# Morbidity and Mortality





U. S. Department of HEALTH, EDUCATION, AND WELFARE

Public Health Service

#### NATIONAL OFFICE OF VITAL STATISTICS

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### Provisional Information on Selected Notifiable Diseases in the United States for

Week Ended June 20, 1953

Beginning with this issue, the current week will be compared with the week of the previous year which most nearly corresponds with the date of the former. For instance, in this issue the week ended June 20, 1953, is compared with the week ended June 21, 1952. Adjustments in cumulative totals have been made to reflect this change, but some medians will be omitted until similar adjustments can be made.

The number of poliomyelitis cases reported for the current week is 403, exclusive of Rhode Island for which no report was received, as compared with 305 for the previous week, and 420 for the same week in 1952. The cumulative total for the calendar year is 3,525 as compared with 2,973 for the same period of 1952; and for the "disease year," the cumulative total is 2,011 as compared with 1,778 for last year.

For the current week, Missouri reported the largest increase over the previous week, 25 cases as compared with 2 for the week ended June 13. States reporting fairly substantial increases were Georgia, Texas, and California. Many others reported moderate increases, and some reported fewer cases.

A high proportion of the cases continue to be reported as nonparalytic.

The cases reported in California for the current week were scattered except for 15 in Los Angeles County, 13 of which were nonparalytic, and 4 in San Diego County. No deaths were reported. In Minnesota 6 of the 15 cases were in Ramsey County where 1 death occurred. In North Carolina, the 12 cases were scattered in 9 different counties. In Ohio, the 15 cases reported were distributed in 10 scattered counties of the State.

#### EPIDEMIOLOGICAL REPORTS

#### Anthrax in animals

According to the monthly report from the Department of Agriculture, there were no outbreaks of anthrax in animals in 37 States, the District of Columbia, and Puerto Rico during May 1953. However, 13 outbreaks occurred in 10 States. As a result of these outbreaks 17 cattle and 10 swine were lost. Infected soil was the source of 4 outbreaks and contaminated feed caused 2. A supplemental report for April shows that 2 outbreaks occurred in 2 States. The losses were 9 cattle and 5 swine. The source of infection was not determined.

#### Outbreak of disease in animals

Dr. John H. Scruggs, Communicable Disease Center, has supplied a preliminary report of an outbreak among cattle in the south central part of Alabama. About 60 animals, principally young ones, in several herds have been affected with an acute illness with hematuria. Twenty-nine animals were known to have died. Laboratory studies are in progress on specimens collected.

#### Tuberculosis

Dr. N. H. Dyer, West Virginia Department of Health, reports that Mycobacterium tuberculosis var. bovis has been isolated from a 25-year-old woman. A premature baby was born to this patient and was discharged from the hospital in good condition, but has

been given BCG vaccine since that time. The patient states that she was in a labor camp in Germany for 3 years (1942-45). There was a large herd of cattle in this camp which supplied the milk. Her husband states that they have never owned a cow and that they have used only pasteurized milk from a local plant since the patient has been in this country. One child of this family has developed tuberculosis meningitis and has been under treatment in a sanatorium. Another child had a negative chest X-ray 1 year ago, and it is expected that he will have another examination within the next few weeks.

#### Gastro-enteritis

Dr. W. L. Halverson, Director, California Department of Public Health, reports that 2 persons became ill following an evening meal served at an inn. The illnesses occurred 5 1/2 and 11 1/2 hours after eating spaghetti and meatballs. Sales checks disclosed that 18 persons were served the spaghetti dinner but only the 2 cases were reported. The spaghetti and a sauce of ground beef and tomatoes were prepared and cooked about noon. Staphylococcus aureus was found in the spaghetti and meatballs. Dr. Halverson also reports that 1 person became ill with nausea, vomiting, abdominal cramps, and diarrhea about 3 hours after eating in a cafeteria. Hemolytic Staphylococcus aureus was found in a sample of cornbread which had been taken from the counter. Samples taken from the distributing company have all proved negative for pathogenic organisms.

