

MMWR

MORBIDITY AND MORTALITY WEEKLY REPORT

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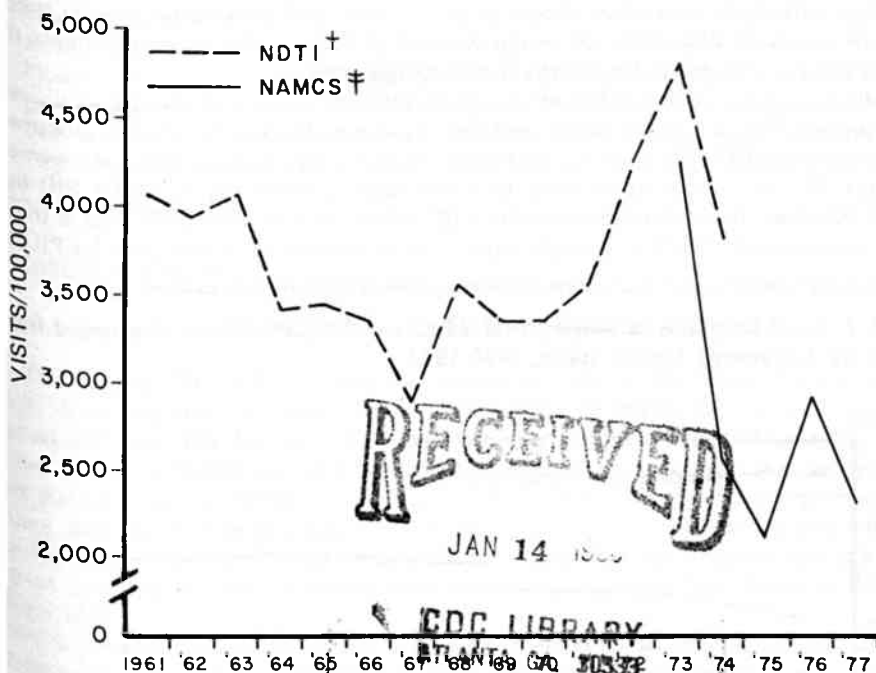
Surveillance Summary

Pelvic Inflammatory Disease — United States

Although Pelvic Inflammatory Disease (PID) is not a reportable condition, several estimates of its occurrence in the United States are available.

Two of these sources estimate rates of visits to office-based, private physicians for PID. The National Disease and Therapeutic Index (NDTI) estimated that rates of visits to such physicians for salpingitis and PID increased from about 3,500 to about 4,500 per 100,000 female population from mid-1960s to early 1970s (Figure 1). By 1977, these

FIGURE 1. Total salpingitis and PID visits per 100,000 female population (age 10-50), United States, 1961-1977*



*1977 PID projected from NAMCS information available on PID as principal diagnosis among women 10-50 years of age. Total PID is defined as salpingitis (acute, ICDA #612; chronic, ICDA #613; and unqualified, ICDA #614) plus disease of parametrium and pelvic peritoneum, ICDA #616

†NDTI: National Disease and Therapeutic Index, IMS, Inc., Ambler, Penn. Population estimates from Bureau of Census

‡NAMCS: National Ambulatory Medical Care Survey (NCHS)

Pelvic Inflammatory Disease — Continued

estimated rates had fallen to about 2,500 per 100,000 female population according to the National Ambulatory Medical Care Survey (NAMCS), which is conducted annually by the National Center for Health Statistics (NCHS).

Both surveys are probability samples and provide essentially unbiased estimates of frequency of visits to physicians' offices by diagnosis. Extrapolation from both surveys indicates that an estimated 7.6 million visits to private physicians' offices for PID were made for the period 1973 through 1977.

Estimates for hospitalizations for salpingitis and PID* have also been made, based upon 2 hospital data systems (Figure 2). One of these, the Professional Activities Study (PAS), is an ongoing statistical study of hospitals' patient-discharge abstracts from approximately 2,200 short-stay hospitals. These hospitals discharge about 17 million patients annually. PAS is conducted by the Commission on Professional and Hospital Activities, and although the hospitals participating in the study do not constitute a probability sample, they are a relatively stable group responsible for about half of all U.S. hospital discharges. The other basis for estimating hospitalizations for PID is the Hospital Discharge Survey (HDS), conducted by NCHS. It is a probability sampling of discharge records from U.S. short-stay hospitals. In both studies, the proportion of all women hospitalized due to salpingitis and PID slowly increased from 1970 through 1977.

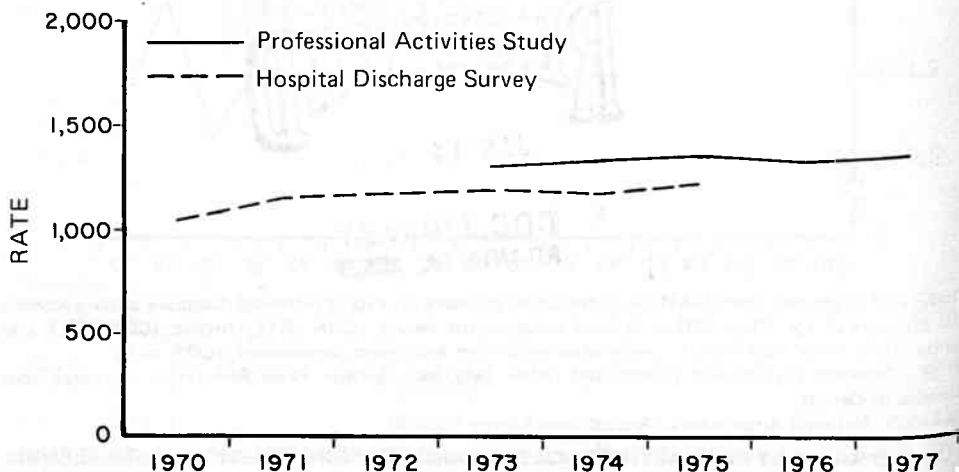
Reported by the Venereal Disease Control Div, Bur of State Services, CDC.

Editorial Note: Salpingitis and PID are often used synonymously in reference to upper genital-tract infections in women. *Neisseria gonorrhoeae* and possibly *Chlamydia trachomatis* are causes of PID. After an initial episode of PID, women often experience recurrences and are at high risk for infertility and ectopic pregnancy.

As reflected by the large number of visits to private physicians and hospital admissions for this disease, PID is a major health problem. Following the institution of a gonorrhea control program in 1972 (1), not only have reported cases of gonorrhea in men and women leveled off, but also the rate of visits to office-based, private physicians for PID has declined. However, hospitalization rates for PID did not decline. This difference in trend remains unexplained. Possibly, a larger proportion of patients now seek care for PID in

*Using the same International Classification of Diseases Adapted (ICDA) code as above.

FIGURE 2. Total diagnoses of salpingitis and PID per 100,000 females discharged from hospitals, by data source, United States, 1970-1977



Pelvic Inflammatory Disease — Continued

health facilities other than private physicians' offices. It may also be possible that women with PID are now more likely to be hospitalized because of a better appreciation of the severity of this syndrome. Because recurrent PID accounts for a major portion of women hospitalized for PID, it may also be too early to expect a decline in the rates of hospitalization for PID. Declines in PID hospitalization rates and further decreases in PID visit rates are possible if gonorrhea prevention programs are improved and if prevention is directed at non-gonococcal as well as gonococcal PID.

Reference

1. MMWR 28:533-534, 1979

Announcement

On April 1-3, 1980, an International Symposium on Pelvic Inflammatory Disease will be held at CDC sponsored by the American College of Obstetricians and Gynecologists, American Venereal Disease Association, CDC, International Planned Parenthood Federation, International Union Against the Venereal Diseases and Treponematoses, Pan American Health Organization, and World Health Organization.

Clinicians, scientists, and public health officials who are actively involved in the study, prevention, or control of genital infections of women are invited and encouraged to attend. However, since seating capacity is limited, persons wishing to attend should notify the Symposium Director of their intent by February 1, 1980. Please include a very brief description of your current position and activities specifically related to the subject of the genital infections of women. Send notification and description to: Symposium Director, International Symposium on PID, Attn: Joyce Ayers, Center for Disease Control, Atlanta, Georgia 30333.

*International Notes***Rift Valley Fever with Retinopathy — Canada**

On January 29, 1979, a 41-year-old woman on safari in Mombasa, Kenya, became ill with fever, myalgia, dizziness, fatigue, and severe headache and neck rigidity which lasted 2-3 days. The woman, a Canadian working in Jeddah, Saudi Arabia, had traveled from Jeddah with her son and husband on January 25 to Nairobi, Kenya, where they set out on safari to Mombasa. The family returned to Jeddah at the beginning of February, but the woman did not feel well and began to note a blurring and impairment of her vision early in February. Because her vision did not improve she was referred to an ophthalmologist in Jeddah on March 4; he diagnosed her illness as Rift Valley Fever (RVF).

