

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

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 12, 1958

EPIDEMIOLOGICAL REPORTS

Plague in rodents

Mr. F. M. Prince, Public Health Service San Francisco Field Station, has reported the isolation of *Pasteurella pestis* from the following specimens collected in Klamath County, Oregon:

Specimen 663--1 *Microtus montanus* (field mouse) found dead, January 26, 1958, 5 miles northwest of Klamath Falls.

Specimen 688--1 *M. montanus* found dead, January 26, 1958, 6 miles northwest of Klamath Falls.

Specimens 872 and 893--*Citellus beldingi oregonus* (ground squirrel), 1 found dead and 1 trapped, March 6, 1958, 12 miles east of Klamath Falls.

Past. pestis was isolated from ground squirrel fleas in 1942 and 1946 and from a marmot in 1947 collected in Klamath County. The recent isolations were made from rodents collected in an investigation of an explosive buildup of the *Microtus* population which was first noted last fall in Klamath County. The density of this population reached as high as 10,000 per acre in some areas and remained at an abnormally high level during the past winter. Of a limited number of samples of mice a high proportion was found to have tularemia. Only one confirmed case of human plague has ever been reported in Oregon. This was in a shepherd employed in Lake County which is adjacent to Klamath. He developed plague and died in 1934. A suspect case in another shepherd occurred in 1943 in Harney

Continued on page 2

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

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

DISEASE	15th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 12, 1958	Ended Apr. 13, 1957	Median 1953-57	First 15 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	2	1	7	11	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	18	23	23	185	265	346	(1)	(1)	(1)	(1)
Diphtheria-----055	7	22	26	239	326	583	1,011	1,075	1,913	July 1
Encephalitis, infectious-----082	31	26	26	364	328	343	1,662	1,894	1,658	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	300	369	627	5,084	5,744	9,267	8,889	10,943	15,340	Sept. 1
Malaria-----110-117	2	3	4	15	24	54	(1)	(1)	(1)	(1)
Measles-----085	36,392	20,787	24,208	298,403	227,777	244,967	231,306	264,986	274,065	Sept. 1
Meningococcal infections-----057	57	73	73	958	850	1,403	1,915	1,581	2,425	Sept. 1
Meningitis, other-----340	30	31	---	743	489	592	---	66	149	Apr. 1
Poliomyelitis-----080	17	33	82	254	592	1,273	35	35	---	Apr. 1
Paralytic-----080.0, 080.1	9	17	---	140	309	---	19	8	24	Apr. 1
Nonparalytic-----080.2	4	14	---	75	187	---	8	7	---	Apr. 1
Unspecified-----080.3	4	2	---	39	96	---	8	---	---	Apr. 1
Psittacosis-----096.2	4	14	6	39	75	75	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	2	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	15	16	18	202	290	366	25	33	44	Apr. 1
Typhus fever, endemic-----101	-	1	1	12	26	26	-	1	2	Apr. 1
Rabies in animals-----	112	99	139	1,512	1,533	1,893	2,327	2,497	3,258	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes revised report from Rhode Island for week ended March 22.

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

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EPIDEMIOLOGICAL REPORTS—Continued

County. Laboratory tests performed on material from a bubo collected 30 days after onset of symptoms did not reveal the presence of Past. pestis. The illness in this man was never reported as plague in spite of the fact that the man lived in a known infected area and had clinical signs consistent with a diagnosis of this infection.

Q fever

Dr. Milton Werrin, Philadelphia Department of Health, has reported a case of Q fever in a 60-year-old woman who had been employed for 5 years in the combing department of a textile manufacturing plant. Initial symptoms consisted of slight fever, headache, and weakness, but the patient continued to work for about 3 weeks. She became acutely ill and was hospitalized because of a high temperature which persisted at a level of between 103° and 104° F. A specimen of blood was negative for Proteus OX19, OX2, and OXK in a Weil-Felix reaction. The complement fixation test was positive in a titer of 1:512. The patient worked as a comb of goat's hair. This operation is the most dusty in the entire plant. Raw material is shipped from Asia and Africa. Apparently no other person in the combing department of the plant became ill with Q fever although some were absent from work because of acute respiratory illnesses.

