Morbidity and Mortality

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

Prepared by the

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Weekly Report

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 9, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

Reports from various States indicate that the incidence of influenza and influenza-like disease remains high although a number of States report decreases. Some report a decrease in one part of the State and an increase in other parts. A few States report that absenteeism in industrial employee groups has increased slightly. The estimated total number of cases for the week ended November 9 in 38 States is about 1,100,000.

Mortality from all causes in 114 large cities decreased slightly-less than one percent-for the week ended November 9 as compared with the previous week. Deaths from influenza and pneumonia increased only about 4 percent as compared with 11 percent for the previous week. The total for the week

(887) was about 3 times higher than the number (291) for the same week of 1956. The excess number of deaths from influenza and pneumonia since September 1 is 2,410 in excess of the number for the same period last year. Nearly 90 percent of this excess occurred in the past 6 weeks.

Reports continue to be received of "influenza-associated deaths." Two in Cleveland at autopsy showed hemorrhagic pneumonitis, and in both instances, an Asian strain of influenza virus was isolated from lung tissue. Type 15 pneumococcus was cultured from the lungs of one case and a variety of organsims including a nontypable strain of Hemophilus influenzae from the other. In Vermont, 2 cases of severe staphylococcus pneumonia have been reported in a 50-year-old woman and a 60-year-old man. A fatal case in a 22-year-old man also Continued on page 2

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

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

Manager 10 million and contra	45th WEEK			n ar a	N.C.					
statute day	Tota.			Fii	rst 45 wee	ks	Since s	easonal l	ow week	Approxi- mate
DISEASE	Ended Nov. 9, 1957 ¹	Ended Nov. 10, 1956	Median 1952-56	1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	seasonal low point
Anthrey	2 2 2 2	1000		18	34	28	(2)	(2)	(2)	(2)
Botulism049.1		-		11	12	12	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)044	14	17	27	831	947	1,485	(2)	(2)	(2)	(2)
Diphtheria	23	41	67	923	1,250	1,681	459	424	826	July 1
Encephalitis, infectious082	50	32	26	1,663	1,979	1,746	1,103	1,350	1,153	June 1
Hepatitis, infectious.		1.1.1.1.1.1	1.1.1	V. Suren					10.00	and the second second
and serum092. N998.5 pt.	250	281	382	13,353	16,988	27,956	2,343	2,909	4,468	Sept. 1
Malaria110-117	4	6	12	140	218	644	(2)	(2)	(2)	(2)
Measles085	1,429	1,751	1,751	460,510	588,725	588,725	10,856	12,023	10,290	Sept. 1
Meningococcal infections057	66	56	61	2,171	2,380	3,632	486	415	523	Sept. 1
Meningitis, other	41	36		2,058	1,372					
Poliomyelitis080	67	263	702	5,579	14,411	33,300	5,053	13,359	31,408	Apr. 1
Paralytic080.0.080.1	35	145		1,976	6,196		1,702	5,613		Apr. 1
Nonparalytic080.2	17	76		2,716	5,599		2,553	5,329		Apr. 1
Unspecified080.3	15	42		887	2,616		798	2,417		Apr. 1
Psittacosis096.2	4	8	2	222	454	243	(2)	(*)	(2)	(2)
Rabies in man094		-		4	8	8	(2)	(2)	(2)	(2)
Typhoid fever040	23	21	31	1,183	1,616	2,059	926	1,304	1,662	Apr. 1
Typhus fever, endemic101	1. 200	-	1	109	92	155	84	73	125	Apr. 1
Rabies in animals	65	81	102	3,774	4,161	6,046	371	409	629	Oct. 1

Data exclude report from Texas for the current week.

²Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS-Continued

has been reported. In Pennsylvania, an infant born on November 2 developed symptoms of a respiratory infection shortly after delivery. An X-ray examination showed involvement of the entire right lung. The infant died 4 days after delivery in spite of antibiotic therapy. The mother had a history of influenza with onset about October 31. Dr. N. J. Rose, Illinois Department of Public Health, reports that there have been 36 influenza-associated deaths in that State, 12 of which occurred in the Dixon State School epidemic. An Asian strain of type A influenza virus was isolated from 2 of the 12 cases in the school. Influenza complicating pregnancy was reported as the cause of death of 3 mothers and of their 3 infants who were delivered by post-mortem section. One death was reported in a premature infant whose mother had had influenza. and another death, from postinfectious encephalitis following an attack of influenza. Two other cases of postinfectious encephalitis have been reported in Cook County, outside of Chicago.

