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

Prepored by the NATIONAL OFFICE OF VITAL STATISTICS WOrth 3-4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 10, 1960

#### NOTICE

The responsibility for the collection and publication of statistics on notifiable diseases in States and on deaths in large cities will be transferred from the National Office of Vital Statistics (NOVS) to the Communicable Disease Center effective January 1, 1961. All other vital statistics reports and records should continue to be sent to NOVS.

The Morbidity and Mortality Weekly Report will not be changed in format immediately nor will there be any changes in the mailing list. A letter has been sent to the individual States and cities regarding details of the transfer, transmission of reports, and an interim plan to provide the Communicable Disease Center with duplicate information during the 3 weeks preceding the transfer. Beginning with data for the week ending January 7, 1961, all weekly telegraphic and epidemiologic reports from the States and mortality reports from 123 cities—these reports only, and not others received by NOVS from these sources—should be sent to the: Communicable Disease Center

Atlanta 22, Georgia

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

(Cumulative totals include revised and delayed reports)

forgensigenerate to a source and the pro-	49th week			20224	tion, hold	contesto foi				
Disease	1.000	Ended Dec. 12, 1959	Median 1955-59	Fi	rst 49 veel	K8	Since s	Approxi- mate		
(Seventh Revision of International Lists, 1955)	Ended Dec. 10,1 1960			1960 <sup>1</sup>	1959	Median 1955-59	1959-60 <sup>1</sup>	1958-59	Median 1954-55 to 1958-59	low point
Anthrax062	21	and the second	See 2	18	12	20	(3)	(3)	(3)	(3)
Botulism	-	-	-	10	21	11	(3)	(3)	(3)	(3)
Brucellosis (undulant fever) 044	12	9	13	716	690	870	(3)	(3)	(8)	(3)
Diphtheria055	25	27	36	779	854	1,100	450	457	654	July 1
Encephalitis, infectious	24	74	26	1,795	2,132	2,131	1,182	1.554	1,528	June 1
Hepatitis, infectious, and	1.00 44			Section.	9 Total and a		distant in			
serum092.N998.5 pt.	1,127	526	332	37,913	21,602	17,971	12,410	6,479	4.460	Sept. 1
Malaria110-117	3	10000	3	73	69	144	( <sup>ś</sup> )	(3)	(3)	(3)
Measles085	4.060	4,274	3,875	423,566	388,849	537,183	23,808	25.534	25.534	Sent. 1
Meningitis, aseptic	43			2,895		The second				
Meningococcal infections057	53	50	57	2,081	2,119	2,488	546	552	728	Sept. 1
Poliomvelitia080	47	109	100	3,171	8,347	8,347	2,954	8.054	8,054	Apr. 1
Paralytic080.0.080.1	29	85	59	2,198	5,548	5,548	2,045	5.340	5.340	Anr. 1
Nonparalytic080.2	6	18	18	637	2,122	2,779	600	2.074	2.623	Apr. 1
Unspecified080.3	12	6	16	336	677	916	309	640	840	Apr. 1
Paittacoais	1	2	6	94	111	239	(3)	(3)	(9)	(3)
Rabies in man				2	4	5	(3)	(0)	(3)	(e)
Streptococcal sore throat.			2 1.0	UREXON	- TSOCTOR		Charles and C			
including scarlet fever050.051	6.437			289,055						
Typhoid fever	7	15	18	770	833	1,246	643	706	1.002	Apr. 1
Typhus fever, endemic	1.1	-	2	62	45	100	57	. 39	84	Apr. 1
Rabies in animals	62	85	78	3,210	3,697	4,280	439	751	751	Oct. 1

<sup>1</sup>Data exclude reports from Florida and Nebraska for the current week. <sup>3</sup>Data show no pronounced seasonal change in incidence.

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<sup>2</sup>Reported in Illinois.

The case of <u>malaria</u> reported in Pennsylvania for the current week occurred in a 23-year-old exchange student who became ill 4 days after leaving South Africa. Both <u>Plasmodium</u> vivax and <u>P. falciparum</u> parasites were observed in blood smears examined by the laboratory of the University of Pennsylvania Hospital.

Seven of the 11 cases of <u>infectious hepatitis</u> reported in Mississippi for the current week represent a concentration of 13 cases in a 2-block area of a small town in the southwestern part of the State. Almost all of the cases are in children of school age attending several different schools.