Influenza

A slight increase in deaths from all causes and from influenza and pneumonia in large cities was reported last week. This may have been due in part to an earlier cut-off time for the reports of the previous week because of Good Friday. The number of deaths from all causes was 11,756, and for influenza and pneumonia, it was 516.

Dr. R. M. Albrecht, New York State Department of Health, has summarized mortality from influenza and pneumonia in upstate New York as follows. There was an appreciable increase in the death rate in February without a marked increase in morbidity. The rise was predominantly in old persons (65 years of age and over). The increase was noted in deaths from

all causes and in deaths attributed to pneumonia. There was no marked increase in deaths attributed to influenza. The cause of the increased death rate cannot be attributed to a major recurrence of influenza, although this possibility cannot be absolutely ruled out.

The Vermont Department of Health reports a decline in reported cases of influenza in Franklin County. Three of 4 throat washings obtained have yielded Asian strains of type A influenza virus.

Dr. Charlotte Silverman, Maryland State Department of Health, has provided additional information on an outbreak of influenza, previously reported, in a chronic disease hospital. Six paired sera showed rises in titer in hemagglutination tests from no agglutination in acute phase specimens to titers of 1:640 in convalescent sera.

The Ohio Department of Health states that, while no outbreaks are presently being reported, the number of individual case reports by physicians is greater than expected for this time of year.

Histoplasmosis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported a case of histoplasmosis in a 10-year-old girl. The girl had had a prolonged febrile course together with some respiratory symptoms. She had been playing in chicken houses, and 2 months before her present illness she had taken an English sparrow's nest from a chicken house into her home and had played with it for several weeks. Also, she had been exposed to a patient with tuberculosis. The child has a positive histoplasmin skin test as well as a positive complement fixation test for histoplasmosis. In addition she has a positive tuberculin reaction.

QUARANTINE MEASURES

Immunization Information for International Travel
No changes reported.

