

# Morbidity and Mortality

Weekly  
Report

PUBLIC HEALTH SERVICE

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

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 1, 1957

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The World Health Organization has reported the occurrence of epidemic influenza since the middle of May in the following areas of the Far East: Cambodia, Sumatra, Java, North Borneo, and Sarawak. The WHO also stated that a type A influenza virus was isolated in Australia from mild clinical cases in recent arrivals by air from Europe via Singapore. The specific type of virus was not stated. From other sources, it has been reported that influenza has assumed epidemic proportions in India and in Japan. In the latter country the epidemic has spread to 23 prefectures, and 39 schools in 2 cities are said to have closed. It is reported that a viral agent which could not be typed has been isolated. In none of the other areas mentioned above has the type of influenza virus infection been determined.

The introduction of infection by the Far East strain of virus into the United States is considered to be a distinct possibility, because persons who have been in Western Asia recently are entering the country in substantial numbers and are dispersing to all parts of the country. However, its occurrence has not yet been proved by laboratory tests.

Strains of the Far East virus which are different from those previously isolated are still being studied by manufacturers of vaccine.

#### Rabies in man

Dr. G. E. McDaniel, South Carolina State Board of Health, has supplied information on the case of human rabies reported for the week ended May 11. The victim was a 10-year-old child who had been bitten on the cheek and forearm by the family dog on April 23. The dog showed clinical evidence of being ill, was

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

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	22d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 1, 1957	Ended June 2, 1956	Median 1952-56	First 22 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	1	1	10	27	18	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	6	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	17	14	36	408	408	641	(1)	(1)	(1)	(1)
Diphtheria-----055	6	22	22	410	732	799	1,165	2,062	2,113	July 1
Encephalitis, infectious-----062	26	35	35	560	629	560	2,124	1,551	1,551	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	232	318	537	7,926	10,405	14,785	13,125	17,908	---	Sept. 1
Malaria-----110-117	3	4	22	36	82	173	(1)	(1)	(1)	(1)
Measles-----085	16,202	24,746	20,540	368,717	467,876	467,876	405,921	496,974	496,974	Sept. 1
Meningococcal infections-----057	27	54	82	1,214	1,490	2,358	1,945	2,413	3,587	Sept. 1
Meningitis, other-----340	18	16	---	729	630	---	---	---	---	---
Poliomyelitis-----090	64	120	197	966	1,863	2,534	439	796	1,055	Apr. 1
Paralytic-----080.0,080.1	24	60	---	468	994	---	194	411	---	Apr. 1
Nonparalytic-----080.2	32	36	---	357	540	---	194	255	---	Apr. 1
Unspecified-----080.3	8	24	---	141	329	---	51	130	---	Apr. 1
Psittacosis-----086.2	7	5	11	127	182	150	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	2	5	3	(1)	(1)	(1)	(1)
Typhoid fever-----040	24	37	37	438	680	651	181	368	276	Apr. 1
Typhus fever, endemic-----101	2	1	1	45	34	58	20	15	25	Apr. 1
Rabies in animals-----	90	84	122	2,226	2,529	3,594	3,190	3,556	5,109	Oct. 1

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

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

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### EPIDEMIOLOGICAL REPORTS—Continued

killed, but it's brain was not examined for rabies. The child began antirabic treatments on the day he was bitten. On the day following the fourteenth injection, the child showed evidence of unusual excitability and headaches. He was hospitalized and death occurred on May 9.

#### Psittacosis

Dr. Rex E. Graber, District Health Officer, Wisconsin State Board of Health, has reported 6 cases of psittacosis. Four cases were in a home into which a parakeet had recently been brought. The fifth case had contact with the bird in this household. The illnesses were characterized by headache, chills, fever, and malaise. Chest X-rays showed a pneumonic process in all 5 cases. Blood specimens from 2 patients showed a rise in complement fixation titer for psittacosis. The psittacosis virus has been isolated from the bird which had been bought from a local department store. All of the remaining birds in this store, as well as those in another store which obtained birds from the same supplier, have been destroyed. In addition to these 5 cases, there was a case in a laboratory technician. Physicians in the surrounding community have been alerted to watch for additional cases.

