

Morbidity and Mortality

Weekly Report



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

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 23, 1956

Of the 46 cases of typhoid fever reported this week, 11 were in the West South Central States. Eight cases each were reported in the Middle Atlantic, East North Central, and West North Central Divisions.

The number of cases (49) of meningococcal infections exceeds that (39) for the corresponding week of 1955 by 10. Of the total this week, 5 cases each were in Michigan and Illinois. Four cases each were reported in New York, Ohio, and Virginia. The cumulative total for the year to date in the country as a whole is 1,632 compared with 2,105 for the same period last year.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	180	277	1,332	2,310	2,399	3,373
Paralytic-----	94	103	683	893	1,266	1,357
Nonparalytic-----	55	114	442	798	727	1,089
Unspecified-----	31	60	207	619	406	928

EPIDEMIOLOGICAL REPORTS

Human plague

The Communicable Disease Center has received preliminary information of the occurrence of a case of human plague from its field office in San Francisco. The patient, a 43-year-old man, went fishing on June 16 in Sespe Creek in Ventura County, which is located in Southern California. Three days later he became ill with headaches, fever, nausea, vomiting, and other general aches and pains. On June 20 tenderness and swelling in the right groin developed. On June 22 he was admitted to a hospital where his illness was clinically diagnosed as plague. Blood and aspiration from bubo was sent to the State laboratory for examination. The organism has been identified as Pasteurella pestis.

This is the first case of human plague reported in the United States since January 1951 when a case occurred in New Mexico. The last previous case in California was reported in 1947. In 1948 there were no cases in the United States, but 3 cases were reported in 1949 and the same number in 1950. Of these, 5 were in New Mexico. The sixth occurred in Arizona in 1950.

Plague infection

Mr. Bertram Gross, Hawaii Department of Health, has reported the finding of one plague infection within the endemic area of the Hamakua District on May 25, 1956. This is the third for the year and is a mass flea inoculation of 12 Xenopsylla cheopis (9 males and 3 females). The fleas were obtained from rodents, Rattus norvegicus, Rattus hawaiensis, and Mus mus-

culus, trapped in District 1A, Kukuihaele area. (The last human case of plague in the Territory was reported in 1949.)

Typhoid fever

The Division of Preventable Diseases, Iowa State Department of Health, has reported a total of 44 cases of typhoid fever for January 1 through June 9, 1956, as compared with 10 for the same period of 1955. Two of the cases reported in January had onset of symptoms in December 1955. Seven cases were reported in January, 4 in February, 7 in March, 19 in April, and 7 in May. There has been no concentration of cases except in one county where 7 were reported in a population of over 200,000. Cases have occurred in all ages, from 6 months to 74 years. Twenty-one of the 44 cases have been typed as phage type E₁ which is a common type in this area.

The Washington State Department of Health reported its first typhoid case in 1956 for the week ended May 19. The patient was a 4-year-old boy who had onset of symptoms on May 8. Specimens, both blood and stool, were positive for Salmonella typhosa. Phage typing revealed the organism to be of type J. A check of carriers of type J revealed that only one such carrier resides in the city where the case was reported. This carrier had lived next door to the patient for several months prior to the child's illness. This carrier is known to have cooked a meal for the child approximately 10 days before the boy became ill.

Psittacosis

Dr. W. H. Y. Smith, Alabama Department of Public Health, has reported a case of psittacosis in a 56-year-old woman. Her illness was characterized by low fever and general malaise which persisted for 3 days. The patient was not hospitalized and responded to antibiotic therapy, making an uneventful recovery in about 1 week. The complement fixation test revealed a fourfold rise in titer for psittacosis in blood specimens collected approximately 3 weeks apart. The woman raises parakeets and had 4 in her home prior to her illness. All the birds have remained visibly healthy.

Brucellosis

The Washington State Department of Health reported 4 cases of brucellosis during May 1956. They were not laboratory confirmed but presumptive evidence for the diagnosis was good. Members of the family in which the cases occurred were known to have been drinking raw milk from their cow which was proved to have Bang's disease. Of 7 cases reported thus far in 1956, 5 followed the drinking of raw milk from family cows. One case was in a slaughterhouse worker and the other case was in a person who handled products of conception in his Bang's-infected cattle. This person also drank raw milk from his cows.

