

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release December 19, 1958

Washington 25, D. C.

Vol. 7, No. 50

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 13, 1958

NOTICE

Due to the Christmas holiday being extended through December 26 in Federal Offices, the Morbidity and Mortality Weekly Report for the week ended December 20 will be prepared for release on December 30.

The number of reported cases of poliomyelitis for the current week is 90 of which 59 were paralytic and 15 nonparalytic cases. These are similar to figures for the previous week when 91 cases were reported of which 59 were paralytic. About one-third or 19 of the 59 paralytic cases this week were

reported in Texas.

Including the 90 cases of poliomyelitis reported for the current week the cumulative total of cases for the first 50 weeks of 1958 (5,862) now exceeds the cumulative figure for the same period last year (5,832). In 1956, 15,226 cases had been reported at the end of 50 weeks.

The cumulative number of paralytic cases is now about 40 percent above the 1957 figure, 3,003 cases this year compared with 2,125 last year. The 1958 cumulative figure has exceeded the 1957 figure since the second week of September. There were 6,616 paralytic cases reported for the comparable period of 50 weeks in 1956.

Two of the 3 cases of encephalitis reported in Kansas for the current week were St. Louis encephalitis.

Continued on page 2

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

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	50th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Dec. 13, 1958	Ended Dec. 14, 1957	Median 1953-57	First 50 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	2	-	15	21	27	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	-	4	11	12	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	13	12	24	775	887	1,240	(²)	(²)	(²)	(²)
Diphtheria-----055	21	36	62	865	1,118	1,912	515	654	1,118	July 1
Encephalitis, infectious-----082	33	26	26	2,280	1,811	1,811	1,671	1,251	1,251	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	305	233	476	15,020	14,379	30,746	4,425	3,369	6,635	Sept. 1
Malaria-----110-117	3	1	4	76	145	466	(²)	(²)	(²)	(²)
Measles-----085	5,384	3,746	3,875	746,482	474,184	546,058	36,119	24,530	24,530	Sept. 1
Meningococcal infections-----057	58	67	67	2,501	2,531	3,356	729	846	846	Sept. 1
Meningitis, other-----340	568	40	---	4,241	2,272	---	---	---	---	---
Poliomyelitis-----080	90	43	229	5,862	5,832	28,968	45,643	5,306	27,817	Apr. 1
Paralytic-----080.0,080.1	59	27	---	3,003	2,125	---	2,882	1,851	---	Apr. 1
Nonparalytic-----080.2	15	15	---	1,986	2,786	---	1,918	2,623	---	Apr. 1
Unspecified-----080.3	16	1	---	873	921	---	843	832	---	Apr. 1
Psittacosis-----096.2	2	6	6	137	241	265	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	5	5	8	(²)	(²)	(²)	(²)
Typhoid fever-----040	18	6	30	1,034	1,259	1,731	857	1,002	1,419	Apr. 1
Typhus fever, endemic-----101	2	2	2	71	113	130	59	88	114	Apr. 1
Rabies in animals-----	56	68	79	4,363	4,083	4,932	693	680	867	Oct. 1

¹Data includes delayed report from Montana for week ended December 6.

²Data show no pronounced seasonal change in incidence.

³Includes 15 cases of aseptic meningitis; see footnote to table 2.

⁴Includes revised report for one or more categories of poliomyelitis for Virginia.

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

COMMUNICABLE DISEASE CENTER

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50 SEVENTH STREET, N. E.

EPIDEMIOLOGICAL REPORTS

Salmonellosis

The California Department of Public Health reports an outbreak of *Salmonella dublin* infections in Los Angeles County. The probable source was reported to be certified raw milk from a dairy. As of December 12, 11 laboratory-proved cases and 19 suspect cases have been reported. Further investigation is underway.

Staphylococcal food poisoning from cheese

Additional information has been received with reference to the investigation of the outbreak of food poisoning in Indiana and Michigan traced to the ingestion of cheddar cheese. A total of 66 cases has been investigated epidemiologically. Organisms isolated in the Michigan Department of Health Laboratory showed coagulase-positive hemolytic staphylococci with phage types 47-53-54-73-75-77 and Va 4. Examination of 24 samples of cheese in the Indiana State Board of Health Laboratory showed that all had concentrations of hemolytic staphylococci of greater than 1 million organisms with variable phage types.

