

# Morbidity and Mortality

Weekly  
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 29, 1958

During the first quarter of 1958 there has been an increase in the number of cases of infectious encephalitis, measles, meningococcal infections, and other types of meningitis reported. The increase in measles has been due in part to epidemic prevalence in some eastern States which have large populations.

The poliomyelitis disease year ended with the current week. The figures shown in Table 1 indicate that there was a reduction of 9,287 cases or 62.4 percent between 1957-58 and 1956-57. The reduction for paralytic cases was 68.7 percent. The reduction for paralytic cases by quarters was as follows: April to June 57.2 percent, July to September 75.2 percent, October to December 60.4 percent, and January to March 56.8 percent. The greatest reduction took place during the height of the poliomyelitis season, namely 75 percent. Although there has

been a decrease in the total number of paralytic cases there has been in general an increase in the proportion of paralytic to nonparalytic cases reported, as is illustrated by the following quarterly percentages of paralytic cases:

	1957-58	1956-57
April-June	40.1	51.5
July-September	27.7	40.5
October-December	55.3	44.9
January-March	55.3	52.1

The decrease in the proportion of nonparalytic and unspecified poliomyelitis cases reported might be ascribed in part to more caution in diagnosing nonparalytic poliomyelitis.

Continued on page 2

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

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	13th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 29, 1958	Ended Mar. 30, 1957	Median 1953-57	First 13 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	-	7	9	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	10	28	25	158	216	303	(1)	(1)	(1)	(1)
Diphtheria-----055	11	36	34	217	290	530	989	1,039	1,859	July 1
Encephalitis, infectious-----062	42	25	31	303	260	269	1,601	1,826	1,612	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	374	432	569	4,464	5,048	7,961	8,269	10,247	14,094	Sept. 1
Malaria-----110-117	2	2	4	12	18	45	(1)	(1)	(1)	(1)
Measles-----085	33,202	21,177	22,358	226,560	186,316	189,275	259,463	223,525	223,525	Sept. 1
Meningococcal infections-----057	58	51	101	842	726	1,255	1,799	1,457	2,277	Sept. 1
Meningitis, other-----340	38	27	---	2,672	421	---	---	---	---	---
Poliomyelitis-----080 <sup>1</sup>	15	31	68	219	526	1,151	5,587	14,874	35,930	Apr. 1
Paralytic-----080.0, 080.1	7	10	---	121	274	---	2,005	6,399	---	Apr. 1
Nonparalytic-----080.2	4	17	---	67	163	---	2,706	5,771	---	Apr. 1
Unspecified-----080.3	4	4	---	31	89	---	876	2,704	---	Apr. 1
Psittacosis-----096.2	4	5	7	35	58	58	(1)	(1)	(1)	(1)
Rabies in man-----094	3 <sup>1</sup>	-	-	2	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	10	21	21	178	257	312	1,198	1,704	2,195	Apr. 1
Typhus fever, endemic-----101	1	2	3	12	25	25	101	111	165	Apr. 1
Rabies in animals-----	134	103	145	1,267	1,335	1,617	2,082	2,299	2,982	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.

<sup>2</sup>Revised figure.

<sup>3</sup>Reported from South Carolina.

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

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## EPIDEMIOLOGICAL REPORTS

Rabies in Man

Dr. G. E. McDaniel, South Carolina State Board of Health, has forwarded information about a case of rabies in a 60-year-old woman who was bitten on the ring and middle fingers of the left hand by a wild fox in Clarendon County on February 7, 1958. The fox was killed and Negri bodies were found in the brain by the State laboratory. The wounds on the fingers were scrubbed with soap and water, painted with merthiolate and closed by 3 stitches. Rabies vaccine treatment was begun on February 8, and 14 doses had been given by February 21. Clinical symptoms of rabies appeared on March 1, and the patient died on March 4. Since the bite was on the fingers and could be adequately cleaned, the family physician had thought it not necessary to administer serum. There had been some fox rabies in the county in recent weeks.

Histoplasmosis

A report of a case of histoplasmosis in a 66-year-old woman has been received from Dr. Mason Romaine, Virginia Department of Health. The symptoms consisted of chest pain, headache, burning of the eyes, swollen neck glands, fever, and general malaise. Diagnosis was based on intradermal histoplasmin test. The patient has flowers growing indoors, and she had changed the dirt on these about a year ago. She obtains dirt for her flowers from the hopen which is near her chicken coop. She also has a small flower garden outdoors near her vegetable garden. In addition the patient has a parakeet, which was ill about 6 months ago with a "cold and snuffles." She had purchased another parakeet about 1½ years ago which had died within 2 weeks after she acquired it. Serologic tests for psittacosis are being performed.