The patient returned to Canada and was examined by an ophthalmologist and at the Tropical Disease Unit of Toronto General Hospital. Ophthalmologic examination on March 8 revealed normal external findings, motility, refraction, and intraocular pressures bilaterally. The right-eye vision was 20/20 and the media was clear; there was an opaque white exudative lesion 10° temporal to the fovea, 1.67mm in diameter. Angiography showed fluorescein leakage at the site of the lesion and retinal hemorrhage inferior to it. Adjacent vessels were normal, and there was no cellular reaction in the overlying vitreous. The left-eye vision was 20/600, and there was minimal aqueous flare, no cells, and clear

Rift Valley Fever — Continued

vitreous. A white exudative lesion involved the left fovea and extended nasally. Fluorescein angiography revealed multiple foci of leakage within the lesion and retinal hemorrhage inferiorly. Adjacent vessels were patent.

Examination of serum specimens collected on March 8, March 18, and June 29 showed antibody titers of 1:320 by the hemagglutination inhibition test to RVF antigen. Plaque reduction neutralization tests done by the U.S. Army Medical Research Institute of Infectious Diseases showed neutralizing antibody titers of 1:5,120 and 1:10,240 (in the sera collected March 8 and 18), respectively. The patient had no detectable antibodies to many of the other arboviral antigens when tested by the hemagglutination inhibition and complement fixation tests; no antibodies were detected to cytomegalovirus and toxoplasmosis by complement fixation and immunofluorescence testing.

Reported by *Canada Diseases Weekly Report*, Vol. 5-42, October 20, 1979

Editorial Note: The serologic results, the clinical diagnosis based on ophthalmologic examination, and the history of travel and disease are all consistent with a diagnosis of RVF.

The recent epidemics in Egypt may serve as the foci from which RVF could spread to other areas. The extensive travel between this part of the world and North America emphasizes the possibility of importation of this disease. Because of the high concentration of virus in the blood during the viremia, humans can become a vehicle for spreading this virus into new geographic areas. The potential for spread is increased because of the large number of mosquito species reported as possible vectors of RVF virus.

TABLE I. Summary — cases of specified notifiable diseases, United States

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

DISEASE	51st WEEK ENDING		MEDIAN 1974-1978**	CUMULATIVE, FIRST 51 WEEKS		
	December 22, 1979	December 23, 1978*		December 22, 1979	December 23, 1978*	MEDIAN 1974-1978**
Aseptic meningitis	105	93	59	8,201	6,387	4,058
Brucellosis	9	—	6	177	166	220
Chickenpox	2,948	4,431	3,513	192,094	149,372	149,372
Diphtheria	—	—	—	65	74	166
Encephalitis: Primary (arthropod-borne & unsp.)	20	13	15	1,045	1,163	1,163
Post-infectious	1	1	1	231	227	247
Hepatitis, Viral: Type B	312	269	270	14,618	14,635	14,635
Type A	490	521	586	28,899	28,793	32,716
Type unspecified	234	183	183	10,625	8,526	8,219
Malaria	16	9	9	785	712	449
Measles (rubeola)	91	304	304	13,364	26,663	26,663
Meningococcal infections: Total	44	42	32	2,489	2,378	1,507
Civilian	44	42	32	2,477	2,351	1,486
Military	—	—	—	12	27	27
Mumps	253	340	493	13,717	16,352	37,771
Pertussis	122	34	25	1,365	2,033	1,725
Rubella (German measles)	113	104	104	11,592	18,097	16,096
Tetanus	1	1	1	74	77	80
Tuberculosis	536	582	582	27,316	28,565	29,817
Tularemia	—	1	3	191	134	137
Typhoid fever	7	6	6	496	517	392
Typhus fever, tick-borne (Rky. Mt. spotted)	5	4	5	1,055	1,042	892
Venereal diseases:						
Gonorrhea: Civilian	15,268	20,519	16,880	982,724	1,000,101	986,583
Military	409	429	412	27,148	25,452	26,092
Syphilis, primary & secondary: Civilian	450	464	389	24,558	21,381	21,381
Military	2	7	7	315	304	304
Rabies in animals	62	53	29	4,825	3,123	2,861

TABLE II. Notifiable diseases of low frequency, United States

	CUM. 1979		CUM. 1979
Anthrax	—	Poliomyelitis: Total	25
Botulism (Mass. 1)	37	Paralytic	22
Cholera	1	Psittacosis (Ohio 1, Iowa 1, Utah 2)	99
Congenital rubella syndrome (Calif. 1)	48	Rabies in man	3
Leprosy † (NYC 1, Calif. 1)	169	Trichinosis	134
Leptospirosis	55	Typhus fever, flea-borne (endemic, murine) (Texas 1)	60
Plague	10		

* Delayed reports received for calendar year 1978 are used to update last year's weekly and cumulative totals.

** Medians for gonorrhea and syphilis are based on data for 1976-1978.

† Delayed report: Leprosy: Guam +1

TABLE III. Cases of specified notifiable diseases, United States, weeks ending December 22, 1979, and December 23, 1978 (51st week)

REPORTING AREA	ASEPTIC MENIN- GITIS	BRU- CEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS (VIRAL), BY TYPE			MALARIA	
						Primary		Post-in- fectious	B	A	Unspecified		
						1979	1978*	1979	1979	1979	1979		
1979	1979	1979	1979	1979	CUM. 1978	1979	1978*	1979	1979	1979	1979	1979	CUM. 1978
UNITED STATES	105	9	2,948	-	65	20	13	1	312	490	234	16	785
NEW ENGLAND	4	-	250	-	-	-	1	-	9	5	10	1	43
Maine	-	-	45	-	-	-	-	-	1	-	1	-	3
N.H.†	-	-	5	-	-	-	-	-	1	1	-	-	1
Vt.	-	-	13	-	-	-	-	-	-	-	-	-	-
Mass.†	3	-	91	-	-	-	1	-	2	3	6	-	13
R.I.	-	-	9	-	-	-	-	-	-	1	-	-	10
Conn.	1	-	87	-	-	-	-	-	5	-	3	1	16
MID. ATLANTIC	19	1	130	-	-	1	3	-	66	41	13	-	96
Upstate N.Y.	7	-	98	-	-	-	3	-	2	10	3	-	14
N.Y. City	2	1	27	-	-	-	-	-	10	9	-	-	45
N.J.	6	-	NN	-	-	-	-	-	21	11	8	-	16
Pa.†	4	-	5	-	-	1	-	-	33	11	2	-	21
E.N. CENTRAL	16	-	1,561	-	2	2	1	-	41	92	5	-	48
Ohio†	-	-	69	-	-	-	-	-	6	21	-	-	12
Ind.	-	-	131	-	1	-	-	-	3	24	3	-	2
Ill.	-	-	282	-	-	-	1	-	20	33	-	-	20
Mich.	11	-	795	-	-	2	-	-	10	11	2	-	12
Wis.†	5	-	284	-	1	-	-	-	2	3	-	-	2
W.N. CENTRAL	4	1	547	-	1	2	1	-	21	19	8	1	48
Minn.†	-	-	-	-	-	-	-	-	2	7	1	-	25
Iowa	1	1	317	-	-	2	1	-	3	2	-	-	2
Mo.	-	-	6	-	1	-	-	-	5	5	1	-	4
N. Dak.	-	-	-	-	-	-	-	-	-	-	-	-	7
S. Dak.	-	-	33	-	-	-	-	-	2	2	-	-	1
Nebr.†	3	-	25	-	-	-	-	-	1	1	-	-	2
Kans.	-	-	166	-	-	-	-	-	8	2	6	1	7
S. ATLANTIC	11	-	209	-	1	-	1	1	51	52	28	2	98
Del.	-	-	3	-	-	-	-	-	-	-	-	-	1
Md.	-	-	9	-	-	-	-	-	9	7	4	-	22
D.C.	-	-	2	-	-	-	-	-	1	-	1	-	6
Va.	2	-	6	-	1	-	-	-	4	2	5	1	28
W. Va.†	1	-	168	-	-	-	-	-	1	1	-	-	3
N.C.	3	-	NN	-	-	-	1	-	14	8	12	-	6
S.C.	1	-	-	-	-	-	-	-	2	4	-	-	1
Ge.	-	-	-	-	-	-	-	-	14	15	-	1	7
Fla.†	4	-	21	-	-	-	-	1	6	15	6	-	24
E.S. CENTRAL	17	7	26	-	-	9	1	-	18	26	6	1	13
Ky.	1	-	25	-	-	-	-	-	6	4	-	-	-
Tenn.	4	1	NN	-	-	2	1	-	3	11	-	-	-
Ala.	10	-	-	-	-	-	-	-	8	1	6	1	5
Miss.	2	6	1	-	-	7	-	-	1	10	-	-	8
W.S. CENTRAL	14	-	123	-	-	4	2	-	40	84	62	2	54
Ark.	-	-	-	-	-	-	1	-	1	6	5	-	2
La.	-	-	NN	-	-	-	-	-	6	14	4	-	5
Okla.	5	-	-	-	-	1	1	-	14	4	3	1	9
Tex.	9	-	123	-	-	3	-	-	19	60	50	1	38
MOUNTAIN	3	-	102	-	2	-	-	-	12	82	71	1	22
Mont.	-	-	41	-	-	-	-	-	1	5	-	-	2
Idaho	-	-	-	-	-	-	-	-	-	1	-	-	-
Wyo.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	1
Colo.	-	-	13	-	-	-	-	-	6	7	-	1	10
N. Mex.	2	-	20	-	-	-	-	-	-	5	-	-	1
Ariz.	-	-	NN	-	2	-	-	-	5	60	71	-	7
Utah†	-	-	27	-	-	-	-	-	-	-	-	-	-
Nev.	1	-	1	-	-	-	-	-	-	4	-	-	1
PACIFIC	17	-	-	-	59	2	3	-	54	89	31	8	363
Wash.	NA	NA	NA	NA	55	NA	-	-	NA	NA	NA	NA	24
Oreg.	1	-	-	-	-	-	-	-	3	7	1	3	22
Calif.†	13	-	-	-	4	1	3	-	50	80	30	5	311
Alaska	-	-	-	-	-	-	-	-	-	2	-	-	-
Hawaii	3	-	-	-	-	1	-	-	1	-	-	-	6
Guam†	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-
P.R.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	8
V.I.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-
Pac. Trust Terr.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-

