

MMWR

MORBIDITY AND MORTALITY WEEKLY REPORT

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Current Trends

Gonorrhea and Early Syphilis Cases — United States, 1976

In calendar year 1976 (52 weeks ending January 1, 1977), reported cases of gonorrhea increased by less than one-half of 1%, while reported cases of primary and secondary syphilis declined by 7.4% compared with cases reported during 1975 (provisional data MMWR 25[52]). Projections from 11 months of data on reported early syphilis cases (primary, secondary, and early latent cases) indicate a decline of 4.1% for 1976.

Since 1962, reported cases of gonorrhea have increased annually by at least 10.0%, and since 1968, early syphilis cases have increased by at least 4.7% (Figures 1 and 2). The alteration of trends in 1976 is believed to reflect the

impact of control efforts which were intensified in 1972 when the federal government committed itself to a national gonorrhea control program and sharply increased its level of support to state and local health departments.

The introduction of penicillinase-producing strains of *Neisseria gonorrhoeae* into the United States during 1976 (MMWR 25[33, 38]) is expected to make it more difficult to control these diseases during 1977 than it was during 1976.

Reported by the Venereal Disease Control Div, Bur of State Services, CDC.

FIGURE 1. Gonorrhea, United States, 1960-1976

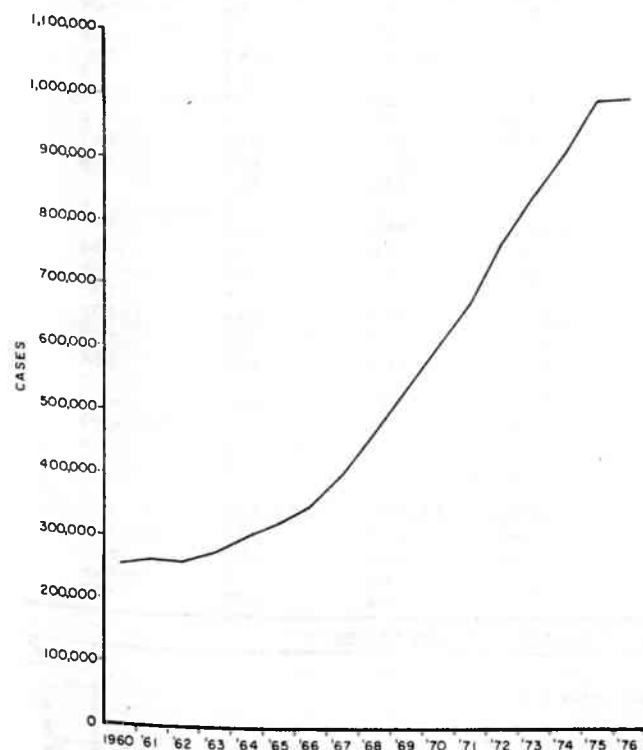
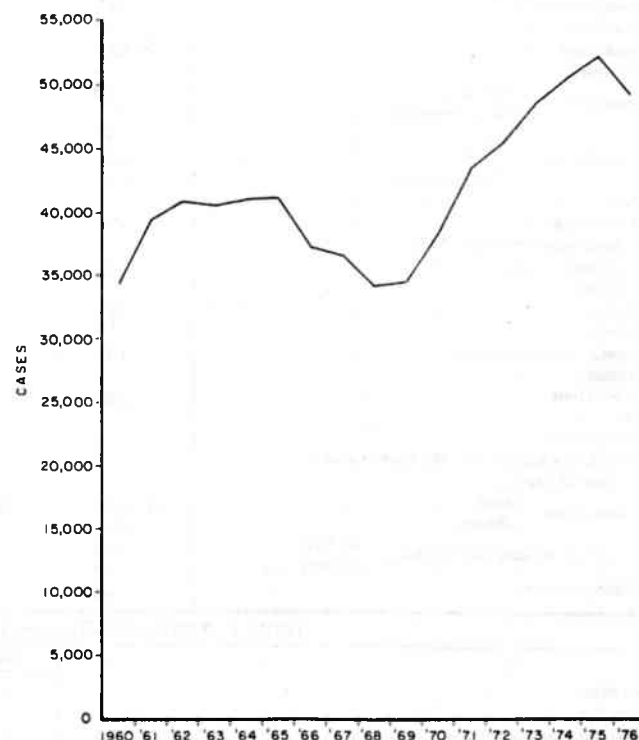


FIGURE 2. Total early syphilis, United States, 1960-1976



Current Trends

Influenza — Worldwide

United States: Isolates of influenza B from children have been reported by the New Jersey Department of Health (1 case), the Nassau County (New York) Medical Center (4), and National Institute of Allergy and Infectious Diseases sponsored surveillance programs in Washington, D.C. (1), Nashville, Tennessee (4), and Houston, Texas (8). Increases in physician visits for febrile upper respiratory illness have been noted in these states, but no confirmed outbreaks of influenza have been reported.

Reported by M Kaplan, MD, SW Klein, MD, Nassau County Medical Center, New York; RK Altman, MD, State Epidemiologist, New Jersey State Dept of Health; the National Institute of Allergy and Infectious Diseases, Bethesda, Maryland; and the National Influenza Immunization Program.

Worldwide: Localized outbreaks of influenza since mid-November with isolates of influenza B and 1 strain resembling A/Victoria have been reported from the USSR. Evidence of infection due to influenza B virus in Israel and Scotland and continued influenza activity with isolates of A/Victoria-like strains in Malaysia and Thailand have also been reported. No isolates of swine influenza virus from man have been reported.