Dr. Ralph Heeren, Iowa State Department of Health, reports that the outbreak of staphylococcal food poisoning described in Morbidity and Mortality Weekly Report for the week ended September 20 has been traced to natural cheddar cheese. Hemolytic coagulase-positive *Staphylococcus aureus* was isolated from samples of cheese served to the group of 200 persons who became ill.

Tularemia

The Nebraska State Department of Health has supplied information on a case of tularemia in a housewife reported in Seward County. The woman had an elevated temperature for a week before seeking medical care; she first thought she had the "flu." On examination her physician found an ulceration on one finger and the lymph nodes in the axillary regions were reported to be so enlarged that they felt like one mass. The woman also complained of "aching over her entire body." An

agglutination test on a blood sample was positive in titer of 1:10,240. The case history revealed the woman had found a dead rabbit and skinned it for food for her cat. She stated she had seen numerous dead rabbits and squirrels in her neighborhood.

Psittacosis

Information has been received from the California Department of Public Health about 2 cases of psittacosis which occurred in a 49-year-old white housewife and a 48-year-old white painter in different communities. Both persons had signs of pneumonic infiltration of the lungs. The woman also suffered a cough, chills, and confusion. She was hospitalized with grand mal seizures and had what appeared to be encephalitis and myocarditis. Two complement fixation tests, 11 days apart, yielded titers of 1:64. She had had parakeets in her home for at least 3 months before onset of the illness. Six of the birds were examined by animal inoculation, and 1 was reported to be positive for psittacosis.

The man had symptoms including a fever up to 103° F., mild generalized aches, and a mild nonproductive cough. Two complement fixation tests showed a 4-fold rise in titer. Since 1957 he had been exposed to a number of pigeons in a private aviary.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384

Change Reported

Designated Yellow Fever Vaccination Centers (Section 6).—The clinic hours of the Center located at the Indiana University Medical Center Clinic, 1100 West Michigan Street, Indianapolis, Indiana, should be changed to read Friday, 10 a.m.