Taeniasis

The Arizona State Department of Health has reported 4 cases of taeniasis. There were 3 cases of infestation with Taenia saginata among 2 women and 1 man, all in their 40's, who liked to eat "rare" beef. For 1 to 3 years they had noted vague abdominal discomfort, and this symptom disappeared following treatment which resulted in the expulsion of the worms. In most of the situations investigated the infection of the cattle has been attributed to migratory laborers, and the cattle have been slaughtered without U. S. Government supervision. A 4-year-old boy was found to be infested with Taenia solium after eating "fairly well-cooked sausage" on several occasions. The worm was removed with some difficulty, but the boy is now in good health.

Schistosomiasis

The Arizona State Health Department has also reported a case of Schistosoma japonicum in a 36-year-old woman, who had spent some time 2 years earlier in Japan with her husband who was in the U. S. Air Force. She had only recently become ill and is now under treatment.

Influenza

A very slight increase in the number of deaths from all causes was reported for the week ended March 29, in the 114 cities, 11,603 as compared with 11,575 for the previous week. The cities in the New England Division were the only group with deaths above the expected number. There was a decrease in the number of deaths from influenza and pneumonia in the 108 cities, 520 as compared with 602 for the previous week. The

numbers reported in the New England and East and West South Central Divisions were above the expected, which caused the total from influenza and pneumonia to remain above normal numbers for this season of the year.

The North Carolina Board of Health states that the influenza-like illness on Ocracoke Island has been under investigation by a field epidemiologist, Dr. Paul Glezen. Information to date indicates that from 70 to 85 percent of the persons contacted have been ill in the past 2 or 3 weeks. The illnesses have been characterized by fever, chills, cough, headache, back and leg pains, and occasionally nausea and vomiting. Throat washings and specimens of blood for laboratory study are being collected. The residents of the island apparently were not ill during the fall when influenza was epidemic.

Dr. Charlotte Silverman, Maryland State Department of Health, has reported an outbreak of influenza in a chronic disease hospital. Fifteen of the 215 employees and 25 of the 275 patients were ill between February 19 and 24, 1958. Among the sick employees, a high fever of 72 hours duration was noted, and after the temperature dropped to normal there was severe soreness throughout the body, weakness, and headache. Among the patients, onset was abrupt with high temperatures. Two deaths occurred after the outbreak. One of these patients had extensive bilateral bronchiectasis and the other had a history of bilateral hemiplegia with heart disease. Ages of the sick patients ranged from 50 to 70 years. Nineteen of the 25, including one of the fatal cases, had received influenza vaccine in October. Three doses of 0.1 cc. of monovalent vaccine had been administered. The diagnosis of influenza in the recent outbreak was confirmed by serologic tests.

Dr. Silverman also provided information on deaths from all causes and from influenza and pneumonia in Baltimore and the remainder of the State. The numbers were greater in November-December 1957 and in January-February 1958, than in January-February 1957, in those under 65 years of age as well as those 65 years and over. This was found for Baltimore and the remainder of the State.

The Vermont Department of Health has reported a new outbreak of influenza-like disease in several towns in Franklin County. It began in March, and 100 cases have been reported. In one home occupied by 6 adults and 6 children, all but 2 persons were ill at the same time. Muscular pains have predominated in some cases and respiratory symptoms in other cases in the community. Patients seem to be as ill as those during October and November but appear to have less weakness. An Asian strain of type A influenza virus has been isolated from 1 throat washing obtained in the outbreak.

The Washington State Department of Health reports the occurrence of a respiratory illness with myalgia, chills, fever, and headache among male patients on a ward of a mental institution. Older patients in the hospital have been vaccinated. Confirmation of a diagnosis of influenza has not been made. No recognized outbreak of influenza was observed in the fall of 1957.

The World Health Organization, Geneva, reports that a few scattered foci of influenza are still present in the Netherlands; and Asian strains of type A influenza continue to be isolated. A slightly increased incidence has been observed in one community that escaped infection in 1957. Three scattered fatal cases, 2 of which were due to staphylococcal pneumonia, were reported in February. Slight increases in influenza have been observed in Belgium, Indonesia, and Hong Kong.