Reported by the World Health Organization in the Weekly Epidemiological Record 51 (48,51,52): 369,391,396, 1976.

Editorial Note: Although influenza B cases in the United States this year have been uncommon, should influenza B cause significant morbidity, an increase in cases of Reye syndrome might also be expected. Reye syndrome, a clinical entity of unknown etiology, is characterized by the acute onset of vomiting and encephalopathy, often during the convalescent phase of a viral-like illness (7). Influenza B infection has been shown to be a major etiologic factor in the pathogenesis of Reye syndrome (2,3). Varicella-zoster virus and several other viruses have also been associated with Reye syndrome. The age of patients ranges from a few months to the late twenties, but fewer than 40% of cases are over 16 years of age. Males and females are equally affected, and reported cases in non-caucasians are exceptional. Incidence in rural areas is higher than in urban areas. The death-to-case ratio is approximately 40-50%. Viral infection alone is not a satisfactory explanation of the pathophysiology or the epidemiology of the Reye syndrome. Postulated co-factors have included toxins, enzyme deficiencies, and genetic predisposition.

(Continued on page 7)

Table I. Summary—Cases of Specified Notifiable Diseases: United States

[Cumulative totals include revised and delayed reports through previous weeks]

DISEASE	1st WEEK ENDING		MEDIAN 1972-1976	CUMULATIVE, FIRST 1 WEEK		
	January 8, 1977	January 10, 1976		January 8, 1977	January 10, 1976	MEDIAN 1972-1976
Aseptic meningitis	45	45	44	45	45	44
Brucellosis	3	1	1	3	1	1
Chickenpox	2,958	3,243	---	2,958	3,243	---
Diphtheria	—	17	2	—	17	2
Encephalitis						
Primary	20	24	11	20	24	11
Post-Infectious	1	5	2	1	5	2
Hepatitis, Viral						
Type B	262	218	157	262	218	157
Type A	489	560	594	489	560	594
Type unspecified	120	141	---	120	141	---
Malaria	3	8	4	3	8	4
Measles (rubeola)	956	287	287	956	287	287
Meningococcal infections, total	31	30	24	31	30	24
Civilian	31	30	24	31	30	24
Military	—	—	—	—	—	—
Mumps	366	844	1,106	366	844	1,106
Pertussis	8	28	---	8	28	---
Rubella (German measles)	104	129	132	104	129	132
Tetanus	1	—	—	1	—	—
Tuberculosis	205	421	---	205	421	---
Tularemia	1	3	3	1	3	3
Typhoid fever	1	6	5	1	6	5
Typhus, tick-borne (Rky. Mt. spotted fever)	3	—	1	3	—	1
Venereal Diseases:						
Gonorrhea						
Civilian	17,540	20,122	---	17,540	20,122	---
Military	457	413	---	457	413	---
Syphilis, primary and secondary						
Civilian	403	463	---	403	463	---
Military	10	3	---	10	3	---
Rabies in animals	43	32	32	43	32	32

Table II. Notifiable Diseases of Low Frequency: United States

	CUM.		CUM.
Anthrax:	—	Poliomyelitis, total:	—
Botulism:	—	Paralytic:	—
Congenital rubella syndrome:	—	Psittacosis: Wisc. 1, Calif. 1	2
Leprosy:	—	Rabies in man:	—
Leptospirosis:	—	Trichinosis: Conn. 3	3
Plague:	—	Typhus, murine:	—

*Delayed reports: Botulism: Alaska 4; Cong. Rubella Syn.: Wisc. 3; Typhus, murine: Texas 3

Table III
Cases of Specified Notifiable Diseases: United States
Weeks Ending January 8, 1977 and January 10, 1976 — 1st Week