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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 APRIL 13, 1957, AND APRIL 12, 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, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		15th week		Cumulative first 15 weeks		082		15th week		Cumulative first 15 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	18	23	7	22	239	326	31	26	300	369	5,084	5,744
NEW ENGLAND-----	1	-	-	1	5	9	4	1	11	19	178	304
Maine-----	-	-	-	-	-	1	-	-	4	8	29	92
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	1	7
Vermont-----	-	-	-	-	-	-	-	-	-	1	6	53
Massachusetts-----	1	-	-	1	4	8	4	1	5	7	61	83
Rhode Island-----	-	-	-	-	-	-	-	-	2	-	25	26
Connecticut-----	-	-	-	-	1	-	-	-	-	2	36	43
MIDDLE ATLANTIC-----	-	-	1	-	24	26	11	7	44	54	543	781
New York-----	-	-	-	-	11	18	7	7	27	33	338	422
New Jersey-----	-	-	-	-	1	5	3	-	3	11	55	124
Pennsylvania-----	-	-	1	-	12	3	1	-	14	10	150	235
EAST NORTH CENTRAL-----	2	8	-	2	16	25	6	-	41	93	802	1,125
Ohio-----	-	1	-	-	5	5	-	-	10	23	252	286
Indiana-----	-	-	-	1	5	7	-	-	10	17	87	158
Illinois-----	1	4	-	-	2	-	1	-	10	6	181	231
Michigan-----	1	2	-	1	4	12	4	-	10	37	248	327
Wisconsin-----	-	1	-	-	-	1	1	-	1	10	34	123
WEST NORTH CENTRAL-----	11	7	1	1	21	31	-	1	29	13	437	371
Minnesota-----	1	-	-	1	1	19	-	-	9	-	53	123
Iowa-----	2	3	-	-	2	4	-	-	5	5	61	87
Missouri-----	1	3	-	-	10	-	-	-	5	-	71	74
North Dakota-----	-	-	-	-	1	1	-	-	2	3	69	54
South Dakota-----	2	1	1	-	2	4	-	-	-	5	3	17
Nebraska-----	1	-	-	-	5	1	-	1	2	-	36	10
Kansas-----	4	-	-	-	-	2	-	-	6	-	144	6
SOUTH ATLANTIC-----	1	1	3	8	69	94	1	1	15	36	369	418
Delaware-----	-	-	-	-	-	-	-	-	1	-	11	4
Maryland-----	-	-	-	-	2	1	-	-	1	6	34	47
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	4	8
Virginia-----	1	-	2	1	12	3	-	-	3	17	93	169
West Virginia-----	-	-	-	-	2	1	-	-	4	1	73	35
North Carolina-----	-	-	-	1	11	16	-	1	1	-	20	32
South Carolina-----	-	-	-	-	7	16	1	-	4	1	27	11
Georgia-----	-	-	-	1	21	18	-	-	-	6	39	51
Florida-----	-	1	1	5	14	39	-	-	1	5	68	61
EAST SOUTH CENTRAL-----	1	2	-	1	19	46	1	2	29	47	442	837
Kentucky-----	-	1	-	-	1	11	-	1	8	22	222	334
Tennessee-----	1	-	-	-	5	4	-	1	4	12	116	347
Alabama-----	-	-	-	-	9	17	1	-	15	9	79	92
Mississippi-----	-	1	-	1	4	14	-	-	2	4	23	64
WEST SOUTH CENTRAL-----	2	-	2	9	52	80	-	1	23	25	401	385
Arkansas-----	-	-	1	8	6	6	-	-	-	1	35	31
Louisiana-----	-	-	1	4	6	6	-	-	-	-	5	21
Oklahoma-----	-	-	-	-	13	11	-	-	-	-	62	54
Texas-----	2	-	1	4	25	57	-	1	23	24	299	279
MOUNTAIN-----	-	1	-	-	31	10	-	1	37	21	1,017	532
Montana-----	-	-	-	-	15	2	-	-	8	10	102	72
Idaho-----	-	-	-	-	2	1	-	-	2	-	65	30
Wyoming-----	-	-	-	-	2	1	-	-	-	1	4	15
Colorado-----	-	-	-	-	5	1	-	-	5	2	75	70
New Mexico-----	-	-	-	-	5	4	-	-	9	6	150	201
Arizona-----	-	-	-	-	2	1	-	1	8	1	474	101
Utah-----	-	1	-	-	-	-	-	-	2	1	71	23
Nevada-----	-	-	-	-	-	-	-	-	3	-	76	20
PACIFIC-----	-	4	-	-	2	5	8	12	71	61	895	991
Washington-----	-	-	-	-	-	-	-	-	22	4	189	149
Oregon-----	-	1	-	-	1	1	-	-	8	17	100	212
California-----	-	3	-	-	1	4	8	12	41	40	606	630
Alaska-----	-	-	-	-	-	-	-	-	4	-	59	29
Hawaii-----	-	-	-	-	-	-	-	-	4	1	18	13
Puerto Rico-----	-	-	-	-	18	11	-	-	6	-	48	32

