Morbidity and Mortality Weekly Report

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 18, 1956

The number of cases of poliomyelitis reported for the current week is 902 as compared with 883 for the previous week. Except for Michigan which increased from 32 to 62 cases, there was no large numerical increase in any State. Illinois showed a decrease from 218 to 180 cases. Chicago reported 133 cases, 91 of which were paralytic, and 3 deaths. The number of cases reported for the previous week was 166.

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---------	902	2,134	6,028	10,785	7,095	11,848
Paralytic----------	388	638	2,799	3,823	3,382	4,287
Nonparalytic--------	362	923	2,253	4,327	2,538	4,617
Unspecified---------	152	573	976	2,635	1,175	2,944

There were 3 cases of botulism reported by the Alaska Department of Health for the week ended August 18, 1956.

EPIDEMIOLOGICAL REPORTS

Histoplasmosis

Dr. Mason Romaine, Virginia State Department of Health, has reported a family outbreak of histoplasmosis. An acute illness occurred in the father which was first suspected to be tuberculosis because of X-ray findings. He was admitted to a Veterans' Administration hospital where both the tuberculin test and specimens of sputum were found to be negative for tuberculosis. However, a histoplasmin skin test and complement fixation test indicated that the patient had histoplasmosis. The mother and children were sent to a hospital where it was found that for them tuberculin tests were negative and histoplasmin skin tests were positive. Reports on X-rays of the chest, complement fixation tests, and other examinations are not yet available. A visit was made to the home of these people where samples of "chicken soil" were collected for laboratory examination. The father and 2 children had cleaned a chicken-house prior to onset of the father's acute illness.

Equine encephalitis

Dr. R. F. Feemster, Massachusetts Department of Public Health, reports that human and equine cases of encephalitis are under investigation in several areas in the southeastern part of the State. Two human cases and 6 in horses have been reported. Laboratory confirmation has been obtained. The wide distribution of cases is in contrast to a limited distribution of cases in horses last summer. Emergency mosquito control measures have been authorized.

The Washington State Department of Health has supplied additional information on the cases of equine encephalomyelitis reported last week. The 48 cases in horses were reported in 11 counties located in the eastern half of the State. The diagnosis of 8 suspect human cases has not been confirmed. Among these cases, 1 death has occurred. Western equine encephalitis virus has been isolated from pools of mosquitoes and from the brain tissue of 1 horse. Antibodies have been found in numerous blood specimens from chickens and horses. Mosquito control measures have been stressed in areas where equine cases have occurred.

Shigellosis

Dr. B. E. Marks, California State Department of Public Health, has reported an outbreak of dysentery among persons who ate shrimp and lobster in a hotel restaurant. Forty-four of the 277 persons eating the meal became ill after an incubation period of 2 to 3 days. No organisms were found in specimens of the canned shrimp which were obtained, but the ingredients for the meal in question were in direct contact with the hands of kitchen employees. The food was kept under refrigeration until served. One of 16 food handlers was found to be an asymptomatic carrier of Shigella flexner 4A, and the same type of organism was found in the stools of 14 of those who were ill.

Chemical poisoning

Sarah V. Dugan, Kentucky State Department of Health, has reported an outbreak in which the illness of 38 persons was suspected to have been due to ingestion of a fly spray. All of the patients drank a soft-drink beverage at a concession stand operated in connection with a drive-in theatre. Most of the persons became ill with nausea in ½ to 2 hours after drinking the beverage. Some complained of headache and a few had diarrhea. Investigation revealed that the beverage was served in paper cups which had been spread out on a counter, open side up. Straws and icebins were also uncovered. A fly spray containing DDT in a petroleum distillate had been used inside the concession stand presumably after the paper cups were set out on the counter. Although specimens of food and drink from original containers were collected, no chemical examinations were made. All the evidence pointed to contamination of the exposed paper cups as the source of the illness.

Staphylococcus food poisoning

Dr. E. G. Reuter, Yamhill County Health Officer, Oregon, has reported a small outbreak of food poisoning which occurred following the ingestion of sandwiches containing ham and cheese. The incubation period varied from 2 to 5 hours. Laboratory examination of specimens of a precooked ham revealed the presence of large numbers of hemolytic Staphylococcus aureus; and a few of the same organisms were found in a specimen of a pasteurized process cheese. The cheese may have been contaminated by a knife used to slice the ham. No lesions were found on the hands of food handlers.