#### EPIDEMIOLOGICAL REPORTS

#### Infectious hepatitis

Dr. Edwin O. Wicks, Acting Director, Alaska Division of Health, reported that 90 cases of infectious hepatitis occurred during October and November in 2 communities about 45 miles apart. Twenty-three cases were reported in an Indian village with a population of 100 persons. The age range of the cases was from 1 to 19 years. In the other community, located about 8 miles north of the Artic Circle, 67 cases were reported in a population of 600 persons. The age range of the cases was from 1 to 50 years.

The North Carolina communicable disease report for the week ended December 3 states that of the 364 cases of infectious hepatitis recorded through November 29, 239 (66 percent) occured in persons from 5 to 19 years of age. Rates per 100,000 population by age groups are as follows: under 5 years, 3.0; 5 to 19 years, 59.0; 20 years and over, 4.1. By race, the number of cases per 100,000 population is 9.3 for white persons and 3.3 for Negroes, with an overall rate for the State of 8.0.

#### Suspect epidemic tenosynovitis

The Kansas morbidity report for the month of October states that an outbreak of what is thought to be epidemic tenosynovitis recently occurred over a period of 3 to 4 weeks in 40 teenage girls in one community. The ages of the girls ranged from 12 to 18 years. Symptoms generally consisted of pain and swelling in the extensor carpi radialis of one or both forearms, irrespective of handedness. The pain was markedly aggravated by exercise and relieved by immobilization. Occasional findings of crepitation, heat, numbness, and tingling were noted. Except for upper respiratory infections no clinical symptoms were found to be in common. Results of clinical laboratory tests were not significant. Throat washings, throat swabs, and blood and stool specimens were negative. Heavy metals and benzene hexachloride could not be detected. Investigation is continuing. No adequate explanation of the age and sex distribution has been found to date.

#### Chemical food poisoning

Dr. Edward Press, Evanston (Illinois) Department of Public Health, reported that 44 of 121 persons suffered sudden onset of a diffuse feeling of warmth, itching of the skin, and flushing soon after eating a meal of hamburger and noodles at a sorority house. Onset of symptoms ranged from 10 to 70 minutes after the meal, but most of the persons became ill from 20 to 40 minutes afterwards. Slight puffing was noted on the faces and knees of some of the girls. None suffered nausea, vomiting, or diarrhea. Gradual improvement within 20 to 40 minutes was noted in all the patients. Investigation revealed that powdered sodium nicotinate had been added to the hamburger before delivery to the sorority house. The possibility of improper storage of foods or use of galvanized containers was ruled out.

#### Salmonellosis

The California State Department of Public Health supplied reports of 3 outbreaks of salmonellosis. In 2 of these, the etio-

logic agent was reported as Salmonella heidelberg; in the other, S. manhattan. In one outbreak about 100 cases were reported out of approximately 298 persons eating the suspect food, barbecued chicken. The same catering firm catered 5 parties on the same night. Four groups had the same menu, and the other group had a completely different menu. The principal food served to the 4 groups were barbecued spareribs, barbecued chicken, baked halibut, and browned rice. The incubation period ranged from 12 to 87 hours. Symptoms, lasting from 1 to 6 days, included cramps, diarrhea, headache, malaise, prostration, chills, fever, body aches, some nausea, and vomiting. Samples of barbecued chicken, obtained from one of the hosts, and scrapings from the cutting board of the catering establishment were negative for pathogenic organisms. Specimens from 5 of 31 foodhandlers and from 38 of 60 patients were positive for S. heidleberg. All the foods were handled in such a manner that contamination or cross-contamination was possible. The method of holding and transporting the food provided sufficient time for growth of organisms.

The second report stated that <u>S. heidelberg</u> was recovered from 1 of 6 persons who became ill after eating a meal of Chinese food purchased in a restaurant but eaten at home. Specimens from 4 foodhandlers were negative. Symptoms, lasting about 12 hours, began from 11 to 31 hours after the meal. The symptoms included nausea, vomiting, abdominal cramps, and diarrhea. The restaurant was found to be in an unsanitary condition.

The third outbreak occurred among persons in 4 unrelated groups eating in a restaurant on 2 different days. Eleven cases were reported to have occurred among 14 persons in the 4 groups. The incubation period ranged from 6 to 16 hours. Symptoms consisted of diarrhea, stomach cramps, nausea, vomiting, fever, chills, and muscular pains. The duration of illness was about a week. The suspect food was considered to be turkey. Samples of the turkey were negative for pathogenic organisms but yielded a high total plate count. Specimens from 1 foodhandler and from 5 of 7 ill persons were positive for S. manhattan.

