan, P. R., final report on a—Carrión	193
Rat infestation inspection of vessels—Williams	765
Rat infestation of vessels, some instances of rapid—Williams	1331
Reciprocal notifications of communicable disease cases—United States—	
November, 1931	48
December, 1931	273
January, 1932	571
February, 1932	806
March, 1932	1012
April, 1932	1257
Respiratory disease, acute, in University of Michigan students, 1917-1931—Forsythe	1371
Rhode Island:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Rice, C. E.:	
A trachoma survey in the Rio Grande valley of Texas	38
Comparison of trachoma virulence in different sections of the United States	1149
Trachoma and trachoma prevention work in Missouri	885
Ringworm. (See Summaries—Disease cases reported monthly by States.)	
Rocky Mountain spotted (or tick) fever. (See Summaries—Disease cases reported monthly by States.)	
Rosenthal, Sanford M.:	
The formation of arsenuxide from the arsphenamines in the living animal and in test-tube oxidations	933
Action of arsenic upon the fixed sulphhydryl groups of proteins	241
Ross, Hilary: Calcium, phosphorous, and protein metabolism in leprosy	380
Rumreich, A.:	
Preparation of a vaccine from fleas infected with endemic typhus	1329
Transmission of endemic typhus fever by rubbing either crushed infected fleas or infected flea feces into wounds	131
Typhus fever. Experimental transmission of endemic typhus fever of the United States by the rat flea <i>Ceratophyllus fasciatus</i>	931
Typhus fever. Multiplication of the virus of endemic typhus in the rat flea <i>Xenopsylla cheopis</i>	987
Scabies: (See Summaries—Disease cases reported monthly by States.)	
Scarlatinæ, effect of lithium chloride on the morphology of streptococcus—Spencer and Workman	377

S

Scabies: (See Summaries—Disease cases reported monthly by States.)	
Scarlatinæ, effect of lithium chloride on the morphology of streptococcus—Spencer and Workman	

Scarlet fever:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

December 12, 1931	53
December 19, 1931	107
December 26, 1931	161
January 2, 1932	216
January 9, 1932	279
January 16, 1932	354
January 23, 1932	402
January 30, 1932	454
February 6, 1932	510
February 13, 1932	576
February 20, 1932	627
February 27, 1932	687
March 5, 1932	741
March 12, 1932	811
March 19, 1932	857
March 26, 1932	905
April 2, 1932	962
April 9, 1932	1017
April 16, 1932	1069
April 23, 1932	1122
April 30, 1932	1164
May 7, 1932	1217
May 14, 1932	1262
May 21, 1932	1307
May 28, 1932	1347
June 4, 1932	1396

Current weekly State reports—

99, 151, 208, 271, 344, 394, 445, 503, 569, 619, 677, 733, 804,	849, 898, 954, 1008, 1061, 1115, 1156, 1207, 1254, 1299, 1340,
1387.	

Scarlet fever streptococcus antitoxin standardization of (a method of employing the ear of the white rabbit)—Veldee	45, 1043
Schrenk, H. H.: Studies in asphyxia. II. Blood chemistry changes resulting from comparatively rapid asphyxia by atmospheres deficient in oxygen	136
Scientific congress, seventh American, postponed until November, 1933	146
Sebrell, W. H.: Studies on the biochemistry of sulphur. XII. Preliminary studies on amino-acid toxicity and amino-acid balance	75
Sepic sore throat. (See Summaries—Disease cases reported monthly by States.)	

Sex differences in the prevalence of dental caries (Studies in dental caries No. 2)—Stoughton and Thornhill	26
---	----

Sibley, Elbridge: Relative incidence of typhoid fever in urban and rural areas of Tennessee	839
---	-----

Sickness among male industrial employees in the third quarter of 1931—Brundage	134
--	-----

Sickness among male industrial employees during the last three months of 1931, and a summary of sickness frequency by years since 1920—Brundage	995
---	-----

Sierra Leone: Smallpox	1355
------------------------	------

Smallpox. (See also Summaries—Disease cases reported monthly by States.)	
--	--

Canada—British Columbia—Vancouver	461
-----------------------------------	-----

City reports for week ended—

December 12, 1931	53
December 19, 1931	107
December 26, 1931	161
January 2, 1932	216
January 9, 1932	279
January 16, 1932	354
January 23, 1932	402
January 30, 1932	454
February 6, 1932	510
February 13, 1932	576

Smallpox—Continued.

