

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 2, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

The following information has been received by the Influenza Information Center.

Dr. K. Hummeler, Children's Hospital, Philadelphia, reports that the virus isolated in the outbreak of influenza in a boys' school in New Jersey has been identified as influenza A-prime.

Dr. A. M. Washburn, Arkansas Board of Health, has reported that outbreaks of influenza-like disease have been reported in contiguous counties in eastern Arkansas. No reports of laboratory confirmation of diagnosis were made.

So far this winter, only localized epidemics of influenza, confirmed by isolation of virus or serologic tests, have been reported. The first of these occurred in December in recruits stationed at Great Lakes Naval Training Station. The second occurred in mid-January in El Paso County, Colorado, and the third was reported from Memphis, Tennessee, late in January. Scattered cases confirmed by serologic tests were reported in

military personnel in the Norfolk, Virginia, area. The first confirmed outbreak in civilians this winter was reported early in February in a university in Michigan, and the second about the middle of the month in the boys' school in New Jersey. All of the outbreaks have been identified as influenza A-prime virus infections.

Adenovirus infection

Dr. Elinor Whitney, New York State Department of Health, has submitted the following report. Three specimens of blood, taken January 26 and 31, and February 25, were submitted from a patient aged 22 of St. Lawrence County, New York, with a history of fever, generalized aching, headache, mild sore throat, and diarrhea. A 9.5-fold rise in titer was obtained between the first and third specimens in the complement-fixation test with antigen prepared with adenoviruses. No evidence of infection was detected in tests for Q fever, psittacosis, influenza types A and B. In the cold hemagglutination test the first two sera had titers of 16 and less than 8, respectively, but a titer

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Table I. Cases of Specified Notifiable Diseases: Continental United States

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

DISEASE	9th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 2, 1957 ¹	Ended Mar. 3, 1956	Median 1952-56	First 9 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	21	-	-	5	7	5	(3)	(3)	(3)	(3)
Botulism-----049.1	-	-	-	-	-	4	(3)	(3)	(3)	(3)
Brucellosis (undulant fever)-----044	20	22	28	129	150	220	(3)	(3)	(3)	(3)
Diphtheria-----055	23	44	44	194	380	360	949	1,710	1,710	July 1
Encephalitis, infectious-----082	27	26	21	167	182	180	1,731	1,104	1,104	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	418	568	648	3,543	4,617	5,683	8,742	12,120	---	Sept. 1
Malaria-----110-117	1	1	4	14	26	59	(3)	(3)	(3)	(3)
Measles-----085	16,648	17,852	19,714	108,543	98,820	101,110	145,747	127,918	132,451	Sept. 1
Meningococcal infections-----057	54	105	125	496	704	999	1,227	1,627	2,204	Sept. 1
Meningitis, other-----340	51	35	---	295	270	---	---	---	---	---
Poliomyelitis-----080	37	88	88	396	790	1,041	14,729	28,997	35,574	Apr. 1
Paralytic-----080.0,080.1	14	52	---	215	444	---	6,340	10,621	---	Apr. 1
Nonparalytic-----080.2	14	23	---	111	205	---	5,704	11,013	---	Apr. 1
Unspecified-----080.3	9	13	---	70	141	---	2,685	7,363	---	Apr. 1
Psittacosis-----096.2	3	10	3	41	55	49	(3)	(3)	(3)	(3)
Rabies in man-----094	-	-	-	-	3	1	(3)	(3)	(3)	(3)
Typhoid fever-----040	27	26	26	190	224	226	1,637	1,643	2,103	Apr. 1
Typhus fever, endemic-----101	2	3	3	22	11	17	(3)	(3)	(3)	(3)
Rabies in animals-----	132	100	174	930	991	1,458	1,894	2,018	2,973	Oct. 1

¹Data exclude report from Idaho for the current week.
³Data show no pronounced seasonal change in incidence.

²Reported in Pennsylvania.

⁴Includes revised report from Texas for week ended February 16.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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EPIDEMIOLOGICAL REPORTS—Continued

of 64 occurred with the third. The physician noted that there were many similar cases in the community, but this is the only one from which we have received specimens.

