

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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Vol. 7, No. 21

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 24, 1958

The weekly telegraphic report from the Iowa Department of Health for the current week listed 8 diphtheria carriers in addition to 6 clinical cases of the disease.

A delayed report for Puerto Rico for the week ended May 17 shows 6 cases of paralytic poliomyelitis. A total of 33 paralytic cases has been reported so far this year as compared with only 4 last year. There has been a total of 3 cases of non-paralytic poliomyelitis since January 1, 1958.

The 12 cases of typhoid fever reported in Pennsylvania for the week ended May 17 include 6 asymptomatic and 5 clinical cases from 3 counties. All are delayed reports of cases which began late in March.

EPIDEMIOLOGICAL REPORTS

Salmonellosis

The Communicable Disease Report for the State of Maine for the week ended May 17 summarizes the occurrence of salmonellosis in the State for the past 10 years. Since these infections were made reportable in 1958, 147 different isolations have been made which included 21 different types. The most commonly identified types were *Salmonella heidelberg* with 42 isolations, *S. typhimurium* with 31, *S. enteritidis* with 15, and *S. montevideo* and *S. reading* with 9 isolations each.

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	21st WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 24, 1958	Ended May 25, 1957	Median 1953-57	First 21 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	1	1 ²	10	13	(²)	(²)	(²)	(²)
Botulism-----049,1	-	-	-	2	-	5	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)----044	21	28	28	296	391	487	(²)	(²)	(²)	(²)
Diphtheria-----055	11	8	21	311	404	710	1,083	1,153	2,040	July 1
Encephalitis, infectious-----082	35	45	40	³ 575	554	534	² 1,873	2,100	1,772	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	316	307	741	⁴ 7,148	7,693	14,080	⁴ 10,953	12,892	20,153	Sept. 1
Malaria-----110-117	1	3	7	25	33	95	(²)	(²)	(²)	(²)
Measles-----085	36,987	19,192	23,158	536,332	352,515	410,612	569,235	389,724	457,487	Sept. 1
Meningococcal infections-----057	45	54	57	1,234	1,187	1,875	2,191	1,978	2,897	Sept. 1
Meningitis, other-----340	34	45	---	998	711	---	---	---	---	---
Poliomyelitis-----080	33	61	155	376	900	2,198	157	374	858	Apr. 1
Paralytic-----080,0,080,1	14	32	---	193	444	---	72	170	---	Apr. 1
Nonparalytic-----080,2	13	19	---	114	323	---	47	160	---	Apr. 1
Unspecified-----080,3	6	10	---	69	133	---	38	44	---	Apr. 1
Psittacosis-----096,2	1	8	8	58	120	125	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	2	2	(²)	(²)	(²)	(²)
Typhoid fever-----040	22	32	36	⁵ 307	414	575	⁵ 130	157	237	Apr. 1
Typhus fever, endemic-----101	1	4	4	18	43	43	6	18	18	Apr. 1
Rabies in animals-----	84	99	104	2,076	2,136	2,608	2,891	3,100	3,973	Oct. 1

¹Includes 1 case reported in Pennsylvania for week ended May 17. ²Data show no pronounced seasonal change in incidence.

³Includes revised report from Oregon.

⁴Includes revised report from Montana and Oregon.

⁵Includes 11 delayed cases from Pennsylvania.

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

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ATLANTA 23, GEORGIA

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EPIDEMIOLOGICAL REPORTS—Continued

Thirteen cases of salmonellosis were reported in Massachusetts for the week ended May 16. These were in persons living in 10 scattered communities.

Acute respiratory disease

Dr. S. H. Osborn, Connecticut Commissioner of Health, reports that since May 12, a total of 100 cases of acute respiratory disease have been hospitalized in a farm labor center. About an equal number of mild cases were treated as outpatients. The illness of hospitalized cases has been characterized by sudden onset, fever of 104°F. to 105°F., cough, and severe headache. Many had sore throat and chilly sensations. Duration of illness in uncomplicated cases has been 2 to 3 days. Several patients showed X-ray evidence of pneumonia. Laboratory tests to determine etiology of the illness are in process. All of the cases have been adult males, mostly Puerto Ricans who have arrived in this country since the middle of April. About 600 have come by plane to the camp since April 19.