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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 APRIL 13, 1957, AND APRIL 12, 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 ¹				Paralytic		Nonparalytic		110-117		085	
	15th week		Cumulative first 15 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	17	33	254	592	9	17	4	14	2	3	36,392	20,787
NEW ENGLAND-----	1	-	6	5	1	-	-	-	2	-	3,220	1,481
Maine-----	-	-	2	1	-	-	-	-	-	-	229	300
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	52	26
Vermont-----	-	-	-	-	-	-	-	-	-	-	41	169
Massachusetts-----	-	-	1	1	-	-	-	-	2	-	1,797	397
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	227	52
Connecticut-----	1	-	3	3	1	-	-	-	-	-	874	537
MIDDLE ATLANTIC-----	1	1	11	21	-	-	1	1	-	-	5,297	3,670
New York-----	1	1	9	15	-	-	1	1	-	-	2,583	1,565
New Jersey-----	-	-	2	2	-	-	-	-	-	-	1,052	1,470
Pennsylvania-----	-	-	-	4	-	-	-	-	-	-	1,662	635
EAST NORTH CENTRAL-----	-	8	22	65	-	2	-	5	-	1	8,630	3,256
Ohio-----	-	2	4	12	-	-	-	1	1	1	1,517	340
Indiana-----	-	4	1	17	-	1	-	3	-	-	1,334	491
Illinois-----	-	-	4	7	-	-	-	-	-	-	1,226	313
Michigan-----	-	2	10	21	-	1	-	1	-	-	1,552	758
Wisconsin-----	-	-	3	8	-	-	-	-	-	-	3,021	1,374
WEST NORTH CENTRAL-----	1	2	10	57	1	-	-	1	-	-	984	1,315
Minnesota-----	-	-	1	2	-	-	-	-	-	-	5	633
Iowa-----	-	-	1	4	-	-	-	-	-	-	571	298
Missouri-----	-	1	2	16	-	-	-	-	-	-	231	192
North Dakota-----	-	-	1	-	-	-	-	-	-	-	120	174
South Dakota-----	-	-	3	2	-	-	-	-	-	-	2	16
Nebraska-----	1	1	2	22	1	-	-	1	-	-	21	2
Kansas-----	-	-	-	11	-	-	-	-	-	-	34	-
SOUTH ATLANTIC-----	4	4	67	93	1	3	2	1	-	1	4,138	1,187
Delaware-----	-	-	1	1	-	-	-	-	-	-	31	5
Maryland-----	-	-	-	-	-	-	-	-	-	-	237	56
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	72	36
Virginia-----	-	1	2	9	-	-	-	1	-	-	962	260
West Virginia-----	-	-	4	4	-	-	-	-	-	-	524	70
North Carolina-----	-	-	20	12	-	-	-	-	-	-	192	83
South Carolina-----	-	-	3	22	-	-	-	-	-	-	998	161
Georgia-----	-	3	6	16	-	3	-	-	-	-	258	175
Florida-----	4	-	31	29	1	-	2	-	1	-	864	341
EAST SOUTH CENTRAL-----	1	3	23	42	-	3	1	-	-	-	3,274	1,848
Kentucky-----	-	-	12	2	-	-	-	-	-	-	836	680
Tennessee-----	-	3	4	12	-	3	-	-	-	-	1,727	680
Alabama-----	-	-	4	11	-	-	-	-	-	-	635	414
Mississippi-----	1	-	3	17	-	-	1	-	-	-	76	74
WEST SOUTH CENTRAL-----	3	7	38	133	3	5	-	2	-	-	7,202	2,448
Arkansas-----	-	1	3	7	-	1	-	-	-	-	362	36
Louisiana-----	1	2	7	25	1	2	-	-	-	-	7	87
Oklahoma-----	-	-	3	7	-	-	-	-	-	-	464	68
Texas-----	2	4	25	94	2	2	-	2	-	-	6,369	2,257
MOUNTAIN-----	2	2	22	43	1	1	-	1	-	-	1,672	1,563
Montana-----	1	-	2	2	-	-	-	-	-	-	295	125
Idaho-----	-	-	-	1	-	-	-	-	-	-	134	153
Wyoming-----	-	-	2	1	-	-	-	-	-	-	44	5
Colorado-----	1	1	4	8	1	1	-	-	-	-	264	110
New Mexico-----	-	-	10	3	-	-	-	-	-	-	381	168
Arizona-----	-	1	2	13	-	-	-	1	-	-	463	322
Utah-----	-	-	1	13	-	-	-	-	-	-	89	661
Nevada-----	-	-	1	2	-	-	-	-	-	-	2	19
PACIFIC-----	4	6	55	133	2	3	-	3	-	1	1,975	4,019
Washington-----	2	-	4	2	-	-	-	-	-	-	413	616
Oregon-----	-	1	6	13	-	-	-	1	-	-	328	547
California-----	2	5	45	118	2	3	-	2	-	1	1,234	2,856
Alaska-----	-	-	-	2	-	-	-	-	-	-	5	-
Hawaii-----	-	-	2	2	-	-	-	-	-	-	9	106
Puerto Rico-----	-	-	22	4	-	-	-	-	-	-	50	67

¹Includes cases not specified by type, category number 080.3.

