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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 12, 1956

Two suspect smallpox cases in southwest Missouri are under investigation. One is in a 12-year-old girl who had onset May 2; the other is in a 60-year-old woman who had onset May 4. There is no association between the 2 cases.

Of the 383 cases of infectious hepatitis reported this week, 90 were in the Middle Atlantic States, 57 in the East North Central, and 68 in the Pacific. Since January 1, a total of 9,362 cases has been reported in the country as a whole compared with 16,241 for the same period last year.

The number of poliomyelitis cases reported for the current week, disease year, and calendar year are shown below.

	Current week		Disease year		Calendar year	
	1956	1955	1956	1955	1956	1955
Total	85	205	480	738	1,548	1,801
Paralytic	39	80	258	319	842	783
Nonparalytic	32	73	146	220	431	510
Unspecified	14	52	76	199	275	508

EPIDEMIOLOGICAL REPORTS

Typhus fever

The California State Department of Public Health has supplied epidemiological information on typhus fever in the Altadena-Pasadena area. Two cases of endemic typhus fever were reported in this area during February. Laboratory tests showed a positive Weil-Felix reaction with OX_{19} for both cases. For one case the titer was 1:320 and for the other, 1:1200. The complement fixation titer for one showed an eight-fold rise, but there was no complement fixation reaction for the other case. As a result of finding potential rat harborages while investigating the first case, it was decided to conduct a survey. During this survey, 6 rats were caught, yielding 1 flea. Blood specimens from several dogs and cats gave negative complement fixation reactions. Only 2 fleas were found on these dogs and cats. So far rodent trapping has been unsuccessful. The survey will be continued with changes in trapping techniques. An effort will be made to trap stray cats for laboratory tests.

During the past 25 years, 22 cases of typhus fever (endemic type) have occurred in the foothill area of Altadena, Pasadena, and Sierra Madre. Rats have been found to be natural habitants of that area. Investigations in recent years have indicated an association between the disease and pet cats in many instances. Blood specimens and ectoparasites submitted to the laboratory have been negative for typhus. In 1952, there were 11 laboratory confirmed cases of endemic typhus during October-December. At that time a survey was made of 94 homes. From 340 persons contacted, 175 blood specimens were collected, all of which were negative for typhus by complement fixation. During 1953 there were 3 cases in that area; in 1954 only 1 such case was reported.

An endemic focus of typhus fever appears to exist in that foothill area. Although each episode was investigated by local and State health authorities, none of the investigations led to any identification of the sources.

Q fever (probable laboratory infection)

The California State Department of Public Health has given preliminary information on 5 cases of Q fever reported among employees of a biologics laboratory. One of the 5 was a maintainance man. Complement fixation tests with Q fever antigen were positive in dilutions ranging from 1:64 to 1:1024. These cases have been under investigation for several months, recently another possible case was found. Four persons of the original 5 worked with human placentas and with bovine and human blood. The placentas are no longer used in processing procedures of the laboratory. The recent suspect case was employed in the blood products unit.

Psittacosis

Dr. S. H. Osborn, Connecticut State Department of Health, has reported a case of psittacosis in a 50-year-old man. The clinical diagnosis was virus pneumonia. However, complement fixation tests on blood specimens showed an eight-fold rise in titer for psittacosis. The patient has owned 2 parakeets for several years, and the birds are in good health. He also owns numerous fowl, and blood specimens are being collected from a representative sample of each species.

Anthrax

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, has reported 3 cases of anthrax, 2 of which were associated with imported goat hair from Asia. Two of the patients worked in the same mill and lesion smears were positive for anthrax. Following a case of anthrax in this mill in January 1956, an inspection was made and air samples taken. The presence of anthrax spores was demonstrated. Recommendations for cleaning the plant and machinery were made at this time. Suggestions were also given regarding an employee educational program. When the last case was reported an official of the plant told the investigator that the company was working with public health officials on a control program. The other case was in a different mill, and the source of infection was not stated.

Disease of unknown etiology

Dr. James O. Bond, Florida State Board of Health, reports that in a small town a disease syndrome has been observed which resembles an occurrence in another part of the State in 1954. A total of 64 cases, all but one in adult females, has been seen during the past 10 weeks. Symptoms have been sharp, recurrent pains in the muscles of the neck, thorax, and shoulders; severe headache; disturbance in coordination; and some transient motor and sensory disturbances. Nystagmus and hyperactive reflexes have been found. Routine laboratory studies have shown no abnormalities, but special virological studies on 9 patients are being conducted.