Dr. L. L. Parks, Florida State Board of Health, reports an outbreak of gastro-enteritis among a group of women who held a luncheon in a hotel. Ten persons became ill 6 to 12 hours after eating chicken salad. These women developed severe abdominal cramps and profuse watery diarrhea, some complained of weakness and malaise, and about 50 percent had a low fever. All stool specimens were negative. The source of infection was not determined.

Dr. Milton Tully, District Health Officer, New York State Department of Health, reports an outbreak of gastro-enteritis in a school of 600 students. Sixty became ill from 5 to 20 hours after eating lunch at the school. The lunch consisted of fricassee turkey, mashed potatoes, peas, gravy, buttered rolls, milk, peaches, and fruit cocktail. Except for the turkey the food was prepared that morning. The milk was pasteurized and served in individual containers. The suspected vehicle of infection was the turkey which was frozen surplus. The frozen turkeys were removed from a frozen food locker and placed in a cooler (36°F) at the school 5 days prior to serving the meal. Preparation of the fricassee turkey began 2 days prior to serving the meal. It was determined that during these 2 days the meat was not properly handled. No food was available for laboratory examination, and stool specimens from 5 patients were negative. A frozen turkey from the same shipment as those used for the lunch showed streptococci producing green discoloration on medium containing

Dr. Tartakow, Nassau County Health Department, New York, reports that 6 teachers became ill with diarrhea and abdominal cramps from 6 to 12 hours after eating a school lunch. The

meal consisted of chow mein with noodles and rice, bread pudding tea, coffee, and milk. There were 152 children and 19 adults who ate this food without any ill effects. It is possible that only a portion of the food was contaminated. No laboratory tests were made.

Dr. A. M. Washburn, Arkansas State Board of Health, reports an outbreak of gastro-enteritis involving 15 persons following a community gathering and picnic lunch. No other details were given. Communicable diseases in other areas

The outbreak of <u>smallpox</u> in England is considered to be at an end, no cases having been reported since May 10. Information has been received of an outbreak of <u>poliomyelitis</u> in the Egedesminde District of Greenland. There were 12 cases with 1 death during a 4-day period in March. Three more deaths were reported later. More recently 3 new cases, all with paralysis, were reported from the same area.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

	TOTAL WEEK 1			SINCE S	VE TOTAL EASONAL WEEK	CUMULATIV FOR CAL YEA	ENDAR
DI SEASE	June 20, 1953	June 21, 1952	low week ended	1952-53	1951-52	1953	1952
Anthrax062		1	(1) (1)	(1)	(1)	20	19
Botulism049.1	-	2	(1)	(1)	(1)	6	8
Brucellosis (undulant fever)044	35	60	(1)	(¹)	(1)	2744	972
Diphtheria055	42	29	July 1	2,670	3,599	1,000	1,354
Encephalitis, acute infectious082	9	E 11	(1)	(1)	(1)	464	585
Hepatitis, infectious, and serum092, N998.5 pt.	578	298	(1)	(1)	(1)	16,231	8,580
Malaria110-117	81	360	(¹)	(1)	(1)	402	2,192
Measles085	13,954	14,148	Sept. 1	402,115	667,731	370,681	606,058
Meningococcal infections057	79	79	Sept. 1	34,430	4,104	3,156	2,862
Poliomyelitis, acute080	403	420	Apr. 1	42.011	1,778	<sup>4</sup> 3,525	2,973
Rabies in man094	:::::	-	(1)	(1)	(1)	2	
Rocky Mountain spotted fever104A	13	14	(1)	(¹).	(1)	97	91
Scarlet fever and streptococcal sore throat050,051	2,226	1,442	Aug. 1	128,669	87,477	92,081	70,023
Smallpox084	51	-	( 1 )	(1)	(1)	17	1.
Trichiniasis128	6	14	(¹)	(1)	(-)	135	17
Tularemia059	12	12	(¹)	(1)	(1)	254	318
Typhoid fever040	51	48	Apr. 1	6470	414	<sup>6</sup> 75 <b>3</b>	79.
Typhus fever, endemic101	9	8	Apr. 1	54	51.	92	78
Whooping cough056	816	796	0ct. 1	24,154	40,909	15,627	25,794
Rabies in animals	106	205	(¹)	(¹)	(1)	3,826	4,414

<sup>1</sup>Not computed.

#### SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [\*]: disease stated not notifiable; parentheses, [[]]: data not included in total; 3 dashes [---]: data not available.

<sup>&</sup>lt;sup>2</sup>Deduction: Mississippi, week ended June 6, 1 case.

<sup>&</sup>lt;sup>3</sup>Addition: Oregon, week ended June 6, 1 case.

Deduction: Alabama, week ended June 6, 2 cases.

SReported in South Carolina.

Deduction: Alabama, week ended May 23, 1 case.

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED JUNE 20, 1953

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

	DIPHTHERIA (055)		INTECT AND S	SERUM	MIRAS			TIONS	POLIOMY	TE	AND STRE	T FEVER PTOCOCCAL THROAT
AREA				998.5 pt.)	(08		(05		(08	10)	(050	,051)
		week	24th w			week		week		week	24th	
<del></del>	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES	42	29	578	298	13,954	14,148	79	79	403	420	2,226	1,442
NEW ENGLAND	1	-	30	2	178	1,238	3	3	5	2	165	114
Maine	-	`	8 -	1 -	34 1	130 5		<u>-</u>	1	*	45	3 2
Vermont	-		×_	_	19	144	ī			-	1	1
Massachusetts	= -	-	21	1	64	455 37	2	2	1	1	53	52
Connecticut	ī	_	ı	_	60	467	_	1	3	<u>-</u>	12 50	51 51
MIDDLE ATLANTIC	3	7	116	31	872	3,468	13	15	29	- 17	391	377
New York	2	2	100	25	383	1,489	4	8	22	15	283	276
New Jersey	1 -	- 5	- 16 <sup>.</sup>	6	128 361	-1,528 451	4.°	3	2	1	65	62
EAST NORTH CENTRAL	_	2	72	11	3,499	5,297	14	12	5 36	1 40	43	39
Ohib		2	25	1	'	l .					261	356
Indiana		_	25	8	731 370	1,545 70	6 -	1	1.5 5	18 6	53 13	111
Illinois	-	-	13	-	483	529	3	4	10	6	44	43
Michigan		-	8 5	2	909	1,103	2	3	4	4	107	132
WEST NORTH CENTRAL	4	_			1,006	2,050	3	_	2	6	44	54
Minnesota	1	İ	122	16	744	370	9	6	67	31	36	42
Iowa	1 -	_	39 23	- 3	59 280	100	2	1 4	1.5 9	3 16	11 8	18
Missouri	3	-	33	11	226	49	3	-	25	3	4	11
North Dakota	-	-	-	1	34	19	7.		1	1	3	1
Nebraska	-	100	16	12	7 35	3 49	-	-	- 6	5	2	1
Kansas	- 1	-	11	1	103	35	3	1	11	3	5	2
SOUTH ATLANTIC	12	3	67	172	711	840	9	9	47	38	143	85
Delaware	-	-	-	-	4	21	-	394	-	-	3	1
District of Columbia	_	_	21	3	85 11	52 14	2	2	1	-	30	12
Virginia	-	81	24	22	120	371		4	6	5	76	56
West VirginiaNorth Carolina	- 2	-	6	1	206	97	-	-	1	5	13	2
South Carolina	7	2	5	34 2	1 <b>31</b> 52	114 36	3 2	1	12 1	8	13	7
Georgia		-	10	104	46	64	í	-	17	7	1 3	1
Florida	1	-	E -	6	56	71	1	2	9	12	1	2
EAST SOUTH CENTRAL	10	7	71	33	138	326	6	10	50	34	53	13
KentuckyTennessee	2	1	29	7	65	99	-	3	2	3	22	2
Alabama	3 3	1	16 13	11	22 17	98 109	2 2	1 3	8 28	2 8	23	6
Mississippi	2	ī	13	5	34	20	2	3	12	21	6 3	1
WEST SOUTH CENTRAL	9	9	22	4	2,391	597	6	6	107	171	685	117
Arkansas	-	1	3	4	102	97	-	( <b>*</b> €)	8	4	31	5
LouisianaOklahoma	3	- 1	-	-	126	13	2	1	21	17	5	2
Texas-	1 5	- 8	1 18	3. <del>2</del> .	96 2,067	50 437	1 3	- 5	13 65	4 146	6	11
MOUNTAIN	_	_	10	7	1,118	415	3	3	19	20	643 165	99 17 <b>4</b>
Montana-	_	_			69	77	_	1	1	7	1	
Idaho	-	_	6	_	103	51	-		ı	í	5 11	5
Nyoming	-	-	-	-	40	12	- 1	-	2	2	91	31
Colorado	-	_	2 -	2 5	373 142	77 27	2	1	7 2	5	19	7 2
Arizona	-	-	_	-	264	36	-	343	4	6	13	97
Otah	-	-	2	-	127	125 10	-	-	2	-	17	27
PACIFIC	3	1	- 68	22	4,303	1,597	16	15	43	67	707	
ashington	1				583	201	2		W.		327	164
regon		_	17 25	10	328	107	1	1	2	12 2	11 15	10
California	2	1	26	12	3,392	1,289	13	13	40	53	271	14 140
Alaska	(-)	(-)	(-)	(-)	(7)	(-)	(-)	(-)	(-)	(-)	(-)	(-
Hawaii	(-)	(-)	(1)	(1)	(2)	(14)	(1)	(-)	(1)	(6)	(1)	(-

## Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED JUNE 20, 1953—Continued

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

	TYPHOID		WHOOPIN		Brucellosis (undulant fever)	tis, fec- 32)	17)	Rocky Mountain Bpotted fever (104A)	Bie )	(650)	fever, ic (101)	animals
AREA	(040 24th		(05	•	Brucellosi dulant fe (044)	Encephalitis, acute infec- tious (082)	aria (110-117)	y Mour tted 1 (1044	Trichiniasis (128)	Tularemia	Typhus fer endemic (	i i
			24th		ruce dul	ncephe acute tious	Malaria (110	Rocky spott	7.1cl	ula	yphi	Rabies
	1953	1952	1953	1952		<b>M</b>		μ4				
UNITED STATES	51	48	816	796	35	9	81	13	6	12.	9	106
NEW ENGLAND	2	2	97	20	× -	1	1	-	3	-	-	-
Maine	-	-	13	-	-	-	1	- '	-	-	-	
New Hampshire	_	1 1	1 12	- 6	-	1	-	- 1	-	-	- 1	-
Massachusetts	2	_	28	11	_	_	_	_	_	I [	_ [	
Rhode Island	-	-	21	-	-	- 4	-	-	-	-		
Connecticut	- 1	-	22	3	-	-	-	- 1	3	-	-	•
MIDDLE ATLANTIC	6	5	164	94	1	6	3	-	2	-	To	
New York	4	3	93	32	1	6	1	-	2	-	- 1	
New Jersey	- 2	2	36 35	34 28	-	-	2	_	_	-	-	
EAST NORTH CENTRAL				1.0	_				-	-		
Ohio	1	6	107	67	5	1	1	-	-	1	-	19
Indiana	1	-	21	28	-	-			-	[ ; ]	-	]
Illinois		1 5	17 3	5 4	- 1	1.5	, 1		-	1		13
Michigan	-	-	42	19	î	1	-	_	_	-	b -	3
Wisconsin	-	-	24	11	3	-	-	-	-	-	-	-
WEST NORTH CENTRAL	4	1	5	13	17	-	3	-	-	-		12
Minnesota	1	-	1	3	6		2	(*)	-		: ·	1
Iowa	2	1	1	2	8	-	-	-	150	-	-	$\epsilon$
North Dakota	1 -		2	2	1	-	1	-	- 3			]
South Dakota	_	_	1	100	2	-	2			<u> </u>		
Nebraska	12	-		5	2		-		-	-	-	3
Kensas	-	-	-	1	2	-	-	-	-	- 1	-	-
SOUTH ATLANTIC	17	8	77	68	5	-	15	6	-	1	3	16
Delaware	1	1	_	2	-	-	-	- 1	-	-	-	-
Maryland District of Columbia	1	-	7 7	1 -	-	-	1	-	_	] [	_	
Virginia	1	3	8	26	_	_	1	5	_	_	_	7
West Virginia	2	1	9	17	-	-	1	-	-	-	-	2
North Carolina	3	-	9	6	-	-	-	1 1	-	-	-	1
Georgia	9	- 1	14 20	3 8	4	-	3 8	- 1	-	_ i	3	2
Florida	-	2	3	5	ı	_	ì	_	_		-	-
EAST SOUTH CENTRAL	3	12	20	108	2	_	_	2	_	1	-	34
Kentucky	2	3	6	70	_	_	_	2	· <u>-</u>	_	_	5
Tennessee	_	3	1	23	1	-	-	-	-	-	- !	7
Alabama Mississippi	1	2	13	3		-	-	-	*	-	-	17
	_	4		12	1	-	-	-	<b>"</b>	1	-	5
WEST SOUTH CENTRAL	15	13	155	269	3	-	14	1	1	5	6	14
Arkansas	5	8	13	9	1	-	1	- 1		2		1
Oklahoma	1 1	2	1	9	_	-	1	1	î	1	:	_
Texas	8	3	137	242	2		8		*	4	6	13
MOUNTAIN	2	1	108	69	2	1	-	4	-	4	-	2
Montana	-	-	16	1	-	-	_		-	÷	-	_
Idaho	-	-	1	-		-	-	1 7	-	=	-	-
Colorado	1	-	- 11	4	2		_	3 -	_	2	-	_
New Mexico		1	34	1	_	-	-	_	_	-		_
Arizona		-	4	63	-	1	-	-	-	= :	-	2
UtahNevada	1 -	-	42	_	_		_	_	_	2	_	9
PACIFIC					_			_	_	-	_	_
	1	-	83	88	-	-	44	_		-	-	2
WashingtonOregon	-	_	11	3	-	***	4			-		1
California			32 40	81	_ i	00	40		-	1 100	76-	l ī
Alaska		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(_)	(-)	(-)	(-
Hawaii	(-)	(-)	(3)	(-)	(-)	(-)	(16)	(-)	(-)	(-)	(-)	(-
Puerto Rico	(2)	(-)	(28)	(23)	(-)	(-)	(-)	(-)	1-1	(-)	\ \rac{1}{-1}	(4

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED JUNE 20, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