Dr. R. E. Dwork, Ohio Director of Health, has reported a small outbreak of influenza in a prison camp during the latter part of April. Nine cases were confirmed by serologic tests as influenza.

Psittacosis

The California State Department of Public Health has reported a case of psittacosis in a 61-year-old man who works as a butcher and also as a manager of small boats. In February 1958 he became ill with an influenza-like disease consisting of shortness of breath, pains in the upper abdomen, and lack of energy. A chest X-ray taken on March 11 revealed accumulation of fluid in the chest. Fluid was removed from the chest on two occasions. Penicillin was administered. During March and April three complement fixation tests employing psittacosis antigen revealed titers of 1:8, 1:16, and 1:8. The individual had visited in various homes where there were pet parakeets and canaries. In addition he had contact with sea gulls at the wharf where he worked.

Dr. A. E. Heustis, Michigan Department of Health, has furnished additional information about the 5 cases of psittacosis reported during the week ended May 3, 1958. All of the cases occurred in 1 household, where there was a history of recent exposure to a sick parakeet. A patchy pneumonitis was demonstrated in some family members. On this basis a clinical diagnosis of psittacosis was made. Laboratory studies recently completed on 2 of the sick persons do not support this diagnosis. Investigation of the outbreak is continuing.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Magnet Cove Barium Corporation Village Medical Center, Attention: Dr. Edward T. Clarke, 2404 Rice Boulevard, Houston, Texas Tel. JA 9-4611	By appointment only	Yes

The address and telephone number of the yellow fever vaccination center in Knoxville, Tennessee, (see this Report, Vol. 7, No. 7) should be changed to:

Knox County Health Department
City-County Health Center,
Cleveland Place,
Knoxville 17, Tennessee
Tel. 5-0381

All other information concerning this center remains the same.

