



Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
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CURRENT TRENDS
INFLUENZA - United States

In most areas of the country which have reported influenza this season, the peak of activity has been reached, although numerous cases were still occurring as of February 17. A few areas appeared to be at or near their peaks, while others were still reporting increasing activity.

Influenza activity began in Philadelphia during the past week, with three universities reporting an unusually high number of student visits to health centers for influenza-like illness as well as for viral gastroenteritis. Nine isolates of A2/Hong Kong-like influenza virus were confirmed. Public schools and city agencies had not experienced elevated absenteeism.

In North Carolina, influenza-like illness was recognized in well over half of the counties in the state and was characterized as widespread, though the peak was thought

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by state health officials to have occurred during the past week.

Kentucky reported a marked increase in the number of cases of influenza-like illness in Scott County, with all age groups affected and with some increase in school absenteeism. The total number of reported cases this past

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TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
 (Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	6th WEEK ENDED		MEDIAN 1965 - 1969	CUMULATIVE, FIRST 6 WEEKS		
	February 14, 1970	February 3, 1969		1970	1969	MEDIAN 1965 - 1969
Aseptic meningitis	24	35	26	182	151	158
Brucellosis	-	-	2	11	7	16
Diphtheria	16	6	4	47	17	16
Encephalitis, primary:						
Arthropod-borne & unspecified	11	23	23	120	121	127
Encephalitis, post-infectious	8	4	11	38	26	58
Hepatitis, serum	127	98	827	735	571	4,791
Hepatitis, infectious	1,069	894		6,473	4,841	
Malaria	112	39	35	379	243	194
Measles (rubeola)	951	441	2,563	5,290	2,057	11,046
Meningococcal infections, total	86	88	85	396	468	439
Civilian	84	85	69	380	453	387
Military	2	3	3	16	15	24
Mumps	2,493	2,514	-	14,604	12,594	-
Poliomyelitis, total	-	-	-	-	-	1
Paralytic	-	-	-	-	-	1
Rubella (German measles)	1,385	823	-	6,101	2,964	-
Tetanus	-	1	2	6	9	10
Tularemia	-	-	4	11	9	14
Typhoid fever	7	1	4	34	23	28
Typhus, tick-borne (Rky. Mt. spotted fever)	-	-	-	-	1	4
Rabies in animals	58	62	89	305	347	441

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	-	Psittacosis*	4
Botulism: Ore.-1	1	Rabies in Man	-
Leptosy: Hawaii-1, Tex.-1	11	Rubella congenital syndrome: Calif.-1, Colo.-1	11
Leptospirosis: *	6	Trichinosis: Mich.-1, Ohio-1	8
Plague	-	Typhus, murine	-

*Delayed reports: Leptospirosis: N.Y. Ups. 1 (1969)
 Psittacosis: Md. 1 (1969)

INFLUENZA - (Continued from front page)

week was greater than for any single week last year, although the total for the year to date was far below that for last year at this time.

In Tennessee, increased activity was noted in the central section of the state, particularly in the Nashville and Davidson County area. A number of seroconversions were documented. School and industrial absenteeism was not known to be elevated.

In Oregon, reported cases of influenza and influenza-like illness were up almost 50 percent from the expected, with the counties of Tillamook, Clackamas, and Columbia accounting for a large portion of the increase. Eleven additional isolates were documented in these areas.

Pneumonia-influenza mortality curves for 122 U.S. cities this week showed a drop from last week's level for the country as a whole but still remained significantly elevated above the baseline expected levels. Similar patterns were seen for the Middle and South Atlantic divisions, and slight increases were seen in New England and the West South Central divisions, with the rest of the country remaining at or below expected levels.

(Reported by the Respiratory Diseases Unit, Viral Diseases Branch, and the Statistical Services Activity, Epidemiology Program, NCDC.)

MEASLES - United States, Epidemiologic Year 1969-70

There were 4,511 cases of measles reported to the NCDC during the first 12 weeks of the 1969-70 measles epidemiologic year (EY)*. This represents a 72 percent increase from the similar period in EY 1968-69 and a 15 percent increase above EY 1967-68 (Figure 1). The increased incidence appeared to be a nationwide phenomenon and was not restricted to any one geographic area (Table 1). The District of Columbia (MMWR, Vol. 19, No. 4) and 27 states showed increases over the comparable period in EY 1968-69. Much, but not all, of the increase was due to outbreaks in poverty areas of large cities. Major outbreaks occurred in Bergen County, New Jersey; Cleveland, Ohio;

Chicago, Illinois; several counties in eastern Nebraska; District of Columbia; Houston, Texas; Phoenix, Arizona; and Los Angeles, California. Detailed case investigations in Chicago (MMWR, Vol. 18, No. 47) and Los Angeles revealed that the vast majority of their cases were in unimmunized children and in preschool children (ages 1 to 4 years).