Leptospirosis

The California State Department of Public Health has made a correction in the report of leptospirosis for the week ended January 26, 1957. The original report stated that Leptospira pomona was isolated from a guinea pig injected with a urine specimen from a veterinarian who sees a number of bovine leptospirosis cases. The California State Department of Agriculture reports negative results from the guinea pig.

Typhoid fever

Dr. James R. Enright, Hawaii Department of Health, has given preliminary information on a case of typhoid fever in a 19-year-old boy. The diagnosis was confirmed by a positive blood culture. The patient had received basic immunization against the disease in 1942. He also received boosters in 1949 and 1951. He then received a complete immunization series in the National Guard on May 10, 17, and 24, 1955. Febrile agglutinations 14 and 19 days after onset of illness for typhoid 0 and H, para-A, and para-B were never over 1:20. Stool specimens were negative at first but later became positive. The source has not been discovered yet; but among family contacts there are 2 who gave histories of having had typhoid fever more than 20 years ago.

Botulism

Information has been received that an investigation is under way to determine the source of botulism reported in Albuquerque, New Mexico. The exact number of persons involved was unknown at the time of the report. Preliminary indications are that home-prepared sausage was the source of infection.

Brucellosis

Dr. E. J. Witte, Pennsylvania Department of Health, has reported a case of brucellosis in a 36-year-old man. This man has been working in a packinghouse since November 1949. His job record indicates that he has performed various duties in the plant, many of which brought him in direct contact with hogs. However, since October 1955, he has had no direct contact with animals. He first became ill with brucellosis in 1951 and has had several recurrences since that time. In January of this year he became ill with malaise, muscle aches and pains, and undulating fever. The patient went to a clinic where a diagnosis of brucellosis was made. The agglutination titer on a blood specimen was 1:80. The company nurse revealed that no active brucellosis control program exists in the plant. Employees

were observed to use unsterilized boning knives to cut up their meat during lunch periods. Many employees do not wash their hands before eating. An employee health program has been recommended for the plant by the local public health authorities.

Gastro-enteritis

Drs. J. D. Martin and C. T. Caraway, Louisiana State Department of Health, have reported an outbreak of gastro-enteritis in a school. A large number of students were absent one Thursday, and it was reported that most of them became ill after eating the school lunch on Wednesday. The only food items left over from that meal were sweet potatoes and meat-loaf, both of which were kept under refrigeration. Laboratory examination of the specimens collected were negative for pathogenic organisms. No unsanitary conditions were found in the school. Questionnaires were used to collect information but could not be sent out until the following Monday. Of 544 persons eating in the school lunchroom, 293 became ill with vomiting, abdominal cramps, nausea, weakness, headache, diarrhea, fever, and chilly sensations. For those (196) who indicated the hour of onset on their questionnaires, the incubation periods ranged from 1 to 73 hours. Neither the source nor the vehicle of infection was determined. Bacteriologic examination of stool specimens collected from 53 sick students were negative for pathogenic bacteria. Bacteriologic examination of stool and urine specimens from 5 employees revealed that the lunchroom manager was positive for Salmonella amager. However, this was not considered the source since specimens from the 53 students were negative for the salmonella organism. Approximately 30 stool specimens (15 from sick students and 15, control) were collected and frozen for viral studies. All specimens collected, including those frozen, have been sent to the Enteric Disease Investigative Unit, CDC, at Chamblee, Georgia, for further study.