#### Staphylococcal food poisoning

Dr. D. S. Fleming, Minnesota Department of Health, reported that an estimated 50 persons out of 167 attending a wedding dinner became ill with nausea, vomiting, and abdominal cramps from 3 to 5 hours after eating the meal. The menu consisted of roast turkey, dressing, baked ham, potato salad, vegetables, and beverage. Five persons were hospitalized. Stool specimens from 4 of these patients failed to show any enteric pathogens. Staphylococcus aureus was recovered from samples of the turkey, dressing, baked ham, and potato salad. In addition, the turkey, dressing, and ham all yielded gram negative nonmotile bacilli indistinguishable from Aerobacter aerogenes. The turkey also contained organisms indistinguishable from the genus Achromobacter. The potato salad yielded organisms of the genus Pseudomonas and of the Paracolon group. The food preparation was by private individuals and there was no history of overt infections in any of these persons. It was reported that foodhandling practices left much to be desired. It could not be determined whether contamination of the food specimens occurred before or after the meal was served. The leftover food was refrigerated from the time of serving to the time of collection of samples.

#### 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, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 12, 1959, AND DECEMBER 10, 1960

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

	Poliomyelitis 080											Brucel-	
		To	tal <sup>1</sup>	Ebunine	Pare	lytic O	80.0,080	.1	Nonnamilutia		Menin- gitis,	losis (undu-	
Area	49th week		Cumulative, first 49 weeks		49th week		Cumulative, first 49 weeks		080.2		340 pt.	fever) 044	
A DATE MAD	1960	1959	1960	1959	1960	1959	1960	1959	1960 1959		1960	1960	
UNITED STATES2	47	109	3,171	8,347	29	85	2,198	5,548	6	18	43	12	
NEW ENGLAND	1	2 1	2 <b>3</b> 1 48	387 85	-	1 1	182 47	296 85	1	t s	-	-	
New Hampshire	-	17	- 1	5	-	1.1	-	4	1.			- 14 M	
Massachusetts	3	-	11 34	156	. b 1	- 11 - E	23	109	- 1-2	- form		120-201	
Rhode Island	1	-	103	10	1	-	78	7	1		e en tres la	Constant of	
MIDDLE ATLANTIC	9	12	4 78	813	6	10	340	542	2	2	1	A NIGHT	
New York-	6	8	260	504	3	6	168	311	2	2	-		
Pennsylvania	1 2	3	134	173	2	3	111	91 140	-			Same C	
EAST NORTH CENTRAL	18	14	554	1,254	10	9	337	567	2	2	8	7	
Ohio	1	3	127	273	_	1	65	121	1	ī	1	-	
Illinois	3	2	142	313	3	2	101	162	-	1	1	5	
Michigan	1	3	94	457	1	2	55	142		1	3	-	
Wisconsin	5	4	41	60	1	4	13	34			2	NOR COM	
Minnesota	1	9	1/5	⊥,536 247	1	5	45	201	1100	4	5	1000 M	
Iowa	Î.	5	22	437	-	3	4	233		2	-	2	
Missouri	-	2	44	504	- 1	1	32	274		1		Record in	
South Dakota		-	14	16	1217	25	5	9	1 mart	-	- In freds	1	
Nebraska	·	1	216	136			29	69		1			
Kansas	-	E.	19	182	. 1 <sup>36</sup> -1	1 3 -	6	63	1000	-	-	1	
SOUTH ATIANTIC2	5	22	590	1,275	5	18	460	1,014		4	1	THE PERSON	
Delaware	-	-	-	9	-	-	170	7	- 14	-		Carl Contract	
District of Columbia	2	2	155	44	-	1	130			-	lot to a	a fiteratio	
Virginia	3	2	55	285	3	2	51	246	1.00		1	- inght	
West Virginia	5 14	4	62	193	1.127	4	51	161		-		and the second	
North Carolina		6	129	284	1.2	6	87	49	. i man		- and -	Distant.	
Georgia	1 - 20	6	24	169	1.052	5	22	130	_	1		1567039	
Florida	1115	2	<sup>2</sup> 67	195			<sup>2</sup> 45	132		2			
EAST SOUTH CENTRAL	6	14	256	867	2	12	110	659		2	3	- 12	
Kentucky	4	8	134	112		63	37	290		2	1	and the second of	
Alabama	1.1	5	23	249	24		23	211	1.000		2	scie/sLA	
Mississippi	2	3	45	121	2	3	45	72	-	-	1.11		
WEST SOUTH CENTRAL	3	11	288	1,127	3	9	185	742	11 37	2	2	-	
Arkansas	2	2	34	302	2	1	25	230	1.	1	-	Salate	
Oklahoma		3	17	141	1.0	3	12	89	11			T-Lieferrow	
Texas	1	3	186	527	1	2	116	321	23	1	2	134259	
MOUNTA IN	1 1	4	100	200	100	2	52	112	-		11	1	
Montana	ī	1	24	13	1.1.1	1	17	5	1.1		1	- Marriella	
Idaho	- E)	- 1	10	8	19-1		1	1		-	-		
Colorado	a. (11)	1	21	26	1		19	18			8	Sec. 5.	
New Mexico	_	1	8	44	-	1	- 5	27		-	2	Kill with	
Arizona	3 1-1	2	9	88	-	1.1.1	7	53			-	ALLAN	
Utah	1		7	12 7	1.11	11-	2	4	112			a settini a ti	
DA GTOTO		-	100	000	2	10	430	766		2	12	Sant	
Washington	3	21	499	208	2	6	39	208	1	-	3	- to -	
Oregon	1	3	36	179	1.1	2	19	141	10.000	1			
California	1	12	414	473	1 8 K -	11	362	403	1	1	9	-	
Alaska	-	-	2	28	1. 1. 1.		2	(5)		-		Tiereft	
10#d11=============================			3	(3)	-			(3)	-		1000	-	
Puerto Rico		4	497	8	100	4	491	7	1.000	-	-	-	