(Reported by Field Services Branch and Statistical Services Activity, Epidemiology Program, NCDC.)

*The measles epidemiologic year (EY) begins with calendar week 41 and ends with week 40 of the following year.

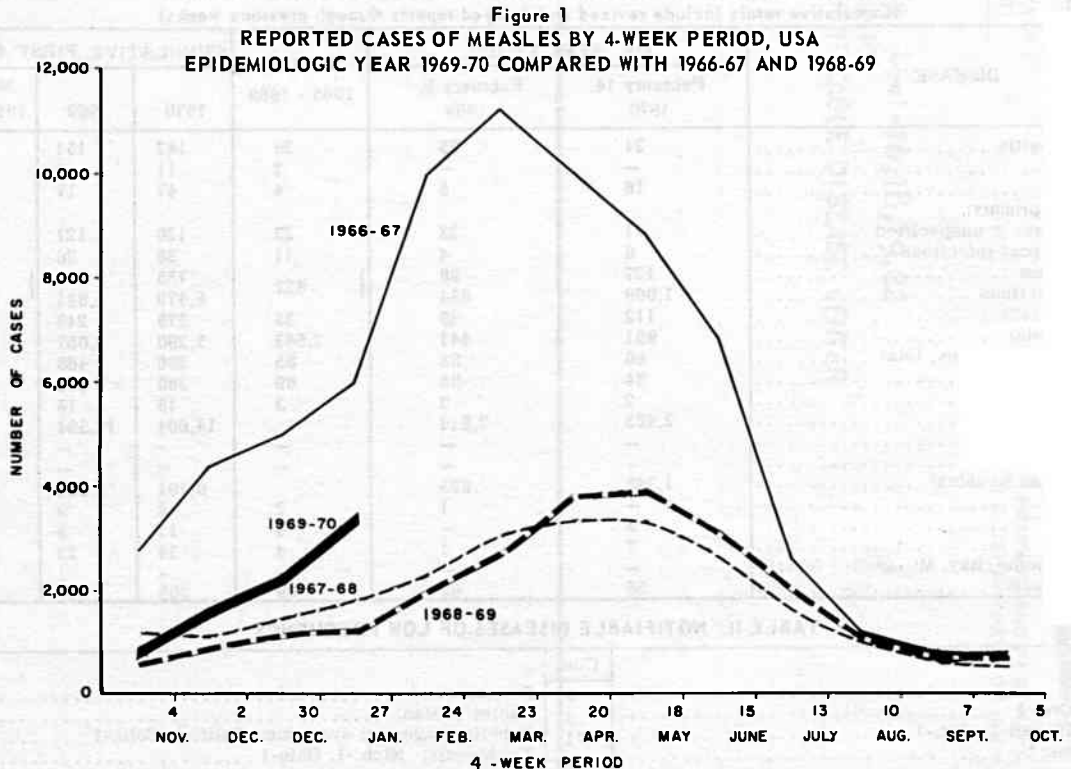


Table 1
 Reported Cases of Measles by State, Geographic Divisions, United States
 First 12 Weeks Epidemiologic Year 1969-70
 and Comparable Periods Epidemiologic Years 1967-68 and 1968-69

