

# Morbidity and Mortality

Weekly Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 9, 1957

Of the 21 cases of typhoid fever reported this week, 9 were in the 3 Middle Atlantic States. Only one other State, North Carolina with 2 cases, reported more than 1 case.

The number of diphtheria cases (16) for the current week is about half the number (33) for the corresponding week of 1956. During the first 6 weeks of the year the cumulative total (132) is also about half the 253 cases for the corresponding period of 1956.

Specimens for laboratory examination have been collected.

The Preventive Medicine Division, Office of the Surgeon General, Department of the Army, has reported that of 5 paired sera obtained in January from military personnel stationed in France, 4 showed rises in antibody titer to influenza A-prime. Five other paired specimens obtained from military personnel stationed in other parts of Europe showed no rise in titer.

### Leptospirosis

Dr. James O. Bond, Florida State Board of Health, has reported a case of leptospirosis in an adult male. This man became ill with fever, nausea, headache, aching joints, and a productive cough, late in 1956. An examination revealed he had jaundice and bronchial pneumonia. Blood specimens, taken at both the acute and convalescent stages, showed complement fixation reactions against leptospira antigens, thus confirming the clinical diagnosis of leptospirosis. The patient had been in contact with a pet raccoon and had spent weekends hunting in swampy areas in northwest Florida. One rat obtained from his

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The Influenza Information Center has received the following reports.

Dr. W. R. Giedt, Washington State Department of Health, reports that epidemics of respiratory infections are occurring in Tacoma and Seattle. Symptoms in children consist of headache, fever, sore throat, and nausea. Cases in university students have had myalgia and cough in addition to the above symp-

Table 1. Cases of Specified Notifiable Diseases: Continental United States

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

DISEASE	6th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 9, 1957 <sup>1</sup>	Ended Feb. 11, 1956 <sup>1</sup>	Median 1952-56	First 6 weeks			Since seasonal low week			
				1957 <sup>1</sup>	1956 <sup>1</sup>	Median 1952-56	1956-57 <sup>1</sup>	1955-56 <sup>1</sup>	Median 1951-52 to 1955-56	
Anthrax-----062	-	1	1	1	6	4	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	2	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	13	12	31	77	91	138	(2)	(2)	(2)	(2)
Diphtheria-----055	16	33	47	132	253	272	887	1,583	1,585	July 1
Encephalitis, infectious-----082	18	15	16	108	119	116	1,672	1,041	1,041	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	390	506	659	2,352	3,024	3,876	7,551	10,527	---	Sept. 1
Malaria-----110-117	-	3	10	8	19	41	(2)	(2)	(2)	(2)
Measles-----085	13,017	12,350	13,529	62,264	50,571	52,020	99,468	79,669	83,361	Sept. 1
Meningococcal infections-----057	60	89	108	310	460	658	1,041	1,383	1,842	Sept. 1
Meningitis, other-----340	32	32	---	180	161	---	---	---	---	---
Poliomyelitis-----080	49	63	110	281	583	771	14,614	28,790	35,222	Apr. 1
Paralytic-----080.0,080.1	29	31	---	161	322	---	6,286	10,499	---	Apr. 1
Nonparalytic-----080.2	13	19	---	72	156	---	5,665	10,964	---	Apr. 1
Unspecified-----080.3	7	13	---	48	105	---	2,663	7,327	---	Apr. 1
Psittacosis-----096.2	4	3	3	18	28	29	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	1	-	3	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	21	22	26	120	157	160	1,567	1,576	2,021	Apr. 1
Typhus fever, endemic-----101	5	3	3	19	6	13	(2)	(2)	(2)	(2)
Rabies in animals-----	85	103	191	567	610	926	1,531	1,637	2,441	Oct. 1

<sup>1</sup>Data exclude report from Minnesota for current week and for corresponding week of 1956.

<sup>2</sup>Data show no pronounced seasonal change in incidence.

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

premises was negative for leptospirosis upon laboratory examination.