Gastro-enteritis

Sarah V. Dugan has provided information on the occurrence of 5 cases of gastro-enteritis following the eating of a sugar-iced sponge layer cake. The incubation period was about 3 hours. Bacteriologic examination of specimens of the cake showed more than 30 million bacteria per gram, predominately a yellow pigmented hemolytic staphylococcus. Investigation of the bakery where the cake was made revealed no source of contamination except a considerable amount of handling of cakes during inspection, icing, and packing. Illness was reported only in persons who ate the cake about 3 days after it was baked.

Dr. J. R. Amos, Missouri Director of Health, has reported an outbreak of gastro-enteritis among 42 persons who attended a rural family dinner. Ten became ill 1 to 3 days later with gastro-intestinal symptoms, fatigue, headache, and stiffness and retraction of the neck. One of the 10 died within 24 hours after onset with symptoms of tetany. Botulism was suspected but no food remained for laboratory testing. Chemical poisoning was also considered.

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	33d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 33 weeks			Since seasonal low week			
	Ended Aug. 18, 1956	Ended Aug. 20, 1955	Median 1951-55	1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax---062	[1]1	-	-	30	20	20	(2)	(2)	(2)	(2)
Botulism---049.1	-	-	---	5	6	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)---044	24	32	---	670	823	---	---	---	---	---
Diphtheria---055	14	32	32	932	868	1,276	106	159	206	July 1
Encephalitis, infectious---082	38	35	35	1,069	908	908	440	348	348	June 1
Hepatitis, infectious, and serum---092,N998.5 pt.	276	448	---	13,573	22,994	---	---	---	---	---
Malaria---110-117	3	11	---	141	306	---	(2)	(2)	(2)	(2)
Measles---085	1,627	1,371	1,371	574,398	516,754	516,754	603,496	571,223	571,223	Sept. 1
Meningococcal infections---057	25	48	55	1,913	2,476	2,964	2,836	3,525	4,233	Sept. 1
Meningitis, other---340	55	---	---	955	---	---	---	---	---	---
Poliomyelitis---080	902	2,134	2,204	[3]7,095	11,848	14,899	6,028	10,785	13,346	Apr. 1
Psittacosis---096.2	6	6	---	360	194	---	(2)	(2)	(2)	(2)
Rabies in man---094	-	-	-	6	4	5	(2)	(2)	(2)	(2)
Smallpox---084	-	-	-	-	-	5	(2)	(2)	(2)	(2)
Typhoid fever---040	53	58	73	1,147	1,040	1,345	834	733	939	Apr. 1
Typhus fever, endemic---101	1	1	---	70	87	---	(2)	(2)	(2)	(2)
Rabies in animals---	65	78	114	3,299	3,581	4,819	4,326	4,934	6,480	Oct. 1

[1]Reported in Pennsylvania.
[2]Frequencies are too small.
[3]Includes revised reports from Iowa for weeks ended July 21 and 28; Vermont for week ended August 4; and Washington for week ended July 7.

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.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 20, 1955 AND AUGUST 18, 1956