Malaria

Dr. J. D. Martin, Louisiana State Department of Health, has reported a case of malaria in a man who recently returned from a 2-month hunting trip in Mexico. The onset of illness took place 7 days prior to date of his return, but he did not

consult a physician until after his return. The illness was characterized by chills, fever, generalized pains, cough, severe headache, and nausea. The diagnosis was confirmed by thick and thin blood smears in which Plasmodium vivax parasites were identified.

Histoplasmosis

Dr. F. H. Wentworth, Ohio Department of Health, has reported 3 cases of histoplasmosis in persons who cleaned the bell tower of a local church. The onset of illness was 5 or 6 days following this exposure. The illness was characterized by sudden onset, malaise, chills, fever, nausea, anorexia, headache, and nonproductive cough. X-rays of the chest in all 3 showed diffuse granular pneumonia infiltration compatible with histoplasmosis. Complement fixation tests with yeast phage antigen were negative on acute sera and positive in a dilution of 1:80 for 2 patients and 1:40 for the third patient on convalescent sera. Specimens of dust and pigeon manure obtained from the church tower are being processed for Histoplasma capsulatum.

Salmonellosis

The California State Department of Public Health has reported an outbreak of diarrhea among newborn infants in a hospital nursery. Of 8 infants in one unit, 5 became ill within a period of 3 days. Nine days before the appearance of the first case, a 47-year-old woman was admitted to the isolation unit of this hospital because of suspected tuberculosis. She apparently was also having gastro-intestinal symptoms. The laboratory reported the isolation of Salmonella oranienburg from her stool specimen. The only known possible contacts between this patient and the nursery were the hospital medical officers and the nursing supervisors. The source of infection was not found.

During the first 3 months of 1956, S. oranienburg infections have been more prevalent than usual elsewhere in the State. Of 65 known cases during this period, 50 occurred in the bay area counties—Alameda, Marin, San Francisco, San Mateo, and Santa Clara. In addition to the 5 cases reported above, there were 3 other cases in newborn infants in a southern California city

Continued on page 8

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	19th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 19 weeks			Since seasonal low week			
	Ended May 12, 1956	Ended May 14, 1955	Median 1951-55	1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	[1]1	-	-	25	12	14	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	-	5	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	22	30	---	340	417	---	---	---	---	---
Diphtheria-----055	23	20	43	679	572	830	2,009	1,789	2,479	July 1
Encephalitis, infectious-----082	33	30	30	509	466	461	1,460	1,818	1,194	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	383	623	---	9,362	16,241	---	---	---	---	---
Malaria-----110-117	7	7	---	64	87	---	(2)	(2)	(2)	(2)
Measles-----085	33,892	24,078	25,049	377,051	380,378	380,378	406,149	434,847	434,847	Sept. 1
Meningococcal infections-----057	66	78	89	1,317	1,748	2,098	2,240	2,797	3,367	Sept. 1
Meningitis, other-----340	30	---	---	557	---	---	---	---	---	---
Poliomyelitis-----080	85	205	151	1,548	1,801	1,801	480	738	636	Apr. 1
Psittacosis-----096.2	15	11	---	153	133	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	5	3	3	(2)	(2)	(2)	(2)
Smallpox-----084	-	-	-	-	-	3	(2)	(2)	(2)	(2)
Typhoid fever-----040	33	40	33	529	498	563	216	191	173	Apr. 1
Typhus fever, endemic-----101	3	2	---	29	27	---	(2)	(2)	(2)	(2)
Rabies in animals-----	100	95	164	2,271	2,401	3,187	3,298	3,754	4,731	Oct. 1

[1]Reported in Pennsylvania.
[2]Frequencies are too small.