<sup>1</sup>Includes cases not specified by type, category number 080.3. <sup>2</sup>Data exclude reports from Nebraska and Florida for the current week.

 Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND

 PUERTO RICO, FOR WEEKS ENDED DECEMBER 12, 1959, AND DECEMBER 10, 1960—Continued

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

and the second sec		ria 055	a set for 2012	Enceph	alitis, tious	Нера ве	titis, i rum 092	Measles				
Area	49th week		Cumulative, first 49 weeks		082		49th week		Cumulative, first 49 weeks		085	
Voles Cost and The	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES <sup>2</sup>	25	27	779	854	24	74	1,127	526	37,913	21,602	4,060	4,274
NEW ENGLAND	and in part	1010.1	12	5		1	22	28	1,089	719	388	300
Maine	1949	100	2	12-1	-		3	100 U.S.	77	90	9	70
New Hampahire	1 220	induct.	<ul> <li>••••••••••••••••••••••••••••••••••••</li></ul>	8 in 1		100	1.1	1 I -	34	15	70	and series of
Massachusetts	a 185	1010.0	-	5	1247	un ibel		23	519	373	220	19
Rhode Island		-	1	-	133	100	4	1	204	72	9	1.54
Connecticut		-	_	-	. 15-	1.1.2	7	4	228	142	78	21
MIDDLE ATLANTIC	1	a	17	49	6	12	137	91	4.694	3.203	1.016	321
New York	1		5	25	3	8	64	58	2,529	1,928	396	238
Nev Jersey	100	100	2	10	2		1	5	333	322	142	43
Pennsylvania	04.	1.1.5	10	14	1	4	72	28	1,832	953	478	40
EAST NORTH CENTRAL		1	41	32	1	6	236	92	6,890	3,311	1,096	1,106
Obio	-10 AT		16	11		1	88	32	2,400	963	408	122
Indiana	10000	1	7	5	Filter	1011	39	11	797	318	63	88
Michigan	-187	1.170	6	10	1	5	64	24	1,496	755	51	423
Wisconsin	1.1.5	1.0	10	4	( 15 an	10.135	38	19	1,965	1,064	153	206
UNCON NOTIFIC ORDERAT 2	100	-		-				0	2.52	211	421	267
Minnesote	100	5	50	63	- 0.E	4	73	26	2,638	1,646	102	132
Towa	PR 201080	- market		3	12.1	4	22	4	485	404	2	27
Missouri	NE 1945	1.992	2	8	12.28		26	12	886	419	32	13
North Dakota	. 64	1000	3	2		2	3	8	178	363	48	76
South Dakota	5 IC-1	- 11	10	3	1.2.4	0.12	8	mv jej	154	74		
Nebraska		n shirti	22	20		1			<sup>2</sup> 259	81		2
Kansas	in the set	5	2	5	21	1000	4	1	261	162	(*)	(*)
SOUTH ATLANTIC <sup>2</sup>	9	5	226	273	3	35	105	46	4,315	1,938	345	139
Delaware	too Pffine	tinks in	stand in T		Sec. 1	-	4	9	262	134	31	13
District of Columbia	1.1.1	185	1	8	144	1111	9	5	440	388	18	18
Virginia-	1		40	14		100	10		763	19	101	2
West Virginia			4	7.4	3	1	28	5	935	306	37	00
North Carolina	4	1	18	24			25	2	423	118	17	
South Carolina	n - 165-	d the	50	30		11-122	9	100	160	51	26	5
Georgia	4	distant to	45	1 <b>0</b> 9	12.0	10 CT-10	12	3	273	128	25	6
Florida		4	<sup>2</sup> 68	85		34		14	<sup>2</sup> 1,099	310	12000	21
EAST SOUTH CENTRAL	4	6	127	112	1	1	192	55	5,492	2,253	429	254
Kentucky	- 4	111-	48	9	3.5	-	88	29	1,933	1,160	326	170
Alabama	100	1	9	10	1.1	-	55	13	1,853	485	84	65
Mississippi		2	37	49	13-		38	12	1,185	459	19	14
WEGE CONTRACT	CLOBAL C	-	33			1 C C C C C C C C C C C C C C C C C C C		an contra-	521	149		5
Arkenses	ш	9	255	285	1	1	56	41	2,850	1,722	102	732
Louisiana	6	- 2	16	38	10.00	1111276	9	1000	227	115	5	7
Oklahoma	-	2	25	90	1000	1.000	1		322	257	3	17
Texas	5	5	138	150	1	1	40	30	2,122	1,269	94	707
HOURTAIN	the strain	1	36	20	1	1	129	63	2,964	2,810	199	549
Montana	では「読む	-	3	-	-	1	12	2	175	263	25	69
Idaho	-	10.00	ш		- 10 -		6	10	318	354	40	87
Wyoming	- L		5	and the second	-	1.0		4	36	60	EL COLT	5
New Mexiconserver	and the	1	3	8	7.95	1.10-34	44	2	1,079	823	39	19
Arizona			4	8	1000		25	28	335	521	E 2	292
Utah		100	7	4	-	and the	13	9 5	279	212	24	6
Nevada	Contraction of the second	1.00	10.24(	2	10-	the state	22	3	124	25	18	
PACTETC	1 1 1 C	superior.		10			1.75	-	C 001			
Washington	1 1 2		2	25	ш	14	117	84	6,981	4,000	383	741
Oregon		to to	1.1	4	1	1	23	23	1.085	854	161	129
California	dista-h	1.	1	6	10	13	112	57	4,636	2,536	190	208
Alaska	i lite	all Rel	1	5	100-1		7		242	71	2	44
Hava11		1.20-		(2)	123	1-2	4	-	85	(47)	12154-41	(285)
Puerto Rico	4	13	136	45	8-	1.51	5	77	727	366	33	5 of 11

<sup>2</sup>Data exclude reports from Nebraska and Florida for the current week.

 Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 12, 1959, AND DECEMBER 10, 1960—Continued