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

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
			33d week		Cumulative first 33 weeks				33d week		Cumulative first 33 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	24	32	14	32	932	868	38	35	276	448	13,573	22,994
NEW ENGLAND	-	-	-	-	9	19	1	2	14	33	878	2,067
Maine	-	-	-	-	-	-	-	-	6	5	214	234
New Hampshire	-	-	-	-	1	-	-	-	1	-	27	63
Vermont	-	-	-	-	-	1	-	-	1	4	105	155
Massachusetts	-	-	-	-	8	18	1	2	4	6	220	738
Rhode Island	-	-	-	-	-	-	-	-	-	5	115	290
Connecticut	-	-	-	-	-	-	-	-	2	13	197	587
MIDDLE ATLANTIC	1	-	1	-	45	37	7	10	67	108	2,910	5,772
New York	1	-	-	-	17	21	7	7	40	56	1,492	3,194
New Jersey	-	-	-	-	12	6	-	3	3	6	265	362
Pennsylvania	-	-	1	-	16	10	-	-	24	46	1,153	2,216
EAST NORTH CENTRAL	4	15	-	1	174	98	11	7	25	45	2,056	3,293
Ohio	-	-	-	-	14	26	9	-	9	9	508	559
Indiana	1	-	-	1	84	32	-	6	3	8	300	482
Illinois	-	11	-	-	8	4	1	1	2	11	478	822
Michigan	1	1	-	-	66	34	1	-	5	5	537	930
Wisconsin	2	3	-	-	2	2	-	-	6	12	233	500
WEST NORTH CENTRAL	11	10	-	-	91	94	-	4	17	46	1,137	2,857
Minnesota	3	1	-	-	25	32	-	-	11	23	358	1,006
Iowa	4	6	-	-	17	5	-	-	1	4	298	821
Missouri	1	1	-	-	10	9	-	1	1	1	61	300
North Dakota	2	-	-	-	5	-	-	1	-	16	87	227
South Dakota	-	2	-	-	6	35	-	1	4	2	142	288
Nebraska	-	-	-	-	25	11	-	-	-	-	90	71
Kansas	1	-	-	-	3	2	-	1	-	-	101	144
SOUTH ATLANTIC	3	2	5	19	197	247	4	2	19	54	853	2,008
Delaware	-	-	-	-	-	1	-	-	-	3	25	40
Maryland	-	-	1	-	1	9	3	-	1	2	71	287
District of Columbia	-	-	-	-	1	2	-	-	1	-	16	37
Virginia	-	-	-	-	22	16	-	1	7	34	332	846
West Virginia	-	1	-	1	5	13	-	-	-	-	50	209
North Carolina	-	-	1	2	26	37	1	-	3	8	79	251
South Carolina	2	-	1	12	47	61	-	-	3	1	53	52
Georgia	-	-	2	3	41	72	-	-	2	2	114	118
Florida	1	1	-	1	54	36	-	1	2	4	113	168
EAST SOUTH CENTRAL	4	-	1	8	121	152	2	2	21	22	1,201	1,185
Kentucky	2	-	-	-	8	38	1	-	8	6	372	201
Tennessee	1	-	-	2	19	22	1	2	5	7	512	477
Alabama	-	-	-	5	59	70	-	-	2	2	149	223
Mississippi	1	-	1	1	35	22	-	-	6	7	168	284
WEST SOUTH CENTRAL	1	3	3	4	226	173	1	1	27	38	1,015	1,296
Arkansas	-	1	-	-	17	9	-	-	1	2	91	182
Louisiana	-	-	-	1	25	23	-	-	6	3	108	98
Oklahoma	-	-	-	-	56	22	-	-	2	1	75	129
Texas	1	2	3	3	128	119	1	1	18	32	741	887
MOUNTAIN	-	-	1	-	24	15	1	3	14	34	1,219	1,730
Montana	-	-	-	-	3	3	-	-	6	8	308	251
Idaho	-	-	-	-	1	-	1	1	1	9	158	200
Wyoming	-	-	1	-	4	-	-	-	-	-	64	65
Colorado	-	-	-	-	3	-	-	2	1	-	273	337
New Mexico	-	-	-	-	5	3	-	-	2	4	109	295
Arizona	-	-	-	-	5	6	-	-	2	13	242	513
Utah	-	-	-	-	3	1	-	-	1	-	61	49
Nevada	-	-	-	-	-	2	-	-	1	-	4	20
PACIFIC	-	2	3	-	45	33	11	4	72	68	2,304	2,786
Washington	-	1	3	-	8	16	2	-	9	14	497	613
Oregon	-	-	-	-	10	-	-	-	15	14	451	782
California	-	1	-	-	27	17	9	4	48	40	1,356	1,391
Alaska	-	-	-	-	35	-	-	-	1	18	65	208
Hawaii	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico	-	-	-	1	48	55	-	-	7	-	173	44

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 20, 1955 AND AUGUST 18, 1956—Continued

