

# Morbidity and Mortality

Weekly  
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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

**NOTICE.**—Beginning with the next issue of this report the Communicable Disease Summary will be consolidated with the Morbidity and Mortality Weekly Report. The latter will be prepared and processed on a schedule that will permit its release on Friday mornings. There will be minor changes in the format and at a later date in the masthead.

Due to an error in transmission of the data, 9 cases of paralytic poliomyelitis were reported for Indiana last week. The report should have read "no paralytic cases."

Of the 22 cases of diphtheria reported this week, 10 were in 4 South Atlantic States as follows: North Carolina, 6; Florida, 2; and Georgia and South Carolina, 1 each. Four other States reported 2 cases each: Pennsylvania, South Dakota, Oklahoma, and Texas.

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The following information has been reported to the Influenza Information Center.

Dr. Gordon Meiklejohn, University of Colorado, reports that the influenza A-prime viruses isolated from personnel at an Air Force base in Colorado, appear to be closely related to the Ann Arbor/56 strain. Tests of the new strains were made against paired sera of individuals who had received an Ann Arbor/56 vaccine. Very similar titers in both high and low titer sera were obtained with the new strains and the Ann Arbor/56 strain. He reported that the illness at the Air Force base was mild but with an abrupt onset. There were marked constitutional symptoms but with few localized findings. Duration of illness was about 3 days and complications have been infrequent. Cases are also occurring in civilian personnel.

Information has been received of an increase in the respiratory disease rate in another military installation in Colorado; in military installations in Memphis, Tennessee, and in South Carolina. Reports of influenza-like disease have been reported in civilians in Colorado, Tennessee, and South Carolina. None of these has been confirmed as influenza by laboratory tests.

The California State Department of Public Health has reported a single laboratory confirmed case of influenza B infection. A student became ill in December with fever, headache, malaise and anorexia, and later, coryza and cough. The patient had no known contact with cases of respiratory disease and had not been out of the San Francisco Bay area. Serologic specimens showed a fourfold rise in antibody titer for influenza B. Specimens from this individual were the only ones of 163 tested since November 9, 1956, which showed a fourfold rise in titer or a titer significantly higher than would be expected in a normal population.

#### Psittacosis

Dr. Mason Romaine, Virginia State Department of Health, has reported a case of psittacosis in a 63-year-old woman. This woman became ill with chills, headache, weakness, vertigo with unsteady gait and mental confusion. Ten days later she was hospitalized and the symptoms progressed. Additional symptoms were vomiting, excessive sleepiness, and fever. A chest X-ray showed extensive pneumonitis in the right lung. The diagnosis of psittacosis was confirmed by complement fixation tests. The patient had been in contact with parakeets at 3 different places, one of which was her sister's home where several birds are being raised. Serologic test on specimens collected from the latter source was negative for psittacosis. No other human cases of respiratory illness have been reported in connection with the 3 possible sources.

#### Gastro-enteritis

**Correction**—Dr. J. D. Martin, Louisiana Department of Health, has indicated that a statement in the detailed report for week ended January 19 on the epidemiological investigation of gastro-enteritis in a Louisiana high school should have read, "food served both Wednesday and Thursday" instead of "food served one Wednesday and/or Thursday." Epidemiological information indicates that the illness was associated with food served on both days, since the meat loaf on Wednesday contained some of the canned pork and gravy which was served on Thursday, thus setting up the same vehicle for both meals. None of this food was available for laboratory examination, and tests on similar foods from the same manufacturer's lot were negative for pathogenic organisms. This suggests the probability that contamination occurred after the cans of pork had been opened.

Dr. A. L. Marshall, Indiana State Board of Health, has given epidemiological information on a severe case of gastro-enteritis. The patient became ill about 3 hours after eating a prepackaged coconut cream pie. The pie was delivered in a nonrefrigerated truck to a grocery 60 miles from the bakery. The pie had been displayed at approximately 70 degrees for about 24 hours before it was eaten. Bacteriologic examination of a sample of the pie revealed massive numbers of hemolytic *Staphylococcus aureus*. The source of contamination was not found. However, a sick employee was found at the bakery.