In the State of Washington 10 years ago, there was an average of 50 cases of brucellosis reported each year. The incidence rate in 1946 was 2.6 per 100,000 population. In 1952 the rate was 2.4, but since that time there has been a sharp decline in the incidence. During 1955 only 6 cases were reported, giving a rate of 0.23 which is a tenfold reduction. This reduction has been brought about by the gradual elimination of Bang's disease among cattle through the testing and eradication

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program in the State, and the almost universal use of pasteurized milk and dairy products.

Streptococcal sore throat

Dr. Clayton Steward, New York State Department of Health, has reported an outbreak of streptococcal sore throat in a community of about 4,000 inhabitants. Four hundred cases, most of which were in students of 3 schools, were reported during a 10-day period ended May 14. The outbreak was believed to have been spread by personal contact. Milk and water supplies were not incriminated. Twenty-three randomly selected families using milk from 2 local dairies were interviewed, and the impression that this was not a milkborne outbreak with a com-

mon source was confirmed.

Lymphogranuloma venereum survey

Dr. N. P. Sinaly, Section of Venereal Disease Control, Louisiana State Department of Health, surveyed 110 male inmates of an institution in January 1956. The Frei test and the lymphogranuloma venereum complement fixation test were used in this survey. Nine were positive to the Frei test but only 2 of these reacted to the L. G. V. complement fixation test. All positive reactors were examined, and none had any evidence of active disease. Eight persons gave a history of antecedent lesions compatible with lymphogranuloma venereum. A rectal and genital examination was performed on each reactor.

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	25th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 23, 1956	Ended June 25, 1955	Median 1951-55	First 25 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	1 ¹	-	-	28	17	19	(³)	(³)	(³)	(³)
Botulism-----049.1	-	-	---	21	5	---	---	---	---	---
Brucellosis (undulant fever)-----044	24	33	---	483	584	---	---	---	---	---
Diphtheria-----055	17	22	29	805	694	1,032	2,135	1,911	2,681	July 1
Encephalitis, infectious-----082	32	28	27	735	652	607	106	92	66	June 1
Hepatitis, infectious, and serum-----092, NS98.5 pt.	285	494	---	11,331	19,506	---	---	---	---	---
Malaria-----110-117	-	14	---	92	152	---	(³)	(³)	(³)	(³)
Measles-----085	16,735	10,874	11,802	530,382	483,371	483,371	559,480	537,840	537,840	Sept. 1
Meningococcal infections-----057	49	39	79	1,632	2,105	2,560	2,555	3,154	3,829	Sept. 1
Meningitis, other-----340	35	---	---	719	---	---	---	---	---	---
Poliomyelitis-----080	180	277	419	2,399	3,373	3,373	1,332	2,310	2,310	Apr. 1
Psittacosis-----096.2	18	2	---	239	160	---	(³)	(³)	(³)	(³)
Rabies in man-----094	-	-	-	5	3	---	(³)	(³)	(³)	(³)
Smallpox-----084	-	-	-	-	-	5	(³)	(³)	(³)	(³)
Typhoid fever-----040	46	26	42	4809	666	813	496	359	414	Apr. 1
Typhus fever, endemic-----101	4	4	---	43	54	---	(³)	(³)	(³)	(³)
Rabies in animals-----	51	95	107	2,759	2,957	3,937	3,786	4,310	5,481	Oct. 1

¹Reported in Pennsylvania.

²Includes revised report from New York for week of June 9.

³Frequencies are too small.

⁴Includes revised report from Iowa for week of May 12.

NOTE.—California reported 1 case of plague for the current week.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