The California State Department of Public Health has reported a case of psittacosis in a 69-year-old woman. She be-

came ill with a respiratory ailment and weakness, headache, prostration, and generalized body pains. The diagnosis of psittacosis was confirmed by complement fixation test. The patient was exposed to a parakeet which died 2 weeks before it's owner entered a hospital. No laboratory tests were made on the carcass of the bird.

### QUARANTINE MEASURES

#### Immunization of Information for International Travel

Public Health Service Publication No. 384

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>
City Department of Public Health 108 West Cary St., Richmond, Virginia Tel. 7-7611	2d and 4th Tuesday 3:30 p.m. By appointment only	No

Asia.—Indonesia (p. 36) now requires smallpox vaccination of all arrivals. All other information remains the same.

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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 2, 1956 AND JUNE 1, 1957**

(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		22d week		Cumulative first 22 weeks		082		22d week		Cumulative first 22 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	17	14	6	22	410	732	26	35	232	318	7,926	10,405
NEW ENGLAND-----	-	-	-	-	15	7	-	-	17	21	421	677
Maine-----	-	-	-	-	3	-	-	-	1	3	120	162
New Hampshire-----	-	-	-	-	-	1	-	-	1	1	8	25
Vermont-----	-	-	-	-	-	-	-	-	7	-	82	92
Massachusetts-----	-	-	-	-	12	6	-	-	4	6	114	153
Rhode Island-----	-	-	-	-	-	-	-	-	-	6	33	82
Connecticut-----	-	-	-	-	-	-	-	-	4	5	64	163
MIDDLE ATLANTIC-----	1	-	1	-	35	32	4	11	45	66	1,165	2,208
New Ycrk-----	1	-	-	-	20	10	4	11	26	28	666	1,131
New Jersey-----	-	-	1	-	7	10	-	-	9	6	173	190
Pennsylvania-----	-	-	-	-	8	12	-	-	10	32	326	887
EAST NORTH CENTRAL-----	4	2	2	4	33	143	8	4	43	61	1,472	1,646
Ohio-----	-	-	1	-	7	13	2	-	11	12	371	402
Indiana-----	-	-	-	2	8	74	-	-	3	5	214	258
Illinois-----	4	-	1	-	3	3	2	1	9	11	309	392
Michigan-----	-	2	-	2	14	52	2	3	12	29	419	423
