

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 May 10, 1958

It is possible that measles may have reached its peak in the week ended May 3. If the number of delayed reports of cases for one State (2,608) is subtracted from the total for the current week (42,754) the total would be 40,146 as compared with 41,864 for the week ended May 3. A preliminary report indicates that the 2 cases of botulism reported in Kentucky followed the ingestion of home-canned beans. Other unusual numbers of cases for the current week included 10 cases of brucellosis in Illinois and 11 cases of infectious encephalitis in Oregon.

ever reported in that city. In March 1958 a butcher was admitted to a hospital where the diagnosis was made on the basis of clinical symptoms and rising titers in Q fever complement fixation tests, acute serum showing no fixation, and convalescent sera having titers of 1:20, 1:320, and 1:640 over a 6-week span. Investigation of the place of employment revealed that most of the meat handled was obtained from local slaughter houses, but an occasional shipment was received from the Western States. Blood sera from 7 fellow employees were negative for Q fever antibodies.

EPIDEMIOLOGICAL REPORTS

Q fever

Information has been received from Dr. R. E. Farber, Baltimore City Health Department, of the first case of Q fever

Blastomycosis

Dr. Mason Romaine, Virginia Department of Health, has reported a case of North American blastomycosis in a 36-year-old man who has been a patient in mental hospitals for about 10

Continued on page 2

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

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

DISEASE	19th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 10, 1958	Ended May 11, 1957	Median 1953-57	First 19 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	1	10	12	(1)	(1)	(1)	(1)
Botulism-----049.1	2	-	-	2	-	5	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	21	22	23	258	346	433	(1)	(1)	(1)	(1)
Diphtheria-----055	5	10	22	290	381	679	1,062	1,130	2,009	July 1
Encephalitis, infectious-----082	42	44	33	520	468	468	1,818	2,034	1,727	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	303	385	671	6,463	7,051	12,595	10,268	12,250	18,668	Sept. 1
Malaria-----110-117	2	-	11	21	29	82	(1)	(1)	(1)	(1)
Measles-----085	^a 42,754	21,153	24,357	^a 461,082	312,669	365,175	^a 493,985	349,878	406,149	Sept. 1
Meningococcal infections-----057	60	52	73	1,151	1,070	1,740	2,108	1,801	2,762	Sept. 1
Meningitis, other-----340	28	37	---	^a 923	623	---	---	---	---	---
Poliomyelitis-----080	19	71	109	318	780	1,748	99	254	548	Apr. 1
Paralytic-----080.0,080.1	7	26	---	165	382	---	44	108	---	Apr. 1
Nonparalytic-----080.2	8	38	---	98	279	---	31	116	---	Apr. 1
Unspecified-----080.3	4	7	---	55	119	---	24	30	---	Apr. 1
Pittacosis-----096.2	3	6	6	53	104	104	(1)	(1)	(1)	(1)
Rabies in man-----094	-	1	-	2	2	2	(1)	(1)	(1)	(1)
Typhoid fever-----040	17	12	40	266	361	490	89	104	168	Apr. 1
Typhus fever, endemic-----101	2	2	2	16	33	33	4	8	10	Apr. 1
Rabies in animals-----	76	108	124	1,904	1,939	2,409	2,719	2,903	3,774	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Reported in Kentucky.

³Includes 2,608 delayed cases from Iowa.

⁴Revised figure.

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

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EPIDEMIOLOGICAL REPORTS—Continued

years. In November 1957 he was febrile and was found to be suffering from a small localized infected area on the dorsal aspect of the left foot and chronic arthritis of the left knee. Blood culture revealed no bacteria, and examination of fluid from the knee showed nothing of significance. In February 1958 the patient developed a diffuse psoriasiform pyoderma, which did not respond to local treatment. In March a biopsy of the lesion on the left foot showed North American Blastomyces. Blastomycin skin test was negative. A complement fixation test for North American Blastomyces was positive in a dilution of 1:64. In April the patient was given daily intravenous infusions of hydroxystilbamidine, and he also received large doses of potassium iodide. The patient is afebrile, and his general condition is good. To date there have been no undesirable side effects from the medications. Although the skin lesions appear to be improving, there are still many scattered elevated lesions with encrustation or thickening of the skin, varying in size from 1 cm. to 3 cm.