Division	Number Cases Per Four-Week Period Ended*			Total First 12 Weeks EY Oct. 5, 1969 Through Jan. 3, 1970	Comparable 12 Weeks Total		EY 1968-69 Decrease (Increase) From 1967-68	EY 1969-70 Decrease (Increase) From 1968-69
	Nov. 1, 1969	Nov. 29, 1969	Jan. 3,** 1970		1967-68	1968-69		
UNITED STATES	791	1,540	2,180	4,511	3,890	2,617	1,273	(1,894)
NEW ENGLAND	10	39	42	91	100	216	(116)	125
Maine	—	—	2	2	22	—	22	(2)
New Hampshire	2	3	3	8	4	9	(5)	1
Vermont	—	—	—	—	—	2	(2)	2
Massachusetts	5	14	27	46	59	24	35	(22)
Rhode Island	—	—	—	—	—	88	(88)	88
Connecticut	3	22	10	35	15	93	(78)	58
MIDDLE ATLANTIC	77	190	261	528	351	613	(262)	85
New York City	34	36	38	108	56	270	(214)	162
New York, Up-State	8	6	14	28	84	161	(77)	133
New Jersey	25	105	87	217	168	95	73	(122)
Pennsylvania	10	43	122	175	43	87	(44)	(88)
EAST NORTH CENTRAL	121	250	726	1,097	798	402	396	(695)
Ohio	12	90	69	171	68	36	32	(135)
Indiana	3	8	18	29	76	61	15	32
Illinois	54	92	557	703	308	67	241	(636)
Michigan	26	34	37	97	105	76	29	(21)
Wisconsin	26	26	45	97	241	162	79	65
WEST NORTH CENTRAL	258	532	309	1,099	134	98	36	(1,001)
Minnesota	1	—	2	3	5	3	2	—
Iowa	4	2	18	24	75	63	12	39
Missouri	1	—	1	2	3	—	3	(2)
North Dakota	7	22	30	59	24	7	17	(52)
South Dakota	—	48	—	48	3	—	3	(48)
Nebraska	245	459	255	959	21	25	(4)	(934)
Kansas	—	1	3	4	3	—	3	(4)
SOUTH ATLANTIC	30	183	401	614	464	340	124	(274)
Delaware	2	47	92	141	3	7	(4)	(134)
Maryland	—	11	29	40	19	2	17	(38)
District of Columbia	3	37	94	134	3	—	3	(134)
Virginia	5	39	72	116	149	161	(12)	45
West Virginia	5	7	5	17	88	45	43	28
North Carolina	7	19	57	83	81	40	41	(43)
South Carolina	3	8	5	16	6	19	(13)	3
Georgia	—	—	—	—	6	—	6	—
Florida	5	15	47	67	109	66	43	(1)
EAST SOUTH CENTRAL	3	5	12	20	310	12	298	(8)
Kentucky	—	1	6	7	97	7	90	—
Tennessee	3	—	4	7	175	3	172	(4)
Alabama	—	4	2	6	28	1	27	(5)
Mississippi	—	—	—	—	10	1	9	1
WEST SOUTH CENTRAL	145	220	262	627	783	517	266	(110)
Arkansas	—	—	—	—	—	—	—	—
Louisiana	4	1	—	5	4	3	1	(2)
Oklahoma	—	—	1	1	49	9	40	8
Texas	141	219	261	621	730	505	225	(116)
MOUNTAIN	92	70	101	263	355	93	262	(170)
Montana	29	28	24	81	43	—	43	(81)
Idaho	1	—	—	1	24	—	24	(1)
Wyoming	—	—	—	—	26	3	23	3
Colorado	—	—	1	1	194	11	183	10
New Mexico	6	9	11	26	21	63	(42)	37
Arizona	56	32	65	153	46	13	33	(140)
Utah	—	1	—	1	1	—	1	(1)
Nevada	—	—	—	—	—	3	(3)	3
PACIFIC	55	51	66	172	595	326	269	154
Washington	5	1	2	8	211	67	144	59
Oregon	1	—	1	2	87	64	23	62
California	42	49	57	148	287	193	94	45
Alaska	4	—	1	5	1	2	(1)	(3)
Hawaii	3	1	5	9	9	—	9	(9)
Puerto Rico	159	201	201	561	112	100	12	(461)

*Includes revisions through January 10, 1970.
 **Adjusted for 53rd Week.