Wisconsin-----	-	-	-	-	1	1	2	-	8	4	159	171
WEST NORTH CENTRAL-----	7	5	-	3	36	79	-	3	10	25	487	897
Minnesota-----	3	1	-	-	20	25	-	-	5	8	168	261
Iowa-----	-	4	-	1	4	17	-	-	4	9	120	235
Missouri-----	1	-	-	-	1	8	-	1	-	3	91	49
North Dakota-----	2	-	-	-	1	-	-	-	1	2	61	76
South Dakota-----	-	-	-	2	5	3	-	-	-	-	24	110
Nebraska-----	1	-	-	-	2	24	-	1	-	2	12	75
Kansas-----	-	-	-	-	3	2	-	1	-	1	11	91
SOUTH ATLANTIC-----	-	1	2	9	120	149	4	4	13	30	589	628
Delaware-----	-	-	-	-	-	-	-	-	-	-	5	19
Maryland-----	-	-	-	-	1	-	-	2	-	-	66	55
District of Columbia-----	-	-	-	-	-	1	-	-	-	1	9	9
Virginia-----	-	1	1	-	6	21	-	-	7	12	236	268
West Virginia-----	-	-	-	-	2	4	-	-	-	3	48	28
North Carolina-----	-	-	-	2	18	19	3	1	2	3	44	57
South Carolina-----	-	-	-	4	18	32	-	1	1	2	14	29
Georgia-----	-	-	1	1	25	26	1	-	1	7	67	84
Florida-----	-	-	-	2	50	46	-	-	2	2	100	79
EAST SOUTH CENTRAL-----	1	-	-	1	60	97	1	3	19	19	1,115	891
Kentucky-----	-	-	-	-	11	5	-	-	10	4	485	266
Tennessee-----	-	-	-	-	6	18	-	-	5	7	430	412
Alabama-----	1	-	-	-	24	48	-	2	3	2	125	92
Mississippi-----	-	-	1	-	19	26	1	1	1	6	75	121
WEST SOUTH CENTRAL-----	1	6	1	4	92	183	1	3	27	32	567	784
Arkansas-----	-	-	-	6	17	-	1	1	4	3	46	76
Louisiana-----	-	4	-	2	8	20	-	-	2	12	32	59
Oklahoma-----	-	-	1	-	15	51	1	-	2	2	78	51
Texas-----	1	2	-	2	63	95	-	2	19	15	411	598
MOUNTAIN-----	1	-	-	-	13	14	-	-	16	13	740	1,025
Montana-----	1	-	-	-	3	-	-	-	4	3	103	268
Idaho-----	-	-	-	-	1	1	-	-	1	1	46	133
Wyoming-----	-	-	-	-	1	3	-	-	-	-	27	56
Colorado-----	-	-	-	-	1	3	-	-	1	5	102	219
New Mexico-----	-	-	-	-	6	1	-	-	8	3	273	92
Arizona-----	-	-	-	-	1	5	-	-	2	1	138	206
Utah-----	-	-	-	-	-	1	-	-	-	-	30	49
Nevada-----	-	-	-	-	-	-	-	-	-	-	21	2
PACIFIC-----	2	-	-	1	6	28	8	7	42	51	1,370	1,649
Washington-----	-	-	-	-	-	3	-	-	6	11	207	353
Oregon-----	-	-	-	-	2	8	-	-	4	9	283	317
California-----	2	-	-	1	4	17	8	7	32	31	880	979
Alaska-----	-	-	-	-	-	-	-	-	1	1	43	57
Hawaii-----	-	-	-	-	-	-	-	-	-	2	19	22
Puerto Rico-----	-	-	2	-	29	22	-	-	12	1	81	108