Acute glomerulonephritis

The North Carolina State Board of Health states that Dr. J. S. Chamblee, Nash County Health Director, has reported 3 cases of acute glomerulonephritis which followed respiratory infections. The patients attended the first and second grades of a school. Throat cultures were obtained from 30 first-grade children and 26 second-grade. Ten of the 30 first-grade children and 8 of the 26 second-grade children were found to be positive for beta hemolytic streptococci. Typing of the strains is under way.

Influenza

Dr. W. P. Glezen, North Carolina State Board of Health, has summarized the results of laboratory studies on specimens obtained during an outbreak of acute respiratory disease on Ocracoke Island. Acute and convalescent serum specimens from 10 patients were studied; 5 of the 10 showed a significant increase in antibody in the HI test using Asian strain of influenza virus. Another serum showed a high titer in both early and late specimens, but the patient from whom the serum was obtained had received vaccine and was convalescing when the first specimen was obtained. Four of the 10 specimens did not show antibody to the Asian strain of virus; 5 of the 10 paired sera showed a significant rise in titer in complement fixation tests to influenza A (PR8); and 8 of the 10 showed rises in titer to influenza A prime (FM1) complement fixing antigen, but none to

influenza B (Lee). Eight of the 10 showed a low level indicating infection at an earlier time. In combining the results of the HI test using the Asian strain and the CF test using A prime (FM1), 9 showed the production of a significant amount of antibody. Since efforts to isolate virus were not successful, it was concluded on the basis of serologic tests that the outbreak was most closely related to the influenza A prime type of infection.

Plague

Dr. Leo Kartman, San Francisco Field Station, Public Health Service, has reported as follows on a plague specimen. Pasteurella pestis has been isolated from Specimen 1418, a pool of 3 fleas, 1 male and 1 female of Orchopeas sexdentatus and 1 male of Thrassis acamantis howelli, removed from 1 Neotoma cinerea (wood rat) found dead April 18, 1958, on a ranch located 15 miles east of Klamath Falls, Oregon.

Staphylococcus food poisoning

Information has been received from Dr. S. B. Osgood, Oregon State Department of Health, of an outbreak of staphylococcus food poisoning among 3 of 5 persons known to have eaten a pie in a restaurant. The 3 persons became ill with nausea, vomiting, diarrhea, and prostration 3 to 4 hours after eating the suspected vehicle. The pie had been prepared in a bakery, and had been unrefrigerated for 4 hours before delivery to the restaurant where it was refrigerated until it was served. None of the suspect pie was available for examination, but samples of two pies baked at the same time revealed hemolytic, coagulase-positive Staphylococcus aureus.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Buncombe County Health Department Clinic, Court House, Asheville, North Carolina Tel. ALpine 2-7611	Monday-Friday 10 a.m. - 4 p.m.	Yes

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 MAY 11, 1957, AND MAY 10, 1958