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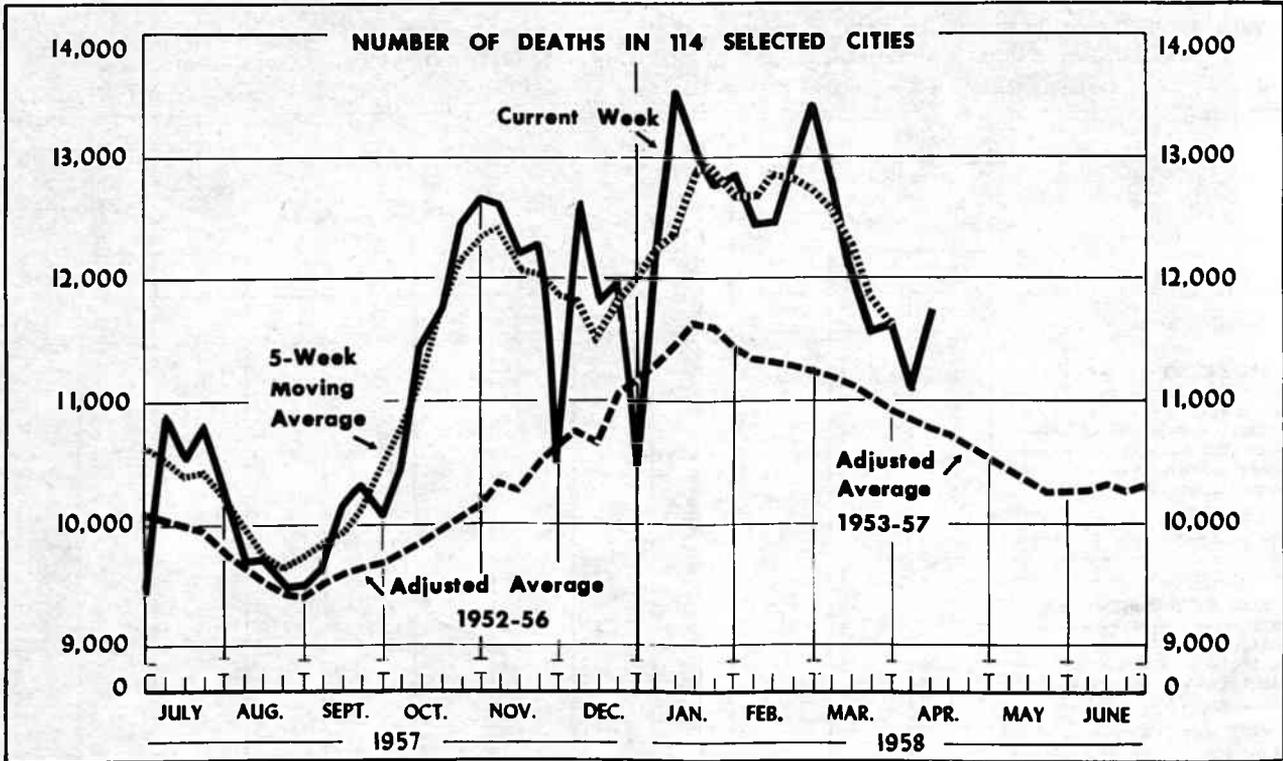
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 13, 1957, AND APRIL 12, 1958—Continued