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 MAY 14, 1955 AND MAY 12, 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.			
			19th week		Cumulative first 19 weeks				19th week		Cumulative first 19 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	22	30	23	20	679	572	33	30	383	623	9,362	16,241
NEW ENGLAND	-	-	1	1	5	16	1	3	28	54	612	1,505
Maine	-	-	-	-	-	-	-	-	5	5	144	142
New Hampshire	-	-	-	-	1	-	-	-	3	1	24	52
Vermont	-	-	-	-	-	1	-	-	2	2	89	111
Massachusetts	-	-	1	1	4	15	1	3	5	23	137	559
Rhode Island	-	-	-	-	-	-	-	-	2	6	69	211
Connecticut	-	-	-	-	-	-	-	-	11	17	149	430
MIDDLE ATLANTIC	1	1	3	-	27	27	12	9	90	176	1,972	4,156
New York	1	1	-	-	10	18	12	9	60	98	1,008	2,201
New Jersey	-	-	3	-	8	2	-	-	8	5	166	273
Pennsylvania	-	-	-	-	9	7	-	-	22	73	798	1,682
EAST NORTH CENTRAL	4	8	3	1	137	80	8	3	57	84	1,461	2,326
Ohio	-	-	-	-	12	22	2	-	16	21	361	400
Indiana	1	-	1	-	71	29	2	-	6	12	234	360
Illinois	2	2	-	-	3	3	1	-	9	8	354	540
Michigan	1	1	2	1	50	24	3	3	24	33	355	700
Wisconsin	-	5	-	-	1	2	-	-	2	10	157	326
WEST NORTH CENTRAL	8	10	-	2	75	76	-	3	32	75	824	2,183
Minnesota	1	5	-	2	24	26	-	-	10	23	239	761
Iowa	6	5	-	-	16	4	-	-	9	21	206	676
Missouri	-	-	-	-	8	6	-	1	5	7	45	239
North Dakota	1	-	-	-	-	-	-	1	1	2	73	130
South Dakota	-	-	-	-	1	29	-	-	3	4	106	219
Nebraska	-	-	-	-	24	10	-	-	2	7	66	48
Kansas	-	-	-	-	2	1	-	1	2	11	89	110
SOUTH ATLANTIC	2	2	2	5	129	148	-	1	26	46	545	1,417
Delaware	-	-	-	-	-	-	-	-	-	-	14	26
Maryland	-	-	-	-	-	3	-	-	-	8	52	167
District of Columbia	-	-	-	-	1	2	-	-	-	1	8	25
Virginia	-	2	-	-	20	11	-	1	17	18	235	632
West Virginia	-	-	-	2	4	10	-	-	-	4	24	171
North Carolina	1	-	-	-	16	22	-	-	1	8	49	172
South Carolina	-	-	2	2	25	29	-	-	1	-	26	32
Georgia	1	-	-	1	24	52	-	-	4	3	71	87
Florida	-	-	-	-	39	19	-	-	3	4	66	105
EAST SOUTH CENTRAL	2	3	1	5	93	79	-	2	39	30	818	829
Kentucky	2	1	-	1	4	16	-	-	12	8	246	133
Tennessee	-	2	-	1	17	15	-	1	19	9	382	358
Alabama	-	-	-	2	47	31	-	-	5	3	82	148
Mississippi	-	-	1	1	25	17	-	1	3	10	108	190
WEST SOUTH CENTRAL	4	4	11	4	172	120	4	2	15	27	694	797
Arkansas	1	2	1	-	17	7	-	-	-	7	71	112
Louisiana	2	2	-	-	17	18	-	-	1	-	38	50
Oklahoma	-	-	1	1	50	15	1	-	4	2	46	78
Texas	1	-	9	3	88	80	3	2	10	18	539	557
MOUNTAIN	1	1	-	-	14	5	-	1	28	52	968	1,251
Montana	-	-	-	-	-	2	-	1	2	11	261	151
Idaho	-	-	-	-	1	-	-	-	5	8	125	145
Wyoming	-	-	-	-	3	-	-	-	2	11	54	46
Colorado	-	-	-	-	3	-	-	-	6	4	200	248
New Mexico	1	-	-	-	1	-	-	-	1	7	85	237
Arizona	-	-	-	-	5	1	-	-	2	8	197	363
Utah	-	1	-	-	1	1	-	-	10	3	44	41
Nevada	-	-	-	-	-	1	-	-	-	-	2	20
PACIFIC	-	1	2	2	27	21	8	6	68	79	1,468	1,777
Washington	-	-	-	1	3	9	-	-	12	18	324	393
Oregon	-	-	-	-	8	-	-	1	11	28	280	514
California	-	1	2	1	16	12	8	5	45	33	864	870
Alaska	-	-	-	-	-	-	-	-	1	-	53	144
Hawaii	-	-	-	-	-	-	-	-	2	3	18	27
Puerto Rico	-	-	2	1	20	37	-	-	9	-	98	33