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 30, 1957, AND MARCH 29, 1958**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		13th week		Cumulative first 13 weeks		082		13th week		Cumulative first 13 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	10	28	11	36	217	290	42	25	374	432	4,464	5,048
NEW ENGLAND-----	-	-	-	2	5	8	4	-	9	16	155	276
Maine-----	-	-	-	-	-	1	-	-	2	3	22	83
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	6
Vermont-----	-	-	-	-	-	-	-	-	1	2	5	51
Massachusetts-----	-	-	-	2	4	7	2	-	3	3	74	76
Rhode Island-----	-	-	-	-	-	-	-	2	1	-	20	22
Connecticut-----	-	-	-	-	1	-	-	-	2	8	33	38
MIDDLE ATLANTIC-----	-	-	1	10	22	23	8	6	40	55	470	672
New York-----	-	-	1	9	11	16	5	6	25	34	293	365
New Jersey-----	-	-	-	1	1	5	1	-	3	6	50	104
Pennsylvania-----	-	-	-	-	10	2	2	-	12	15	127	203
EAST NORTH CENTRAL-----	3	4	1	2	15	21	5	3	56	80	700	978
Ohio-----	-	-	-	-	5	4	1	1	15	6	214	251
Indiana-----	-	-	-	2	5	5	-	-	3	22	73	124
Illinois-----	3	2	1	-	1	-	-	-	11	21	147	216
Michigan-----	-	-	-	-	4	11	3	1	24	22	234	281
Wisconsin-----	-	2	-	-	-	1	1	1	3	9	32	106
WEST NORTH CENTRAL-----	4	14	2	-	18	28	-	-	43	37	357	343
Minnesota-----	1	2	1	-	1	18	-	-	2	15	42	116
Iowa-----	-	7	-	-	2	2	-	-	2	6	55	81
Missouri-----	2	1	-	-	9	-	-	-	8	12	62	69
North Dakota-----	-	3	-	-	1	1	-	-	7	2	50	49
South Dakota-----	-	-	1	-	1	4	-	-	2	-	3	12
Nebraska-----	-	-	-	-	4	1	-	-	-	1	14	10
Kansas-----	1	1	-	-	-	2	-	-	22	1	131	6
SOUTH ATLANTIC-----	2	2	4	4	62	84	5	2	30	28	334	356
Delaware-----	-	-	-	-	-	-	-	-	2	-	9	4
Maryland-----	-	-	1	-	2	1	-	1	4	3	31	38
District of Columbia-----	-	-	-	-	-	-	-	-	-	1	4	8
Virginia-----	1	-	-	-	9	2	-	-	8	11	88	139
West Virginia-----	-	-	-	-	2	1	-	-	2	2	66	34
North Carolina-----	1	-	3	3	11	14	1	1	1	2	18	30
South Carolina-----	-	-	-	1	7	16	3	-	10	-	23	10
Georgia-----	-	-	-	-	19	17	-	-	2	2	34	40
Florida-----	-	2	-	-	12	33	1	-	1	7	61	53
EAST SOUTH CENTRAL-----	-	2	-	5	17	42	1	2	42	55	392	758
Kentucky-----	-	1	-	-	1	9	-	1	26	26	204	296
Tennessee-----	-	1	-	1	5	4	-	-	10	22	107	326
Alabama-----	-	-	-	3	8	17	1	1	6	6	63	78
Mississippi-----	-	-	-	1	3	12	-	-	-	1	18	58
WEST SOUTH CENTRAL-----	-	3	2	12	47	69	-	1	43	42	354	335
Arkansas-----	-	-	2	1	8	5	-	-	11	-	30	29
Louisiana-----	-	-	-	2	4	2	-	-	-	2	5	20
Oklahoma-----	-	-	1	1	13	11	-	1	7	16	59	51
Texas-----	-	3	-	8	22	51	-	-	25	24	260	235
MOUNTAIN-----	-	3	1	1	29	10	1	2	44	46	954	464
Montana-----	-	3	-	-	14	2	-	2	1	6	85	55
Idaho-----	-	-	-	-	2	1	-	-	2	2	60	28
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	10
Colorado-----	-	-	-	-	5	1	-	-	5	4	64	67
New Mexico-----	-	-	1	1	5	4	1	-	20	32	139	166
Arizona-----	-	-	-	-	1	1	-	-	3	2	464	97
Utah-----	-	-	-	-	-	-	-	-	10	-	65	21
Nevada-----	-	-	-	-	-	-	-	-	3	-	73	20
PACIFIC-----	1	-	-	-	2	5	18	9	67	73	748	866
Washington-----	-	-	-	-	-	-	-	-	14	12	149	139
Oregon-----	-	-	-	-	1	1	-	-	11	12	83	183
California-----	1	-	-	-	1	4	18	9	42	49	516	544
Alaska-----	-	-	-	-	-	-	-	-	2	-	55	25
Hawaii-----	-	-	-	-	-	-	-	-	1	-	14	12
Puerto Rico-----	-	-	-	2	1 <sup>15</sup>	9	-	-	-	8	137	29