The California State Department of Public Health has reported an outbreak of gastro-enteritis among college students. Fifty-nine became ill with diarrhea, some had cramps, and 2 reported vomiting. The cases were confined to 3 residence halls on the college campus. Meat, milk, and bakery goods were the same as served by a cafeteria where no cases were reported. From an analysis of all information gathered, it is believed that this outbreak was not caused by food or water, but rather by a "virus." Stool specimens were collected from 3 persons but no bacteria were isolated. No viral studies were made.

## Morbidity and Mortality Weekly Report

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	5th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 2, 1957	Ended Feb. 4, 1956	Median 1952-56	First 5 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	-	-	1	5	3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Botulism-----049.1	-	-	-	-	-	2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Brucellosis (undulant fever)-----044	17	18	24	64	79	106	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Diphtheria-----055	22	40	45	116	220	239	871	1,550	1,550	July 1
Encephalitis, infectious-----082	15	21	19	90	104	103	1,654	1,026	1,026	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	427	598	792	1,955	2,519	3,217	7,154	10,022	---	Sept. 1
Malaria-----110-117	3	5	6	8	16	30	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Measles-----085	11,475	11,283	11,283	49,053	38,221	38,491	86,257	67,319	69,832	Sept. 1
Meningococcal infections-----057	53	74	100	250	371	538	981	1,294	1,734	Sept. 1
Meningitis, other-----340	26	27	---	148	129	---	---	---	---	---
Poliomyelitis-----080	53	87	108	<sup>2</sup> 232	520	661	<sup>2</sup> 14,565	28,727	35,090	Apr. 1
Paralytic-----080.0,080.1	32	49	---	<sup>2</sup> 132	291	---	<sup>2</sup> 6,257	10,468	---	Apr. 1
Nonparalytic-----080.2	16	23	---	59	137	---	5,652	10,945	---	Apr. 1
Unspecified-----080.3	5	15	---	41	92	---	2,656	7,314	---	Apr. 1
Psittacosis-----096.2	2	11	---	14	25	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rabies in man-----094	-	-	-	-	3	-	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Typhoid fever-----040	18	35	35	99	135	135	1,546	1,554	1,995	Apr. 1
Typhus fever, endemic-----101	-	1	1	13	3	10	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rabies in animals-----	98	100	156	482	507	726	1,446	1,534	2,241	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.<sup>2</sup>Includes revised report from Indiana for week of January 26.

