

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 June 14, 1958

EPIDEMIOLOGICAL REPORTS

Poliomyelitis

Dr. J. R. Enright, Hawaii Department of Health, reports that a total of 13 paralytic cases of poliomyelitis with 2 deaths have been reported in 1958 up to June 9. There was 1 case in March, 2 cases in April, 8 in May, and 2 in June. All of the cases have been in military dependents who have been in Hawaii for periods ranging from 1 month to 3 years. Eight persons had not been vaccinated, 1 had 1 injection, 2 had 2 injections, and 2 had completed the series of 3 injections. Nine of the cases are dependents of United States Navy personnel, and 6 of them live in one naval housing area. To date, type I poliomyelitis virus has been isolated on He La cells from the stools of 9 patients and 7 household contacts. Results of other

examinations are pending. At this time last year, only 1 case of paralytic poliomyelitis had been reported in Hawaii.

Blastomycosis

Dr. Mason Romaine, Virginia Department of Health, has reported a case of blastomycosis in a 31-year-old nonwhite female. She was admitted to a hospital late in February 1958 with multiple skin abscesses and a cough of 4-weeks duration. She had a spontaneous premature delivery at her home 2 weeks prior to admission to the hospital. The patient was transferred to a sanatorium, following a presumptive diagnosis of far-advanced tuberculosis with meningitis. She died about 3 weeks later. At autopsy, which did not include examination of the brain, systemic blastomycosis of the lungs, skin, pericardium,

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	24th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 14, 1958 ¹	Ended June 15, 1957	Median 1953-57	First 24 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	2	10	16	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	2	-	5	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	16	23	24	344	457	576	(2)	(2)	(2)	(2)
Diphtheria-----055	12	15	15	338	437	788	1,110	1,186	2,118	July 1
Encephalitis, infectious-----082	38	36	36	696	632	632	87	72	72	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	231	252	515	7,896	8,475	16,079	11,701	13,674	22,152	Sept. 1
Malaria-----110-117	1	5	12	30	44	127	(2)	(2)	(2)	(2)
Measles-----085	27,407	14,469	17,415	3,626,607	400,006	466,174	3,659,510	437,215	513,049	Sept. 1
Meningococcal infections-----057	34	46	64	1,356	1,312	2,066	2,313	2,043	3,088	Sept. 1
Meningitis, other-----340	84	31	---	1,163	803	---	---	---	---	---
Poliomyelitis-----080	55	89	299	501	1,126	2,985	282	600	1,605	Apr. 1
Paralytic-----080.0,080.1	25	38	---	249	531	---	128	257	---	Apr. 1
Nonparalytic-----080.2	22	38	---	167	434	---	100	271	---	Apr. 1
Unspecified-----080.3	8	13	---	85	161	---	54	72	---	Apr. 1
Psittacosis-----096.2	5	7	11	67	139	155	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	3	3	(2)	(2)	(2)	(2)
Typhoid fever-----040	24	22	45	362	481	720	185	224	361	Apr. 1
Typhus fever, endemic-----101	3	5	5	26	55	55	14	30	31	Apr. 1
Rabies in animals-----	102	78	102	2,345	2,390	2,869	3,160	3,354	4,234	Oct. 1

¹Data exclude report from South Dakota for current week.

²Data show no pronounced seasonal change in incidence.

³Includes delayed report from Wisconsin for week ended May 31 (3,692 cases).

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

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EPIDEMIOLOGICAL REPORTS—Continued

and possibly of the uterus was found. Culture of pus from abscesses showed no growth, but a section of lung at autopsy showed yeasts resembling *Glastomyces dermatitidis*; and culture after 2 weeks showed a similar type of organism.

Suspect infectious mononucleosis

Dr. C. S. Mollohan, Colorado State Department of Public Health, states that he has received information from a physician practicing in a community of about 1,000 population concerning "many cases of infectious lymphocytosis." Investigation revealed that cases have been occurring over a period of about 18 months. These cases have been characterized by an insidious onset with malaise, mild headache, anorexia, enlargement and tenderness of the liver, and postcervical lymphadenopathy. A morbilliform rash was common but was not found in all cases. There was a lymphocytosis associated with a leukopenia. Duration of illness ranged from 2 to 12 weeks. Single cases in households have been typical. Most cases have been in males 5 to 15 years of age. Heterophil agglutination tests have not been completed.