The Los Angeles City (California) Health Department has reported an outbreak of gastro-enteritis among 18 persons in a private residence. Of these, 12 became ill with cramps and diarrhea, with an absence of vomiting, from 2 to 20 hours after eating tongue. The tongue was delivered from a local meat market and refrigerated until the day of serving. In the morning of that day the tongue was boiled for 3 hours, allowed to cool, and sliced about 1 hour later. Serving began shortly after the meat was sliced and lasted for 3 hours. Bacteriologic examination of the tongue was negative for pathogenic organisms.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 3, 1956 AND MARCH 2, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		9th week		Cumulative first 9 weeks		062		9th week		Cumulative first 9 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	20	22	23	44	194	380	27	26	418	569	3,543	4,617
NEW ENGLAND-----	-	-	1	2	4	2	1	-	26	34	217	309
Maine-----	-	-	-	-	1	-	-	-	11	8	64	80
New Hampshire-----	-	-	-	1	-	1	-	-	1	1	4	4
Vermont-----	-	-	-	-	-	-	-	-	2	8	42	52
Massachusetts-----	-	-	1	1	3	1	1	-	5	7	62	63
Rhode Island-----	-	-	-	-	-	-	-	-	2	2	20	36
Connecticut-----	-	-	-	-	-	-	-	-	5	8	25	74
MIDDLE ATLANTIC-----	-	1	1	2	8	9	7	7	55	100	448	900
New York-----	-	-	1	-	4	4	6	7	28	59	226	510
New Jersey-----	-	-	-	1	2	1	1	-	12	8	79	77
Pennsylvania-----	-	1	-	1	2	4	-	-	15	33	143	313
EAST NORTH CENTRAL-----	4	9	2	17	14	80	5	1	81	111	687	698
Ohio-----	1	-	-	2	3	9	1	-	24	32	187	180
Indiana-----	-	-	1	14	1	35	-	-	10	7	62	101
Illinois-----	3	5	-	-	-	-	1	-	26	19	164	165
Michigan-----	-	3	1	1	10	36	3	1	16	29	204	164
Wisconsin-----	-	1	-	-	-	-	-	-	5	24	70	88
WEST NORTH CENTRAL-----	10	9	3	6	24	41	1	1	28	52	254	441
Minnesota-----	2	2	3	4	17	14	-	-	11	4	88	111
Iowa-----	2	6	-	-	1	11	-	-	3	27	52	122
Missouri-----	1	1	-	-	-	-	-	-	9	4	51	20
North Dakota-----	-	-	-	-	-	-	1	-	1	3	46	46
South Dakota-----	1	-	-	1	4	1	-	1	4	6	9	79
Nebraska-----	1	-	-	1	1	15	-	-	-	7	4	32
Kansas-----	3	-	-	-	1	-	-	-	-	1	4	31
SOUTH ATLANTIC-----	1	-	11	7	57	82	5	3	23	29	234	271
Delaware-----	-	-	-	-	-	-	-	-	1	2	2	4
Maryland-----	-	-	-	-	1	-	-	-	3	4	23	27
District of Columbia-----	-	-	-	-	-	1	1	-	-	-	7	6
Virginia-----	-	-	-	2	-	12	1	-	12	8	94	121
West Virginia-----	-	-	-	-	1	3	-	-	2	3	20	12
North Carolina-----	-	-	2	-	10	15	-	1	1	4	20	31
South Carolina-----	-	-	-	1	10	8	-	-	2	-	7	8
Georgia-----	-	-	6	2	16	17	1	1	2	6	31	32
Florida-----	1	-	3	2	19	26	2	1	-	2	30	30
EAST SOUTH CENTRAL-----	2	1	1	4	30	58	4	2	60	40	560	388
Kentucky-----	-	1	-	-	8	4	1	-	14	11	216	106
Tennessee-----	2	-	1	-	3	10	1	-	34	18	247	199
Alabama-----	-	-	-	4	8	37	-	2	8	3	54	38
Mississippi-----	-	-	-	-	11	7	2	-	4	8	43	45
WEST SOUTH CENTRAL-----	1	-	4	5	45	80	-	3	39	37	215	281
Arkansas-----	-	-	-	-	4	6	-	1	5	4	27	24
Louisiana-----	1	-	-	-	2	8	-	-	2	2	14	13
Oklahoma-----	-	-	1	-	9	21	-	1	8	1	29	19
Texas-----	-	-	3	5	30	45	-	1	24	30	145	225
MOUNTAIN ¹ -----	2	1	-	-	7	7	-	-	36	97	299	571
Montana-----	-	-	-	-	2	-	-	-	3	61	28	178
Idaho-----	-	1	-	-	1	-	-	-	-	6	117	65
Wyoming-----	-	-	-	-	-	-	-	-	1	5	7	31
Colorado-----	1	-	-	-	-	-	-	-	7	11	55	112
New Mexico-----	-	-	-	-	3	1	-	-	15	5	90	35
Arizona-----	-	-	-	-	-	5	-	-	9	7	67	128
Utah-----	1	-	-	-	-	1	-	-	-	2	15	21
Nevada-----	-	-	-	-	-	-	-	-	1	-	20	1
PACIFIC-----	-	1	-	1	5	21	4	9	70	68	629	758
Washington-----	-	-	-	-	-	1	-	-	13	17	106	176
Oregon-----	-	-	-	-	1	6	-	-	13	12	139	149
California-----	-	1	-	1	4	14	4	9	44	39	384	433
Alaska-----	-	-	-	-	-	-	-	-	8	7	21	16
Hawaii-----	-	-	-	-	-	-	-	-	4	5	7	15
Puerto Rico-----	-	-	-	4	4	11	-	-	2	1	20	47