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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 DECEMBER 14, 1957, AND DECEMBER 13, 1958
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092, N998.5 pt.			
	044		50th week		Cumulative first 50 weeks		082		50th week		Cumulative first 50 weeks	
	1958	1957	1958	1957	1958 ¹	1957	1958	1957	1958	1957	1958 ¹	1957
CONT. UNITED STATES-----	13	12	21	36	865	1,118	33	26	305	253	15,020	14,379
NEW ENGLAND-----	2	1	-	-	8	27	-	-	19	3	587	756
Maine-----	-	-	-	-	-	3	-	-	6	1	76	237
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	1	-	-	-	-	-	-	-	1	-	32	88
Massachusetts-----	1	1	-	-	7	24	-	-	6	2	290	224
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	68	75
Connecticut-----	-	-	-	-	1	-	-	-	5	-	119	124
MIDDLE ATLANTIC-----	-	-	1	1	39	90	7	5	42	40	2,069	2,336
New York-----	-	-	-	-	17	40	4	4	24	26	1,587	1,464
New Jersey-----	-	-	1	-	5	10	-	-	6	2	165	284
Pennsylvania-----	-	-	-	1	17	40	3	1	12	12	517	588
EAST NORTH CENTRAL-----	2	3	1	23	43	75	6	7	70	46	2,499	2,511
Ohio-----	-	-	1	-	11	14	1	3	29	10	800	613
Indiana-----	1	-	-	1	16	18	3	3	6	3	222	326
Illinois-----	-	3	-	-	9	3	1	-	13	10	596	691
Michigan-----	-	-	-	22	6	38	1	1	13	23	652	646
Wisconsin-----	1	-	-	-	1	2	-	-	9	-	229	235
WEST NORTH CENTRAL-----	8	6	2	-	134	89	5	3	21	16	1,201	787
Minnesota-----	2	-	1	-	70	35	-	1	6	5	185	291
Iowa-----	2	4	-	-	14	12	1	-	-	1	200	176
Missouri-----	-	-	-	-	14	1	-	-	4	1	244	128
North Dakota-----	-	-	-	-	4	3	-	-	7	3	231	100
South Dakota-----	1	-	1	-	18	10	1	1	1	-	17	36
Nebraska-----	-	1	-	-	12	21	-	-	1	-	84	24
Kansas-----	3	1	-	-	2	7	3	1	2	6	240	32
SOUTH ATLANTIC-----	1	1	1	9	277	383	3	2	22	18	1,155	1,101
Delaware-----	-	-	-	-	-	-	-	-	2	1	57	12
Maryland-----	-	-	-	-	3	3	-	-	6	1	166	95
District of Columbia-----	-	-	-	-	2	-	-	-	-	1	20	13
Virginia-----	-	-	-	-	34	18	1	-	2	2	277	416
West Virginia-----	-	-	-	-	10	9	-	-	5	4	157	96
North Carolina-----	-	1	-	2	28	50	-	1	2	4	64	109
South Carolina-----	-	-	-	2	39	104	1	1	1	-	42	34
Georgia-----	1	-	1	5	106	112	1	-	3	5	137	129
Florida-----	-	-	-	-	55	87	-	-	1	-	235	197
EAST SOUTH CENTRAL-----	-	-	5	-	98	160	2	4	30	31	1,213	1,797
Kentucky-----	-	-	-	-	5	18	-	-	16	12	588	765
Tennessee-----	-	-	-	-	13	12	1	-	3	5	315	638
Alabama-----	-	-	2	-	47	70	1	-	10	10	221	262
Mississippi-----	-	-	3	-	33	60	-	4	1	4	89	132
WEST SOUTH CENTRAL-----	-	-	10	3	193	212	-	-	17	17	1,112	1,111
Arkansas-----	-	-	4	-	40	46	-	-	3	-	102	79
Louisiana-----	-	-	3	-	69	25	-	-	-	1	13	52
Oklahoma-----	-	-	-	-	25	23	-	-	1	-	151	131
Texas-----	-	-	3	3	59	118	-	-	13	16	846	849
MOUNTAIN-----	-	-	1	-	60	47	-	2	35	23	2,332	1,274
Montana-----	-	-	-	-	16	14	-	-	7	7	403	180
Idaho-----	-	-	-	-	2	1	-	-	7	1	201	101
Wyoming-----	-	-	-	-	2	11	-	-	2	-	22	55
Colorado-----	-	-	-	-	12	2	-	-	6	4	303	192
New Mexico-----	-	-	1	-	24	13	-	1	4	6	341	401
Arizona-----	-	-	-	-	4	4	-	-	5	1	783	249
Utah-----	-	-	-	-	-	2	-	1	4	4	177	66
Nevada-----	-	-	-	-	-	-	-	-	-	-	102	30
PACIFIC-----	-	1	-	-	13	35	10	3	49	39	2,852	2,706
Washington-----	-	-	-	-	-	23	-	-	10	9	449	373
Oregon-----	-	-	-	-	8	3	-	-	10	1	435	492
California-----	-	1	-	-	5	9	10	3	29	29	1,968	1,841
Alaska-----	-	-	-	-	-	-	-	-	1	5	81	112
Hawaii-----	-	-	-	-	-	1	-	-	-	1	64	68
Puerto Rico-----	-	-	1	-	53	60	-	-	2	-	173	159

¹Data includes delayed report from Montana for week ended December 6.

