

# 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 May 5, 1956

For the current week, a total of 644 cases of infectious hepatitis was reported. This exceeds that of any previous week since January 1. Large numbers of cases were reported in Pennsylvania (190), New York (75), California (46), Kansas (36), Texas (35), and Michigan (32). Since January 1, 1956, these States have reported approximately 3,500 cases compared with 5,854 for the same period of 1955. The total number of cases reported in the country as a whole is about 40 percent less than that for the same period in 1955, and about 60 percent less than the 1954 figure.

The number of poliomyelitis cases reported for the current week, disease year, and calendar year are shown in the table below. For the current week, 22 of the 51 paralytic, 8 of the 30 nonparalytic, and 5 of the 11 unspecified cases were reported from the East South Central and West South Central States. The total (35) for these States is the same as the total for the same week last year. California's total (27) for the current week also is the same as the number reported last year.

	Current week		Disease year		Calendar year	
	1956	1955	1956	1955	1956	1955
Total -----	92	149	395	536	1,463	1,599
Paralytic ----	51	74	219	239	803	703
Nonparalytic--	30	45	114	147	399	437
Unspecified ---	11	30	62	150	261	459

### EPIDEMIOLOGICAL REPORTS

#### Typhoid fever

Since January 1, 1956, the Maine Department of Health and Welfare has reported 9 cases of typhoid fever compared with 2 for the same period of 1955. Of the total this year, 7 were in Aroostook County. Information on 4 cases in this county was given in last week's report. These as well as other cases probably resulted from carriers. It is reported that typhoid fever is not uncommon in the part of Canada near the northern border of Maine, across which there is a great deal of travel. In one community, phage type E<sub>4</sub> was associated with the outbreak. In another, involving 3 cases, a stool specimen from 1 patient yielded Salmonella typhi, phage type "degraded VI."

#### Rabies in man

Dr. John Mason, New Mexico Department of Public Health, has reported a case of rabies in a 7-year-old girl. There was no history of being bitten by a dog or any other animal. However, an unvaccinated puppy belonging to the family had contracted rabies and died about 2 months prior to onset of the child's illness. Since the child was not suspected of having been bitten or closely associated with the dog, the prophylactic Pasteur treatment was not requested.

Rabies in the puppy was confirmed in laboratory tests both by the demonstration of Negri bodies in the brain, and by mouse inoculations. The child showed clinical signs and symptoms of

rabies infection and died about 72 hours after onset of illness. Examination of the brain revealed extracellular structures resembling Negri bodies. Samples of brain tissue and saliva have been inoculated into mice, but the results of these tests have not yet been received.

#### Psittacosis

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported a case of psittacosis in a 43-year-old woman who was employed in the pet bird department of a store. The diagnosis was confirmed by a rise in complement fixation titer for psittacosis. The patient said that 7 birds died during the first week of February, but the manager of the store claims that he was not notified. The birds at the department store were purchased from New York City and from Rochester, New York.

#### Communicable diseases in a boarding school

Information has been received about the occurrence of measles (14 cases), mumps (5), and german measles (12) among 150 children in a boarding school for Indians in Oklahoma. Although these children lived in the boarding school they attended public school. All the cases occurred during April and were in children 6 to 13 years of age.

#### Gastro-enteritis

Dr. S. B. Osgood, Oregon State Board of Health, has reported an outbreak of gastro-enteritis among persons who ate in a restaurant. Eight people became ill from 2 to 5 hours after eating coconut cream pie at the restaurant. No pies were available for bacteriological examination, and the source of infection was not determined.

The Washington State Department of Health has reported an outbreak of gastro-enteritis among 183 persons in an institution. Of these, 105 became ill with nausea and vomiting from 2 to 4½ hours after eating a meal served in the institution. Coagulase positive hemolytic staphylococci was found in a sample of potato salad submitted to the laboratory for examination. An investigation revealed that the potatoes had been cooked the previous day and left unrefrigerated.