The Montana Department of Health has reported deaths in 2 women who were 65- and 57-years of age. Tuberculosis was stated to be the underlying cause of death and influenza the contributing cause. For a 70-year-old man who died, silicosis and influenza were reported as the underlying causes of death.

The age distribution of 95 deaths associated with influenza in upper New York State has been as follows:

Under 1 month	5
1-11 months	3
1-4 years	1
5-14 years	9
15-24 years	9
25-44 years	14
45 years and over	54

Bacteriologic findings at autopsy in 10 cases showed pneumococci in 1 case, hemolytic <u>Staphylococcus aureus</u> in 5, beta-hemolytic streptococci in 1, and no organisms in 3.

The World Health Organization has communicated the following information through the Regional Office (PASB): From the end of August to November 1, 130,000 cases of influenza were reported in 1,194 schools in Japan. All prefectures have been affected. The disease is generally mild.

Diphtheria

The reported incidence of diphtheria since the seasonal low continues to be greater this year than in 1956. During this disease year 459 cases have been reported as compared with 424 cases for the same period of last year, an increase of 8.3 percent. In recent weeks the following States have reported an increased incidence: Georgia, Pennsylvania, Arkansas, Minnesota, South Carolina, Mississippi, and Nebraska.

Dr. C. R. Reinstein, Wyoming Department of Public Health, has reported an outbreak of diphtheria in Casper. The index case had an onset October 30 in a 4-year-old girl. This child was presumed by the mother to have "Asian influenza" which was epidemic in the community at the time. She had fever, anorexia, and a nasal discharge which was from the first serous and became bloody by noon November 1. Her mother

thought she had developed mumps because of swelling behind the ears. A physician was called on November 2 because the child was unable to swallow. Hospitalization was advised. On admission the patient presented a typical "bull neck" with marked cervical edema and an overlying erythema. A bloody, thin nasal discharge was present. The tongue was dry and crusted. The oropharynx was covered by a necrotic, gray, thick membrane. The breath was foul and had a "mousey" odor. Smears revealed gram-positive rods with clubs and granulations suspicious of Corynebacterium diphtheriae. Cultures taken were positive for the organism and were sent for confirmation and typing to the Communicable Disease Center laboratory at Chamblee, Georgia, where they were reported as virulent C. diphtheriae. Despite large doses of antitoxin and antibiotics, the patient became increasingly toxic and lethargic. She then became aneuric and died on November 6. Cultures of the family and intimate contacts revealed 2 carriers, both siblings of the patient.

The second case of diphtheria was unrelated to the first and from a different area. No connection between these 2 patients has been determined, as yet. Cultures of the second case were negative. Later one of the siblings of the first case became ill with a sore throat and was hospitalized as case number 3. An immunization program has been instituted to prevent the spread of the disease.

Tuberculosis, avian type

Dr. J. C. McGuire, Kentucky State Department of Health, has reported a case of <u>Mycobacterium tuberculosis avium</u> in an individual who has been in a sanitorium for the past year. A definite diagnosis was difficult to obtain, but the State laboratory was able to secure positive cultures for the avian strain. This finding was confirmed by the Communicable Disease Center laboratory in Chamblee, Georgia.

Encephalitis

Dr. A. A. Jenkins, Utah State Department of Health, has supplied information on an investigation of an outbreak of encephalitis in the State. Three cases of western equine encephalitis have been confirmed clinically and by laboratory studies. These are the first confirmed cases of the disease on record in the State. Only 1 other case has been reported during the last 12 years, but there is no record of the laboratory confirmation. Investigation of the current outbreak is still in progress and clinical cases, without laboratory confirmation, will be reported as presumptive. At present there are 2 of these cases.