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

AREA	BRUCELLIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIONOS 082		HEPATITIS, INFECTIONOS, AND SERUM 092, N998.5 pt.			
			19th week		Cumulative first 19 weeks				19th week		Cumulative first 19 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	21	22	5	10	290	381	42	44	303	385	6,463	7,051
NEW ENGLAND-----	-	-	-	1	5	12	3	1	11	19	216	374
Maine-----	-	-	-	1	-	2	-	-	2	5	36	112
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	7
Vermont-----	-	-	-	-	-	-	-	-	2	6	70	70
Massachusetts-----	-	-	-	-	4	10	3	1	7	5	94	100
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	33	33
Connecticut-----	-	-	-	-	1	-	-	-	1	6	46	52
MIDDLE ATLANTIC-----	-	1	-	3	30	34	9	10	40	58	714	980
New York-----	-	1	-	2	13	20	9	10	33	37	461	546
New Jersey-----	-	-	-	-	2	6	-	-	1	3	65	151
Pennsylvania-----	-	-	-	1	15	8	-	-	6	18	188	283
EAST NORTH CENTRAL-----	11	6	-	-	26	27	3	9	70	81	1,112	1,342
Ohio-----	1	-	-	-	6	5	-	1	33	13	350	333
Indiana-----	-	-	-	-	12	8	-	2	14	12	114	198
Illinois-----	10	5	-	-	3	-	2	3	11	25	296	284
Michigan-----	-	1	-	-	4	13	-	3	12	18	303	382
Wisconsin-----	-	-	-	-	1	1	1	-	-	13	49	145
WEST NORTH CENTRAL-----	4	12	-	-	30	35	4	-	26	25	582	450
Minnesota-----	1	3	-	-	2	20	-	-	4	9	64	155
Iowa-----	2	2	-	-	5	4	-	-	4	4	124	102
Missouri-----	1	3	-	-	12	1	-	-	-	5	89	88
North Dakota-----	-	1	-	-	1	1	-	-	2	3	87	60
South Dakota-----	-	-	-	-	3	4	1	-	-	-	3	23
Nebraska-----	-	2	-	-	7	2	3	-	-	1	41	11
Kansas-----	-	1	-	-	-	3	-	-	16	3	174	11
SOUTH ATLANTIC-----	-	1	4	2	75	111	1	3	24	25	444	521
Delaware-----	-	-	-	-	-	-	-	-	4	1	27	5
Maryland-----	-	-	1	-	3	1	-	-	2	1	44	60
District of Columbia-----	-	-	-	-	-	-	-	2	-	-	4	8
Virginia-----	-	1	-	-	12	5	-	-	5	18	110	213
West Virginia-----	-	-	-	1	2	2	-	-	5	-	79	42
North Carolina-----	-	-	-	-	12	16	1	-	1	-	21	40
South Carolina-----	-	-	-	-	7	18	-	1	2	-	32	11
Georgia-----	-	-	-	1	21	23	-	-	2	2	48	59
Florida-----	-	-	3	-	18	46	-	-	3	3	79	83
EAST SOUTH CENTRAL-----	2	1	1	2	22	55	1	3	27	51	581	1,007
Kentucky-----	-	-	-	-	1	11	-	3	12	38	291	438
Tennessee-----	2	1	-	-	5	5	1	-	12	7	161	388
Alabama-----	-	-	-	-	11	21	-	-	2	4	100	114
Mississippi-----	-	-	1	2	5	18	-	-	1	2	29	67
WEST SOUTH CENTRAL-----	1	-	-	2	64	89	1	-	19	27	492	496
Arkansas-----	-	-	-	-	11	6	-	-	-	2	45	41
Louisiana-----	-	-	-	-	6	8	-	-	-	1	5	28
Oklahoma-----	1	-	-	1	19	14	-	-	3	6	82	72
Texas-----	-	-	-	1	28	61	1	-	16	18	360	355
MOUNTAIN-----	1	-	-	-	35	12	3	-	40	29	1,175	659
Montana-----	-	-	-	-	15	2	1	-	12	1	149	89
Idaho-----	-	-	-	-	2	1	-	-	-	2	69	41
Wyoming-----	-	-	-	-	2	1	-	-	-	3	4	25
Colorado-----	-	-	-	-	5	1	-	-	5	5	97	95
New Mexico-----	-	-	-	-	9	6	-	-	10	16	181	249
Arizona-----	-	-	-	-	2	1	1	-	7	2	497	113
Utah-----	1	-	-	-	-	-	-	-	4	-	88	26
Nevada-----	-	-	-	-	-	-	1	-	2	-	90	21
PACIFIC-----	2	1	-	-	3	6	17	18	46	70	1,147	1,222
Washington-----	-	-	-	-	-	-	-	-	9	1	226	186
Oregon-----	1	-	-	-	1	2	11	-	-	23	131	262
California-----	1	1	-	-	2	4	6	18	37	46	790	774
Alaska-----	-	-	-	-	-	-	-	-	3	2	63	34
Hawaii-----	-	1	-	-	-	-	-	-	-	-	22	19
Puerto Rico-----	-	-	-	-	23	15	-	-	-	8	64	47