Rabies in animals

The Florida State Board of Health has forwarded the report of an unprovoked attack on a man by a bat. The man was driving his car through a wooded residential section about 11:30 p.m. when 2 bats flew into the open window of his moving vehicle. One bat attacked immediately, inflicting several deep puncture wounds on the man's hand. The attacking bat was knocked to the floor of the car and killed; the other bat escaped from the

vehicle. The Florida State Board of Health examined the dead Seminole bat, *Lasiurus seminolus*, and demonstrated Negri inclusion bodies by direct microscopic examination of brain substance. Results of the inoculation of brain and salivary tissue into mice are not yet available.

Staphylococcus food poisoning

Information has been received from the California State Department of Public Health of an outbreak of staphylococcus food poisoning in a hospital. Nausea, vomiting, abdominal cramps, and diarrhea developed in 14 of 19 hospital patients 1 to 7½ hours after eating turkey salad. The patients also felt "flushed," and the symptoms lasted from 3 to 4 hours. A frozen turkey had been purchased on April 28, 1958, and allowed to thaw at room temperature. It was roasted on April 29, and remained unrefrigerated for about 2 hours while meat from it was being served. On April 30 the remains of the turkey were boiled for 4 hours; the remaining meat was removed and stored in a freezer. On May 3 the meat was defrosted in a refrigerator, and the following day it was chopped, mixed with mayonnaise and vegetables, and served as a salad. The preparation took 5 hours. A food handler was found to have cuts on his hands. Culture of a specimen of turkey salad revealed many golden pigmented, hemolytic, gelatin liquefying, coagulase-positive, gram-positive micrococci.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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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 JUNE 15, 1957, AND JUNE 14, 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		24th week		Cumulative first 24 weeks		082		24th week		Cumulative first 24 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	16	23	12	15	338	437	38	36	231	252	7,896	8,475
NEW ENGLAND-----	2	-	-	1	5	16	2	-	11	12	270	451
Maine-----	-	-	-	-	-	3	-	-	1	5	46	132
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	8
Vermont-----	2	-	-	-	-	-	-	-	1	-	10	82
Massachusetts-----	-	-	-	1	4	15	1	-	6	4	119	122