## 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.

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

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 4, 1956 AND FEBRUARY 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		5th week		Cumulative first 5 weeks		082		5th week		Cumulative first 5 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	17	18	22	40	116	220	15	21	427	598	1,955	2,519
NEW ENGLAND-----	-	2	1	-	2	-	-	-	34	47	140	179
Maine-----	-	1	-	-	1	-	-	-	8	9	39	53
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	3	1
Vermont-----	-	-	-	-	-	-	-	-	8	7	31	21
Massachusetts-----	-	1	1	-	1	-	-	-	12	14	44	41
Rhode Island-----	-	-	-	-	-	-	-	-	-	10	9	24
Connecticut-----	-	-	-	-	-	-	-	-	6	6	14	39
MIDDLE ATLANTIC-----	-	-	3	-	5	3	5	4	64	114	247	494
New York-----	-	-	-	-	2	2	4	4	33	72	129	278
New Jersey-----	-	-	1	-	1	-	1	-	13	5	49	35
Pennsylvania-----	-	-	2	-	2	1	-	-	18	37	69	181
EAST NORTH CENTRAL-----	8	3	1	11	11	38	-	3	75	103	344	360
Ohio-----	1	-	1	1	3	4	-	-	17	32	108	86
Indiana-----	-	1	-	-	-	3	-	1	-	14	13	46
Illinois-----	6	1	-	-	-	-	-	-	10	28	60	114
Michigan-----	1	1	-	10	8	31	-	2	37	20	127	77
Wisconsin-----	-	-	-	-	-	-	-	-	11	9	36	37
WEST NORTH CENTRAL-----	8	10	2	6	8	24	-	1	32	64	159	238
Minnesota-----	-	-	-	3	2	10	-	-	11	9	56	70
Iowa-----	4	9	-	3	1	8	-	-	3	19	34	67
Missouri-----	-	-	-	-	-	-	-	1	13	2	25	11
North Dakota-----	-	-	-	-	-	-	-	-	1	16	37	23
South Dakota-----	-	-	2	-	3	-	-	-	1	13	3	38
Nebraska-----	3	1	-	-	1	6	-	-	2	2	3	12
Kansas-----	1	-	-	-	1	-	-	-	1	3	1	17
SOUTH ATLANTIC-----	-	1	10	7	34	47	3	3	14	33	114	159
Delaware-----	-	-	-	-	1	-	-	-	1	4	6	14
Maryland-----	-	-	-	-	-	-	-	-	-	1	6	4
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	2	-	3	1	2	7	13	38	76
West Virginia-----	-	-	-	-	1	1	-	1	3	-	11	5
North Carolina-----	-	-	6	1	7	10	2	-	1	2	14	22
South Carolina-----	-	-	1	-	7	4	-	-	-	-	3	7
Georgia-----	-	1	1	-	9	11	-	-	-	4	21	17
Florida-----	-	-	2	4	9	18	-	-	2	9	15	14
EAST SOUTH CENTRAL-----	1	1	1	9	22	39	-	1	70	47	314	177
Kentucky-----	-	1	-	-	7	4	-	-	38	12	100	46
Tennessee-----	-	-	-	3	1	6	-	1	23	28	163	96
Alabama-----	-	-	-	5	6	23	-	-	4	2	26	12
Mississippi-----	1	-	1	1	8	6	-	-	5	5	25	23
WEST SOUTH CENTRAL-----	-	-	4	6	25	57	1	1	21	32	95	140
Arkansas-----	-	-	-	-	1	5	-	-	1	5	14	9
Louisiana-----	-	-	-	-	2	8	-	-	-	1	8	5
Oklahoma-----	-	-	2	4	4	11	-	-	8	3	16	11
Texas-----	-	-	2	2	18	33	1	1	12	23	57	115
MOUNTAIN-----	-	-	-	-	6	-	-	-	36	73	176	312
Montana-----	-	-	-	-	2	-	-	-	4	15	15	77
Idaho-----	-	-	-	-	-	-	-	-	4	20	12	36
Wyoming-----	-	-	-	-	1	-	-	-	1	1	4	20
Colorado-----	-	-	-	-	-	-	-	-	6	17	32	56
New Mexico-----	-	-	-	-	3	-	-	-	3	5	48	20
Arizona-----	-	-	-	-	-	-	-	-	12	13	38	94
Utah-----	-	-	-	-	-	-	-	-	-	2	9	9
Nevada-----	-	-	-	-	-	-	-	-	6	-	18	-
PACIFIC-----	-	1	-	1	3	12	6	8	81	85	366	460
Washington-----	-	-	-	-	-	-	-	-	27	18	65	107
Oregon-----	-	-	-	-	-	-	-	-	10	6	71	91
California-----	-	1	-	1	3	12	6	8	44	61	230	262
Alaska-----	-	-	-	-	-	-	-	-	1	-	5	8
Hawaii-----	-	-	-	-	-	-	-	-	1	4	3	7
Puerto Rico-----	-	-	1	-	2	6	-	-	-	4	6	23

