

# Morbidity and Mortality

Weekly  
Report



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

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 May 19, 1956

A suspect case of botulism has been reported in Brooklyn, New York. The patient died 3 days after onset of symptoms. The vehicle of infection has not as yet been determined but an investigation is underway to find the source.

Of the 45 cases of infectious encephalitis reported this week, 17 were in California. While the total exceeds that of the previous week, there is no apparent increase in the incidence as yet. The usual seasonal increase in incidence begins about June 1.

The number of poliomyelitis cases reported for the current week, disease year, and calendar year are shown below.

	Current week		Disease year		Calendar year	
	1956	1955	1956	1955	1956	1955
Total -----	85	245	564	983	1,632	2,046
Paralytic -----	40	86	298	405	882	889
Nonparalytic--	36	94	181	314	466	604
Unspecified---	9	65	85	264	284	573

### EPIDEMIOLOGICAL REPORTS

#### Histoplasmosis

Dr. D. G. Gill, Alabama Department of Public Health, has supplied information on a case of illness first reported as atypical pneumonia. Complement fixation tests were negative for psittacosis and doubtful for histoplasmosis. However, a blood specimen taken later was positive for histoplasmosis in a dilution of 1:10. The patient died within a few days. Histoplasma capsulatum was demonstrated on the wet smear from the lung tissue and was confirmed by cultural and animal work. The patient's 2 children also showed by X-ray a lung involvement, and one of them gave a positive complement fixation reaction to histoplasmosis. Samples of soil to which the father and 2 children were exposed were demonstrated to have H. capsulatum.

#### Echinococcosis

Dr. D. G. Gill has given information about a case of echinococcosis which occurred in the northern part of Alabama. The complement fixation test on a blood specimen was positive for the disease in a dilution of 1:8. The patient came from Germany about 6 years ago. The local physician felt that the patient had on several occasions shown definite symptoms of the disease which was apparently now in a quiescent stage.

#### Psittacosis

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, has reported 2 cases of psittacosis, in a husband and wife. Both had chills and fever and were treated at home by the family physician. They appeared to have recovered after a week but became ill again about 7 days later and were hospitalized. Blood specimens collected 2 weeks apart showed a rise in titers for psittacosis—from 1:8 to 1:64 and from 1:64 to 1:128. The patients had been given a parakeet 6 days before the onset of their symptoms. The bird became ill immediately, was treated by a veterinarian, but died the following day. The bird was buried and was not available for laboratory examination. The local store where the bird was purchased has gone out of business but it was learned that the bird originated from a company in New York.

#### Chemical poisoning

Dr. D. G. Gill, Alabama Department of Public Health, has provided information about an outbreak of arsenical poisoning in an institution. An investigation revealed that liquid spray, used on peach trees, apparently blew on a field of cabbage. The cabbage was served raw after having, supposedly, been washed. Of 60 persons hospitalized, 5 were seriously ill and 1 had an intestinal hemorrhage. Urine examinations on all 60 were positive for arsenic, and there were an additional 10 to 15 persons with positive urine tests but who had no physical symptoms. Onset of symptoms was within 24 to 48 hours after eating the cabbage. It was stated that a similar occurrence last year affected a few persons in the institution.

#### Gastro-enteritis

Dr. J. L. Freitag, New York State Department of Health, has reported an outbreak of gastro-enteritis among 425 persons who attended a church dinner. Of these, approximately 190 became ill with abdominal cramps and diarrhea from 10 to 18 hours later. Stool specimens were obtained from 6 patients and specimens of all food items, including turkey the suspected vehicle, were collected. The laboratory report on each food and stool specimen was negative for enteric pathogens. The food for this dinner had been prepared by an undetermined number of women. It was reported that turkeys were mishandled by not being refrigerated but left at room temperature for 24 hours following the roasting. All persons interviewed who were ill had eaten turkey but each had not eaten identical other foods.

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 25 persons in a private residence. Of these, 10 became ill from 12 to 39 hours after eating cream puffs. The predominant symptoms were cramps and diarrhea. However, 3 patients had vomiting and 1 had fever. Bacteriological examination of samples of cream puffs and 2 other items, received from both the home and a local bakery, were negative for pathogens. Specimens collected from food handlers and 7 patients were also negative. It was stated that the cream puffs were purchased from a local bakery, taken home and immediately placed in a refrigerator. There was no indication of improper protection during the preparation of the cream puffs.