<sup>1</sup>Data exclude report from Puerto Rico for current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 30, 1957, AND MARCH 29, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>2</sup>				Paralytic		Nonparalytic		110-117		085	
	13th week		Cumulative first 13 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	15	31	219	526	7	10	4	17	2	2	33,202	21,177
NEW ENGLAND-----	1	-	5	4	1	-	-	-	-	-	2,806	1,026
Maine-----	-	-	2	1	-	-	-	-	-	-	153	284
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	227	19
Vermont-----	-	-	-	-	-	-	-	-	-	-	35	99
Massachusetts-----	-	-	1	1	-	-	-	-	-	-	1,590	217
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	224	41
Connecticut-----	1	-	2	2	1	-	-	-	-	-	577	366
MIDDLE ATLANTIC-----	-	1	10	19	-	1	-	-	-	-	4,934	3,036
New York-----	-	1	8	13	-	1	-	-	-	-	2,722	1,285
New Jersey-----	-	-	2	2	-	-	-	-	-	-	1,037	1,142
Pennsylvania-----	-	-	-	4	-	-	-	-	-	-	1,175	609
EAST NORTH CENTRAL-----	1	1	21	56	-	-	-	1	1	-	7,574	3,147
Ohio-----	-	-	4	10	-	-	-	-	-	-	1,426	247
Indiana-----	1	-	2	13	-	-	-	-	1	-	1,235	465
Illinois-----	-	-	4	7	-	-	-	-	-	-	843	385
Michigan-----	-	-	9	18	-	-	-	-	-	-	1,216	835
Wisconsin-----	-	1	2	8	-	-	-	1	-	-	2,854	1,215
WEST NORTH CENTRAL-----	-	4	7	52	-	-	-	1	-	-	533	1,562
Minnesota-----	-	-	1	2	-	-	-	-	-	-	43	599
Iowa-----	-	-	1	3	-	-	-	-	-	-	226	574
Missouri-----	-	-	2	14	-	-	-	-	-	-	83	254
North Dakota-----	-	-	1	-	-	-	-	-	-	-	146	86
South Dakota-----	-	-	1	2	-	-	-	-	-	-	2	18
Nebraska-----	-	3	1	20	-	-	-	1	-	-	33	31
Kansas-----	-	1	-	11	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	1	4	57	84	1	1	-	2	-	1	3,275	1,481
Delaware-----	-	-	1	1	-	-	-	-	-	-	22	7
Maryland-----	-	-	-	-	-	-	-	-	-	-	252	14
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	78	25
Virginia-----	-	3	1	8	-	1	-	2	-	-	942	170
West Virginia-----	-	-	3	4	-	-	-	-	-	-	343	80
North Carolina-----	-	-	20	10	-	-	-	-	-	-	346	165
South Carolina-----	-	-	2	22	-	-	-	-	-	-	506	136
Georgia-----	-	-	4	11	-	-	-	-	-	-	216	330
Florida-----	1	1	26	28	1	-	-	-	1	-	570	554
EAST SOUTH CENTRAL-----	1	3	21	34	1	2	-	1	-	-	3,349	2,253
Kentucky-----	-	-	12	2	-	-	-	-	-	-	1,382	955
Tennessee-----	1	-	4	8	1	-	-	-	-	-	1,385	671
Alabama-----	-	2	3	9	-	2	-	-	-	-	513	552
Mississippi-----	-	1	2	15	-	-	-	1	-	-	69	75
WEST SOUTH CENTRAL-----	3	6	32	119	1	3	1	3	1	1	6,390	2,392
Arkansas-----	-	-	3	6	-	-	-	-	-	-	239	30
Louisiana-----	-	2	6	22	-	1	-	1	-	-	12	38
Oklahoma-----	2	-	3	7	1	-	-	-	1	1	332	62
Texas-----	1	4	20	84	-	2	1	2	-	-	5,807	2,262
MOUNTAIN-----	4	1	18	41	2	-	1	1	-	-	1,895	1,713
Montana-----	-	-	-	2	-	-	-	-	-	-	280	93
Idaho-----	-	-	-	1	-	-	-	-	-	-	129	67
Wyoming-----	1	-	2	1	-	-	-	1	-	-	51	5
Colorado-----	3	1	3	7	2	-	-	1	-	-	351	109
New Mexico-----	-	-	10	3	-	-	-	-	-	-	497	285
Arizona-----	-	-	2	12	-	-	-	-	-	-	452	340
Utah-----	-	-	1	13	-	-	-	-	-	-	129	810
Nevada-----	-	-	-	2	-	-	-	-	-	-	6	4
PACIFIC-----	4	11	48	117	1	3	2	8	-	-	2,446	4,567
Washington-----	1	-	2	1	-	-	-	-	-	-	474	678
Oregon-----	-	-	6	12	-	-	-	-	-	-	419	486
California-----	3	11	40	104	1	3	2	8	-	-	1,553	3,403
Alaska-----	-	1	-	2	-	-	-	-	-	-	5	5
Hawaii-----	-	-	2	2	-	-	-	-	-	-	8	176
Puerto Rico-----	-	-	20	4	-	-	-	-	-	-	-	102

<sup>1</sup>Data exclude report from Puerto Rico for current week.