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

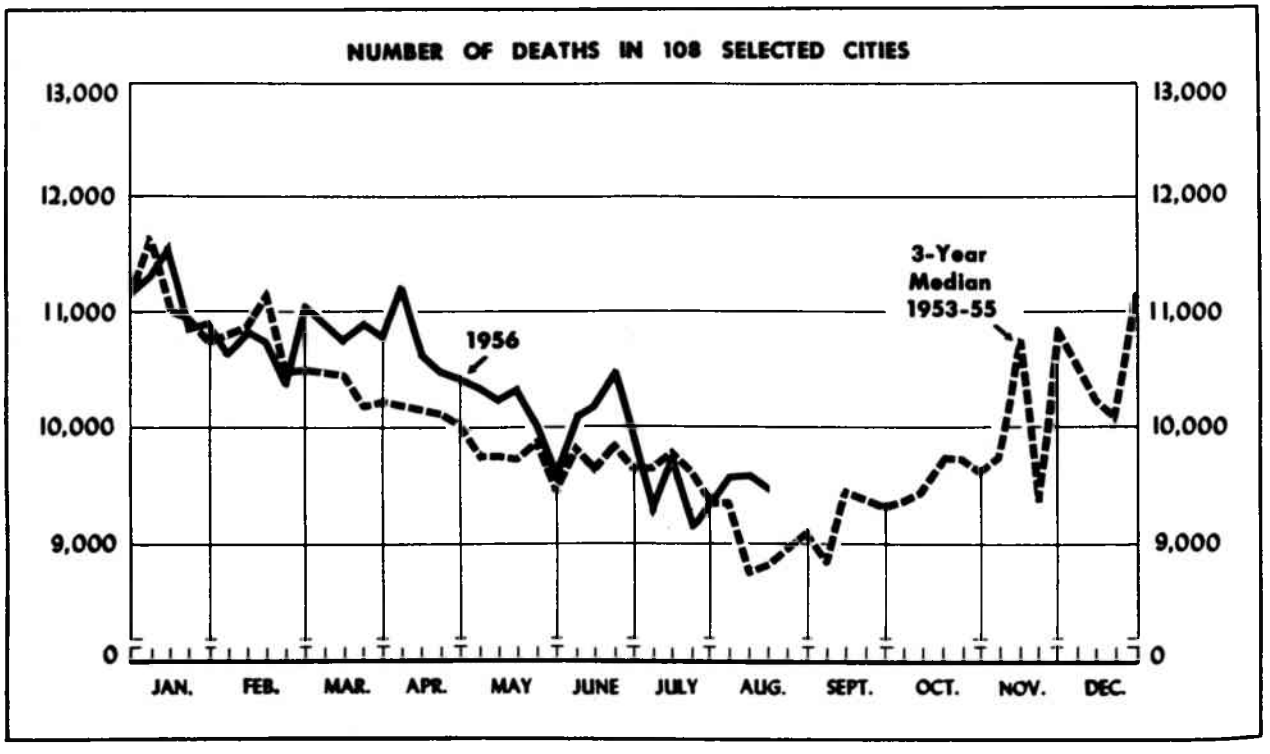
AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total[1]				Paralytic		Nonparalytic					
	33d week		Cumulative first 33 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	902	2,134	[2]7,095	11,848	388	638	362	923	3	11	1,627	1,371
NEW ENGLAND	16	611	134	2,130	5	228	10	212	-	-	38	51
Maine	-	13	12	58	-	6	-	7	-	-	7	1
New Hampshire	-	41	3	109	-	-	-	-	-	-	-	-
Vermont	-	20	16	47	-	7	-	13	-	-	12	16
Massachusetts	9	448	64	1,613	2	204	6	167	-	-	14	28
Rhode Island	-	34	7	90	-	3	-	-	-	-	-	-
Connecticut	7	55	32	213	3	8	4	25	-	-	5	6
MIDDLE ATLANTIC	64	275	416	1,299	14	53	35	79	-	-	421	230
New York	45	169	285	804	11	53	28	79	-	-	334	151
New Jersey	12	55	67	207	3	-	7	-	-	-	31	33
Pennsylvania	7	51	64	288	-	-	-	-	-	-	56	46
EAST NORTH CENTRAL	342	515	1,757	2,204	176	137	108	238	-	-	265	317
Ohio	33	91	202	455	10	11	4	17	-	-	51	76
Indiana	34	23	136	157	21	10	6	9	-	-	10	7
Illinois	180	147	1,052	513	111	47	53	67	-	-	38	64
Michigan	62	94	224	508	21	18	35	62	-	-	57	49
Wisconsin	33	160	143	571	13	51	10	83	-	-	109	121
WEST NORTH CENTRAL	115	196	573	1,031	14	43	74	132	-	-	48	31
Minnesota	16	62	62	266	2	14	14	47	-	-	-	7
Iowa	54	70	208	314	-	7	48	58	-	-	25	8
Missouri	21	13	152	102	7	7	3	4	-	-	6	7
North Dakota	2	5	8	33	1	1	1	1	-	-	13	7
South Dakota	3	3	21	41	-	-	-	2	-	-	1	1
Nebraska	7	23	51	149	1	7	5	14	-	-	2	1
Kansas	12	20	71	126	3	7	3	6	-	-	1	-
SOUTH ATLANTIC	91	159	664	1,245	42	45	35	92	1	1	244	145