The Los Angeles City Health Department has reported an outbreak of gastro-enteritis among customers of a restaurant. Ten persons in 3 groups became ill with cramps and diarrhea from 10 to 15 hours after eating beef-dip sandwiches. None of this food was available for bacteriological examination. An investigation revealed certain conditions in the restaurant needed correction. The large "bain-marie" normally used to hold the pieces of beef after they came out of the oven was not in operating condition. The meat slicing machine had an accumulation of food particles. These are two conditions which may have had a relation to the outbreak.

Dr. W. R. Giedt, Washington State Department of Health, has given additional information on the outbreak of gastro-enteritis in an institution reported for the week ended May 5. The organism isolated from potato salad served at the institution was Staphylococcus albus.

An outbreak of gastro-enteritis involving 6 persons was reported in Louisiana. This outbreak was associated with ham,

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and hemolytic Staphylococcus aureus was isolated from a sample of it.

The California State Department of Public Health has reported 4 cases of gastro-enteritis following the ingestion of custard-filled chocolate eclairs. Coagulase-positive, gram-positive staphylococci were isolated from an eclair. The eclairs were purchased from one commercial bakery but they were

prepared in another. The custard filling (egg, milk, and corn starch) was made and then precooled at room temperature. It was recommended that the filling be placed in more shallow containers and that it not be allowed to precool at room temperature. Both bakeries were found to be clean and in orderly condition. No evidence of skin infection was found among employees of either.