	Page
City reports for week ended—Continued.	
February 20, 1932	627
February 27, 1932	687
March 5, 1932	741
March 12, 1932	811
March 19, 1932	857
March 26, 1932	905
April 2, 1932	962
April 9, 1932	1017
April 16, 1932	1069
April 23, 1932	1122
April 30, 1932	1164
May 7, 1932	1217
May 14, 1932	1262
May 21, 1932	1307
May 28, 1932	1347
June 4, 1932	1396
Current weekly State reports	45,
99, 151, 208, 271, 344, 394, 445, 503, 569, 619, 677, 733, 804, 849, 898, 954, 1008, 1061, 1115, 1156, 1207, 1254, 1299, 1340, 1387.	
Foreign reports	67,
121, 176, 231, 294, 368, 418, 470, 525, 591, 642, 702, 755, 828, 874, 921, 978, 1032, 1084, 1138, 1178, 1231, 1277, 1321, 1361, 1410.	
Honduras	286
Sierra Leone	1355
Sweden—Malmö	635
Smallpox incidence in civilized countries, trend of	837
Smallpox on vessel "Bellasco" at Mobile, Ala.	285
Smallpox on vessel "Jaboatao" at New Orleans, La.	222
Smith, J. E.:	
Trachoma and trachoma prevention work in Missouri	885
Comparison of trachoma virulence in different sections of the United States	1149
Sory, Robert: Comparison of trachoma virulence in different sections of the United States	1149
South Carolina:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
South Dakota:	
(See Name of disease—Current weekly State reports.)	
(See Summaries—Disease cases reported monthly by States.)	
Spencer, R. R.: The effect of lithium chloride on the morphology of <i>Strepto-</i> <i>coccus scarlatinæ</i>	377
Stoughton, Amanda L.: Sex differences in the prevalence of dental caries. (Studies in dental caries No. 2)	26
Studies on the biochemistry of sulphur. XII. Preliminary studies on amino-acid toxicity and amino-acid balance—Sullivan, Hess, and Sebrell	75
Sulphur, studies on the biochemistry of. XII. Preliminary studies on amino-acid toxicity and amino-acid balance—Sullivan, Hess, and Sebrell	75
Sullivan, M. X.: Studies on the biochemistry of sulphur. XII. Prelimi- nary studies on amino-acid toxicity and amino-acid balance	75
Summaries:	
Communicable diseases—	
Cases and case rates per 100,000 population—Reported by State health officers—	
October, 1931	154, 155
November, 1931	347, 348
December, 1931	447, 448
January, 1932	680, 681
February, 1932	1010, 1011
March, 1932	1210, 1211
April, 1932	1389, 1390
Case rates per 100,000 population for 98 cities—	
November 8—December 12, 1931	57
November 15—December 19, 1931	111
November 22—December 26, 1931	165
November 29, 1931—January 2, 1932	220

Summaries—Continued.

Communicable diseases—Continued.

Case rates per 100,000 population for 98 cities—Continued.	Page
December 6, 1931—January 9, 1932-----	283
December 13, 1931—January 16, 1932-----	358
December 20, 1931—January 23, 1932-----	406
December 27, 1931—January 30, 1932-----	458
January 3—February 6, 1932-----	514
January 10—February 13, 1932-----	580
January 17—February 20, 1932-----	631
January 24—February 27, 1932-----	691
January 31—March 5, 1932-----	745
February 7—March 12, 1932-----	815
February 14—March 19, 1932-----	861
February 21—March 26, 1932-----	910
February 28—April 2, 1932-----	967
March 6—April 9, 1932-----	1021
March 13—April 16, 1932-----	1073
March 20—April 23, 1932-----	1126
March 27—April 30, 1932-----	1168
April 3—May 7, 1932-----	1221
April 10—May 14, 1932-----	1266
April 17—May 21, 1932-----	1311
April 24—May 28, 1932-----	1352
May 1—June 4, 1932-----	1400
Disease cases reported monthly by States-----	46,
100, 152, 209, 272, 345, 395, 446, 504, 570, 620, 678, 734, 805, 850,	
899, 955, 1009, 1062, 1116, 1157, 1208, 1255, 1300, 1341, 1388.	
General current, and weekly reports from cities—Week ended-----	
December 12, 1931-----	49
December 19, 1931-----	103
December 26, 1931-----	157
January 2, 1932-----	212
January 9, 1932-----	275
January 16, 1932-----	350
January 23, 1932-----	398
January 30, 1932-----	450
February 6, 1932-----	506
February 13, 1932-----	572
February 20, 1932-----	623
February 27, 1932-----	683
March 5, 1932-----	737
March 12, 1932-----	807
March 19, 1932-----	853
March 26, 1932-----	902
April 2, 1932-----	958
April 9, 1932-----	1013
April 16, 1932-----	1065
April 23, 1932-----	1118
April 30, 1932-----	1160
May 7, 1932-----	1213
May 14, 1932-----	1258
May 21, 1932-----	1303
May 28, 1932-----	1342
June 4, 1932-----	1392
Summary, annual mortality, for 83 large cities, 1931-----	265
Summary of certain notifiable diseases in the United States, 1930-----	560
Sweden: Malmo—Smallpox-----	635
Switzerland: Influenza-----	863, 969

T

Tennessee:

(See also Name of disease—Current weekly State reports.)