AREA REPORTING	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS, VIRAL			MALARIA	
	1977	1977	1977	1977	CUM. 1977	Primary: Arthropod- borne and Unspecified	Post In- fectious		Type B	Type A	Type Unspecified	1977	CUM. 1977
UNITED STATES	45	3	2,958	-	-	20	24	1	262	489	120	3	3
NEW ENGLAND	-	-	258	-	-	-	-	-	4	10	4	-	-
Maine	-	-	2	-	-	-	-	-	-	1	-	-	-
New Hampshire	-	-	34	-	-	-	-	-	-	1	-	-	-
Vermont	-	-	8	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	92	-	-	-	-	-	2	1	4	-	-
Rhode Island	-	-	46	-	-	-	-	-	2	4	-	-	-
Connecticut	-	-	76	-	-	-	-	-	-	3	-	-	-
MIDDLE ATLANTIC	7	1	263	-	-	3	3	-	76	75	24	2	2
Upstate New York	1	-	168	-	-	-	1	-	7	17	-	1	1
New York City	2	1	39	-	-	1	-	-	13	15	8	1	1
New Jersey	3	-	NN	-	-	1	-	-	29	21	11	-	-
Pennsylvania	1	-	56	-	-	1	2	-	27	22	5	-	-
EAST NORTH CENTRAL ..	14	1	1,156	-	-	9	9	-	30	81	7	-	-
Ohio	12	-	76	-	-	8	7	-	7	17	-	-	-
Indiana	-	-	162	-	-	-	-	-	-	-	-	-	-
Illinois	-	-	106	-	-	-	-	-	1	11	1	-	-
Michigan	-	-	479	-	-	1	-	-	18	47	6	-	-
Wisconsin	2	1	333	-	-	-	2	-	4	6	-	-	-
WEST NORTH CENTRAL ..	6	-	530	-	-	2	1	-	22	43	4	-	-
Minnesota	-	-	1	-	-	2	1	-	7	16	-	-	-
Iowa	-	-	236	-	-	-	-	-	4	4	-	-	-
Missouri	6	-	3	-	-	-	-	-	4	10	2	-	-
North Dakota	-	-	47	-	-	-	-	-	-	1	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	8	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	235	-	-	-	-	-	7	12	2	-	-
SOUTH ATLANTIC	2	-	200	-	-	2	3	-	32	52	25	1	1
Delaware	-	-	13	-	-	-	-	-	-	-	-	-	-
Maryland	1	-	22	-	-	-	1	-	7	3	9	-	-
District of Columbia ..	-	-	1	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	10	-	-	1	-	-	4	8	5	1	1
West Virginia	-	-	109	-	-	1	-	-	1	1	-	-	-
North Carolina	-	-	NN	-	-	-	-	-	5	11	-	-	-
South Carolina	-	-	17	-	-	-	-	-	1	2	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	13	-	-	-
Florida	1	-	28	-	-	-	2	-	14	14	11	-	-
EAST SOUTH CENTRAL ..	5	1	9	-	-	1	4	-	8	30	-	-	-
Kentucky	NA	NA	NA	NA	-	NA	3	-	NA	NA	NA	NA	-
Tennessee	4	1	NN	-	-	1	-	-	8	27	-	-	-
Alabama	1	-	6	-	-	-	1	-	-	2	-	-	-
Mississippi	-	-	3	-	-	-	-	-	-	1	-	-	-
WEST SOUTH CENTRAL ..	2	-	245	-	-	1	2	-	18	68	11	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	1	-	-
Louisiana	-	-	NN	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	13	-	-	-	-	-	-	1	2	-	-
Texas	2	-	232	-	-	1	2	-	18	67	8	-	-
MOUNTAIN	-	-	147	-	-	-	-	1	13	29	6	-	-
Montana	-	-	4	-	-	-	-	-	-	5	-	-	-
Idaho	-	-	24	-	-	-	-	-	-	6	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	59	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	NN	-	-	-	-	-	11	17	6	-	-
Utah	-	-	55	-	-	-	-	1	2	1	-	-	-
Nevada	-	-	5	-	-	-	-	-	-	-	-	-	-
PACIFIC	9	-	150	-	-	2	2	-	59	101	39	-	-
Washington	-	-	117	-	-	-	-	-	2	9	-	-	-
Oregon	-	-	-	-	-	-	-	-	9	19	5	-	-
California	9	-	-	-	-	1	2	-	44	53	34	-	-
Alaska	-	-	7	-	-	1	-	-	4	17	-	-	-
Hawaii	-	-	26	-	-	-	-	-	-	3	-	-	-
Guam	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-
Puerto Rico	-	-	6	-	-	-	-	-	-	3	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-

NA: Not available

NN: Not notifiable

*Delayed reports: (1976) Asep. Meng. New Hamp. add 1, Conn. add 4, Wisc. add 2, La. add 1, Brucellosis: Ala. delete 1, Arkansas delete 1, Texas add 1; Chickenpox: New Hamp. add 4, Ark. add 3, Okla. add 1, Calif. add 7, Guam add 4; Enceph: Conn. add 2, Ark. add 1, La. add 13, Tex. add 7, Wash. add 1; Hep. B: New Hamp. add 1, Vt. add 1, Dela. add 1, Va. add 3, Ark. add 3, La. add 8, Okla. add 2, Texas add 1, Idaho add 1, Colo. add 3; Hep. A: N. Hamp. add 2, Vt. add 1, Dela. add 1, Va. delete 1, N.C. delete 1, Ga. add 17, Ark. add 13, La. add 27, Okla. add 4, Tex. add 1, Idaho add 2, Wyo. add 1, Colo. add 10, Wash. add 5, Guam add 1; Hep. Unsp: Vt. add 1, Va. delete 3, N.C. Add 1, Ark. add 1, La. add 9, Okla. add 1, Idaho add 8, Colo. add 9, V.I. add 1; Malaria: Tex. add 3, Wash. add 1

Table III-Continued
Cases of Specified Notifiable Diseases: United States
Weeks Ending January 8, 1977 and January 10, 1976 — 1st Week