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 14, 1955 AND MAY 12, 1956—Continued

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

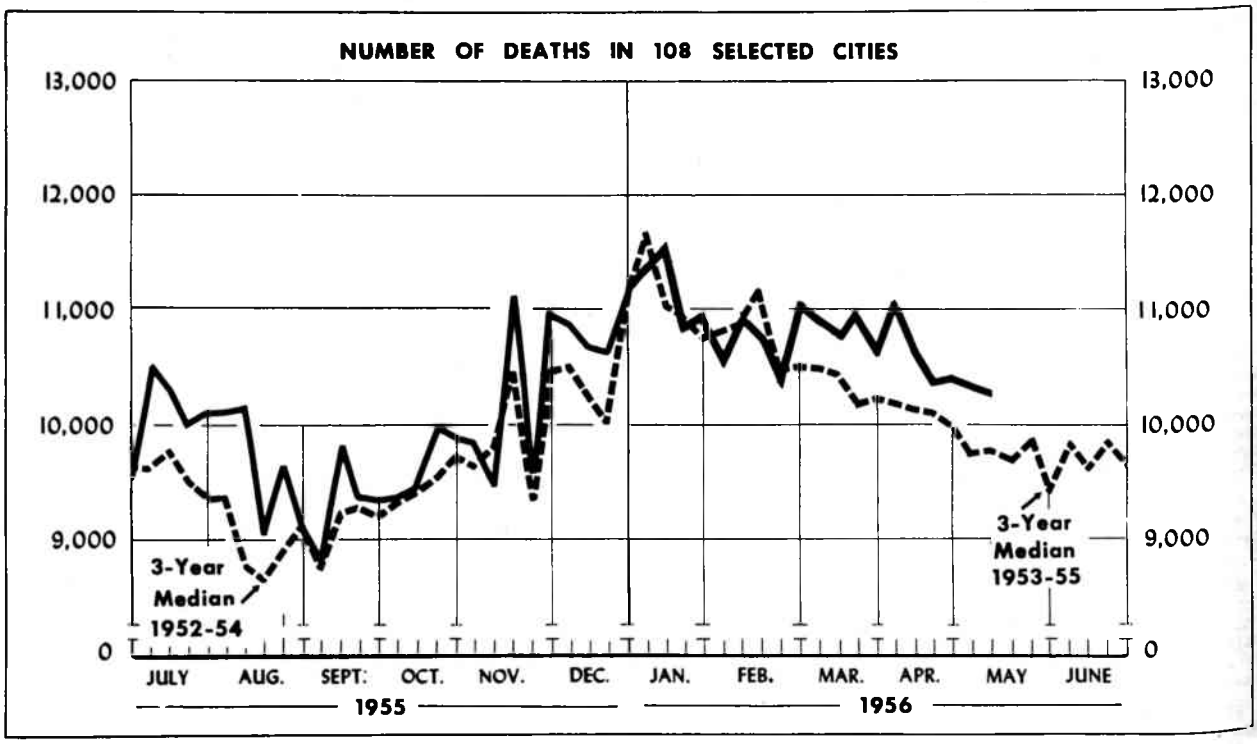
AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total[1]				Paralytic		Nonparalytic					
	19th week		Cumulative first 19 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	85	205	1,548	1,801	39	80	32	73	7	7	33,892	24,078
NEW ENGLAND	1	2	41	36	1	2	-	-	-	-	347	2,554
Maine	-	-	8	3	-	-	-	-	-	-	11	104
New Hampshire	-	-	2	3	-	-	-	-	-	-	-	54
Vermont	-	-	7	11	-	-	-	-	-	-	15	206
Massachusetts	1	1	19	11	1	1	-	-	-	-	73	1,004
Rhode Island	-	1	2	2	-	1	-	-	-	-	-	110
Connecticut	-	-	3	6	-	-	-	-	-	-	248	1,076
MIDDLE ATLANTIC	5	23	100	197	-	6	-	4	-	-	6,586	4,787
New York	4	12	72	121	-	6	-	4	-	-	2,865	1,503
New Jersey	-	1	9	26	-	-	-	-	-	-	1,233	2,080
Pennsylvania	1	10	19	50	-	-	-	-	-	-	2,488	1,204
EAST NORTH CENTRAL	6	25	121	193	4	9	1	8	-	1	9,953	6,657
Ohio	1	2	24	43	-	-	-	1	-	1	3,027	1,309
Indiana	-	6	8	20	-	1	-	-	-	-	1,306	364
Illinois	1	7	25	53	1	5	-	1	-	-	2,072	549
Michigan	-	10	36	59	-	3	-	6	-	-	2,350	668
Wisconsin	4	-	28	18	3	-	1	-	-	-	1,198	3,767
WEST NORTH CENTRAL	5	13	75	135	-	4	3	9	-	-	1,239	868
Minnesota	-	2	13	23	-	-	-	2	-	-	47	137
Iowa	-	3	19	29	-	1	-	2	-	-	590	286
Missouri	2	2	19	18	-	2	1	-	-	-	355	211
North Dakota	-	1	2	4	-	-	-	1	-	-	117	28
South Dakota	-	-	8	13	-	-	-	-	-	-	5	8
Nebraska	2	3	6	22	-	1	1	2	-	-	100	8
Kansas	1	2	8	26	-	-	1	2	-	-	25	190