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

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 25, 1955 AND JUNE 23, 1956

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092, N998.5 pt.			
	044		25th week		Cumulative first 25 weeks		082		25th week		Cumulative first 25 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	24	33	17	22	805	694	32	28	285	494	11,331	19,506
NEW ENGLAND-----	-	1	1	-	8	17	-	-	18	41	748	1,823
Maine-----	-	-	-	-	-	-	-	-	1	8	176	193
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	25	61
Vermont-----	-	-	-	-	-	1	-	-	-	-	96	141
Massachusetts-----	-	1	1	-	7	16	-	-	5	18	177	657
Rhode Island-----	-	-	-	-	-	-	-	-	8	5	99	264
Connecticut-----	-	-	-	-	-	-	-	-	4	10	175	507
MIDDLE ATLANTIC-----	1	1	1	1	35	34	5	12	57	137	2,407	4,957
New York-----	1	1	1	1	13	20	4	11	29	96	1,229	2,738
New Jersey-----	-	-	-	-	10	5	1	1	2	9	215	312
Pennsylvania-----	-	-	-	-	12	9	-	-	26	32	963	1,907
EAST NORTH CENTRAL-----	7	14	2	1	162	93	5	4	40	60	1,788	2,857
Ohio-----	-	-	-	-	13	26	1	-	5	14	427	486
Indiana-----	-	-	1	1	83	31	-	-	6	10	276	416
Illinois-----	2	12	1	-	4	4	1	-	9	5	426	706
Michigan-----	1	2	-	-	61	30	3	4	14	12	468	810
Wisconsin-----	4	-	-	-	1	2	-	-	6	19	191	439
WEST NORTH CENTRAL-----	8	8	-	1	81	83	2	-	29	44	983	2,498
Minnesota-----	2	-	-	1	25	28	-	-	7	7	291	877
Iowa-----	4	7	-	-	17	5	-	-	3	18	259	761
Missouri-----	1	1	-	-	9	8	1	-	2	5	53	277
North Dakota-----	-	-	-	-	-	-	-	-	-	2	78	146
South Dakota-----	1	-	-	-	3	31	1	-	7	4	124	241
Nebraska-----	-	-	-	-	25	10	-	-	6	5	82	60
Kansas-----	-	-	-	-	2	1	-	-	4	3	96	136
SOUTH ATLANTIC-----	3	7	1	9	159	178	3	1	21	47	689	1,698
Delaware-----	-	-	-	-	-	-	-	-	2	1	22	33
Maryland-----	-	-	-	5	-	9	2	-	-	11	59	231
District of Columbia-----	-	-	-	-	1	2	-	-	1	3	11	35
Virginia-----	-	1	-	-	21	13	-	1	1	13	286	737
West Virginia-----	-	2	-	-	5	11	-	-	1	1	29	183
North Carolina-----	1	-	-	-	22	27	1	-	1	3	61	204
South Carolina-----	-	2	-	2	36	35	-	-	8	1	40	41
Georgia-----	1	1	1	-	28	56	-	-	2	6	92	100
Florida-----	1	1	2	2	46	25	-	-	5	8	89	134
EAST SOUTH CENTRAL-----	1	-	4	3	107	108	1	1	29	21	976	994
Kentucky-----	-	-	2	1	7	36	-	-	13	4	296	166
Tennessee-----	-	-	-	-	19	19	1	1	13	7	455	404
Alabama-----	1	-	2	1	52	34	-	-	2	2	95	182
Mississippi-----	-	-	-	1	29	19	-	-	1	8	130	242
WEST SOUTH CENTRAL-----	2	1	6	6	203	141	-	1	13	29	838	996
Arkansas-----	-	-	-	-	17	7	-	-	-	9	80	151
Louisiana-----	1	-	1	-	21	18	-	-	2	1	71	74
Oklahoma-----	-	1	1	-	52	17	-	-	1	8	57	104
Texas-----	1	-	4	6	113	99	-	1	10	11	630	667
MOUNTAIN-----	2	-	1	1	16	11	-	2	18	25	1,078	1,464
Montana-----	-	-	-	-	-	3	-	-	5	2	278	190
Idaho-----	-	-	-	-	1	-	-	-	4	4	143	166
Wyoming-----	-	-	-	-	3	-	-	-	1	2	62	57
Colorado-----	1	-	-	-	3	-	-	-	2	5	235	286
New Mexico-----	-	-	1	-	2	1	-	-	1	2	96	255
Arizona-----	-	-	-	1	5	4	-	1	5	9	212	447
Utah-----	1	-	-	-	2	1	-	1	-	1	50	43
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	-	1	1	-	34	29	16	7	60	90	1,824	2,219
Washington-----	-	-	-	-	5	13	-	-	14	15	392	503
Oregon-----	-	1	-	-	8	-	-	-	10	13	358	617
California-----	-	-	1	-	21	16	16	7	36	62	1,074	1,099
Alaska-----	-	-	-	-	-	-	-	-	-	4	58	174
Hawaii-----	-	-	-	-	-	-	-	-	3	-	27	27
Puerto Rico-----	-	-	9	6	35	51	-	-	5	4	125	41