REPORTING AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1977	CUMULATIVE		1977	CUMULATIVE		1977	CUM. 1977	1977	1977	CUM. 1977	CUM. 1977
		1977	1976		1977	1976						
UNITED STATES	956	956	287	31	31	30	366	366	8	104	104	1
NEW ENGLAND	10	10	1	-	-	3	13	13	-	3	3	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	10	10	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	2	-	-	-	2	2	-
Rhode Island	-	-	-	-	-	-	2	2	-	-	-	-
Connecticut	-	-	1	-	-	1	11	11	-	1	1	-
MIDDLE ATLANTIC	172	172	16	5	5	5	21	21	1	2	2	-
Upstate New York	2	2	5	2	2	2	-	-	1	-	-	-
New York City	2	2	1	1	1	2	-	-	-	1	1	-
New Jersey	7	7	2	2	2	-	13	13	-	-	-	-
Pennsylvania	161	161	8	-	-	1	2	2	-	1	1	-
EAST NORTH CENTRAL ..	269	269	56	6	6	2	95	95	5	53	53	-
Ohio	12	12	1	6	6	1	25	25	2	2	2	-
Indiana	145	145	8	-	-	-	6	6	-	32	32	-
Illinois	12	12	5	-	-	-	6	6	-	1	1	-
Michigan	34	34	8	-	-	1	35	35	-	12	12	-
Wisconsin	66	66	34	-	-	-	23	23	3	6	6	-
WEST NORTH CENTRAL ..	401	401	3	2	2	2	109	109	-	14	14	1
Minnesota	-	-	-	-	-	1	-	-	-	1	1	-
Iowa	335	335	2	-	-	-	94	94	-	-	-	-
Missouri	-	-	-	1	1	-	8	8	-	2	2	1
North Dakota	-	-	-	-	-	-	1	1	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	66	66	1	1	1	1	6	6	-	11	11	-
SOUTH ATLANTIC	9	9	46	8	8	4	14	14	2	-	-	-
Delaware	1	1	-	-	-	-	3	3	-	-	-	-
Maryland	-	-	-	1	1	1	1	1	-	-	-	-
District of Columbia ..	-	-	-	-	-	-	1	1	-	-	-	-
Virginia	3	3	-	-	-	-	1	1	-	-	-	-
West Virginia	5	5	18	2	2	-	8	8	2	-	-	-
North Carolina	-	-	-	1	1	2	-	-	-	-	-	-
South Carolina	-	-	-	1	1	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	28	3	3	1	-	-	-	-	-	-
EAST SOUTH CENTRAL ..	11	11	53	1	1	1	51	51	-	16	16	-
Kentucky	NA	-	53	-	-	1	NA	-	NA	NA	-	-
Tennessee	11	11	-	-	-	-	47	47	-	15	15	-
Alabama	-	-	-	1	1	-	4	4	-	1	1	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL ..	9	9	4	5	5	3	29	29	-	1	1	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	2	2	1	7	7	-	-	-	-
Oklahoma	1	1	3	-	-	1	6	6	-	-	-	-
Texas	8	8	1	3	3	1	16	16	-	1	1	-
MOUNTAIN	51	51	91	1	1	3	19	19	-	5	5	-
Montana	51	51	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	14	1	1	-	6	6	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	1	1	-	2	2	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	1	-	-	2	-	-	-	-	-	-
Utah	-	-	76	-	-	1	12	12	-	3	3	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	24	24	17	3	3	7	15	15	-	10	10	-
Washington	4	4	-	-	-	2	4	4	-	5	5	-
Oregon	-	-	-	-	-	1	3	3	-	1	1	-
California	20	20	17	1	1	4	7	7	-	4	4	-
Alaska	-	-	-	2	2	-	1	1	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Guam	NA	-	-	-	-	1	NA	-	NA	NA	-	-
Puerto Rico	3	3	1	-	-	-	13	13	-	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-

NA: Not available

*Delayed reports: Measles: N.J. add 1, Wyo. add 1, Colo. add 22, V.I. add 7; Meng. Inf.: Ga. add 2, Ark. add 2, La. add 7, Wash. add 1; Mumps: Ark. add 1, La. add 4, Okla. add 1, Wash. add 1, V.I. add 24; (1976) Pertussis: S. Dak. add 1; Rubella: N. Hamp. add 1, Iowa add 1, Colo. add 1, Wash. add 5, Guam add 1; Tetanus: N.C. add 1

Table III-Continued
Cases of Specified Notifiable Diseases: United States
Weeks Ending January 8, 1977 and January 10, 1976 — 1st Week