Psittacosis

The California State Department of Public Health has reported a case of psittacosis in a 56-year-old woman. She became ill with severe cough, dyspnea, wheezing, and later became very weak. A chest X-ray showed fibrous infiltration of the right apex. A diagnosis of psittacosis was confirmed by complement fixation test with a titer of 1:128. The patient owned an aviary and was in contact with 40 psittacine birds. One of these was a sick parakeet which died. No laboratory tests were made on this bird or any others in the aviary. The source of the birds was not given.

Continued on page 8

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 10, 1956 AND NOVEMBER 9, 1957

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

$\lim_{t\to\infty} u_t-u_t = \int_{t}^{t} u_t-u_t = 0$	BRUCEL (UNDU FEV	LOSIS LANT ER)		DIPHTH	ERIA 055		ENCEPHA INFECT	LITIS, IOUS	HEPA	TITIS, I ERUM 092	NFECTIOUS, ,N998.5 pt	AND
AREA	04	4	45th week Cumulative first 45 weeks O82 45th week Cumulative first 45 weeks 1957 1957 1957 1957 1957 1957 1957		tive weeks							
7.1.18 . 77 . 18	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES1	14	17	23	41	923	1,250	50	32	250	281	13,353	16,988
NEW ENGLAND		, C		1	24	13						1.1.1
Maine	·	1	h. 01.	-	3	- 13	-	1	6	18	720	1,087
New Hampshire	-	-	1.1	- S.		1		-	10.00	-	8	31
Magaachusetts		-				10			1.1	1	88	152
Rhode Island	-	-		1 8 1	-	14	2	1		3	212	278
Connecticut		그는 말			1.00 -	1 -	-		2	4	114	230
MIDDLE ATLANTIC	1	1	1	2	78	54	11	5	33	40	2 140	7 007
New York	2 I	-	-	- 1	34	19	9	5	28	27	1,343	1,922
New Jersey	-		-	2	10	16	2	-	3	3	259	340
	100	-	-		34	19	-		2	18	546	1,361
Chio	6	3	1	11	46	217	4	5	93	47	2,339	2,587
Indiana	1 2		1	3	13	92	2	3	15	18	571	633
Illinois	6	1	100	12-	3	8	1		57	11	504	346
Michigan	-	2	l e refe	6	16	99	1	-	13	9	589	695
#18COn81A	-	- 5	-	C. Sal	2	2		1	5	7	234	299
WEST NORTH CENTRAL	6	7	3	3	76	104	2	5	11	13	744	1,361
Iova		2	2	_	54	26		100	5	9	277	441
Missouri	3	-		1	í	12	1	1	1 5	1	170	347
North Dakota	цт.	-	14 P.4	-	3	5	1.5	-	-	1	221	118
Nebrasko	1	1		S. 65	7	8	-			1	34	164
Kansas	2	2	-	2	17	30		-	-		24	92
SOLETH ATTANTIC			12	13	310	771	1			1. S. 1.	26	110
Delaware			-	-	512	351	19	4	21	17	1,027	1,095
Maryland	-	I		C. 14	3	2	-		1.5	3	10	31
District of Columbia			- 1		£	1	I	1. S	1114	-	12	20
West Virginia-	-	2 - E	1	1	15	30	16	1.1	7	10	398	441
North Carolina	= -	12.2	2	3	40	58	2		-	1	86	60
South Carolina		-		1.1	86	78	116 F	-	-	1	29	59
Georgia	-		8	3	88	70	-	1	4	1	118	143
Pior commence and comme	5		1	Þ	/4	85	-	18.15	8	-	186	142
EAST SOUTH CENTRAL	-	1	2	6	139	180	So i Guide	1	28	24	1,706	1,500
Теплеввее	$\mathbb{P} \setminus \mathbb{P}^{2}$	ī			10	21	-	1	18	13	732	463
Alabama	-	-	-	4	60	95		1	4	4	621 234	632
Mississippi		-	2	2	51	53	S 8 - 9	- 1		i	119	212
WEST SOUTH CENTRAL	1 July -	1	2	4	182	270	-	6	12/20	21	1.014	1.239
Arkansas	-			1	33	21			5 15-	3	73	133
Oklahoma	· •	1	1	1.1	19	29	-	-		2	51	125
Texas				3	1109	162		6	-	4	119	99
MOUNTAIN		1 1 Car	2	1	32	28		2		14	-771	882
Montana		-	-	ī	9	4		-	-	21	1,153	1,456
Idaho	10 19 T		-	12.0	1	1	10-00	-	2	2	93	187
Colorado	-	-	1		3	7	-	1 E -	1012	10	48	102
New Mexico	100		1	100	11	5			4	4	175	333
Arizona		-		121	4	5	-	2	14	1	231	125
Newsla	1 J	-	-		2	3	10 E		2	ī	53	69
*** V&((8	-					1 200	2454			1000	30	8
PACIFIC	1	3	6 C	122	34	53	12	3	36	72	2,502	3,040
Oregon	- T		1	-	23			-	7	7	345	580
California	1	3			8	31	12	3	5 24	15	467	609
Alaska						35			1	00	1,050	1,851
Hawaii				1.1	21					6	92 262	138
Puerto Rico		2 L.		2	53	68	-	100		2	154	214