(See also Summaries—Disease cases reported monthly by States.)

Typhoid fever in urban and rural areas, relative incidence of—Milam
and Sibley-----

839

Tetanus. (See Summaries—Disease cases reported monthly by States.)

Texas:

(See also Name of disease—Current weekly State reports.)

(See also Summaries—Disease cases reported monthly by States.)

Trachoma survey in the Rio Grande valley of—Rice-----

38

Thornhill, Verna: Sex differences in the prevalence of dental caries.

26

(Studies in dental caries No. 2)

Trachoma. (See Summaries—Disease cases reported monthly by States.)

885

Trachoma and trachoma prevention work in Missouri—Rice and Smith-----

38

Trachoma survey in the Rio Grande valley of Texas—Rice-----

1149

Trachoma virulence, comparison of, in different sections of the United

States—Rice, Smith, and Sory-----

Trinidad: Port of Spain—Vital statistics-----

169

November, 1931, 1930-----

462

December, 1931, 1930-----

635

January, 1932, 1931-----

914

February, 1932, 1931-----

1129

March, 1932, 1931-----

1314

April, 1932, 1931-----

Tuberculosis: City reports for week ended—

53

December 12, 1931-----

107

December 19, 1931-----

161

December 26, 1931-----

216

January 2, 1932-----

279

January 9, 1932-----

354

January 16, 1932-----

402

January 23, 1932-----

454

January 30, 1932-----

510

February 6, 1932-----

576

February 20, 1932-----

627

February 27, 1932-----

687

March 5, 1932-----

741

March 12, 1932-----

811

March 19, 1932-----

857

March 26, 1932-----

905

April 2, 1932-----

962

April 9, 1932-----

1017

April 16, 1932-----

1069

April 23, 1932-----

1122

April 30, 1932-----

1164

May 7, 1932-----

1217

May 14, 1932-----

1262

May 21, 1932-----

1307

May 28, 1932-----

1347

June 4, 1932-----

1396

Tularæmia:

(See also Summaries—Disease cases reported monthly by States.)

Occurrence in the sage hen, *Centrocercus urophasianus*. (Also report of additional cases following contacts with quail, *Colinus virginianus*)

—Parker, Philip, and Davis-----

479

Tumors, malignant, relation of oxidation to proteolysis in—Voegtlin and Maver-----

711

Typhoid fever:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

53

December 12, 1931-----

107

December 19, 1931-----

161

December 26, 1931-----

216

January 2, 1932-----

279

January 9, 1932-----

354

January 16, 1932-----

402

January 23, 1932-----

454

January 30, 1932-----

510

February 6, 1932-----

576

February 13, 1932-----

627

February 20, 1932-----

687

February 27, 1932-----

741

March 5, 1932-----

Typhoid fever—Continued.

City reports for week ended—Continued.

March 12, 1932	811
March 19, 1932	857
March 26, 1932	905
April 2, 1932	962
April 9, 1932	1017
April 16, 1932	1069
April 23, 1932	1122
April 30, 1932	1164
May 7, 1932	1217
May 14, 1932	1262
May 21, 1932	1307
May 28, 1932	1347
June 4, 1932	1396

Current weekly State reports

99, 151, 208, 271, 344, 394, 445, 503, 569, 619, 677, 733, 804, 849, 898, 954, 1008, 1061, 1115, 1156, 1207, 1254, 1299, 1340,	45, 849, 1387.
--	----------------

In urban and rural areas of Tennessee, relative incidence of—Milam and Sibley

839

Typhus fever:

Foreign reports

125, 180, 235, 298, 372, 422, 474, 529, 596, 646, 706, 760, 878, 926, 983, 1037, 1089, 1143, 1184, 1236, 1282, 1326,	832, 1367,
1416.	