#### Rabies in animals

The Ohio Department of Health has reported 300 cases of rabies in animals for 1956. These figures represent a combination, not total, of the laboratory confirmed and clinical cases. Every attempt was made to include every reported case without recording the same case twice. Although some cases may have been excluded by this method, it presents a more accurate picture of the number than do either the laboratory confirmed or the clinical cases alone. By species of animal, the cases were distributed as follows: 214 in dogs, 28 in skunks, 23 in foxes, 20 in cows, 11 in cats, and 2 each in horses and bats. Of the 300 cases for the year, 166 (156 dogs) were in 6 contiguous southern counties.

#### Shigellosis

Dr. F. H. Wentworth, Ohio Department of Health, has reported an explosive outbreak of shigellosis in an elementary school. *Shigella sonnei*, form II, was isolated from 4 of 12 stool specimens obtained by physicians during the acute phase of the disease. The same organism was isolated from 9 of 31 rectal swabs which were taken from the children 1 month after the date of the outbreak. Based on questionnaires obtained from about 64 percent of the school children, the attack rate during the first 6 days of the outbreak was found to be among 46 percent of the children eating the school lunch. The attack rate was 16 percent among children bringing their lunch from home. During the remaining 40 days of the outbreak, the attack rates were about equal among the 2 groups of children. Also during the first 6 days the attack rate was 0 among family contacts of children who brought lunch from home, but 21 percent among contacts of those who ate the school lunch. Improper preparation of food during the week preceding onset was considered a possible source of the outbreak and creamed turkey, a possible vehicle of transmission.

#### Gastro-enteritis

The California State Department of Public Health has given information on an outbreak of gastro-enteritis which oc-

curred among persons on board a vessel during the latter part of 1956. The vessel was returning to San Francisco after a cruise to various parts of the world. At the request of the shipping line, public health officials assisted in an investigation to determine the source of this outbreak. The first 3 cases occurred while the ship was docked in port in Pakistan. During a 2-month period following, 79 cases are known to have occurred. Approximately half of the crew members became ill, but less than a fourth of the passengers developed symptoms. The cases among crew members followed an epidemic pattern while those among the passengers were sporadic. Diarrhea was acute in onset, moderate in intensity, and fairly long in duration. There was no significant temperature elevation, nor blood nor mucous in the stools. Some patients suffered nausea and vomiting. The illness was characterized by its high rate of exacerbation. The average length of illness was 20 days. An analysis of epidemiological data, including examination of living quarters, laboratory tests of water, food supplies, and stool specimens, failed to produce the etiology or the source.

Dr. S. B. Osgood, Oregon State Board of Health, has reported 3 cases of gastro-enteritis following the ingestion of a frozen packaged dinner. A family of 6 persons had purchased 3 dinners about 1 week prior to eating them. They were kept frozen and placed in the oven while still frozen. Approximately 6 hours after eating the cooked dinners, 3 of the 6 persons became ill with nausea, vomiting, and prostration. The dinners were from 2 different lots manufactured at different dates, thus explaining the fact that persons who ate one of the dinners were not ill. Hemolytic, coagulase *Staphylococcus aureus* was isolated from remains of the dinners. However, no pathogenic organisms could be isolated from unopened packages at the store where the purchase was made. An estimated 1,000 persons a week have been eating similar dinners, and no other cases of gastro-enteritis have been reported in connection with this product, which suggests that it was not the cause of the illness.