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
FEBRUARY 14, 1970 AND FEBRUARY 8, 1969 (6th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1970	Cum. 1970
				1970	1969	1970	1970	1970	1969		
UNITED STATES.....	24	-	16	11	23	8	127	1,069	894	112	379
NEW ENGLAND.....	-	-	-	-	-	2	12	80	66	1	6
Maine.....	-	-	-	-	-	1	-	2	6	-	-
New Hampshire.....	-	-	-	-	-	-	-	4	-	-	-
Vermont.....	-	-	-	-	-	-	-	2	-	-	1
Massachusetts.....	-	-	-	-	-	-	2	49	38	-	-
Rhode Island.....	-	-	-	-	-	-	3	10	7	1	2
Connecticut.....	-	-	-	-	-	1	7	13	15	-	3
MIDDLE ATLANTIC.....	4	-	-	3	3	1	38	140	129	20	70
New York City.....	-	-	-	-	1	-	31	61	65	1	5
New York, Up-State..*	-	-	-	2	1	-	-	23	24	6	18
New Jersey.....	2	-	-	1	-	-	1	23	28	1	18
Pennsylvania.....	2	-	-	-	1	1	6	33	12	12	29
EAST NORTH CENTRAL.....	1	-	1	2	7	1	21	234	175	2	20
Ohio.....	-	-	-	2	7	1	9	85	40	1	5
Indiana.....	-	-	-	-	-	-	-	22	23	-	-
Illinois.....	-	-	1	-	-	-	2	16	41	-	3
Michigan.....	1	-	-	-	-	-	9	96	62	1	12
Wisconsin.....	-	-	-	-	-	-	1	15	9	-	-
WEST NORTH CENTRAL.....	-	-	-	-	-	-	1	36	35	10	24
Minnesota.....	-	-	-	-	-	-	-	7	9	-	-
Iowa.....*	-	-	-	-	-	-	-	7	5	-	3
Missouri.....	-	-	-	-	-	-	1	8	9	1	1
North Dakota.....	-	-	-	-	-	-	-	-	2	-	-
South Dakota.....	-	-	-	-	-	-	-	1	1	-	-
Nebraska.....	-	-	-	-	-	-	-	2	-	-	-
Kansas.....	-	-	-	-	-	-	-	11	9	9	20
SOUTH ATLANTIC.....	5	-	-	2	-	-	12	129	79	28	79
Delaware.....	1	-	-	-	-	-	-	5	1	-	-
Maryland.....	1	-	-	-	-	-	1	15	24	1	8
Dist. of Columbia....	-	-	-	-	-	-	-	1	-	-	-
Virginia.....	1	-	-	2	-	-	1	10	7	1	7
West Virginia.....	-	-	-	-	-	-	-	7	5	-	-
North Carolina.....	-	-	-	-	-	-	6	30	7	24	37
South Carolina.....	-	-	-	-	-	-	-	14	1	2	6
Georgia.....	-	-	-	-	-	-	-	21	16	-	17
Florida.....	2	-	-	-	-	-	4	26	18	-	4
EAST SOUTH CENTRAL.....	5	-	-	-	2	2	-	69	82	1	15
Kentucky.....*	-	-	-	-	-	-	-	40	35	-	12
Tennessee.....	3	-	-	-	2	2	-	22	22	-	-
Alabama.....	2	-	-	-	-	-	-	2	22	1	3
Mississippi.....	-	-	-	-	-	-	-	5	3	-	-
WEST SOUTH CENTRAL.....	1	-	10	-	-	-	8	92	89	37	69
Arkansas.....	-	-	-	-	-	-	1	22	12	-	-
Louisiana.....	-	-	-	-	-	-	4	13	22	-	2
Oklahoma.....	-	-	-	-	-	-	-	8	10	1	6
Texas.....*	1	-	10	-	-	-	3	49	45	36	61
MOUNTAIN.....	-	-	5	1	2	-	2	38	44	5	11
Montana.....	-	-	-	-	2	-	-	3	6	-	-
Idaho.....	-	-	-	-	-	-	1	5	-	-	1
Wyoming.....	-	-	-	-	-	-	-	3	2	-	-
Colorado.....	-	-	-	1	-	-	-	4	20	5	6
New Mexico.....	-	-	-	-	-	-	-	12	5	-	-
Arizona.....*	-	-	5	-	-	-	-	7	7	-	-
Utah.....	-	-	-	-	-	-	1	4	4	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	8	-	-	3	9	2	33	251	195	8	85
Washington.....	-	-	-	-	-	-	-	32	9	-	4
Oregon.....	-	-	-	-	1	-	-	14	13	-	5
California.....	8	-	-	3	8	2	33	203	169	8	69
Alaska.....	-	-	-	-	-	-	-	-	3	-	-
Hawaii.....	-	-	-	-	-	-	-	2	1	-	7
Puerto Rico.....	-	-	-	-	-	-	-	36	10	-	-
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Diphtheria: Tex. 2 (1969)

Encephalitis, primary: N.J. delete 1 (1969)