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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 MAY 25, 1957, AND MAY 24, 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		21st week		Cumulative first 21 weeks		082		21st week		Cumulative first 21 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	21	28	11	8	311	404	35	45	316	307	7,148	7,693
NEW ENGLAND-----	-	-	-	2	5	15	5	2	5	17	231	404
Maine-----	-	-	-	1	-	3	-	-	-	4	41	119
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	7
Vermont-----	-	-	-	-	-	-	-	-	-	2	7	75
Massachusetts-----	-	-	1	4	12	2	2	3	3	99	110	110
Rhode Island-----	-	-	-	-	-	-	3	-	2	-	36	33
Connecticut-----	-	-	-	1	-	-	-	-	-	8	47	60
MIDDLE ATLANTIC-----	-	1	-	-	30	34	10	13	44	65	815	1,120
New York-----	-	1	-	-	13	20	4	13	34	44	535	640
New Jersey-----	-	-	-	-	2	6	1	-	5	5	76	164
Pennsylvania-----	-	-	-	-	15	8	5	-	5	16	204	316
EAST NORTH CENTRAL-----	-	3	-	1	26	31	2	6	69	40	1,244	1,429
Ohio-----	-	-	-	-	6	6	-	-	10	15	374	360
Indiana-----	-	-	-	-	12	8	-	2	5	4	121	211
Illinois-----	-	2	-	1	3	2	-	-	22	10	333	300
Michigan-----	-	-	-	-	4	14	2	4	25	10	353	407
Wisconsin-----	-	1	-	-	1	1	-	-	7	1	63	151
WEST NORTH CENTRAL-----	13	14	7	-	39	36	1	-	31	8	644	477
Minnesota-----	1	3	1	-	5	20	-	-	-	5	69	163
Iowa-----	5	7	6	-	11	4	1	-	5	1	132	116
Missouri-----	1	1	-	-	12	1	-	-	6	-	110	91
North Dakota-----	-	1	-	-	1	1	-	-	15	-	103	60
South Dakota-----	2	2	-	-	3	5	-	-	-	1	7	24
Nebraska-----	1	-	-	-	7	2	-	-	-	1	42	12
Kansas-----	3	-	-	-	-	3	-	-	5	-	181	11
SOUTH ATLANTIC-----	3	2	1	2	78	118	7	3	21	28	485	575
Delaware-----	-	-	-	-	-	-	-	-	-	-	28	5
Maryland-----	-	-	-	-	3	1	2	-	1	1	47	66
District of Columbia-----	-	-	-	-	-	-	-	-	1	-	6	8
Virginia-----	-	1	-	-	12	5	1	-	5	10	119	229
West Virginia-----	-	1	-	-	4	2	-	-	3	4	83	48
North Carolina-----	-	-	-	2	12	18	2	-	1	2	23	42
South Carolina-----	1	-	-	-	8	18	1	1	-	-	32	13
Georgia-----	1	1	-	-	21	24	-	-	1	2	53	66
Florida-----	1	-	-	-	18	50	1	2	9	9	94	98
EAST SOUTH CENTRAL-----	2	3	-	1	22	60	2	-	24	36	640	1,096
Kentucky-----	1	-	-	-	1	11	1	-	9	12	310	475
Tennessee-----	1	2	-	-	5	6	-	-	7	14	179	425
Alabama-----	-	-	-	1	11	24	1	-	7	6	119	122
Mississippi-----	-	1	-	-	5	19	-	-	1	4	32	74
WEST SOUTH CENTRAL-----	-	3	3	1	71	91	-	1	32	21	541	540
Arkansas-----	-	2	1	-	12	6	-	-	6	-	56	42
Louisiana-----	-	1	-	-	6	8	-	-	-	1	5	30
Oklahoma-----	-	-	-	-	19	14	-	1	6	1	89	76
Texas-----	-	-	2	1	34	63	-	-	20	19	391	392
MOUNTAIN-----	1	-	-	1	35	13	-	-	39	36	1,262	724
Montana-----	-	-	-	1	15	3	-	-	8	5	181	99
Idaho-----	-	-	-	-	2	1	-	-	2	2	79	45
Wyoming-----	-	-	-	-	2	1	-	-	-	2	4	27
Colorado-----	1	-	-	-	5	1	-	-	3	2	106	101
New Mexico-----	-	-	-	-	9	6	-	-	10	7	192	265
Arizona-----	-	-	-	-	2	1	-	-	4	14	505	136
Utah-----	-	-	-	-	-	-	-	-	11	4	104	30
Nevada-----	-	-	-	-	-	-	-	-	1	-	91	21
PACIFIC-----	2	2	-	-	5	6	8	20	51	56	1,286	1,328
Washington-----	1	1	-	-	-	-	-	-	7	6	246	201
Oregon-----	-	-	-	-	1	2	-	-	9	8	1,162	279
California-----	1	1	-	-	4	4	8	20	35	42	878	848
Alaska-----	-	-	-	-	-	-	-	-	2	6	67	42
Hawaii-----	-	-	-	-	-	-	-	-	-	-	23	19
Puerto Rico-----	-	-	1	-	24	27	-	-	9	18	73	69

¹Includes revised report.

