

# Morbidity and Mortality

Weekly  
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Information on Selected Notifiable Diseases in the United States for Week Ended January 10, 1953.

### EPIDEMIOLOGICAL REPORTS

#### Smallpox

Dr. E. A. Belden, Missouri Department of Public Health and Welfare, reports a case of smallpox in a white male, age 19, in Jefferson County. The patient, who attended college in Indiana, left for his home by train 13 days prior to onset of the illness, which was on January 1, 1953. He was vaccinated 12 years ago and had chickenpox at the age of 3. Laboratory studies are under-way. A delayed case of smallpox, with onset December 20, was reported in Vernon County. No additional cases have occurred in either locality.

Dr. R. H. Heeren, Iowa State Department of Health, gives additional information on the case of smallpox reported for the week ended December 13. This case occurred in Sioux City where no smallpox has been diagnosed for several years. The source of infection was not determined. The patient was a 11-year-old boy who had a successful vaccination about 5 years ago. No laboratory tests have been made which might confirm or reject the diagnosis, consequently this case is reported as "not confirmed."

#### Influenza and other respiratory diseases

The following reports have been received by the Influenza Information Center, National Institutes of Health, and by the National Office of Vital Statistics.

Dr. A. P. McKee, of the Influenza Regional Laboratory, Iowa City, Iowa, reports the isolation of 6 strains of influenza A virus resembling the FM-1 strain, from cases in Iowa City. He has also isolated influenza A strains from a military installation in Missouri, similar to those previously recovered by Dr. M. R. Hilleman from the same place.

Dr. Gordon Meikeljohn, of the Influenza Collaborating Laboratory, Denver, and the Division of Preventive Medicine, United States Air Force, reports an outbreak of influenza at a military installation in Colorado, beginning January 4. Five paired serum samples showed marked rise in titer to A-prime antigen. Cases of influenza-like disease appeared earlier in the near-by civilian population. Reports of an increased respiratory disease rate at Air Force Bases in Texas and South Dakota have also been received. The Division of Preventive Medicine, Department of the Army and Dr. Jonas Salk, University of Pittsburgh, report that 4 pairs of serum from an outbreak of influenza-like disease at a military installation in New Jersey show a significant rise to influenza A-prime antigens.

The Army Medical Service Graduate School reports the identification as influenza A-prime of a strain of virus recovered by the Hawaiian Medical Laboratory at Tripler Army Hospital, Hawaii. The patient became ill on the 21st or 22d of November in Hawaii after leaving the Philippine Islands on November 19. The antigenic characteristics of this strain are similar to strains recently recovered in Missouri.

Dr. E. H. Lennette, Influenza Regional Laboratory, Berkeley, California, reports positive serologic diagnosis for 3 cases of influenza A, one in October, one in November, and one in the early part of December, and two cases of influenza B, one in September and one in November.

Dr. A. V. Hardy, Influenza Collaborating Laboratory, Florida State Health Department, reports an influenza-like disease among

students of the University of Florida, in Gainesville. The outbreak began on January 4, when students returned from vacation. Material is being collected for a specific diagnosis.

The Preventive Medicine Division, U. S. Navy, reports there has been a definite increase in upper respiratory disease in a military establishment in Maryland within the past week. A large proportion are presenting a clinical picture of influenza.

Dr. L. E. Burney, Indiana State Health Commissioner, reports a sudden outbreak of upper respiratory infection in De Pauw University. About 245 cases have been reported and material is being collected for laboratory tests. Dr. M. I. Shanholtz, Virginia State Health Commissioner, states that an outbreak has occurred in Appomattox County in which malaise and bronchitis are common symptoms. None of the cases have had pneumonia and no fatalities have been reported. Dr. G. J. Van Heuvelen, South Dakota State Health Officer, has been notified of an outbreak of an estimated 5,000 cases of respiratory disease in Sioux Falls. Dr. G. F. Mathews, Oklahoma Commissioner of Health, reports an outbreak of 400 to 500 cases in Stephens County, and a high prevalence of cases in Washington County and Oklahoma City. A high incidence of respiratory disease which began on December 29 is also reported from a federal penal institution in Oklahoma. Dr. G. W. Cox, Texas State Health Officer, reports that 14 counties have reported 100 or more cases of influenza for the week ended January 3. Areas of highest incidence are in western Texas and in the Panhandle region, but localized areas of high incidence are present in scattered sections throughout the State. Epidemiological investigations are being conducted in several areas and preliminary reports reveal that the clinical picture has been compatible with a diagnosis of influenza, but the disease is not of unusual severity. Laboratory examinations are being conducted. Dr. E. A. Belden, Missouri Department of Public Health and Welfare, states that approximately 150 cases of influenza were reported by a physician in Greene County. Widespread prevalence of respiratory disease in the State is suggested. A small outbreak in Connecticut has been reported by Dr. J. C. Hart. The cases, diagnosed clinically as influenza began December 29. Laboratory tests on blood samples are not yet available.