#### Erythema infectiosum

Dr. F. H. Wentworth, Ohio Department of Health, has supplied information on a retrospective study that revealed a total of 390 cases thought to be erythema infectiosum. These cases occurred during the first 4 months of 1956 and were in 9 of 10 rural schools in 1 county of the State. The average attack rate for grades 1 through 6 was 20.6 percent and for grades 7 through 12, 6 percent. An investigation of 30 families revealed a 38 percent secondary attack rate among children of preschool age and a 10 percent secondary attack rate among the adults. The average duration of the rash in 56 cases was 7½ days. Accurate data on the incubation period was not available, but the range approximated 3 to 15 days with an average of 7. The clinical picture was identical to that previously described for this disease and was characterized by absence of constitutional symptoms and the very characteristic lacy evanescent rash. It has been reported that at least 5 other counties in the State had outbreaks of this disease in schools during this same period.

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**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	18th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 5, 1956	Ended May 7, 1955	Median 1951-55	First 18 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	24	12	14	(1)	(1)	(1)	(1)
Botulism-----049.1	-	1	---	-	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	22	23	---	318	387	---	---	---	---	---
Diphtheria-----055	27	18	38	657	552	787	1,987	1,769	2,436	July 1
Encephalitis, infectious-----082	54	44	27	476	436	431	1,427	1,788	1,161	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	644	671	---	8,979	15,618	---	---	---	---	---
Malaria-----110-117	6	11	---	57	80	---	(1)	(1)	(1)	(1)
Measles-----085	35,295	24,302	24,611	343,159	356,300	356,300	372,257	410,769	410,769	Sept. 1
Meningococcal infections-----057	52	77	77	1,251	1,670	1,999	2,174	2,719	3,268	Sept. 1
Meningitis, other-----340	28	---	---	527	---	---	---	---	---	---
Poliomyelitis-----080	92	149	109	1,463	1,599	1,677	395	536	481	Apr. 1
Psittacosis-----096.2	8	8	---	138	122	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	1	-	5	3	3	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	3	(1)	(1)	(1)	(1)
Typhoid fever-----040	32	40	37	497	458	531	184	151	140	Apr. 1
Typhus fever, endemic-----101	1	1	---	26	25	---	(1)	(1)	(1)	(1)
Rabies in animals-----	104	127	148	2,171	2,306	3,023	3,198	3,659	4,567	Oct. 1

<sup>1</sup>Frequencies are too small.

## 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, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

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

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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 MAY 7, 1955 AND MAY 5, 1956**