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 MAY 11, 1957, AND MAY 10, 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 ¹				Paralytic		Nonparalytic		110-117		085	
	19th week		Cumulative first 19 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	19	71	318	780	7	26	8	38	2	-	42,754	21,153
NEW ENGLAND-----	-	3	6	8	-	1	-	2	-	-	3,077	1,322
Maine-----	-	-	2	1	-	-	-	-	-	-	212	143
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	60	9
Vermont-----	-	1	-	1	-	1	-	-	-	-	40	75
Massachusetts-----	-	1	1	2	-	-	-	1	-	-	1,767	429
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	196	73
Connecticut-----	-	1	3	4	-	-	-	1	-	-	802	593
MIDDLE ATLANTIC-----	1	3	14	26	-	-	-	1	-	-	6,353	4,809
New York-----	-	1	11	17	-	-	-	1	-	-	2,894	2,087
New Jersey-----	1	-	3	2	-	-	-	-	-	-	1,355	1,854
Pennsylvania-----	-	2	-	7	-	-	-	-	-	-	2,104	868
EAST NORTH CENTRAL-----	-	2	27	78	-	1	-	-	1	-	11,128	3,983
Ohio-----	-	1	5	15	-	-	-	-	-	-	1,639	481
Indiana-----	-	-	2	19	-	-	-	-	1	-	1,473	469
Illinois-----	-	-	4	9	-	-	-	-	-	-	1,376	509
Michigan-----	-	-	12	23	-	-	-	-	-	-	2,361	740
Wisconsin-----	-	1	4	12	-	1	-	-	-	-	4,279	1,784
WEST NORTH CENTRAL-----	-	5	14	66	-	2	-	3	-	-	3,513	1,255
Minnesota-----	-	1	1	3	-	1	-	-	-	-	86	365
Iowa-----	-	-	3	4	-	-	-	-	-	-	2,909	706
Missouri-----	-	2	2	18	-	1	-	1	-	-	214	115
North Dakota-----	-	-	2	1	-	-	-	-	-	-	237	60
South Dakota-----	-	-	3	2	-	-	-	-	-	-	11	4
Nebraska-----	-	1	2	24	-	-	-	1	-	-	56	4
Kansas-----	-	1	1	14	-	-	-	1	-	-	(*)	1
SOUTH ATLANTIC-----	-	6	74	111	-	1	-	4	-	-	4,864	1,192
Delaware-----	-	-	1	1	-	-	-	-	-	-	12	14
Maryland-----	-	-	-	-	-	-	-	-	-	-	213	64
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	62	38
Virginia-----	-	1	3	13	-	-	-	1	-	-	1,423	241
West Virginia-----	-	-	6	4	-	-	-	-	-	-	674	75
North Carolina-----	-	-	20	14	-	-	-	-	-	-	218	31
South Carolina-----	-	-	3	23	-	-	-	-	-	-	927	408
Georgia-----	-	-	6	17	-	-	-	-	-	-	646	217
Florida-----	-	5	35	39	-	1	-	3	-	-	689	104
EAST SOUTH CENTRAL-----	4	3	34	51	-	2	1	-	-	-	2,753	1,455
Kentucky-----	-	1	16	5	-	1	-	-	-	-	729	455
Tennessee-----	1	-	6	14	-	-	1	-	-	-	1,270	525
Alabama-----	-	-	5	12	-	-	-	-	-	-	699	456
Mississippi-----	3	2	7	20	-	1	-	-	-	-	55	19
WEST SOUTH CENTRAL-----	5	24	56	191	4	10	1	14	-	-	5,452	1,724
Arkansas-----	-	1	4	10	-	-	-	1	-	-	96	28
Louisiana-----	-	8	7	39	-	2	-	6	-	-	8	48
Oklahoma-----	-	-	4	7	-	-	-	-	-	-	402	60
Texas-----	5	15	41	135	4	8	1	7	-	-	4,946	1,588
MOUNTAIN-----	4	7	27	63	1	4	3	1	-	-	2,654	1,426
Montana-----	-	-	2	3	-	-	-	-	-	-	341	85
Idaho-----	-	1	-	3	-	-	-	-	-	-	160	155
Wyoming-----	-	3	2	4	-	2	-	1	-	-	251	6
Colorado-----	1	-	6	9	-	-	1	-	-	-	619	124
New Mexico-----	-	2	10	6	-	1	-	-	-	-	378	244
Arizona-----	3	1	5	21	1	1	2	-	-	-	780	331
Utah-----	-	-	1	15	-	-	-	-	-	-	122	477
Nevada-----	-	-	1	2	-	-	-	-	-	-	3	4
PACIFIC-----	5	18	66	186	2	5	3	13	1	-	2,960	3,987
Washington-----	-	-	6	2	-	-	-	-	-	-	494	1,004
Oregon-----	-	-	6	17	-	-	-	-	-	-	317	798
California-----	5	18	54	167	2	5	3	13	1	-	2,149	2,185
Alaska-----	-	-	1	2	-	-	-	-	-	-	4	9
Hawaii-----	-	-	4	2	-	-	-	-	-	-	30	84
Puerto Rico-----	3	-	28	4	3	-	-	-	-	-	60	87