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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 25, 1955 AND JUNE 23, 1956—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	25th week		Cumulative first 25 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	180	277	2,399	3,373	94	103	55	114	-	14	16,735	10,874
NEW ENGLAND-----	4	7	58	50	3	5	1	2	-	-	311	1,005
Maine-----	1	1	10	6	1	-	-	1	-	-	10	60
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	26	4
Vermont-----	1	1	9	13	1	1	-	-	-	-	45	134
Massachusetts-----	1	4	26	18	1	3	-	1	-	-	88	361
Rhode Island-----	-	1	2	4	-	-	-	-	-	-	1	74
Connecticut-----	1	-	9	6	-	-	1	-	-	-	141	372
MIDDLE ATLANTIC-----	11	30	140	359	4	10	3	5	-	-	4,213	2,420
New York-----	8	16	97	216	4	10	3	5	-	-	2,080	1,161
New Jersey-----	-	4	14	45	-	-	-	-	-	-	801	841
Pennsylvania-----	3	10	29	98	-	-	-	-	-	-	1,332	418
EAST NORTH CENTRAL-----	21	42	222	381	8	8	7	18	-	-	4,792	2,733
Ohio-----	1	12	37	98	1	3	-	2	-	-	1,721	252
Indiana-----	3	4	15	31	1	1	2	2	-	-	368	22
Illinois-----	10	13	75	106	3	3	4	7	-	-	811	420
Michigan-----	3	9	53	100	3	-	-	6	-	-	992	354
Wisconsin-----	4	4	42	46	-	1	1	1	-	-	880	1,685
WEST NORTH CENTRAL-----	6	20	118	239	2	3	2	14	-	-	480	288
Minnesota-----	-	6	20	47	-	1	-	5	-	-	41	53
Iowa-----	1	3	34	52	-	-	1	3	-	-	252	105
Missouri-----	4	-	31	30	2	-	1	-	-	-	75	34
North Dakota-----	1	1	3	8	-	-	-	1	-	-	17	24
South Dakota-----	-	1	9	25	-	-	-	1	-	-	18	6
Nebraska-----	-	1	11	33	-	1	-	-	-	-	51	20
Kansas-----	-	8	10	44	-	1	-	4	-	-	26	46
SOUTH ATLANTIC-----	20	39	221	517	8	13	5	21	-	1	1,758	454
Delaware-----	-	-	3	20	-	-	-	-	-	-	43	7
Maryland-----	3	2	11	30	2	2	1	-	-	-	79	54
District of Columbia-----	-	1	-	4	-	1	-	-	-	-	24	16
Virginia-----	3	6	16	38	2	4	1	2	-	-	603	162
West Virginia-----	-	1	13	26	-	-	-	1	-	-	200	127
North Carolina-----	2	3	38	53	-	-	1	-	-	-	177	32
South Carolina-----	3	8	21	35	1	1	2	6	-	-	249	9
Georgia-----	1	4	19	69	-	2	-	2	-	-	130	28
Florida-----	8	14	100	242	3	3	-	10	-	1	253	19
EAST SOUTH CENTRAL-----	8	18	109	205	1	4	5	8	-	-	1,281	175
Kentucky-----	3	5	36	64	-	1	2	2	-	-	365	14
Tennessee-----	2	3	20	32	1	1	1	-	-	-	567	94
Alabama-----	1	3	8	43	-	1	-	2	-	-	309	39
Mississippi-----	2	7	45	66	-	1	2	4	-	-	40	28
WEST SOUTH CENTRAL-----	62	61	647	696	32	33	23	21	-	10	1,439	725
Arkansas-----	2	1	16	42	1	-	-	1	-	1	136	42
Louisiana-----	15	12	131	123	11	10	4	2	-	-	44	-
Oklahoma-----	8	3	36	39	1	-	1	-	-	1	54	67
Texas-----	37	45	464	492	19	23	18	18	-	8	1,205	616
MOUNTAIN-----	5	22	126	276	2	7	1	7	-	-	697	623
Montana-----	-	2	7	18	-	-	-	1	-	-	170	83
Idaho-----	1	7	18	95	1	5	-	2	-	-	99	40
Wyoming-----	-	1	4	10	-	-	-	1	-	-	3	3
Colorado-----	1	3	12	50	-	1	1	2	-	-	198	204
New Mexico-----	2	3	12	14	-	1	-	-	-	-	91	99
Arizona-----	1	1	50	27	1	-	-	1	-	-	88	170
Utah-----	-	2	11	28	-	-	-	-	-	-	48	22
Nevada-----	-	3	12	34	-	-	-	-	-	-	-	2
PACIFIC-----	43	38	758	650	34	20	8	18	-	3	1,764	2,451
Washington-----	3	2	32	55	2	1	-	1	-	1	523	336
Oregon-----	4	3	49	64	3	2	1	1	-	-	86	160
California-----	36	33	677	531	29	17	7	16	-	2	1,155	1,955
Alaska-----	1	-	6	9	1	-	-	-	-	-	3	26
Hawaii-----	-	1	49	21	-	1	-	-	-	3	119	90
Puerto Rico-----	4	2	25	404	-	2	4	-	-	-	37	53