NN: Not notifiable.

NA: Not available.

* Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

† The following delayed reports will be reflected in next week's cumulative totals: Asep. meng: Ohio +1, Fla. +8; Chickenpox: Nebr. +5, W.Va. +168, Fla. +25, Calif. +35, Guam +8; Enceph. prim: Ohio +2, Fla. +2, Utah +9; Enceph. post: Fla. +3; Hep. B: Pa. +25, Ohio +1, Wis. +1, W.Va. +2, Fla. +4; Hep. A: N.H. -1, Pa. 125, Ohio -2, Minn. +2, W.Va. +1, Fla. +3, Guam +4; Hep. unsp. N.H. +1, Pa. +4, Fla. +6, Guam +1; Malaria: Mass. +1, Ohio +1.

TABLE III (Cont.'d). Cases of specified notifiable diseases, United States, weeks ending December 22, 1979, and December 23, 1978 (51st week)

REPORTING AREA	MEASLES (RUBEOLA)			MENINGOCOCCAL INFECTIONS TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1979	CUM. 1979	CUM. 1978*	1979	CUM. 1979	CUM. 1978*	1979	CUM. 1979	1979	1979	CUM. 1979	CUM. 1979
UNITED STATES	91	13,364	26,663	44	2,489	2,378	253	13,717	22	113	11,592	74
NEW ENGLAND	-	292	2,044	1	137	133	39	791	1	2	1,448	4
Maine †	-	19	1,320	-	9	9	4	272	-	-	67	1
N.H.	-	33	80	-	15	10	-	6	-	-	129	-
Vt.	-	119	55	-	8	3	-	10	-	-	407	-
Mass. †	-	15	253	-	48	51	30	189	-	2	492	2
R.I.	-	102	8	1	10	18	3	51	-	-	93	-
Conn.	-	4	328	-	47	42	2	263	1	-	260	1
MID. ATLANTIC	7	1,632	2,271	14	411	366	14	1,325	-	14	2,080	10
Upstate N.Y.	2	673	1,431	4	140	115	2	188	-	12	1,184	2
N.Y. City	5	853	402	1	90	87	3	155	-	2	289	5
N.J.	-	58	75	3	101	77	9	603	-	-	341	1
Pa.	-	48	363	6	80	87	-	379	-	-	266	2
E.N. CENTRAL	43	3,488	11,540	5	278	353	130	5,696	1	51	2,764	5
Ohio	-	313	492	3	106	89	61	2,032	-	1	141	4
Ind. †	1	228	222	-	48	56	4	351	-	19	797	-
Ill.	27	1,531	1,347	-	28	106	12	999	-	23	273	-
Mich.	7	868	7,986	2	79	84	29	1,056	1	4	1,259	1
Wis. †	8	548	1,493	-	17	18	24	1,258	-	4	294	-
W.N. CENTRAL	-	1,842	518	-	76	99	14	750	3	11	510	2
Minn.	-	1,218	44	-	19	26	1	24	-	-	43	-
Iowa	-	16	71	-	13	13	1	245	-	-	53	1
Mo.	-	432	93	-	33	41	-	201	-	-	71	1
N. Dak.	-	21	211	-	1	3	-	2	-	-	8	1
S. Dak.	-	2	-	-	2	4	-	11	-	-	5	-
Nebr.	-	78	5	-	-	-	-	7	-	-	202	-
Kans.	-	75	94	-	8	12	12	260	3	11	128	-
S. ATLANTIC	2	2,149	5,541	4	603	570	30	827	4	2	1,282	14
Del.	-	1	7	-	3	2	3	93	-	-	7	-
Md.	-	16	52	-	59	38	9	204	-	-	28	1
D.C.	-	-	48	-	2	2	-	2	-	-	1	-
Va. †	1	288	2,837	4	85	72	6	105	1	2	207	2
W. Va. †	-	65	1,068	-	15	17	3	134	1	-	112	-
N.C.	-	114	122	-	95	109	2	89	-	-	535	4
S.C.	1	183	199	-	64	42	-	3	-	-	74	-
Ga.	-	587	36	-	87	64	-	7	-	-	14	-
Fla. †	-	895	1,172	-	193	224	7	190	2	-	304	7
E.S. CENTRAL	20	290	1,436	3	174	191	5	1,558	1	-	310	8
Ky.	20	60	122	-	35	31	1	1,299	-	-	72	1
Tenn.	-	77	964	1	52	55	1	106	1	-	102	-
Ala.	-	129	102	1	40	51	-	28	-	-	44	5
Miss.	-	24	248	1	47	54	3	125	-	-	92	2
W.S. CENTRAL	1	953	1,435	10	363	308	8	1,465	6	1	274	25
Ark.	-	9	17	1	31	25	-	532	1	-	7	4
La.	-	259	376	5	127	122	1	37	-	-	30	4
Okla.	-	22	19	1	42	20	-	-	4	-	24	2
Tex.	1	663	1,023	3	163	141	7	896	1	1	213	15
MOUNTAIN	4	342	276	1	100	54	1	326	5	5	559	-
Mont.	-	56	108	-	15	7	-	13	-	2	73	-
Idaho	-	18	1	-	11	4	-	9	-	-	208	-
Wyo.	NA	36	-	-	1	-	NA	-	NA	NA	-	-
Colo.	1	72	46	-	8	3	1	117	-	-	68	-
N. Mex.	-	38	-	-	6	12	-	13	5	-	11	-
Ariz.	3	83	57	1	37	15	-	64	-	3	152	-
Utah	-	19	44	-	9	6	-	96	-	-	44	-
Nev.	-	20	20	-	13	7	-	14	-	-	3	-
PACIFIC	14	2,376	1,602	6	347	304	12	979	1	27	2,365	6
Wash.	NA	1,153	433	-	69	51	NA	249	NA	NA	220	-
Oreg.	-	66	511	2	28	33	-	118	-	15	127	6
Calif.	14	1,072	648	4	234	206	10	478	1	10	1,993	6
Alaska	-	17	1	-	6	10	2	15	-	-	4	-
Hawaii	-	68	9	-	10	4	-	119	-	2	21	-
Guam †	NA	12	26	-	1	2	NA	12	NA	NA	4	-
P.R.	NA	381	314	-	7	12	NA	604	NA	NA	39	11
V.I.	NA	6	6	-	3	1	NA	20	NA	NA	-	-
Pac. Trust Terr.	NA	8	645	-	1	3	NA	45	NA	NA	1	-

NA: Not available.

*Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

†The following delayed reports will be reflected in next week's cumulative totals: Measles: Maine -1, Mass. -1, Ind. -1, Wis. -3, Fla. +5; Men. inf.: Wis. +2, Va. -1, W.Va. +1; Mumps: W.Va. +2, Fla. +2, Guam +1; Pertussis: Fla. +1; Rubella: W.Va. +1, Fla. +4.