The above reports indicate widespread prevalence of respiratory disease in the central and eastern parts of the country. Influenza A-prime was confirmed in 4 States, Iowa, Missouri, Colorado and New Jersey. Other localized outbreaks have not yet been identified as to type of disease present.

The number of deaths from influenza and pneumonia reported by 58 cities was 291 for the week ended January 3 as compared with 230 for the previous week. The numbers reported for these cities by geographic division, with figures for the previous week in parentheses, were: New England, 16 (17); Middle Atlantic, 103 (92); East North Central, 58 (43); West North Central, 32 (22); South Atlantic, 30 (23); East South Central, 14 (7); West South Central, 22 (12); Mountain, 6 (7); and Pacific, 10 (7).

Dr. C. H. Andrewes, World Influenza Center, London, reports very little influenza A in the south of England. One case in Surrey has been identified serologically as influenza A. A virus of the A-prime type has been obtained from a fatal case in Kent. The virus was closely related to the Scandinavian strains in 1950-51. There is no evidence yet of a widespread outbreak. Dr. Andrewes is forwarding to Dr. Magill, of the Strain Study

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Center, a recently acquired strain of influenza A-prime, A/Japan 5/51, which was serologically somewhat apart from other A-prime strains which were recovered during 1951.

Psittacosis

In the 10-year period, 1942 to 1951 inclusive, the average annual number of cases of psittacosis reported was 23. The actual numbers varied from 1 in 1943 to 35 in 1949. During the early part of 1952, a number of cases were reported in which parakeets purchased in Florida were found to be the source of infection. Such cases were reported in Minnesota, Connecticut, and Colorado. Twenty-nine cases were found among employees of a packing plant in Texas in which turkeys were being processed. Information was received that a second epidemic occurred in the same plant later in 1952. The source of infection in each outbreak was considered to be turkeys. Information on psittacosis was received from 12 States in 1952. About 70 cases were reported by these States. In addition to parakeets and turkeys as sources of infection, canar-

ies, pigeons, and chickens were found to be, or were presumed to be, sources of infection in humans reported to have the disease.

Dr. P. E. Marks, Pittsburgh Department of Public Health, reports that a diagnosis of psittacosis was confirmed following autopsy in a 57-year-old male. The original diagnosis was pneumonia with onset about November 10. At approximately the same time a daughter of this patient had a similar disease. A parakeet purchased by the family in West Virginia was found to be infected although not clinically ill.

Dr. Morris Greenberg, New York City Department of Health, has reported that an adult male was admitted to a hospital in New York City late in November with pulmonary finding suggestive of psittacosis. Laboratory confirmation of the diagnosis was obtained. The patient had recently purchased 2 parakeets from a store which had obtained a large supply from California. Blood obtained from the 2 parakeets when tested by the complement fixation test was found to be anti-complimentary.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52
	January 10, 1953 <sup>1</sup>	January 5, 1952			1952-53	1951-52	
Anthrax-----062	-	-	-	(2)	(2)	(2)	(2)
Botulism-----049.1	-	2	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	16	14	---	(2)	(2)	(2)	(2)
Diphtheria-----055	59	65	158	July 1	1,707	2,246	4,517
Encephalitis, acute infectious-----082	14	22	10	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092, N998.5 pt.	570	162	---	(2)	(2)	(2)	(2)
Malaria-----110-117	12	19	---	(2)	(2)	(2)	(2)
Measles-----085	5,226	9,496	7,236	Sept. 1	36,000	61,673	37,453
Meningococcal infections-----057	132	87	85	Sept. 1	1,364	1,242	1,081
Poliomyelitis, acute-----080	253	125	125	Apr. 1	56,499	27,497	27,497
Rabies in man-----094	-	-	---	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	-	2	1	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	3,748	1,529	1,529	Aug. 1	39,350	17,440	17,916
Smallpox-----084	-	-	1	(2)	(2)	(2)	(2)
Trichiniasis-----128	-	2	---	(2)	(2)	(2)	(2)
Tularemia-----059	17	11	24	(2)	(2)	(2)	(2)
Typhoid fever-----040	31	18	24	Apr. 1	2,020	1,803	2,392
Typhus fever, endemic-----101	6	3	---	Apr. 1	156	---	---
Whooping cough-----056	681	909	1,573	Oct. 1	8,538	15,094	23,187
Rabies in animals-----	123	103	---	(2)	(2)	(2)	(2)