(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		18th week		Cumulative first 18 weeks		082		18th week		Cumulative first 18 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	22	23	27	18	657	552	54	44	644	671	8,979	15,618
NEW ENGLAND-----	1	-	-	1	4	15	-	1	23	69	584	1,451
Maine-----	-	-	-	-	-	-	-	-	3	5	139	137
New Hampshire-----	-	-	-	-	1	-	-	-	2	1	21	51
Vermont-----	-	-	-	-	-	1	-	-	1	2	87	109
Massachusetts-----	-	-	1	-	3	14	-	1	12	29	132	536
Rhode Island-----	-	-	-	-	-	-	-	-	1	10	67	205
Connecticut-----	1	-	-	-	-	-	-	-	4	22	139	413
MIDDLE ATLANTIC-----	1	2	-	2	24	27	14	9	269	218	1,882	3,980
New York-----	-	1	-	1	10	18	13	8	75	113	948	2,103
New Jersey-----	1	-	-	-	5	2	1	1	4	9	158	268
Pennsylvania-----	-	1	-	1	9	7	-	-	190	96	776	1,609
EAST NORTH CENTRAL-----	8	4	1	2	134	79	3	6	77	80	1,404	2,242
Ohio-----	-	-	-	-	12	22	-	-	17	7	345	379
Indiana-----	-	-	-	-	70	29	1	2	15	15	228	348
Illinois-----	5	4	1	1	3	3	-	1	9	23	345	532
Michigan-----	3	-	-	1	48	23	2	3	32	20	331	667
Wisconsin-----	-	-	-	-	1	2	-	-	4	15	155	316
WEST NORTH CENTRAL-----	8	10	9	-	75	74	5	2	65	83	792	2,108
Minnesota-----	-	1	-	-	24	24	-	-	10	18	229	738
Iowa-----	1	8	1	-	16	4	-	-	11	44	197	655
Missouri-----	2	-	2	-	8	6	-	-	3	8	40	232
North Dakota-----	-	-	-	-	-	-	-	-	4	6	72	128
South Dakota-----	2	1	-	-	1	29	-	1	1	7	103	215
Nebraska-----	1	-	6	-	24	10	-	-	-	-	64	41
Kansas-----	2	-	-	-	2	1	5	1	36	-	87	99
SOUTH ATLANTIC-----	1	2	7	5	127	143	6	8	22	49	519	1,371
Delaware-----	-	-	-	-	-	-	-	-	-	1	14	26
Maryland-----	-	-	-	1	-	3	-	-	2	2	52	159
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	8	24
Virginia-----	1	-	3	-	20	11	-	-	6	21	218	614
West Virginia-----	-	-	-	1	4	8	-	-	2	4	24	167
North Carolina-----	-	-	-	-	16	22	2	1	1	8	48	164
South Carolina-----	-	-	-	1	23	27	1	-	1	1	25	32
Georgia-----	-	2	-	1	24	51	2	2	9	7	67	84
Florida-----	-	-	4	1	39	19	1	5	1	5	63	101
EAST SOUTH CENTRAL-----	-	1	3	4	93	74	4	3	32	35	779	799
Kentucky-----	-	-	-	-	4	15	-	-	14	5	234	125
Tennessee-----	-	-	1	2	17	14	1	1	13	16	363	349
Alabama-----	-	1	-	2	47	29	3	2	1	5	77	145
Mississippi-----	-	-	2	-	25	16	-	-	4	9	105	180
WEST SOUTH CENTRAL-----	2	4	7	3	161	116	9	2	44	37	679	770
Arkansas-----	2	-	-	-	16	7	-	-	4	3	71	105
Louisiana-----	-	2	1	-	17	18	-	-	1	2	37	50
Oklahoma-----	-	-	2	1	49	14	-	-	4	3	42	76
Texas-----	-	2	4	2	79	77	9	2	35	29	529	539
MOUNTAIN-----	1	-	-	1	14	5	-	1	42	38	940	1,199
Montana-----	-	-	-	-	-	2	-	-	4	8	259	140
Idaho-----	-	-	-	-	1	-	-	-	6	1	120	137
Wyoming-----	-	-	-	-	3	-	-	1	4	3	52	35
Colorado-----	-	-	-	-	3	-	-	-	10	17	194	244
New Mexico-----	-	-	-	-	1	-	-	-	3	-	84	230
Arizona-----	-	-	-	-	5	1	-	-	8	8	195	355
Utah-----	1	-	-	-	1	1	-	-	7	1	34	38
Nevada-----	-	-	-	1	-	1	-	-	-	-	2	20
PACIFIC-----	-	-	-	-	25	19	13	12	70	62	1,400	1,698
Washington-----	-	-	-	-	3	8	-	-	9	11	312	375
Oregon-----	-	-	-	-	8	-	-	-	15	22	269	486
California-----	-	-	-	-	14	11	13	12	46	29	819	837
Alaska-----	-	-	-	-	-	-	-	-	2	6	52	144
Hawaii-----	-	-	-	-	-	-	-	-	1	-	16	24
Puerto Rico-----	-	-	1	-	18	36	-	-	3	1	89	33