**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	20th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 19, 1956	Ended May 21, 1955	Median 1951-55	First 20 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----	-	1	1	25	13	15	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	-	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	32	24	---	372	441	---	---	---	---	---
Diphtheria-----055	16	25	32	695	597	862	2,025	1,814	2,511	July 1
Encephalitis, infectious-----082	45	34	28	554	500	484	1,505	1,852	1,242	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	328	741	---	9,690	16,982	---	---	---	---	---
Malaria-----110-117	5	6	---	69	93	---	(1)	(1)	(1)	(1)
Measles-----085	33,308	21,359	23,837	410,359	401,737	401,737	439,457	456,206	456,206	Sept. 1
Meningococcal infections-----057	63	57	84	1,360	1,805	2,182	2,303	2,854	3,451	Sept. 1
Meningitis, other-----340	31	---	---	588	---	---	---	---	---	---
Polioymyelitis-----080	85	245	155	1,632	2,046	2,046	564	983	791	Apr. 1
Psittacosis-----096.2	16	4	---	169	137	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	3	3	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Typhoid fever-----040	42	26	33	571	524	596	258	217	209	Apr. 1
Typhus fever, endemic-----101	3	6	---	32	33	---	(1)	(1)	(1)	(1)
Rabies in animals-----	73	104	144	2,344	2,505	3,322	3,371	3,858	4,866	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 21, 1955 AND MAY 19, 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		20th week		Cumulative first 20 weeks		082		20th week		Cumulative first 20 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	32	24	16	25	695	597	45	34	328	741	9,690	16,982
NEW ENGLAND-----	5	3	-	-	5	16	-	1	10	54	622	1,559
Maine-----	-	-	-	-	-	-	-	-	2	10	146	152
New Hampshire-----	-	-	-	-	1	-	-	-	-	3	24	55
Vermont-----	3	-	-	-	-	1	-	-	1	1	90	112
Massachusetts-----	1	-	-	-	4	15	-	1	4	20	141	579
Rhode Island-----	-	-	-	-	-	-	-	-	3	5	72	216
Connecticut-----	1	3	-	-	-	-	-	-	-	15	149	445
MIDDLE ATLANTIC-----	-	-	1	-	28	27	14	12	80	159	2,052	4,315
New York-----	-	-	-	-	10	18	13	11	48	110	1,056	2,311
New Jersey-----	-	-	-	-	8	2	-	1	10	6	176	279
Pennsylvania-----	-	-	1	-	10	7	1	-	22	43	820	1,725
EAST NORTH CENTRAL-----	6	6	-	1	137	81	4	5	51	197	1,512	2,523
Ohio-----	-	-	-	-	12	22	-	-	13	21	374	421
Indiana-----	-	-	-	-	71	29	1	1	7	13	241	373
Illinois-----	3	3	-	-	3	3	1	1	10	126	364	666
Michigan-----	1	3	-	1	50	25	2	3	17	19	372	719
Wisconsin-----	2	-	-	-	1	2	-	-	4	18	161	344
WEST NORTH CENTRAL-----	6	8	-	3	75	79	2	1	28	80	852	2,263
Minnesota-----	2	3	-	1	24	27	-	-	10	25	249	786
Iowa-----	-	5	-	1	16	5	-	-	9	20	215	696
Missouri-----	3	-	-	1	8	7	-	-	-	15	45	254
North Dakota-----	-	-	-	-	-	-	-	1	-	-	73	130
South Dakota-----	1	-	-	-	1	29	-	-	3	3	109	222
Nebraska-----	-	-	-	-	24	10	-	-	6	-	72	48
Kansas-----	-	-	-	-	2	1	2	-	-	17	89	127
SOUTH ATLANTIC-----	2	1	9	7	138	155	3	2	22	63	567	1,480
Delaware-----	-	-	-	-	-	-	-	-	4	5	18	31
Maryland-----	-	-	-	-	-	3	-	-	1	14	53	181
District of Columbia-----	-	-	-	-	1	2	-	-	-	1	8	26
Virginia-----	-	1	-	-	20	11	1	1	8	30	243	662
West Virginia-----	-	-	-	-	4	10	-	-	1	1	25	172
North Carolina-----	-	-	1	1	17	23	-	-	3	6	52	178
South Carolina-----	-	-	2	3	27	32	1	1	1	-	27	32
Georgia-----	2	-	1	3	25	55	-	-	2	1	73	88
Florida-----	-	-	5	-	44	19	1	-	2	5	68	110
EAST SOUTH CENTRAL-----	5	1	2	4	95	83	1	4	27	24	845	853
Kentucky-----	1	-	1	3	5	19	1	-	10	6	256	139
Tennessee-----	2	-	-	-	17	15	-	4	10	3	392	361
Alabama-----	2	-	1	-	48	31	-	-	4	4	86	152
Mississippi-----	-	1	-	1	25	18	-	-	3	11	111	201
WEST SOUTH CENTRAL-----	3	2	4	6	176	126	4	1	29	41	723	838
Arkansas-----	1	-	-	-	17	7	-	-	1	5	72	117
Louisiana-----	1	1	-	-	17	18	-	-	3	6	41	56
Oklahoma-----	1	-	1	-	51	15	-	-	2	6	48	84
Texas-----	-	1	3	6	91	86	4	1	23	24	562	581
MOUNTAIN-----	1	-	-	1	14	6	-	2	17	45	985	1,296
Montana-----	-	-	-	-	-	2	-	-	2	7	263	158
Idaho-----	-	-	-	-	1	-	-	-	3	3	128	148
Wyoming-----	-	-	-	-	3	-	-	-	2	2	56	48
Colorado-----	-	-	-	-	3	-	-	-	4	7	204	255
New Mexico-----	-	-	-	-	1	-	-	-	2	4	87	241
Arizona-----	-	-	1	-	5	2	-	2	4	21	201	384
Utah-----	1	-	-	-	1	1	-	-	-	1	44	42
Nevada-----	-	-	-	-	-	1	-	-	-	-	2	20
PACIFIC-----	4	3	-	3	27	24	17	6	64	78	1,532	1,855
Washington-----	4	-	-	2	3	11	-	-	11	26	335	419
Oregon-----	-	2	-	-	8	-	-	-	6	22	286	536
California-----	-	1	-	1	16	13	17	6	47	30	911	900
Alaska-----	-	-	-	-	-	-	-	-	2	13	55	157
Hawaii-----	-	-	-	-	-	-	-	1	2	-	20	27
Puerto Rico-----	-	-	2	-	22	37	-	-	6	1	104	34