¹Data exclude report from Texas for the current week. Excludes report for the current week.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 10, 1956 AND NOVEMBER 9, 1957-Continued (By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1943)

		POLIOMYELITIS		TIS 080		87 ° A						
	対応	T	otal ³		Paral	ytic	Nonpar	alytic	MALA	RIA	MEAS	LES
AREA	45th	week	Cumul first 4	ative 5 weeks	080.0,	080.1	080	.2	110-	117	08	15
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES1	67	263	5,579	14,411	35	145	17	76	4	6	1,429	1.751
NEW ENGLAND	1	2	79	241	1	2		1.	-	· .	89	77
Maine	1		8	21	1	1. C I	-	,	-		36	10
Vermont	100	1.2	5	21			S 2				1847	4
Massachusetts	1,15-1		24	105	- 1	-	-	I		- 14 -	46	16
Rhode Island	CULE:	1.1		9	8 - C - I		£.r. −.	- 20	-		1	2
Connecticut	1000	2	38	82	0.00	2	- 32° -	10.01	- 1	-	6	45
MIDDLE ATLANTIC	4	17	331	1,143	3	3	1	8	-	5	116	285
New Jorgen	3	12	210	206	2	3	1. and 1.	1	5		12	75
Pennavlvania	1	2	42	190	1	1290 <u>-</u>		. ° ≣	2.11		27	50
RAST NORTH CRIMINAT	23	60	1.493	3,936	10	27	5	19		1	336	275
Ohio	7	9	262	590	10	4	3	- 13		1	98	18
Indiana	5	20	184	376	3	9	1	9	-	-	11	42
Illinois	3	10	342	1,806	3	4		2	-	10.00	45	63
Michigan	7	12	494	644	3	6	4	6		-100	28	48
Wisconsin	-	9	211	520	- 1	*	1.146	4	- 17		154	101
WEST NORTH CENTRAL	2	16	440	1,641	-	8	2	2		- A T	31	95
Minnesota	1	5	82	619	1.6.1	3		14. T		4 PE 23	3	26
Missouri	i	2	117	401		ĩ	i	-	1		8	13
North Dakota	1000	2	11	36	50 I	1	10 al	1		1.11	14	15
South Dakota	-		39	35	3 - 1	-		2010	-	-	5	1
Nebraska	1.00	4	76	169	1.1	2	-	10.00	e	-9.5	100 A	-1.c.298
Kansas	-	4	04	104	1000			100	100	121112-0	100	Succes
SOUTH ATLANTIC	5	23	793	1,400	2	10	89 E.	11			323	125
Delavare		2	25	97		1	1	12 A S	-	$\sim \sim -\infty$	53	2
District of Columbia			64	10	23.7		17. V.	-	. S	2112	6	1
Virginia	Sale - 1	5	106	221	이 전 사람이	3	10 E	2		200	10	20
West Virginia	- 100 -	2	47	106	R 🖓 🗝	1	10 IF	1	1.1.2.1	-	210	40
North Carolina	1	9	213	309		4	341 T.	5	- N	- 11 C	5	20
Georgia	2	ī	80	189	1	1		-		8 1	4	17
Florida	1	4	127	339	1		-	2	-		6	
TAST SOUTH CENTRAL	q	38	391	672	3	29	3	4	1	1	67	251
Kentucky	4	9	105	178	2	6	2	3	1		20	60
Temessee	2	21	144	141	1	20	1	1 i		-	39	139
Alabama	3	4	47	83	1 C - 1	5 a - 12	0	1 C -		1	7	50
Mississippi	1.15	4	95	270	1.11	3	-		-	See	1	
WEST SOUTH CENTRAL1	6	43	1,042	2,227	5	31	1	11	1	1	15	173
Arkansas	200	5	55	189	1 7	4		1	1	1.12-		40
Oklahoma	о 1	1	120	200	4	ь	-	4	-			5
Texas		29	1691	1,237		21		8		1		120
MOTHERATE	3	17	234	756	2	10	1.5	,			207	207
Montana			12	42	-	10	18	<u>^</u>		Read of the	63	32
Idaho	2 . See	2	25	102	-	2			2000		30	5
Wyoming	5 1 C -	1	13	32	-	-	1. F -	1	- L -	a constant	1	94
Colorado	1	5	45	146	1	4	-	1	1.		14	22
New Mexico	ī	1	48	121	- T	I z		-		191	46	12
AF 120DA	1	5	32	206	1.50					12733	45	37
Nevada			4	34	- 2-	- 10	1.	-	6.00	1.	2	2
PACTETO	14	47	776	2,395	q	25	5	19	2	7	245	263
Washington	3	4	17	178	2	2	ĩ	1.5	1 1	-	115	98
Oregon	1	5	43	158		2	1	2		- 1- Con-	47	63
California	10	38	716	2,059	7	21	3	17	2	3	83	102
Alaska	-	- 1	3	12	2.3.3		10000	15.1		1.22		119
Hawaii		121-1	2 9	66				1.				144
Puerto Rico	2	2	33	1 51	1 1	2	1 1		-		24	1 34