Rhode Island-----	-	-	-	-	-	-	1	-	1	3	40	38
Connecticut-----	-	-	-	-	1	-	-	-	2	-	54	69
MIDDLE ATLANTIC-----	2	1	2	7	32	42	9	7	48	54	931	1,258
New York-----	-	1	2	2	15	22	6	7	34	33	614	726
New Jersey-----	1	-	-	2	2	9	-	-	-	7	79	182
Pennsylvania-----	1	-	-	3	15	11	3	-	14	14	238	350
EAST NORTH CENTRAL-----	4	4	-	-	28	34	6	9	38	33	1,378	1,555
Ohio-----	-	-	-	-	6	7	-	4	14	11	421	393
Indiana-----	-	1	-	-	12	9	-	2	3	3	129	223
Illinois-----	3	3	-	-	4	3	1	2	10	8	359	324
Michigan-----	1	-	-	-	5	14	5	1	10	10	394	449
Wisconsin-----	-	-	-	-	1	1	-	-	1	1	75	166
WEST NORTH CENTRAL ¹ -----	5	10	2	-	43	36	1	1	15	25	693	533
Minnesota-----	-	2	2	-	8	20	-	-	1	12	74	188
Iowa-----	1	3	-	-	11	4	-	-	-	4	136	130
Missouri-----	1	1	-	-	12	1	-	-	9	1	131	94
North Dakota-----	-	-	-	1	2	1	-	-	2	8	110	70
South Dakota-----	-	-	-	-	13	5	-	-	-	-	17	25
Nebraska-----	-	2	-	-	7	2	-	-	-	-	42	12
Kansas-----	3	2	-	-	-	3	1	1	3	-	191	14
SOUTH ATLANTIC-----	1	2	4	1	89	126	4	1	21	18	549	628
Delaware-----	-	-	-	-	-	-	-	-	1	-	30	5
Maryland-----	-	-	-	-	3	1	-	-	4	2	56	72
District of Columbia-----	-	-	-	-	-	-	-	-	2	-	9	8
Virginia-----	-	-	1	-	14	6	-	-	3	8	130	248
West Virginia-----	-	1	1	-	8	2	-	-	1	-	90	50
North Carolina-----	-	1	-	-	13	18	1	1	1	1	27	48
South Carolina-----	-	-	-	1	8	21	1	-	-	1	34	16
Georgia-----	-	-	2	-	24	25	-	-	3	1	61	71
Florida-----	1	-	-	-	19	53	2	-	6	5	112	110
EAST SOUTH CENTRAL-----	-	-	2	1	26	62	1	1	19	17	684	1,192
Kentucky-----	-	-	1	1	2	12	1	-	10	5	327	525
Tennessee-----	-	-	-	-	5	7	-	1	5	10	191	454
Alabama-----	-	-	1	-	14	24	-	-	2	2	129	135
Mississippi-----	-	-	-	-	5	19	-	-	2	-	37	78
WEST SOUTH CENTRAL-----	1	2	2	4	75	98	3	1	16	18	610	609
Arkansas-----	1	-	-	2	12	8	1	-	6	1	68	49
Louisiana-----	-	-	1	-	7	8	-	-	-	-	6	34
Oklahoma-----	-	-	-	-	20	15	-	1	1	-	98	81
Texas-----	-	2	1	2	36	67	2	-	9	17	438	445
MOUNTAIN-----	-	2	-	1	35	15	2	-	29	18	1,358	770
Montana-----	-	-	-	-	15	3	-	-	4	2	205	106
Idaho-----	-	1	-	-	2	1	-	-	-	2	81	49
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	27
Colorado-----	-	-	-	-	5	2	-	-	2	3	110	109
New Mexico-----	-	-	-	1	9	7	-	-	8	3	222	279
Arizona-----	-	-	-	-	2	1	2	-	10	7	532	148
Utah-----	-	1	-	-	-	-	-	-	3	-	110	30
Nevada-----	-	-	-	-	-	-	-	-	2	1	94	22
PACIFIC-----	1	2	-	-	5	6	10	16	34	57	1,423	1,479
Washington-----	-	-	-	-	-	-	-	-	7	2	273	211
Oregon-----	-	-	-	-	1	2	-	-	3	3	174	293
California-----	1	2	-	-	4	4	10	16	24	52	976	975
Alaska-----	-	-	-	-	-	-	-	-	1	2	72	49
Hawaii-----	-	-	-	-	-	-	1	-	-	4	26	24
Puerto Rico-----	-	-	2	-	26	30	-	-	-	3	73	84