¹Includes cases not specified by type, category number 080.3.²Includes delayed cases.

Morbidity and Mortality Weekly Report

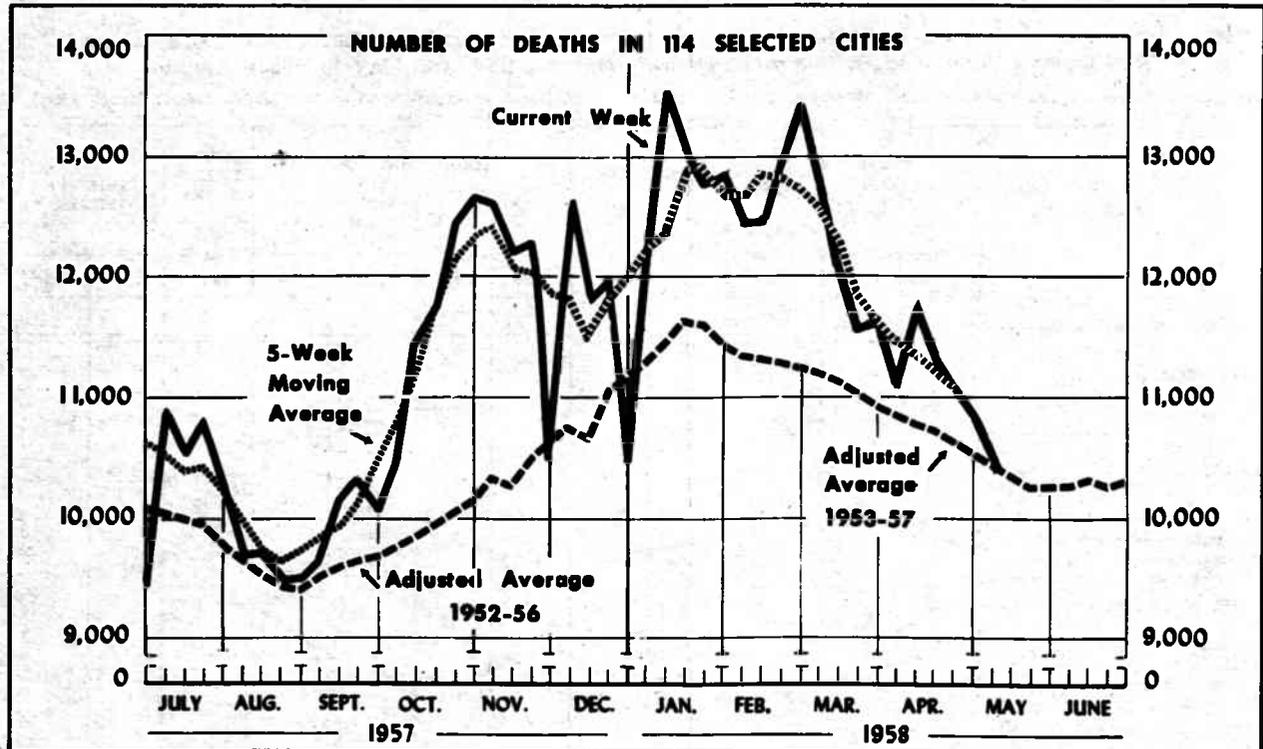
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 11, 1957, AND MAY 10, 1958—Continued