TABLE III (Cont.'d). Cases of specified notifiable diseases, United States, weeks ending
December 22, 1979, and December 23, 1978 (51st week)

REPORTING AREA	TUBERCULOSIS		TULA- REMIA	TYPHOID FEVER		TYPHUS FEVER (Tick-borne) (RMSF)		VENEREAL DISEASES (Civilian)						RABIES (in Animals)
								GONORRHEA		SYPHILIS (Pri. & Sec.)				
	1979	CUM. 1979		CUM. 1979	1979	CUM. 1979	1979	CUM. 1979	1979	CUM. 1979	CUM. 1978*	1979	CUM. 1979	CUM. 1978*
UNITED STATES	536	27,316	191	7	496	5	1,055	15,268	982,724	1000,101	450	24,558	21,381	4,825
NEW ENGLAND	32	833	3	-	22	-	9	556	24,321	25,271	21	513	591	50
Maine	2	56	-	-	1	-	-	44	1,713	2,070	-	10	10	30
N.H.t	-	26	-	-	-	-	-	22	906	1,163	-	21	6	5
Vt.	-	30	-	-	-	-	1	12	636	605	-	3	3	1
Mass.t	25	452	3	-	14	-	4	159	9,607	11,070	6	276	366	10
R.I.	3	77	-	-	2	-	-	20	1,915	1,865	-	19	29	2
Conn.	2	192	-	-	5	-	4	299	9,544	8,498	15	184	177	2
MID. ATLANTIC	81	4,202	1	1	99	4	56	1,875	108,867	103,576	82	3,765	2,914	69
Upper N.Y.	15	753	1	-	22	-	28	402	19,107	18,168	11	289	207	48
N.Y. City	29	1,525	-	1	40	-	2	850	42,660	41,073	47	2,557	2,025	-
N.J.	22	829	-	-	24	-	5	105	19,073	20,303	13	481	361	5
Pa.	15	1,095	-	-	13	4	21	518	28,027	29,032	11	438	321	16
E.N. CENTRAL	94	4,089	1	2	31	-	58	2,001	154,058	157,494	57	3,029	2,444	442
Ohio.t	13	746	1	-	4	-	21	447	42,010	40,570	20	609	460	38
Ind.	6	505	-	-	1	-	2	NA	13,182	15,191	NA	203	167	68
Ill.	44	1,638	-	1	9	-	31	828	49,077	51,741	33	1,696	1,507	213
Mich.t	31	998	-	1	14	-	3	726	36,141	36,160	4	443	237	15
Wis.t	-	202	-	-	3	-	1	NA	13,648	13,832	NA	78	73	108
W.N. CENTRAL	33	925	27	-	23	-	61	1,058	48,699	50,100	2	307	420	1,000
Minn.	22	141	1	-	5	-	2	209	8,094	8,413	1	87	151	163
Iowa	4	72	1	-	5	-	14	132	5,780	5,510	-	30	36	195
Mo.t	20	504	22	-	8	-	32	450	20,847	22,300	-	141	141	303
N. Dak.	-	21	-	-	-	-	-	11	857	857	-	2	3	87
S. Dak.	3	54	2	-	-	-	17	1,582	1,697	1,697	-	2	3	121
Nebr.	1	27	1	-	1	-	5	83	3,514	3,582	-	7	15	3
Kans.t	3	106	-	-	4	-	8	156	8,025	7,741	1	38	71	128
S. ATLANTIC	116	6,047	11	1	46	1	599	4,634	237,198	242,059	150	5,816	5,590	665
Del.	1	58	1	-	-	-	3	118	3,898	3,415	1	30	13	2
Md.	11	709	-	-	6	-	75	482	29,127	30,954	12	389	431	33
D.C.	5	301	-	-	1	-	2	211	15,831	16,314	12	449	422	-
Va.	17	724	2	1	6	-	90	454	22,729	23,667	9	480	467	20
W. Va.t	-	224	-	-	5	-	15	66	3,165	3,300	11	61	30	13
N.C.t	30	982	1	-	2	-	242	789	34,656	34,100	6	428	599	26
S.C.	-	484	1	-	5	1	80	423	22,038	23,767	6	311	279	173
Ga.	11	974	6	-	2	-	83	915	44,914	46,829	36	1,601	1,400	335
Fla.t	41	1,591	-	-	19	-	9	1,176	60,840	59,713	57	2,067	1,949	63
E.S. CENTRAL	67	2,520	15	-	22	-	138	1,745	83,639	83,861	46	1,660	1,124	319
Ky.	14	631	2	-	7	-	20	108	11,224	11,250	1	159	149	137
Tenn.	13	722	13	-	3	-	75	537	30,308	30,659	19	682	385	109
Ala.	19	630	-	-	8	-	21	745	24,540	24,431	5	299	199	72
Miss.	21	537	-	-	4	-	22	355	17,567	17,521	21	520	391	1
W.S. CENTRAL	22	3,244	78	-	72	-	108	751	124,911	132,845	29	4,441	3,511	1,765
Ark.	6	307	49	-	5	-	22	216	10,194	9,797	6	165	76	327
La.	13	635	5	-	5	-	3	349	22,657	21,544	21	1,138	706	37
Okla.	-	322	14	-	-	-	63	186	12,525	12,561	2	87	91	274
Tex.	3	1,980	10	-	62	-	20	NA	79,535	88,443	NA	3,051	2,638	1,127
MOUNTAIN	17	853	45	2	32	-	18	799	39,481	38,313	7	510	429	164
Mont.	-	35	14	-	-	-	5	14	1,933	2,117	-	9	8	8
Idaho	-	19	2	-	4	-	3	68	1,760	1,577	-	26	13	8
Wyo.	NA	14	-	NA	1	NA	-	NA	1,097	956	NA	9	9	11
Colo.t	-	136	12	-	15	-	4	200	10,539	10,598	2	110	119	51
N. Mex.	1	145	3	-	4	-	2	60	4,828	5,484	1	94	85	52
Ariz.	11	411	-	-	3	-	-	284	11,060	9,921	-	147	105	23
Utah	5	38	12	2	3	-	1	25	1,986	2,097	-	5	13	11
Nev.	-	55	2	-	2	-	3	148	6,278	5,563	4	110	77	-
PACIFIC	74	4,603	10	1	149	-	8	1,849	161,550	161,582	56	4,517	4,358	351
Wash.	NA	296	5	NA	9	NA	-	NA	14,034	13,295	NA	195	261	-
Weg.	7	186	2	-	5	-	-	270	10,266	10,940	2	163	173	15
Calif.	67	3,727	3	1	126	-	8	1,467	129,261	129,508	53	4,041	3,869	334
Alaska	-	83	-	-	2	-	-	74	4,879	5,024	-	25	12	2
Hawaii	-	311	-	-	7	-	-	38	3,110	2,815	1	93	43	-
Guam.t	NA	55	-	NA	-	NA	-	NA	96	152	NA	-	1	-
P.R.	NA	296	-	NA	6	NA	-	NA	2,092	2,137	NA	574	493	24
V.I.t	NA	4	-	NA	1	NA	-	NA	149	216	NA	11	17	-
Pac. Trust Terr.	NA	39	-	NA	-	NA	-	NA	430	424	NA	1	-	-

NA: Not available.

*Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

†The following delayed reports will be reflected in next week's cumulative totals: TB: N.H. -1, Mich. -4, Kans. -1, W.Va. +1, N.C. -4, Fla. -1, Colo. -1, Guam +3; Tularemia: Mo. +1; T. fever: Mass. -1, Ohio +1, Mo. -1; RMSF: Mass. +2, Ohio +1, Mo. +2; GC: Wis. -6 civ., W.Va. +65 civ., Guam +8 civ. +13 mil., V.I. +7 civ.; Syphilis: W.Va. +1, V.I. +1; An. rabies: Ohio +2.