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 4, 1956 AND FEBRUARY 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 <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	5th week		Cumulative first 5 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	53	87	<sup>2</sup> 232	520	32	49	16	23	3	5	11,475	11,283
NEW ENGLAND-----	2	4	3	25	1	3	1	-	-	-	450	244
Maine-----	1	-	1	5	1	-	-	-	-	-	10	3
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	12	-
Vermont-----	-	-	-	3	-	-	-	-	-	-	144	101
Massachusetts-----	-	4	-	13	-	3	-	-	-	-	97	115
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	1	3
Connecticut-----	1	-	2	-	-	-	1	-	-	-	186	22
MIDDLE ATLANTIC-----	2	7	8	41	1	3	1	-	-	-	1,564	1,510
New York-----	2	4	7	30	1	2	1	-	-	-	766	370
New Jersey-----	-	1	1	2	-	1	-	-	-	-	519	335
Pennsylvania-----	-	2	-	9	-	-	-	-	-	-	279	805
EAST NORTH CENTRAL-----	6	8	<sup>2</sup> 24	39	4	5	-	1	-	-	1,552	2,758
Ohio-----	-	1	7	8	-	-	-	-	-	-	216	617
Indiana-----	-	1	<sup>2</sup> 5	2	-	1	-	-	-	-	-	121
Illinois-----	3	1	4	2	1	-	-	1	-	-	251	950
Michigan-----	2	4	5	16	2	4	-	-	-	-	685	772
Wisconsin-----	1	1	3	11	1	-	-	-	-	-	400	298
WEST NORTH CENTRAL-----	5	3	21	22	1	1	3	1	-	-	451	432
Minnesota-----	-	-	1	2	-	-	-	-	-	-	124	5
Iowa-----	2	1	3	8	-	-	2	1	-	-	141	160
Missouri-----	1	1	5	5	-	1	-	-	-	-	81	105
North Dakota-----	-	-	-	1	-	-	-	-	-	-	101	26
South Dakota-----	-	1	-	4	-	-	-	-	-	-	-	24
Nebraska-----	2	-	6	2	1	-	1	-	-	-	4	18
Kansas-----	-	-	6	2	-	-	-	-	-	-	-	94
SOUTH ATLANTIC-----	12	7	37	39	8	4	2	3	-	1	570	1,339
Delaware-----	-	-	-	1	-	-	-	-	-	-	13	3
Maryland-----	-	-	-	4	-	-	-	-	-	-	17	471
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	3	46
Virginia-----	1	-	2	-	1	-	-	-	-	-	69	204
West Virginia-----	-	-	-	-	-	-	-	-	-	-	60	271
North Carolina-----	4	5	6	17	3	4	1	1	-	1	71	184
South Carolina-----	2	1	12	4	1	-	1	1	-	-	107	24
Georgia-----	2	-	2	5	2	-	-	-	-	-	85	95
Florida-----	3	1	15	8	1	-	-	1	-	-	145	41
EAST SOUTH CENTRAL-----	3	6	18	21	2	3	1	3	-	-	2,025	623
Kentucky-----	-	2	2	7	-	1	-	1	-	-	965	275
Tennessee-----	-	1	4	1	-	1	-	-	-	-	884	290
Alabama-----	-	-	4	1	-	-	-	-	-	-	106	44
Mississippi-----	3	3	8	12	2	1	1	2	-	-	70	14
WEST SOUTH CENTRAL-----	9	16	44	96	6	9	3	3	3	2	1,706	2,000
Arkansas-----	-	2	1	6	-	2	-	-	-	-	45	227
Louisiana-----	2	4	8	14	1	3	1	1	1	-	1	11
Oklahoma-----	-	1	2	4	-	-	-	-	2	-	25	301
Texas-----	7	9	33	72	5	4	2	2	-	2	1,635	1,461
MOUNTAIN-----	1	6	20	36	1	3	-	1	-	-	1,164	1,493
Montana-----	-	-	1	4	-	-	-	-	-	-	67	210
Idaho-----	-	1	-	4	-	-	-	-	-	-	40	16
Wyoming-----	-	1	-	1	-	1	-	-	-	-	7	160
Colorado-----	-	1	2	3	-	1	-	-	-	-	71	757
New Mexico-----	1	-	3	-	1	-	-	-	-	-	129	78
Arizona-----	-	2	3	16	-	1	-	1	-	-	189	236
Utah-----	-	1	9	2	-	-	-	-	-	-	486	36
Nevada-----	-	-	2	6	-	-	-	-	-	-	175	-
PACIFIC-----	13	30	57	201	8	18	5	11	-	2	1,993	884
Washington-----	-	1	2	12	-	-	-	-	-	-	446	240
Oregon-----	-	1	3	14	-	-	-	1	-	-	235	30
California-----	13	28	52	175	8	18	5	10	-	2	1,312	814
Alaska-----	-	-	1	-	-	-	-	-	-	-	7	44
Hawaii-----	1	4	1	23	1	2	-	2	1	-	415	10
Puerto Rico-----	1	4	4	4	1	4	-	-	-	-	57	37