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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 DECEMBER 14, 1957, AND DECEMBER 13, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic					
	50th week		Cumulative first 50 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958 ¹	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	90	43	5,862	5,832	59	27	15	15	3	1	5,384	3,746
NEW ENGLAND-----	-	-	90	81	-	-	-	-	-	-	366	394
Maine-----	-	-	4	9	-	-	-	-	-	-	7	73
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	4	6
Vermont-----	-	-	6	5	-	-	-	-	-	-	133	-
Massachusetts-----	-	-	30	24	-	-	-	-	-	-	131	222
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	43	39	-	-	-	-	-	-	91	93
MIDDLE ATLANTIC-----	7	1	700	338	4	1	1	-	-	-	1,285	574
New York-----	2	1	288	216	1	1	1	-	-	-	119	426
New Jersey-----	2	-	292	79	-	-	-	-	-	-	228	43
Pennsylvania-----	3	-	120	43	3	-	-	-	-	-	938	105
EAST NORTH CENTRAL-----	13	2	2,055	1,537	4	1	-	1	-	1	716	945
Ohio-----	8	-	394	270	-	-	-	-	-	-	193	79
Indiana-----	-	-	139	189	-	-	-	-	-	-	122	43
Illinois-----	2	-	239	346	1	-	-	-	-	1	124	64
Michigan-----	2	2	1,221	508	2	1	-	1	-	-	152	121
Wisconsin-----	1	-	62	214	1	-	-	-	-	-	125	638
WEST NORTH CENTRAL-----	6	4	404	460	5	3	1	1	1	-	698	60
Minnesota-----	-	2	32	55	-	2	-	-	-	-	6	1
Iowa-----	-	1	70	85	-	-	-	1	-	-	514	5
Missouri-----	6	1	180	125	5	1	1	-	-	-	24	5
North Dakota-----	-	-	43	11	-	-	-	-	-	-	128	46
South Dakota-----	-	-	14	41	-	-	-	-	-	-	8	1
Nebraska-----	-	-	34	77	-	-	-	-	1	-	18	2
Kansas-----	-	-	31	66	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	15	13	862	842	12	11	1	1	-	-	332	489
Delaware-----	2	-	29	5	2	-	-	-	-	-	2	6
Maryland-----	-	6	27	41	-	5	-	1	-	-	61	243
District of Columbia-----	-	2	6	69	-	2	-	-	-	-	-	24
Virginia-----	9	2	³ 156	112	6	2	1	-	-	-	92	50
West Virginia-----	3	1	207	51	3	1	-	-	-	-	104	84
North Carolina-----	1	-	108	219	1	-	-	-	-	-	14	26
South Carolina-----	-	1	33	129	-	-	-	-	-	-	1	16
Georgia-----	-	1	56	83	-	1	-	-	-	-	36	49
Florida-----	-	-	240	133	-	-	-	-	-	-	22	11
EAST SOUTH CENTRAL-----	16	3	382	417	9	1	5	2	1	-	411	353
Kentucky-----	6	-	80	109	3	-	3	-	1	-	150	69
Tennessee-----	8	2	127	150	6	1	2	1	-	-	234	258
Alabama-----	2	-	59	53	-	-	-	-	-	-	22	24
Mississippi-----	-	1	116	105	-	-	-	1	-	-	5	2
WEST SOUTH CENTRAL-----	25	8	767	1,093	21	2	4	6	-	-	239	221
Arkansas-----	2	-	31	55	2	-	-	-	-	-	38	2
Louisiana-----	-	1	80	181	-	-	-	1	-	-	-	6
Oklahoma-----	-	-	58	123	-	-	-	-	-	-	2	2
Texas-----	23	7	598	734	19	2	4	5	-	-	199	211
MOUNTAIN-----	3	1	204	242	1	-	1	1	-	-	684	328
Montana-----	2	-	68	12	1	-	1	-	-	-	308	155
Idaho-----	-	-	12	25	-	-	-	-	-	-	15	77
Wyoming-----	-	-	13	13	-	-	-	-	-	-	40	-
Colorado-----	-	1	20	50	-	-	-	1	-	-	201	12
New Mexico-----	-	-	39	49	-	-	-	-	-	-	26	37
Arizona-----	-	-	34	56	-	-	-	-	-	-	48	37
Utah-----	-	-	12	33	-	-	-	-	-	-	45	5
Nevada-----	1	-	6	4	-	-	-	-	-	-	1	5
PACIFIC-----	5	11	398	822	3	8	2	3	1	-	653	382
Washington-----	-	-	38	21	-	-	-	-	-	-	98	137
Oregon-----	-	2	40	48	-	2	-	-	-	-	110	119
California-----	5	9	320	753	3	6	2	3	1	-	445	126
Alaska-----	-	-	2	3	-	-	-	-	-	-	45	42
Hawaii-----	1	-	76	10	1	-	-	-	-	-	6	4
Puerto Rico-----	-	-	60	33	-	-	-	-	-	-	95	28

¹Data includes delayed report from Montana for week ended December 6, 1958.²Includes cases not specified by type, category number 080.3.³Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

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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 DECEMBER 14, 1957, AND DECEMBER 13, 1958—Continued