TABLE IV. Deaths in 121 U.S. cities,* week ending

December 22, 1979 (51st week)

REPORTING AREA	ALL CAUSES, BY AGE (YEARS)					P & I** TOTAL	REPORTING AREA	ALL CAUSES, BY AGE (YEARS)					P & I** TOTAL
	ALL AGES	>65	45-64	25-44	<1			ALL AGES	>65	45-64	25-44	<1	
NEW ENGLAND	713	457	176	37	25	42	S. ATLANTIC	1,272	734	353	92	49	46
Boston, Mass.	212	121	60	15	8	16	Atlanta, Ga.	142	79	38	13	6	2
Bridgeport, Conn.	40	30	7	2	1	5	Baltimore, Md.	359	197	101	36	13	4
Cambridge, Mass.	23	15	7	1	-	1	Charlotte, N.C.	60	33	21	3	2	4
Fall River, Mass.	33	22	9	1	1	1	Jacksonville, Fla.	101	52	37	6	2	3
Hartford, Conn.	62	37	15	3	5	1	Miami, Fla.	95	52	30	5	6	5
Lowell, Mass.	32	19	6	2	1	5	Norfolk, Va.	43	22	13	3	3	1
Lynn, Mass.	26	17	7	1	-	3	Richmond, Va.	82	50	26	3	3	6
New Bedford, Mass.	18	13	4	-	1	-	Savannah, Ga.	31	21	6	3	1	6
New Haven, Conn.	55	33	13	5	3	1	St. Petersburg, Fla.	82	69	9	-	2	3
Providence, R.I.	75	49	21	2	3	2	Tampa, Fla.	68	37	22	2	3	5
Somerville, Mass.	11	6	3	-	-	-	Washington, D.C.	150	89	31	16	5	-
Springfield, Mass.	40	28	6	3	2	2	Wilmington, Del.	59	33	19	2	3	-
Waterbury, Conn.	33	27	5	1	-	4							
Worcester, Mass.	53	38	13	1	-	1							
MID. ATLANTIC	2,676	1,765	589	172	78	120	E.S. CENTRAL	768	452	208	49	22	28
Albany, N.Y.	55	33	17	2	2	-	Birmingham, Ala.	125	70	31	8	9	4
Allentown, Pa.	22	15	3	4	-	-	Chattanooga, Tenn.	58	35	19	1	1	2
Buffalo, N.Y.	146	101	30	4	6	10	Knoxville, Tenn.	35	28	7	-	-	12
Camden, N.J.	42	24	13	3	1	-	Louisville, Ky.	127	81	36	5	2	2
Elizabeth, N.J.	24	17	6	1	-	-	Memphis, Tenn.	202	124	49	13	3	2
Erie, Pa.	26	23	3	-	-	-	Mobile, Ala.	53	27	17	1	2	1
Jersey City, N.J.	57	24	22	3	4	2	Montgomery, Ala.	47	30	12	1	-	1
Newark, N.J.	59	27	17	6	4	3	Nashville, Tenn.	121	57	37	13	5	-
N.Y. City, N.Y.	1,511	998	320	115	38	58	W.S. CENTRAL	1,246	723	319	78	71	49
Peterborough, N.J.	25	13	5	1	6	1	Austin, Tex.	44	29	7	3	3	4
Philadelphia, Pa.	225	144	51	15	8	16	Baton Rouge, La.	36	23	8	1	2	-
Pittsburgh, Pa.	73	50	16	2	4	5	Corpus Christi, Tex.	35	20	10	1	-	5
Reading, Pa.	42	37	4	1	-	2	Dallas, Tex.	207	115	52	17	12	7
Rochester, N.Y.	131	90	23	9	5	11	El Paso, Tex.	59	37	15	2	3	3
Schenectady, N.Y.	15	12	1	-	-	1	Fort Worth, Tex.	99	47	23	5	21	3
Scranton, Pa.	32	25	6	-	-	2	Houston, Tex.	202	102	60	20	8	6
Syracuse, N.Y.	98	62	33	2	-	3	Houston, Tex.	76	53	17	4	1	-
Trenton, N.J.	27	14	9	4	-	2	Little Rock, Ark.	171	97	51	8	9	3
Utica, N.Y.	36	28	8	-	-	-	New Orleans, La.	140	86	35	7	7	4
Yonkers, N.Y.	30	28	2	-	-	2	San Antonio, Tex.	58	34	13	4	4	7
							Shreveport, La.	119	80	28	6	1	-
							Tulsa, Okla.						
E.N. CENTRAL	2,293	1,418	559	139	103	55	MOUNTAIN	627	389	136	49	24	25
Akron, Ohio	51	35	10	3	3	2	Albuquerque, N. Mex.	46	32	10	3	-	4
Canton, Ohio	42	30	10	1	1	-	Colorado Springs, Colo.	37	24	10	1	1	3
Chicago, Ill.	556	342	124	45	23	12	Denver, Colo.	119	78	30	3	3	2
Cincinnati, Ohio	143	74	46	7	7	2	Las Vegas, Nev.	82	36	21	11	6	3
Cleveland, Ohio	165	101	43	13	3	7	Ogden, Utah	25	15	8	1	-	2
Columbus, Ohio	129	69	33	10	10	4	Phoenix, Ariz.	149	88	31	19	6	4
Dayton, Ohio	113	73	25	8	4	-	Pueblo, Colo.	24	16	6	1	-	1
Detroit, Mich.	260	145	70	20	17	2	Salt Lake City, Utah	55	36	7	4	5	-
Evansville, Ind.	40	32	6	2	-	-	Tucson, Ariz.	90	64	13	6	3	-
Fort Wayne, Ind.	42	32	9	-	1	3							
Gary, Ind.	27	15	6	4	1	1							
Grand Rapids, Mich.	58	36	16	2	3	2							
Indianapolis, Ind.	143	88	37	8	4	1	PACIFIC	1,590	1,026	347	105	61	53
Madison, Wis.	23	13	10	-	-	1	Berkeley, Calif.	22	13	3	3	1	9
Milwaukee, Wis.	144	96	36	4	5	1	Fresno, Calif.	83	53	16	7	5	1
Peoria, Ill.	63	42	13	3	4	6	Glendale, Calif.	13	9	4	-	-	1
Rockford, Ill.	50	33	12	1	3	3	Honolulu, Hawaii	60	29	15	8	4	2
South Bend, Ind.	60	38	13	3	5	6	Long Beach, Calif.	93	61	24	3	1	6
Toledo, Ohio	126	86	26	4	6	2	Los Angeles, Calif.	317	211	60	22	15	4
Youngstown, Ohio	58	38	14	1	3	-	Oakland, Calif.	52	33	10	4	4	1
							Pasadena, Calif.	28	18	8	1	1	-
W.N. CENTRAL	742	454	157	44	26	29	Portland, Oreg.	129	87	26	6	4	11
Des Moines, Iowa	58	42	12	3	-	-	Sacramento, Calif.	89	47	30	7	1	1
Duluth, Minn.	16	11	3	-	2	-	San Diego, Calif.	124	75	34	2	3	2
Kansas City, Kans.	33	15	9	4	3	3	San Francisco, Calif.	136	97	25	10	4	2
Kansas City, Mo.	135	99	21	9	6	4	San Jose, Calif.	180	119	40	15	3	7
Lincoln, Nebr.	36	28	5	2	-	2	Seattle, Wash.	169	108	34	14	8	3
Minneapolis, Minn.	95	64	20	5	5	1	Spokane, Wash.	46	27	14	1	4	3
Omaha, Nebr.	48	28	11	4	2	1	Tacoma, Wash.	49	39	4	2	3	-
St. Louis, Mo.	174	113	42	10	2	6							
St. Paul, Minn.	79	56	16	3	3	2	TOTAL	11,927	7,458	2,844	765	459	447
Wichita, Kans.	68	38	18	4	3	10							

*Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

**Pneumonia and influenza

†Because of changes in reporting methods in these 4 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

TABLE III. Cases of specified notifiable diseases, United States, weeks ending December 29, 1979, and December 30, 1978 (52nd week)