¹Data exclude report from South Dakota for the 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 JUNE 15, 1957, AND JUNE 14, 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 ²				Paralytic		Nonparalytic		110-117		085	
	24th week		Cumulative first 24 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	55	89	501	1,126	25	38	22	38	1	5	27,407	14,469
NEW ENGLAND-----	-	1	8	10	-	-	-	1	-	1	2,730	1,423
Maine-----	-	-	2	1	-	-	-	-	-	-	211	157
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	65	6
Vermont-----	-	-	-	2	-	-	-	-	-	-	47	64
Massachusetts-----	-	1	1	3	-	-	-	1	-	-	1,470	746
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	145	58
Connecticut-----	-	-	5	4	-	-	-	-	1	-	792	392
MIDDLE ATLANTIC-----	2	2	23	32	1	1	1	1	-	-	6,341	3,226
New York-----	1	2	17	21	-	1	1	1	-	-	2,123	1,704
New Jersey-----	1	-	6	3	1	-	-	-	-	-	1,555	1,189
Pennsylvania-----	-	-	-	8	-	-	-	-	-	-	2,663	333
EAST NORTH CENTRAL-----	3	6	40	98	1	1	1	3	-	1	8,250	2,929
Ohio-----	-	2	6	19	-	-	-	-	-	-	1,059	197
Indiana-----	-	1	3	20	-	1	-	-	-	1	494	220
Illinois-----	-	-	10	13	-	-	-	-	-	-	1,398	254
Michigan-----	3	3	17	34	1	-	1	3	-	-	2,347	378
Wisconsin-----	-	-	4	12	-	-	-	-	-	-	2,952	1,880
WEST NORTH CENTRAL ¹ -----	2	8	24	87	2	3	-	3	-	-	861	853
Minnesota-----	-	-	1	3	-	-	-	-	-	-	123	96
Iowa-----	1	2	7	7	1	1	-	1	-	-	483	530
Missouri-----	1	2	3	25	1	1	-	1	-	-	77	67
North Dakota-----	-	-	2	1	-	-	-	-	-	-	144	116
South Dakota-----	-	-	13	4	-	-	-	-	-	-	-	32
Nebraska-----	-	3	7	31	-	-	-	1	-	-	34	12
Kansas-----	-	1	1	16	-	1	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	22	13	119	152	8	6	9	2	1	1	2,009	890
Delaware-----	1	-	2	1	-	-	-	-	-	-	18	8
Maryland-----	-	-	-	-	-	-	-	-	-	-	101	44
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	44	38
Virginia-----	2	-	7	17	2	-	-	-	-	-	634	175
West Virginia-----	2	1	9	6	2	1	-	-	-	-	227	63
North Carolina-----	2	2	27	22	1	1	1	1	-	-	103	54
South Carolina-----	-	5	4	35	-	1	-	-	-	-	358	246
Georgia-----	2	3	8	22	2	2	-	-	-	-	174	136
Florida-----	13	2	61	49	1	1	8	1	1	1	350	126
EAST SOUTH CENTRAL-----	4	5	49	70	-	-	2	2	-	-	1,379	598
Kentucky-----	-	3	19	9	-	-	-	-	-	-	413	208
Tennessee-----	1	1	11	17	-	-	1	1	-	-	758	212
Alabama-----	-	-	6	16	-	-	-	-	-	-	200	176
Mississippi-----	3	1	13	28	-	-	1	1	-	-	8	2
WEST SOUTH CENTRAL-----	15	38	114	345	7	21	8	17	-	1	2,357	771
Arkansas-----	1	-	7	17	-	-	1	-	-	-	546	43
Louisiana-----	3	6	11	56	1	-	2	6	-	-	17	42
Oklahoma-----	1	2	11	14	-	2	1	-	-	1	317	36
Texas-----	10	30	85	258	6	19	4	11	-	-	1,477	650
MOUNTAIN-----	1	2	37	82	1	1	-	-	-	-	1,409	980
Montana-----	-	-	4	3	-	-	-	-	-	-	200	119
Idaho-----	-	-	-	3	-	-	-	-	-	-	26	81
Wyoming-----	-	-	2	4	-	-	-	-	-	-	8	4
Colorado-----	1	-	7	15	1	-	-	-	-	-	479	65
New Mexico-----	-	1	10	11	-	1	-	-	-	-	130	134
Arizona-----	-	-	9	24	-	-	-	-	-	-	421	358
Utah-----	-	1	3	20	-	-	-	-	-	-	145	207
Nevada-----	-	-	2	2	-	-	-	-	-	-	-	12
PACIFIC-----	6	14	87	250	5	5	1	9	-	1	2,071	2,799
Washington-----	-	-	6	2	-	-	-	-	-	-	413	618
Oregon-----	1	1	7	21	1	-	-	1	-	-	159	608
California-----	5	13	74	227	4	5	1	8	-	1	1,499	1,573
Alaska-----	-	-	1	2	-	-	-	-	-	-	9	68
Hawaii-----	3	-	16	2	3	-	-	-	-	1	15	26
Puerto Rico-----	-	-	40	5	-	-	-	-	-	-	54	41