SOUTH ATLANTIC	9	28	128	300	2	8	4	13	-	-	3,652	772
Delaware	-	2	1	7	-	2	-	-	-	-	50	10
Maryland	-	-	4	7	-	-	-	-	-	-	169	114
District of Columbia	-	-	-	-	-	-	-	-	-	-	43	19
Virginia	-	4	5	14	-	2	-	2	-	-	1,440	147
West Virginia	1	4	8	16	-	1	1	-	-	-	516	166
North Carolina	1	4	27	37	-	-	1	2	-	-	364	78
South Carolina	2	1	11	16	1	1	1	-	-	-	438	67
Georgia	-	8	13	41	-	2	-	5	-	-	338	101
Florida	5	5	59	[2]162	1	-	1	4	-	-	294	70
EAST SOUTH CENTRAL	4	10	69	94	1	2	1	5	-	-	2,810	450
Kentucky	1	1	24	36	-	-	-	-	-	-	1,093	41
Tennessee	2	-	12	15	1	-	1	-	-	-	1,178	259
Alabama	1	1	3	12	-	1	-	-	-	-	355	84
Mississippi	-	8	30	31	-	1	-	5	-	-	184	66
WEST SOUTH CENTRAL	23	25	362	309	10	11	12	10	7	4	5,610	2,109
Arkansas	1	2	13	20	-	-	1	2	-	-	702	195
Louisiana	2	4	66	60	1	3	1	1	-	-	98	6
Oklahoma	2	-	16	22	-	-	2	-	3	1	536	143
Texas	18	19	267	207	9	8	8	7	4	3	4,274	1,765
MOUNTAIN	2	23	93	136	2	6	-	1	-	-	1,572	943
Montana	-	1	6	13	-	1	-	-	-	-	165	44
Idaho	1	9	12	33	1	-	-	-	-	-	202	15
Wyoming	-	2	3	9	-	-	-	1	-	-	37	2
Colorado	-	3	9	20	-	3	-	-	-	-	730	198
New Mexico	-	1	5	7	-	1	-	-	-	-	223	134
Arizona	1	1	39	16	1	1	-	-	-	-	180	474
Utah	-	1	8	23	-	-	-	-	-	-	34	19
Nevada	-	5	11	15	-	-	-	-	-	-	1	57
PACIFIC	30	56	559	401	19	32	11	23	-	2	2,123	4,938
Washington	1	4	23	31	1	3	-	1	-	1	650	481
Oregon	3	7	38	39	2	4	1	2	-	-	73	265
California	26	45	498	331	16	25	10	20	-	1	1,400	4,194
Alaska	-	-	2	7	-	-	-	-	-	-	23	5
Hawaii	1	-	45	12	-	-	1	-	-	1	40	216
Puerto Rico	1	11	14	366	1	-	-	-	-	-	16	140