¹Data exclude report for Idaho for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 3, 1956 AND MARCH 2, 1957—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic		110-117		085	
	9th week		Cumulative first 9 weeks		080.0,080.1		080.2		1957	1956	1957	1956
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	37	88	396	790	14	52	14	23	1	1	16,648	17,852
NEW ENGLAND-----	-	1	3	31	-	-	-	1	1	-	545	247
Maine-----	-	-	1	6	-	-	-	-	-	-	188	15
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	2	2
Vermont-----	-	1	-	5	-	-	-	1	-	-	64	65
Massachusetts-----	-	-	-	16	-	-	-	-	1	-	113	124
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	13	2
Connecticut-----	-	-	2	-	-	-	-	-	-	-	165	41
MIDDLE ATLANTIC-----	3	5	14	59	1	3	-	-	-	-	2,205	2,395
New York-----	1	3	10	42	1	2	-	-	-	-	794	676
New Jersey-----	-	1	2	5	-	1	-	-	-	-	979	398
Pennsylvania-----	2	1	2	12	-	-	-	-	-	-	432	1,321
EAST NORTH CENTRAL-----	8	7	49	54	2	3	1	2	-	-	2,515	5,401
Ohio-----	1	1	10	10	-	-	-	-	-	-	261	825
Indiana-----	4	2	11	6	2	1	-	1	-	-	378	659
Illinois-----	-	1	7	5	-	1	-	-	-	-	376	1,623
Michigan-----	1	3	15	22	-	1	1	1	-	-	713	1,365
Wisconsin-----	2	-	6	11	-	-	-	-	-	-	787	929
WEST NORTH CENTRAL-----	7	5	39	39	2	2	4	1	-	-	920	580
Minnesota-----	-	-	1	3	-	-	-	-	-	-	360	12
Iowa-----	-	-	3	10	-	-	-	-	-	-	141	131
Missouri-----	-	1	11	11	-	-	-	-	-	-	242	99
North Dakota-----	-	-	-	1	-	-	-	-	-	-	128	43
South Dakota-----	2	-	2	7	-	-	-	2	-	-	47	32
Nebraska-----	2	1	13	1	-	-	1	1	-	-	2	105
Kansas-----	3	3	9	6	2	2	1	-	-	-	-	158
SOUTH ATLANTIC-----	1	5	67	59	-	2	1	2	-	-	928	2,358
Delaware-----	-	-	-	1	-	-	-	-	-	-	18	23
Maryland-----	-	-	-	4	-	-	-	-	-	-	15	643
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	130
Virginia-----	-	-	4	2	-	-	-	-	-	-	179	545
West Virginia-----	-	-	3	2	-	-	-	-	-	-	67	356
North Carolina-----	-	-	8	21	-	-	-	-	-	-	81	208
South Carolina-----	1	1	20	6	-	-	1	1	-	-	190	76
Georgia-----	-	3	9	8	-	2	-	-	-	-	315	284
Florida-----	-	1	23	15	-	-	-	1	-	-	51	71
EAST SOUTH CENTRAL-----	2	7	25	35	1	5	1	2	-	-	1,692	752
Kentucky-----	-	-	2	10	-	-	-	-	-	-	678	345
Tennessee-----	-	4	6	6	-	3	-	1	-	-	670	286
Alabama-----	1	-	6	1	-	-	1	-	-	-	262	50
Mississippi-----	1	3	11	18	1	2	-	1	-	-	82	71
WEST SOUTH CENTRAL-----	8	25	81	151	5	14	3	6	-	1	2,114	2,983
Arkansas-----	-	1	2	9	-	1	-	-	-	-	37	256
Louisiana-----	2	6	12	25	1	4	1	2	-	-	7	43
Oklahoma-----	1	1	5	7	1	1	-	-	-	-	65	416
Texas-----	5	17	62	110	3	9	2	4	-	1	2,005	2,266
MOUNTAIN ¹ -----	3	5	32	51	1	4	1	-	-	-	1,670	1,665
Montana-----	-	-	2	4	-	-	-	-	-	-	57	247
Idaho-----	-	-	11	5	-	-	-	-	-	-	-	32
Wyoming-----	1	-	1	2	1	-	-	-	-	-	1	175
Colorado-----	-	1	5	5	-	1	-	-	-	-	82	569
New Mexico-----	-	1	3	2	-	-	-	-	-	-	356	91
Arizona-----	2	3	8	24	-	3	1	-	-	-	227	531
Utah-----	-	-	10	3	-	-	-	-	-	-	934	20
Nevada-----	-	-	2	6	-	-	-	-	-	-	33	-
PACIFIC-----	5	28	86	311	2	19	3	9	-	-	4,059	1,491
Washington-----	-	1	2	16	-	1	-	-	-	-	807	464
Oregon-----	1	1	8	23	-	1	1	-	-	-	274	45
California-----	4	26	76	272	2	17	2	9	-	-	2,978	982
Alaska-----	-	-	1	1	-	-	-	-	-	-	16	27
Hawaii-----	-	3	2	37	-	-	-	3	-	-	290	7
Puerto Rico-----	-	1	4	5	-	1	-	-	-	-	75	64