<sup>1</sup>Psittacosis: New York, 2 cases.<sup>2</sup>Not computed.

NOTE.—One case of smallpox reported by Indiana for week ended January 3, changed to chickenpox.

For the purposes of weekly comparison over a period of years, the first week of the year is taken to be that week which has 4 or more days of the new year. According to this rule, the week ended January 3, 1953, was counted as the 53rd week of 1952, and it was compared with the first week of 1952. At the beginning of 1953, the first week of 1952 was again used for comparison, this time with the first week of 1953.

## SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [\*]: disease stated not notifiable; parentheses, [ ]: data not included in total; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED JANUARY 10, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)	
	1st Week		1st Week		1st Week		1st Week		1st Week		1st Week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	59	65	570	162	5,226	9,496	132	87	253	125	3,748	1,529
NEW ENGLAND-----	1	1	70	3	74	2,617	5	5	3	3	276	110
Maine-----	-	-	41	-	7	305	-	1	1	-	34	12
New Hampshire-----	-	-	-	-	5	165	-	-	-	-	7	1
Vermont-----	-	1	-	-	13	201	-	1	-	-	6	2
Massachusetts-----	1	-	28	2	35	1,201	5	2	1	2	120	60
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	22	4
Connecticut-----	-	-	1	1	14	562	-	1	1	1	87	31
MIDDLE ATLANTIC-----	9	14	55	3	410	3,492	20	12	23	4	711	244
New York-----	3	6	40	3	92	1,248	4	4	12	2	525	112
New Jersey-----	1	2	-	-	73	919	7	2	3	1	75	45
Pennsylvania-----	5	6	15	-	245	1,325	9	6	8	1	111	87
EAST NORTH CENTRAL-----	2	2	28	14	1,887	1,060	15	8	20	9	536	396
Ohio-----	1	-	11	5	130	212	2	-	1	-	143	118
Indiana-----	-	1	3	7	44	72	1	-	3	1	38	37
Illinois-----	-	-	4	2	287	399	7	2	3	-	124	53
Michigan-----	-	-	3	-	271	186	3	4	10	5	142	132
Wisconsin-----	1	1	7	-	1,155	191	2	2	3	3	89	56
WEST NORTH CENTRAL-----	-	2	133	15	845	161	13	4	22	18	203	66
Minnesota-----	-	-	22	-	180	7	3	1	1	2	35	18
Iowa-----	-	-	24	9	60	30	2	-	10	1	19	9
Missouri-----	-	1	17	3	381	11	3	2	-	7	68	12
North Dakota-----	-	1	14	3	45	81	2	-	2	-	23	6
South Dakota-----	-	-	-	-	33	12	1	-	9	-	14	2
Nebraska-----	-	-	53	-	3	7	-	-	-	-	6	3
Kansas-----	-	-	3	-	143	13	2	1	-	8	38	16
SOUTH ATLANTIC-----	15	13	119	66	198	943	21	19	18	8	346	230
Delaware-----	-	-	-	-	1	-	-	-	-	-	7	5
Maryland-----	-	-	3	13	13	341	2	2	-	-	34	18
District of Columbia-----	-	-	2	-	3	65	1	2	-	-	6	7
Virginia-----	1	1	20	2	29	121	3	2	1	1	185	90
West Virginia-----	1	-	53	-	47	139	3	-	3	-	17	21
North Carolina-----	3	2	33	1	64	36	7	4	2	-	62	61
South Carolina-----	3	3	-	2	18	3	1	-	1	-	2	-
Georgia-----	2	5	6	48	18	206	3	6	1	2	22	23
Florida-----	5	2	2	-	5	32	1	3	10	5	11	5
EAST SOUTH CENTRAL-----	13	18	48	36	277	478	17	11	8	14	107	64
Kentucky-----	1	5	19	16	34	271	4	7	2	2	17	20
Tennessee-----	4	1	13	20	167	51	7	3	3	1	64	33
Alabama-----	4	7	8	-	33	144	5	-	3	-	18	7
Mississippi-----	4	5	8	-	43	12	1	1	-	11	8	4
WEST SOUTH CENTRAL-----	15	10	52	5	586	107	17	7	17	25	907	110
Arkansas-----	-	3	22	5	119	2	3	-	-	2	56	43
Louisiana-----	1	-	-	-	4	-	2	-	5	-	2	1
Oklahoma-----	2	-	3	-	11	17	3	-	4	2	24	20
Texas-----	12	7	27	-	452	88	9	7	8	21	825	46
MOUNTAIN-----	1	1	10	4	274	452	3	3	34	10	373	68
Montana-----	-	-	-	3	33	82	-	-	2	1	19	11
Idaho-----	1	-	-	-	18	10	1	-	-	4	61	17
Wyoming-----	-	-	3	-	6	6	-	-	1	-	8	12
Colorado-----	-	-	2	-	22	129	2	-	1	-	20	11
New Mexico-----	-	-	3	-	26	44	-	1	-	-	11	3
Arizona-----	-	1	-	-	125	136	-	2	3	1	149	5
Utah-----	-	-	1	1	41	45	-	-	17	3	102	9
Nevada-----	-	-	-	-	3	-	-	-	10	1	3	-
PACIFIC-----	3	4	55	16	675	186	21	18	108	34	289	241
Washington-----	-	2	5	-	102	77	1	-	7	2	99	21
Oregon-----	1	-	5	7	192	32	-	3	1	3	48	36
California-----	2	2	45	9	581	77	20	15	100	29	142	184
Alaska-----	(-)	(-)	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(1)	(-)	(-)
Hawaii-----	(-)	(-)	(-)	(-)	(2)	(691)	(1)	(-)	(2)	(-)	(-)	(-)
Puerto Rico-----	(5)	(12)	(-)	(-)	(10)	(7)	(-)	(-)	(-)	(1)	(-)	(-)