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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 MAY 7, 1955 AND MAY 5, 1956--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	
	18th week		Cumulative first 18 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	92	149	1,463	1,599	51	74	30	45	6	11	35,295	24,302
NEW ENGLAND-----	3	5	40	34	2	1	1	4	-	-	234	3,563
Maine-----	-	-	8	3	-	-	-	-	-	-	8	135
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	15	73
Vermont-----	-	-	7	11	-	-	-	-	-	-	18	297
Massachusetts-----	-	2	18	10	-	1	-	1	-	-	112	1,655
Rhode Island-----	-	-	2	1	-	-	-	-	-	-	-	283
Connecticut-----	3	3	3	6	2	-	1	3	-	-	81	1,120
MIDDLE ATLANTIC-----	4	8	95	174	2	2	2	1	-	1	5,928	5,062
New York-----	3	5	68	109	2	2	1	1	-	-	2,303	1,551
New Jersey-----	1	1	9	25	-	-	1	-	-	1	970	2,365
Pennsylvania-----	-	2	18	40	-	-	-	-	-	-	2,655	1,146
EAST NORTH CENTRAL-----	8	27	115	168	4	13	2	8	-	1	10,970	5,661
Ohio-----	1	7	23	41	-	2	-	1	-	-	2,844	349
Indiana-----	1	3	8	14	-	3	-	-	-	-	1,390	45
Illinois-----	2	15	24	46	2	8	-	5	-	-	2,707	428
Michigan-----	3	1	36	49	1	-	2	1	-	1	2,845	840
Wisconsin-----	1	1	24	18	1	-	-	1	-	-	1,184	3,999
WEST NORTH CENTRAL-----	5	13	70	122	-	7	2	5	-	-	1,095	812
Minnesota-----	-	1	13	21	-	-	-	1	-	-	44	142
Iowa-----	2	3	19	26	-	3	1	-	-	-	272	345
Missouri-----	1	3	17	16	-	2	-	1	-	-	376	120
North Dakota-----	-	-	2	3	-	-	-	-	-	-	79	44
South Dakota-----	-	1	8	13	-	1	-	-	-	-	26	27
Nebraska-----	1	3	4	19	-	-	1	3	-	-	131	5
Kansas-----	1	2	7	24	-	1	-	-	-	-	167	129
SOUTH ATLANTIC-----	7	16	119	275	1	8	6	5	-	-	4,580	669
Delaware-----	-	-	1	5	-	-	-	-	-	-	38	8
Maryland-----	-	-	4	7	-	-	-	-	-	-	262	64
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	57	9
Virginia-----	1	2	5	10	-	2	1	-	-	-	1,872	192
West Virginia-----	-	1	7	12	-	-	-	-	-	-	937	112
North Carolina-----	1	-	26	33	-	-	1	-	-	-	413	126
South Carolina-----	-	-	9	15	-	-	-	-	-	-	565	27
Georgia-----	-	4	13	33	-	3	-	-	-	-	131	79
Florida-----	5	9	54	160	1	3	4	5	-	-	305	52
EAST SOUTH CENTRAL-----	6	6	65	84	3	1	3	2	-	1	3,422	429
Kentucky-----	1	3	23	35	-	-	1	2	-	-	1,316	57
Tennessee-----	-	1	10	15	-	-	-	-	-	-	1,488	225
Alabama-----	-	1	2	11	-	-	-	-	-	1	442	78
Mississippi-----	5	1	30	23	3	1	2	-	-	-	176	71
WEST SOUTH CENTRAL-----	29	29	339	284	19	16	5	9	4	4	5,247	2,478
Arkansas-----	2	1	12	18	2	-	-	1	-	-	399	158
Louisiana-----	11	11	64	56	9	10	2	1	-	-	34	21
Oklahoma-----	-	4	14	22	-	1	-	-	-	-	493	140
Texas-----	16	13	249	188	8	5	3	7	4	4	4,321	2,159
MOUNTAIN-----	3	15	91	113	-	4	2	3	-	1	1,467	924
Montana-----	-	-	6	12	-	-	-	-	-	-	268	28
Idaho-----	-	3	11	24	-	-	-	-	-	-	85	30
Wyoming-----	-	1	3	7	-	1	-	-	-	-	53	2
Colorado-----	-	-	9	17	-	-	-	-	-	-	605	234
New Mexico-----	1	3	5	6	-	2	-	1	-	-	150	200
Arizona-----	2	6	38	15	-	-	2	2	-	1	271	399
Utah-----	-	1	8	22	-	-	-	-	-	-	34	22
Nevada-----	-	1	11	10	-	1	-	-	-	-	1	9
PACIFIC-----	27	30	529	345	20	22	7	8	2	3	2,352	4,704
Washington-----	-	2	22	27	-	1	-	1	-	-	387	536
Oregon-----	-	1	35	32	-	1	-	-	-	-	49	266
California-----	27	27	472	286	20	20	7	7	2	3	1,916	3,902
Alaska-----	-	-	2	7	-	-	-	-	-	-	13	7
Hawaii-----	-	4	44	12	-	3	-	1	-	-	36	385
Puerto Rico-----	2	16	13	355	1	16	1	-	-	-	17	150

<sup>1</sup>Includes cases not specified by type, category number 080.3.<sup>2</sup>Includes delayed cases with onset late in 1954.