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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 2, 1956 AND JUNE 1, 1957—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	
	22d week		Cumulative first 22 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	64	120	966	1,863	24	60	32	36	3	4	16,202	24,746
NEW ENGLAND-----	-	2	9	47	-	1	-	1	-	-	1,352	280
Maine-----	-	-	1	8	-	-	-	-	-	-	196	16
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	3	-
Vermont-----	-	-	2	8	-	-	-	-	-	-	40	31
Massachusetts-----	-	1	2	21	-	1	-	-	-	-	633	150
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	34	13
Connecticut-----	-	1	4	6	-	-	-	1	-	-	446	70
MIDDLE ATLANTIC-----	1	4	29	116	1	1	-	2	-	-	3,064	4,920
New York-----	1	2	19	81	1	1	-	1	-	-	1,634	1,775
New Jersey-----	-	1	2	11	-	-	-	1	-	-	1,128	1,012
Pennsylvania-----	-	1	8	24	-	-	-	-	-	-	302	2,133
EAST NORTH CENTRAL-----	4	17	93	160	2	7	2	2	-	1	3,302	7,327
Ohio-----	1	1	17	30	1	-	-	-	-	-	297	1,951
Indiana-----	-	1	21	9	-	1	-	-	-	-	285	815
Illinois-----	-	9	12	44	-	6	-	2	-	-	304	1,641
Michigan-----	3	3	31	45	1	-	2	-	-	-	678	1,634
Wisconsin-----	-	3	12	32	-	-	-	-	-	1	1,738	1,286
WEST NORTH CENTRAL-----	2	13	76	102	-	3	-	3	-	-	1,184	1,048
Minnesota-----	-	1	3	15	-	1	-	-	-	-	179	71
Iowa-----	-	6	5	31	-	2	-	3	-	-	721	300
Missouri-----	1	2	22	24	-	-	-	-	-	-	112	118
North Dakota-----	-	-	1	2	-	-	-	-	-	-	167	192
South Dakota-----	-	1	2	9	-	-	-	-	-	-	-	46
Nebraska-----	-	1	28	11	-	-	-	-	-	-	5	307
Kansas-----	1	2	15	10	-	-	-	-	-	-	-	14
SOUTH ATLANTIC-----	4	15	127	153	2	6	1	6	1	-	860	3,308
Delaware-----	-	-	1	2	-	-	-	-	-	-	13	46
Maryland-----	-	-	-	4	-	-	-	-	-	-	29	140
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	30	20
Virginia-----	2	1	16	7	2	1	-	-	1	-	239	1,288
West Virginia-----	-	1	4	11	-	1	-	-	-	-	26	458
North Carolina-----	-	3	18	31	-	-	-	2	-	-	50	347
South Carolina-----	2	-	27	12	-	-	1	-	-	-	179	451
Georgia-----	-	-	19	13	-	-	-	-	-	-	201	179
Florida-----	-	10	42	73	-	4	-	4	-	-	93	379
EAST SOUTH CENTRAL-----	4	4	59	86	-	1	1	1	-	-	677	1,742
Kentucky-----	1	-	6	27	-	-	-	-	-	-	139	562
Tennessee-----	-	-	15	17	-	-	-	-	-	-	240	801
Alabama-----	-	1	14	6	-	-	-	-	-	-	293	292
Mississippi-----	3	3	24	36	-	1	1	1	-	-	5	87
WEST SOUTH CENTRAL-----	39	43	278	477	14	26	24	14	1	2	1,600	3,074
Arkansas-----	2	-	17	13	-	-	2	-	-	-	100	400
Louisiana-----	4	8	45	86	1	7	3	1	-	-	108	20
Oklahoma-----	1	3	8	22	-	-	-	-	1	-	85	545
Texas-----	32	32	208	356	13	19	19	13	-	2	1,307	2,309
MOUNTAIN-----	3	2	75	97	2	2	-	-	-	-	951	1,032
Montana-----	-	-	3	6	-	-	-	-	-	-	89	156
Idaho-----	-	1	3	13	-	1	-	-	-	-	91	48
Wyoming-----	-	-	4	3	-	-	-	-	-	-	11	15
Colorado-----	1	1	13	10	-	1	-	-	-	-	61	514
New Mexico-----	-	-	8	7	-	-	-	-	-	-	227	157
Arizona-----	2	-	23	39	2	-	-	-	-	-	266	116
Utah-----	-	-	19	8	-	-	-	-	-	-	206	45
Nevada-----	-	-	2	11	-	-	-	-	-	-	-	1
PACIFIC-----	7	20	220	625	3	13	4	7	1	1	3,212	2,015
Washington-----	-	1	2	25	-	-	-	1	-	-	872	649
Oregon-----	1	-	19	40	1	-	-	-	-	1	1,005	65
California-----	6	19	199	560	2	13	4	6	1	-	1,535	1,501
Alaska-----	-	-	2	4	-	-	-	-	-	-	108	28
Hawaii-----	-	1	2	48	-	1	-	-	-	-	30	67
Puerto Rico-----	-	4	4	20	-	4	-	-	-	-	37	30