¹Data exclude report from Idaho for the current week.²Includes cases not specified by type, category number 080.3.

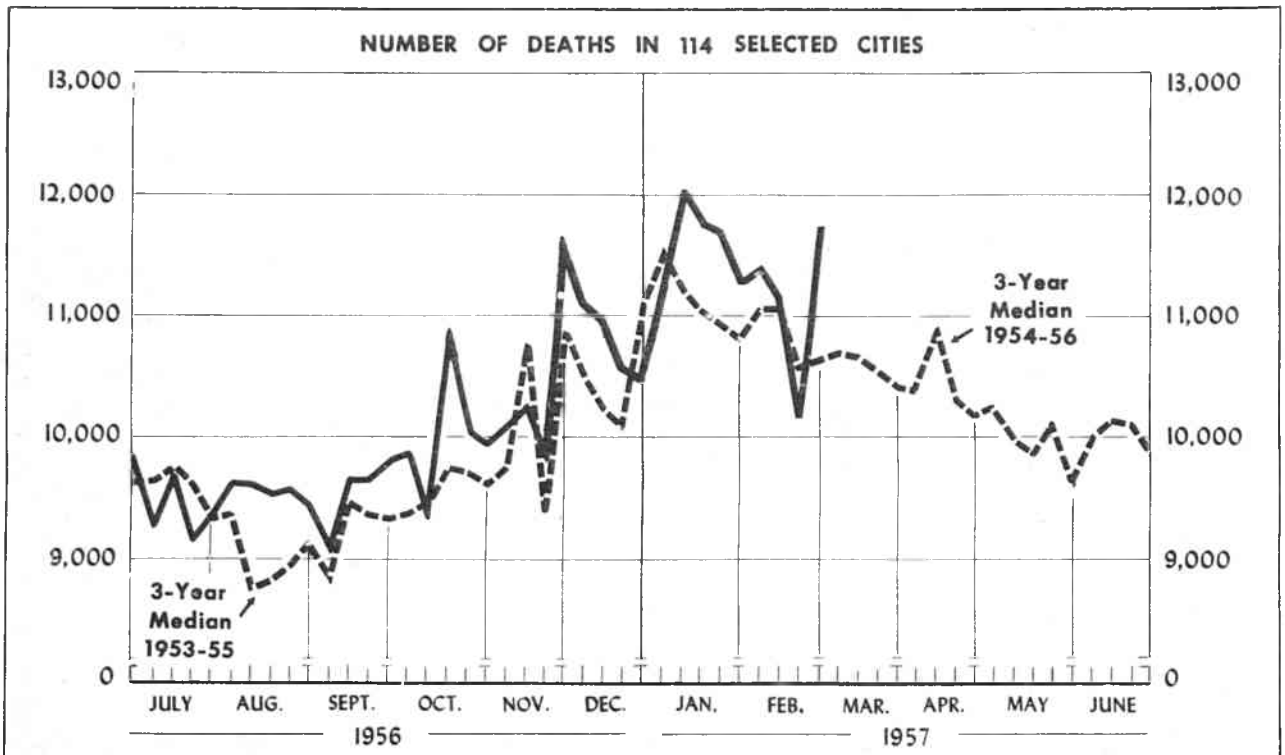
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 3, 1956 AND MARCH 2, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER 340	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
	057			096.2		9th week		Cumulative first 9 weeks			1957	1957
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956		
CONT. UNITED STATES ¹ -----	54	105	51	3	10	27	26	190	224	2	132	100
NEW ENGLAND-----	4	9	2	1	-	-	1	7	3	-	-	-
Maine-----	1	3	1	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	3	-	-	-	1	2	2	2	-	-	-
Rhode Island-----	-	1	1	-	-	-	-	2	-	-	-	-
Connecticut-----	1	2	-	1	-	-	-	2	1	-	-	-
MIDDLE ATLANTIC-----	8	16	-	1	-	2	8	23	35	1	1	9
New York-----	4	7	-	1	-	5	8	12	12	-	1	5
New Jersey-----	1	3	-	-	-	1	7	2	2	-	-	-
Pennsylvania-----	3	6	-	-	-	1	3	8	21	1	-	4
EAST NORTH CENTRAL-----	13	10	10	-	4	3	2	24	26	-	14	13
Ohio-----	2	2	-	-	1	1	1	13	6	-	6	3
Indiana-----	-	-	1	-	-	-	-	3	4	-	3	7
Illinois-----	4	4	9	-	3	1	-	2	4	-	1	1
Michigan-----	6	4	-	-	-	1	1	5	6	-	2	1
Wisconsin-----	1	-	-	-	-	-	-	1	6	-	2	1
WEST NORTH CENTRAL-----	1	6	1	-	1	1	4	16	43	-	25	5
Minnesota-----	-	-	-	-	1	-	1	2	21	-	6	1
Iowa-----	-	-	-	-	-	-	1	4	6	-	11	-
Missouri-----	1	4	1	-	-	1	7	6	6	-	8	4
North Dakota-----	-	-	-	-	-	-	-	-	4	-	-	-
South Dakota-----	-	1	-	-	-	1	-	2	2	-	-	-
Nebraska-----	-	-	-	-	-	-	1	-	4	-	-	-