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

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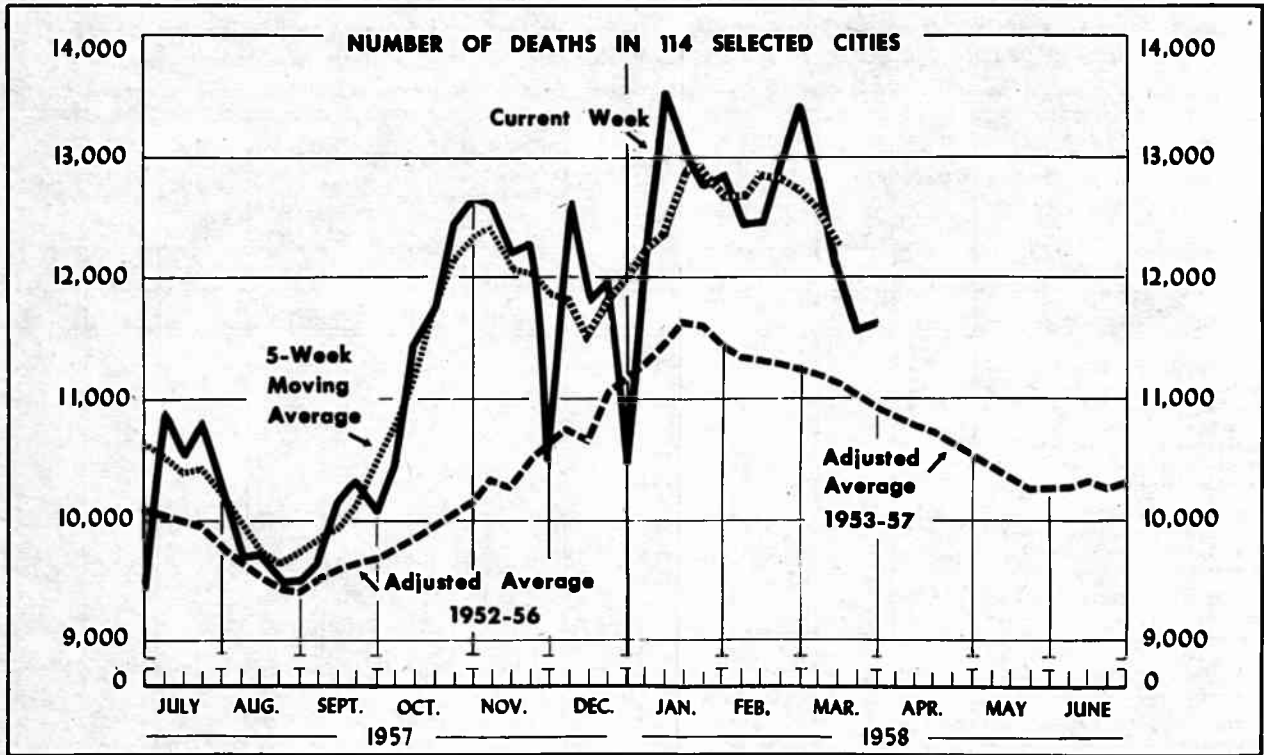
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 30, 1957, AND MARCH 29, 1958—Continued**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			340	096.2		13th week		Cumulative first 13 weeks		101	1958
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	58	51	38	4	5	10	21	178	257	1	134	103
NEW ENGLAND-----	4	3	2	1	-	1	1	2	11	-	-	-
Maine-----	1	1	-	-	-	1	-	1	1	-	-	-
New Hampshire-----	1	1	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	1	1	-	-	1	1	3	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	-	4	-	-	-
Connecticut-----	1	-	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	13	8	-	-	-	2	4	19	31	-	4	4
New York-----	6	5	-	-	-	1	3	5	13	-	1	3
New Jersey-----	1	2	-	-	-	1	1	7	9	-	-	-
Pennsylvania-----	6	1	-	-	-	-	-	7	9	-	3	1
EAST NORTH CENTRAL-----	13	11	3	1	1	1	1	19	28	-	26	12
Ohio-----	2	1	-	-	-	-	-	6	14	-	10	8
Indiana-----	2	2	-	-	-	-	-	5	6	-	8	2
Illinois-----	2	2	3	-	1	-	-	-	2	-	2	-
Michigan-----	7	4	-	-	-	1	-	4	5	-	4	2
Wisconsin-----	-	2	-	1	-	-	-	4	1	-	2	-
WEST NORTH CENTRAL-----	5	3	2	2	1	1	-	23	22	-	18	14
Minnesota-----	1	1	-	2	1	-	-	2	2	-	3	4
Iowa-----	-	-	1	-	-	-	-	4	5	-	8	6
Missouri-----	2	1	-	-	-	-	-	12	10	-	7	3
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	1	1	-	-	-	-	-	-	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	1
Kansas-----	1	-	1	-	-	1	-	4	2	-	-	-
SOUTH ATLANTIC-----	5	8	15	-	-	2	1	25	55	1	28	23
Delaware-----	-	-	1	-	-	-	-	-	-	-	-	-
Maryland-----	1	-	2	-	-	-	-	2	1	-	-	-
District of Columbia-----	1	1	1	-	-	-	-	1	3	-	-	-
Virginia-----	-	2	4	-	-	1	-	5	12	-	10	5
West Virginia-----	-	-	2	-	-	-	-	2	9	-	5	4
North Carolina-----	1	4	-	-	-	-	-	9	8	-	-	-
South Carolina-----	-	-	-	-	-	-	-	1	2	-	2	4
Georgia-----	-	1	2	-	-	-	-	5	5	1	7	2
Florida-----	2	-	3	-	-	1	1	5	15	-	4	8
EAST SOUTH CENTRAL-----	5	10	6	-	-	1	5	19	41	-	30	11
Kentucky-----	-	-	-	-	-	-	-	5	9	-	17	9
Tennessee-----	-	3	4	-	-	-	1	6	17	-	4	2
Alabama-----	4	7	-	-	-	1	1	7	3	-	8	-
Mississippi-----	1	-	2	-	-	-	3	1	12	-	1	-
WEST SOUTH CENTRAL-----	6	2	6	-	-	1	5	43	41	-	19	30
Arkansas-----	-	-	-	-	-	1	1	1	8	-	4	3
Louisiana-----	-	-	-	-	-	-	-	23	7	-	-	7
Oklahoma-----	2	1	1	-	-	-	-	1	6	-	-	3
Texas-----	4	1	5	-	-	-	4	18	20	-	15	17
MOUNTAIN-----	2	1	4	-	-	-	2	10	13	-	3	3
Montana-----	-	1	-	-	-	-	-	1	1	-	-	-
Idaho-----	-	-	1	-	-	-	-	3	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	1	-	-	-	-	-	2	-	-	-
New Mexico-----	1	-	-	-	-	-	-	5	6	-	2	1
Arizona-----	-	-	2	-	-	-	2	1	3	-	1	2
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	5	-	-	3	1	2	18	15	-	6	6
Washington-----	1	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	-	-	1	1	-	5	1	-	-	-
California-----	4	3	-	-	2	-	2	13	14	-	6	6
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	1	9	-	-	1