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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED JANUARY 10, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Etiophalitis, acute infectious (062)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infectious (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
<b>NEW ENGLAND</b>															
Boston-----					3	1			16						
Bridgeport-----									4						
Cambridge-----							1								
Fall River-----															
Hartford-----														4	
Lowell-----									2						
Lynn-----					2				1						
New Bedford-----					1				2						
New Haven-----					6	6			15						
Portland, Me.-----				9	1				1						
Providence-----									11						
Somerville-----															
Springfield, Mass.-----									4					2	
Waterbury-----							1		2						
Worcester-----				16											
<b>MIDDLE ATLANTIC</b>															
Albany-----															
Buffalo-----															
Camden-----					1										
Elizabeth-----					1										
Erie-----					14				2						
Jersey City-----						1						1			
Newark, N. J.-----					7	2			3						18
New York City-----		3	5	2	72	2			57			2		60	
Paterson-----															
Philadelphia-----				3	7	1			13						21
Pittsburgh-----					1				3			1			
Reading-----					4										
Rochester, N. Y.-----															
Schenectady-----															
Syracuse-----															
Trenton-----									2						
Utica-----															
Yonkers-----															
<b>EAST NORTH CENTRAL</b>															
Akron-----															
Canton-----				3											
Chicago-----					46	9	1		46						7
Cincinnati-----					6	2			16						
Cleveland-----				1	4	2			28						22
Columbus-----					44				8						
Dayton-----				1					3						
Detroit-----					13	1			31					18	1
Evansville-----									14						
Flint-----					8	1			6						
Fort Wayne-----						1			1						
Grand Rapids-----					1				7						
Indianapolis-----					2				7						
Milwaukee-----					135				16						5
Peoria-----					2		1		3						
South Bend-----									1						
Toledo-----														1	
Youngstown-----					9				2						
<b>WEST NORTH CENTRAL</b>															
Des Moines-----				8					3						
Duluth-----					7				2						
Kansas City, Kans.-----															
Kansas City, Mo.-----				1	27				10						
Minneapolis-----				1	153				17						
Omaha-----															
St. Louis-----					94		2		5						
St. Paul-----					6				1						
Wichita-----					410				4						