#### 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 FEBRUARY 11, 1956 AND FEBRUARY 9, 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		6th week		Cumulative first 6 weeks		082		6th week		Cumulative first 6 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES <sup>1</sup> -----	13	12	16	33	132	253	18	15	390	505	2,352	3,024
NEW ENGLAND-----	-	1	-	-	2	-	2	-	21	30	161	209
Maine-----	-	-	-	-	1	-	-	-	4	8	43	61
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	3	2
Vermont-----	-	-	-	-	-	-	-	-	2	2	33	23
Massachusetts-----	-	1	-	-	1	-	1	-	5	5	49	46
Rhode Island-----	-	-	-	-	-	-	1	-	6	4	15	28
Connecticut-----	-	-	-	-	-	-	-	-	4	10	18	49
MIDDLE ATLANTIC-----	-	-	1	1	6	4	1	5	44	120	291	614
New York-----	-	-	-	1	2	3	1	4	25	72	154	350
New Jersey-----	-	-	1	-	2	-	-	1	6	15	55	50
Pennsylvania-----	-	-	-	-	2	1	-	-	13	33	82	214
EAST NORTH CENTRAL-----	1	5	-	4	11	42	1	2	108	74	459	434
Ohio-----	-	1	-	2	3	6	-	-	20	18	128	104
Indiana-----	-	-	-	-	-	3	-	-	19	6	39	52
Illinois-----	1	2	-	-	-	-	-	-	40	15	100	129
Michigan-----	-	1	-	2	8	33	1	-	23	22	150	99
Wisconsin-----	-	1	-	-	-	-	-	2	6	13	42	50
WEST NORTH CENTRAL <sup>1</sup> -----	6	1	1	2	9	26	1	1	7	37	166	275
Minnesota <sup>1</sup> -----	-	(5)	-	(-)	2	10	-	(-)	-	(17)	56	70
Iowa-----	2	1	-	1	1	9	-	-	-	16	34	83
Missouri-----	-	-	-	-	-	-	-	-	4	1	29	12
North Dakota-----	-	-	-	-	4	-	-	-	2	4	39	27
South Dakota-----	-	-	1	-	1	7	-	-	-	13	3	51
Nebraska-----	1	-	-	1	1	7	-	-	-	1	3	13
Kansas-----	3	-	-	-	1	-	1	1	1	2	2	19
SOUTH ATLANTIC-----	3	2	2	8	36	55	-	-	26	25	140	184
Delaware-----	-	-	-	-	1	-	-	-	10	2	16	16
Maryland-----	-	-	-	-	-	-	-	-	1	-	7	4
District of Columbia-----	-	-	-	-	-	-	-	-	5	17	43	93
Virginia-----	2	1	-	2	-	5	-	-	1	-	12	5
West Virginia-----	-	-	-	1	1	-	-	-	1	-	15	22
North Carolina-----	-	-	-	1	7	11	-	-	1	-	4	7
South Carolina-----	-	-	2	1	9	5	-	-	1	-	3	24
Georgia-----	-	-	-	2	9	13	-	-	3	3	19	15
Florida-----	1	1	-	2	9	20	-	-	4	1	371	214
EAST SOUTH CENTRAL-----	1	2	6	4	28	43	1	3	57	37	135	59
Kentucky-----	1	-	1	-	8	4	-	1	35	13	178	109
Tennessee-----	-	-	1	2	2	8	-	-	15	13	29	20
Alabama-----	-	2	2	2	8	25	-	1	3	8	29	26
Mississippi-----	-	-	2	-	10	6	1	1	4	3	129	179
WEST SOUTH CENTRAL-----	2	1	6	10	31	67	3	-	34	39	18	18
Arkansas-----	-	1	1	-	2	5	-	-	4	9	9	7
Louisiana-----	2	-	-	-	2	8	-	-	1	2	18	14
Oklahoma-----	-	-	1	4	5	15	-	-	2	3	84	140
Texas-----	-	-	4	6	22	39	3	-	27	25	205	371
MOUNTAIN-----	-	-	-	3	6	3	-	-	29	59	20	91
Montana-----	-	-	-	-	2	-	-	-	5	14	15	45
Idaho-----	-	-	-	-	-	-	-	-	3	9	6	24
Wyoming-----	-	-	-	-	1	-	-	-	2	4	32	68
Colorado-----	-	-	-	-	-	-	-	-	-	12	59	23
New Mexico-----	-	-	-	1	3	1	-	-	11	3	44	106
Arizona-----	-	-	-	1	-	1	-	-	6	12	11	14
Utah-----	-	-	-	1	-	1	-	-	2	5	18	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	430	544
PACIFIC-----	-	-	1	3	13	9	4	64	94	74	94	112
Washington-----	-	-	-	-	-	-	-	9	10	23	21	94
Oregon-----	-	-	-	-	-	-	-	23	21	94	112	
California-----	-	-	-	1	3	13	9	4	32	53	262	315
Alaska-----	-	-	-	-	-	-	-	-	-	9	5	8
Hawaii-----	-	-	-	-	-	-	-	-	-	-	3	7
Puerto Rico-----	-	-	1	2	7	-	-	-	-	9	6	32

<sup>1</sup>Data exclude report from Minnesota for current week and for corresponding week of 1956.