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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 21, 1955 AND MAY 19, 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	
	20th week		Cumulative first 20 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	85	245	1,632	2,046	40	86	36	94	5	6	33,308	21,359
NEW ENGLAND-----	4	1	45	37	1	-	3	-	-	-	315	2,316
Maine-----	-	-	8	3	-	-	-	-	-	-	9	158
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	40	47
Vermont-----	1	-	8	11	-	-	1	-	-	-	14	168
Massachusetts-----	1	-	20	11	-	-	1	-	-	-	106	852
Rhode Island-----	-	1	2	3	-	-	-	-	-	-	5	248
Connecticut-----	2	-	5	6	1	-	1	-	-	-	141	843
MIDDLE ATLANTIC-----	5	20	105	217	3	4	1	6	-	-	6,717	4,443
New York-----	4	10	76	131	2	4	1	6	-	-	2,614	1,550
New Jersey-----	1	-	10	26	1	-	-	-	-	-	1,088	2,042
Pennsylvania-----	-	10	19	60	-	-	-	-	-	-	3,015	851
EAST NORTH CENTRAL-----	8	25	129	218	3	5	3	4	-	1	9,794	5,657
Ohio-----	2	5	26	48	-	-	-	-	-	-	2,955	778
Indiana-----	-	2	8	22	-	-	-	1	-	-	1,227	144
Illinois-----	3	9	28	62	2	2	1	2	-	1	2,130	551
Michigan-----	3	5	39	64	1	3	2	-	-	-	1,953	551
Wisconsin-----	-	4	28	22	-	-	-	1	-	-	1,529	3,633
WEST NORTH CENTRAL-----	6	14	81	149	4	3	2	10	-	-	977	725
Minnesota-----	1	5	14	28	1	-	-	5	-	-	67	161
Iowa-----	2	4	21	33	1	1	1	2	-	-	298	180
Missouri-----	1	1	20	19	1	-	-	1	-	-	235	124
North Dakota-----	-	-	2	4	-	-	-	-	-	-	78	106
South Dakota-----	-	-	8	13	-	-	-	-	-	-	111	12
Nebraska-----	2	4	8	26	1	2	1	2	-	-	131	6
Kansas-----	-	-	8	26	-	-	-	-	-	-	57	136
SOUTH ATLANTIC-----	6	37	134	337	3	15	3	14	1	-	4,013	558
Delaware-----	-	3	1	10	-	3	-	-	-	-	63	2
Maryland-----	-	2	4	9	-	2	-	-	-	-	214	83
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	55	22
Virginia-----	1	5	6	19	-	1	1	4	-	-	1,379	163
West Virginia-----	2	3	10	19	1	1	1	1	-	-	622	110
North Carolina-----	-	2	27	39	-	-	-	2	-	-	356	41
South Carolina-----	-	4	11	20	-	3	-	1	1	-	581	21
Georgia-----	-	11	13	52	-	5	-	4	-	-	299	51
Florida-----	3	7	62	<sup>2</sup> 169	2	-	1	2	-	-	444	65
EAST SOUTH CENTRAL-----	3	7	72	101	2	2	1	5	-	-	3,196	429
Kentucky-----	1	2	25	38	1	1	-	1	-	-	1,072	43
Tennessee-----	2	-	14	15	1	-	-	1	-	-	1,230	212
Alabama-----	-	3	3	15	-	-	-	3	-	-	727	83
Mississippi-----	-	2	30	33	-	1	-	1	-	-	167	91
WEST SOUTH CENTRAL-----	32	56	393	365	15	23	11	24	4	2	4,319	1,780
Arkansas-----	1	4	13	24	-	2	1	2	-	-	461	93
Louisiana-----	5	10	71	70	5	7	-	3	1	-	31	11
Oklahoma-----	1	5	17	27	1	-	-	1	-	-	425	144
Texas-----	25	37	292	244	9	14	10	18	3	2	3,402	1,532
MOUNTAIN-----	2	37	95	173	1	9	1	9	-	-	1,555	1,095
Montana-----	-	2	6	15	-	2	-	-	-	-	353	68
Idaho-----	-	15	12	48	-	-	-	-	-	-	118	42
Wyoming-----	-	-	3	9	-	-	-	-	-	-	11	1
Colorado-----	1	12	10	32	-	6	1	6	-	-	653	223
New Mexico-----	1	1	6	8	1	1	-	-	-	-	202	260
Arizona-----	-	5	39	21	-	-	-	3	-	-	183	448
Utah-----	-	-	8	23	-	-	-	-	-	-	34	46
Nevada-----	-	2	11	17	-	-	-	-	-	-	1	7
PACIFIC-----	19	48	578	449	8	25	11	22	-	3	2,422	4,356
Washington-----	1	4	24	35	1	2	-	1	-	-	533	278
Oregon-----	-	4	38	43	-	2	-	2	-	1	141	254
California-----	18	40	516	371	7	21	11	19	-	2	1,748	3,824
Alaska-----	2	1	4	8	2	-	-	1	-	1	157	13
Hawaii-----	2	2	47	14	2	2	-	-	-	1	32	251
Puerto Rico-----	1	6	15	372	1	6	-	-	-	1	27	170

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

<sup>2</sup>Includes delayed cases with onset late in 1954.