Kansas-----	-	1	-	-	-	-	-	1	-	-	-	-
SOUTH ATLANTIC-----	13	17	13	-	-	5	1	38	32	-	31	28
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	2
Maryland-----	2	4	-	-	-	1	1	1	2	-	-	-
District of Columbia-----	1	-	1	-	-	2	-	2	-	-	-	-
Virginia-----	1	2	3	-	-	-	-	8	1	-	7	11
West Virginia-----	1	2	-	-	-	1	-	7	5	-	5	1
North Carolina-----	3	1	-	-	-	-	-	6	6	-	3	1
South Carolina-----	1	-	5	-	-	-	-	2	6	-	6	7
Georgia-----	2	2	4	-	-	-	-	4	4	-	8	2
Florida-----	2	6	-	-	-	1	-	8	7	-	2	4
EAST SOUTH CENTRAL-----	2	8	8	-	-	5	2	28	27	-	22	19
Kentucky-----	-	1	-	-	-	-	1	5	6	-	13	3
Tennessee-----	-	3	7	-	-	2	1	12	13	-	1	3
Alabama-----	2	2	-	-	-	1	-	2	1	-	7	12
Mississippi-----	-	2	1	-	-	2	-	9	7	-	1	1
WEST SOUTH CENTRAL-----	3	26	9	-	3	5	5	31	36	1	37	18
Arkansas-----	-	1	-	-	-	-	1	5	7	-	5	9
Louisiana-----	1	13	-	-	-	1	1	10	6	-	15	-
Oklahoma-----	1	4	3	-	-	1	-	5	6	-	-	-
Texas-----	1	8	6	-	1	1	3	11	17	1	17	9
MOUNTAIN ¹ -----	3	2	2	-	-	3	-	12	5	-	1	3
Montana-----	1	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	-	-	-	-
Wyoming-----	-	-	1	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	-	-	-	2	1	-	-	-
New Mexico-----	-	1	-	-	-	2	-	5	4	-	1	3
Arizona-----	2	1	-	-	-	1	-	2	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	7	11	6	1	2	3	3	11	17	-	1	5
Washington-----	-	-	2	-	2	-	-	-	-	-	-	-
Oregon-----	2	1	4	-	-	1	-	1	3	-	-	-
California-----	5	10	-	1	-	2	3	10	14	-	1	5
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	6	8	9	-	-	-