¹Data exclude report from South Dakota for the current week.²Includes 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 JUNE 15, 1957, AND JUNE 14, 1958—Continued

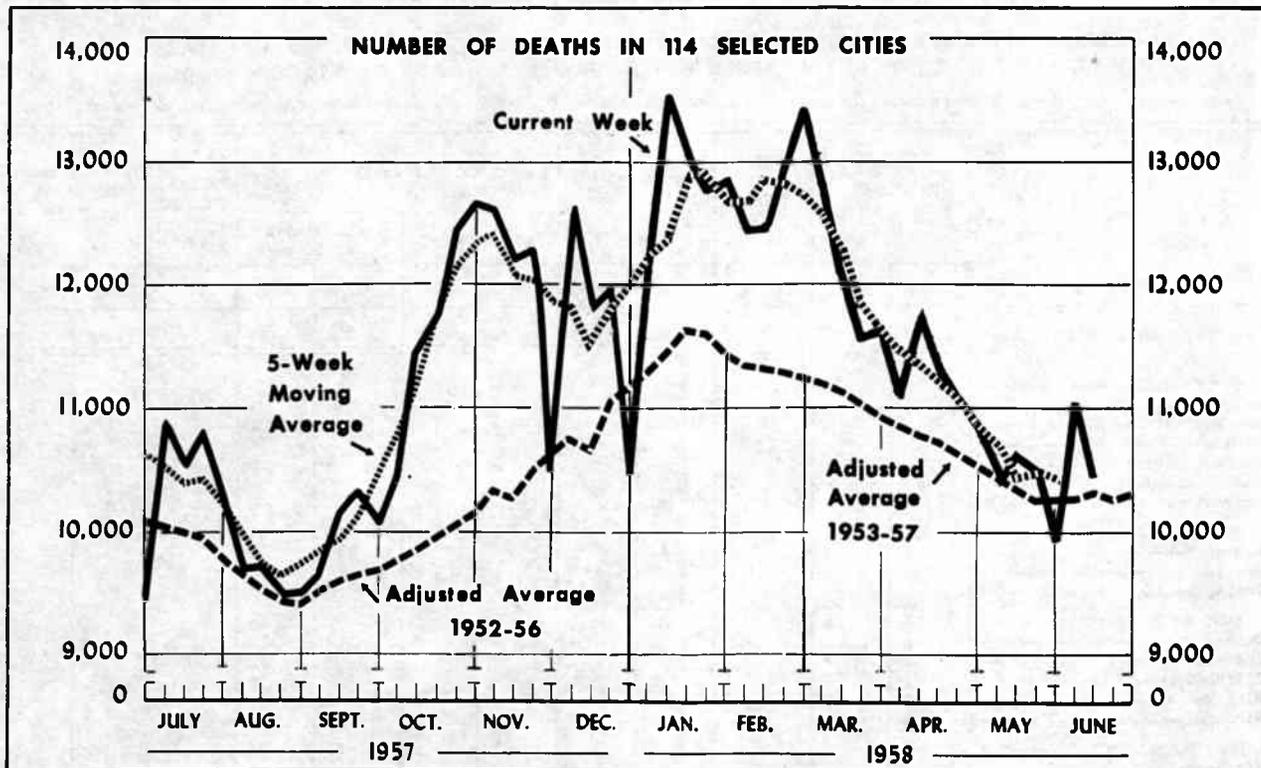
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		24th week		Cumulative first 24 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES ¹ -----	34	46	84	5	7	24	22	362	481	3	102	78
NEW ENGLAND-----	-	2	3	-	-	-	-	6	13	-	-	-
Maine-----	-	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	2	-	-	-	-	3	5	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	-	4	-	-	-
Connecticut-----	-	-	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	5	5	-	-	-	1	4	46	54	-	3	2
New York-----	3	5	-	-	-	-	-	10	18	-	3	2
New Jersey-----	1	-	-	-	-	1	2	10	15	-	-	-
Pennsylvania-----	1	-	-	-	-	-	2	26	21	-	-	-
EAST NORTH CENTRAL-----	6	11	6	3	1	-	3	25	54	-	17	9
Ohio-----	1	1	-	-	-	-	2	9	25	-	8	-
Indiana-----	1	4	1	-	-	-	-	7	11	-	4	2
Illinois-----	1	2	5	1	1	-	-	1	6	-	1	1
Michigan-----	2	4	-	-	-	-	-	4	6	-	-	1
Wisconsin-----	1	-	-	2	-	-	1	4	6	-	4	5
WEST NORTH CENTRAL ¹ -----	2	-	1	-	1	1	1	33	34	-	21	22
Minnesota-----	1	-	-	-	1	-	-	2	4	-	9	9
Iowa-----	1	-	1	-	-	1	-	5	7	-	9	9
Missouri-----	-	-	-	-	-	-	1	16	15	-	3	1
North Dakota-----	-	-	-	-	-	-	-	1	1	-	-	3
South Dakota-----	-	-	-	-	-	-	-	12	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	-
Kansas-----	-	-	-	-	-	-	-	6	4	-	-	-
SOUTH ATLANTIC-----	7	10	64	-	2	5	3	64	96	-	14	18