				- ROLY HUMBE			T NOVIDIO	JII 01 (	are inter	natio	THI LIE	3 LB , 19	46)		
AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Меавlев (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND						!									
Boston	_			1	7	-	, u		15	-		1741	120	8	
Bridgeport	-	-	-	_	-	-	-	_	-	-	_	-		-	
Cambridge Fall River	-	-	-	-	2	- 1	-	-	-	-	-	-	-	4	-
Hartford	_	_	=	_	2	_	_	_	16	_	_	_		1 3	-
Lowell	-	-	-	-	-	- 1	_	-	1	-	-	_	- 1		-
Lynn New Bedford	-	-	-		-	-	-	-	2	-		-	-	3.50	-
New Haven	_	_	_	_	7	_	_	_	2	_	_	1	100		- 3
Portland, Me	-	-	-		4	-	_	_	18	_	_	-	_	_	- 2
ProvidenceSomerville	-	-	-	- 2	i -	-	-	-	9	-	-	-	-	-	12
Springfield, Mass	_	_	_	1	- 6	_	-	_	3	-	-	-		-	-
Waterbury	_	_	-		-	] -		_	1	-	_	[		-51	
Worcester	-	-	-	8	1	-21	-	-	5	-	-		-	1	
MIDDLE ATLANTIC															
Albany			-	,	200	١,	==	-	١,	123	57000		HO ==0.1		0.50
Buffalo	_	_	_	1 -	33	1 1	-	-	1 9	-	12			-	
Camden	20000000	-	-		7		- 1	-	Ĭ	-	-	-	-	-	-
Erie					23		575	****	1	7.7.7				1	7.77
Jersey City	72	120	2	24	1	2	_ na	721	3	2	11 02	720	-	-	
Newark, N. J New York City	-	129	2	:-	6	-		-	1	-	-	-	-	2	-
Paterson	- :*:	2	6	8	157 12	2	13	-	28	-		3	-	53	-
Philadelphia	-	-	-	11	28	2	-	-	7		_	-	-	4	
Pittsburgh	-	-	-	-	20	2	2	-	2	-	-		-	2	-
Reading	_	-	-	-	27 10	-	-	-	-	-	-	-	-	1	5,000
Schenectady	-	123	ũ	-	10	<u></u>	(4)	- 3	13	=	-	17.5	9 -	-	
Syracuse	-	-	-	2	1	-	540	1,520	16	-	-	-	-	- T-1	
TrentonUtica	(4)		-	-	6	-	-	-	-	-	-	-	-	-	-
Yonkers	, <del>-</del>	-	-	3	14	_	-	-	1	-	-	-	12	-	-
										_	_	_ [	_	_	
EAST NORTH CENTRAL															100
Akron		-	-	1	124	5	-	2 <b>7</b>	4	77.5	: <del>-</del> :	: <del>*</del> ::	-	4	
Chicago	_		=	4	190	1	2	-	7	_	_	-	7	2	
Cincinnati	-	-	_	~	7		-	_	i	_			- 1	5	-
ClevelandColumbus	-	-	2	-	46	-	-	-	12	-	-	-	-	30	-
Dayton	-	i i	_	5	46 3	_	ī	_	- 1	-	_	1	-	4	10.
Detroit		-	1	_	153	_	-	_	24	_	_	-	-	7	
Evansville	-	-	-	-	4	-	1	-	2	-	-	-	-	_	-
Fort Wayne		-	_	1	2 26	- 1	-	-	-	-	-	-	-	3	-
Grand Rapids		] [	_	-	1	] [	_ [	_	_			-	-		
Indianapolis	-	-	-	-	17	-	-	-	-	-	-	-	-	-	2
Peoria	-	-	-	-	186	1		-	3	-		-	-	-	
South Bend	_ [	_	-	-	10 10	_ [	1	-	3 -	_		2.1			
Toledo		(****)													
Youngstown	-	- 1	-	1	8	-	-	11-	-	-	-	-	-	-	
WEST NORTH CENTRAL															
Des Moines		350		14	8	1	-	-	6	200		(m.)	*		
Duluth	-	-	-	-	8		2	-	3	-	-	-	-	-	-
Kansas City, Mo		2000			1	222	1		1222						
Minneapolis	- T	37.7		1	17	***	-	-	3	40000	33200	-	3.0.00	1 - 1	
Omaha						222									
St. Louis	-	-	ti -	1	10 16	5	2 5	- -	2	-		1	-	3	1
Wichita	- 1	[	_	1 -	2		-	_	-		_	1 -		-	
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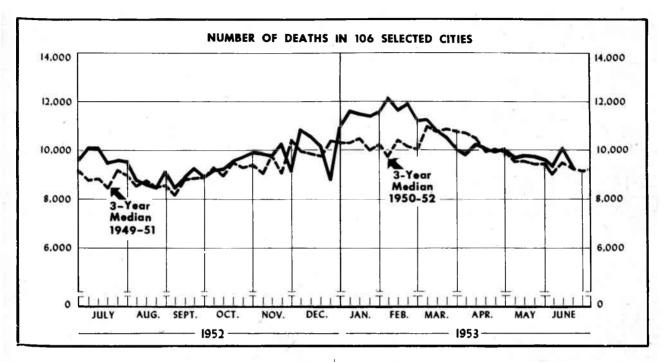
## Weekly Morbidity Report