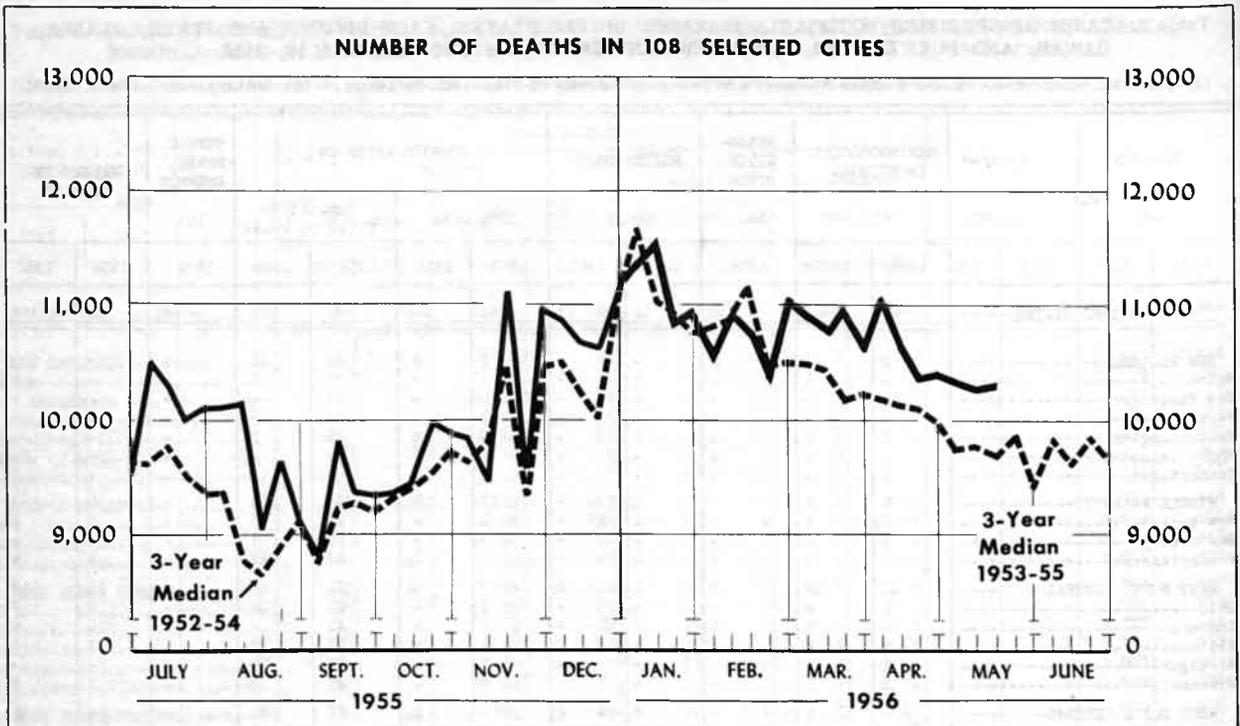
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 21, 1955 AND MAY 19, 1956—Continued