Delaware	1	4	8	41	-	2	1	2	-	-	-	-
Maryland	2	23	28	105	2	11	-	12	-	-	7	16
District of Columbia	-	2	3	21	-	1	-	1	-	-	2	-
Virginia	13	27	82	175	8	6	5	21	-	-	17	58
West Virginia	7	9	49	66	4	2	2	5	-	-	107	41
North Carolina	23	43	139	222	13	10	10	27	-	-	12	15
South Carolina	11	21	56	155	2	5	5	9	-	-	28	11
Georgia	13	4	94	128	8	3	2	-	1	-	10	-
Florida	21	26	205	332	5	5	10	15	-	1	61	4
EAST SOUTH CENTRAL	45	79	306	575	14	26	22	40	1	-	118	30
Kentucky	15	36	91	228	3	13	11	21	1	-	22	6
Tennessee	14	20	62	108	5	5	8	7	-	-	64	13
Alabama	3	13	29	106	-	3	-	9	-	-	25	7
Mississippi	13	10	124	133	6	5	3	3	-	-	7	4
WEST SOUTH CENTRAL	102	146	1,465	1,604	58	41	40	55	-	3	184	151
Arkansas	11	10	84	114	8	6	3	4	-	1	10	2
Louisiana	36	16	394	222	19	8	17	8	-	-	2	-
Oklahoma	10	22	123	156	2	2	4	3	-	-	11	6
Texas	45	98	864	1,112	29	25	16	40	-	2	161	143
MOUNTAIN	36	51	370	552	12	22	11	18	1	1	56	148
Montana	2	9	21	41	-	4	1	2	-	-	5	62
Idaho	3	6	51	161	1	3	-	1	-	-	11	-
Wyoming	1	3	12	21	1	-	-	1	-	-	1	1
Colorado	11	17	50	112	6	10	5	6	-	-	7	25
New Mexico	6	5	34	68	3	3	1	2	-	-	8	22
Arizona	6	10	85	55	1	2	4	6	1	1	12	19
Utah	7	-	95	40	-	-	-	-	-	-	11	19
Nevada	-	1	22	54	-	-	-	-	-	-	1	-
PACIFIC	91	102	1,410	1,208	53	43	27	57	-	6	253	268
Washington	19	17	85	132	6	10	2	5	-	-	50	40
Oregon	7	14	88	138	4	7	3	7	-	1	38	49
California	65	71	1,237	938	43	26	22	45	-	5	165	179
Alaska	1	8	8	24	1	6	-	-	-	-	19	1
Hawaii	1	6	56	54	1	5	-	1	1	-	92	14
Puerto Rico	-	-	34	436	-	-	-	-	-	-	32	24