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

unit)/##-in	Malaria	Meningo	Meningoccocal infections		Meningoccocal Psitta- infections cosis		Psitta- cosis threat			fever 040	Typhus fever,	Rabies in animals		
Агев	110-117	057		096.2	throat, etc. 050,051	49th week		Cumulative, first 49 weeks		101				
	1960	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959		
UNITED STATES 2	3	53	50	1	6.437	7	15	770	833	100	62	85		
NEW ENGLAND		2	4	1	329	1.1	2	11	15	100	1000			
Maine	6. Y -	-	1	-	27	in -	10.1	2	2	fii -	i - 1	1.1		
New Hampshire	1000	1	2	1	6	3	11	-	-	L 1	-	-		
Massachusetts	-	. 1	1	-	108	-	-	5	5	- 1	100			
Rhode Island	0.5			Print C.	19	8-E*1	_	4	3	1 :	1	-		
MIDDLE ATTANTIC	1	9	10		310		2	58	87	_		11		
New York	E - E	7	7	- î	174		1	34	37	94 - E	3	10		
New Jersey	-	- 2	1	-	61	- T	-	7	13	- 1	-	-		
Pennsylvania		2		-	61 600		1 <sup>1</sup>		37	-	1	1		
Chio		14	3	1 2	242	1	1 1	29	104 52	i 1.	4	11		
Indiana		2	i		105	1		25	16	1.1.4	1 1	1		
Illinois	TLUC .	4 3	6	- 44.5	128	1440	894	21	21	11115	2	-		
Wisconsin	- L.	2	1	-	113	1000	-	8	6	_	1	2		
WEST NORTH CENTRAL 2	-	-	5		231	- 1	1	48	49	-	8	22		
Minnesota	e - allana	111 5.	1		12	1.11.12	1	1	2	10.55	4	9		
Missouri			3		45	1100.11	_	26	18	1.170.0	3	6		
North Dakota	11 M .	and the second	1	and the second	39	and the fil		1	5	THE BOT	-	2		
Nebreska	and solve				2	-		4 23	3	and an and a second built	1	-		
Kansas	offits	BORDE	Antonia		84	_	1	2	7			1		
SOUTH ATLANTIC 2	WTHER -	4	8	10 -	339		1	117	142	rend of	14	7		
Delaware	io villacio	d has	si the	to set a	3	Larvers	T HERE	1	3	100		atia de		
District of Columbia	logan al 1	ī	abovite	a differ	20	weather at	emotio.	10	5	11700				
Virginia	z- the to	het 2	d ed 30	which it	136	- 2020	1	24	30	5-d2 61 81	9	3		
West Virginia		-	bett -	b) #182(300)	126	0.0.0	the state	14	15	Delai ma	4	1		
South Carolina	nilo-at in	Logili Lo	t odentin	1000	20	0.000	fills at a	12	12	Gentle	ī	1		
Georgia	11.61.64	1	0.5800	< - 12-	NAME AND A		-	27	30	-	ten-j	2		
Florida	anad-200	10.200	1000	t he area	100.000	and a second	ao taina	-14	28	Internet		12.00		
Kentucky	1012 100	5		a thigh	154	1109.041	5	120	122	10.000	6	7		
Tennessee	am little	1	6.020 P	a of School	567		1	56	58	103031	4	2		
Alabama	· · ·	1	10,50-1	124970-0	9	1	1.00	24	21		2	1		
	-	-	-		14	-	-	8	16	-		1. 100		
Arkansas	_	5	1		976	2	2	48	180	-	25	23		
Louisiana	10.10 <sup>10</sup> 20	TROPA	00010	11.11	15	1.101-0	0.85.74	59	30	1.12		-		
Oklahoma	-	3	1	1	957	2	- 2	12	17	-	-	-		
MOLINITA TR	1	6	1		1.546	1		44	30	Core of the	10	12		
Montana	-	-	-		71	-	-	13	46	-		1		
Idaho		100 P	- 11 T	1000	112	- 1	191	3	7	-		-		
Colorado	1	100	ī	Londition .	526	1		4	7		-	-		
New Mexico	-		1.1		354	1	2	12	19		1.1	ī		
Arizona	1735	4	-1962	(0382.	181	253	3.57	9	6	-				
Nevada		-	-	-	15	-	1	2	1	1				
PACIFIC	1.10.20	8	7	at here	1,263	2	2	72	88	teritoria a	1.0	3		
Washington	-		1		309	-	1	5	3	COT 1	1 1	-		
California	distant.	- 7	1 3	-	25	-	14.	8	7	- dentes				
Alaska	10-21	1	2		50	-	24	1	4		21.1	5		
Hawaii	12	- 18 A	(* * H	22-1-1	3		S		(2)		-	08.000		
Fuerto Rico	100	. 4		•	1	1201120	цр ф)	20	18		2	1		

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The chart shows the number of deaths reported for 117 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 for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1955-59, 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 this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

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 selected cities. 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 used.

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.