<sup>1</sup>Includes cases not specified by type, category number 080.3.

<sup>2</sup>Includes revised report for week of January 26.

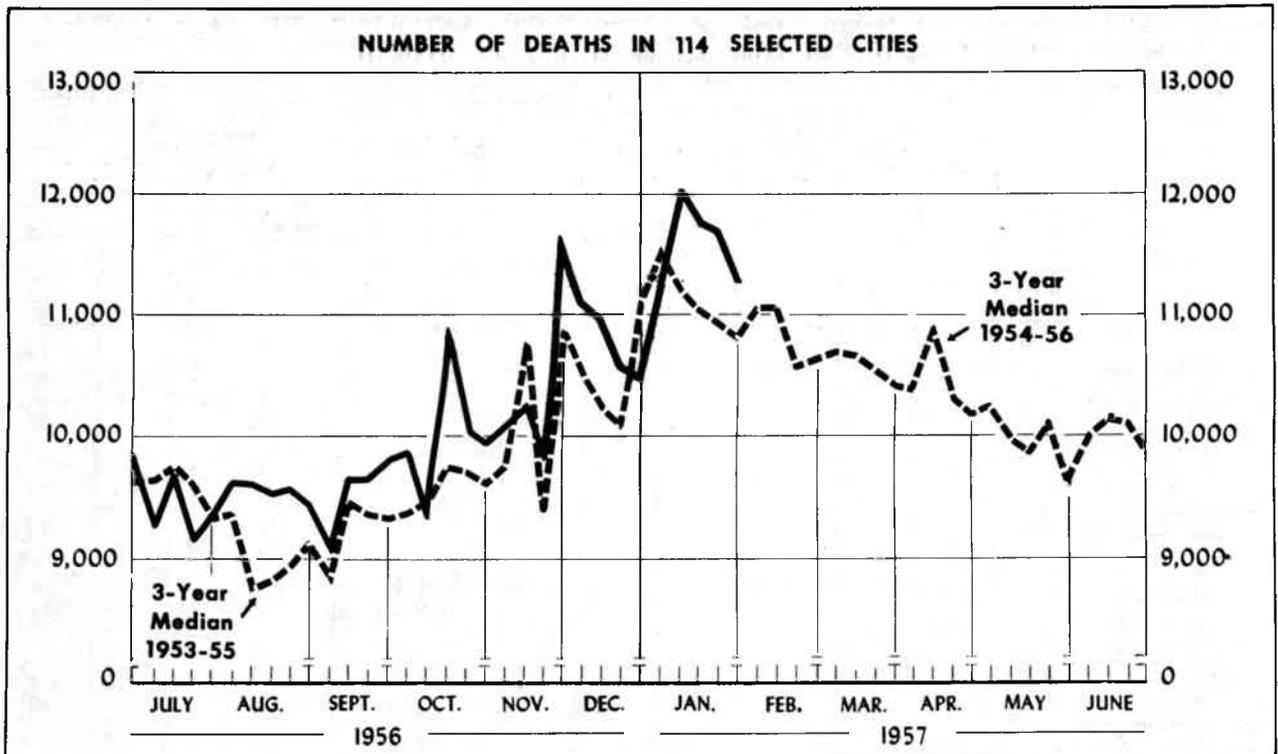
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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 4, 1956 AND FEBRUARY 2, 1957—Continued**