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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 FEBRUARY 11, 1956 AND FEBRUARY 9, 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 <sup>2</sup>				Paralytic		Nonparalytic		110-117		085	
	6th week		Cumulative first 6 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES <sup>1</sup> -----	49	63	281	583	29	31	13	19	-	3	13,017	12,350
NEW ENGLAND-----	-	1	3	26	-	1	-	-	-	-	437	153
Maine-----	-	-	1	5	-	-	-	-	-	-	37	5
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	1	-
Vermont-----	-	-	-	3	-	-	-	-	-	-	103	11
Massachusetts-----	-	1	-	14	-	1	-	-	-	-	122	119
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	-	1
Connecticut-----	-	-	2	-	-	-	-	-	-	-	174	17
MIDDLE ATLANTIC-----	-	3	8	44	-	2	-	-	-	-	1,770	1,528
New York-----	-	2	7	32	-	2	-	-	-	-	895	455
New Jersey-----	-	-	1	2	-	-	-	-	-	-	588	292
Pennsylvania-----	-	1	-	10	-	-	-	-	-	-	287	781
EAST NORTH CENTRAL-----	8	6	32	45	2	-	4	1	-	-	1,871	2,789
Ohio-----	2	1	9	9	-	-	-	-	-	-	213	567
Indiana-----	-	-	5	2	-	-	-	-	-	-	232	154
Illinois-----	1	2	5	4	1	-	-	1	-	-	349	921
Michigan-----	5	3	10	19	1	-	4	-	-	-	466	740
Wisconsin-----	-	-	3	11	-	-	-	-	-	-	611	407
WEST NORTH CENTRAL <sup>1</sup> -----	3	4	24	26	1	1	1	2	-	1	429	957
Minnesota <sup>1</sup> -----	-	(-)	1	2	-	(-)	-	(-)	-	(-)	-	(15)
Iowa-----	-	-	3	8	-	-	-	-	-	-	179	227
Missouri-----	1	2	6	7	1	1	-	-	-	-	108	102
North Dakota-----	-	-	-	1	-	-	-	-	-	-	111	33
South Dakota-----	-	2	-	6	-	-	-	2	-	-	25	6
Nebraska-----	2	-	8	-	-	-	1	-	-	-	6	81
Kansas-----	-	-	6	2	-	-	-	-	-	1	-	508
SOUTH ATLANTIC-----	13	5	50	44	9	1	1	2	-	-	986	1,881
Delaware-----	-	-	-	1	-	-	-	-	-	-	14	6
Maryland-----	-	-	-	4	-	-	-	-	-	-	13	505
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	3	66
Virginia-----	1	1	3	1	1	-	-	1	-	-	89	430
West Virginia-----	3	-	3	-	3	-	-	-	-	-	146	261
North Carolina-----	1	3	7	20	1	1	-	1	-	-	47	162
South Carolina-----	2	-	14	4	1	-	1	-	-	-	170	58
Georgia-----	5	-	7	5	3	-	-	-	-	-	190	362
Florida-----	1	1	16	9	-	-	-	-	-	-	314	31
EAST SOUTH CENTRAL-----	2	-	20	21	1	-	-	-	-	-	1,971	692
Kentucky-----	-	-	2	7	-	-	-	-	-	-	813	254
Tennessee-----	1	-	5	1	-	-	-	-	-	-	811	315
Alabama-----	1	-	5	1	1	-	-	-	-	-	254	82
Mississippi-----	-	-	8	12	-	-	-	-	-	-	93	41
WEST SOUTH CENTRAL-----	13	7	57	103	9	3	4	1	-	1	1,852	2,086
Arkansas-----	-	-	1	6	-	-	-	-	-	-	27	127
Louisiana-----	1	2	9	16	1	2	-	-	-	-	25	18
Oklahoma-----	-	2	2	6	-	-	-	-	-	-	38	382
Texas-----	12	3	45	75	8	1	4	1	1	1	1,762	1,559
MOUNTAIN-----	3	1	23	37	2	-	1	-	-	1	1,245	1,650
Montana-----	-	-	1	4	-	-	-	-	-	-	66	228
Idaho-----	-	-	-	4	-	-	-	-	-	-	41	5
Wyoming-----	-	-	-	1	-	-	-	-	-	-	1	112
Colorado-----	3	-	5	3	2	-	1	-	-	1	85	847
New Mexico-----	-	-	3	-	-	-	-	-	-	-	178	49
Arizona-----	-	-	3	16	-	-	-	-	-	-	133	380
Utah-----	-	1	9	3	-	-	-	-	-	-	715	29
Nevada-----	-	-	2	6	-	-	-	-	-	-	28	-
PACIFIC-----	7	36	64	237	5	23	2	13	-	-	2,456	614
Washington-----	-	1	2	13	-	1	-	-	-	-	309	145
Oregon-----	3	6	6	20	2	3	1	3	-	-	241	14
California-----	4	29	56	204	3	19	1	10	-	-	1,906	455
Alaska-----	-	1	1	1	-	-	-	-	-	-	14	19
Hawaii-----	-	5	1	28	-	5	-	-	-	-	343	12
Puerto Rico-----	-	-	4	4	-	-	-	-	-	-	55	26