<sup>1</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 JUNE 2, 1956 AND JUNE 1, 1957—Continued

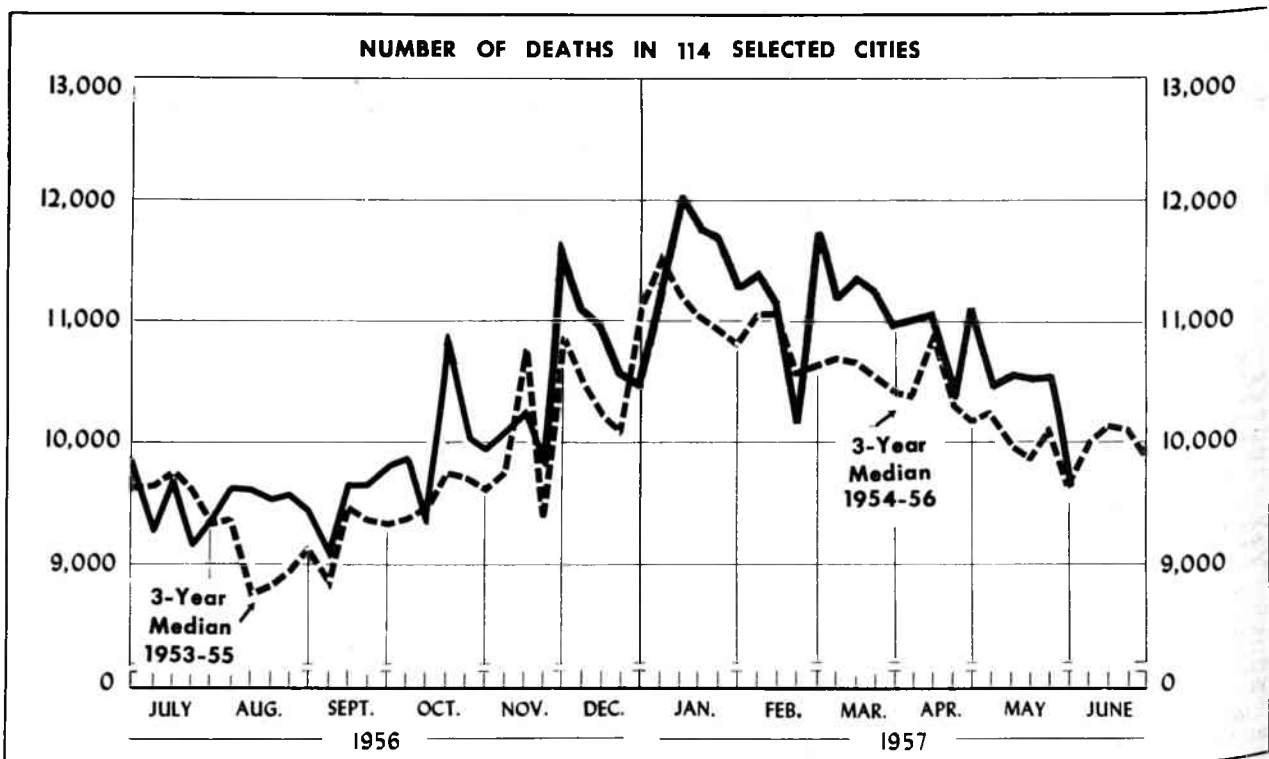
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		22d week		Cumulative first 22 weeks		101		
	057	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES-----	27	54	18	7	5	24	37	438	680	2	90	84
NEW ENGLAND-----	1	4	-	1	-	1	2	12	26	-	-	-
Maine-----	-	-	-	-	-	-	-	1	10	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	1	1	-	-	-	1	1	4	7	-	-	-
Rhode Island-----	-	1	-	-	-	-	-	4	2	-	-	-
Connecticut-----	-	2	-	1	-	-	1	2	6	-	-	-
MIDDLE ATLANTIC-----	4	9	-	-	-	8	10	49	89	-	2	10
New York-----	1	2	-	-	-	-	1	18	24	-	2	7
New Jersey-----	1	3	-	-	-	-	2	13	7	-	-	-
Pennsylvania-----	2	4	-	-	-	2 <sup>a</sup>	7	18	58	-	-	3
EAST NORTH CENTRAL-----	8	10	5	4	1	1	5	50	105	-	21	9
Ohio-----	-	2	-	-	-	-	1	22	22	-	19	2
Indiana-----	1	-	-	-	-	-	-	11	11	-	-	6
Illinois-----	1	4	5	-	-	-	-	6	14	-	-	-
Michigan-----	2	3	-	-	-	-	3	6	26	-	-	-
Wisconsin-----	4	1	-	4	1	-	1	5	32	-	2	1
WEST NORTH CENTRAL-----	1	5	1	1	1	-	3	32	99	-	21	6
Minnesota-----	-	1	-	1	1	-	1	4	31	-	6	4
Iowa-----	-	-	-	-	-	-	2	7	35	-	8	-
Missouri-----	1	4	1	-	-	-	-	13	19	-	4	2
North Dakota-----	-	-	-	-	-	-	-	1	5	-	2	-
South Dakota-----	-	-	-	-	-	-	-	3	2	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	7	-	1	-
Kansas-----	-	-	-	-	-	-	-	4	-	-	-	-
SOUTH ATLANTIC-----	4	11	4	-	1	2	8	91	112	-	15	16
Delaware-----	-	-	-	-	-	-	-	1	1	-	-	1