	49th week	48th week ended Dec. 3, 1960	Adjusted average, 49th veek 1955-59	Percent change,	Cumulative, first 49 weeks				
Area	ended Dec. 10, 1960			average to current week <sup>1</sup>	1960	1959	Percent		
TOTAL, 117 REPORTING CITTES	<sup>2</sup> 12,027	12,727	11,306	+6.4	<sup>2</sup> 562,947	549,335	+2.5		
New England(14 cities)	756	821	744	+1.6	35,426	34,399	+3.0		
Middle Atlantic(20 cities)	3,363	3,458	3,307	+1.7	156,535	156,659	-0.1		
East North Central(21 cities)	22,537	2,712	2,555	-0.7	<sup>2</sup> 121,853	119,430	+2.0		
West North Central(9 cities)	785	934	825	-4.8	39,064	38,001	+2.8		
Bouth Atlantic(11 cities)	987	1,098	983	+0.4	48,211	46,961	+2.7		
East South Central	572	623	516	+10.9	25,498	25,015	+1.9		
West South Central(13 cities)	1,078	1,076	966	+11.6	48,895	46,108	+6.0		
Mountain(8 cities)	353	459	300	+17.7	17,697	15,245	+16.]		
Pacific	<sup>2</sup> 1,596	1,546	1,467	+8.8	<sup>2</sup> 69,768	67,517	+3.3		

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

<sup>1</sup>Adjusted average used as base.

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#### Table 4. DEATHS IN SELECTED CITIES