¹Includes cases not specified by type, category number 080.3.²Includes delayed cases with onset late in 1954.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 25, 1955 AND JUNE 23, 1956—Continued

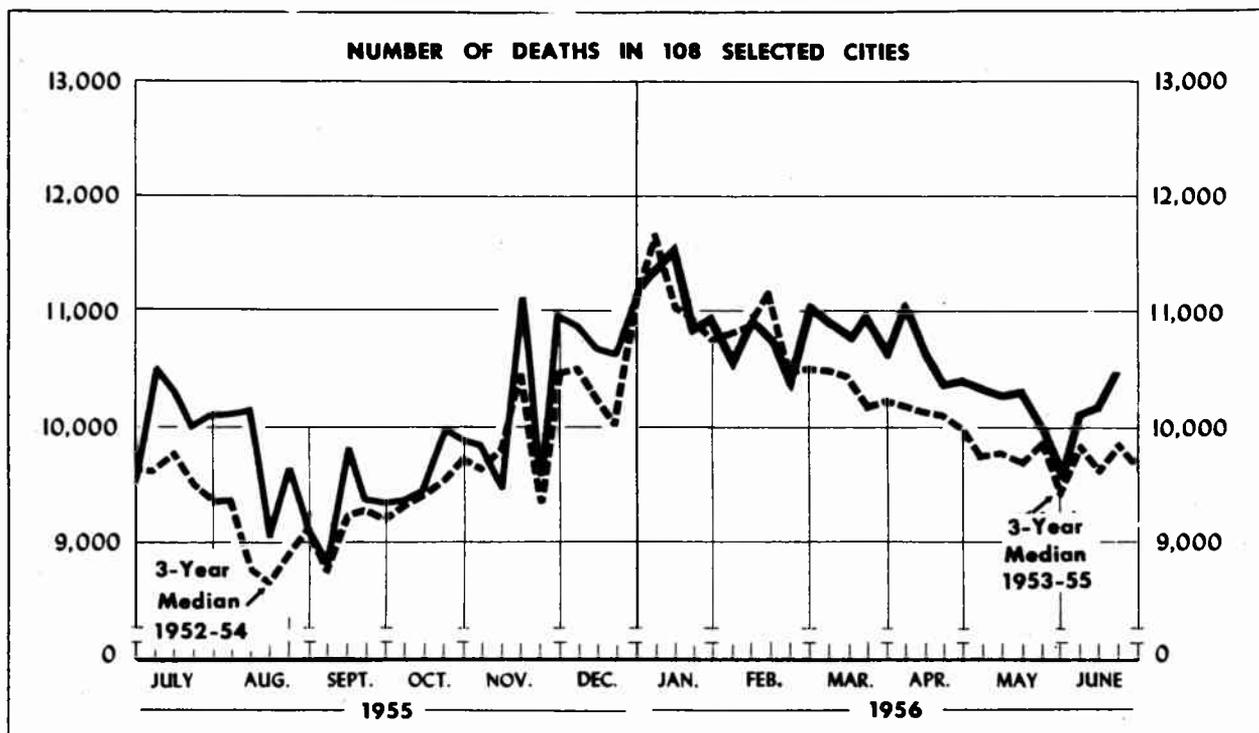
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2		25th week		Cumulative first 25 weeks			101	1956
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1956		
CONT. UNITED STATES-----	49	39	35	18	2	46	26	309	666	4	51	95
NEW ENGLAND-----	4	-	5	-	-	3	-	31	16	-	-	-
Maine-----	-	-	3	-	-	-	-	10	3	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	-	2	-	-	3	-	11	8	-	-	-
Rhode Island-----	2	-	-	-	-	-	-	2	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	7	4	-	-	-
MIDDLE ATLANTIC-----	8	9	-	2	1	8	2	113	78	-	8	11
New York-----	4	3	-	2	-	2	-	30	13	-	7	11
New Jersey-----	2	2	-	-	1	1	1	10	9	-	-	-
Pennsylvania-----	2	4	-	-	-	5	1	73	56	-	1	-
EAST NORTH CENTRAL-----	16	9	8	1	-	8	4	125	64	-	1	8
Ohio-----	4	1	-	-	-	1	1	26	27	-	-	-
Indiana-----	2	2	-	-	-	2	2	13	4	-	1	8
Illinois-----	5	4	8	1	-	1	-	16	16	-	-	-
Michigan-----	5	-	-	-	-	1	1	31	13	-	-	-
Wisconsin-----	-	2	-	-	-	3	-	39	4	-	-	-
WEST NORTH CENTRAL-----	1	1	-	8	-	8	4	114	42	-	10	7
Minnesota-----	-	-	-	8	-	-	1	31	4	-	1	2
Iowa-----	-	-	-	-	-	-	7	343	12	-	4	2
Missouri-----	-	-	-	-	-	1	1	22	17	-	4	-
North Dakota-----	-	1	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	4	-	1	3
Kansas-----	1	-	-	-	-	-	-	4	2	-	-	-
SOUTH ATLANTIC-----	10	6	8	6	-	3	5	128	132	4	18	10