Maryland-----	-	1	1	-	-	-	1	2	7	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	6	9	-	-	-
Virginia-----	2	3	2	-	-	-	5	16	18	-	5	5
West Virginia-----	-	-	-	-	-	1	-	14	11	-	1	2
North Carolina-----	1	4	-	-	1	1	-	10	16	-	2	3
South Carolina-----	1	-	-	-	-	-	-	4	11	-	3	1
Georgia-----	-	-	1	-	-	-	1	15	23	-	1	3
Florida-----	-	3	-	-	-	-	1	23	16	-	3	1
EAST SOUTH CENTRAL-----	2	3	1	-	-	5	2	74	71	1	14	11
Kentucky-----	1	1	-	-	-	-	-	21	15	-	7	9
Tennessee-----	-	2	-	-	-	4	1	33	38	-	-	2
Alabama-----	1	-	-	-	-	1	1	7	5	1	4	-
Mississippi-----	-	-	1	-	-	-	-	13	13	-	3	-
WEST SOUTH CENTRAL-----	2	4	7	-	-	6	5	81	113	1	7	23
Arkansas-----	-	-	3	-	-	-	1	14	20	-	1	7
Louisiana-----	-	1	-	-	-	1	1	14	23	-	2	-
Oklahoma-----	-	1	-	-	-	2	-	11	17	-	-	-
Texas-----	2	2	4	-	-	3	3	42	53	1	4	16
MOUNTAIN-----	2	1	-	-	-	1	1	21	18	-	5	4
Montana-----	-	1	-	-	-	-	-	2	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	1	-	-	-
Wyoming-----	2	-	-	-	-	-	-	2	1	-	-	-
Colorado-----	-	-	-	-	-	1	1	5	6	-	-	-
New Mexico-----	-	-	-	-	-	-	-	6	7	-	2	-
Arizona-----	-	-	-	-	-	-	-	5	2	-	3	4
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	3	7	-	1	2	-	1	28	47	-	5	5
Washington-----	-	2	-	-	-	-	-	1	1	-	-	-
Oregon-----	-	1	-	1	-	-	-	3	5	-	-	-
California-----	3	4	-	-	1	-	1	24	41	-	5	5
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-
Hawaii-----	-	-	-	-	-	1	-	2	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	12	20	-	-	-