REPORTING AREA	TUBERCULOSIS		TULA- REMIA	TYPHOID FEVER		TYPHUS-FEVER TICK-BORNE (RMSF)		VENEREAL DISEASES (Civilian Cases Only)						RABIES IN ANIMALS
								GONORRHEA		SYPHILIS (Pri. & Sec.)				
	1977	CUM. 1977	CUM. 1977	1977	CUM. 1977	1977	CUM. 1977	1977	CUMULATIVE		1977	CUMULATIVE		CUM. 1977
									1977	1976		1977	1976	
UNITED STATES	205	205	1	1	1	3	3	17,540	17,540	20,122	403	403	463	43
NEW ENGLAND	4	4	-	-	-	-	-	459	459	620	15	15	16	-
Maine	1	1	-	-	-	-	-	36	36	58	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	17	17	13	-	-	-	-
Vermont	-	-	-	-	-	-	-	7	7	8	-	-	1	-
Massachusetts	-	-	-	-	-	-	-	129	129	312	9	9	8	-
Rhode Island	3	3	-	-	-	-	-	10	10	36	-	-	1	-
Connecticut	-	-	-	-	-	-	-	260	260	193	6	6	6	-
MIDDLE ATLANTIC	9	9	-	1	1	-	-	3,470	3,470	1,573	45	45	90	-
Upstate New York	-	-	-	-	-	-	-	97	97	-	-	-	-	-
New York City	NA	-	-	1	1	-	-	2,712	2,712	666	27	27	71	-
New Jersey	9	9	-	-	-	-	-	148	148	430	8	8	11	-
Pennsylvania	-	-	-	-	-	-	-	513	513	477	10	10	8	-
EAST NORTH CENTRAL ..	6	6	1	-	-	-	-	2,486	2,486	3,001	74	74	64	5
Ohio	-	-	-	-	-	-	-	933	933	1,122	20	20	17	-
Indiana	3	3	-	-	-	-	-	90	90	123	-	-	-	-
Illinois	-	-	-	-	-	-	-	782	782	844	44	44	34	-
Michigan	NA	-	-	-	-	-	-	490	490	611	9	9	12	-
Wisconsin	3	3	1	-	-	-	-	191	191	301	1	1	1	5
WEST NORTH CENTRAL ..	2	2	-	-	-	1	1	1,058	1,058	957	7	7	12	1
Minnesota	-	-	-	-	-	-	-	119	119	179	-	-	2	-
Iowa	1	1	-	-	-	-	-	143	143	178	1	1	2	-
Missouri	-	-	-	-	-	1	1	620	620	379	4	4	7	-
North Dakota	-	-	-	-	-	-	-	13	13	19	-	-	-	1
South Dakota	1	1	-	-	-	-	-	23	23	15	-	-	-	-
Nebraska	-	-	-	-	-	-	-	27	27	70	1	1	1	-
Kansas	-	-	-	-	-	-	-	113	113	117	1	1	-	-
SOUTH ATLANTIC	109	109	-	-	-	-	-	3,597	3,597	4,292	110	110	111	12
Delaware	-	-	-	-	-	-	-	37	37	58	-	-	4	-
Maryland	17	17	-	-	-	-	-	410	410	567	-	-	11	-
District of Columbia ..	1	1	-	-	-	-	-	208	208	338	13	13	14	-
Virginia	19	19	-	-	-	-	-	365	365	697	8	8	20	-
West Virginia	4	4	-	-	-	-	-	52	52	81	-	-	-	-
North Carolina	12	12	-	-	-	-	-	626	626	548	12	12	13	-
South Carolina	12	12	-	-	-	-	-	456	456	423	13	13	7	-
Georgia	17	17	-	-	-	-	-	752	752	911	26	26	8	12
Florida	27	27	-	-	-	-	-	691	691	669	38	38	34	-
EAST SOUTH CENTRAL ..	23	23	-	-	-	2	2	1,400	1,400	1,626	14	14	23	-
Kentucky	NA	-	-	NA	-	NA	-	NA	-	258	NA	-	1	-
Tennessee	12	12	-	-	-	2	2	606	606	628	9	9	7	-
Alabama	11	11	-	-	-	-	-	448	448	328	3	3	10	-
Mississippi	-	-	-	-	-	-	-	346	346	412	2	2	5	-
WEST SOUTH CENTRAL ..	5	5	-	-	-	-	-	2,807	2,807	5,059	54	54	77	15
Arkansas	4	4	-	-	-	-	-	240	240	168	-	-	-	-
Louisiana	-	-	-	-	-	-	-	209	209	529	9	9	5	-
Oklahoma	-	-	-	-	-	-	-	210	210	273	3	3	2	5
Texas	1	1	-	-	-	-	-	2,148	2,148	4,089	42	42	70	10
MOUNTAIN	6	6	-	-	-	-	-	744	744	644	8	8	2	-
Montana	-	-	-	-	-	-	-	69	69	26	-	-	-	-
Idaho	-	-	-	-	-	-	-	35	35	29	-	-	-	-
Wyoming	-	-	-	-	-	-	-	12	12	15	-	-	-	-
Colorado	-	-	-	-	-	-	-	162	162	105	2	2	-	-
New Mexico	-	-	-	-	-	-	-	64	64	125	-	-	-	-
Arizona	6	6	-	-	-	-	-	231	231	201	5	5	1	-
Utah	-	-	-	-	-	-	-	39	39	79	-	-	-	-
Nevada	-	-	-	-	-	-	-	132	132	64	1	1	1	-
PACIFIC	41	41	-	-	-	-	-	1,519	1,519	2,350	76	76	68	10
Washington	-	-	-	-	-	-	-	NA	-	242	NA	-	-	-
Oregon	-	-	-	-	-	-	-	40	40	165	5	5	4	-
California	23	23	-	-	-	-	-	1,328	1,328	1,780	71	71	64	10
Alaska	-	-	-	-	-	-	-	101	101	87	-	-	-	-
Hawaii	18	18	-	-	-	-	-	50	50	76	-	-	-	-
Guam	NA	-	-	NA	-	NA	-	NA	-	11	NA	-	-	-
Puerto Rico	-	-	-	-	-	-	-	63	63	19	14	14	2	-
Virgin Islands	-	-	-	-	-	-	-	3	3	6	-	-	6	-

NA: Not available

*Delayed reports: TB: NYC add 43, Ohio delete 1, Iowa delete 1, Mo. add 10, N.C. delete 3, Ga. add 5, Alaska add 1; Tularemia: Mo. add 1, Okla. add 2; Typhoid fever: Wash. add 1; GC: Wyo. add 3, Wash. add 241, Guam add 13, V.I. add 1; Syphilis: Maine add 1, Mo. add 1, Wyo. add 15, N. Mex. add 6, Wash. add 26 civ, and 2 mil; An. rabies: Ill add 1, S. Dak. delete 3, Alaska add 1

Table IV
Deaths in 121 United States Cities*
Week Ending January 8, 1977 - 1st Week