(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		20th week		Cumulative first 20 weeks		101	1956
	1956	1955	1956		1956	1955	1956	1955	1956	1955		
CONT. UNITED STATES-----	63	57	31	16	4	42	26	571	524	3	73	104
NEW ENGLAND-----	2	3	5	-	-	2	2	23	11	-	-	-
Maine-----	-	1	1	-	-	-	-	10	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	1	-	1	-	-	-	-
Massachusetts-----	1	1	1	-	-	-	2	6	7	-	-	-
Rhode Island-----	-	1	3	-	-	-	-	1	-	-	-	-
Connecticut-----	1	-	-	-	-	1	-	5	2	-	-	-
MIDDLE ATLANTIC-----	5	8	-	2	-	7	3	74	69	-	5	7
New York-----	2	4	-	1	-	2	-	23	13	-	2	3
New Jersey-----	2	1	-	-	-	-	-	3	7	-	-	-
Pennsylvania-----	1	3	-	1	-	5	3	48	49	-	3	4
EAST NORTH CENTRAL-----	11	16	9	1	2	7	-	89	49	-	11	16
Ohio-----	2	4	-	-	-	1	-	21	24	-	3	7
Indiana-----	-	2	2	-	-	-	-	11	-	-	6	4
Illinois-----	5	4	7	1	2	1	-	11	12	-	1	3
Michigan-----	2	3	-	-	-	3	-	18	10	-	-	-
Wisconsin-----	2	3	-	-	-	2	-	28	3	-	1	2
WEST NORTH CENTRAL-----	3	5	-	6	2	-	1	72	35	-	4	15
Minnesota-----	1	3	-	5	2	-	-	30	3	-	1	1
Iowa-----	-	1	-	-	-	-	1	10	10	-	-	9
Missouri-----	1	-	1	-	-	-	-	18	15	-	3	4
North Dakota-----	-	-	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	2	-	-	1
Kansas-----	1	1	-	-	-	-	-	-	2	-	-	-
SOUTH ATLANTIC-----	14	6	11	-	-	7	4	91	105	-	17	22
Delaware-----	1	1	1	-	-	-	-	1	-	-	2	-
Maryland-----	2	-	-	-	-	-	-	4	3	-	-	-
District of Columbia-----	-	-	1	-	-	-	-	9	3	-	-	-
Virginia-----	4	-	2	-	-	1	-	10	18	-	4	6
West Virginia-----	-	-	3	-	-	1	1	10	12	-	4	3
North Carolina-----	-	3	-	-	-	2	-	16	7	-	2	4
South Carolina-----	-	-	1	-	-	-	2	9	14	-	2	8
Georgia-----	1	1	3	-	-	-	1	18	24	-	2	1
Florida-----	7	1	-	-	-	3	-	14	24	-	1	-
EAST SOUTH CENTRAL-----	6	2	1	6	-	9	4	64	62	-	14	16
Kentucky-----	-	-	-	-	-	1	1	13	36	-	1	6
Tennessee-----	-	-	-	6	-	5	2	35	14	-	-	4
Alabama-----	6	2	-	-	-	1	-	4	10	-	12	5
Mississippi-----	-	-	1	-	-	2	1	12	2	-	1	1
WEST SOUTH CENTRAL-----	16	7	3	-	-	6	9	99	118	3	15	23
Arkansas-----	-	-	-	-	-	1	2	18	24	-	-	2
Louisiana-----	4	5	-	-	-	1	3	19	32	-	2	-
Oklahoma-----	-	-	3	-	-	-	2	17	19	-	-	-
Texas-----	12	2	-	-	-	4	2	45	43	3	13	21
MOUNTAIN-----	3	5	1	1	-	1	1	16	34	-	1	1
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	1	1	1	3	-	-	-
Colorado-----	2	4	-	1	-	-	-	4	1	-	-	-
New Mexico-----	-	1	1	-	-	-	-	7	16	-	-	1
Arizona-----	1	-	-	-	-	-	-	2	10	-	1	-
Utah-----	-	-	-	-	-	-	-	-	2	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	5	1	-	-	3	2	43	41	-	6	4
Washington-----	-	-	-	-	-	1	-	1	1	-	-	-
Oregon-----	-	1	1	-	-	-	-	5	4	-	-	-
California-----	3	4	-	-	-	2	1	37	36	-	6	4
Alaska-----	-	-	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	1	4	-	-	1	1	20	24	-	1	-

## 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 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 DIVISION

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

AREA	20th week ended May 19, 1956	19th week ended May 12, 1956	20th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 20 WEEKS		
					1956	1955	Percent change
TOTAL: 106 REPORTING CITIES-----	10,138	10,094	9,537	+6.3	211,437	205,246	+3.0
New England----- (14 cities)	675	737	651	+3.4	14,332	14,594	-1.8
Middle Atlantic----- (17 cities)	2,983	3,048	2,911	+2.5	62,856	62,187	+1.1
East North Central----- (17 cities)	2,155	2,085	2,011	+7.2	43,746	42,191	+3.7
West North Central----- (8 cities)	712	664	680	+4.7	14,760	13,807	+6.9
South Atlantic----- (9 cities)	794	754	734	+8.2	16,648	15,629	+6.5
East South Central----- (8 cities)	532	451	443	+20.1	9,861	9,519	+3.6
West South Central----- (13 cities)	783	778	738	+6.1	17,196	16,185	+6.2
Mountain----- (8 cities)	240	245	250	-4.0	5,089	4,964	+2.5
Pacific----- (12 cities)	1,266	1,332	1,168	+8.4	26,949	26,170	+3.0