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	-
Maryland-----	-	1	1	-	-	-	-	4	2	-	-	-
District of Columbia-----	-	-	4	-	-	1	-	3	6	-	-	-
Virginia-----	-	2	1	-	1	-	-	8	16	-	3	6
West Virginia-----	-	-	-	-	-	-	-	9	15	-	2	1
North Carolina-----	2	3	-	-	1	1	1	11	11	-	-	2
South Carolina-----	-	-	1	-	-	-	1	6	5	-	3	1
Georgia-----	2	1	5	-	-	2	-	12	16	-	5	6
Florida-----	3	3	52	-	-	1	1	11	24	-	1	2
EAST SOUTH CENTRAL-----	4	9	1	-	1	9	3	41	83	-	18	13
Kentucky-----	3	1	-	-	-	2	1	10	23	-	9	9
Tennessee-----	-	3	1	-	1	3	2	11	39	-	3	-
Alabama-----	-	4	-	-	-	-	-	9	7	-	6	4
Mississippi-----	1	1	-	-	-	4	-	11	14	-	-	-
WEST SOUTH CENTRAL-----	4	2	8	-	-	5	5	98	92	3	13	11
Arkansas-----	-	-	2	-	-	-	2	3	17	-	-	2
Louisiana-----	1	-	-	-	-	4	-	53	14	-	1	2
Oklahoma-----	-	-	4	-	-	-	-	6	12	-	-	-
Texas-----	3	2	2	-	-	1	3	36	49	3	12	7
MOUNTAIN-----	-	5	1	-	2	1	1	16	23	-	-	-
Montana-----	-	-	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	5	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	-	1	1	-	2	-	-	-	6	-	-	-
New Mexico-----	-	-	-	-	-	-	1	7	7	-	-	-
Arizona-----	-	4	-	-	-	1	-	2	5	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	2	-	2	-	2	2	33	32	-	16	3
Washington-----	1	1	-	-	-	-	-	-	1	-	-	-
Oregon-----	1	1	-	1	-	1	-	7	3	-	-	-
California-----	4	-	-	1	-	1	2	26	28	-	16	3
Alaska-----	1	1	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	2	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	12	12	-	-	-