Delaware-----	-	-	-	-	-	-	-	1	-	-	1	-
Maryland-----	3	-	1	-	-	-	-	8	4	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	10	3	-	-	-
Virginia-----	4	2	6	-	-	-	-	20	19	-	3	4
West Virginia-----	-	-	-	-	-	1	1	13	15	-	3	3
North Carolina-----	2	-	-	1	-	1	1	17	12	2	-	1
South Carolina-----	-	-	-	1	-	-	-	13	17	-	8	1
Georgia-----	-	-	1	4	-	1	1	28	27	1	1	1
Florida-----	1	4	-	-	-	-	2	18	35	1	2	-
EAST SOUTH CENTRAL-----	5	4	6	-	-	3	4	84	86	-	7	14
Kentucky-----	2	1	2	-	-	-	1	16	46	-	2	7
Tennessee-----	-	1	4	-	-	1	1	42	17	-	-	-
Alabama-----	2	2	-	-	-	1	2	8	17	-	5	6
Mississippi-----	1	-	-	-	-	1	-	18	6	-	-	1
WEST SOUTH CENTRAL-----	1	1	5	-	-	11	3	137	154	-	2	27
Arkansas-----	-	1	1	-	-	2	-	25	32	-	-	3
Louisiana-----	-	-	-	-	-	2	-	27	39	-	2	12
Oklahoma-----	-	-	2	-	-	1	-	19	23	-	-	-
Texas-----	1	-	2	-	-	6	3	66	60	-	-	12
MOUNTAIN-----	1	3	2	-	-	2	3	25	47	-	-	-
Montana-----	-	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	1	-	2	2	-	-	-
Wyoming-----	-	-	-	-	-	-	1	2	5	-	-	-
Colorado-----	-	3	1	-	-	-	1	7	3	-	-	-
New Mexico-----	1	-	1	-	-	-	1	7	24	-	-	-
Arizona-----	-	-	-	-	-	-	-	4	11	-	-	-
Utah-----	-	-	-	-	-	1	-	1	2	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	6	1	1	1	-	1	52	47	-	5	18
Washington-----	1	1	1	-	-	-	-	1	1	-	-	-
Oregon-----	-	-	-	-	-	-	-	6	4	-	-	-
California-----	2	5	-	1	1	-	1	45	42	-	5	18
Alaska-----	-	-	-	-	-	1	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	1	-	-	2	-	27	26	-	-	-

³Includes revised report from Iowa for week of May 12.