¹Data exclude report from Texas for the current week. ²Excludes report for the current week. ³Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 10, 1956 AND NOVEMBER 9, 1957-Continued

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

AREA	MENINGO INFECT	COCCAL IONS	MENIN- GITIS, OTHER	PSITTA	.COSIS		TYPEOID	FEVER 040	.	TYPHUS FEVER, RNTIEMIC	RABIE	S IN IALS
	05	7	340	096	096.2 45th week fi		Lative 15 weeks	101		87 M (
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES1	66	56	41	4	8	23	21	1,183	1,616	100	65	81
NEW ENGLAND	A	2	5		3.00	. 19.1	25.20				and	10.1
Maine	-	-		1012	1	1.0	1.34	24	15		2.285	100
New Hampshire	2	100	- 7-	100		12. 2	1	2	- 13	1		- 1
Vermont	1 . 7	-		Sec. 13.	- 11 -		-	1000	1	-	P. and	5 31
Rhode Island	1.00	6	. 2	100	-	9 - C		12	17	·	12-	1
Connecticut	2	1.1	1			n - 1		3	12		1	
MIDDLE ATLANTIC	14	6	Contra 1	211				1 7 7	107	Sec. 1	14 - R	Production of
New York	7	5	2 14 1	- D	231 1 1 10	3	-	157	197	Sec. As	3	5
New Jersey	- 3	-	Se 1-	- , u	- 1. I	-	1	19	31		3	6
rennsylvania	4	1	-		- 119	-	-	63	108	-	30.0	3
KAST NORTH CENTRAL	13	9	14	1	2	5	2	170	214	16 L -	15	16
Indiana	3	3	ā	5-10-	-	1	- 15	63	56		11	13
Illipois	2	1	2	- 211 -	-	34	1	59	30	87 T	1.5.5	1
Michigan	7	6	12	5	T	- 2	1	20	36	1 - J		1.11
Wisconsin		-	1.00	1100	ī	2		14	42	1000	1	2
WEST NORTH CENTRAL	1	5		1	2	2	2	85	195	191	10	10
Minnesota	ī	-		î	2		4	5	37		12	18
Iova	-	-		-			1	22	57	100.0	2	4
Missouri		4	1	-		1		43	56	-		4
South Dekota		2020-0-0	- 11 II		2.157		 (2)2 	2	6	1 1 1 1 - T	1.00	1
Nebraska	2411.2	-	- 48 - -			1 1	;	1	3	1. A. P. 1	-	-
Kansas		1			-	1.355	-	6	13	-07-053	3	2
SOUTH ATLANTIC	10	8	10	1	2		*	215	020		10	
Delaware		a 52 -	-	1			5	1	202		18	22
Maryland	2	1	2	-	-	1		10	17	in the second	1.1.1	100
District of Columbia	1	-	2	1. 18-	-	-	6-1-	9	12	1.2.2.2		
Virginia			3		-	1		39	54		12	6
North Carolina	4	4	eserun 🗄	20.12		100		50	23		1	1
South Carolina		122/2	100 20 2	10 10	100	0	1000	20	27		-	11
Georgia	2	3	2	1	7 1	199.2	2	30	51	S 6445	3	3
Florida	-		1	310 h-1	199-A	2	and she	42	49	54.10v -	i	i
EAST SOUTH CENTRAL	6	5	3	1.163		CPAS-	5	168	222	CURRENTS	8	11
Kentucky	2	2	1	- 12	-	1000	2	54	51	1000	6	7
Alabama	2	-	2		-		3	64	81	-	2	2