[1]Includes cases not specified by type, category number 080.3.
[2]Includes revised reports from Iowa for weeks ended July 21 and 28; Vermont for week ended August 4; and Washington for week ended July 7.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 20, 1955 AND AUGUST 18, 1956—Continued

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

AREA	MENINGOCOCCAL INFECTIONS 057		MENINGITIS, OTHER 340	PSITTACOSIS 096.2		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
						33d week		Cumulative first 33 weeks				
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES	25	48	55	6	6	53	58	1,147	1,040	1	65	78
NEW ENGLAND	3	3	2	-	-	1	-	40	19	-	-	-
Maine	-	1	-	-	-	-	-	12	4	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts	1	2	1	-	-	1	-	13	9	-	-	-
Rhode Island	-	-	1	-	-	-	-	5	1	-	-	-
Connecticut	2	-	-	-	-	-	-	9	5	-	-	-
MIDDLE ATLANTIC	1	6	-	1	-	7	3	154	108	-	10	16
New York	1	1	-	-	-	2	-	42	20	-	9	16
New Jersey	-	2	-	1	-	3	2	20	16	-	-	-
Pennsylvania	-	3	-	-	-	2	1	92	72	-	1	-
EAST NORTH CENTRAL	1	12	7	1	1	1	5	164	97	-	-	9
Ohio	-	1	-	-	-	-	1	32	42	-	-	6
Indiana	-	5	-	-	-	-	2	19	11	-	-	2
Illinois	1	5	6	1	1	1	1	32	22	-	-	-
Michigan	-	-	1	-	-	-	1	40	18	-	-	1
Wisconsin	-	1	-	-	-	-	-	41	4	-	-	-
WEST NORTH CENTRAL	4	1	6	1	-	5	2	147	60	-	16	9
Minnesota	-	-	-	-	-	-	-	32	5	-	7	1
Iowa	1	-	6	1	-	1	-	55	17	-	1	4
Missouri	1	-	-	-	-	1	2	34	28	-	2	3
North Dakota	1	-	-	-	-	-	-	6	-	-	-	-
South Dakota	-	1	-	-	-	-	-	3	4	-	-	-
Nebraska	1	-	-	-	-	2	-	10	4	-	6	1
Kansas	-	-	-	-	-	1	-	7	2	-	-	-
SOUTH ATLANTIC	5	6	13	2	-	16	13	189	206	-	15	17
Delaware	1	-	-	-	-	-	-	1	1	-	-	-
Maryland	1	-	1	1	-	1	3	16	15	-	-	-
District of Columbia	-	1	2	-	-	-	1	11	4	-	-	-
Virginia	-	1	6	-	-	3	3	31	31	-	4	1
West Virginia	-	-	2	-	-	2	2	19	25	-	1	1
North Carolina	2	1	-	1	-	1	1	21	19	-	-	2
South Carolina	-	1	-	-	-	5	2	22	32	-	6	10
Georgia	1	2	2	-	-	-	-	35	36	-	-	2
Florida	-	-	-	-	-	4	1	33	43	-	4	1
EAST SOUTH CENTRAL	3	9	15	-	2	8	17	138	165	-	14	10
Kentucky	-	5	8	-	-	1	5	26	79	-	2	2
Tennessee	1	-	5	-	2	1	10	55	48	-	1	5
Alabama	2	4	-	-	-	1	1	13	26	-	10	3
Mississippi	-	-	2	-	-	5	1	44	12	-	1	-
WEST SOUTH CENTRAL	-	4	7	-	1	8	14	204	242	1	4	11
Arkansas	-	-	-	-	-	1	5	42	51	-	2	3
Louisiana	-	-	-	-	-	-	-	34	44	-	2	-
Oklahoma	-	-	-	-	-	1	1	26	37	-	-	-
Texas	-	4	7	-	1	6	8	102	110	1	-	8
MOUNTAIN	2	3	3	1	1	6	1	41	78	-	2	-
Montana	1	-	-	-	1	-	-	4	1	-	-	-
Idaho	-	1	-	-	-	-	1	2	7	-	-	-
Wyoming	-	-	-	-	-	-	-	2	6	-	-	-
Colorado	-	-	3	-	-	-	-	8	7	-	-	-
New Mexico	-	-	-	-	-	-	-	11	40	-	-	-
Arizona	1	1	-	1	-	6	-	11	13	-	2	-
Utah	-	1	-	-	-	-	-	1	4	-	-	-
Nevada	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC	6	4	2	-	1	1	3	70	65	-	4	6
Washington	-	-	-	-	-	-	-	1	1	-	-	-
Oregon	1	-	2	-	-	1	1	7	8	-	-	-
California	5	4	-	-	1	-	2	62	56	-	4	6
Alaska	-	-	-	-	-	-	1	1	3	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	1	1	-	-	1	-	36	31	-	1	-