REPORTING AREA	ALL CAUSES					Pneumonia and Influenza ALL AGES	REPORTING AREA	ALL CAUSES					Pneumonia and Influenza ALL AGES
	ALL AGES	65 Years and Over	45-64 Years	25-44 Years	Under 1 Year			ALL AGES	65 Years and Over	45-64 Years	25-44 Years	Under 1 Year	
NEW ENGLAND	742	474	202	30	24	44	SOUTH ATLANTIC	1,338	757	402	77	51	52
Boston, Mass.	197	114	63	12	5	16	Atlanta, Ga.	125	69	32	8	8	3
Bridgeport, Conn.	41	30	10	-	1	2	Baltimore, Md.	209	98	75	20	4	3
Cambridge, Mass.	18	10	6	2	-	3	Charlotte, N. C.	67	37	25	2	1	-
Fall River, Mass.	31	22	6	1	1	-	Jacksonville, Fla.	104	53	33	7	3	3
Hartford, Conn.	76	47	20	4	3	3	Miami, Fla.	155	92	43	9	9	9
Lowell, Mass.	23	16	3	2	-	1	Norfolk, Va.	71	43	22	1	4	5
Lynn, Mass.	30	22	7	1	-	3	Richmond, Va.	92	49	32	7	1	7
New Bedford, Mass.	26	17	8	1	-	1	Savannah, Ga.	45	27	17	-	-	3
New Haven, Conn.	69	47	11	3	7	1	St. Petersburg, Fla.	116	89	16	2	6	5
Providence, R.I.	76	46	26	1	2	6	Tampa, Fla.	92	69	16	3	4	7
Somerville, Mass.	23	20	3	-	-	1	Washington, D. C.	189	92	63	15	10	4
Springfield, Mass.	46	26	15	2	2	2	Wilmington, Del.	73	39	28	3	1	3
Waterbury, Conn.	30	20	9	1	-	4							
Worcester, Mass.	56	37	15	-	3	1							
MIDDLE ATLANTIC	3,020	1,832	786	210	114	165	EAST SOUTH CENTRAL	692	373	210	45	32	34
Albany, N. Y.	49	21	17	6	5	2	Birmingham, Ala.	96	55	29	5	4	3
Allentown, Pa.	20	13	6	-	-	-	Chattanooga, Tenn.	56	36	11	2	4	1
Buffalo, N. Y.	156	99	38	12	3	12	Knoxville, Tenn.	47	32	12	1	-	2
Camden, N. J.	47	26	13	3	5	2	Louisville, Ky.	122	67	39	10	1	15
Elizabeth, N. J.	30	19	9	1	-	-	Memphis, Tenn.	148	71	47	8	14	4
Erie, Pa.	47	29	15	1	2	2	Mobile, Ala.	89	49	26	8	3	1
Jersey City, N. J.	91	60	20	8	3	2	Montgomery, Ala.	50	19	17	5	4	2
Newark, N. J.	80	30	25	10	14	5	Nashville, Tenn.	84	44	29	6	2	6
New York City, N. Y.	1,522	936	374	119	50	76							
Paterson, N. J.	54	30	15	6	2	5	WEST SOUTH CENTRAL	1,299	717	385	91	53	39
Philadelphia, Pa.	295	167	91	16	14	25	Austin, Tex.	37	26	5	3	2	3
Pittsburgh, Pa.	240	136	73	11	9	15	Baton Rouge, La.	48	24	13	5	3	3
Reading, Pa.	43	33	9	1	-	3	Corpus Christi, Tex.	40	21	14	2	-	2
Rochester, N. Y.	121	74	27	9	4	6	Dallas, Tex.	169	90	52	11	12	3
Schenectady, N. Y.	22	12	8	1	-	-	El Paso, Tex.	50	31	8	7	2	2
Scranton, Pa.	47	29	15	3	-	2	Fort Worth, Tex.	71	43	19	5	3	-
Syracuse, N. Y.	76	52	20	2	1	-	Houston, Tex.	313	150	100	28	13	5
Trenton, N. J.	47	36	8	1	2	2	Little Rock, Ark.	56	40	11	2	3	1
Utica, N. Y.	14	11	3	-	-	5	New Orleans, La.	176	100	58	6	5	2
Yonkers, N. Y.	19	19	-	-	-	1	San Antonio, Tex.	174	82	66	11	8	3
							Shreveport, La.	96	59	26	8	1	7
							Tulsa, Okla.	69	51	13	3	1	8
EAST NORTH CENTRAL	2,671	1,545	743	174	98	93	MOUNTAIN	573	317	162	47	28	16
Akron, Ohio	73	49	19	2	-	-	Albuquerque, N. Mex.	53	28	17	5	1	4
Canton, Ohio	53	35	15	1	2	4	Colorado Springs, Colo.	32	18	5	6	2	1
Chicago, Ill.	580	303	176	46	24	22	Denver, Colo.	122	65	40	6	11	3
Cincinnati, Ohio	134	68	44	15	5	4	Las Vegas, Nev.	30	12	10	6	-	1
Cleveland, Ohio	222	120	65	17	6	4	Ogden, Utah	20	11	2	4	2	-
Columbus, Ohio	130	81	30	7	9	8	Phoenix, Ariz.	132	75	37	12	3	2
Dayton, Ohio	142	82	41	12	3	1	Pueblo, Colo.	18	11	4	1	-	2
Detroit, Mich.	431	236	135	29	12	7	Salt Lake City, Utah	77	43	23	4	6	2
Evansville, Ind.	33	23	5	1	3	6	Tucson, Ariz.	89	54	24	3	3	1
Fort Wayne, Ind.	69	44	19	2	2	5							
Gary, Ind.	18	6	9	1	-	3	PACIFIC	1,749	1,148	402	92	60	53
Grand Rapids, Mich.	99	62	21	5	3	7	Berkeley, Calif.	17	11	2	-	3	-
Indianapolis, Ind.	151	89	40	10	4	7	Fresno, Calif.	76	47	22	5	-	1
Madison, Wis.	58	33	13	3	7	7	Glendale, Calif.	24	20	4	-	-	-
Milwaukee, Wis.	155	107	32	10	4	-	Honolulu, Hawaii	53	31	14	2	5	1
Peoria, Ill.	40	26	9	-	3	3	Long Beach, Calif.	103	61	29	6	5	2
Rockford, Ill.	35	22	7	4	2	2	Los Angeles, Calif.	460	289	111	27	14	13
South Bend, Ind.	35	27	3	1	2	1	Oakland, Calif.	72	51	15	4	1	2
Toledo, Ohio	137	89	37	4	5	1	Pasadena, Calif.	33	23	8	-	1	-
Youngstown, Ohio	76	43	23	4	2	1	Portland, Oreg.	109	71	26	4	5	1
WEST NORTH CENTRAL	827	553	177	44	28	31	Sacramento, Calif.	89	55	18	4	11	4
Des Moines, Iowa	78	55	15	1	2	1	San Diego, Calif.	151	99	36	9	4	2
Duluth, Minn.	41	26	12	2	1	2	San Francisco, Calif.	216	143	49	14	5	7
Kansas City, Kans.	34	22	6	4	1	2	San Jose, Calif.	74	53	13	5	-	1
Kansas City, Mo.	144	97	26	8	7	3	Seattle, Wash.	149	108	33	6	1	9
Lincoln, Nebr.	27	21	6	-	-	7	Spokane, Wash.	75	52	12	6	3	7
Minneapolis, Minn.	112	79	19	9	3	2	Tacoma, Wash.	48	34	10	-	2	3
Omaha, Nebr.	111	65	29	7	6	5							
St. Louis, Mo.	160	109	40	4	4	2	TOTAL	12,911	7,716	3,469	810	488	527
St. Paul, Minn.	52	41	7	1	3	2	Expected Number	12,513	7,682	3,227	772	414	491
Wichita, Kans.	68	38	17	8	1	5							