<sup>1</sup>Data exclude report from Minnesota for current week and for corresponding week of 1956.

<sup>2</sup>Includes cases not specified by type, category number 080.3.

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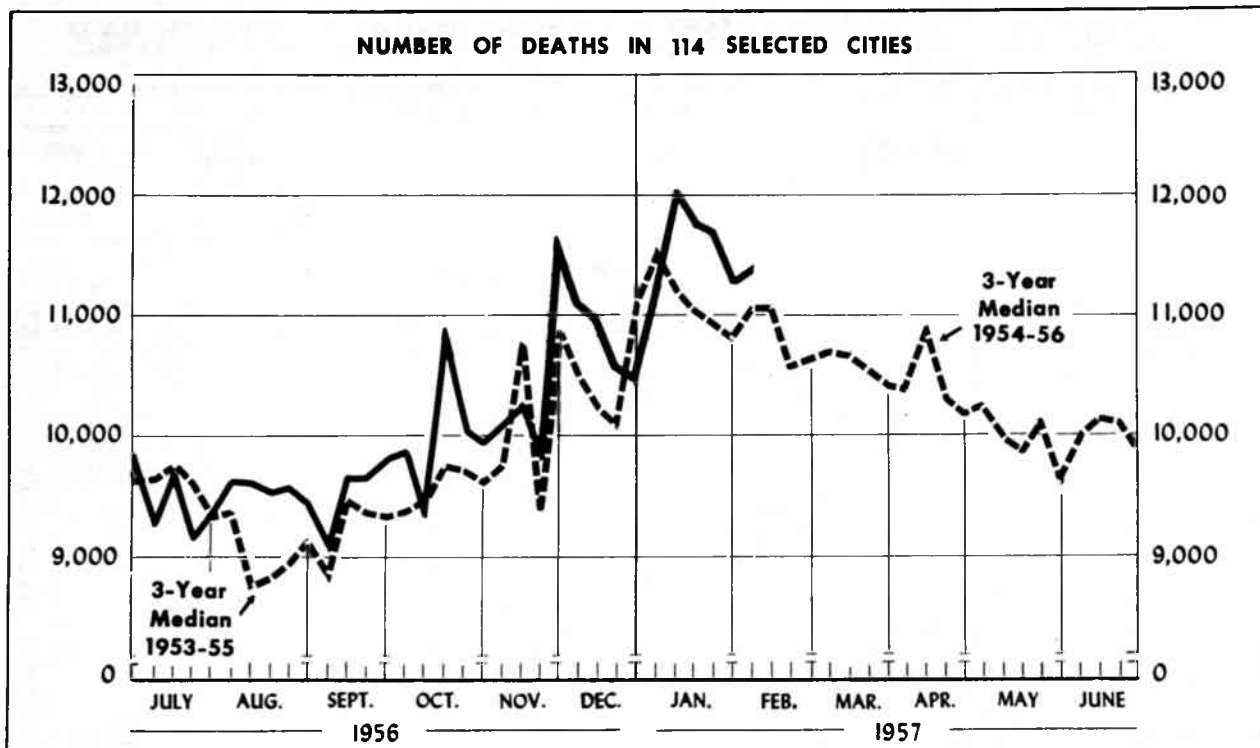
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 11, 1956 AND FEBRUARY 9, 1957—Continued**