[1]Includes cases not specified by type, category number 080.3.
[2]Includes delayed cases with onset late in 1954.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 14, 1955 AND MAY 12, 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	
						19th week		Cumulative first 19 weeks				
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES	66	78	30	15	11	33	40	529	498	3	100	95
NEW ENGLAND	9	4	6	1	-	3	-	21	9	-	-	-
Maine	3	-	-	-	-	1	-	10	2	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	3	3	2	-	-	2	-	6	5	-	-	-
Rhode Island	2	-	4	-	-	-	-	1	-	-	-	-
Connecticut	1	1	-	1	-	-	-	4	2	-	-	-
MIDDLE ATLANTIC	6	13	-	4	4	1	4	67	66	-	9	8
New York	3	4	-	1	4	-	-	21	13	-	8	7
New Jersey	1	2	-	-	-	-	-	3	7	-	-	-
Pennsylvania	2	7	-	3	-	1	4	43	46	-	1	1
EAST NORTH CENTRAL	10	12	11	4	1	10	4	82	49	-	9	11
Ohio	5	4	-	1	1	2	-	20	24	-	-	3
Indiana	2	-	3	-	-	2	-	11	-	-	7	2
Illinois	1	3	4	3	-	3	3	10	12	-	-	1
Michigan	1	4	4	-	-	2	-	15	10	-	-	5
Wisconsin	1	1	-	-	-	1	1	26	3	-	2	-
WEST NORTH CENTRAL	7	9	2	4	3	7	4	72	34	-	15	13
Minnesota	-	1	-	4	2	3	1	30	3	-	2	2
Iowa	1	-	2	-	1	-	1	10	9	-	6	3
Missouri	5	6	-	-	-	2	2	18	15	-	6	7
North Dakota	-	-	-	-	-	1	-	5	-	-	-	-
South Dakota	-	-	-	-	-	-	-	2	3	-	-	-
Nebraska	1	-	-	-	-	1	-	7	2	-	1	1
Kansas	-	2	-	-	-	-	-	-	2	-	-	-
SOUTH ATLANTIC	11	16	2	-	1	5	12	84	101	-	18	23
Delaware	-	-	-	-	-	-	-	1	-	-	1	-
Maryland	-	2	-	-	-	-	-	4	3	-	-	-
District of Columbia	-	-	1	-	-	-	-	9	3	-	-	-
Virginia	6	3	-	-	-	1	-	9	18	-	6	3
West Virginia	2	2	-	-	-	1	-	9	11	-	1	3
North Carolina	1	4	-	-	-	1	-	14	7	-	1	5
South Carolina	2	-	1	-	-	-	2	9	12	-	9	9
Georgia	-	2	-	-	1	2	2	18	23	-	-	2
Florida	-	3	-	-	-	-	8	11	24	-	-	1
EAST SOUTH CENTRAL	4	4	3	1	-	1	5	55	58	-	21	22
Kentucky	1	1	2	-	-	-	2	12	35	-	5	11
Tennessee	-	1	1	1	-	-	1	30	12	-	2	2
Alabama	3	1	-	-	-	-	2	3	10	-	12	6
Mississippi	-	1	-	-	-	1	-	10	1	-	2	3
WEST SOUTH CENTRAL	10	7	2	-	1	3	10	93	109	2	24	14
Arkansas	-	-	1	-	-	1	2	17	22	-	7	1
Louisiana	5	1	-	-	-	-	-	18	29	-	-	-
Oklahoma	-	2	1	-	-	1	4	17	17	-	-	-
Texas	5	4	-	-	1	1	4	41	41	2	17	13
MOUNTAIN	3	3	2	-	-	-	1	15	33	1	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	1	2	-	-	-
Wyoming	-	-	-	-	-	-	-	-	2	-	-	-
Colorado	2	3	1	-	-	-	-	4	1	-	-	-
New Mexico	1	-	1	-	-	-	-	7	16	-	-	-
Arizona	-	-	-	-	-	-	1	2	10	1	-	-
Utah	-	-	-	-	-	-	-	-	2	-	-	-
Nevada	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC	6	10	2	1	1	3	-	40	39	-	4	4
Washington	-	3	1	-	-	-	-	-	1	-	-	-
Oregon	2	1	1	-	-	-	-	5	3	-	-	-
California	4	6	-	1	1	3	-	35	35	-	4	4
Alaska	1	-	-	-	-	-	-	-	2	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	3	-	5	-	-	1	-	19	23	-	-	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	19th week ended May 12, 1956	18th week ended May 5, 1956	19th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 19 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES	10,140	10,206	9,649	+5.1	202,329	196,687	+2.9
New England (14 cities)	737	704	670	+10.0	13,659	13,908	-1.8
Middle Atlantic (17 cities)	3,048	3,059	2,850	+6.9	59,873	59,345	+0.9
East North Central (18 cities)	2,233	2,226	2,140	+4.3	44,664	43,109	+3.6
West North Central (8 cities)	664	748	707	-6.1	14,048	13,172	+6.7
South Atlantic (8 cities)	704	738	670	+5.1	14,827	13,928	+6.5
East South Central (8 cities)	451	459	450	+0.2	9,329	9,060	+3.0
West South Central (12 cities)	751	842	686	+9.5	15,840	14,943	+6.0
Mountain (7 cities)	220	218	207	+6.3	4,406	4,249	+3.7
Pacific (12 cities)	1,332	1,212	1,269	+5.0	25,683	24,973	+2.8