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

Area	49th week ended Dec.	48th week ended Dec.	Cumula first 49	ative, 9 weeks	Area	49th week ended Dec.	48th week ended Dec.	Cumula first 49	tive, weeks
5.00 X 100	10, 1960	3, 1960	1960	1959	tury well with a	10, 1960	3, 1960	1960	1959
NEW ENCLAND.	10/10	4213				1.819			
Boston, Mass.	244	265	12 283	11 753	St. Louis, Mo.	250	261	11 924	11 579
Bridgeport, Conn	43	30	1 999	1 889	St. Paul, Minn.	60	73	3.373	3,189
Cambridge, Mass	30	33	1,495	1,403	Wichita, Kans,	44	58	2.272	2,308
Fall River, Mass	25	37	1,382	1,378	COLUMN AND AND C				,
Hartford, Conn	72	59	2,435	2,387	Atlanta Ca	1.95	194	5 755	E 461
Lowell, Mass	26	19	1,160	1,163	Baltimore Md	271	200	12 303	3,431
Lynn, Mass	20	33	1,192	1,117	Charlotte, N.C.	38	53	1,892	1 812
New Bedford, Mass	33	34	1,231	1,187	Jacksonville, Fla.	59	65	2,884	2,812
New Haven, Conn	51	55	2,193	2,189	Miami, Fla	57	71	3.476	3,423
Providence, R.I	69	76	3,147	3,131	Norfolk, Va	26	53	1,942	1,910
Somerville, Mass	9	18	652	636	Richmond, Va	81	67	3,809	3,814
Veterburg Conn	- 4/	42	2,207	2,100	Savannah, Ga	28	36	1,641	1,598
Waterbury, Conn	56	20	2,007	2,551	St. Petersburg, Fla	(96)	(90)	(3, 469)	(3,160
Worcester, Mass.	50	04	2,005	2,002	Tampa, Fla	57	54	3,169	3,016
MIDDLE ATLANTIC:		10 7.48	State of the		Washington, D.C	202	219	9,452	9,477
Albany, N.Y	27	71	2.133	2.444	Wilmington, Del	43	68	1,888	1,823
Allentown, Pa	35	41	1,714	1,669	EAST SOUTH CENTRAL;			1	
Buffalo, N.Y	160	176	7,074	7,099	Birmingham, Ala	112	109	4.173	4.053
Camden, N.J	- 35	30	2,056	2,002	Chattanooga, Tenn	57	51	2.319	2,255
Elizabeth, N.J	25	25	1,425	1,455	Knoxville, Tenn	28	32	1,370	1,379
Erie, Pa	46	46	1,902	1,784	Louisville, Ky	94	148	5,546	5,504
Jersey City, N.J	42	57	3,424	3,538	Memphis, Tenn	137	128	5,469	5,524
Newark, N.J.	93	131	4,754	4,891	Mobile, Ala	51	37	2,030	1,893
New York City, N.Y	1,717	1,711	79,940	80,330	Montgomery, Ala	34	44	1,679	1,600
Paterson, N.J.	56	52	1,903	1,880	Nasaville, Tenn.	59	74	2,912	2,807
Pittsburgh Po	4/4	498	23,701	23,728	WEST SOUTH CENTRAL:	CONT. II	0.121		
Reading. Pa.	203	241	9,468	8,985	Austin, Tex	33	38	1,639	1,576
Rochester, N.Y	110	103	1,104	4 742	Baton Rouge, La	29	37	1,406	1,356
Schenectady, N.Y	31	29	1 151	4,742	Corpus Christi, Tex	23	18	1,126	1,003
Scranton, Pa	54	40	1 878	1 783	Dallas, Tex	150	127	6,099	5,799
Syracuse, N.Y	65	65	3,063	3,058	El Paso, Tex	46	41	1,853	1,785
Trenton, N.J	33	55	1,997	2,088	Houston Tex man	175	107	3,243	3,104
Utica, N.Y	35	23	1,329	1,380	Little Bock, Ark	69	193	2 790	2,600