¹Data exclude report from South Dakota for the current week.

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

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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	24th week ended June 14, 1958	23d week ended June 7, 1958	Adjusted average, 24th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 24 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,487	11,045	10,305	+1.8	282,605	264,551	+6.8
New England----- (14 cities)	634	701	670	-5.4	17,829	17,329	+2.9
Middle Atlantic----- (20 cities)	¹ 2,967	3,036	3,048	-2.7	¹ 82,005	76,742	+6.9
East North Central----- (19 cities)	¹ 2,280	2,477	2,278	+0.1	¹ 60,177	57,114	+5.4
West North Central----- (9 cities)	680	894	750	-9.3	20,071	18,657	+7.6
South Atlantic----- (11 cities)	¹ 909	931	829	+9.7	¹ 24,825	22,170	+12.0
East South Central----- (8 cities)	484	475	457	+5.9	13,334	11,734	+13.6
West South Central----- (13 cities)	995	897	818	+21.6	23,790	21,952	+8.4
Mountain----- (8 cities)	287	280	235	+22.1	7,336	6,542	+12.1
Pacific----- (12 cities)	1,251	1,354	1,224	+2.2	33,238	32,311	+2.9

¹Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	24th week ended June 14, 1958	23d week ended June 7, 1958	CUMULATIVE NUMBER FIRST 24 WEEKS		AREA	24th week ended June 14, 1958	23d week ended June 7, 1958	CUMULATIVE NUMBER FIRST 24 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	214	236	6,149	5,883	St. Louis, Mo.-----	202	261	6,344	5,727
Bridgeport, Conn.-----	33	30	971	903	St. Paul, Minn.-----	50	73	1,884	1,653
Cambridge, Mass.-----	19	31	715	764	Wichita, Kans.-----	47	56	1,106	1,090
Fall River, Mass.-----	28	29	704	671	SOUTH ATLANTIC:				
Hartford, Conn.-----	36	65	1,280	1,214	Atlanta, Ga.-----	96	104	2,794	2,661
Lowell, Mass.-----	22	15	667	662	Baltimore, Md.-----	227	213	6,353	5,851
Lynn, Mass.-----	20	23	525	508	Charlotte, N. C.-----	32	43	899	800
New Bedford, Mass.-----	27	15	607	643	Jacksonville, Fla.-----	50	43	1,525	1,309
New Haven, Conn.-----	49	41	1,185	1,132	Miami, Fla.-----	63	80	1,878	1,189
Providence, R. I.-----	50	69	1,602	1,543	Norfolk, Va.-----	131	49	1,926	880
Somerville, Mass.-----	13	16	344	345	Richmond, Va.-----	91	73	1,907	1,801
Springfield, Mass.-----	44	41	1,052	1,056	Savannah, Ga.-----	27	28	829	711
Waterbury, Conn.-----	22	29	681	619	St. Petersburg, Fla.-----	(54)	(54)	(1,756)	---
Worcester, Mass.-----	57	61	1,347	1,386	Tempe, Fla.-----	59	75	1,802	1,572
MIDDLE ATLANTIC:					Washington, D. C.-----	197	185	4,977	4,505
Albany, N. Y.-----	44	59	1,276	1,235	Wilmington, Del.-----	36	38	935	891
Allentown, Pa.-----	31	23	831	909	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	140	130	3,862	3,528	Birmingham, Ala.-----	89	86	2,269	1,879
Camden, N. J.-----	30	52	1,093	958	Chattanooga, Tenn.-----	52	58	1,236	1,122
Elizabeth, N. J.-----	20	30	751	696	Knoxville, Tenn.-----	16	27	712	710
Erie, Pa.-----	41	33	876	863	Louisville, Ky.-----	93	88	2,814	2,589
Jersey City, N. J.-----	55	84	1,826	1,651	Memphis, Tenn.-----	117	100	2,927	2,576
Newark, N. J.-----	96	124	2,457	2,580	Mobile, Ala.-----	47	37	1,021	865
New York City, N. Y.-----	1,485	1,531	41,575	38,664	Montgomery, Ala.-----	26	24	874	541
Paterson, N. J.-----	45	34	1,077	962	Nashville, Tenn.-----	44	55	1,481	1,452