(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	
			340	096.2		19th week		Cumulative first 19 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	60	52	28	3	6	17	12	266	361	2	76	108
NEW ENGLAND-----	7	7	4	-	-	1	-	3	11	-	-	-
Maine-----	-	-	1	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	4	2	-	-	1	-	2	3	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	-	4	-	-	-
Connecticut-----	5	2	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	10	6	-	-	1	5	1	30	39	-	7	3
New York-----	2	2	-	-	-	1	-	9	16	-	5	3
New Jersey-----	4	-	-	-	-	1	1	8	13	-	-	-
Pennsylvania-----	4	4	-	-	1	3	-	13	10	-	2	-
EAST NORTH CENTRAL-----	12	13	4	1	2	-	1	22	40	-	16	16
Ohio-----	4	3	-	1	-	-	1	7	18	-	-	12
Indiana-----	-	1	2	-	2	-	-	6	10	-	5	1
Illinois-----	5	4	2	-	-	-	-	1	4	-	-	-
Michigan-----	3	4	-	-	-	-	-	4	6	-	4	-
Wisconsin-----	-	1	-	-	-	-	-	4	2	-	7	3
WEST NORTH CENTRAL-----	1	4	-	1	1	-	1	28	30	-	19	28
Minnesota-----	1	1	-	1	1	-	-	2	3	-	10	10
Iowa-----	-	1	-	-	-	-	-	4	7	-	6	10
Missouri-----	-	2	-	-	-	-	1	14	12	-	1	5
North Dakota-----	-	-	-	-	-	-	-	-	1	-	2	-
South Dakota-----	-	-	-	-	-	-	-	1	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	3
Kansas-----	-	-	-	-	-	-	-	6	4	-	-	-
SOUTH ATLANTIC-----	9	6	7	-	-	1	2	47	76	-	11	28
Delaware-----	-	-	-	-	-	-	1	-	1	-	-	-
Maryland-----	2	1	-	-	-	-	-	2	2	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	2	5	-	-	-
Virginia-----	3	1	3	-	-	-	-	6	13	-	3	9
West Virginia-----	1	-	1	-	-	-	-	7	12	-	2	4
North Carolina-----	2	1	-	-	-	-	-	10	8	-	1	2
South Carolina-----	1	2	1	-	-	1	-	3	4	-	3	11
Georgia-----	-	-	2	-	-	-	1	7	12	-	-	1
Florida-----	-	1	-	-	-	-	-	10	19	-	2	1
EAST SOUTH CENTRAL-----	6	7	5	-	1	6	2	29	58	-	8	9
Kentucky-----	2	1	2	-	-	1	1	7	19	-	4	4
Tennessee-----	-	-	2	-	1	-	-	7	23	-	2	1
Alabama-----	3	6	-	-	-	-	-	8	3	-	2	4
Mississippi-----	1	-	1	-	-	5	1	7	13	-	-	-
WEST SOUTH CENTRAL-----	5	4	3	-	-	2	5	68	67	2	9	21
Arkansas-----	-	1	-	-	-	-	1	2	12	-	-	2
Louisiana-----	3	2	-	-	-	1	1	37	15	-	-	4
Oklahoma-----	-	1	-	-	-	-	-	4	7	-	1	6
Texas-----	2	-	3	-	-	1	3	25	35	2	8	9
MOUNTAIN-----	1	2	3	-	1	2	-	14	18	-	2	-
Montana-----	-	1	-	-	-	-	-	2	1	-	-	-
Idaho-----	-	1	-	-	-	-	-	4	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	1	-	-	-
Colorado-----	1	-	3	-	1	-	-	-	4	-	-	-
New Mexico-----	-	-	-	-	-	2	-	7	6	-	-	-
Arizona-----	-	-	-	-	-	-	-	1	5	-	2	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	9	3	2	1	-	-	-	25	22	-	4	3
Washington-----	2	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	1	2	2	-	-	-	-	5	3	-	-	-
California-----	6	1	-	1	-	-	-	20	19	-	4	3
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	1	-	-	-	-	-	-	10	11	-	-	-

Symbols.—1 dash [-]: no cases reported; asterik [*]: disease not notifiable.