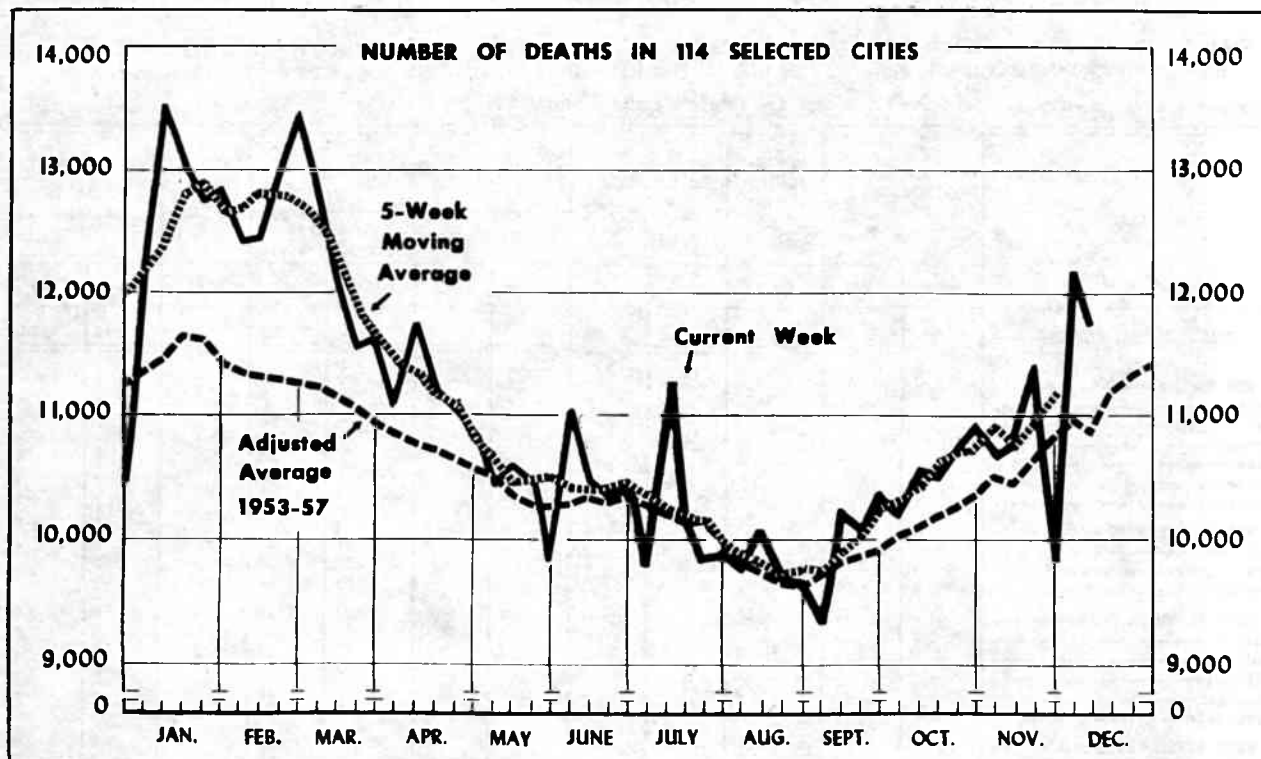
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		50th week		Cumulative first 50 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958 ¹	1957	1958	1958	1957
CONT. UNITED STATES-----	58	67	68	2	6	18	6	1,034	1,259	2	56	68
NEW ENGLAND-----	2	4	9	-	-	-	-	20	25	-	-	-
Maine-----	-	-	4 ¹	-	-	-	-	2	2	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	4	3	-	-	-	-	9	13	-	-	-
Rhode Island-----	-	-	5	-	-	-	-	1	5	-	-	-
Connecticut-----	-	-	-	-	-	-	-	7	3	-	-	-
MIDDLE ATLANTIC-----	7	7	-	1	1	2	-	110	152	-	11	4
New York-----	4	3	-	-	-	2	-	37	58	-	9	4
New Jersey-----	2	-	-	-	-	-	-	25	20	-	-	-
Pennsylvania-----	1	4	-	1	1	-	-	48	74	-	2	-
EAST NORTH CENTRAL-----	9	11	17	1	1	4	1	109	178	-	5	8
Ohio-----	5	5	-	-	-	1	-	40	65	-	-	5
Indiana-----	1	1	4	-	-	-	1	20	63	-	2	-
Illinois-----	-	2	11	-	1	2	-	24	21	-	-	-
Michigan-----	2	3	2	-	-	1	-	15	15	-	-	-
Wisconsin-----	1	-	-	1	-	-	-	10	14	-	3	3
WEST NORTH CENTRAL-----	4	6	1	-	1	1	1	77	89	-	8	18
Minnesota-----	-	-	-	-	1	-	1	3	6	-	3	8
Iowa-----	1	2	4 ¹	-	-	1	-	15	22	-	1	1
Missouri-----	-	3	-	-	-	-	-	37	44	-	3	5
North Dakota-----	-	-	-	-	-	-	-	2	2	-	1	4
South Dakota-----	-	-	-	-	-	-	-	7	8	-	-	-
Nebraska-----	-	-	-	-	-	-	-	2	1	-	-	-
Kansas-----	3	1	-	-	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	7	13	12	-	-	2	2	174	235	1	9	11
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	1	1	1	-	-	-	-	13	10	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	6	10	-	-	-
Virginia-----	1	4	5	-	-	1	-	39	41	-	1	-
West Virginia-----	-	-	1	-	-	-	-	21	50	-	2	2
North Carolina-----	4	4	-	-	-	-	-	20	14	-	-	-
South Carolina-----	-	-	-	-	-	-	-	12	22	-	-	5
Georgia-----	1	4	5	-	-	-	1	35	33	-	6	4
Florida-----	-	-	-	-	-	1	-	23	54	1	-	-
EAST SOUTH CENTRAL-----	15	4	9	-	-	2	-	128	173	-	10	13
Kentucky-----	2	-	1	-	-	-	-	39	54	-	2	9
Tennessee-----	3	-	5	-	-	-	-	36	67	-	5	1
Alabama-----	9	3	-	-	-	2	-	24	12	-	3	2
Mississippi-----	1	1	3	-	-	-	-	29	40	-	-	1
WEST SOUTH CENTRAL-----	2	8	6	-	-	1	1	233	250	1	10	13
Arkansas-----	1	-	-	-	-	-	-	31	43	-	2	1
Louisiana-----	-	1	-	-	-	1	-	84	59	-	2	1
Oklahoma-----	-	1	-	-	-	-	-	11	26	-	-	1
Texas-----	1	6	6	-	-	-	1	107	122	1	6	10
MOUNTAIN-----	4	6	1	-	-	2	1	78	55	-	-	1
Montana-----	-	3	-	-	-	-	-	4	3	-	-	-
Idaho-----	-	1	-	-	-	1	-	8	4	-	-	-
Wyoming-----	-	-	4 ¹	-	-	-	-	4	2	-	-	-
Colorado-----	1	-	-	-	-	-	-	9	12	-	-	-
New Mexico-----	1	-	-	-	-	-	1	32	21	-	-	-
Arizona-----	2	2	-	-	-	-	-	12	10	-	-	1
Utah-----	-	-	-	-	-	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	1	-	9	-	-	-	-
PACIFIC-----	8	8	13	-	3	4	-	105	102	-	3	-
Washington-----	-	3	-	-	3	-	-	3	7	-	-	-
Oregon-----	1	-	1	-	-	-	-	13	6	-	-	-
California-----	7	5	4 ¹	-	-	4	-	89	89	-	3	-
Alaska-----	-	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	1	-	-	-	-	-	1	4	1	-	-
Puerto Rico-----	-	-	1	-	-	-	-	27	17	-	-	-