On vessel "Canelos" at Chile

410

Experimental transmission of endemic typhus fever of the United States by the rat flea *Ceratophyllus fasciatus*—Dyer, Workman, Badger, and Rumreich

931

Multiplication of the virus of endemic typhus in the rat flea *Xenopsylla cheopis*—Dyer, Workman, Ceder, Badger, and Rumreich

987

Transmission of endemic, by rubbing either crushed infected fleas or infected flea feces into wounds—Dyer, Ceder, Workman, Rumreich, and Badger

131

Preparation of a vaccine from fleas infected with—Dyer, Workman, Rumreich, and Badger

1329

U

Undulant fever. (See Summaries—Disease cases reported monthly by States.)

Union of South Africa:

Communicable diseases—Year ended June 30, 1931	169
Johannesburg—Vital statistics, year ended June 30, 1931	1076
Vital statistics—Year, 1930	169

United States:

Communicable diseases—

Cases and case rates per 100,000 population—Reported by

State health officers—

October, 1931	154, 155
November, 1931	347, 348
December, 1931	447, 448
January, 1932	680, 681
February, 1932	1010, 1011
March, 1932	1210, 1211
April, 1932	1390, 1391

Case rates per 100,000 population for 98 cities—

November 8—December 12, 1931	57
November 15—December 19, 1931	111
November 22—December 26, 1931	165
November 29, 1931—January 2, 1932	220
December 6, 1931—January 9, 1932	283
December 13, 1931—January 16, 1932	358
December 20, 1931—January 23, 1932	406
December 27, 1931—January 30, 1932	458
January 3—February 6, 1932	514
January 10—February 13, 1932	580
January 17—February 20, 1932	631

United States—Continued.

Communicable diseases—Continued.

	Page
Case rates per 100,000 population for 98 cities—Continued.	
January 24—February 27, 1932	691
January 31—March 5, 1932	745
February 7—March 12, 1932	815
February 14—March 19, 1932	861
February 21—March 26, 1932	910
February 28—April 2, 1932	967
March 6—April 9, 1932	1021
March 13—April 16, 1932	1073
March 20—April 23, 1932	1126
March 27—April 30, 1932	1168
April 3—May 7, 1932	1221
April 10—May 14, 1932	1266
April 17—May 21, 1932	1311
April 24—May 28, 1932	1352
May 1—June 4, 1932	1400
Current prevalence of	185, 427, 651, 883, 1147, 1285
Current weekly State reports	44,
98, 150, 152, 207, 270, 343, 393, 444, 502, 568, 618, 676, 732, 803,	
848, 897, 953, 1007, 1060, 1114, 1155, 1206, 1253, 1298, 1339,	
1386.	
Deaths—Large cities—Week ended—	
December 12, 1931	41
December 19, 1931	95
December 26, 1931	147
January 2, 1932	204
January 9, 1932	267
January 16, 1932	340
January 23, 1932	390
January 30, 1932	441
February 6, 1932	499
February 13, 1932	565
February 20, 1932	615
February 27, 1932	727
March 5, 1932	729
March 12, 1932	800
March 19, 1932	845
March 26, 1932	894
April 2, 1932	950
April 9, 1932	1004
April 16, 1932	1057
April 23, 1932	1111
April 30, 1932	1152
May 7, 1932	1203
May 14, 1932	1250
May 21, 1932	1295
May 28, 1932	1336
June 4, 1932	1383
Reciprocal notifications of—	
November, 1931	48
December, 1931	273
January, 1932	571
February, 1932	806
March, 1932	1012
April, 1932	1257
Summaries—Disease cases reported monthly by States	46,
100, 152, 209, 272, 345, 395, 446, 504, 570, 620, 678, 734, 805,	
850, 899, 955, 1009, 1062, 1116, 1157, 1208, 1255, 1300, 1341,	
1388.	
Influenza—	
January 17—February 20, 1932	571
February 21—March 12, 1932	736
March 13—April 9, 1932	958
Summary of certain notifiable diseases, 1930	560
Trachoma virulence, comparison of, in different sections of—Rice, Smith, and Sory	1149