<sup>1</sup>Data exclude report from Puerto Rico for current week.

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



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified 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 and because of incomplete reporting due to holidays or vacations. 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 for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the 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	13th week ended Mar. 29, 1958	12th week ended Mar. 22, 1958	Adjusted average, 13th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 13 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	11,603	11,575	10,955	+5.9	163,795	147,456	+11.1
New England----- <sup>1</sup> (14 cities)	1,727	834	711	+2.3	<sup>1</sup> 10,220	9,799	+4.3
Middle Atlantic----- <sup>1</sup> (20 cities)	3,317	3,276	3,292	+0.8	47,977	42,743	+12.2
East North Central----- <sup>1</sup> (19 cities)	2,324	2,422	2,371	-2.0	34,957	31,505	+11.0
West North Central----- <sup>1</sup> (9 cities)	844	888	764	+10.5	11,583	10,359	+11.8
South Atlantic----- <sup>1</sup> (11 cities)	1,095	975	898	+21.9	14,534	12,523	+16.1
East South Central----- <sup>1</sup> (8 cities)	578	572	485	+19.2	7,865	6,531	+20.4
West South Central----- <sup>1</sup> (13 cities)	1,010	964	817	+23.6	13,911	12,333	+12.8
Mountain----- <sup>1</sup> (8 cities)	320	301	252	+27.0	4,121	3,599	+14.5
Pacific----- <sup>1</sup> (12 cities)	1,388	1,343	1,350	+2.8	18,627	18,064	+3.1

<sup>1</sup>Includes estimate for missing city.