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2	6th week		Cumulative first 6 weeks		101		1957	1956
	1957	1956	1957		1956	1957	1956	1957		1956		
CONT. UNITED STATES <sup>1</sup> -----	60	89	32	4	3	21	22	120	157	5	85	103
NEW ENGLAND-----	6	5	4	1	-	1	1	5	2	-	-	-
Maine-----	1	-	1	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	2	1	-	-	-	-	1	1	-	-	-
Rhode Island-----	1	-	2	-	-	-	-	2	-	-	-	-
Connecticut-----	3	2	-	1	-	1	1	2	1	-	-	-
MIDDLE ATLANTIC-----	9	11	-	1	-	9	2	17	19	-	3	12
New York-----	7	3	-	1	-	3	-	5	6	-	3	7
New Jersey-----	-	5	-	-	-	4	1	6	2	-	-	-
Pennsylvania-----	2	3	-	-	-	2	1	6	11	-	-	5
EAST NORTH CENTRAL-----	15	24	10	1	2	1	8	13	20	-	7	5
Ohio-----	3	1	-	1	1	-	2	9	5	-	-	-
Indiana-----	-	-	-	-	-	-	3	1	4	-	-	4
Illinois-----	6	9	10	-	1	1	2	1	2	-	5	-
Michigan-----	4	10	-	-	-	-	1	2	5	-	1	-
Wisconsin-----	2	4	-	-	-	-	-	-	4	-	1	1
WEST NORTH CENTRAL <sup>1</sup> -----	3	4	-	-	-	2	2	12	26	-	19	12
Minnesota <sup>1</sup> -----	-	(1)	-	-	(1)	-	(3)	-	12	-	-	(1)
Iowa-----	-	-	-	-	-	-	-	4	3	-	12	10
Missouri-----	1	2	-	-	-	1	-	6	3	-	5	2
North Dakota-----	-	-	-	-	-	-	2	-	4	-	-	-
South Dakota-----	-	-	-	-	-	1	-	1	2	-	-	-
Nebraska-----	-	2	-	-	-	-	-	-	2	-	2	-
Kansas-----	2	-	-	-	-	-	-	1	-	-	-	-
SOUTH ATLANTIC-----	6	8	6	-	-	6	3	19	24	2	28	34
Delaware-----	1	-	-	-	-	-	-	-	1	-	-	3
Maryland-----	-	1	2	-	-	-	-	-	1	-	-	-
District of Columbia-----	-	1	1	-	-	-	-	-	-	-	-	-
Virginia-----	1	3	1	-	-	1	-	5	-	-	11	9
West Virginia-----	-	-	-	-	-	1	-	4	3	-	2	2
North Carolina-----	1	2	-	-	-	2	-	3	6	1	-	2
South Carolina-----	-	-	2	-	-	-	1	-	4	1	4	9
Georgia-----	1	-	-	-	-	1	1	4	4	-	10	4
Florida-----	2	1	-	-	-	1	1	3	5	-	1	5
EAST SOUTH CENTRAL-----	10	13	2	-	-	-	2	17	21	-	13	18
Kentucky-----	4	2	-	-	-	-	-	2	5	-	7	6
Tennessee-----	3	4	2	-	-	-	2	9	9	-	-	5
Alabama-----	3	2	-	-	-	-	-	-	-	-	6	6
Mississippi-----	4	5	-	-	-	-	-	6	7	-	-	1
WEST SOUTH CENTRAL-----	4	15	8	-	-	1	3	23	27	3	12	15
Arkansas-----	1	1	1	-	-	-	-	5	4	-	6	3
Louisiana-----	-	4	-	-	-	-	-	7	5	-	5	-
Oklahoma-----	-	2	1	-	-	-	-	3	5	-	1	-
Texas-----	3	8	6	-	-	1	3	8	13	3	-	12
MOUNTAIN-----	3	3	2	-	-	1	1	7	5	-	2	2
Montana-----	-	1	-	-	-	-	-	1	-	-	-	-
Idaho-----	1	1	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	2	-	-	-	-	2	1	-	-	-
New Mexico-----	1	1	-	-	-	1	1	3	4	-	2	-
Arizona-----	-	-	-	-	-	-	-	1	-	-	-	2
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	4	6	-	1	1	-	-	7	13	-	1	5
Washington-----	-	-	-	-	1	-	-	-	3	-	-	-
Oregon-----	-	-	-	-	-	-	-	-	3	-	-	-
California-----	4	6	-	1	-	-	-	7	10	-	1	5
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	7	3	-	-	-

<sup>1</sup>Data exclude report from Minnesota for current week and for corresponding week of 1956.