Hepatitis, infectious: N.Y. Ups. 3 (1969), N.J. 26, P.R. 22

Malaria: Iowa 1, Ky. 48 (1969), Ariz. 1

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
FEBRUARY 14, 1970 AND FEBRUARY 8, 1969 (6th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1970	Cumulative		1970	Cumulative		1970	Cum. 1970	Total 1970	Paralytic	
		1970	1969		1970	1969				1970	1970
UNITED STATES.....	951	5,290	2,057	86	396	468	2,493	14,604	-	-	-
NEW ENGLAND.....	20	95	77	4	20	15	267	2,116	-	-	-
Maine.....	-	-	2	-	-	1	14	255	-	-	-
New Hampshire*.....	4	5	6	-	3	-	10	153	-	-	-
Vermont.....	-	-	-	-	1	-	9	96	-	-	-
Massachusetts.....	14	71	13	2	7	7	99	650	-	-	-
Rhode Island.....	-	2	4	-	2	-	28	219	-	-	-
Connecticut.....	2	17	52	2	7	5	107	743	-	-	-
MIDDLE ATLANTIC.....	84	812	620	10	65	57	195	1,473	-	-	-
New York City.....	22	114	359	1	17	14	54	427	-	-	-
New York, Up-State*..	2	27	46	2	12	13	-	4	-	-	-
New Jersey*.....	25	405	118	3	14	15	81	507	-	-	-
Pennsylvania.....	35	266	97	4	22	15	60	535	-	-	-
EAST NORTH CENTRAL.....	258	1,428	208	26	64	60	721	3,534	-	-	-
Ohio.....	145	445	27	20	34	17	137	435	-	-	-
Indiana.....	12	43	43	2	4	6	100	287	-	-	-
Illinois.....	40	744	30	3	10	7	54	360	-	-	-
Michigan.....	28	88	25	1	15	25	191	844	-	-	-
Wisconsin.....	33	108	83	-	1	5	239	1,608	-	-	-
WEST NORTH CENTRAL.....	92	537	47	3	7	22	241	868	-	-	-
Minnesota.....	-	4	-	-	2	6	23	62	-	-	-
Iowa.....	-	-	23	1	2	3	145	599	-	-	-
Missouri.....	2	6	-	2	3	8	2	19	-	-	-
North Dakota.....	2	16	2	-	-	-	3	69	-	-	-
South Dakota.....	5	36	-	-	-	-	-	1	-	-	-
Nebraska.....	83	469	22	-	-	2	67	117	-	-	-
Kansas.....	-	6	-	-	-	3	1	1	-	-	-
SOUTH ATLANTIC.....	148	784	401	14	82	92	164	1,382	-	-	-
Delaware.....	10	67	2	-	2	3	4	36	-	-	-
Maryland.....	14	124	1	1	6	8	10	101	-	-	-
Dist. of Columbia....	29	183	-	-	1	2	6	32	-	-	-
Virginia.....	30	141	112	-	6	15	52	273	-	-	-
West Virginia.....	6	34	27	-	1	3	43	482	-	-	-
North Carolina.....	54	91	31	2	14	11	NN	NN	-	-	-
South Carolina.....	5	18	28	-	3	11	5	92	-	-	-
Georgia.....	-	-	-	2	17	15	-	-	-	-	-
Florida.....	---	126	200	9	32	24	44	366	-	-	-
EAST SOUTH CENTRAL.....	7	72	23	3	30	18	111	1,110	-	-	-
Kentucky.....	6	56	6	-	10	6	32	478	-	-	-
Tennessee.....	-	4	4	3	15	11	74	575	-	-	-
Alabama.....	-	4	-	-	4	1	4	50	-	-	-
Mississippi.....	1	8	13	-	1	-	1	7	-	-	-
WEST SOUTH CENTRAL.....	231	1,104	522	19	65	66	279	1,481	-	-	-
Arkansas.....	1	1	2	5	7	9	-	12	-	-	-
Louisiana.....	-	7	1	1	12	20	-	1	-	-	-
Oklahoma.....	-	-	5	1	7	4	124	508	-	-	-
Texas.....	230	1,096	514	12	39	33	155	960	-	-	-
MOUNTAIN.....	31	219	42	-	4	15	141	603	-	-	-
Montana.....	-	8	-	-	-	-	17	111	-	-	-
Idaho.....	2	2	-	-	-	2	-	46	-	-	-
Wyoming.....	-	-	-	-	-	-	1	8	-	-	-
Colorado.....	-	4	6	-	1	1	52	185	-	-	-
New Mexico.....	1	38	16	-	4	32	114	114	-	-	-
Arizona.....	27	164	19	-	1	5	37	99	-	-	-
Utah.....	1	1	-	-	2	1	2	40	-	-	-
Nevada.....	-	2	1	-	-	2	-	-	-	-	-
PACIFIC.....	80	239	117	7	59	123	374	2,035	-	-	-
Washington.....	20	31	8	-	5	3	176	861	-	-	-
Oregon.....	-	-	27	-	3	4	24	197	-	-	-
California.....	60	196	78	7	51	110	136	752	-	-	-
Alaska.....	---	1	4	---	-	-	---	96	---	---	---
Hawaii.....	-	11	-	-	-	6	38	129	-	-	-
Puerto Rico.....	90	339	55	1	2	2	41	124	-	-	-
Virgin Islands.....	1	3	-	-	-	-	-	-	-	-	-

Delayed reports: Measles: N.H. delete 5, P.R. 71
Meningococcal infections: P.R. 1
Mumps: N.H. 1, N.Y. Ups. 3 (1969), N.J. delete 14, P.R. 19