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		5th week		Cumulative first 5 weeks		101		
	057	1957	1956	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES-----	53	74	26	2	11	18	35	99	135	-	98	100
NEW ENGLAND-----	1	8	-	-	2	1	-	4	1	-	-	-
Maine-----	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	6	-	-	-	-	-	1	1	-	-	-
Rhode Island-----	-	-	-	-	-	1	-	2	-	-	-	-
Connecticut-----	-	1	-	-	2	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	10	9	-	-	-	-	4	8	17	-	4	8
New York-----	2	4	-	-	-	-	2	2	6	-	3	6
New Jersey-----	3	-	-	-	-	-	-	2	1	-	-	-
Pennsylvania-----	5	5	-	-	-	-	2	4	10	-	1	2
EAST NORTH CENTRAL-----	12	11	6	1	2	2	6	12	12	-	7	14
Ohio-----	2	2	-	1	1	1	1	9	3	-	-	5
Indiana-----	-	3	-	-	-	-	-	1	1	-	4	8
Illinois-----	3	3	4	-	1	-	-	-	-	-	-	-
Michigan-----	7	3	2	-	-	1	2	2	4	-	2	-
Wisconsin-----	-	-	-	-	-	-	3	-	4	-	1	1
WEST NORTH CENTRAL-----	3	5	-	-	2	2	8	10	24	-	14	12
Minnesota-----	2	2	-	-	2	-	5	-	12	-	7	5
Iowa-----	1	-	-	-	-	1	-	4	3	-	-	-
Missouri-----	-	2	-	-	-	-	-	5	3	-	7	6
North Dakota-----	-	-	-	-	-	-	-	-	2	-	-	-
South Dakota-----	-	-	-	-	-	-	1	-	2	-	-	-
Nebraska-----	-	1	-	-	-	-	2	-	2	-	-	-
Kansas-----	-	-	-	-	-	-	-	1	-	-	-	-
SOUTH ATLANTIC-----	10	14	6	-	3	2	6	13	21	-	23	24
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	2
Maryland-----	1	2	1	-	-	-	-	-	1	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	2	5	4	-	-	-	-	4	-	-	5	10
West Virginia-----	2	1	-	-	-	-	2	3	3	-	-	-
North Carolina-----	3	2	-	-	3	-	2	1	6	-	2	3
South Carolina-----	-	1	1	-	-	-	-	-	3	-	4	8
Georgia-----	-	1	-	-	-	2	1	3	3	-	5	1
Florida-----	2	2	-	-	-	-	1	2	4	-	7	-
EAST SOUTH CENTRAL-----	4	9	4	-	-	3	5	17	19	-	14	13
Kentucky-----	1	2	-	-	-	-	2	2	5	-	8	6
Tennessee-----	-	5	2	-	-	3	-	9	7	-	1	3
Alabama-----	3	2	-	-	-	-	-	-	-	-	4	4
Mississippi-----	-	-	2	-	-	-	3	6	7	-	1	-
WEST SOUTH CENTRAL-----	7	11	6	1	-	3	5	22	24	-	24	16
Arkansas-----	2	2	1	-	-	2	-	5	4	-	4	3
Louisiana-----	2	2	-	-	-	-	2	7	5	-	7	-
Oklahoma-----	-	4	-	-	-	-	-	3	5	-	1	-
Texas-----	3	3	5	1	-	1	3	7	10	-	12	13
MOUNTAIN-----	-	-	3	-	1	2	-	6	4	-	10	2
Montana-----	-	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	-	1	-	2	1	-	9	-
New Mexico-----	-	-	1	-	-	-	-	2	3	-	-	-
Arizona-----	-	-	1	-	-	1	-	1	-	-	1	2
Utah-----	-	-	-	-	1	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	7	1	-	1	3	1	7	13	-	2	11
Washington-----	1	1	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	1	1	-	-	-	1	-	3	-	-	-
California-----	5	5	-	-	1	3	-	7	10	-	2	11
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	1	-	-
Puerto Rico-----	-	-	4	-	-	-	2	7	2	-	-	-