⁴Report for May.

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	25th week ended June 23, 1956	24th week ended June 16, 1956	25th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 25 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	10,334	10,045	9,771	+5.8	261,573	253,331	+3.5
New England----- (14 cities)	718	659	698	+2.9	17,676	17,726	-0.3
Middle Atlantic----- (17 cities)	3,169	2,838	2,967	+6.8	77,584	76,381	+1.6
East North Central----- (18 cities)	2,426	2,372	2,206	+10.0	58,294	55,983	+4.1
West North Central----- (9 cities)	753	792	763	-1.3	19,063	17,987	+6.0
South Atlantic----- (9 cities)	823	798	718	+14.6	20,580	19,214	+7.1
East South Central----- (7 cities)	340	362	353	-3.7	9,358	9,094	+2.9
West South Central----- (11 cities)	734	790	732	+0.3	20,152	18,932	+6.4
Mountain----- (7 cities)	229	238	202	+13.4	6,006	5,731	+4.8
Pacific----- (12 cities)	1,142	1,196	1,178	-3.1	32,860	32,283	+1.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 23, 1956
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	25th week ended June 23, 1956	24th week ended June 16, 1956	CUMULATIVE NUMBER FIRST 25 WEEKS		CITY	25th week ended June 23, 1956	24th week ended June 16, 1956	CUMULATIVE NUMBER FIRST 25 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	212	232	6,029	6,087	St. Louis, Mo.-----	209	225	6,071	5,472
Bridgeport, Conn.-----	49	22	922	985	St. Paul, Minn.-----	86	73	1,687	1,611
Cambridge, Mass.-----	33	30	785	729	Wichita, Kans.-----	38	33	1,006	944
Fall River, Mass.-----	29	18	730	713	SOUTH ATLANTIC				
Hartford, Conn.-----	54	62	1,228	1,182	Atlanta, Ga.-----	109	103	2,804	2,577
Lovell, Mass.-----	10	29	617	630	Baltimore, Md.-----	261	251	5,916	5,642
Lynn, Mass.-----	30	15	549	582	Charlotte, N. C.-----	31	21	780	729
New Bedford, Mass.-----	31	14	595	622	Jacksonville, Fla.-----	(41)	(40)	(1,314)	(1,209)
New Haven, Conn.-----	49	48	1,214	1,152	Miami, Fla.-----	44	45	1,298	1,302
Providence, R. I.-----	74	59	1,594	1,662	Norfolk, Va.-----	29	28	827	803
Somerville, Mass.-----	22	22	431	401	Richmond, Va.-----	80	79	1,798	1,600
Springfield, Mass.-----	39	50	1,068	1,052	Savannah, Ga.-----	(26)	(34)	(730)	(716)
Waterbury, Conn.-----	24	16	640	628	Tampa, Fla.-----	61	65	1,535	1,413
Worcester, Mass.-----	62	42	1,274	1,303	Washington, D. C.-----	163	172	4,729	4,228
MIDDLE ATLANTIC					Wilmington, Del.-----	45	34	893	920
Albany, N. Y.-----	39	46	1,249	1,189	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(42)	(24)	(979)	(920)	Birmingham, Ala.-----	66	77	1,959	1,942
Buffalo, N. Y.-----	108	136	3,587	3,425	Chattanooga, Tenn.-----	33	40	1,068	1,106
Camden, N. J.-----	43	41	987	927	Knoxville, Tenn.-----	24	30	889	826
Elizabeth, N. J.-----	28	26	740	701	Louisville, Ky.-----	---	93	---	(2,683)
Erie, Pa.-----	39	34	866	901	Memphis, Tenn.-----	100	97	2,520	2,480
Jersey City, N. J.-----	73	71	1,852	1,817	Mobile, Ala.-----	41	39	841	739
Newark, N. J.-----	107	86	2,506	2,597	Montgomery, Ala.-----	21	25	722	664