	Page
University of Michigan students, acute respiratory disease in, 1917-1931— Forsythe—	1371
Usilton, Lida J.: Prevalence of venereal disease in New Orleans, La.— Utah. (See Name of disease—Current weekly State reports.)	1187
V	
Vaccine from fleas infected with endemic typhus, preparation of—Dyer, Workman, Rumreich, and Badger—	1329
Veldee, M. V.: Standardization of scarlet fever streptococcus antitoxin (A method of employing the ear of the white rabbit)—	1043
Venereal disease in New Orleans, La., prevalence of—Clark and Usilton— Vermont: (See Name of disease—Current weekly State reports.) (See Summaries—Disease cases reported monthly by States.)	1187
Vessels: Rat infestation inspection of—Williams—	765
Some instances of rapid rat infestation of—Williams—	1331
Vincent's angina. (See Summaries—Disease cases reported monthly by States.)	
Virginia: (See Name of disease—Current weekly State reports.) (See Summaries—Disease cases reported monthly by States.)	
Virgin Islands: Communicable diseases—	
November, 1931—	286
December, 1931—	286
January, 1932—	866
February, 1932—	966
March, 1932—	1024
April, 1932—	1224
Vital statistics:	
Canada—	
Quebec—	
April-July, 1931—	409
August-November, 1931—	460
December, 1931—	634
Years 1931, 1930, and 1929—	634
January, 1932—	913
Saskatchewan, 1930—	818
Germany—	
First quarter, 1931—	462
Second quarter, 1931—	462
Great Britain—	
England and Wales—October-December, 1931—	865
Scotland—	
Year, 1931—	694
Quarter ended December 31, 1931—	694
Quarter ended March 31, 1932—	1403
Irish Free State, 1930—	818
Puerto Rico, 1930—	820
Trinidad—Port of Spain—	
November, 1931, 1930—	169
December, 1931, 1930—	462
January, 1932, 1931—	635
February, 1932, 1931—	914
March, 1932, 1931—	1129
April, 1932, 1931—	1314
Union of South Africa—	
Johannesburg, year ended June 30, 1931—	1076
Year, 1930—	169
Voegtlin, Carl:	
The chemistry of cell division. III. Inhibition of cell division of <i>Amoeba proteus</i> by high dilutions of copper salts—Antagonism of copper and glutathione—	535
Relation of oxidation to proteolysis in malignant tumors—	711

W

Washington:

(See Name of disease—Current weekly State reports.)
 (See Summaries—Disease cases reported monthly by States.)

West Virginia:

(See Name of disease—Current weekly State reports.)
 (See Summaries—Disease cases reported monthly by States.)

Whooping cough:

(See also Summaries—Disease cases reported monthly by States.)

City reports for week ended—

December 12, 1931	53
December 19, 1931	107
December 26, 1931	161
January 2, 1932	216
January 9, 1932	279
January 16, 1932	354
January 23, 1932	402
January 30, 1932	454
February 6, 1932	510
February 13, 1932	576
February 20, 1932	627
February 27, 1932	687
March 5, 1932	741
March 12, 1932	811
March 19, 1932	857
March 26, 1932	905
April 2, 1932	962
April 9, 1932	1017
April 16, 1932	1069
April 23, 1932	1122
April 30, 1932	1164
May 7, 1932	1217
May 14, 1932	1262
May 21, 1932	1307
May 28, 1932	1347
June 4, 1932	1396

Williams, C. L.:

Rat infestation inspection of vessels-----765
 Some instances of rapid rat infestation of vessels-----1331

Wisconsin:

(See Name of disease—Current weekly State reports.)
 (See Summaries—Disease cases reported monthly by States.)

Wood, Pierce D.: The action of colloidal Paris green on the larvae of *Culex apicalis*-----1239

Wooley, Jerald G.: Calcium, phosphorus, and protein metabolism in leprosy-----380

Workman, W. G.:

Preparation of a vaccine from fleas infected with endemic typhus-----1329
 The effect of lithium chloride on the morphology of *Streptococcus scarlatinus*-----377

Transmission of endemic typhus fever by rubbing either crushed infected fleas or infected flea feces into wounds-----131

Typhus fever. Experimental transmission of endemic typhus fever of the United States by the rat flea *Ceratophyllus fasciatus*-----931

Typhus fever. Multiplication of the virus of endemic typhus in the rat flea *Xenopsylla cheopis*-----987

Wyoming:

(See Name of disease—Current weekly State reports.)
 (See Summaries—Disease cases reported monthly by States.)

Y

Yant, W. P.: Studies in asphyxia. II. Blood chemistry changes resulting from comparatively rapid asphyxia by atmospheres deficient in oxygen-----136
Yellow fever: Foreign reports-----73, 127, 182, 238, 300, 374, 424, 476, 532, 598, 648, 709, 762, 834, 881, 928, 985, 1040, 1092, 1146, 1186, 1238, 1284, 1328, 1369, 1418.

	Page
Yugoslavia: Communicable diseases—	
November, 1931	114
December, 1931	1025
January, 1932	1077
February, 1932	113C
March, 1932	1171
April, 1932	1269