(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	
						15th week		Cumulative first 15 weeks				
	057	1957	1958	096.2	1958	1957	1958	1957	1958	1957	101	1958
CONT. UNITED STATES-----	57	73	30	4	14	15	16	202	290		112	99
NEW ENGLAND-----	1	4	4	-	-	-	-	2	11		-	-
Maine-----	-	1	-	-	-	-	-	1	1		-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1		-	-
Vermont-----	-	1	-	-	-	-	-	-	-		-	-
Massachusetts-----	-	2	3	-	-	-	-	1	3		-	-
Rhode Island-----	-	-	1	-	-	-	-	-	4		-	-
Connecticut-----	1	-	-	-	-	-	-	-	2		-	-
MIDDLE ATLANTIC-----	8	13	-	2	7	3	-	22	31		3	7
New York-----	4	11	-	-	-	2	-	8	13		-	7
New Jersey-----	3	1	-	-	-	-	-	7	9		-	-
Pennsylvania-----	1	1	-	2	7	1	-	7	9		3	-
EAST NORTH CENTRAL-----	13	16	9	-	1	1	1	20	31		18	18
Ohio-----	1	4	-	-	-	1	1	7	15		-	16
Indiana-----	4	3	3	-	-	-	-	5	7		11	-
Illinois-----	5	2	6	-	1	-	-	-	2		1	-
Michigan-----	2	5	-	-	-	-	-	4	5		-	1
Wisconsin-----	1	2	-	-	-	-	-	4	2		6	1
WEST NORTH CENTRAL-----	2	1	1	2	-	1	2	24	27		20	23
Minnesota-----	-	-	-	2	-	-	-	2	2		11	9
Iowa-----	-	-	-	-	-	-	-	4	7		2	8
Missouri-----	1	-	1	-	-	-	-	12	10		5	6
North Dakota-----	1	-	-	-	-	-	-	-	1		2	-
South Dakota-----	-	-	-	-	-	-	-	-	3		-	-
Nebraska-----	-	1	-	-	-	-	-	1	-		-	-
Kansas-----	-	-	-	-	-	1	2	5	4		-	-
SOUTH ATLANTIC-----	9	20	7	-	-	8	3	34	61		16	18
Delaware-----	-	2	-	-	-	-	-	-	-		-	-
Maryland-----	-	1	1	-	-	-	-	2	1		-	-
District of Columbia-----	1	-	-	-	-	-	-	1	3		-	-
Virginia-----	1	4	2	-	-	-	-	5	13		9	7
West Virginia-----	-	1	-	-	-	4	1	7	11		2	2
North Carolina-----	1	6	-	-	-	1	-	10	8		-	1
South Carolina-----	2	1	-	-	-	1	1	2	3		4	4
Georgia-----	1	2	2	-	-	2	-	2	6		-	4
Florida-----	3	3	2	-	-	-	1	5	16		1	-
EAST SOUTH CENTRAL-----	7	8	2	-	-	-	6	20	52		23	10
Kentucky-----	1	2	1	-	-	-	4	5	16		13	3
Tennessee-----	1	1	-	-	-	-	2	7	21		2	3
Alabama-----	3	5	-	-	-	-	-	7	3		6	4
Mississippi-----	2	-	1	-	-	-	-	1	12		2	-
WEST SOUTH CENTRAL-----	9	3	2	-	-	2	1	50	44		22	19
Arkansas-----	1	-	-	-	-	-	-	1	8		8	2
Louisiana-----	3	1	-	-	-	1	-	28	7		1	-
Oklahoma-----	-	-	-	-	-	1	-	2	7		4	2
Texas-----	5	2	2	-	-	-	1	19	22		9	15
MOUNTAIN-----	5	2	5	-	1	-	1	10	14		1	4
Montana-----	-	1	1	-	-	-	-	1	1		-	-
Idaho-----	-	-	-	-	-	-	-	3	1		-	-
Wyoming-----	-	-	-	-	-	-	-	-	-		-	-
Colorado-----	1	1	2	-	-	-	-	-	2		-	-
New Mexico-----	2	-	1	-	-	-	-	5	6		-	2
Arizona-----	-	-	1	-	1	-	1	1	4		1	2
Utah-----	2	-	-	-	-	-	-	-	-		-	-
Nevada-----	-	-	-	-	-	-	-	-	-		-	-
PACIFIC-----	3	6	-	-	5	-	2	20	19		9	-
Washington-----	-	1	-	-	-	-	-	-	-		-	-
Oregon-----	1	-	-	-	2	-	-	5	3		-	-
California-----	2	5	-	-	3	-	2	15	16		9	-
Alaska-----	-	-	-	-	-	-	-	-	-		-	-
Hawaii-----	-	1	-	-	-	-	-	-	1		-	-
Puerto Rico-----	-	-	-	-	-	-	1	5	11		3	-