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED JUNE 20, 1953—Continued

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Repatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and atraptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC				-						İ				Ì	
Atlanta-Baltimore-Charleston, S. CCharleston, W. VaCharlotte-Miami-Norfolk-Richmond-Savannah-Tampa-Washington, D. C				3 - - 1 2	26 4 4 8 1 6 2 9 4	1	3 1	-	1 22	-		1 1 2	1	- 6 - - 1 - 3 7	-
Wilmington, Del	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
EAST SOUTH CENTRAL  Birmingham				3 2 - 3	1 1 - 16 6 - 1	1	4 - 1 1 - 7	1111	1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			= 1 (0) 1 1	-	1 2 1 - 1 -	1
Dallas		1			43 26 5 1 64 1 2 7 160	1	5 1 1 10 - 3 - 6 2	-	- 5 2 - 1 1 1	-	-	1		7 2	33
Albuquerque					7 17 46  4  39 23		1		1				V1	10	inum
PACIFIC  Long Beach Los Angeles Oakland	1			3	92 418 218 16 111  169 380 9 45	2	1 1	1	1 18 6 - 2  3 10 4 6		-	2		1 5 1 2 1 5 1	-

## Provisional Statistics for Deaths in Selected Cities for Week Ended June 20, 1953



The chart shows the number of deaths reported for 106 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 three 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 where 50 deaths are the weekly average, 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 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

	24th week ended	23d week ended	24th week	Percentage difference between	CUMULATIVE NUMBER FOR FIRST 24 WEEKS				
GEOGRAPHIC DIVISION	June 20, 1953	June 13, 1953	median 1950-52	current week and median	1953	1952	Percentage difference		
TOTAL: 104 REPORTING CITIES	9,156	9,951	9,138	+0.2	251,163	241,952	+3.		
							- 5		
ew England(14 cities)	578	701	633	-8.7	16,748	16,587	+1.		
dddle Atlantic(17 cities)	2,773	2,985	2,758	+0.5	75,112	73,526	+2.		
ast North Central(17 cities)	1,825	2,107	1,978	-7.7	54,074	51,967	+4.		
est North Central(8 cities)	828	744	665	+24.5	18,692	17,182	+8.		
outh Atlantic(9 cities)	650	758	686	-5.2	19,561	18,869	+3.		
est South Central(7 cities)	442	390	390	+13.3	10,987	10,262	+7.		
est South Central(13 cities)	802	788	721	+11.2	19,182	17,992	+6.		
ountain(7 cities)	229	222	226	+1.3	6,022	5,474	+10.		
acific(12 cities)	1,029	1,256	1,103	-6.7	30,785	30,093	+2,		

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

 ${\bf JUNE~20,1953} \\ \hbox{(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)}$ 