Symbols: --1 dash [-]: no cases reported; 3 dashes [---]: data not available; parentheses [( )]: data not included in totals.



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	6th week ended Feb. 9, 1957	5th week ended Feb. 2, 1957	6th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 6 WEEKS		
					1957	1956	Percent change
TOTAL: 109 REPORTING CITIES-----	10,477	10,349	10,155	+3.2	63,725	61,691	+3.3
New England----- (13 cities)	654	708	696	-6.0	4,257	4,132	+3.0
Middle Atlantic----- (19 cities)	3,291	3,282	3,082	+6.8	19,993	19,472	+2.7
East North Central----- (18 cities)	1,657	1,590	1,535	+7.9	10,015	9,753	+2.7
West North Central----- (9 cities)	804	834	796	+1.0	4,812	4,776	+0.8
South Atlantic----- (10 cities)	929	910	895	+3.8	5,722	5,680	+0.7
East South Central----- (8 cities)	487	479	493	-1.2	3,088	3,142	-1.7
West South Central----- (12 cities)	878	926	778	+12.9	5,525	5,131	+7.7
Mountain----- (8 cities)	283	283	248	+14.1	1,704	1,509	+12.9
Pacific----- (12 cities)	1,494	1,337	1,320	+13.2	8,609	8,096	+6.3