*By place of occurrence and week of filing certificate. Excludes fetal deaths. †(NYC) Estimate based on average percent of divisional total

The Morbidity and Mortality Weekly Report, circulation 52,000, is published by the Center for Disease Control, Atlanta, Georgia. The data in this report are provisional, based on weekly telegraphs to CDC by 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.

The editor welcomes accounts of interesting cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials. Send reports to: Center for Disease Control, Attn.: Editor, Morbidity and Mortality Weekly Report, Atlanta, Georgia 30333.

Send mailing list additions, deletions, and address changes to: Center for Disease Control, Attn.: Distribution Services, GSO, 1-SB-36, Atlanta, Georgia 30333. When requesting changes be sure to give your former address, including zip code and mailing list code number, or send an old address label.

Influenza — Continued

Routine physician reporting of Reye syndrome is not required by most states. National surveillance is dependent upon the interests and efforts of many state and local health departments and private physicians. CDC is continuing to request information on all cases from state health departments to define the epidemiology of Reye syndrome and to aid clinicians engaged in the care of these patients. To help standardize data collection, CDC has developed a case investigation form which is available on request.

References

1. Schubert WK, *et al*: Reye's syndrome. *DM*: 1(30), 1975
2. Corey L, Rubin RJ: Reye's syndrome 1974: An epidemiological assessment in Reye's syndrome, in Pollack JD (ed): *Reye's Syndrome Conference*, Columbus, Ohio, 1974. New York, Grune and Stratton, 1975, P 179
3. Corey L, *et al*: A nationwide outbreak of Reye's syndrome — its epidemiologic relationship to influenza B. *Am J Med* 61, November 1976

Reported by Viral Diseases Div, Bur of Epidemiology.

Follow-up on Guillain-Barré Syndrome — United States

Forty-nine states have reported a total of 581 cases of Guillain-Barré syndrome (GBS) to CDC in the period October 1, 1976-January 10, 1977 (Table 1). There have been 295 cases in influenza vaccine recipients (5 of whom received influenza type B vaccine only and one of whom received influenza vaccine of the 1975-76 trivalent formulation) and 266 cases in non-recipients. The vaccine status for 14 cases is unknown.

Differential attack rates continue to show a relative risk remaining between 8 and 14 for vaccinees. Of the 294 vaccinated cases for which data are available, 11% of patients are less than 30 years of age, 58% are between 30 and

59 years, and 31% are 60 years of age or older. Of the 266 unvaccinated GBS patients for which data are available, 44% are less than 30, 39% are 30 to 59 years old, and 17% are 60 or over. Sex distribution of cases among vaccinees and unvaccinated persons is essentially similar. For 273 of the 295 cases in vaccine recipients, 201 (74%) had onset of GBS within 8-28 days following vaccination, 12% had onset up to 7 days after vaccination, and 14% had onset 29 or more days following vaccination.

Reported by the National Influenza Immunization Program; Viral Diseases Div, Bur of Epidemiology, CDC.