# Morbidity and Mortality Weekly Report

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**Table 4. DEATHS IN SELECTED CITIES**

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

AREA	13th week ended Mar. 29, 1958	12th week ended Mar. 22, 1958	CUMULATIVE NUMBER FIRST 13 WEEKS		AREA	13th week ended Mar. 29, 1958	12th week ended Mar. 22, 1958	CUMULATIVE NUMBER FIRST 13 WEEKS	
			1958	1957				1958	1957
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	1232	309	13,523	3,351	St. Louis, Mo.-----	239	273	3,810	3,232
Bridgeport, Conn.-----	31	44	573	512	St. Paul, Minn.-----	80	90	1,068	885
Cambridge, Mass.-----	21	30	422	418	Wichita, Kans.-----	43	48	628	608
Fall River, Mass.-----	26	32	396	374	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	43	69	752	704	Atlanta, Ga.-----	111	118	1,595	1,539
Lowell, Mass.-----	20	44	389	363	Baltimore, Md.-----	308	240	3,782	3,268
Lynn, Mass.-----	22	21	282	289	Charlotte, N. C.-----	33	48	479	480
New Bedford, Mass.-----	24	30	367	372	Jacksonville, Fla.-----	69	58	956	746
New Haven, Conn.-----	67	48	676	627	Miami, Fla.-----	70	79	1,108	671
Providence, R. I.-----	81	66	953	861	Norfolk, Va.-----	42	33	528	490
Somerville, Mass.-----	14	18	191	185	Richmond, Va.-----	79	80	1,038	1,006
Springfield, Mass.-----	45	46	566	599	Savannah, Ga.-----	38	30	506	418
Waterbury, Conn.-----	29	23	384	353	St. Petersburg, Fla.-----	(70)	(75)	(1,084)	---
Worcester, Mass.-----	72	54	766	811	Tampa, Fla.-----	78	74	1,049	896
<b>MIDDLE ATLANTIC:</b>					Washington, D. C.-----	213	180	2,949	2,511
Albany, N. Y.-----	53	55	756	689	Wilmington, Del.-----	54	35	544	498
Allentown, Pa.-----	43	31	472	509	<b>EAST SOUTH CENTRAL:</b>				
Buffalo, N. Y.-----	159	144	2,253	1,977	Birmingham, Ala.-----	102	110	1,344	1,028
Camden, N. J.-----	35	52	630	535	Chattanooga, Tenn.-----	41	72	725	630
Elizabeth, N. J.-----	26	25	458	388	Knoxville, Tenn.-----	33	29	432	403
Eric, Pa.-----	39	30	489	468	Louisville, Ky.-----	140	103	1,633	1,470
Jersey City, N. J.-----	75	68	1,079	979	Memphis, Tenn.-----	124	115	1,719	1,406
Newark, N. J.-----	97	84	1,397	1,463	Mobile, Ala.-----	42	41	605	448
New York City, N. Y.-----	1,641	1,609	24,383	21,564	Montgomery, Ala.-----	38	26	534	308
Paterson, N. J.-----	34	27	619	535	Nashville, Tenn.-----	58	76	873	838
Philadelphia, Pa.-----	518	574	7,602	6,516	<b>WEST SOUTH CENTRAL:</b>				
Pittsburgh, Pa.-----	216	213	2,821	2,428	Austin, Tex.-----	36	37	482	414
Reading, Pa.-----	31	23	309	318	Baton Rouge, La.-----	30	17	432	356
Rochester, N. Y.-----	117	101	1,437	1,296	Corpus Christi, Tex.-----	19	25	307	258
Schenectady, N. Y.-----	22	20	335	292	Dallas, Tex.-----	116	130	1,702	1,506
Scranton, Pa.-----	53	35	483	522	El Paso, Tex.-----	35	42	541	391
Syracuse, N. Y.-----	61	55	859	773	Fort Worth, Tex.-----	70	58	882	823
Trenton, N. J.-----	46	63	737	641	Houston, Tex.-----	159	143	2,332	2,018
Utica, N. Y.-----	22	34	390	429	Little Rock, Ark.-----	50	74	741	751
Yonkers, N. Y.-----	29	33	468	421	New Orleans, La.-----	177	203	2,690	2,354
<b>EAST NORTH CENTRAL:</b>					Oklahoma City, Okla.-----	81	65	977	848
Akron, Ohio-----	62	46	826	722	San Antonio, Tex.-----	116	81	1,414	1,295
Canton, Ohio-----	43	15	414	422	Shreveport, La.-----	69	41	702	636
Chicago, Ill.-----	745	767	11,339	10,116	Tulsa, Okla.-----	52	48	709	683
Cincinnati, Ohio-----	162	178	2,391	2,119	<b>MOUNTAIN:</b>				
Cleveland, Ohio-----	207	208	3,027	2,849	Albuquerque, N. Mex.-----	23	29	363	321
Columbus, Ohio-----	117	112	1,658	1,501	Colorado Springs, Colo.-----	13	19	181	186
Dayton, Ohio-----	94	83	1,108	995	Denver, Colo.-----	131	118	1,632	1,502
Detroit, Mich.-----	293	318	4,622	4,406	Ogden, Utah-----	15	13	196	170
Evansville, Ind.-----	48	59	561	400	Phoenix, Ariz.-----	49	46	652	412
Flint, Mich.-----	34	28	532	512	Pueblo, Colo.-----	13	12	166	171
Fort Wayne, Ind.-----	32	48	529	472	Salt Lake City, Utah-----	52	40	623	556
Gary, Ind.-----	24	38	461	386	Tucson, Ariz.-----	24	24	308	281
Grand Rapids, Mich.-----	33	43	622	524	<b>PACIFIC:</b>				
Indianapolis, Ind.-----	130	142	1,773	1,620	Berkeley, Calif.-----	18	20	277	260
Madison, Wis.-----	(32)	(46)	---	(425)	Fresno, Calif.-----	(31)	(36)	(501)	---
Milwaukee, Wis.-----	110	125	1,999	1,717	Glendale, Calif.-----	(29)	(38)	(481)	---
Peoria, Ill.-----	32	40	485	387	Long Beach, Calif.-----	54	35	746	761
Rockford, Ill.-----	(25)	(26)	(380)	(319)	Los Angeles, Calif.-----	462	515	6,814	6,602
South Bend, Ind.-----	28	34	394	328	Oakland, Calif.-----	120	92	1,337	1,311
Toledo, Ohio-----	84	77	1,488	1,254	Pasadena, Calif.-----	42	38	496	505
Youngstown, Ohio-----	46	61	728	775	Portland, Oreg.-----	107	88	1,335	1,288
<b>WEST NORTH CENTRAL:</b>					Sacramento, Calif.-----	56	57	724	712
Des Moines, Iowa-----	60	57	762	720	San Diego, Calif.-----	115	70	1,148	1,092
Duluth, Minn.-----	20	36	342	349	San Francisco, Calif.-----	201	205	2,767	2,650
Kansas City, Kans.-----	28	34	412	418	San Jose, Calif.-----	(17)	(26)	(303)	---
Kansas City, Mo.-----	164	128	1,789	1,554	Seattle, Wash.-----	133	143	1,828	1,752
Lincoln, Nebr.-----	(22)	(15)	(345)	---	Spokane, Wash.-----	46	39	635	599
Minneapolis, Minn.-----	133	143	1,800	1,637	Tacoma, Wash.-----	34	41	520	532
Omaha, Nebr.-----	77	79	972	956	Honolulu, Hawaii-----	(49)	(42)	(512)	(542)