Mississippi	î	-		1				38	26	Sec.	1.0.5	2
WEST SOUTH CENTRAL		10	E	2.2.291	1.11	2245		00	04		57 . T	-
Arkansas	· · · ·	10	5	111		4	· · · · · ·	238	305		4	6
Louisiana	2	2	St. 1994	1.1	1.00	2	2	57	44		3	1
Oklahoma	1	2	5		996 - P	- 1	1	26	47	1000	-	3
Teras-		5					4	1114	146			
MOUNTAIN	1	6	24.8	31200	107 43	2	13.2-	51	71	1000	- 11 M	at Paral
Montana	6 St P	1		7-1-6	El		-	3	3	1.1.1	100	201
Idano	Bert -	3	1. Con 1.	27.75	2 TRON - 1			4	3		1.1	ACTION CONT
Colorado	1912	9 C †	N	8.150	-		-	2	2	-		-
New Mexico	1			1		2		19	17			
Arizona		11.048	Teo -	1.1.1		Salar-		9	23	1 may 1 m		11.
Utah	-			100	150.0	145 E	-	3	1			Sec.
asvada	-	-	· ·	1.00	1000	1000	1.27	- 10	2	21		0 Y 1 -
PACIFIC	9	5		1	2	3	1	95	109		4	3
Washington	2	1	1	A no to		1	1.5.	7	3	1.00		33.00
California		1	3		1	:		5	14	1000	14 12	104
in the second seco		э	-	T	T	2	1	83	92	-	4	3
Ray 11	1.			-	1	equi.	-	1	1	-	1	10000
Puerto Bico	2	2011	0 1.00		10 20	1. 100	-150	-4	-			

¹Data exclude report from Texas for the current week. Excludes report for the current week.

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





The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to $64 (d \pm 2\sqrt{d}, where d$ represents the average number of deaths per week).

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

일정 전신 것 같은 것 같아.	45th week ended	44th week ended	45th week	Percent change, median	CUMU FI	LATIVE NUM RST 45 WEE	/BER IKS
AREA	Nov. 9, 1957	Nov. 2, 1957	median 1954-56	to current week	1957	1956	Percent change
TOTAL: 113 REPORTING CITIES	12,575	12,642	9,740	+29.1	487,118	466,562	+4
New England(14 cities)	794	820	656	+21.0	31,303	30,166	+3.8
Middle Atlantic(19 cities)	3,564	3,880	2,845	+25.3	140,491	135,700	+3.5
East North Central(19 cities)	2,746	2,816	2,145	+28.0	105,859	101,775	+4.0
West North Central(9 cities)	1,057	939	691	+53.0	34,850	32,970	+5.
South Atlantic(11 cities)	1,126	1,013	825	+36.5	41,137	39,149	+5.
East South Central(8 cities)	555	489	444	+25.0	21,840	21,055	+3.
West South Central(13 cities)	1,026	970	768	+33.6	40,658	37,599	+8
Mountain(8 cities)	319	292	222	+43.7	12,235	11,013	+11.
Pacific(12 cities)	1,388	1,423	1,227	+13.1	58,745	57,135	+2.0