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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 MAY 25, 1957, AND MAY 24, 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		110-117		085	
	21st week		Cumulative first 21 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-----	33	61	376	900	14	32	13	19	1	3	36,987	19,192
NEW ENGLAND-----	-	1	6	9	-	1	-	-	-	-	2,751	1,458
Maine-----	-	-	2	1	-	-	-	-	-	-	204	200
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	36	3
Vermont-----	-	1	-	2	-	1	-	-	-	-	99	207
Massachusetts-----	-	-	1	2	-	-	-	-	-	-	1,674	508
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	229	43
Connecticut-----	-	-	3	4	-	-	-	-	-	-	509	497
MIDDLE ATLANTIC-----	1	1	17	28	-	1	-	-	-	-	6,345	4,211
New York-----	-	1	12	18	-	1	-	-	-	-	2,735	2,081
New Jersey-----	1	-	5	2	-	-	-	-	-	-	1,732	1,458
Pennsylvania-----	-	-	-	8	-	-	-	-	-	-	1,878	672
EAST NORTH CENTRAL-----	1	3	31	87	-	-	-	1	1	-	11,624	3,831
Ohio-----	1	-	6	16	-	-	-	-	-	-	1,657	282
Indiana-----	-	-	3	19	-	-	-	-	-	-	975	527
Illinois-----	-	2	5	12	-	-	-	-	1	-	1,845	425
Michigan-----	-	1	13	28	-	-	-	1	-	-	3,233	847
Wisconsin-----	-	-	4	12	-	-	-	-	-	-	3,914	1,750
WEST NORTH CENTRAL-----	5	7	19	74	1	3	3	2	-	-	1,046	1,441
Minnesota-----	-	-	1	3	-	-	-	-	-	-	90	267
Iowa-----	1	-	4	5	1	-	-	-	-	-	306	696
Missouri-----	-	3	2	21	-	2	-	1	-	-	313	299
North Dakota-----	-	-	2	1	-	-	-	-	-	-	285	170
South Dakota-----	-	-	3	2	-	-	-	-	-	-	-	2
Nebraska-----	4	4	6	28	-	1	3	1	-	-	52	7
Kansas-----	-	-	1	14	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	5	8	84	123	2	5	2	3	-	1	3,308	1,259
Delaware-----	-	-	1	1	-	-	-	-	-	-	12	16
Maryland-----	-	-	-	-	-	-	-	-	-	-	135	49
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	63	37
Virginia-----	-	1	3	14	-	1	-	-	-	-	1,059	190
West Virginia-----	-	-	6	4	-	-	-	-	-	-	754	62
North Carolina-----	3	3	23	18	1	1	2	2	-	-	106	89
South Carolina-----	-	2	3	25	-	2	-	-	-	-	557	326
Georgia-----	-	1	6	19	-	1	-	-	-	-	247	277
Florida-----	2	1	41	42	1	-	-	1	-	1	375	213
EAST SOUTH CENTRAL-----	5	2	41	55	3	-	1	-	-	-	2,370	1,057
Kentucky-----	2	-	19	5	1	-	-	-	-	-	919	358
Tennessee-----	3	-	9	15	2	-	1	-	-	-	1,020	338
Alabama-----	-	2	5	14	-	-	-	-	-	-	398	332
Mississippi-----	-	-	8	21	-	-	-	-	-	-	33	29
WEST SOUTH CENTRAL-----	10	19	71	239	5	14	5	5	-	1	4,293	1,571
Arkansas-----	1	-	5	15	-	-	1	-	-	-	36	28
Louisiana-----	-	1	7	41	-	-	-	1	-	-	9	13
Oklahoma-----	-	-	4	7	-	-	-	-	-	1	561	25
Texas-----	9	18	55	176	5	14	4	4	-	-	3,687	1,505
MOUNTAIN-----	2	7	35	72	-	1	1	2	-	-	2,551	1,249
Montana-----	1	-	4	3	-	-	-	-	-	-	435	206
Idaho-----	-	-	3	3	-	-	-	-	-	-	210	178
Wyoming-----	-	-	2	4	-	-	-	-	-	-	29	2
Colorado-----	-	2	6	12	-	1	-	1	-	-	843	117
New Mexico-----	-	1	10	8	-	-	-	-	-	-	190	152
Arizona-----	-	-	8	21	-	-	-	-	-	-	625	294
Utah-----	1	4	3	19	-	-	1	1	-	-	217	298
Nevada-----	-	-	2	2	-	-	-	-	-	-	2	2
PACIFIC-----	4	13	72	213	3	7	1	6	-	1	2,699	3,115
Washington-----	-	-	6	2	-	-	-	-	-	-	482	706
Oregon-----	-	1	6	18	-	1	-	-	-	1	356	680
California-----	4	12	60	193	3	6	1	6	-	-	1,861	1,729
Alaska-----	-	-	1	2	-	-	-	-	-	-	24	42
Hawaii-----	1	-	8	2	1	-	-	-	-	1	9	57
Puerto Rico-----	2	-	³ 36	4	2	-	-	-	-	-	78	70

²Includes cases not specified by type, category number 080.3.