REPORTING AREA	ASEPTIC MENIN- GITIS	BRU- CEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS (VIRAL), BY TYPE			MALARIA	
						Primary		Post-in- fectious	B	A	Unspecified		
	1979	1978	1978	1978	CUM. 1978	1978	1978*	1978	1978	1978	1978	1978	CUM. 1978
UNITED STATES	108	6	2,889	-	65	9	17	-	262	444	216	23	809
NEW ENGLAND	3	-	348	-	-	1	-	-	7	14	10	-	43
Maine †	-	-	94	-	-	-	-	-	-	-	-	-	3
N.H. †	-	-	4	-	-	-	-	-	1	2	-	-	1
Vt.	1	-	-	-	-	-	-	-	1	-	-	-	-
Mass.	1	-	54	-	-	1	-	-	-	3	8	-	13
R.I.	-	-	10	-	-	-	-	-	1	5	-	-	10
Conn.	1	-	186	-	-	-	-	-	-	4	2	-	16
MID. ATLANTIC	11	-	275	-	-	-	-	-	37	34	20	-	96
Upstate N.Y.	3	-	181	-	-	-	-	-	14	21	8	-	14
N.Y. City	1	-	34	-	-	-	-	-	4	3	-	-	45
N.J.	-	-	NN	-	-	-	-	-	19	10	12	-	16
Pa.	7	-	60	-	-	-	-	-	NA	NA	NA	-	21
E.N. CENTRAL	12	-	1,436	-	2	2	8	-	52	93	13	-	49
Ohio †	-	-	125	-	-	-	4	-	12	27	-	-	13
Ind. †	1	-	72	-	1	-	-	-	13	23	5	-	2
Ill.	3	-	403	-	-	-	1	-	10	25	4	-	20
Mich.	6	-	536	-	-	2	3	-	14	18	4	-	12
Wis.	2	-	300	-	1	-	-	-	3	-	-	-	2
W.N. CENTRAL	3	-	296	-	1	1	-	-	4	14	6	1	49
Minn.	-	-	-	-	-	-	-	-	-	1	1	-	25
Iowa †	1	-	248	-	-	1	-	-	-	-	-	-	2
Mo.	-	-	33	-	1	-	-	-	4	11	5	1	5
N. Dak.	-	-	14	-	-	-	-	-	-	-	-	-	7
S. Dak.	-	-	-	-	-	-	-	-	-	-	-	-	1
Nebr.	1	-	1	-	-	-	-	-	-	-	-	-	2
Kans.	1	-	-	-	-	-	-	-	-	2	-	-	7
S. ATLANTIC	13	-	170	-	1	-	2	-	42	44	25	3	101
Del. †	-	-	-	-	-	-	-	-	-	-	1	-	1
Md.	-	-	11	-	-	-	-	-	1	1	-	-	22
D.C.	-	-	-	-	-	-	-	-	-	-	-	-	6
Va. †	4	-	5	-	1	-	1	-	11	10	9	2	30
W. Va. †	3	-	114	-	-	-	-	-	-	5	1	-	3
N.C.	1	-	NN	-	-	-	1	-	3	2	-	-	6
S.C. †	1	-	-	-	-	-	-	-	3	1	1	-	1
Ge.	-	-	-	-	-	-	-	-	6	8	-	-	7
Fla. †	4	-	40	-	-	-	-	-	18	17	13	1	25
E.S. CENTRAL	7	4	51	-	-	-	3	-	26	37	10	-	13
Ky.	-	-	46	-	-	-	-	-	6	9	2	-	-
Tenn.	2	-	NN	-	-	-	-	-	10	9	2	-	-
Ala.	4	-	2	-	-	-	-	-	9	11	6	-	5
Miss.	1	4	3	-	-	-	3	-	1	8	-	-	8
W.S. CENTRAL	7	-	114	-	-	1	1	-	21	68	66	4	58
Ark.	-	-	1	-	-	-	-	-	-	4	1	-	2
La.	1	-	NN	-	-	1	-	-	10	13	2	-	5
Okla. †	3	-	-	-	-	-	1	-	1	2	1	-	9
Tex.	3	-	113	-	-	-	-	-	10	49	62	4	42
MOUNTAIN	4	-	106	-	2	-	-	-	11	43	32	-	22
Mont.	1	-	1	-	-	-	-	-	-	1	1	-	2
Idaho	-	-	66	-	-	-	-	-	-	3	-	-	-
Wyo. †	-	-	-	-	-	-	-	-	-	-	-	-	1
Colo.	1	-	14	-	-	-	-	-	4	6	4	-	10
N. Mex.	-	-	24	-	-	-	-	-	-	3	-	-	1
Ariz.	-	-	NN	-	2	-	-	-	7	21	26	-	7
Utah	-	-	1	-	-	-	-	-	-	2	-	-	-
Nev.	2	-	-	-	-	-	-	-	-	7	1	-	1
PACIFIC	48	2	93	-	59	4	3	-	62	97	34	15	378
Wash. †	3	-	82	-	55	-	2	-	3	6	-	7	31
Oreg.	1	-	1	-	-	1	-	-	2	5	1	-	22
Calif. †	39	2	-	-	4	3	1	-	55	85	33	8	319
Alaska	1	-	8	-	-	-	-	-	1	-	-	-	-
Hawaii	4	-	2	-	-	-	-	-	1	1	-	-	6
Guam	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-
P.R.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	8
V.I.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-
Pac. Trust Terr.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-

NA: Not notifiable.

NA: Not available.

*Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

†Delayed reports: Aseptic meningitis: N.H. +1, Ind. +4, Iowa -1, Fla. +2, Wash. +4, Calif. -26; Chickenpox: Maine +1, W. Va. +25, Fla. +54, Wash. +289, Calif. +6, Enceph. prim: Ohio +2, Ind. +3, Wyo. -1, Calif. -1; Enceph., post: Wyo. +1, Calif. -1; Hep. B: W. Va. +1, Fla. +7, Wash. +6, Calif. -87; Hep. A: Del. +1, Fla. +14, Okla. -1, Wash. +22, Calif. -113; Hep. unsp.: Del. -1, Va. -1, Fla. +6, Wash. +9, Calif. -93; Malaria: Ohio +1, S.C. +1, Fla. +1, Wash. -1.

TABLE III (Cont.'d). Cases of specified notifiable diseases, United States, weeks ending December 29, 1979, and December 30, 1978 (52nd week)

REPORTING AREA	MEASLES (RUBEOLA)			MENINGOCOCCAL INFECTIONS TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1978	CUM. 1979	CUM. 1978*	1978	CUM. 1979	CUM. 1978*	1979	CUM. 1979	1979	1979	CUM. 1979	CUM. 1979
UNITED STATES	84	13,448	26,915	42	2,534	2,462	178	13,899	28	36	11,633	75
NEW ENGLAND	11	302	2,044	1	139	137	6	797	1	1	1,449	4
Maine	-	18	1,320	-	9	9	-	272	-	1	68	1
N.H.†	-	33	80	-	16	10	-	6	-	-	129	-
Vt.	-	119	55	-	8	3	-	10	-	-	407	-
Mass.	11	26	253	1	49	52	5	194	-	-	492	2
R.I.	-	102	8	-	10	19	-	51	-	-	93	-
Conn.	-	4	328	-	47	44	1	264	1	-	260	1
MID. ATLANTIC	6	1,638	2,282	6	417	374	8	1,333	3	10	2,090	10
Upstate N.Y.	-	673	1,439	3	143	119	4	192	1	7	1,191	2
N.Y. City	6	859	405	1	91	88	-	155	2	1	290	5
N.J.	-	58	75	-	101	78	3	606	-	1	342	1
Pa.†	-	48	363	2	82	89	1	380	-	1	267	2
E.N. CENTRAL	21	3,505	11,401	4	284	361	36	5,732	5	9	2,773	5
Ohio	13	326	493	3	109	89	9	2,041	-	-	141	4
Ind.†	2	229	227	-	48	57	-	351	-	3	800	-
Ill.	-	1,531	1,381	1	29	110	8	1,007	1	-	273	-
Mich.	1	869	8,006	-	79	87	11	1,067	3	1	1,260	1
Wis.	5	550	1,494	-	19	18	8	1,266	1	5	299	-
W.N. CENTRAL	7	1,849	583	1	77	101	3	753	1	-	510	2
Minn.	-	1,218	46	-	19	26	1	25	-	-	43	-
Iowa	-	16	73	1	14	14	1	246	1	-	53	-
Mo.	7	439	154	-	33	41	1	202	-	-	71	1
N. Dak.	-	21	211	-	1	3	-	2	-	-	8	1
S. Dak.	-	2	-	-	2	4	-	11	-	-	5	-
Nebr.	-	78	5	-	-	-	-	7	-	-	202	-
Kans.	-	75	94	-	8	13	-	260	-	-	128	-
S. ATLANTIC	12	2,166	5,575	16	619	582	18	845	4	3	1,290	15
Del.	-	1	7	-	3	2	2	95	-	-	7	-
Md.	-	16	52	1	60	39	9	213	-	-	28	1
D.C.	-	-	48	-	2	2	-	2	-	-	1	-
Va.	-	288	2,837	2	86	73	-	105	3	-	207	2
W. Va.	-	65	1,068	2	18	17	3	139	-	1	114	-
N.C.	-	114	125	-	95	110	1	90	-	-	535	4
S.C.	-	183	199	3	67	43	-	3	-	-	74	-
Ga.	6	593	36	3	90	64	-	7	-	-	14	-
Fla.†	6	906	1,203	5	198	232	3	195	1	2	310	8
E.S. CENTRAL	-	290	1,437	1	175	197	81	1,639	1	1	311	8
Ky.	-	60	122	-	35	31	79	1,378	-	1	73	1
Tenn.	-	77	964	-	52	57	2	108	1	-	102	-
Ala.	-	129	102	1	41	52	-	28	-	-	44	5
Miss.	-	24	249	-	47	57	-	125	-	-	92	2
W.S. CENTRAL	7	960	1,454	2	365	339	10	1,475	4	-	274	25
Ark.	-	9	17	-	31	26	-	532	1	-	7	4
La.	-	259	385	2	129	149	-	37	-	-	30	4
Okla.	-	22	19	-	42	21	-	-	1	-	24	2
Tex.	7	670	1,033	-	163	143	10	906	2	-	213	15
MOUNTAIN	1	343	280	3	103	54	4	330	7	2	561	-
Mont.	-	56	108	1	16	7	-	13	-	-	73	-
Idaho	-	18	1	-	11	4	2	11	-	-	208	-
Wyo.	-	36	-	-	1	-	-	-	-	-	-	-
Colo.	-	72	50	2	10	3	-	117	1	-	68	-
N. Mex.	-	38	-	-	6	12	2	15	5	-	11	-
Ariz.†	-	83	57	-	37	15	-	64	1	1	153	-
Utah	1	20	44	-	9	6	-	96	-	1	45	-
Nev.	-	20	20	-	13	7	-	14	-	-	3	-
PACIFIC	19	2,395	1,659	8	355	317	12	991	2	10	2,375	6
Wash.†	10	1,163	433	4	73	54	-	249	1	-	220	-
Oreg.	-	66	562	1	29	39	-	118	-	-	127	-
Calif.†	6	1,078	654	2	236	209	12	490	1	10	2,003	6
Alaska	-	17	1	-	6	11	-	15	-	-	4	-
Hawaii	3	71	9	1	11	4	-	119	-	-	21	-
Guam	NA	12	26	-	1	2	NA	13	NA	NA	4	-
P.R.	NA	381	328	-	7	13	NA	604	NA	NA	39	11
V.I.	NA	6	6	-	3	1	NA	20	NA	NA	-	-
Pac. Trust Terr.	NA	8	650	-	1	3	NA	45	NA	NA	1	-