## Morbidity and Mortality Weekly Report



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 3 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	5th week ended Feb. 2, 1957	4th week ended Jan. 1957	5th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 5 WEEKS		
					1957	1956	Percent change
TOTAL: 110 REPORTING CITIES-----	11,110	11,562	10,661	+4.2	57,252	55,523	+3.1
New England----- (14 cities)	775	798	701	+10.6	3,935	3,739	+5.2
Middle Atlantic----- (19 cities)	3,242	3,320	3,173	+2.2	16,520	16,172	+2.2
East North Central----- (19 cities)	2,355	2,558	2,348	+0.3	12,372	12,162	+1.7
West North Central----- (8 cities)	803	743	727	+10.5	3,848	3,807	+1.1
South Atlantic----- (10 cities)	910	956	880	+3.4	4,793	4,785	+0.2
East South Central----- (8 cities)	479	512	515	-7.0	2,601	2,649	-1.8
West South Central----- (12 cities)	926	947	812	+14.0	4,647	4,307	+7.9
Mountain----- (8 cities)	283	318	252	+12.3	1,421	1,268	+12.1
Pacific----- (12 cities)	1,337	1,410	1,270	+5.3	7,115	6,634	+7.3

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

AREA	5th week ended Feb. 2, 1957	4th week ended Jan. 26, 1957	CUMULATIVE NUMBER FIRST 5 WEEKS		AREA	5th week ended Feb. 2, 1957	4th week ended Jan. 26, 1957	CUMULATIVE NUMBER FIRST 5 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.	272	261	1,327	1,278	St. Louis, Mo.	251	232	1,212	1,328
Bridgeport, Conn.	36	44	209	199	St. Paul, Minn.	79	61	354	339
Cambridge, Mass.	39	35	179	165	Wichita, Kans.	61	39	235	213
Fall River, Mass.	32	18	131	162	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.	75	54	288	263	Atlanta, Ga.	113	130	621	619
Lowell, Mass.	29	37	144	123	Baltimore, Md.	276	233	1,310	1,286
Lynn, Mass.	20	22	127	102	Charlotte, N. C.	29	30	177	209
New Bedford, Mass.	36	41	167	120	Jacksonville, Fla.	46	52	283	293
New Haven, Conn.	38	66	255	277	Miami, Fla.	45	53	265	327
Providence, R. I.	71	70	346	314	Norfolk, Va.	---	(40)	---	(183)
Somerville, Mass.	11	15	72	96	Richmond, Va.	76	105	408	408
Springfield, Mass.	28	55	218	230	Savannah, Ga.	28	26	174	152
Waterbury, Conn.	21	29	140	145	Tampa, Fla.	78	80	365	326
Worcester, Mass.	67	51	532	265	Washington, D. C.	185	205	1,001	989
<b>MIDDLE ATLANTIC</b>					Wilmingon, Del.	34	42	189	176
Albany, N. Y.	52	41	259	262	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.	42	49	208	202	Birmingham, Ala.	75	73	405	414
Ruffalo, N. Y.	184	108	814	770	Chattanooga, Tenn.	49	52	270	238
Camden, N. J.	25	56	207	200	Knoxville, Tenn.	25	42	162	229
Elizabeth, N. J.	33	30	137	122	Louisville, Ky.	98	102	561	591
Erie, Pa.	41	35	196	175	Memphis, Tenn.	100	116	544	549
Jersey City, N. J.	75	97	391	394	Mobile, Ala.	38	41	183	194