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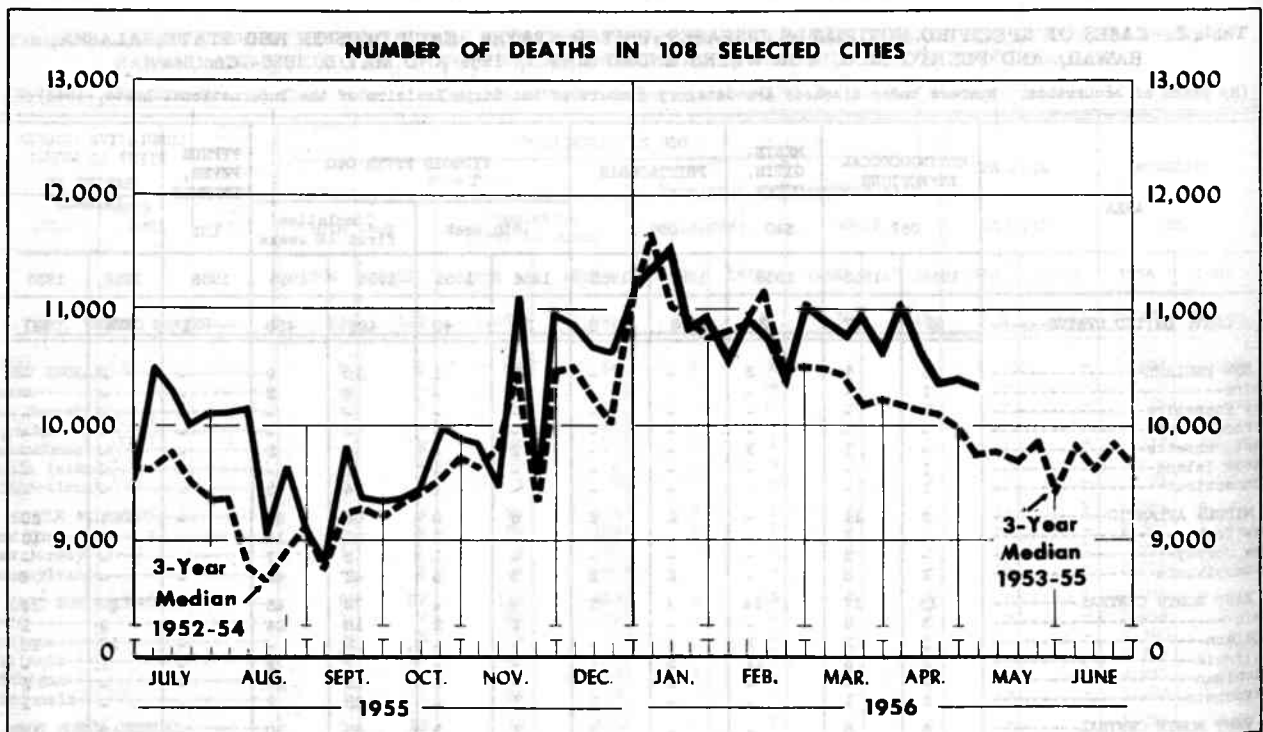
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 7, 1955 AND MAY 5, 1956—Continued**