³Includes 6 delayed cases.

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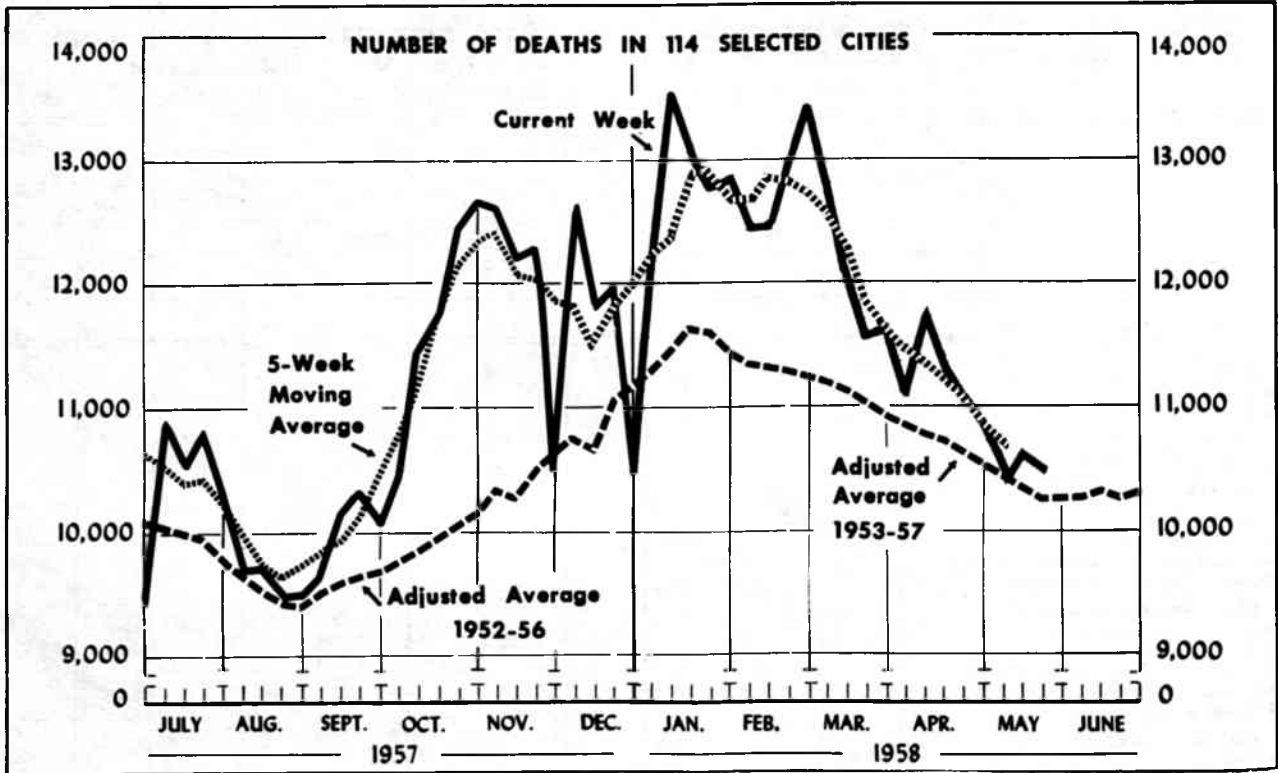
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 25, 1957, AND MAY 24, 1958—Continued