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

Symbol.—1 dash [-]: no cases reported.

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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, 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 DIVISIONS

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

AREA	22d week ended June 1, 1957	21st week ended May 25, 1957	22d week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 22 WEEKS		
					1957	1956	Percent change
TOTAL: 105 REPORTING CITIES-----	8,447	9,231	8,573	-1.5	213,732	210,639	+3.1
New England----- (13 cities)	395	456	405	-2.5	10,548	10,231	+0.5
Middle Atlantic----- (19 cities)	2,750	2,967	2,943	-6.6	70,054	70,294	+0.7
East North Central----- (17 cities)	1,301	1,541	1,396	-6.8	34,191	33,958	+1.9
West North Central----- (8 cities)	670	684	645	+3.9	16,416	16,106	+2.1
South Atlantic----- (10 cities)	782	817	777	+0.6	19,690	19,281	+1.3
East South Central----- (8 cities)	468	473	407	+15.0	10,858	10,717	+7.5
West South Central----- (13 cities)	841	904	709	+18.6	20,093	18,728	+7.0
Mountain----- (7 cities)	208	239	216	-3.7	5,691	5,317	+0.7
Pacific----- (10 cities)	1,032	1,150	1,004	+2.8	26,191	26,007	

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	22d week ended June 1, 1957	21st week ended May 25, 1957	CUMULATIVE NUMBER FIRST 22 WEEKS		AREA	22d week ended June 1, 1957	21st week ended May 25, 1957	CUMULATIVE NUMBER FIRST 22 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	---	(230)	---	(5,371)	St. Louis, Mo.-----	204	199	5,254	5,414
Bridgeport, Conn.-----	42	36	839	814	St. Paul, Minn.-----	66	56	1,527	1,478
Cambridge, Mass.-----	26	23	689	695	Wichita, Kans.-----	26	36	975	880
Fall River, Mass.-----	26	24	612	648	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	48	46	1,130	1,059	Atlanta, Ga.-----	109	99	2,482	2,492
Lowell, Mass.-----	19	23	609	558	Baltimore, Md.-----	217	229	5,398	5,175
Lynn, Mass.-----	11	19	472	477	Charlotte, N. C.-----	22	21	741	692
New Bedford, Mass.-----	19	32	594	532	Jacksonville, Fla.-----	52	32	1,202	1,187
New Haven, Conn.-----	35	40	1,035	1,059	Miami, Fla.-----	50	47	1,107	1,171
Providence, R. I.-----	48	73	1,424	1,389	Norfolk, Va.-----	---	(38)	---	(735)
Somerville, Mass.-----	10	12	314	370	Richmond, Va.-----	50	54	1,646	1,567
Springfield, Mass.-----	40	44	979	931	Savannah, Ga.-----	25	39	656	637
Waterbury, Conn.-----	24	29	564	576	Tampa, Fla.-----	52	61	1,464	1,367
Worcester, Mass.-----	47	55	1,287	1,123	Washington, D. C.-----	171	198	4,176	4,209
					Wilmington, Del.-----	34	37	818	784
<b>MIDDLE ATLANTIC</b>					<b>EAST SOUTH CENTRAL</b>				
Albany, N. Y.-----	49	55	1,135	1,123	Birmingham, Ala.-----	73	76	1,728	1,735
Allentown, Pa.-----	35	34	850	865	Chattanooga, Tenn.-----	41	38	1,046	958
Buffalo, N. Y.-----	81	162	3,229	3,145	Knoxville, Tenn.-----	19	31	663	787
Camden, N. J.-----	26	36	869	874	Louisville, Ky.-----	93	102	2,407	2,425
Elizabeth, N. J.-----	32	30	645	653	Memphis, Tenn.-----	101	111	2,384	2,223
Erie, Pa.-----	31	30	767	756	Mobile, Ala.-----	50	38	792	736
Jersey City, N. J.-----	62	58	1,519	1,643	Montgomery, Ala.-----	27	18	496	659