(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		340	096.2		16th week		Cumulative first 18 weeks		101	1956	1955
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	52	77	28	8	8	32	40	496	458	1	104	127
NEW ENGLAND-----	3	1	3	-	-	2	1	18	9	-	-	-
Maine-----	1	-	-	-	-	-	-	9	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	3	-	-	2	-	4	5	-	-	-
Rhode Island-----	1	-	-	-	-	-	-	1	-	-	-	-
Connecticut-----	1	-	-	-	-	-	1	4	2	-	-	-
MIDDLE ATLANTIC-----	2	14	-	2	2	5	8	66	62	-	7	20
New York-----	-	7	-	-	-	-	2	21	13	-	7	12
New Jersey-----	-	2	-	-	-	-	1	3	7	-	-	-
Pennsylvania-----	2	5	-	2	2	5	5	42	42	-	-	8
EAST NORTH CENTRAL-----	13	17	14	4	3	3	4	72	45	-	20	14
Ohio-----	3	6	-	-	-	2	2	18	24	-	9	1
Indiana-----	3	2	2	-	-	-	-	9	-	-	10	10
Illinois-----	5	5	11	3	1	-	-	7	9	-	1	-
Michigan-----	-	3	1	1	-	-	2	13	10	-	-	2
Wisconsin-----	2	1	-	-	2	1	-	25	2	-	-	1
WEST NORTH CENTRAL-----	8	8	-	-	2	1	3	65	30	-	9	12
Minnesota-----	-	1	-	-	1	1	-	27	2	-	1	2
Iowa-----	-	2	-	-	1	-	-	10	8	-	3	6
Missouri-----	2	3	-	-	-	-	3	16	13	-	4	4
North Dakota-----	-	-	-	-	-	-	-	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	3	-	-	-
Nebraska-----	2	2	-	-	-	-	-	6	2	-	1	-
Kansas-----	4	-	-	-	-	-	-	-	2	-	-	-
SOUTH ATLANTIC-----	8	13	7	-	-	4	8	79	89	-	19	27
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	3
Maryland-----	1	1	2	-	-	-	2	4	3	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	9	3	-	-	-
Virginia-----	1	2	2	-	-	1	-	8	18	-	4	4
West Virginia-----	2	-	-	-	-	1	2	8	11	-	5	1
North Carolina-----	-	2	-	-	-	-	-	13	7	-	2	6
South Carolina-----	1	4	1	-	-	-	-	9	10	-	7	6
Georgia-----	2	2	1	-	-	2	3	16	21	-	1	2
Florida-----	1	2	-	-	-	-	-	11	16	-	-	-
EAST SOUTH CENTRAL-----	2	7	3	1	-	7	7	54	53	-	18	25
Kentucky-----	-	1	-	-	-	3	3	12	33	-	7	12
Tennessee-----	1	3	2	1	-	2	4	30	11	-	1	8
Alabama-----	1	1	-	-	-	-	-	3	8	-	9	2
Mississippi-----	-	2	1	-	-	2	-	9	1	-	1	3
WEST SOUTH CENTRAL-----	9	7	-	-	-	7	7	92	99	1	26	23
Arkansas-----	1	2	-	-	-	2	1	17	20	-	7	3
Louisiana-----	1	-	-	-	-	2	1	18	29	-	-	-
Oklahoma-----	-	1	-	-	-	1	2	17	13	-	-	-
Texas-----	7	4	-	-	-	2	3	40	37	1	19	20
MOUNTAIN-----	4	3	-	-	1	2	1	13	32	-	-	3
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	1	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	4	1	-	-	-	-	-	4	1	-	-	-
New Mexico-----	-	1	-	-	-	2	1	5	16	-	-	1
Arizona-----	-	1	-	-	-	-	-	2	9	-	-	2
Utah-----	-	-	-	-	-	-	-	-	2	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	7	1	1	-	1	1	37	39	-	5	3
Washington-----	-	-	-	1	-	-	-	-	1	-	-	-
Oregon-----	-	1	1	-	-	-	-	5	3	-	-	-
California-----	3	6	-	-	-	1	1	32	35	-	5	3
Alaska-----	2	-	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	18	23	-	-	-

<sup>a</sup>Includes delayed cases.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 108 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 year, 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 DIVISION

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

AREA	18th week ended May 5, 1956	17th week ended Apr. 28, 1956	18th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 18 WEEKS		
					1956	1955	Percent change
TOTAL: 107 REPORTING CITIES-----	10,000	10,140	9,422	+6.1	188,736	183,466	+2.9
New England----- (14 cities)	704	686	643	+9.5	12,922	13,269	-2.6
Middle Atlantic----- (17 cities)	3,059	3,074	2,905	+5.3	56,825	56,495	+0.6
East North Central----- (17 cities)	1,882	2,057	1,910	-1.5	36,468	34,939	+4.4
West North Central----- (9 cities)	783	734	702	+11.5	13,953	13,181	+5.9
South Atlantic----- (9 cities)	792	789	749	+5.7	15,100	14,108	+7.0
East South Central----- (8 cities)	459	450	420	+9.3	8,878	8,621	+3.0
West South Central----- (13 cities)	874	784	675	+29.5	15,635	14,653	+6.7
Mountain----- (8 cities)	235	245	220	+6.8	4,604	4,496	+2.4
Pacific----- (12 cities)	1,212	1,321	1,244	-2.6	24,351	23,704	+2.7