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	33d week ended Aug. 18, 1956	32d week ended Aug. 11, 1956	33d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 33 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES	8,607	8,661	7,952	+8.2	307,740	303,198	+1.5
New England (13 cities)	398	447	400	-0.5	14,924	15,067	-0.9
Middle Atlantic (17 cities)	2,682	2,587	2,530	+6.0	99,117	99,887	-0.8
East North Central (17 cities)	1,397	1,398	1,323	+5.6	50,348	49,737	+1.2
West North Central (8 cities)	684	677	610	+12.1	23,609	22,781	+3.6
South Atlantic (9 cities)	775	791	713	+8.7	26,588	25,475	+4.4
East South Central (8 cities)	413	518	428	-3.5	15,692	15,549	+0.9
West South Central (12 cities)	888	761	683	+30.0	26,909	25,238	+6.6
Mountain (8 cities)	225	240	211	+6.6	8,125	7,896	+2.9
Pacific (12 cities)	1,145	1,242	1,067	+7.3	42,428	41,568	+2.1

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 18, 1956

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

CITY	33d week ended Aug. 18, 1956	32d week ended Aug. 11, 1956	CUMULATIVE NUMBER FIRST 33 WEEKS	
			1956	1955
NEW ENGLAND				
Boston, Mass.	---	(201)	---	(7,807)
Bridgeport, Conn.	45	31	1,228	1,255
Cambridge, Mass.	27	27	990	952
Fall River, Mass.	25	15	928	919
Hartford, Conn.	34	48	1,549	1,520
Lowell, Mass.	19	44	803	841
Lynn, Mass.	21	15	696	762
New Bedford, Mass.	24	22	756	814
New Haven, Conn.	40	40	1,527	1,460
Providence, R. I.	56	77	2,084	2,121
Somerville, Mass.	10	15	526	511
Springfield, Mass.	30	48	1,374	1,363
Waterbury, Conn.	22	16	835	835
Worcester, Mass.	45	49	1,628	1,714
MIDDLE ATLANTIC				
Albany, N. Y.	44	40	1,616	1,588
Allentown, Pa.	(24)	(24)	(1,244)	(1,208)
Buffalo, N. Y.	105	134	4,634	4,505
Camden, N. J.	44	29	1,292	1,237
Elizabeth, N. J.	26	34	926	912
Erie, Pa.	34	24	1,112	1,167
Jersey City, N. J.	72	74	2,337	2,326
Newark, N. J.	97	86	3,218	3,369
New York City, N. Y.	1,379	1,329	51,492	52,190
Paterson, N. J.	43	35	1,230	1,267
Philadelphia, Pa.	408	402	15,973	16,212
Pittsburgh, Pa.	156	146	6,069	5,883
Reading, Pa.	(18)	(26)	(716)	(760)
Rochester, N. Y.	93	100	3,103	3,084
Schenectady, N. Y.	14	19	738	762
Scranton, Pa.	(31)	(32)	(1,158)	(1,100)
Syracuse, N. Y.	60	49	1,946	1,833
Trenton, N. J.	53	31	1,452	1,595
Utica, N. Y.	30	30	985	998
Yonkers, N. Y.	24	25	994	959
EAST NORTH CENTRAL				
Akron, Ohio	52	52	1,735	1,739
Canton, Ohio	21	25	938	882
Chicago, Ill.	---	(712)	---	(24,058)
Cincinnati, Ohio	146	136	5,027	4,948
Cleveland, Ohio	183	205	6,815	6,522
Columbus, Ohio	97	114	3,545	3,541
Dayton, Ohio	53	69	2,179	2,168
Detroit, Mich.	297	279	10,562	10,838
Evansville, Ind.	28	30	1,097	1,044
Flint, Mich.	38	33	1,285	1,215
Fort Wayne, Ind.	37	27	1,174	1,145
Gary, Ind.	(27)	(13)	(939)	(915)
Grand Rapids, Mich.	34	37	1,379	1,394