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

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, 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	15th week ended Apr. 12, 1958	14th week ended Apr. 5, 1958	Adjusted average, 15th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 15 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	11,756	11,066	10,792	+8.9	186,649	169,531	+10.1
New England----- (14 cities)	740	717	703	+5.3	11,709	11,151	+5.0
Middle Atlantic----- (20 cities)	3,401	3,109	3,241	+4.9	54,487	49,197	+10.8
East North Central----- (19 cities)	2,393	2,285	2,339	+2.3	39,635	36,277	+9.3
West North Central----- (9 cities)	817	782	762	+7.2	13,182	11,862	+11.1
South Atlantic----- (11 cities)	1,099	977	889	+23.6	16,610	14,401	+15.3
East South Central----- (8 cities)	541	544	478	+13.2	8,950	7,552	+18.5
West South Central----- (13 cities)	989	922	802	+23.3	15,822	14,155	+11.8
Mountain----- (8 cities)	316	319	252	+25.4	4,756	4,157	+14.4
Pacific----- (12 cities)	1,460	1,411	1,320	+10.6	21,498	20,779	+3.5

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	15th week ended Apr. 12, 1958	14th week ended Apr. 5, 1958	CUMULATIVE NUMBER FIRST 15 WEEKS		AREA	15th week ended Apr. 12, 1958	14th week ended Apr. 5, 1958	CUMULATIVE NUMBER FIRST 15 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	231	260	4,046	3,781	St. Louis, Mo.-----	237	248	4,295	3,692
Bridgeport, Conn.-----	35	38	646	585	St. Paul, Minn.-----	77	81	1,226	1,022
Cambridge, Mass.-----	32	25	479	480	Wichita, Kans.-----	60	36	724	680
Fall River, Mass.-----	29	25	450	427	SOUTH ATLANTIC:				
Hartford, Conn.-----	55	44	831	812	Atlanta, Ga.-----	139	118	1,852	1,782
Lowell, Mass.-----	29	32	450	413	Baltimore, Md.-----	258	251	4,291	3,782
Lynn, Mass.-----	32	22	336	336	Charlotte, N. C.-----	60	36	575	556
New Bedford, Mass.-----	26	18	411	426	Jacksonville, Fla.-----	47	60	1,063	871
New Haven, Conn.-----	50	55	781	714	Miami, Fla.-----	76	78	1,262	761
Providence, R. I.-----	62	63	1,078	989	Norfolk, Va.-----	42	53	623	559
Somerville, Mass.-----	21	19	231	208	Richmond, Va.-----	89	83	1,210	1,154
Springfield, Mass.-----	44	37	647	676	Savannah, Ga.-----	31	35	572	471
Waterbury, Conn.-----	35	28	447	392	St. Petersburg, Fla.-----	(74)	(77)	(1,235)	---
Worcester, Mass.-----	59	51	876	912	Tampa, Fla.-----	102	66	1,217	1,015
MIDDLE ATLANTIC:					St. Petersburg, Fla.-----	211	171	3,331	2,887
Albany, N. Y.-----	52	37	845	787	Wilmington, Del.-----	44	26	614	563
Allentown, Pa.-----	38	33	543	601	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	162	159	2,574	2,252	Birmingham, Ala.-----	85	90	1,519	1,194
Camden, N. J.-----	52	42	724	608	Chattanooga, Tenn.-----	59	54	838	742
Elizabeth, N. J.-----	28	27	513	439	Knoxville, Tenn.-----	35	23	490	474
Erie, Pa.-----	36	26	551	541	Louisville, Ky.-----	100	126	1,859	1,679
Jersey City, N. J.-----	73	71	1,223	1,105	Memphis, Tenn.-----	121	117	1,957	1,641
Newark, N. J.-----	107	78	1,582	1,653	Mobile, Ala.-----	39	43	687	521
New York City, N. Y.-----	1,664	1,576	27,623	24,816	Montgomery, Ala.-----	37	38	609	343