(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	
			340			21st week		Cumulative first 21 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	45	54	34	1	8	22	32	307	414	1	84	99
NEW ENGLAND-----	2	2	2	-	-	1	-	5	11	1	-	-
Maine-----	1	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	2	2	-	-	-	-	2	3	1	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	-	-	-	-	-	1	-	2	2	-	-	-
MIDDLE ATLANTIC-----	5	7	-	-	1	-	1	42	41	-	8	3
New York-----	3	3	-	-	-	1	-	9	18	-	5	3
New Jersey-----	-	2	-	-	-	-	-	8	13	-	-	-
Pennsylvania-----	2	2	-	-	1	-	-	425	10	-	3	-
EAST NORTH CENTRAL-----	15	19	9	-	1	2	4	24	49	-	13	4
Ohio-----	3	2	-	-	1	1	1	8	21	-	3	-
Indiana-----	3	-	1	-	-	1	1	7	11	-	4	-
Illinois-----	5	8	7	-	-	-	1	1	6	-	-	2
Michigan-----	4	5	1	-	-	-	-	4	6	-	1	-
Wisconsin-----	4	4	-	-	-	-	1	4	5	-	5	2
WEST NORTH CENTRAL-----	3	2	2	-	1	4	1	32	32	-	20	20
Minnesota-----	-	-	-	-	-	-	-	2	4	-	10	7
Iowa-----	-	-	-	-	1	-	-	4	7	-	5	10
Missouri-----	2	1	-	-	-	2	1	16	13	-	4	2
North Dakota-----	-	1	-	-	-	1	-	1	1	-	-	1
South Dakota-----	-	-	-	-	-	1	-	2	3	-	-	-
Nebraska-----	1	-	-	-	-	-	-	1	-	-	1	-
Kansas-----	-	-	2	-	-	-	-	6	4	-	-	-
SOUTH ATLANTIC-----	6	8	5	-	-	6	9	53	89	-	15	29
Delaware-----	-	-	-	-	-	-	-	1	1	-	-	-
Maryland-----	-	-	-	-	-	1	-	3	2	-	-	-
District of Columbia-----	1	1	2	-	-	1	1	2	6	-	-	-
Virginia-----	1	2	1	-	-	1	3	7	16	-	1	15
West Virginia-----	-	1	-	-	-	1	1	8	13	-	2	-
North Carolina-----	2	2	-	-	-	-	1	10	9	-	1	4
South Carolina-----	-	-	-	-	-	3	-	6	4	-	5	6
Georgia-----	1	1	-	-	-	-	1	7	15	-	6	2
Florida-----	1	1	2	-	-	-	2	10	23	-	-	2
EAST SOUTH CENTRAL-----	4	11	3	-	-	-	7	30	69	-	11	12
Kentucky-----	-	5	-	-	-	-	1	7	21	-	6	7
Tennessee-----	2	-	3	-	-	-	4	8	29	-	1	-
Alabama-----	2	5	-	-	-	-	2	8	6	-	4	5
Mississippi-----	-	1	-	-	-	-	-	7	13	-	-	-
WEST SOUTH CENTRAL-----	9	2	10	-	-	7	5	79	75	-	12	19
Arkansas-----	2	-	1	-	-	-	2	2	14	-	1	3
Louisiana-----	4	1	-	-	-	3	-	42	13	-	-	6
Oklahoma-----	2	-	5	-	-	1	-	5	9	-	1	1
Texas-----	1	1	4	-	-	3	3	30	39	-	10	9
MOUNTAIN-----	-	1	2	1	-	-	-	14	20	-	-	2
Montana-----	-	-	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	-	-	1	-	-	-	-	-	4	-	-	-
New Mexico-----	-	1	-	-	-	-	-	7	6	-	-	-
Arizona-----	-	-	1	-	-	-	-	1	5	-	-	2
Utah-----	-	-	-	1	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	2	1	-	5	2	5	28	28	-	5	10
Washington-----	-	-	1	-	1	-	1	-	1	-	-	-
Oregon-----	-	-	-	-	1	-	-	6	3	-	-	-
California-----	1	2	-	-	3	2	4	22	24	-	5	10
Alaska-----	-	-	-	-	-	-	1	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	1	-	-	1	1	11	12	-	1	-

*Includes 11 delayed cases.