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
FEBRUARY 14, 1970 AND FEBRUARY 8, 1969 (6th WEEK) - CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970
UNITED STATES.....	1,385	6,101	-	6	5	11	7	34	-	-	58	305
NEW ENGLAND.....	34	239	-	1	-	-	1	2	-	-	-	13
Maine.....	1	22	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	2	31	-	-	-	-	-	-	-	-	-	-
Vermont.....	1	6	-	-	-	-	-	-	-	-	-	13
Massachusetts.....	12	92	-	1	-	-	-	1	-	-	-	-
Rhode Island.....	-	5	-	-	-	-	-	-	-	-	-	-
Connecticut.....	18	83	-	-	-	-	1	1	-	-	-	-
MIDDLE ATLANTIC.....	40	397	-	2	-	-	-	5	-	-	2	24
New York City.....	7	67	-	-	-	-	-	1	-	-	-	-
New York, Up-State*.....	4	44	-	-	-	-	-	3	-	-	2	23
New Jersey.....	9	107	-	1	-	-	-	-	-	-	-	1
Pennsylvania.....	20	179	-	1	-	-	-	1	-	-	-	-
EAST NORTH CENTRAL.....	516	1,587	-	1	2	4	-	2	-	-	4	13
Ohio.....	118	196	-	-	2	2	-	1	-	-	-	6
Indiana.....	113	233	-	1	-	2	-	-	-	-	-	-
Illinois.....	48	191	-	-	-	-	-	-	-	-	2	3
Michigan.....	125	501	-	-	-	-	-	1	-	-	-	-
Wisconsin.....	112	466	-	-	-	-	-	-	-	-	2	4
WEST NORTH CENTRAL.....	118	592	-	-	-	1	-	-	-	-	12	46
Minnesota.....	2	30	-	-	-	-	-	-	-	-	3	12
Iowa.....	72	403	-	-	-	-	-	-	-	-	4	11
Missouri.....	17	27	-	-	-	1	-	-	-	-	4	9
North Dakota.....	1	25	-	-	-	-	-	-	-	-	1	7
South Dakota.....	1	1	-	-	-	-	-	-	-	-	-	-
Nebraska.....	25	99	-	-	-	-	-	-	-	-	-	2
Kansas.....	-	7	-	-	-	-	-	-	-	-	-	5
SOUTH ATLANTIC.....	105	655	-	1	-	1	3	10	-	-	9	86
Delaware.....	-	6	-	-	-	-	-	-	-	-	-	-
Maryland.....	1	25	-	-	-	-	-	3	-	-	-	1
Dist. of Columbia.....	2	3	-	1	-	-	-	-	-	-	-	-
Virginia.....	47	149	-	-	-	-	1	1	-	-	3	44
West Virginia.....	46	253	-	-	-	-	-	-	-	-	3	12
North Carolina.....	1	1	-	-	-	-	1	1	-	-	-	-
South Carolina.....	8	21	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	4	-	-	2	21
Florida.....	---	197	-	-	-	1	1	1	-	-	1	8
EAST SOUTH CENTRAL.....	89	324	-	-	-	2	-	-	-	-	5	30
Kentucky.....	54	97	-	-	-	1	-	-	-	-	3	15
Tennessee.....	31	195	-	-	-	1	-	-	-	-	2	13
Alabama.....	4	26	-	-	-	-	-	-	-	-	-	2
Mississippi.....	-	6	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL.....	200	928	-	1	3	3	-	-	-	-	15	55
Arkansas.....	-	-	-	-	-	-	-	-	-	-	4	10
Louisiana.....	-	2	-	1	-	-	-	-	-	-	4	16
Oklahoma.....	44	321	-	-	3	3	-	-	-	-	2	6
Texas.....	156	605	-	-	-	-	-	-	-	-	5	23
MOUNTAIN.....	46	233	-	-	-	-	3	4	-	-	1	5
Montana.....	3	34	-	-	-	-	1	1	-	-	-	-
Idaho.....	5	8	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	27	-	-	-	-	-	-	-	-	-	-
Colorado.....	19	54	-	-	-	-	-	1	-	-	-	-
New Mexico.....	2	16	-	-	-	-	1	1	-	-	1	5
Arizona.....	14	74	-	-	-	-	1	1	-	-	-	-
Utah.....	3	20	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	237	1,146	-	-	-	-	-	11	-	-	10	33
Washington.....	111	544	-	-	-	-	-	1	-	-	-	-
Oregon.....	40	139	-	-	-	-	-	-	-	-	-	-
California.....	81	375	-	-	-	-	-	10	-	-	10	33
Alaska.....	---	42	---	---	---	---	---	---	---	---	---	---
Hawaii.....	5	46	-	-	-	-	-	-	-	-	-	-
Puerto Rico*.....	1	3	-	1	-	-	-	-	-	-	3	7
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Rubella: N.H. 5, N.Y. Ups. 1 (1969)