TABLE 1. Reports of Guillain-Barré syndrome by state and vaccination status, United States, October 1, 1976-January 10, 1977

State	Reported Cases	Vaccinated w/ A/New Jersey/76	Nonvaccinated	Received B Vaccine Only	Unknown	State	Reported Cases	Vaccinated w/ A/New Jersey/76	Nonvaccinated	Received B Vaccine Only	Unknown
Alabama	15	11	4	0	0	Nevada	2	1	0	0	1
Alaska	5	5	0	0	0	New Hampshire	3	1	2	0	0
Arizona	8	6	2	0	0	New Jersey	29	8	20	1	0
Arkansas	3	1	2	0	0	New Mexico	6	2	3	0	1
California	60	17	41	0	2	New York	32	13	18	0	1
Colorado	16	12	4	0	0	North Carolina	10	3	7	0	0
Connecticut	17	11	6	0	0	North Dakota	3	3	0	0	0
Delaware	1	0	1	0	0	Ohio	27	17	9	1	0
Florida	18	12	4	2	0	Oklahoma	9	4	5	0	0
Georgia	15	9	6	0	0	Oregon	10	7	3	0	0
Hawaii	3	1	2	0	0	Pennsylvania	27	20	4	0	3
Idaho	3	2	1	0	0	Rhode Island	3	2	1	0	0
Illinois	11	3	7	0	1	South Carolina	5	0	4	0	1
Indiana	13	4	8	0	1	South Dakota	3	3	0	0	0
Iowa	9	5	4	0	0	Tennessee	20	8	12	0	0
Kansas	11	8	3	0	0	Texas	10	1	8	0	1
Kentucky	12	6	6	0	0	Utah	6	4	2	0	0
Louisiana	4	1	3	0	0	Vermont	3	3	0	0	0
Maryland	18	14	4	0	0	Virginia	11*	5	5	0	0
Massachusetts	10	4	5	1	0	Washington	14	5	9	0	0
Michigan	26	17	8	0	1	West Virginia	6	3	3	0	0
Minnesota	17	13	4	0	0	Wisconsin	20	11	8	0	1
Mississippi	10	1	9	0	0	Wyoming	1	0	1	0	0
Missouri	9	2	7	0	0						
Montana	2	2	0	0	0						
Nebraska	5	4	1	0	0						
						Total	581*	295	266	5	14

*Includes 1 case vaccinated with 1975-76 trivalent vaccine formulation.

International Notes**Quarantine Measures**

The following change should be made in the listing of Yellow Fever Vaccination Centers included in the *Supplement — Health Information for International Travel*, MMWR, Vol. 24, December 1975:

CALIFORNIA

Eureka: The following new center has been designated: Humboldt-Del Norte County Health Dept., 529 I Street 95501, 707-445-7581, Clinic hours: Mon.-Fri., 1-4 p.m., Fee charged.

Current Trends**Canine Rabies — Laredo, Texas**

The first case of dog rabies in 29 years was reported in Laredo, Webb County, Texas, in the week of November 22, 1976. Through January 10, 24 cases in dogs have been identified (Figure 3). Twelve of these cases were identified as owned but free-ranging dogs. No human cases have occurred, but at least 23 persons have received antirabies treatment following known or possible exposure to rabid dogs.

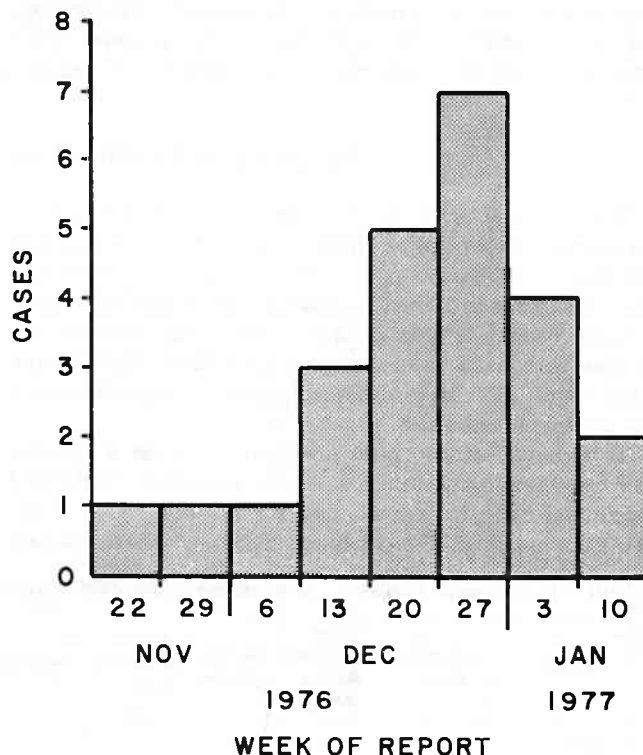
Intensive dog control and vaccination programs have been initiated; approximately 7,000 dogs have been vaccinated in the past 3 weeks. The owned-dog population has been estimated, from a door-to-door survey of over 600 homes in Laredo, to be approximately 13,000 to 14,000. Unowned dogs are considered to constitute an additional 10,000. Animal control personnel have captured over 300 loose dogs since the beginning of the outbreak. The source of the rabies is not known.

Reported by AB Rich, DVM, Bur of Veterinary Public Health, CR Webb Jr, MD, Acting State Epidemiologist, Texas State Dept of Health Resources; B Velimirovic, MD, El Paso Field Office, Pan American Health Organization; Viral Zoonoses Section, Viral Diseases Div, Bur of Epidemiology, CDC.

Editorial Note: Epizootic canine rabies (dog-to-dog transmission) has become rare in the United States, the only recent exceptions being sporadic outbreaks on the U.S.-Mexico border. This is the third border outbreak since 1972, the others having occurred in the Nogales, Arizona, area in 1972 and the El Paso, Texas, area in 1973-1975. No human fatalities were recorded in these outbreaks

although over 200 persons received antirabies treatment as a result of exposures.

FIGURE 3. Dog rabies cases, Laredo, Texas, November 1976-January 1977



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