Newark, N. J.-----	58	96	2,349	2,225	Nashville, Tenn.-----	64	59	1,342	1,194
New York City, N. Y.-----	1,468	1,473	35,623	35,725	<b>WEST SOUTH CENTRAL</b>				
Paterson, N. J.-----	19	46	886	820	Austin, Tex.-----	24	23	657	652
Philadelphia, Pa.-----	425	445	10,921	11,050	Baton Rouge, La.-----	21	22	596	511
Pittsburgh, Pa.-----	172	162	4,027	4,213	Corpus Christi, Tex.-----	21	19	457	413
Reading, Pa.-----	25	28	527	500	Dallas, Tex.-----	107	105	2,467	2,324
Rochester, N. Y.-----	86	116	2,133	2,147	El Paso, Tex.-----	27	36	649	596
Schenectady, N. Y.-----	---	(19)	---	(509)	Fort Worth, Tex.-----	68	65	1,376	1,291
Scranton, Pa.-----	38	38	856	807	Houston, Tex.-----	143	156	3,327	2,968
Syracuse, N. Y.-----	55	53	1,291	1,347	Little Rock, Ark.-----	57	70	1,191	1,027
Trenton, N. J.-----	33	51	1,008	1,012	New Orleans, La.-----	145	164	3,748	3,669
Utica, N. Y.-----	25	32	737	694	Oklahoma City, Okla.-----	53	59	1,346	1,374
Yonkers, N. Y.-----	30	22	682	695	San Antonio, Tex.-----	81	95	2,100	1,906
					Shreveport, La.-----	50	36	1,078	1,004
					Tulsa, Okla.-----	44	54	1,101	993
<b>EAST NORTH CENTRAL</b>					<b>MOUNTAIN</b>				
Akron, Ohio-----	---	(48)	---	(1,197)	Albuquerque, N. Mex.-----	19	24	564	509
Canton, Ohio-----	29	30	701	650	Colorado Springs, Colo.-----	10	14	305	296
Chicago, Ill.-----	---	(809)	---	(16,746)	Denver, Colo.-----	85	103	2,485	2,457
Cincinnati, Ohio-----	121	141	3,426	3,476	Ogden, Utah-----	10	14	267	285
Cleveland, Ohio-----	179	208	4,668	4,674	Phoenix, Ariz.-----	30	19	644	598
Columbus, Ohio-----	87	114	2,510	2,432	Pueblo, Colo.-----	---	(13)	---	(274)
Dayton, Ohio-----	66	65	1,649	1,483	Salt Lake City, Utah-----	32	46	965	1,049
Detroit, Mich.-----	276	377	7,212	7,240	Tucson, Ariz.-----	22	19	461	123
Evansville, Ind.-----	29	28	708	789	<b>PACIFIC</b>				
Flint, Mich.-----	36	32	838	857	Berkeley, Calif.-----	28	12	441	403
Fort Wayne, Ind.-----	37	43	803	816	Long Beach, Calif.-----	---	(53)	---	(1,194)
Gary, Ind.-----	35	19	668	649	Los Angeles, Calif.-----	396	440	10,644	10,798
Grand Rapids, Mich.-----	46	29	912	963	Oakland, Calif.-----	---	(112)	---	(2,116)
Indianapolis, Ind.-----	75	108	2,645	2,625	Pasadena, Calif.-----	29	35	800	802
Milwaukee, Wis.-----	99	141	2,894	2,775	Portland, Oreg.-----	85	109	2,128	2,138
Peoria, Ill.-----	35	31	659	608	Sacramento, Calif.-----	47	59	1,156	1,079
South Bend, Ind.-----	22	25	546	537	San Diego, Calif.-----	61	82	1,802	1,700
Toledo, Ohio-----	76	102	2,082	2,132	San Francisco, Calif.-----	201	209	4,346	4,369
Youngstown, Ohio-----	53	48	1,270	1,252	Seattle, Wash.-----	101	125	2,950	2,838
					Spokane, Wash.-----	50	43	1,046	1,044
					Tacoma, Wash.-----	34	36	878	836
<b>WEST NORTH CENTRAL</b>									
Des Moines, Iowa-----	50	55	1,163	1,141	Honolulu, Hawaii-----	(35)	(38)	(867)	(801)
Duluth, Minn.-----	22	28	569	585					
Kansas City, Kans.-----	---	(26)	---	(692)					
Kansas City, Mo.-----	145	127	2,639	2,454					
Minneapolis, Minn.-----	107	130	2,762	2,699					
Omaha, Nebr.-----	50	53	1,527	1,455					

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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