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



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	21st week ended May 24, 1958	20th week ended May 17, 1958	Adjusted average, 21st week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 21 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,457	10,622	10,251	+2.0	251,298	233,275	+7.7
New England----- (14 cities)	636	665	675	-5.8	15,833	15,380	+2.9
Middle Atlantic----- (20 cities)	3,012	3,010	3,052	-1.3	73,018	67,778	+7.7
East North Central----- (19 cities)	2,156	2,286	2,265	-4.8	53,439	50,206	+6.4
West North Central----- (9 cities)	789	813	723	+9.1	17,858	16,392	+8.9
South Atlantic----- (11 cities)	881	892	840	+4.9	22,145	19,694	+12.4
East South Central----- (8 cities)	450	525	453	-0.7	11,927	10,390	+14.8
West South Central----- (13 cities)	901	813	782	+15.2	21,038	19,252	+9.3
Mountain----- (8 cities)	280	296	239	+17.2	6,487	5,753	+12.8
Pacific----- (12 cities)	1,352	1,322	1,238	+9.2	29,553	28,430	+4.0

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	21st week ended May 24, 1958	20th week ended May 17, 1958	CUMULATIVE NUMBER FIRST 21 WEEKS		AREA	21st week ended May 24, 1958	20th week ended May 17, 1958	CUMULATIVE NUMBER FIRST 21 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	207	194	5,424	5,227	St. Louis, Mo.-----	242	240	5,692	5,050
Bridgeport, Conn.-----	27	38	881	797	St. Paul, Minn.-----	76	91	1,708	1,461
Cambridge, Mass.-----	26	34	642	663	Wichita, Kans.-----	57	36	980	949
Fall River, Mass.-----	20	35	624	586	SOUTH ATLANTIC:				
Hartford, Conn.-----	48	52	1,144	1,082	Atlanta, Ga.-----	111	97	2,498	2,373
Lowell, Mass.-----	25	26	600	590	Baltimore, Md.-----	212	238	5,679	5,181
Lynn, Mass.-----	19	15	456	461	Charlotte, N. C.-----	33	62	804	719
New Bedford, Mass.-----	28	23	550	575	Jacksonville, Fla.-----	46	57	1,385	1,150
New Haven, Conn.-----	39	52	1,060	1,000	Miami, Fla.-----	61	53	1,674	1,057
Providence, R. I.-----	66	56	1,439	1,376	Norfolk, Va.-----	25	34	819	786
Somerville, Mass.-----	11	15	304	304	Richmond, Va.-----	62	70	1,676	1,596
Springfield, Mass.-----	46	50	925	939	Savannah, Ga.-----	23	28	741	631
Waterbury, Conn.-----	15	32	603	540	St. Petersburg, Fla.-----	(51)	(46)	(1,593)	---
Worcester, Mass.-----	59	43	1,181	1,240	Tampa, Fla.-----	63	70	1,624	1,412
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	36	49	1,125	1,086	Birmingham, Ala.-----	75	78	2,020	1,655
Allentown, Pa.-----	28	30	742	815	Chattanooga, Tenn.-----	42	47	1,090	1,005
Buffalo, N. Y.-----	168	153	3,432	3,148	Knoxville, Tenn.-----	26	27	642	644
Camden, N. J.-----	40	45	983	843	Louisville, Ky.-----	89	119	2,525	2,314
Elizabeth, N. J.-----	26	27	670	613	Memphis, Tenn.-----	114	109	2,606	2,283
Erie, Pa.-----	31	36	768	736	Mobile, Ala.-----	27	46	906	742
Jersey City, N. J.-----	79	62	1,630	1,457	Montgomery, Ala.-----	21	37	795	469
Newark, N. J.-----	103	79	2,156	2,291	Nashville, Tenn.-----	56	62	1,343	1,278
New York City, N. Y.-----	1,511	1,514	36,967	34,155	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	46	40	958	867	Austin, Tex.-----	17	34	714	633