New York City, N. Y.-----	1,751	1,555	40,539	40,126	Nashville, Tenn.-----	55	54	1,359	1,337
Peterson, N. J.-----	34	41	935	963	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	472	419	12,388	12,242	Austin, Tex.-----	24	29	729	630
Pittsburgh, Pa.-----	225	129	4,742	4,509	Baton Rouge, La.-----	---	(25)	---	(551)
Reading, Pa.-----	(21)	(13)	(559)	(579)	Corpus Christi, Tex.-----	(25)	---	---	(432)
Rochester, N. Y.-----	77	81	2,385	2,355	Dallas, Tex.-----	89	117	2,621	2,431
Schenectady, N. Y.-----	25	23	585	577	El Paso, Tex.-----	35	34	702	715
Scranton, Pa.-----	(37)	(35)	(908)	(845)	Fort Worth, Tex.-----	52	67	1,459	1,361
Syracuse, N. Y.-----	54	51	1,505	1,397	Houston, Tex.-----	125	131	3,376	3,178
Trenton, N. J.-----	48	34	1,155	1,194	Little Rock, Ark.-----	33	27	1,148	1,103
Utica, N. Y.-----	22	27	766	757	New Orleans, La.-----	157	137	4,112	3,795
Yonkers, N. Y.-----	24	38	797	704	Oklahoma City, Okla.-----	62	43	1,531	1,418
EAST NORTH CENTRAL					San Antonio, Tex.-----	83	109	2,195	2,183
Akron, Ohio-----	50	51	1,345	1,363	Shreveport, La.-----	45	55	1,150	1,005
Canton, Ohio-----	29	32	742	677	Tulsa, Okla.-----	29	41	1,129	1,113
Chicago, Ill.-----	813	831	19,140	18,111	MOUNTAIN				
Cincinnati, Ohio-----	139	137	3,912	3,766	Albuquerque, N. Mex.-----	18	28	575	587
Cleveland, Ohio-----	182	209	5,268	4,957	Colorado Springs, Colo.-----	16	11	331	339
Columbus, Ohio-----	95	121	2,762	2,750	Denver, Colo.-----	106	121	2,798	2,774
Dayton, Ohio-----	64	66	1,685	1,661	Ogden, Utah-----	7	8	314	264
Detroit, Mich.-----	363	314	8,198	8,209	Phoenix, Ariz.-----	33	31	687	616
Evansville, Ind.-----	33	25	869	790	Pueblo, Colo.-----	---	(7)	---	(330)
Flint, Mich.-----	60	53	1,004	919	Salt Lake City, Utah-----	46	33	1,164	1,037
Fort Wayne, Ind.-----	36	42	921	849	Tucson, Ariz.-----	3	6	137	114
Gary, Ind.-----	---	---	---	(680)	PACIFIC				
Grand Rapids, Mich.-----	56	33	1,092	1,056	Berkeley, Calif.-----	11	15	438	467
Indianapolis, Ind.-----	121	123	3,006	2,746	Long Beach, Calif.-----	60	47	1,343	1,257
Milwaukee, Wis.-----	150	135	3,170	3,113	Los Angeles, Calif.-----	381	447	12,028	11,507
Peoria, Ill.-----	35	25	699	724	Oakland, Calif.-----	75	70	2,341	2,258
South Bend, Ind.-----	31	23	616	612	Pasadena, Calif.-----	24	32	908	891
Toledo, Ohio-----	110	97	2,430	2,389	Portland, Oreg.-----	89	109	2,439	2,434
Youngstown, Ohio-----	59	55	1,435	1,291	Sacramento, Calif.-----	54	38	1,217	1,269
WEST NORTH CENTRAL					San Diego, Calif.-----	59	70	1,895	1,820
Des Moines, Iowa-----	51	62	1,292	1,227	San Francisco, Calif.-----	191	159	4,887	4,794
Duluth, Minn.-----	32	29	688	646	Seattle, Wash.-----	131	115	3,242	3,347
Kansas City, Kans.-----	36	31	790	898	Spokane, Wash.-----	36	52	1,178	1,153
Kansas City, Mo.-----	91	115	2,771	2,720	Tacoma, Wash.-----	31	42	944	986
Minneapolis, Minn.-----	138	150	3,102	2,920	Honolulu, Hawaii-----	(26)	(35)	(895)	(909)
Omaha, Nebr.-----	72	74	1,656	1,551					

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

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