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, 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	19th week ended May 10, 1958	18th week ended May 3, 1958	Adjusted average, 19th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 19 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,432	10,837	10,462	-0.3	230,219	212,173	+8.5
New England----- (14 cities)	704	699	693	+1.6	14,532	14,015	+3.7
Middle Atlantic----- (20 cities)	2,989	3,157	3,133	-4.6	66,996	61,749	+8.5
East North Central----- (19 cities)	2,235	2,274	2,297	-2.7	48,997	45,447	+7.8
West North Central----- (9 cities)	724	788	748	-3.2	16,256	14,985	+8.5
South Atlantic----- (11 cities)	902	916	863	+4.5	20,372	17,941	+13.5
East South Central----- (8 cities)	476	512	458	+3.9	10,952	9,445	+16.0
West South Central----- (13 cities)	795	929	775	+2.6	19,324	17,535	+10.2
Mountain----- (8 cities)	301	266	243	+23.9	5,911	5,236	+12.9
Pacific----- (12 cities)	1,306	1,296	1,275	+2.4	26,879	25,822	+4.1

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

AREA	19th week ended May 10, 1958	18th week ended May 3, 1958	CUMULATIVE NUMBER FIRST 19 WEEKS		AREA	19th week ended May 10, 1958	18th week ended May 3, 1958	CUMULATIVE NUMBER FIRST 19 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	235	263	5,023	4,784	St. Louis, Mo.-----	217	232	5,210	4,647
Bridgeport, Conn.-----	50	36	816	729	St. Paul, Minn.-----	82	77	1,541	1,329
Cambridge, Mass.-----	29	19	582	605	Wichita, Kans.-----	33	49	887	863.
Fall River, Mass.-----	23	37	569	538	SOUTH ATLANTIC:				
Hartford, Conn.-----	57	43	1,044	990	Atlanta, Ga.-----	97	98	2,290	2,163
Lovell, Mass.-----	27	20	549	533	Baltimore, Md.-----	227	235	5,229	4,696
Lynn, Mass.-----	22	19	422	423	Charlotte, N. C.-----	36	27	709	675
New Bedford, Mass.-----	26	20	499	519	Jacksonville, Fla.-----	65	58	1,282	1,057
New Haven, Conn.-----	46	46	969	924	Miami, Fla.-----	72	69	1,560	967
Providence, R. I.-----	57	50	1,317	1,243	Norfolk, Va.-----	38	26	760	725
Somerville, Mass.-----	11	10	278	274	Richmond, Va.-----	60	92	1,544	1,464
Springfield, Mass.-----	45	52	829	838	Savannah, Ga.-----	30	28	690	560
Waterbury, Conn.-----	26	37	556	486	St. Petersburg, Fla.-----	(70)	(71)	(1,496)	---
Worcester, Mass.-----	50	47	1,079	1,129	Tampa, Fla.-----	63	66	1,491	1,297
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	45	53	1,040	985	Birmingham, Ala.-----	70	88	1,867	1,507
Allentown, Pa.-----	31	35	684	741	Chattanooga, Tenn.-----	29	47	1,001	925
Buffalo, N. Y.-----	112	149	3,111	2,851	Knoxville, Tenn.-----	20	23	589	593
Camden, N. J.-----	33	41	898	764	Louisville, Ky.-----	105	115	2,317	2,093
Elizabeth, N. J.-----	27	33	617	559	Memphis, Tenn.-----	103	123	2,383	2,087
Erie, Pa.-----	41	43	701	673	Mobile, Ala.-----	35	35	835	663
Jersey City, N. J.-----	67	68	1,489	1,352	Montgomery, Ala.-----	47	30	737	418
Newark, N. J.-----	86	102	1,974	2,100	Nashville, Tenn.-----	67	51	1,225	1,157
New York City, N. Y.-----	1,506	1,577	35,942	31,107	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	40	37	872	779	Austin, Tex.-----	25	27	663	585