NA: Not available.

*Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

†Delayed reports: Measles: Fla. +7, Ariz. -3, Wash. +7, Calif. -38; Men. inf.: N.H. -1, Pa. -1, Ind. +2, Wash. +2, Calif. -5; Mumps: Wash. +12; Pertussis: Fla. +1; Rubella: Wash. +8, Calif. +8.

TABLE III (Cont. 'd'). Cases of specified notifiable diseases, United States, weeks ending
December 29, 1979, and December 30, 1978 (52nd week)

REPORTING AREA	TUBERCULOSIS		TULA- REMIA	TYPHOID FEVER		TYPHUS FEVER (Tick-borne) (RMSF)		VENEREAL DISEASES (Civilian)						RABIES (in Animals)		
								GONORRHEA		SYPHILIS (Pri. & Sec.)						
	1979	CUM. 1979		1979	CUM. 1979	1979	CUM. 1979	1979	CUM. 1979	CUM. 1978*	1979	CUM. 1979	CUM. 1978*		CUM. 1979	
UNITED STATES	512	27,818	193	4	499	7	1,067	16,012	998,795	1,017,045	453	25,012	21,651	4,897		
NEW ENGLAND	27	859	3	-	21	-	11	282	24,603	25,702	7	520	596	50		
Maine	-	56	-	-	1	-	-	17	1,730	2,100	-	10	10	30		
N.H.†	-	25	-	-	-	-	-	8	914	1,179	-	21	6	5		
Vt.	-	30	-	-	-	-	-	13	649	615	-	3	3	1		
Mass	19	471	3	-	13	-	6	141	9,748	11,248	-	276	370	10		
R.I.	3	80	-	-	2	-	-	39	1,954	1,920	1	20	29	2		
Conn.	5	197	-	-	5	-	4	64	9,608	8,640	6	190	178	2		
MID. ATLANTIC	53	4,255	1	-	99	6	62	1,575	110,442	111,481	58	3,823	2,977	69		
Upstate N.Y.	7	760	1	-	22	5	33	364	19,471	19,471	-	289	221	48		
N.Y. City	14	1,539	-	-	40	-	2	736	43,396	41,934	36	2,593	2,066	-		
N.J.†	7	836	-	-	24	-	5	195	19,268	20,495	3	484	367	5		
Pa.	25	1,120	-	-	13	1	22	280	28,307	29,581	19	457	323	16		
E.N. CENTRAL	47	4,132	1	1	33	-	59	2,045	156,097	160,893	36	3,065	2,478	449		
Ohio†	25	771	1	-	5	-	22	271	42,281	41,347	-	609	460	40		
Ind.	2	507	-	-	1	-	2	97	13,279	15,541	1	204	172	70		
Ill.	-	1,638	-	1	10	-	31	1,121	50,198	53,135	28	1,724	1,531	215		
Mich.	20	1,014	-	-	14	-	3	556	36,697	36,726	6	449	239	16		
Wis.†	-	202	-	-	3	-	1	NA	13,642	14,144	1	79	76	108		
W.N. CENTRAL	12	936	28	-	22	-	63	830	45,529	50,898	2	309	426	1,015		
Minn.	-	141	1	-	5	-	2	111	8,205	8,574	-	87	153	163		
Iowa	3	75	1	-	5	-	14	83	5,863	5,579	-	30	36	198		
Mo.	4	508	23	-	7	-	34	413	21,260	22,729	2	143	144	308		
N. Dak.	1	22	-	-	-	-	-	12	869	867	-	2	4	93		
S. Dak.	1	55	2	-	-	-	-	12	1,594	1,726	-	2	3	122		
Nebr.	3	30	1	-	1	-	5	80	3,594	3,653	-	7	15	3		
Kans.†	-	105	-	-	4	-	8	119	8,144	7,770	-	38	71	128		
S. ATLANTIC	111	6,155	11	1	47	1	600	3,282	240,545	245,841	72	5,889	5,665	670		
Del.	-	58	1	-	-	-	3	32	3,930	3,538	-	30	13	2		
Md.	15	724	-	-	6	-	75	495	29,622	31,585	3	392	437	33		
D.C.	-	301	-	-	1	-	2	324	16,155	16,487	1	450	422	-		
Va.	52	776	2	-	6	-	90	287	23,016	23,981	12	492	473	20		
W. Va.†	3	228	-	-	5	-	15	42	3,272	3,354	1	63	32	13		
N.C.	6	984	1	-	2	1	243	316	34,972	34,500	1	429	599	26		
S.C.	-	484	1	-	5	-	80	214	22,252	24,105	8	319	283	173		
Ga.	16	990	6	-	2	-	83	985	45,899	47,909	13	1,614	1,428	338		
Fla.	19	1,610	-	1	20	-	9	587	61,427	60,382	33	2,100	1,978	65		
E.S. CENTRAL	48	2,568	15	-	22	-	138	1,435	85,074	85,116	9	1,669	1,129	320		
Ky.	9	640	2	-	7	-	20	163	11,387	11,445	2	161	150	137		
Tenn.	22	744	13	-	7	-	75	546	30,854	31,069	3	685	385	109		
Ala.†	17	647	-	-	8	-	21	462	25,002	24,431	4	303	199	73		
Miss.	-	537	-	-	4	-	22	264	17,831	18,171	-	520	395	1		
W.S. CENTRAL	64	3,308	78	1	73	-	108	2,938	127,849	133,935	109	4,550	3,537	1,804		
Ark.	3	310	49	-	5	-	22	190	10,384	9,926	-	165	76	336		
La.	3	638	5	-	5	-	3	224	22,881	22,362	6	1,144	729	37		
Okla.	-	322	14	-	-	-	63	230	12,755	12,704	-	87	94	285		
Tex.	58	2,038	10	1	63	-	20	2,294	81,829	88,943	103	3,154	2,638	1,146		
MOUNTAIN	29	881	46	-	32	-	18	628	40,109	39,049	19	525	445	165		
Mont.†	2	37	14	-	-	-	5	5	1,938	2,199	-	9	8	8		
Idaho	1	20	3	-	4	-	3	23	1,783	1,603	-	26	13	8		
Wyo.†	-	14	-	-	1	-	-	-	1,116	983	-	5	1	11		
Colo.	10	145	12	-	15	-	4	248	10,787	10,837	4	114	123	51		
N. Mex.	6	151	3	-	4	-	2	37	4,865	5,523	1	95	88	52		
Ariz.	10	421	-	-	3	-	-	248	11,308	10,129	13	160	113	24		
Utah	-	38	12	-	3	-	1	27	2,013	2,112	-	5	14	11		
Nev.	-	55	2	-	2	-	3	21	6,299	5,663	1	111	77	-		
PACIFIC	121	4,724	10	1	150	-	8	2,997	164,547	164,130	141	4,658	4,398	355		
Wash.†	2	298	5	-	9	-	-	271	14,305	13,496	11	206	265	-		
Oreg.	1	187	2	-	5	-	-	75	10,341	11,234	3	166	173	15		
Calif.†	109	3,836	3	1	127	-	8	2,498	131,759	131,407	127	4,168	3,903	338		
Alaska	-	83	-	-	2	-	-	107	4,986	5,133	-	25	12	2		
Hawaii	9	320	-	-	7	-	-	46	3,156	2,860	-	93	45	-		
Guam	NA	58	-	NA	-	NA	-	NA	104	158	NA	-	1	-		
P.R.	NA	296	-	NA	6	NA	-	NA	2,092	2,171	NA	574	494	24		
V.I.†	NA	4	-	NA	1	NA	-	NA	156	224	NA	12	18	-		
Pac. Trust Terr.	NA	39	-	NA	-	NA	-	NA	430	429	NA	1	-	-		

NA: Not available.