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 12, 1956

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

CITY	19th week ended May 12, 1956	18th week ended May 5, 1956	CUMULATIVE NUMBER FIRST 19 WEEKS	
			1956	1955
NEW ENGLAND				
Boston, Mass.	252	252	4,692	4,802
Bridgeport, Conn.	36	43	704	741
Cambridge, Mass.	30	28	609	572
Fall River, Mass.	38	30	566	567
Hartford, Conn.	50	49	940	932
Lowell, Mass.	36	30	492	477
Lynn, Mass.	19	27	414	478
New Bedford, Mass.	17	27	468	478
New Haven, Conn.	34	40	930	879
Providence, R. I.	75	44	1,237	1,316
Somerville, Mass.	19	15	324	320
Springfield, Mass.	38	28	815	829
Waterbury, Conn.	26	24	492	480
Worcester, Mass.	67	67	976	1,037
MIDDLE ATLANTIC				
Albany, N. Y.	46	50	983	918
Allentown, Pa.	(48	(23	(737	(726
Buffalo, N. Y.	175	136	2,785	2,663
Camden, N. J.	38	35	765	723
Elizabeth, N. J.	27	24	574	547
Erie, Pa.	33	30	657	695
Jersey City, N. J.	50	76	1,442	1,421
Newark, N. J.	86	113	1,918	2,012
New York City, N. Y.	1,563	1,603	31,027	31,190
Paterson, N. J.	43	30	718	764
Philadelphia, Pa.	502	505	9,708	9,560
Pittsburgh, Pa.	176	185	3,664	3,476
Reading, Pa.	(24)	(23)	(449)	(435)
Rochester, N. Y.	106	93	1,880	1,814
Schenectady, N. Y.	17	24	445	440
Scranton, Pa.	(37)	(33)	(674)	(664)
Syracuse, N. Y.	69	62	1,172	1,056
Trenton, N. J.	49	49	893	925
Utica, N. Y.	42	18	620	586
Yonkers, N. Y.	26	26	622	555
EAST NORTH CENTRAL				
Akron, Ohio	50	62	1,040	1,030
Canton, Ohio	33	34	570	497
Chicago, Ill.	721	708	14,636	13,951
Cincinnati, Ohio	148	133	3,073	2,907
Cleveland, Ohio	214	189	4,044	3,867
Columbus, Ohio	86	96	2,130	2,126
Dayton, Ohio	61	59	1,284	1,274
Detroit, Mich.	337	344	6,300	6,337
Evansville, Ind.	50	31	698	603
Flint, Mich.	43	46	739	694
Fort Wayne, Ind.	27	31	694	639
Gary, Ind.	---	---	---	(521)
Grand Rapids, Mich.	55	45	836	811
Indianapolis, Ind.	85	96	2,261	2,112
Milwaukee, Wis.	128	130	2,405	2,362
Peoria, Ill.	29	34	538	556
South Bend, Ind.	20	31	477	464
Toledo, Ohio	99	93	1,859	1,872
Youngstown, Ohio	47	64	1,080	1,007
WEST NORTH CENTRAL				
Des Moines, Iowa	62	43	991	950
Duluth, Minn.	33	42	517	492
Kansas City, Kans.	---	(35)	---	(678)
Kansas City, Mo.	101	116	2,098	2,103
Minneapolis, Minn.	105	138	2,383	2,235
Omaha, Nebr.	53	70	1,262	1,168
St. Louis, Mo.	194	228	4,736	4,234
St. Paul, Minn.	70	62	1,268	1,265
Wichita, Kans.	46	49	793	725
SOUTH ATLANTIC				
Atlanta, Ga.	95	115	2,146	1,989
Baltimore, Md.	221	227	4,518	4,420
Charlotte, N. C.	39	34	615	586
Jacksonville, Fla.	(55)	(42)	(1,037)	(942)
Miami, Fla.	---	(54)	---	(983)
Norfolk, Va.	40	18	646	634
Richmond, Va.	66	68	1,372	1,245
Savannah, Ga.	(26)	(45)	(563)	(551)
Tampa, Fla.	63	73	1,199	1,108
Washington, D. C.	161	171	3,644	3,235
Wilmington, Del.	19	32	687	711
EAST SOUTH CENTRAL				
Birmingham, Ala.	81	66	1,502	1,524
Chattanooga, Tenn.	61	40	824	855
Knoxville, Tenn.	37	30	701	640
Louisville, Ky.	93	106	2,103	2,094
Memphis, Tenn.	82	98	1,946	1,880
Mobile, Ala.	18	34	641	562
Montgomery, Ala.	29	36	558	511
Nashville, Tenn.	50	49	1,054	994
WEST SOUTH CENTRAL				
Austin, Tex.	---	(32)	---	(490)
Baton Rouge, La.	34	22	433	435
Corpus Christi, Tex.	18	17	359	337
Dallas, Tex.	88	128	2,004	1,866
El Paso, Tex.	22	23	524	536
Fort Worth, Tex.	50	62	1,133	1,055
Houston, Tex.	137	150	2,605	2,479
Little Rock, Ark.	34	67	913	846
New Orleans, La.	126	156	3,227	2,944
Oklahoma City, Okla.	54	59	1,220	1,094
San Antonio, Tex.	87	72	1,648	1,698
Shreveport, La.	35	54	884	779
Tulsa, Okla.	66	32	890	874
MOUNTAIN				
Albuquerque, N. Mex.	---	(17)	---	(465)
Colorado Springs, Colo.	15	14	263	268
Denver, Colo.	109	112	2,126	2,157
Ogden, Utah	17	11	247	200
Phoenix, Ariz.	22	32	534	486
Pueblo, Colo.	7	4	228	254
Salt Lake City, Utah	44	41	898	792
Tucson, Ariz.	6	4	110	92
PACIFIC				
Berkeley, Calif.	22	18	356	357
Long Beach, Calif.	48	50	1,027	972
Los Angeles, Calif.	489	412	9,481	8,961
Oakland, Calif.	90	92	1,826	1,734
Pasadena, Calif.	39	24	708	684
Portland, Oreg.	74	104	1,857	1,850
Sacramento, Calif.	38	57	952	971
San Diego, Calif.	133	56	1,518	1,499
San Francisco, Calif.	169	187	3,877	3,739
Seattle, Wash.	123	134	2,457	2,594
Spokane, Wash.	57	41	907	875
Tacoma, Wash.	50	37	717	737
Honolulu, Hawaii	(36)	(36)	(701)	(710)