Tetanus: Tex. 2 (1969)

Tularemia: Mont. 1 (1969)

RMSF: Va. delete 1 (1969)

Rabies in animals: N.Y. Ups. 1 (1969), P.R. 1

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED FEBRUARY 14, 1970

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

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	822	521	78	31	SOUTH ATLANTIC:	1,564	819	95	77
Boston, Mass.-----	248	132	25	14	Atlanta, Ga.-----	155	72	9	7
Bridgeport, Conn.-----	56	41	4	2	Baltimore, Md.-----	258	135	7	11
Cambridge, Mass.-----	26	16	5	—	Charlotte, N. C.-----	74	30	4	5
Fall River, Mass.-----	36	30	2	1	Jacksonville, Fla.-----	122	61	3	5
Hartford, Conn.-----	60	38	5	3	Miami, Fla.-----	180	100	14	7
Lowell, Mass.-----	30	21	6	2	Norfolk, Va.-----	61	30	5	8
Lynn, Mass.-----	22	17	—	—	Richmond, Va.-----	114	69	14	1
New Bedford, Mass.-----	33	21	4	2	Savannah, Ga.-----	45	16	5	1
New Haven, Conn.-----	53	24	1	—	St. Petersburg, Fla.-----	121	103	2	1
Providence, R. I.-----	87	52	14	4	Tampa, Fla.-----	81	38	13	6
Somerville, Mass.-----	15	11	1	—	Washington, D. C.-----	281	127	15	23
Springfield, Mass.-----	54	41	2	1	Wilmington, Del.-----	72	38	4	2
Waterbury, Conn.-----	28	19	1	1	EAST SOUTH CENTRAL:	707	384	42	25
Worcester, Mass.-----	74	58	8	1	Birmingham, Ala.-----	124	68	7	5
MIDDLE ATLANTIC:	3,409	1,090	210	128	Chattanooga, Tenn.-----	51	27	6	1
Albany, N. Y.-----	41	23	—	3	Knoxville, Tenn.-----	30	16	—	1
Allentown, Pa.-----	36	19	4	1	Louisville, Ky.-----	124	68	10	9
Buffalo, N. Y.-----	145	86	2	2	Memphis, Tenn.-----	174	92	5	2
Camden, N. J.-----	41	32	4	—	Mobile, Ala.-----	51	26	4	2
Elizabeth, N. J.-----	42	28	2	—	Montgomery, Ala.-----	30	21	1	1
Erie, Pa.-----	56	36	11	1	Nashville, Tenn.-----	123	66	9	4
Jersey City, N. J.-----	86	45	15	5	WEST SOUTH CENTRAL:	1,487	752	99	109
Newark, N. J.-----	94	38	7	11	Austin, Tex.-----	58	35	7	4
New York City, N. Y.-----	1,766	1,020	99	73	Baton Rouge, La.-----	45	23	5	—
Paterson, N. J.-----	42	22	4	3	Corpus Christi, Tex.-----	55	29	5	5
Philadelphia, Pa.-----	390	212	10	9	Dallas, Tex.-----	187	95	3	11
Pittsburgh, Pa.-----	196	116	14	5	El Paso, Tex.-----	78	35	10	16
Reading, Pa.-----	72	46	4	2	Fort Worth, Tex.-----	99	58	9	7
Rochester, N. Y.-----	104	66	4	5	Houston, Tex.-----	318	129	14	29
Schenectady, N. Y.-----	33	29	1	—	Little Rock, Ark.-----	58	29	5	4
Scranton, Pa.-----	39	29	5	—	New Orleans, La.-----	205	108	13	9
Syracuse, N. Y.-----	71	39	3	4	Oklahoma City, Okla.-----	97	53	5	7
Trenton, N. J.-----	65	39	8	2	San Antonio, Tex.-----	151	73	7	12
Utica, N. Y.-----	37	28	6	2	Shreveport, La.-----	64	35	10	2
Yonkers, N. Y.-----	53	37	7	—	Tulsa, Okla.-----	72	50	6	3
EAST NORTH CENTRAL:	2,760	1,610	116	109	MOUNTAIN:	504	298	32	28
Akron, Ohio-----	80	35	—	7	Albuquerque, N. Mex.-----	55	26	17	3
Canton, Ohio-----	41	23	1	1	Colorado Springs, Colo.-----	31	19	5	3
Chicago, Ill.-----	787	449	32	28	Denver, Colo.-----	119	75	2	5
Cincinnati, Ohio-----	173	101	11	8	Ogden, Utah-----	15	8	2	2
Cleveland, Ohio-----	193	108	5	9	Phoenix, Ariz.-----	162	94	3	8
Columbus, Ohio-----	119	61	2	4	Pueblo, Colo.-----	25	16	1	2
Dayton, Ohio-----	103	56	2	1	Salt Lake City, Utah-----	51	31	—	1
Detroit, Mich.-----	391	229	13	14	Tucson, Ariz.-----	46	29	2	4
Evansville, Ind.-----	53	37	5	1	PACIFIC:	1,583	933	46	75
Flint, Mich.-----	65	37	1	6	Berkeley, Calif.-----	20	16	—	—
Fort Wayne, Ind.-----	46	25	5	2	Fresno, Calif.-----	35	23	1	1
Gary, Ind.-----	26	16	3	—	Glendale, Calif.-----	22	14	—	2
Grand Rapids, Mich.-----	76	55	7	2	Honolulu, Hawaii-----	58	26	—	6
Indianapolis, Ind.-----	121	72	4	6	Long Beach, Calif.-----	83	47	1	2
Madison, Wis.-----	46	26	7	3	Los Angeles, Calif.-----	487	292	19	20
Milwaukee, Wis.-----	140	87	3	4	Oakland, Calif.-----	100	57	5	13
Peoria, Ill.-----	52	31	2	8	Pasadena, Calif.-----	27	20	—	—
Rockford, Ill.-----	40	20	6	3	Portland, Oreg.-----	125	73	—	2
South Bend, Ind.-----	38	25	2	1	Sacramento, Calif.-----	73	41	3	2
Toledo, Ohio-----	101	76	4	1	San Diego, Calif.-----	121	69	5	9
Youngstown, Ohio-----	69	41	1	—	San Francisco, Calif.-----	148	86	3	4
WEST NORTH CENTRAL:	886	544	36	31	San Jose, Calif.-----	43	24	1	1
Des Moines, Iowa-----	64	43	3	—	Seattle, Wash.-----	142	79	5	12
Duluth, Minn.-----	34	27	1	1	Spokane, Wash.-----	52	37	1	—
Kansas City, Kans.-----	45	24	3	4	Tacoma, Wash.-----	47	29	2	1
Kansas City, Mo.-----	167	99	2	9	Total	13,722	7,851	754	613
Lincoln, Nebr.-----	43	26	8	—	Expected Number	13,417	7,896	535	530
Minneapolis, Minn.-----	100	61	2	3	Cumulative Total (includes reported corrections for previous weeks)	89,075	51,969	4,454	3,857
Omaha, Nebr.-----	79	52	3	1					
St. Louis, Mo.-----	221	133	8	2					
St. Paul, Minn.-----	75	43	3	8					
Wichita, Kans.-----	58	36	3	3					
Las Vegas, Nev.*	22	10	2	—					