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	6th week ended Feb. 9, 1957	5th week ended Feb. 2, 1957	CUMULATIVE NUMBER FIRST 6 WEEKS		AREA	6th week ended Feb. 9, 1957	5th week ended Feb. 2, 1957	CUMULATIVE NUMBER FIRST 6 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	247	272	1,574	1,514	St. Louis, Mo.-----	244	251	1,456	1,604
Bridgeport, Conn.-----	35	36	244	229	St. Paul, Minn.-----	66	79	420	416
Cambridge, Mass.-----	22	39	201	195	Wichita, Kans.-----	54	61	289	266
Fall River, Mass.-----	24	32	155	190	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	60	75	348	308	Atlanta, Ga.-----	127	113	748	725
Lowell, Mass.-----	27	29	171	154	Baltimore, Md.-----	244	276	1,554	1,531
Lynn, Mass.-----	20	20	147	126	Charlotte, N. C.-----	44	29	221	238
New Bedford, Mass.-----	22	36	189	148	Jacksonville, Fla.-----	57	46	340	356
New Haven, Conn.-----	47	38	302	334	Miami, Fla.-----	54	45	319	380
Providence, R. I.-----	63	71	409	386	Norfolk, Va.-----	---	(45)	---	(220)
Somerville, Mass.-----	12	11	84	106	Richmond, Va.-----	96	76	504	478
Springfield, Mass.-----	49	28	267	275	Savannah, Ga.-----	29	28	203	171
Waterbury, Conn.-----	26	21	166	167	Tampa, Fla.-----	51	78	416	397
Worcester, Mass.-----	---	(67)	---	(313)	Washington, D. C.-----	177	185	1,178	1,193
<b>MIDDLE ATLANTIC</b>					Wilmingon, Del.-----	50	34	239	211
Albany, N. Y.-----	50	52	309	294	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.-----	32	42	240	230	Birmingham, Ala.-----	77	75	482	493
Buffalo, N. Y.-----	122	184	936	906	Chattanooga, Tenn.-----	53	49	323	278
Camden, N. J.-----	51	25	258	235	Knoxville, Tenn.-----	36	25	198	268
Elizabeth, N. J.-----	26	33	163	137	Louisville, Ky.-----	115	98	676	706
Erie, Pa.-----	30	41	226	204	Memphis, Tenn.-----	106	100	650	653
Jersey City, N. J.-----	63	75	454	461	Mobile, Ala.-----	25	38	208	230
Newark, N. J.-----	104	107	686	619	Montgomery, Ala.-----	17	32	159	170
New York City, N. Y.-----	1,749	1,690	10,405	9,943	Nashville, Tenn.-----	58	62	392	344
Paterson, N. J.-----	33	42	240	223	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.-----	499	465	2,778	3,012	Austin, Tex.-----	(22)	---	---	(186)
Pittsburgh, Pa.-----	205	171	1,191	1,191	Baton Rouge, La.-----	31	27	168	124
Reading, Pa.-----	---	(29)	---	(130)	Corpus Christi, Tex.-----	25	18	116	121
Rochester, N. Y.-----	98	96	649	588	Dallas, Tex.-----	105	127	686	638
Schenectady, N. Y.-----	19	15	144	143	El Paso, Tex.-----	33	29	186	188
Scranton, Pa.-----	38	51	258	215	Fort Worth, Tex.-----	78	62	386	367
Syracuse, N. Y.-----	61	69	380	392	Houston, Tex.-----	142	153	919	833
Trenton, N. J.-----	39	55	284	279	Little Rock, Ark.-----	64	64	335	319
Utica, N. Y.-----	35	30	193	204	New Orleans, La.-----	171	160	1,106	1,033
Yonkers, N. Y.-----	37	39	199	198	Oklahoma City, Okla.-----	53	79	402	394
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.-----	96	100	610	525
Akron, Ohio-----	47	55	318	314	Shreveport, La.-----	46	53	307	317
Canton, Ohio-----	30	26	201	158	Tulsa, Okla.-----	34	54	304	272
Chicago, Ill.-----	---	(765)	---	(4,877)	<b>MOUNTAIN</b>				
Cincinnati, Ohio-----	192	137	994	1,015	Albuquerque, N. Mex.-----	21	21	157	127
Cleveland, Ohio-----	246	219	1,355	1,241	Colorado Springs, Colo.-----	10	22	85	87
Columbus, Ohio-----	104	100	666	661	Denver, Colo.-----	118	124	746	677
Dayton, Ohio-----	66	72	470	460	Ogden, Utah-----	10	18	80	75
Detroit, Mich.-----	349	331	2,044	1,990	Phoenix, Ariz.-----	43	19	191	163
Evansville, Ind.-----	24	40	181	235	Pueblo, Colo.-----	14	12	82	85
Flint, Mich.-----	27	44	234	236	Salt Lake City, Utah-----	38	44	253	267
Fort Wayne, Ind.-----	33	43	233	248	Tucson, Ariz.-----	29	23	110	28
Gary, Ind.-----	30	30	189	197	<b>PACIFIC</b>				
Grand Rapids, Mich.-----	44	37	238	229	Berkeley, Calif.-----	24	24	132	120
Indianapolis, Ind.-----	128	108	762	676	Long Beach, Calif.-----	67	57	357	354
Indianapolis, Ind.-----	126	133	791	806	Los Angeles, Calif.-----	549	460	3,141	3,017
Milwaukee, Wis.-----	33	34	189	179	Oakland, Calif.-----	100	105	632	571
Peoria, Ill.-----	25	31	158	142	Pasadena, Calif.-----	45	40	258	244
South Bend, Ind.-----	99	84	625	613	Portland, Oreg.-----	135	80	608	632
Toledo, Ohio-----	54	66	367	353	Sacramento, Calif.-----	49	60	332	286
Youngstown, Ohio-----	54	66	367	353	San Diego, Calif.-----	79	102	520	433
<b>WEST NORTH CENTRAL</b>					San Francisco, Calif.-----	196	182	1,243	1,202
Des Moines, Iowa-----	58	68	343	321	Seattle, Wash.-----	142	136	834	765
Duluth, Minn.-----	32	29	179	148	Spokane, Wash.-----	67	42	300	250
Kansas City, Kans.-----	27	31	187	196	Tacoma, Wash.-----	41	49	252	222
Kansas City, Mo.-----	121	118	705	662	Honolulu, Hawaii-----	(48)	(40)	(255)	(225)
Minneapolis, Minn.-----	129	124	777	755					
Omaha, Nebr.-----	73	73	456	408					

Symbols.—parentheses [ ( ) ] : data not included in table 3; 5 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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