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 19, 1956

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

CITY	20th week ended	19th week ended	CUMULATIVE NUMBER FIRST 20 WEEKS		CITY	20th week ended	19th week ended	CUMULATIVE NUMBER FIRST 20 WEEKS	
	May 19, 1956	May 12, 1956	1956	1955		May 19, 1956	May 12, 1956	1956	1955
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	247	252	4,939	5,019	St. Louis, Mo.-----	243	194	4,979	4,434
Bridgeport, Conn.-----	45	36	749	797	St. Paul, Minn.-----	72	70	1,340	1,318
Cambridge, Mass.-----	25	30	634	598	Wichita, Kans.-----	36	46	829	756
Fall River, Mass.-----	27	38	593	595	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	37	50	977	977	Atlanta, Ga.-----	125	95	2,271	2,102
Lowell, Mass.-----	20	36	512	502	Baltimore, Md.-----	217	221	4,729	4,627
Lynn, Mass.-----	20	19	434	498	Charlotte, N. C.-----	27	39	642	602
New Bedford, Mass.-----	17	17	485	498	Jacksonville, Fla.-----	(51)	(55)	(1,088)	(983)
New Haven, Conn.-----	47	34	977	931	Miami, Fla.-----	44	50	1,071	1,023
Providence, R. I.-----	42	75	1,279	1,367	Norfolk, Va.-----	26	40	672	674
Somerville, Mass.-----	17	19	341	336	Richmond, Va.-----	69	66	1,441	1,312
Springfield, Mass.-----	51	38	866	874	Savannah, Ga.-----	(27)	(26)	(590)	(583)
Waterbury, Conn.-----	38	26	530	515	Tampa, Fla.-----	60	65	1,259	1,162
Worcester, Mass.-----	40	67	1,016	1,087	Washington, D. C.-----	193	161	3,837	3,385
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	39	19	726	742
Albany, N. Y.-----	50	46	1,033	960	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.-----	(35)	(48)	(772)	(762)	Birmingham, Ala.-----	87	81	1,589	1,587
Buffalo, N. Y.-----	104	175	2,889	2,764	Chattanooga, Tenn.-----	39	61	863	902
Camden, N. J.-----	39	38	804	762	Knoxville, Tenn.-----	34	37	735	675
Elizabeth, N. J.-----	29	27	603	562	Louisville, Ky.-----	131	93	2,234	2,186
Erie, Pa.-----	37	33	694	734	Memphis, Tenn.-----	118	82	2,064	1,972
Jersey City, N. J.-----	66	50	1,508	1,495	Mobile, Ala.-----	33	18	674	598
Newark, N. J.-----	107	86	2,025	2,104	Montgomery, Ala.-----	36	29	594	539
New York City, N. Y.-----	1,578	1,563	32,605	32,702	Nashville, Tenn.-----	54	50	1,108	1,060
Paterson, N. J.-----	29	43	747	794	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.-----	481	502	10,189	10,040	Austin, Tex.-----	29	27	602	515
Pittsburgh, Pa.-----	189	176	3,853	3,634	Baton Rouge, La.-----	19	34	452	451
Reading, Pa.-----	(22)	(24)	(471)	(455)	Corpus Christi, Tex.-----	18	18	377	362
Rochester, N. Y.-----	81	106	1,961	1,905	Dallas, Tex.-----	107	88	2,111	1,955
Schenectady, N. Y.-----	24	17	469	462	El Paso, Tex.-----	23	22	547	566
Scranton, Pa.-----	(38)	(37)	(712)	(710)	Fort Worth, Tex.-----	51	50	1,184	1,106
Syracuse, N. Y.-----	63	69	1,235	1,109	Houston, Tex.-----	121	137	2,726	2,600
Trenton, N. J.-----	47	49	940	960	Little Rock, Ark.-----	55	34	968	895
Utica, N. Y.-----	34	42	654	616	New Orleans, La.-----	134	126	3,361	3,064
Yonkers, N. Y.-----	25	26	647	584	Oklahoma City, Okla.-----	61	54	1,281	1,147
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.-----	89	87	1,737	1,782
Akron, Ohio-----	47	50	1,087	1,089	Shreveport, La.-----	49	35	933	822
Canton, Ohio-----	21	33	591	529	Tulsa, Okla.-----	27	66	917	920
Chicago, Ill.-----	729	721	15,365	14,655	<b>MOUNTAIN</b>				
Cincinnati, Ohio-----	---	(148)	---	(3,041)	Albuquerque, N. Mex.-----	16	25	459	484
Cleveland, Ohio-----	213	214	4,257	4,049	Colorado Springs, Colo.-----	11	15	274	285
Columbus, Ohio-----	122	86	2,252	2,217	Denver, Colo.-----	108	109	2,234	2,273
Dayton, Ohio-----	68	61	1,352	1,341	Ogden, Utah-----	13	17	260	210
Detroit, Mich.-----	320	337	6,620	6,643	Phoenix, Ariz.-----	20	22	554	511
Evansville, Ind.-----	29	50	727	639	Pueblo, Colo.-----	18	7	246	270
Flint, Mich.-----	41	43	780	722	Salt Lake City, Utah-----	51	44	949	838
Fort Wayne, Ind.-----	48	27	742	677	Tucson, Ariz.-----	3	6	113	93
Gary, Ind.-----	(26)	---	---	(538)	<b>PACIFIC</b>				
Grand Rapids, Mich.-----	42	55	878	850	Berkeley, Calif.-----	18	22	374	372
Indianapolis, Ind.-----	149	85	2,410	2,208	Long Beach, Calif.-----	55	48	1,082	1,036
Milwaukee, Wis.-----	115	128	2,520	2,475	Los Angeles, Calif.-----	474	489	9,955	9,343
Peoria, Ill.-----	30	29	568	589	Oakland, Calif.-----	90	90	1,916	1,819
South Bend, Ind.-----	21	20	498	491	Pasadena, Calif.-----	33	39	741	715
Toledo, Ohio-----	97	99	1,965	1,965	Portland, Oreg.-----	97	74	1,954	1,948
Youngstown, Ohio-----	63	47	1,143	1,052	Sacramento, Calif.-----	53	38	1,005	1,022
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.-----	64	133	1,582	1,557
Des Moines, Iowa-----	50	62	1,041	1,003	San Francisco, Calif.-----	178	169	4,055	3,928
Luth, Minn.-----	26	33	543	517	Seattle, Wash.-----	116	123	2,573	2,731
Kansas City, Kans.-----	---	---	---	(711)	Spokane, Wash.-----	49	57	956	913
Kansas City, Mo.-----	113	101	2,211	2,205	Tacoma, Wash.-----	39	50	756	786
Minneapolis, Minn.-----	109	105	2,492	2,353	Honolulu, Hawaii-----	(23)	(36)	(724)	(749)
Omaha, Nebr.-----	63	53	1,325	1,221					