¹Data includes delayed report from Montana for week ended December 6, 1958.⁴Asseptic meningitis.

Symbols.--1 dash [-]: no cases reported; asterisk [*]: disease not notifiable.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	50th week ended Dec. 13, 1958	49th week ended Dec. 6, 1958	Adjusted average, 50th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 50 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	¹ 11,741	12,186	10,892	+7.8	¹ 553,083	548,306	+0.9
New England----- (14 cities)	772	765	719	+7.4	34,982	35,112	-0.4
Middle Atlantic----- (20 cities)	¹ 3,367	3,530	3,204	+5.1	¹ 159,440	159,031	+0.3
East North Central----- (19 cities)	2,420	2,655	2,389	+1.3	117,998	118,550	-0.5
West North Central----- (9 cities)	817	858	772	+5.8	¹ 39,203	39,194	+0.0
South Atlantic----- (11 cities)	964	964	908	+6.2	47,525	46,261	+2.7
East South Central----- (8 cities)	565	533	487	+16.0	25,735	24,577	+4.7
West South Central----- (13 cities)	1,105	1,023	857	+28.9	47,114	45,662	+3.2
Mountain----- (8 cities)	330	310	252	+31.0	14,806	13,821	+7.1
Pacific----- (12 cities)	1,401	1,548	1,327	+5.6	66,280	66,098	+0.3