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Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED  
JANUARY 10, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	WEEK ENDED		CITY	WEEK ENDED	
	January 10, 1953	January 3, 1953		January 10, 1953	January 3, 1953
NEW ENGLAND			WEST NORTH CENTRAL—Continued		
Boston-----	220	209	St. Paul-----	94	68
Bridgeport-----	39	26	Wichita-----	49	45
Cambridge-----	35	31	SOUTH ATLANTIC		
Fall River-----	24	26	Atlanta-----	140	108
Hartford-----	46	39	Baltimore-----	251	228
Lovell-----	26	15	Charlotte-----	47	51
Lynn-----	26	31	Miami-----	66	44
New Bedford-----	29	24	Norfolk-----	36	41
New Haven-----	56	49	Richmond-----	80	62
Providence-----	79	86	Tampa-----	76	48
Somerville-----	20	15	Washington, D. C.-----	233	177
Springfield, Mass.-----	32	40	Wilmington, Del.-----	23	42
Waterbury-----	34	29	EAST SOUTH CENTRAL		
Worcester-----	52	50	Birmingham-----	99	66
MIDDLE ATLANTIC			Chattanooga-----	53	40
Albany-----	54	58	Knoxville-----	38	36
Buffalo-----	169	136	Louisville-----	91	102
Camden-----	41	33	Memphis-----	112	139
Elizabeth-----	19	40	Mobile-----	38	36
Erie-----	54	33	Montgomery-----	(39)	(22)
Jersey City-----	83	82	Nashville-----	62	55
Newark, N. J.-----	163	182	WEST SOUTH CENTRAL		
New York-----	1,797	1,831	Austin-----	30	32
Paterson-----	40	50	Baton Rouge-----	12	20
Philadelphia-----	403	471	Corpus Christi-----	27	24
Pittsburgh-----	177	222	Dallas-----	125	102
Rochester, N. Y.-----	101	105	El Paso-----	36	24
Schenectady-----	26	16	Fort Worth-----	81	80
Syracuse-----	66	49	Houston-----	180	178
Trenton-----	30	53	Little Rock-----	56	28
Utica-----	24	18	New Orleans-----	162	164
Yonkers-----	25	36	Oklahoma City-----	77	57
EAST NORTH CENTRAL			San Antonio-----	92	105
Akron-----	73	59	Shreveport-----	---	(39)
Canton-----	29	29	Tulsa-----	71	48
Chicago-----	757	729	MOUNTAIN		
Cincinnati-----	177	146	Albuquerque-----	39	24
Cleveland-----	229	266	Colorado Springs-----	23	10
Columbus-----	102	107	Denver-----	154	79
Dayton-----	66	92	Ogden-----	18	14
Detroit-----	386	371	Phoenix-----	22	27
Evansville-----	34	34	Pueblo-----	26	15
Flint-----	46	27	Salt Lake City-----	59	37
Fort Wayne-----	35	27	Tucson-----	(6)	(5)
Grand Rapids-----	38	32	PACIFIC		
Indianapolis-----	127	123	Berkeley-----	25	23
Milwaukee-----	156	151	Long Beach-----	56	41
Peoria-----	26	32	Los Angeles-----	592	347
South Bend-----	17	29	Oakland-----	122	117
Toledo-----	107	84	Pasadena-----	45	31
Youngstown-----	53	69	Portland, Oreg.-----	103	151
WEST NORTH CENTRAL			Sacramento-----	57	52
Des Moines-----	47	59	San Diego-----	82	79
Duluth-----	48	20	San Francisco-----	253	200
Kansas City, Kans.-----	---	(35)	Seattle-----	157	126
Kansas City, Mo.-----	99	137	Spokane-----	50	29
Minneapolis-----	144	123	Tacoma-----	44	38
Omaha-----	74	79	Honolulu-----	(42)	(34)
St. Louis-----	283	255			

Symbols.—parentheses [ ( ) ] : data not included in table 4; 3 dashes [ --- ] : data not available.