¹Data exclude report from Idaho for the current week.
Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	9th week ended March 2, 1957	8th week ended Feb. 23, 1957	9th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 9 WEEKS		
					1957	1956	Percent change
TOTAL: 110 REPORTING CITIES-----	11,392	9,850	10,277	+10.8	99,532	97,205	+2.4
New England----- (13 cities)	560	412	475	+17.9	4,531	4,278	+5.9
Middle Atlantic----- (20 cities)	3,414	2,914	3,126	+9.2	29,701	29,172	+1.8
East North Central----- (19 cities)	2,533	2,207	2,231	+13.5	21,968	21,816	+0.7
West North Central----- (8 cities)	879	635	677	+29.8	6,881	6,787	+1.4
South Atlantic----- (11 cities)	951	843	882	+7.8	8,735	8,535	+2.3
East South Central----- (8 cities)	437	499	489	-10.6	4,505	4,633	-2.8
West South Central----- (12 cities)	885	935	859	+3.0	8,195	7,625	+7.5
Mountain----- (7 cities)	248	246	244	+1.6	2,367	2,165	+9.3
Pacific----- (12 cities)	1,485	1,161	1,304	+13.9	12,649	12,194	+3.7

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	9th week ended March 2, 1957	8th week ended Feb. 23, 1957	CUMULATIVE NUMBER FIRST 9 WEEKS		AREA	9th week ended March 2, 1957	8th week ended Feb. 23, 1957	CUMULATIVE NUMBER FIRST 9 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(257)	---	(2,270)	St. Louis, Mo.-----	290	217	2,236	2,380
Bridgeport, Conn.-----	36	38	359	325	St. Paul, Minn.-----	84	59	620	615
Cambridge, Mass.-----	33	32	298	290	Wichita, Kans.-----	47	43	411	375
Fall River, Mass.-----	41	27	248	260	SOUTH ATLANTIC				
Hartford, Conn.-----	68	39	498	455	Atlanta, Ga.-----	107	99	1,065	1,057
Lowell, Mass.-----	28	20	245	211	Baltimore, Md.-----	206	235	2,242	2,241
Lynn, Mass.-----	20	16	215	192	Charlotte, N. C.-----	47	25	333	327
New Bedford, Mass.-----	47	16	275	251	Jacksonville, Fla.-----	69	52	513	524
New Haven, Conn.-----	60	43	451	475	Miami, Fla.-----	56	45	475	524
Providence, R. I.-----	76	61	609	577	Norfolk, Va.-----	43	24	348	313
Somerville, Mass.-----	16	14	131	146	Richmond, Va.-----	80	63	708	671
Springfield, Mass.-----	48	43	409	397	Savannah, Ga.-----	35	29	298	266
Waterbury, Conn.-----	20	18	228	233	Tampa, Fla.-----	84	42	618	586
Worcester, Mass.-----	67	45	565	486	Washington, D. C.-----	185	194	1,771	1,721
MIDDLE ATLANTIC					Wilmingon, Del.-----	39	35	364	305
Albany, N. Y.-----	70	43	471	460	EAST SOUTH CENTRAL				
Allentown, Pa.-----	36	43	353	339	Birmingham, Ala.-----	64	79	717	744
Buffalo, N. Y.-----	133	106	1,367	1,347	Chattanooga, Tenn.-----	46	39	455	398
Camden, N. J.-----	51	32	375	353	Knoxville, Tenn.-----	21	28	276	363
Elizabeth, N. J.-----	30	28	242	256	Louisville, Ky.-----	81	118	996	1,063
Erie, Pa.-----	39	30	333	298	Memphis, Tenn.-----	114	124	961	971
Jersey City, N. J.-----	84	56	658	672	Mobile, Ala.-----	23	28	301	322
Newark, N. J.-----	128	111	1,005	939	Montgomery, Ala.-----	28	22	229	265
New York City, N. Y.-----	1,681	1,506	15,244	14,737	Nashville, Tenn.-----	60	61	570	507