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	45th week ended Nov.	44th week ended Nov.	CUMULATIV FIRST 4:	E NUMBER 5 WEEKS	AREA	45th week ended Nov.	44th week ended Nov.	CUMULATIVE FIRST 4:	NUMBER 5 WEEKS
and the second	9, 1957	2, 1957	1957	1956	and an	9, 1957	2, 1957	1957	1956
NEW ENGLAND	5.6	6.1	10	4	WEST NORTH CENTRAL-Con.		44		120
Boston, Mass	268	270	10.595	10,186	St. Louis Mo	340	200	10.000	10 410
Bridgeport, Conn	42	47	1,724	1,637	St. Paul. Minn.	340	290	2055	10,412
Cambridge, Mass	42	20	1,321	1,299	Wichita, Kans	53	44	1,976	1,822
Fall River, Mass	- 30	25	1,219	1,235	SOLUTE AUT AND C			_,	1,002
Lartiord, Conn	55	67	2,239	2,131	BOULH ATLANTIC	Sec. all			
Lvnn. Mass	35	29	1,242	1,059	Atlanta, Ga	158	129	4,948	4,833
New Bedford, Mass.	20	25	1 095	952	Baltimore, Md	275	263	10,767	10,305
New Haven, Conn.	47	62	2,087	2 029	Jacksonwille Fla	54	28	1,503	1,361
Providence, R. I	74	78	2,787	2.754	Miami, Fla	64	66	2,437	2,213
Somerville, Mass	10	14	591	685	Norfolk, Va	66	42	1,641	1.451
pringfield, Mass	49	65	1,899	1,850	Richmond, Va	90	86	3.378	3,116
sterbury, Conn	21	32	1,128	1,129	Savannah, Ga	38	29	1,341	1,276
worcester, Mass	64	62	2,419	2,224	Tampa, Fla	63	56	2,762	2,586
MIDDLE ANTANDIO	(N. 1				Washington, D. C	216	244	8,443	8,114
ALDDLE ATLANTIC	1.1	100	191		Wilmington, Del	30	36	1,627	1,552
Albany, N. Y	54	57	2,203	2,175	EAST SOUTH CENTRAL			10 m	
Allentown, Pa	33	67	1,741	1,658	Birminghon Ale	07	74	7 650	
Candon N. T.	156	152	6,423	6,358	Chattanooga, Tenn.	38	14 57	2,558	3,395
Flighth W 7	46	50	1,808	1,743	Knozville, Tenn.	36	21	1 220	1,876
Erie Pe	36	41	1,278	1,229	Louisville, Ky,	131	121	4,763	1,400
Jersey City N J	51	44	1,616	1,451	Memphis, Tenn	120	114	4,820	4, 383
Newark, N. J.	00	100	3,064	3,098	Mobile, Als	43	31	1.637	1,534
New York City, N. Y	1.803	2 043	72 077	69 297	Montgomery, Ala	46	23	1,180	1.272
Paterson, N. J	1,000		12,011	(1,674)	Nashville, Tenn	58	52	2,607	2,406
Philadelphia, Pa	567	578	21,706	21.232	WEST SOUTH CENTRAL	Colline of	1.1.1	2000	1994
Pittsburgh, Pa	228	240	8,284	8,138	Austin Mar	47			
Reading, Pa	28	30	1,057	963	Baton Rouge, La	47	23	1,313	1,223
Schemester, N. Y	132	105	4,423	4,231	Corpus Christi, Tex.	28	21	1,109	982
Screntor Be	23	30	1,061	993	Dallas, Tex	129	120	961	886
SVTACURE N V	40	51	1,680	1,523	El Paso, Tex	31	32	4,924	4,812
Trenton, N. J.	78	79	2,660	2,626	Fort Worth, Tex	66	95	2 815	1,203
Utica, N. Y.	56	46	2,031	1,963	Houston, Tex	171	145	6 731	6,034
Ionkers, N. Y	51	21	1,404	1,370	Little Rock, Ark	43	53	2.352	2.076
이는 것은 것같이 못했다.	30	55	1,525	1,331	New Orleans, La	177	162	7,748	7.044
EAST NORTH CENTRAL					Oklahoma City, Okla	72	62	2,779	2,809