Indianapolis, Ind.	94	106	3,849	3,629
Milwaukee, Wis.	119	111	4,107	4,136
Peoria, Ill.	31	22	927	955
South Bend, Ind.	25	23	798	803
Toledo, Ohio	82	78	3,110	3,065
Youngstown, Ohio	60	51	1,821	1,713
WEST NORTH CENTRAL				
Des Moines, Iowa	47	38	1,673	1,687
Duluth, Minn.	19	26	878	834
Kansas City, Kans.	---	(40)	---	(1,167)
Kansas City, Mo.	102	105	3,632	3,635
Minneapolis, Minn.	100	105	3,923	3,864
Omaha, Nebr.	52	76	2,149	2,153
WEST NORTH CENTRAL—Con.				
St. Louis, Mo.	239	222	7,795	7,219
St. Paul, Minn.	81	62	2,216	2,138
Wichita, Kans.	44	43	1,343	1,251
SOUTH ATLANTIC				
Atlanta, Ga.	107	110	3,629	3,407
Baltimore, Md.	220	214	7,618	7,480
Charlotte, N. C.	24	41	1,024	920
Jacksonville, Fla.	(52)	(52)	(1,692)	(1,551)
Miami, Fla.	59	57	1,692	1,803
Norfolk, Va.	29	35	1,054	1,048
Richmond, Va.	64	73	2,338	2,134
Savannah, Ga.	(36)	(35)	(962)	(918)
Tampa, Fla.	68	68	1,989	1,835
Washington, D. C.	170	152	6,102	5,671
Wilmington, Del.	34	41	1,142	1,177
EAST SOUTH CENTRAL				
Birmingham, Ala.	79	77	2,548	2,533
Chattanooga, Tenn.	33	41	1,392	1,455
Knoxville, Tenn.	23	44	1,135	1,119
Louisville, Ky.	82	107	3,527	3,458
Memphis, Tenn.	99	120	3,286	3,256
Mobile, Ala.	33	35	1,101	958
Montgomery, Ala.	27	32	959	852
Nashville, Tenn.	37	62	1,744	1,918
WEST SOUTH CENTRAL				
Austin, Tex.	(21)	---	---	(842)
Baton Rouge, La.	30	16	737	710
Corpus Christi, Tex.	23	15	632	580
Dallas, Tex.	125	121	3,523	3,218
El Paso, Tex.	22	28	890	958
Fort Worth, Tex.	59	59	1,913	1,796
Houston, Tex.	139	107	4,415	4,117
Little Rock, Ark.	48	45	1,501	1,474
New Orleans, La.	175	147	5,317	4,940
Oklahoma City, Okla.	69	49	2,055	1,876
San Antonio, Tex.	80	96	2,891	2,845
Shreveport, La.	55	45	1,503	1,263
Tulsa, Okla.	63	33	1,532	1,461
MOUNTAIN				
Albuquerque, N. Mex.	12	28	746	758
Colorado Springs, Colo.	14	14	425	443
Denver, Colo.	104	105	3,595	3,573
Ogden, Utah	12	13	411	359
Phoenix, Ariz.	21	35	871	790
Pueblo, Colo.	10	9	398	424
Salt Lake City, Utah	46	33	1,506	1,397
Tucson, Ariz.	6	3	173	152
PACIFIC				
Berkeley, Calif.	15	15	560	588
Long Beach, Calif.	53	40	1,724	1,610
Los Angeles, Calif.	400	452	15,454	14,965
Oakland, Calif.	74	94	3,008	2,864
Pasadena, Calif.	31	32	1,176	1,188
Portland, Oreg.	83	89	3,133	3,139
Sacramento, Calif.	45	54	1,586	1,615
San Diego, Calif.	74	90	2,479	2,424
San Francisco, Calif.	163	173	6,292	6,142
Seattle, Wash.	113	116	4,206	4,260
Spokane, Wash.	55	39	1,555	1,521
Tacoma, Wash.	39	48	1,255	1,252
Honolulu, Hawaii	(35)	(42)	(1,150)	(1,184)

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

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Public Health Service
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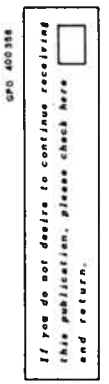

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