<sup>1</sup>Estimated.

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

## EPIDEMIOLOGICAL REPORTS—Continued

Salmonellosis

Dr. A. N. Washburn, Arkansas State Board of Health, has reported a case of Salmonella reading in a 2-year-old child. The presenting symptom was fever of 104° F. There was no response to 4 or 5 days of treatment with combined penicillin and streptomycin by injection. For about 1 month prior to the onset of fever the child had had intermittently large, mushy stools. The child was admitted to the hospital and treated with chloramphenicol with subsidence of symptoms. S. reading was recovered from his stools. This is the first S. reading to be isolated in Arkansas in over a year.

Gastro-enteritis

Dr. L. J. Taubenhaus, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis in 12 of 30 persons who ate seafood Newburg, Swedish meatballs, and cream puffs or eclairs from a hotel buffet. Symptoms of cramps and diarrhea developed from 8 to 12 hours after ingestion of the suspect foods and lasted about 1 day. All of those reporting symptoms had also been served alcoholic beverages. The only food available for examination was seafood Newburg from which Streptococcus faecalis was recovered. Stool cultures from 3 food handlers and a bartender were negative.

Staphylococcus food poisoning

Information has been received from the Orange County (California) Health Department of an outbreak of staphylococcus food poisoning in a cafe. Approximately 1 hour after eating potato salad and corned beef sandwiches 2 persons became ill with stomach cramps, vomiting, and diarrhea. One of them also had dizziness and chills. These symptoms lasted for about 12 hours. Hemolytic, coagulase-positive staphylococcus (1,300,000 per gram) was recovered from a specimen of corned beef. The corned beef had been boiled for 5 hours and then refrigerated, 2 days before it was sliced and served. After slicing it was placed on a steam table where it remained throughout the day. An employee stated that he had been ill with severe nausea and vomiting the night before the outbreak.

## QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

Africa.—Cameroons (French) (Supplement, p. 2) now requires yellow fever vaccination of all arrivals 1 year of age and over if staying more than 2 weeks. All other information remains the same.

Europe.—Channel Islands (Supplement, p. 17). Delete this item with its requirements and recommendations. Insert on Supplement page 17: "Guernsey, Alderney, and Sark.—No certificate normally required." Insert on Supplement page 18: "Jersey.—No certificate normally required."

## 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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