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 5, 1956  
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	18th week ended May 5, 1956	17th week ended Apr. 28, 1956	CUMULATIVE NUMBER FIRST 18 WEEKS		CITY	18th week ended May 5, 1956	17th week ended Apr. 28, 1956	CUMULATIVE NUMBER FIRST 18 WEEKS	
			1956	1955				1956	1955
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.	252	233	4,440	4,597	St. Louis, Mo.	228	223	4,542	4,019
Bridgeport, Conn.	43	29	668	704	St. Paul, Minn.	62	54	1,198	1,205
Cambridge, Mass.	28	30	579	542	Wichita, Kans.	49	39	747	689
Fall River, Mass.	30	25	528	546	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.	49	53	890	894	Atlanta, Ga.	115	103	2,051	1,882
Lovell, Mass.	30	22	456	451	Baltimore, Md.	227	195	4,297	4,205
Lynn, Mass.	27	25	395	455	Charlotte, N. C.	34	31	576	567
New Bedford, Mass.	27	22	451	455	Jacksonville, Fla.	(42)	(60)	(982)	(882)
New Haven, Conn.	40	39	896	838	Miami, Fla.	54	51	977	922
Providence, R. I.	44	66	1,162	1,247	Norfolk, Va.	18	24	606	602
Somerville, Mass.	15	23	305	308	Richmond, Va.	68	65	1,306	1,191
Springfield, Mass.	28	56	777	783	Savannah, Ga.	(45)	(31)	(537)	(525)
Waterbury, Conn.	24	29	466	462	Tampa, Fla.	73	52	1,136	1,048
Worcester, Mass.	67	34	909	987	Washington, D. C.	171	234	3,483	3,016
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.	32	34	668	675
Albany, N. Y.	50	54	937	872	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.	(23)	(48)	(689)	(698)	Birmingham, Ala.	66	67	1,421	1,448
Buffalo, N. Y.	136	148	2,610	2,528	Chattanooga, Tenn.	40	21	763	815
Camden, N. J.	35	50	727	685	Knoxville, Tenn.	30	19	664	620
Elizabeth, N. J.	24	45	547	522	Louisville, Ky.	106	130	2,010	2,001
Erie, Pa.	30	31	624	658	Memphis, Tenn.	98	84	1,864	1,787
Jersey City, N. J.	76	64	1,392	1,356	Mobile, Ala.	34	40	623	526
Newark, N. J.	113	98	1,832	1,927	Montgomery, Ala.	36	24	529	475
New York City, N. Y.	1,603	1,641	29,464	29,726	Nashville, Tenn.	49	65	1,004	949
Paterston, N. J.	30	35	675	729	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.	505	502	9,206	9,070	Austin, Tex.	32	19	546	467
Pittsburgh, Pa.	185	145	3,488	3,504	Baton Rouge, La.	22	19	399	399
Reading, Pa.	(23)	(31)	(425)	(420)	Corpus Christi, Tex.	17	25	341	324
Rochester, N. Y.	93	76	1,774	1,727	Dallas, Tex.	128	91	1,916	1,760
Schenectady, N. Y.	24	26	428	419	El Paso, Tex.	23	28	502	511
Scranton, Pa.	(33)	(42)	(637)	(627)	Fort Worth, Tex.	62	56	1,083	1,009
Syracuse, N. Y.	62	51	1,103	1,014	Houston, Tex.	150	131	2,468	2,363
Trenton, N. J.	49	41	844	867	Little Rock, Ark.	67	40	879	787
Utica, N. Y.	18	33	578	563	New Orleans, La.	156	166	3,101	2,775
Yonkers, N. Y.	26	34	596	528	Oklahoma City, Okla.	59	60	1,166	1,053
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.	72	68	1,561	1,618
Akron, Ohio	62	46	990	979	Shreveport, La.	54	43	849	746
Canton, Ohio	34	42	537	471	Tulsa, Okla.	32	38	824	841
Chicago, Ill.	708	798	13,915	13,287	<b>MOUNTAIN</b>				
Cincinnati, Ohio	133	168	2,925	2,753	Albuquerque, N. Mex.	17	16	418	449
Cleveland, Ohio	189	205	3,830	3,658	Colorado Springs, Colo.	14	6	248	255
Columbus, Ohio	96	115	2,044	2,004	Denver, Colo.	112	107	2,017	2,051
Dayton, Ohio	59	59	1,223	1,215	Ogden, Utah	11	15	230	194
Detroit, Mich.	---	(272)	---	(6,050)	Phoenix, Ariz.	32	32	512	457
Evansville, Ind.	31	38	648	567	Pueblo, Colo.	4	9	221	245
Flint, Mich.	46	40	696	655	Salt Lake City, Utah	41	51	854	756
Fort Wayne, Ind.	31	36	667	613	Tucson, Ariz.	4	9	104	89
Gary, Ind.	---	(32)	---	(501)	<b>PACIFIC</b>				
Grand Rapids, Mich.	45	46	781	763	Berkeley, Calif.	18	15	334	338
Indianapolis, Ind.	96	135	2,176	2,017	Long Beach, Calif.	50	65	979	922
Milwaukee, Wis.	130	121	2,277	2,243	Los Angeles, Calif.	412	449	8,992	8,532
Peoria, Ill.	34	35	509	531	Oakland, Calif.	92	78	1,736	1,649
South Bend, Ind.	31	30	457	445	Pasadena, Calif.	24	36	669	648
Toledo, Ohio	93	80	1,760	1,781	Portland, Oreg.	104	89	1,783	1,725
Youngstown, Ohio	64	63	1,033	957	Sacramento, Calif.	57	41	914	911
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.	56	116	1,385	1,423
Des Moines, Iowa	43	52	929	901	San Francisco, Calif.	187	207	3,708	3,581
Duluth, Minn.	42	25	484	464	Seattle, Wash.	134	141	2,334	2,452
Kansas City, Kans.	35	34	569	649	Spokane, Wash.	41	52	850	815
Kansas City, Mo.	116	119	1,997	1,999	Tacoma, Wash.	37	32	667	708
Minneapolis, Minn.	138	123	2,278	2,141	Honolulu, Hawaii	(36)	(59)	(665)	(665)
Omaha, Nebr.	70	65	1,209	1,114					