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

INTERNATIONAL NOTES
INFLUENZA - Canada

Little influenza activity has been reported recently except from Newfoundland, where influenza-like activity was reported throughout the province. The communities of Placentia, Jerseyside, Dunville, St. John's City, and Corner Brook, and the Avalon Peninsula reported increased influenza-like activity. An isolate of A2/Hong Kong/68-like virus was confirmed from Dunville. Some school and industrial absenteeism was noted, though there was no marked increase in hospital admissions. In Nova Scotia, some schools in King's County reported absenteeism rates of 10-28 percent, due to influenza and in some areas due to measles as well. In Saskatchewan, a definite increase in influenza-like illness was noted during the week ending February 9, with modest elevations in school and industrial absenteeism. Three A2/Hong Kong-like isolates were confirmed. Laboratory findings from outbreaks of influenza-like illness in five small communities in Manitoba suggested three concurrent etiologic agents: adenovirus, parainfluenza, and A2/Hong Kong/68-like influenza virus. A number of cases of influenza-like illness were reported from the Trail area of British Columbia, with one isolation of A2/Hong Kong/68-like virus.

(Reported by Dr. S.E. Acres, Epidemiology Division, Department of National Health and Welfare, Ottawa, Ontario, Canada.)

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The following corrections should be made in the article, "Current Trends, Influenza - United States": on page 49, in the first paragraph, it should be noted that **seven** states (not **six** as stated) had only isolated cases; on page 51, under Middle Atlantic, in the first paragraph, the counties mentioned (Sussex, Monmouth, Bergen, Middlesex, Morris, and Union) are in New Jersey; and on page 52, the first paragraph under East South Central presents data related to influenza in Kentucky.

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MORBIDITY AND MORTALITY WEEKLY REPORT
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

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