¹Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	50th week ended Dec. 13, 1958	49th week ended Dec. 6, 1958	CUMULATIVE NUMBER FIRST 50 WEEKS	
			1958	1957
NEW ENGLAND:				
Boston, Mass.-----	274	267	12,008	11,882
Bridgeport, Conn.-----	45	33	1,877	1,932
Cambridge, Mass.-----	32	37	1,437	1,488
Fall River, Mass.-----	34	22	1,361	1,379
Hartford, Conn.-----	45	56	2,512	2,526
Lowell, Mass.-----	17	24	1,249	1,389
Lynn, Mass.-----	32	26	1,117	1,079
New Bedford, Mass.-----	25	31	1,158	1,214
New Haven, Conn.-----	42	46	2,291	2,323
Providence, R. I.-----	76	73	3,224	3,114
Somerville, Mass.-----	19	14	706	661
Springfield, Mass.-----	48	47	2,093	2,140
Waterbury, Conn.-----	34	21	1,311	1,258
Worcester, Mass.-----	49	68	2,638	2,727
MIDDLE ATLANTIC:				
Albany, N. Y.-----	61	60	2,486	2,490
Allentown, Pa.-----	35	36	1,623	1,900
Buffalo, N. Y.-----	155	212	7,457	7,249
Camden, N. J.-----	41	54	2,061	2,022
Elizabeth, N. J.-----	130	20	1,459	1,420
Erie, Pa.-----	27	40	1,783	1,815
Jersey City, N. J.-----	84	76	3,491	3,475
Newark, N. J.-----	99	129	4,749	5,140
New York City, N. Y.-----	1,719	1,787	80,860	80,450
Paterson, N. J.-----	49	36	2,015	1,919
Philadelphia, Pa.-----	522	554	24,809	24,426
Pittsburgh, Pa.-----	173	190	9,383	9,275
Reading, Pa.-----	26	28	1,067	1,167
Rochester, N. Y.-----	106	106	5,047	4,951
Schenectady, N. Y.-----	35	12	1,140	1,176
Scranton, Pa.-----	47	26	1,743	1,899
Syracuse, N. Y.-----	61	67	3,122	2,966
Trenton, N. J.-----	43	42	2,282	2,251
Utica, N. Y.-----	26	28	1,347	1,558
Yonkers, N. Y.-----	28	27	1,516	1,482
EAST NORTH CENTRAL:				
Akron, Ohio-----	69	65	2,837	2,773
Canton, Ohio-----	37	35	1,554	1,591
Chicago, Ill.-----	769	907	37,581	38,275
Cincinnati, Ohio-----	182	171	8,011	7,697
Cleveland, Ohio-----	226	221	10,331	10,492
Columbus, Ohio-----	105	118	5,710	5,677
Dayton, Ohio-----	73	100	3,590	3,615
Detroit, Mich.-----	324	301	15,923	16,345
Evansville, Ind.-----	40	43	1,910	1,647
Flint, Mich.-----	30	51	1,878	1,891
Fort Wayne, Ind.-----	31	52	1,750	1,845
Gary, Ind.-----	25	47	1,566	1,453
Grand Rapids, Mich.-----	42	46	2,036	2,042
Indianapolis, Ind.-----	152	134	6,433	6,105
Madison, Wis.-----	(40)	(45)	(1,630)	(1,599)
Milwaukee, Wis.-----	111	141	6,490	6,622
Peoria, Ill.-----	38	29	1,575	1,513
Rockford, Ill.-----	(20)	(25)	(1,305)	(1,308)
South Bend, Ind.-----	27	31	1,341	1,316
Toledo, Ohio-----	95	99	4,851	4,832
Youngstown, Ohio-----	44	64	2,631	2,819
WEST NORTH CENTRAL:				
Des Moines, Iowa-----	61	55	2,711	2,800
Duluth, Minn.-----	23	39	1,249	1,362
Kansas City, Kans.-----	31	33	1,422	1,429
Kansas City, Mo.-----	128	134	6,039	5,986
Lincoln, Nebr.-----	(25)	(28)	(1,239)	---
Minneapolis, Minn.-----	135	149	6,305	6,400
Omaha, Nebr.-----	80	77	3,458	3,488