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

# Morbidity and Mortality Weekly Report

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

MORBIDITY RATE PER 100,000 PERSONS AT RISK	MORTALITY RATE PER 100,000 PERSONS AT RISK	PERCENTAGE OF POPULATION UNDER 15 YEARS OF AGE	PERCENTAGE OF POPULATION OVER 65 YEARS OF AGE	POPULATION IN THOUSANDS	TOTAL PERSONS AT RISK IN THOUSANDS	TITERS		OTHER VITAMIN D DEFICIENCY		SPECIFIC POLIO	TOTAL POLIO
						1958	1959	1958	1959		
10.0	4.0	15.0	15.0	100	100	1.0	1.0	1.0	1.0	1.0	1.0
11.0	4.5	15.5	15.5	110	110	1.1	1.1	1.1	1.1	1.1	1.1
12.0	5.0	16.0	16.0	120	120	1.2	1.2	1.2	1.2	1.2	1.2
13.0	5.5	16.5	16.5	130	130	1.3	1.3	1.3	1.3	1.3	1.3
14.0	6.0	17.0	17.0	140	140	1.4	1.4	1.4	1.4	1.4	1.4
15.0	6.5	17.5	17.5	150	150	1.5	1.5	1.5	1.5	1.5	1.5
16.0	7.0	18.0	18.0	160	160	1.6	1.6	1.6	1.6	1.6	1.6
17.0	7.5	18.5	18.5	170	170	1.7	1.7	1.7	1.7	1.7	1.7
18.0	8.0	19.0	19.0	180	180	1.8	1.8	1.8	1.8	1.8	1.8
19.0	8.5	19.5	19.5	190	190	1.9	1.9	1.9	1.9	1.9	1.9
20.0	9.0	20.0	20.0	200	200	2.0	2.0	2.0	2.0	2.0	2.0
21.0	9.5	20.5	20.5	210	210	2.1	2.1	2.1	2.1	2.1	2.1
22.0	10.0	21.0	21.0	220	220	2.2	2.2	2.2	2.2	2.2	2.2
23.0	10.5	21.5	21.5	230	230	2.3	2.3	2.3	2.3	2.3	2.3
24.0	11.0	22.0	22.0	240	240	2.4	2.4	2.4	2.4	2.4	2.4
25.0	11.5	22.5	22.5	250	250	2.5	2.5	2.5	2.5	2.5	2.5
26.0	12.0	23.0	23.0	260	260	2.6	2.6	2.6	2.6	2.6	2.6
27.0	12.5	23.5	23.5	270	270	2.7	2.7	2.7	2.7	2.7	2.7
28.0	13.0	24.0	24.0	280	280	2.8	2.8	2.8	2.8	2.8	2.8
29.0	13.5	24.5	24.5	290	290	2.9	2.9	2.9	2.9	2.9	2.9
30.0	14.0	25.0	25.0	300	300	3.0	3.0	3.0	3.0	3.0	3.0

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