Philadelphia, Pa.-----	428	468	11,437	10,496	Baton Rouge, La.-----	29	26	647	575
Pittsburgh, Pa.-----	189	191	4,375	3,855	Corpus Christi, Tex.-----	19	12	461	436
Reading, Pa.-----	12	16	469	502	Dallas, Tex.-----	112	103	2,545	2,360
Rochester, N. Y.-----	94	109	2,279	2,047	El Paso, Tex.-----	32	24	817	622
Schenectady, N. Y.-----	14	20	506	474	Fort Worth, Tex.-----	56	56	1,356	1,308
Scranton, Pa.-----	32	32	788	818	Houston, Tex.-----	152	124	3,505	3,184
Syracuse, N. Y.-----	68	62	1,354	1,236	Little Rock, Ark.-----	54	62	1,192	1,134
Trenton, N. J.-----	55	38	1,112	975	New Orleans, La.-----	161	134	3,988	3,603
Utica, N. Y.-----	27	12	590	712	Oklahoma City, Okla.-----	64	69	1,515	1,293
Yonkers, N. Y.-----	25	27	677	652	San Antonio, Tex.-----	86	97	2,127	2,019
EAST NORTH CENTRAL:					SHREVEPORT, LA.-----				
Akron, Ohio-----	52	47	1,286	1,140	Tulsa, Okla.-----	60	43	1,103	1,057
Canton, Ohio-----	38	29	664	672	MOUNTAIN:				
Chicago, Ill.-----	709	770	17,139	16,176	Albuquerque, N. Mex.-----	33	22	612	545
Cincinnati, Ohio-----	151	160	3,674	3,305	Colorado Springs, Colo.-----	11	22	307	295
Cleveland, Ohio-----	186	183	4,697	4,489	Denver, Colo.-----	108	107	2,504	2,400
Columbus, Ohio-----	114	84	2,568	2,423	Ogden, Utah-----	16	16	312	257
Dayton, Ohio-----	71	63	1,646	1,583	Phoenix, Ariz.-----	37	40	1,008	614
Detroit, Mich.-----	279	307	7,100	6,936	Pueblo, Colo.-----	9	11	274	270
Evansville, Ind.-----	41	44	890	679	Salt Lake City, Utah-----	45	63	1,012	933
Flint, Mich.-----	35	42	825	802	Tucson, Ariz.-----	21	15	458	439
Fort Wayne, Ind.-----	27	34	799	766	PACIFIC:				
Gary, Ind.-----	25	32	718	633	Berkeley, Calif.-----	22	25	449	413
Grand Rapids, Mich.-----	24	43	936	866	Fresno, Calif.-----	(42)	(24)	(776)	---
Indianapolis, Ind.-----	99	137	2,759	2,570	Glendale, Calif.-----	(56)	(31)	(757)	---
Madison, Wis.-----	(37)	(37)	(691)	(670)	Long Beach, Calif.-----	57	64	1,191	1,173
Milwaukee, Wis.-----	126	118	3,004	2,795	Los Angeles, Calif.-----	493	479	10,898	10,248
Peoria, Ill.-----	30	33	738	624	Oakland, Calif.-----	79	92	2,059	2,098
Rockford, Ill.-----	(29)	---	---	(548)	Pasadena, Calif.-----	33	23	762	771
South Bend, Ind.-----	21	34	605	524	Portland, Oreg.-----	117	76	2,194	2,043
Toledo, Ohio-----	87	81	2,224	2,006	Sacramento, Calif.-----	65	52	1,141	1,109
Youngstown, Ohio-----	43	45	1,167	1,217	San Diego, Calif.-----	99	115	1,881	1,741
WEST NORTH CENTRAL:					SAN FRANCISCO, CALIF.-----				
Des Moines, Iowa-----	55	59	1,223	1,113	San Jose, Calif.-----	(26)	(27)	(501)	---
Duluth, Minn.-----	16	32	512	547	Seattle, Wash.-----	127	114	2,884	2,849
Kansas City, Kans.-----	22	25	614	646	Spokane, Wash.-----	54	58	1,011	996
Kansas City, Mo.-----	122	128	2,780	2,494	Tacoma, Wash.-----	52	35	840	844
Lincoln, Nebr.-----	(32)	(19)	(562)	---	HONOLULU, HAWAII-----				
Minneapolis, Minn.-----	130	131	2,810	2,655	(26)	(40)	(800)	(832)	
Omaha, Nebr.-----	69	71	1,539	1,477					

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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