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.-----	245	274	12,238	12,142
St. Paul, Minn.-----	79	66	3,538	3,331
Wichita, Kans.-----	35	31	2,243	2,256
SOUTH ATLANTIC:				
Atlanta, Ga.-----	119	115	5,468	5,572
Baltimore, Md.-----	249	251	12,166	12,078
Charlotte, N. C.-----	36	53	1,772	1,720
Jacksonville, Fla.-----	48	51	2,936	2,758
Miami, Fla.-----	63	57	3,479	2,549
Norfolk, Va.-----	40	39	1,760	1,874
Richmond, Va.-----	77	77	3,717	3,748
Savannah, Ga.-----	41	35	1,614	1,515
St. Petersburg, Fla.-----	(76)	(67)	(3,187)	---
Tampa, Fla.-----	51	56	3,150	3,154
Washington, D. C.-----	206	189	9,625	9,490
Wilmington, Del.-----	34	41	1,838	1,803
EAST SOUTH CENTRAL:				
Birmingham, Ala.-----	129	77	4,344	4,052
Chattanooga, Tenn.-----	42	54	2,362	2,333
Knoxville, Tenn.-----	31	28	1,359	1,360
Louisville, Ky.-----	114	113	5,449	5,376
Memphis, Tenn.-----	134	109	5,726	5,317
Mobile, Ala.-----	50	48	1,923	1,835
Montgomery, Ala.-----	21	39	1,656	1,355
Nashville, Tenn.-----	44	65	2,916	2,949
WEST SOUTH CENTRAL:				
Austin, Tex.-----	33	33	1,586	1,505
Baton Rouge, La.-----	24	42	1,381	1,263
Corpus Christi, Tex.-----	36	29	1,067	1,053
Dallas, Tex.-----	124	114	5,752	5,527
El Paso, Tex.-----	32	35	1,826	1,607
Fort Worth, Tex.-----	85	63	3,044	3,190
Houston, Tex.-----	190	190	7,876	7,516
Little Rock, Ark.-----	54	44	2,726	2,647
New Orleans, La.-----	209	157	8,686	8,708
Oklahoma City, Okla.-----	87	89	3,390	3,129
San Antonio, Tex.-----	109	120	4,866	4,815
Shreveport, La.-----	52	48	2,433	2,343
Tulsa, Okla.-----	70	59	2,481	2,361
MOUNTAIN:				
Albuquerque, N. Mex.-----	27	25	1,395	1,297
Colorado Springs, Colo.-----	13	15	751	679
Denver, Colo.-----	135	86	5,598	5,654
Ogden, Utah-----	12	13	725	636
Phoenix, Ariz.-----	69	60	2,274	1,641
Pueblo, Colo.-----	15	15	656	626
Salt Lake City, Utah-----	42	68	2,389	2,286
Tucson, Ariz.-----	17	28	1,018	1,002
PACIFIC:				
Berkeley, Calif.-----	22	19	927	982
Fresno, Calif.-----	(57)	(43)	(2,027)	---
Glendale, Calif.-----	(28)	(48)	(1,652)	---
Long Beach, Calif.-----	63	57	2,759	2,728
Los Angeles, Calif.-----	504	570	24,102	23,935
Oakland, Calif.-----	98	125	4,684	4,738
Pasadena, Calif.-----	34	44	1,727	1,771
Portland, Oreg.-----	104	121	4,981	4,911
Sacramento, Calif.-----	70	67	2,636	2,587
San Diego, Calif.-----	79	93	4,093	4,001
San Francisco, Calif.-----	213	202	9,383	9,534
San Jose, Calif.-----	(33)	(27)	(1,152)	---
Seattle, Wash.-----	147	155	6,741	6,587
Spokane, Wash.-----	40	52	2,288	2,346
Tacoma, Wash.-----	27	43	1,959	1,978
Honolulu, Hawaii-----	(45)	(34)	(1,828)	(1,892)

¹Estimated.

²Includes estimate for current week.

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

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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