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

EPIDEMIOLOGICAL REPORTS—Continued

hospital nursery. Of the 65 cases, 18 were in children under 1 year of age and 26 were in the 1- to 4-year age group. Because of the increased occurrence of this type of salmonellosis and of the concentration of cases in young children, an investigation is under way. Since September 1955, this is the third known outbreak among the newborn of diarrhea with etiology determined to be a salmonella—2 due to S. oranienburg and 1 to Salmonella newport.

Dr. F. H. Wentworth, Ohio Department of Health, has reported an outbreak of salmonellosis among children in a hospital. Salmonella chester was isolated from 9 children ranging in age from 2 months to 4 years. There was suggestive evidence that 3 of the cases may have resulted from intrahospital transmission. It is unlikely that all cases can be attributed to this source. The rarity of this organism has prompted intensive interviews of the families. No common source of infection has been found.

Shigellosis

Dr. James R. Enright, Hawaii Department of Health, has given preliminary information on an outbreak of shigellosis following a wedding luau (native feast). An examination of 135 individuals resulted in the isolation of 39 cases of Shigella sonnei, 4 cases of Salmonella grumpensis, and 3 cases of a combination of the 2 organisms. Of 3 persons responsible for the preparation of the luau, 2 were found positive for S. sonnei. Of 9 members of the family giving the luau, S. sonnei was isolated from 4 and S. grumpensis, from 1.