Philadelphia, Pa.-----	474	401	12,733	11,874	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	171	180	4,900	4,418	Austin, Tex.-----	28	38	812	732
Reading, Pa.-----	17	24	527	570	Baton Rouge, La.-----	25	26	726	627
Rochester, N. Y.-----	98	97	2,558	2,331	Corpus Christi, Tex.-----	25	17	519	494
Schenectady, N. Y.-----	19	18	562	532	Dallas, Tex.-----	135	119	2,913	2,653
Scranton, Pa.-----	22	37	877	936	El Paso, Tex.-----	34	43	927	707
Syracuse, N. Y.-----	69	72	1,545	1,393	Fort Worth, Tex.-----	44	63	1,516	1,508
Trenton, N. J.-----	39	48	1,237	1,101	Houston, Tex.-----	219	100	3,952	3,646
Utica, N. Y.-----	27	29	665	795	Little Rock, Ark.-----	79	44	1,368	1,312
Yonkers, N. Y.-----	44	30	777	746	New Orleans, La.-----	190	148	4,502	4,083
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	58	87	1,711	1,512
Akron, Ohio-----	50	67	1,447	1,299	San Antonio, Tex.-----	76	103	2,405	2,303
Canton, Ohio-----	26	38	766	756	Shreveport, La.-----	48	48	1,205	1,156
Chicago, Ill.-----	724	797	19,293	18,453	Tulsa, Okla.-----	34	61	1,234	1,219
Cincinnati, Ohio-----	163	170	4,124	3,709	MOUNTAIN:				
Cleveland, Ohio-----	205	208	5,284	5,093	Albuquerque, N. Mex.-----	30	27	695	622
Columbus, Ohio-----	104	98	2,829	2,747	Colorado Springs, Colo.-----	13	16	347	329
Dayton, Ohio-----	165	85	1,866	1,783	Denver, Colo.-----	110	114	2,838	2,725
Detroit, Mich.-----	322	275	8,016	7,932	Ogden, Utah-----	18	17	359	285
Evansville, Ind.-----	30	55	1,012	770	Phoenix, Ariz.-----	33	39	1,122	709
Flint, Mich.-----	36	43	945	909	Pueblo, Colo.-----	9	11	311	302
Fort Wayne, Ind.-----	42	34	896	865	Salt Lake City, Utah-----	53	36	1,147	1,066
Gary, Ind.-----	33	27	811	715	Tucson, Ariz.-----	21	20	517	504
Grand Rapids, Mich.-----	35	48	1,049	994	PACIFIC:				
Indianapolis, Ind.-----	118	144	3,111	2,891	Berkeley, Calif.-----	21	20	505	479
Madison, Wis.-----	(20)	(39)	(778)	(771)	Fresno, Calif.-----	(39)	(46)	(906)	---
Milwaukee, Wis.-----	126	152	3,395	3,197	Glendale, Calif.-----	(32)	(37)	(845)	---
Peoria, Ill.-----	21	37	814	727	Long Beach, Calif.-----	61	78	1,378	1,319
Rockford, Ill.-----	(56)	(27)	(661)	(623)	Los Angeles, Calif.-----	448	477	12,241	11,675
South Bend, Ind.-----	29	32	686	607	Oakland, Calif.-----	93	102	2,318	2,351
Toledo, Ohio-----	92	101	2,505	2,304	Pasadena, Calif.-----	29	40	862	867
Youngstown, Ohio-----	59	66	1,328	1,363	Portland, Oreg.-----	96	110	2,481	2,325
WEST NORTH CENTRAL:					Sacramento, Calif.-----	46	42	1,279	1,264
Des Moines, Iowa-----	45	73	1,384	1,267	San Diego, Calif.-----	81	82	2,067	1,965
Duluth, Minn.-----	27	39	604	628	San Francisco, Calif.-----	177	172	4,758	4,745
Kansas City, Kans.-----	19	20	683	723	San Jose, Calif.-----	---	(25)	---	---
Kansas City, Mo.-----	115	143	3,153	2,881	Seattle, Wash.-----	128	147	3,274	3,199
Lincoln, Nebr.-----	(23)	(27)	---	---	Spokane, Wash.-----	29	57	1,136	1,151
Minneapolis, Minn.-----	108	143	3,166	3,019	Tacoma, Wash.-----	42	27	939	971
Omaha, Nebr.-----	67	86	1,747	1,669	Honolulu, Hawaii-----	(38)	(45)	(911)	(946)

¹Estimated.

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

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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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