Philadelphia, Pa.-----	494	480	10,541	9,591	Baton Rouge, La.-----	24	26	592	525
Pittsburgh, Pa.-----	179	211	3,995	3,512	Corpus Christi, Tex.-----	21	21	430	396
Reading, Pa.-----	20	27	441	447	Dallas, Tex.-----	109	106	2,330	2,150
Rochester, N. Y.-----	94	99	2,076	1,838	El Paso, Tex.-----	32	26	761	562
Schenectady, N. Y.-----	17	19	472	436	Fort Worth, Tex.-----	47	72	1,244	1,185
Scranton, Pa.-----	39	31	724	746	Houston, Tex.-----	131	158	3,229	2,894
Syracuse, N. Y.-----	68	55	1,224	1,125	Little Rock, Ark.-----	17	68	1,076	1,029
Trenton, N. J.-----	39	43	1,019	876	New Orleans, La.-----	156	163	3,693	3,286
Utica, N. Y.-----	25	33	551	660	Oklahoma City, Okla.-----	54	82	1,382	1,189
Yonkers, N. Y.-----	26	21	625	607	San Antonio, Tex.-----	81	89	1,944	1,834
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	54	50	1,187	1,030	Albuquerque, N. Mex.-----	41	26	557	493
Canton, Ohio-----	33	39	597	607	Colorado Springs, Colo.-----	11	15	274	270
Chicago, Ill.-----	674	705	15,660	14,622	Denver, Colo.-----	107	103	2,289	2,188
Cincinnati, Ohio-----	157	143	3,363	3,031	Ogden, Utah-----	14	11	280	232
Cleveland, Ohio-----	204	182	4,328	4,098	Phoenix, Ariz.-----	40	43	931	572
Columbus, Ohio-----	107	103	2,370	2,184	Pueblo, Colo.-----	18	15	254	244
Dayton, Ohio-----	58	72	1,512	1,444	Salt Lake City, Utah-----	54	36	904	838
Detroit, Mich.-----	317	336	6,514	6,218	Tucson, Ariz.-----	16	17	422	399
Evansville, Ind.-----	37	35	805	619	PACIFIC:				
Flint, Mich.-----	32	33	750	726	Berkeley, Calif.-----	18	21	402	369
Fort Wayne, Ind.-----	41	39	738	693	Fresno, Calif.-----	(28)	(39)	(710)	---
Gary, Ind.-----	30	50	661	585	Glendale, Calif.-----	(32)	(23)	(670)	---
Grand Rapids, Mich.-----	43	31	869	791	Long Beach, Calif.-----	55	50	1,070	1,071
Indianapolis, Ind.-----	118	118	2,523	2,324	Los Angeles, Calif.-----	459	509	9,926	9,372
Madison, Wis.-----	(23)	(38)	(617)	(617)	Oakland, Calif.-----	87	70	1,888	1,861
Milwaukee, Wis.-----	103	134	2,760	2,516	Pasadena, Calif.-----	33	32	706	701
Peoria, Ill.-----	34	35	675	563	Portland, Oreg.-----	119	106	2,001	1,847
Rockford, Ill.-----	(26)	(19)	(519)	(489)	Sacramento, Calif.-----	63	29	1,024	995
South Bend, Ind.-----	27	19	550	467	San Diego, Calif.-----	77	82	1,667	1,600
Toledo, Ohio-----	96	97	2,056	1,822	San Francisco, Calif.-----	187	174	3,900	3,748
Youngstown, Ohio-----	70	53	1,079	1,107	San Jose, Calif.-----	(19)	(17)	(448)	---
WEST NORTH CENTRAL:					SEATTLE, WASH.:				
Des Moines, Iowa-----	53	52	1,109	1,016	Seattle, Wash.-----	156	124	2,643	2,586
Duluth, Minn.-----	13	24	464	501	Spokane, Wash.-----	40	45	899	909
Kansas City, Kans.-----	29	25	567	599	Tacoma, Wash.-----	32	54	753	763
Kansas City, Mo.-----	125	124	2,530	2,270	HONOLULU, HAWAII:				
Lincoln, Nebr.-----	(34)	(22)	(511)	---	Honolulu, Hawaii-----	(33)	(33)	(734)	(756)
Minneapolis, Minn.-----	100	129	2,549	2,399					
Omaha, Nebr.-----	72	76	1,399	1,361					

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

Morbidity and Mortality Weekly Report

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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