Paterson, N. J.-----	63	32	714	608	Nashville, Tenn.-----	65	53	991	958
Philadelphia, Pa.-----	576	484	8,662	7,603	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	179	203	3,203	2,781	Austin, Tex.-----	37	26	545	480
Reading, Pa.-----	21	19	349	368	Baton Rouge, La.-----	22	35	489	412
Rochester, N. Y.-----	121	106	1,664	1,470	Corpus Christi, Tex.-----	19	19	345	304
Schenectady, N. Y.-----	30	25	390	349	Dallas, Tex.-----	116	93	1,911	1,731
Scranton, Pa.-----	54	37	574	594	El Paso, Tex.-----	28	50	619	458
Syracuse, N. Y.-----	52	52	963	894	Fort Worth, Tex.-----	74	59	1,015	944
Trenton, N. J.-----	44	44	825	732	Houston, Tex.-----	175	145	2,652	2,326
Utica, N. Y.-----	25	28	443	513	Little Rock, Ark.-----	82	60	883	853
Yonkers, N. Y.-----	24	30	522	483	New Orleans, La.-----	200	146	3,036	2,679
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	70	76	1,123	964
Akron, Ohio-----	77	46	949	836	San Antonio, Tex.-----	86	103	1,603	1,486
Canton, Ohio-----	30	21	465	484	Shreveport, La.-----	39	58	799	744
Chicago, Ill.-----	732	675	12,746	11,605	Tulsa, Okla.-----	41	52	802	774
Cincinnati, Ohio-----	174	177	2,742	2,432	MOUNTAIN:				
Cleveland, Ohio-----	222	254	3,503	3,258	Albuquerque, N. Mex.-----	40	20	423	379
Columbus, Ohio-----	128	143	1,929	1,727	Colorado Springs, Colo.-----	10	26	217	216
Dayton, Ohio-----	74	69	1,251	1,146	Denver, Colo.-----	123	119	1,874	1,737
Detroit, Mich.-----	280	316	5,218	5,075	Ogden, Utah-----	14	14	224	188
Evansville, Ind.-----	50	40	651	469	Phoenix, Ariz.-----	64	51	767	469
Flint, Mich.-----	27	31	590	585	Pueblo, Colo.-----	12	11	189	201
Fort Wayne, Ind.-----	26	32	587	543	Salt Lake City, Utah-----	38	55	716	653
Gary, Ind.-----	20	32	513	453	Tucson, Ariz.-----	15	23	346	314
Grand Rapids, Mich.-----	35	44	701	609	PACIFIC:				
Indianapolis, Ind.-----	154	111	2,038	1,887	Berkeley, Calif.-----	17	21	315	294
Madison, Wis.-----	(36)	---	---	(486)	Fresno, Calif.-----	(43)	(23)	(567)	---
Milwaukee, Wis.-----	154	121	2,274	2,001	Glendale, Calif.-----	(39)	(31)	(551)	---
Peoria, Ill.-----	24	24	533	446	Long Beach, Calif.-----	50	47	843	868
Rockford, Ill.-----	(25)	(20)	(425)	(377)	Los Angeles, Calif.-----	571	518	7,903	7,615
South Bend, Ind.-----	27	23	444	376	Oakland, Calif.-----	90	93	1,520	1,511
Toledo, Ohio-----	88	77	1,653	1,464	Pasadena, Calif.-----	35	34	565	572
Youngstown, Ohio-----	71	49	848	881	Portland, Oreg.-----	129	118	1,582	1,466
WEST NORTH CENTRAL:					Sacramento, Calif.-----	57	52	833	800
Des Moines, Iowa-----	58	55	875	833	San Diego, Calif.-----	93	84	1,325	1,260
Duluth, Minn.-----	25	17	384	397	San Francisco, Calif.-----	165	225	3,157	3,036
Kansas City, Kans.-----	21	31	464	482	San Jose, Calif.-----	(26)	(19)	(348)	---
Kansas City, Mo.-----	115	121	2,025	1,784	Seattle, Wash.-----	163	136	2,127	2,030
Lincoln, Nebr.-----	(24)	(31)	(400)	---	Spokane, Wash.-----	48	46	729	708
Minneapolis, Minn.-----	159	119	2,078	1,885	Tacoma, Wash.-----	42	37	599	619
Omaha, Nebr.-----	65	74	1,111	1,087	Honolulu, Hawaii-----	(52)	(37)	(601)	(622)

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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