Yonkers, N.Y	28	35	1,518	1,516	New Orleans, La.	183	211	8 742	8 331
					Oklahoma City, Okla,	87	90	3,681	3,458
EAST NORTH CENTRAL:					San Antonio, Tex	117	113	4,888	4,636
Akron, Unio	67	56	2,776	2,852	Shreveport, La	45	48	2,621	2,437
Chicago Ill	702	072	1,692	1,657	Tulsa, Okla	85	36	2,671	2,408
Cincinnati, Obio	149	183	7 681	7 691	MOINTAIN:		=		
Cleveland, Ohio	186	233	10.314	10,153	Albuquerque, N. Mex	32	53	1 577	1.451
Columbus, Ohio	121	125	5,800	5,753	Colorado Springs, Colo	18	17	818	763
Dayton, Ohio	99	76	3,730	3,350	Denver, Colo	104	146	5.831	5,608
Detroit, Mich	353	310	16,426	16,022	Ogden, Utah	12	18	803	727
Evansville, Ind	34	42	1,821	1,791	Phoenix, Ariz	82	101	3,742	2,497
Flint, Mich	<sup>1</sup> 38	45	<sup>2</sup> 1,967	1,962	Pueblo, Colo	15	13	794	678
Fort Wayne, Ind	,39	37	1,795	1,781	Salt Lake City, Utah	48	60	2,374	2,382
Gary, Ind	-27	56	~1,511	1,438	Tucson, Ariz	42	51	1,758	1,139
Grand Rapids, Mich	38	51	2,017	2,045					
Indianapolis, Ind	159	171	7,101	6,688	PACIFIC:				
Milusukoo Mis	123	165	1,595	1,470	Emoreo Colif	(75)	(50)	831	(2 040
Peorie, Ill	37	34	1 492	0,214	Clendele Calif.	(42)	(39)	(2,181)	(1,948
Bockford, Ill.	28	34	1,402	1 331	Honolulu, Havaii	49	50	2 026	1 872
South Bend, Ind	33	36	1,443	1 345	Iong Beach, Calif	64	66	2,695	2 654
Toledo, Ohio	92	109	4,881	4.857	Los Angeles, Calif	526	510	24.442	23,541
Youngstown, Ohio	58	61	2,707	2,612	Oakland, Calif	116	131	4,690	4,450
100 M	see faith			_,010	Pasadena, Calif	<sup>1</sup> 36	47	21.700	1,553
WEST NORTH CENTRAL:	100	10.7	- MIL		Portland, Oreg	148	119	5,401	5,310
Des Moines, Iowa	68	62	2,703	2,597	Sacramento, Calif	71	77	2,872	2,730
Duluth, Minn	22	36	1,241	1,253	San Diego, Calif	97	67	4,444	4,007
Kansas City, Kans	35	38	1,724	1,737	San Francisco, Calif	222	222	9,665	9,505
Kansas City, Mo	134	167	6,135	5,876	San Jose, Calif	(24)	(42)	(1,695)	(1,246
Minneepolic Minn	(17)	(29)	(1,261)	(1,296)	Seattle, Wash	161	121	6,670	6,700
Omeha, Nebr	108	152	6,105	5,977	Tecome Wesh	47	55	2,345	2,410
Carmina incontraction	04	8/	3,587	<b>3,48</b> 5	It Income, maain.	-37	58	-1,987	1,959

<sup>1</sup>Estimated.

<sup>2</sup>Includes estimate for current week.

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EXPLANATION OF SYMBOLS USED IN TABLE	S
Data not available	
Ouantity zero	
Percent more than 0 but less than 0.05	0.0
Disease stated not notifiable	e •8
Figures within parentheses not included in totals	()



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#### SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.