CITY	24th week ended	23rd week ended	CUMULATIVE FOR FIRST		CITY	24th week ended	23rd week ended	CUMULATIVE NUMBER FOR FIRST 24 WEEKS		
4.8	June 20, 1953	June 13, 1953	1953	1952	3455)	June 20, 1953	June 13, 1953	1953	1952	
NEW ENGLAND					WEST NORTH CENTRAL—Con.					
Boston	188	213	5,668	5,632	St. Paul	60	54	1,599	1,49	
Bridgeport	29	41	801	846	Wichita	63	29	1,029	95	
Cambridge	22	38	696	760	SOUTH ATLANTIC					
Fall River	22 36	37 47	699 1,124	687	Atlanta	85	103	3 630	2,41	
Lowell	20	22	630	1,077 615	Baltimore	200	240	2,610 5,740	5,71	
ynn	26	30	543	539	Charlotte	21	24	706	64	
lew Bedford	20	23	579	568	Miami	55	48	1,512	1,33	
lew Haven	38	42	1,085	1,048	Norfolk	22	26	784	73	
rovidence	47	<b>4</b> 6	1,495	1,554	Richmond	56	55	1,598	1,67	
Somerville	10	19	382	401	Tampa	48	46	1,378	1,39	
Springfield, Mass	29	44	981	912	Washington, D. C	134	166	4,420	4,18	
VaterburyVorcester	18 73	28 71	651	592	Wilmington, Del	29	50	813	77	
or cester	, ,	'1	1,43.4	1,356	EAST SOUTH CENTRAL					
MIDDLE ATLANTIC					Birmingham	83	59	1,769	1,63	
Albany	,,,	7.0	1 107		Chattanboga	47	28	1,176	1,10	
Suffalo	29 143	39 147	1,107 3,550	992	Knoxville	31	30	821	81	
Camden	34	<b>3</b> 6	871	<b>3,44</b> 2	Louisville	69	104	2,598	2,37	
Clizabeth	20	29	736	781	Memphis	112	93	2,548	2,29	
Prie	38	33	844	807	Mobile	36 (26)	(28)	777 (685)	78	
Jersey City	75	54	1,737	1,765	Nashville	64	48	1,298	(63 1,25	
lewark, N. J	115	96	2,618	2,572	11			2,000	1,2	
lew York City	1,452	1,633	39,603	38,651	WEST SOUTH CENTRAL					
aterson	30	34	959	974	Austin	24	25	614	55	
hiladelphia	414 161	438 172	11,915	11,706	Baton Rouge	11	9	352	37	
lochester, N. Y	86	85	4,285 2,349	4,299	Corpus Christi	18	16	439	40	
chenectady	21	28	597	2,270 553	Dallas	102	89	2,317	2,12	