	100			-	Shreveport Le	121	111	4,300	3,901
Kron, Ohio	58	67	2,468	2,342	Tulsa, Okla	59	62	2,115	2,016
Chicago The	40	907	1,402	1,259	11100, 01111	56	59	2,102	2,019
Sincipation Obta	181	194	6 870	6 777	MOUNTAIN		4.5	121015	
Cleveland Obio	246	251	9,365	9,155	Albuquerque, N. Mex	29	29	1,164	1.034
Columbus, Obio	135	119	5.063	4,809	Colorado Springs, Colo	17	13	611	583
Dayton, Ohio	90	87	3,238	2,940	Denver, Colo	132	114	4,999	4,827
Detroit, Mich	377	348	14,648	14,152	Ogden, Utah	16	17	568	572
Vansville, Ind	61	52	1,474	1,471	Phoenix, Ariz.	37	40	1,404	1,146
lint, Mich	36	60	1,682	1,719	Salt Jake City Utah	16	9	571	550
Fort Wayne, Ind	29	41	1,607	1,595	Tucson, Ariz,	14	49	2,016	2,000
Bry, Ind.	38	33	1,314	1,269	100000, 1112.	14	13	902	301
Indiana Rapids, Mich	30	45	1,825	1,831	PACIFIC	1.4			
dianapolis, Ind	148	182	5,441	5,236	Berkeley, Calif	17	25	878	730
Boria Til	146	144	5,894	5,557	Long Beach, Calif	48	58	2,409	2.356
Outh Bond Ind	20	31	1,301	1,292	Los Angeles, Calif	525	510	21,209	20,820
Coledo Obtornante	118	92	4 267	4 206	Oakland, Calif	104	102	4,255	4.052
oungstown, Ohio	66	100	2,533	2.424	Pasadena, Calif	28	31	1,558	1,562
		100	_,000	-,	Fortland, Oreg	136	118	4,361	4,222
WEST NORTH CENTRAL		1.010	202.00	1.00	Sacramento, Calif.	51	64	2,300	2,152
Den Moines Ter-	07		0.500	0.077	Gan Francisco Calif	80	76	3,538	3,315
Ouluth Min-	87	73	2,506	2,233	Senttle, Wesh	163	215	8,539	8,544
Cansas City Kens	30	36	1,184	1 274	Spokane, Wash	138	155	5,872	5,62
Cansas City, Mo	151	127	1,299	4 012	Tacoma, Wash,	37	30	2,078	2,048
Minneapolis, Minn.	171	177	5 702	5,330		57	35	1,148	1,702
Omaha, Nebr.	88	80	3,081	2,888	Honolulu, Hawaii	(38)	(30)	(1,714)	(1 54
Contraction of the second s	00	00	0,001	2,000					1-1049

EPIDEMIOLOGICAL REPORTS-Continued

Gastro-enteritis

The California State Department of Public Health has reported an outbreak of gastro-enteritis in a fraternity house. Of 16 persons eating baked ham, 7 became ill with nausea, vomiting, and diarrhea from 3 to 4½ hours later. The ham had been cooked early one Saturday morning and was served at noon of that day. After this the meat was refrigerated; however, one pan of meat may not have been refrigerated at all. On Sunday evening, the meat was served cold and after this meal the illnesses occurred. Laboratory examination of samples of the ham revealed the presence of coagulase-positive staphylococci. The source of contamination was not found.

QUARANTINE MEASURES

Immunization Information for International Travel No changes reported.

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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