Newark, N. J.	107	110	582	514	Montgomery, Ala.	32	21	142	142
New York City, N. Y.	1,690	1,762	8,656	8,352	Nashville, Tenn.	62	65	334	292
Paterson, N. J.	42	41	207	189	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.	465	491	2,279	2,509	Austin, Tex.	---	(32)	---	(158)
Pittsburgh, Pa.	171	207	986	1,021	Baton Rouge, La.	27	30	137	105
Reading, Pa.	29	27	137	104	Corpus Christi, Tex.	18	16	91	94
Rochester, N. Y.	96	104	551	495	Dallas, Tex.	127	114	581	544
Schenectady, N. Y.	15	29	125	128	El Paso, Tex.	29	34	153	134
Scranton, Pa.	51	41	220	177	Fort Worth, Tex.	62	54	308	294
Syracuse, N. Y.	---	(53)	---	(322)	Houston, Tex.	153	156	777	714
Trenton, N. J.	55	35	245	232	Little Rock, Ark.	64	56	271	249
Utica, N. Y.	30	29	158	169	New Orleans, La.	160	220	935	871
Yonkers, N. Y.	39	28	162	157	Oklahoma City, Okla.	79	58	349	321
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.	100	111	514	461
Akron, Ohio	55	58	271	263	Shreveport, La.	53	64	261	274
Canton, Ohio	26	41	171	126	Tulsa, Okla.	54	34	270	246
Chicago, Ill.	765	840	4,014	4,101	<b>MOUNTAIN</b>				
Cincinnati, Ohio	137	147	802	860	Albuquerque, N. Mex.	21	27	136	104
Cleveland, Ohio	219	214	1,109	1,020	Colorado Springs, Colo.	22	11	75	73
Columbus, Ohio	100	137	562	552	Denver, Colo.	124	136	628	575
Dayton, Ohio	72	83	404	375	Ogden, Utah	18	13	70	60
Detroit, Mich.	331	356	1,695	1,621	Phoenix, Ariz.	19	34	148	134
Evansville, Ind.	40	28	157	195	Pueblo, Colo.	12	16	68	76
Flint, Mich.	44	44	207	193	Salt Lake City, Utah	44	63	215	222
Fort Wayne, Ind.	43	46	200	206	Tucson, Ariz.	23	18	81	24
Gary, Ind.	30	38	159	152	<b>PACIFIC</b>				
Grand Rapids, Mich.	37	46	194	191	Berkeley, Calif.	24	15	108	93
Indianapolis, Ind.	108	140	634	560	Long Beach, Calif.	57	62	290	288
Milwaukee, Wis.	133	126	665	681	Los Angeles, Calif.	460	493	2,592	2,476
Peoria, Ill.	34	30	156	154	Oakland, Calif.	105	105	532	471
South Bend, Ind.	31	22	133	122	Pasadena, Calif.	40	44	213	189
Toledo, Ohio	84	103	526	517	Portland, Oreg.	80	104	473	532
Youngstown, Ohio	66	59	313	273	Sacramento, Calif.	60	61	283	233
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.	102	77	441	368
Des Moines, Iowa	68	59	285	264	San Francisco, Calif.	182	219	1,047	979
Duluth, Minn.	29	28	147	127	Seattle, Wash.	136	144	692	619
Kansas City, Kans.	---	(32)	---	(161)	Spokane, Wash.	42	52	233	202
Kansas City, Mo.	118	127	584	556	Tacoma, Wash.	49	34	211	184
Minneapolis, Minn.	124	113	648	640	Honolulu, Hawaii	(40)	(46)	(207)	(180)
Omaha, Nebr.	73	84	383	340					

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

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