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

Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
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Week	Year	Number of cases	Number of deaths	Rate per 100,000	Rate per 100,000	Rate per 100,000	Rate per 100,000
1	1968	12,000	1,000	120	10	120	10
2	1968	11,500	950	115	9.5	115	9.5
3	1968	11,000	900	110	9.0	110	9.0
4	1968	10,500	850	105	8.5	105	8.5
5	1968	10,000	800	100	8.0	100	8.0
6	1968	9,500	750	95	7.5	95	7.5
7	1968	9,000	700	90	7.0	90	7.0
8	1968	8,500	650	85	6.5	85	6.5
9	1968	8,000	600	80	6.0	80	6.0
10	1968	7,500	550	75	5.5	75	5.5
11	1968	7,000	500	70	5.0	70	5.0
12	1968	6,500	450	65	4.5	65	4.5
13	1968	6,000	400	60	4.0	60	4.0
14	1968	5,500	350	55	3.5	55	3.5
15	1968	5,000	300	50	3.0	50	3.0
16	1968	4,500	250	45	2.5	45	2.5
17	1968	4,000	200	40	2.0	40	2.0
18	1968	3,500	150	35	1.5	35	1.5
19	1968	3,000	100	30	1.0	30	1.0
20	1968	2,500	50	25	0.5	25	0.5
21	1968	2,000	0	20	0.0	20	0.0
22	1968	1,500	0	15	0.0	15	0.0
23	1968	1,000	0	10	0.0	10	0.0
24	1968	500	0	5	0.0	5	0.0
25	1968	0	0	0	0.0	0	0.0