Syracuse	51	41	1,293	1,293	El PasoFort Worth	= 33 66	18	719	63	
renton	46	61	1,214	1,075	Houston	102	150	1,432 3,006	1,29	
Jtica	29	26	775	743	Little Rock	48	41	1.059	1,12	
onkers	29	33	659	703	New Orleans	151	182	3,917	3,73	
TACE NODER CENTRAL					Oklahoma City	66	63	1,366	1,25	
EAST NORTH CENTRAL					San Antonio	94	75	2,029	1,83	
kron	53	49	1,455	1,321	Shreveport	47	47	1,012	92	
anton	13	27	693	670	Tulsa	40	25	920	92	
ChicagoCincinnati	613 151	75 <b>3</b> 1 <b>3</b> 5	18,610 3,692	17,904	MOUNTAIN			-	27	
Cleveland	208	195	5,134	<b>3,4</b> 89 5,120	Albuquerque		,,,	657	59	
Columbus	75	96	2,590	2,453	Colorado Springs	28 14	18 15	657 321	29	
Dayton		(67)		(1,476)	Denver	111	100	2,747	2,53	
Detroit	185	305	7,813	7,542	Ogden	19	13	293	32	
Evansville	42	34	828	809	Phoenix	15	16	580	52	
lint	33	36	897	817	Pueblo	9	9	338	25	
Cort Wayne	30	30	737	733	Salt Lake City Tucson	33	51	1,086	96	
rand Rapids	25	36	969	915 2,692		(3)	(6)	(134)	(13	
ndianapolis	107 104	112 103	2,762 3,037	2,692	PACIFIC					
eoria	30	31	762	706	Berkeley	17	13	428	47	
outh Bend	22	31	589	5 <b>47</b>	Long Beach	48	46	1,166	1,14	
Coledo	85	94	2,273	2,160	Los Angeles	320	470		10,87	
Coungstown	49	40	1,323	1,168	Oakland	80	97	2,384	2,38	
				-	Pasadena	40	35	1	2,34	
WEST NORTH CENTRAL					Portland, Oreg	77	107		1,12	
es Moines	38	64	1,218	1,243	Sacramento	43	56 57		1,75	
uluth	23	23	637	620	San Diego	66 164	194		4,6	
Ansas City, Kans				(864)	Seattle	100	112		2,72	
Ansas City, Mo	165	124	3,131	2,805	Spokane	39	37		99	
inneapolis	150	128	3,237	2,804	Tacoma	<b>3</b> 5	32		83	
mahait. Louis	70	60	1,651	1,549	Honolulu	(30)			(80	
	259	262	[ 6,190	5,717	I DOMOTATA	, (JU)	( 4.6	, \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, \ -	

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.

GPO 83-56244