Paterson, N. J.-----	51	23	361	337	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	499	499	4,274	4,448	Austin, Tex.-----	---	(15)	---	(270)
Pittsburgh, Pa.-----	217	139	2,714	1,820	Baton Rouge, La.-----	26	27	256	197
Reading, Pa.-----	29	24	230	190	Corpus Christi, Tex.-----	18	24	167	176
Rochester, N. Y.-----	108	67	905	914	Dallas, Tex.-----	91	132	1,019	928
Schenectady, N. Y.-----	26	17	209	201	El Paso, Tex.-----	24	30	265	281
Scranton, Pa.-----	43	32	368	310	Fort Worth, Tex.-----	85	52	577	545
Syracuse, N. Y.-----	74	41	548	551	Houston, Tex.-----	176	185	1,402	1,228
Trenton, N. J.-----	60	45	446	411	Little Rock, Ark.-----	49	75	519	451
Utica, N. Y.-----	32	27	290	292	New Orleans, La.-----	173	144	1,587	1,592
Yonkers, N. Y.-----	23	45	308	297	Oklahoma City, Okla.-----	78	47	581	569
EAST NORTH CENTRAL					San Antonio, Tex.-----	96	105	920	800
Akron, Ohio-----	51	59	496	471	Shreveport, La.-----	41	64	466	438
Canton, Ohio-----	26	31	295	244	Tulsa, Okla.-----	28	52	436	420
Chicago, Ill.-----	804	720	7,105	7,150	MOUNTAIN				
Cincinnati, Ohio-----	171	127	1,463	1,517	Albuquerque, N. Mex.-----	19	28	231	207
Cleveland, Ohio-----	208	213	1,981	1,868	Colorado Springs, Colo.-----	---	(8)	---	(133)
Columbus, Ohio-----	148	99	1,034	1,030	Denver, Colo.-----	108	102	1,061	1,015
Dayton, Ohio-----	90	59	698	639	Ogden, Utah-----	13	13	116	109
Detroit, Mich.-----	339	348	3,059	3,026	Phoenix, Ariz.-----	29	34	287	259
Evansville, Ind.-----	33	31	276	347	Pueblo, Colo.-----	12	8	113	114
Flint, Mich.-----	38	41	348	359	Salt Lake City, Utah-----	40	38	376	413
Fort Wayne, Ind.-----	33	24	320	355	Tucson, Ariz.-----	27	23	183	48
Gary, Ind.-----	36	22	275	270	PACIFIC				
Grand Rapids, Mich.-----	50	36	371	373	Berkeley, Calif.-----	17	18	188	178
Indianapolis, Ind.-----	143	105	1,133	1,095	Long Beach, Calif.-----	59	53	525	515
Milwaukee, Wis.-----	157	118	1,199	1,177	Los Angeles, Calif.-----	580	395	4,616	4,560
Peoria, Ill.-----	24	22	262	258	Oakland, Calif.-----	90	90	941	861
South Bend, Ind.-----	25	17	225	228	Pasadena, Calif.-----	38	28	362	354
Toledo, Ohio-----	95	77	879	904	Portland, Ore.-----	91	87	893	909
Youngstown, Ohio-----	62	58	549	505	Sacramento, Calif.-----	60	46	497	437
WEST NORTH CENTRAL					San Diego, Calif.-----	89	93	792	664
Des Moines, Iowa-----	49	48	490	486	San Francisco, Calif.-----	215	193	1,839	1,838
Duluth, Minn.-----	30	25	259	216	Seattle, Wash.-----	162	100	1,211	1,120
Kansas City, Kans.-----	---	---	---	(285)	Spokane, Wash.-----	50	29	424	400
Kansas City, Mo.-----	135	96	1,049	976	Tacoma, Wash.-----	34	29	361	338
Minneapolis, Minn.-----	163	92	1,164	1,119	Honolulu, Hawaii-----	(59)	(32)	(385)	(317)
Omaha, Nebr.-----	81	53	652	620					

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

Morbidity and Mortality Weekly Report

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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