*Delayed reports received for 1978 are not shown below but are used to update last year's weekly and cumulative totals.

†Delayed reports: TB: Ohio -7, Kans. -1, W.Va. +4, Ala. -2, Wyo. +1, Wash. +29, Calif. -112; Tularemia: Wash. +1; T. Fever: Ohio +1, N.J. -1, Wash. -1, Calif. -5; RMSF: Ohio +1, Calif. -1; GC: N.H. +2 mil., Wis. +323 civ., Mont. +32 civ., Wyo. +14 civ., Wash. +222 civ., +52 mil., Calif. -33 civ., V.I. +5 civ., Syphilis: W.Va. -10, Wash. +44, Calif. +1.

TABLE IV. Deaths in 121 U.S. cities,* week ending
December 29, 1979 (52nd week)

REPORTING AREA	ALL CAUSES, BY AGE (YEARS)					P & I** TOTAL	REPORTING AREA	ALL CAUSES, BY AGE (YEARS)					P & I** TOTAL
	ALL AGES	>65	45-64	25-44	<1			ALL AGES	>65	45-64	25-44	<1	
NEW ENGLAND	725	494	150	33	24	40	S. ATLANTIC	1,009	636	242	58	32	25
Boston, Mass.	198	136	34	10	12	9	Atlanta, Ga.	109	70	26	10	4	2
Bridgeport, Conn.	53	27	19	3	2	2	Baltimore, Md.	209	126	55	17	4	2
Cambridge, Mass.	28	19	7	2	-	3	Charlotte, N.C.	47	30	11	4	1	2
Fall River, Mass.	31	20	9	2	-	-	Jacksonville, Fla.	87	50	25	3	7	1
Hartford, Conn.	52	32	10	6	2	-	Miami, Fla.	73	48	9	3	7	3
Lowell, Mass.	38	26	10	-	-	3	Norfolk, Va.	42	24	13	1	3	1
Lynn, Mass.	14	11	2	1	-	-	Richmond, Va.	49	29	16	1	2	2
New Bedford, Mass.	34	27	5	-	-	-	Savannah, Ga.	41	30	5	1	1	3
New Haven, Conn.	57	38	13	-	2	1	St. Petersburg, Fla.	67	59	5	1	1	6
Providence, R.I.	55	39	13	-	2	8	Tampa, Fla.	63	43	16	1	-	2
Somerville, Mass.	11	9	2	-	1	2	Washington, D.C.	182	100	54	13	9	-
Springfield, Mass.	46	23	13	4	3	2	Wilmington, Del.	40	27	7	3	3	-
Waterbury, Conn.	36	29	5	1	-	2							
Worcester, Mass.	72	58	8	4	1	9							
MID. ATLANTIC	2,438	1,612	567	144	62	104	E.S. CENTRAL	527	311	151	42	9	19
Albany, N.Y.	60	36	16	1	2	1	Birmingham, Ala.	79	50	20	7	1	2
Allentown, Pa.	24	19	5	-	-	-	Chattanooga, Tenn.	50	31	15	4	-	3
Buffalo, N.Y.	117	76	35	4	-	6	Knoxville, Tenn.	35	20	7	2	2	-
Camden, N.J.	28	20	7	1	-	-	Louisville, Ky.	89	48	31	6	1	4
Elizabeth, N.J.	29	22	6	-	-	2	Memphis, Tenn.	123	73	33	12	-	2
Erie, Pa.†	29	18	5	2	3	-	Mobile, Ala.	53	34	15	3	-	2
Jersey City, N.J.	60	32	20	6	1	2	Montgomery, Ala.	25	17	4	1	3	2
Newark, N.J.	45	22	14	4	4	2	Nashville, Tenn.	73	38	26	7	2	-
N.Y. City, N.Y.	1,397	938	305	83	41	57	W.S. CENTRAL	1,033	612	262	77	36	30
Paterson, N.J.	25	13	6	2	3	-	Austin, Tex.	26	18	5	-	1	1
Philadelphia, Pa.†	170	102	48	15	2	7	Baton Rouge, La.	26	18	5	1	1	3
Pittsburgh, Pa.†	48	28	14	5	-	2	Corpus Christi, Tex.	27	20	4	1	2	3
Reading, Pa.	30	23	5	2	-	2	Dallas, Tex.	127	74	38	9	4	5
Rochester, N.Y.	134	96	27	6	1	11	El Paso, Tex.	86	54	22	4	5	6
Schenectady, N.Y.	24	19	4	1	-	2	Fort Worth, Tex.	49	28	14	6	-	2
Scranton, Pa.†	31	18	13	-	-	3	Houston, Tex.	306	167	85	27	6	4
Syracuse, N.Y.	89	55	22	9	2	2	Little Rock, Ark.	63	33	17	5	3	2
Trenton, N.J.	38	27	5	1	3	1	New Orleans, La.	106	63	26	10	6	7
Utica, N.Y.	26	23	3	-	-	2	San Antonio, Tex.	98	52	25	8	5	-
Yonkers, N.Y.	34	25	7	2	-	2	Shreveport, La.	46	32	14	-	-	6
							Tulsa, Okla.	73	53	7	6	3	-
E.N. CENTRAL	1,968	1,209	506	127	73	70	MOUNTAIN	607	375	136	33	23	28
Akron, Ohio	69	46	12	2	5	-	Albuquerque, N. Mex.††	64	37	15	5	2	7
Canton, Ohio	38	27	6	3	1	1	Colo. Springs, Colo.	34	26	4	-	1	5
Chicago, Ill.	527	320	133	47	17	16	Denver, Colo.	114	70	27	9	1	7
Cincinnati, Ohio	118	70	32	7	6	4	Las Vegas, Nev.	89	51	25	5	3	1
Cleveland, Ohio	166	96	48	9	7	4	Ogden, Utah	24	20	2	2	-	1
Columbus, Ohio	91	51	29	7	3	4	Phoenix, Ariz.	141	82	34	5	8	1
Dayton, Ohio	86	54	23	3	2	1	Pueblo, Colo.	24	16	7	1	-	1
Detroit, Mich.	242	144	72	15	9	7	Salt Lake City, Utah	50	27	12	2	5	-
Evansville, Ind.	44	24	17	1	1	5	Tucson, Ariz.	67	46	10	4	3	-
Fort Wayne, Ind.	31	22	6	-	2	3							
Gary, Ind.	19	7	4	6	1	-							
Grand Rapids, Mich.	60	41	13	3	1	4	PACIFIC	1,486	972	327	96	48	62
Indianapolis, Ind.	129	75	34	6	9	3	Berkeley, Calif.	20	18	-	2	-	5
Madison, Wis.	20	10	7	1	2	1	Fresno, Calif.	47	31	9	6	1	-
Milwaukee, Wis.	97	73	17	1	2	10	Glendale, Calif.	23	16	6	-	-	1
Peoria, Ill.	31	22	6	2	1	3	Honolulu, Hawaii	49	27	11	3	4	1
Rockford, Ill.	48	32	11	2	-	2	Long Beach, Calif.	60	38	15	3	2	15
South Bend, Ind.	30	17	7	3	1	1	Los Angeles, Calif.	400	259	81	36	12	5
Toledo, Ohio	70	45	17	4	2	-	Oakland, Calif.	81	50	19	7	3	-
Youngstown, Ohio	52	33	12	5	1	1	Pasadena, Calif.	20	13	5	2	-	-
							Portland, Oreg.	123	92	23	2	5	4
W.N. CENTRAL	673	437	145	23	40	15	Sacramento, Calif.	74	48	18	5	1	1
Des Moines, Iowa	43	23	14	1	1	-	San Diego, Calif.	99	57	28	3	8	7
Duluth, Minn.	18	10	5	1	2	1	San Francisco, Calif.	149	105	27	10	1	2
Kansas City, Kans.	26	19	5	1	-	-	San Jose, Calif.	136	92	40	9	3	7
Kansas City, Mo.††	116	74	25	4	9	2	Seattle, Wash.	118	76	28	5	4	6
Lincoln, Nebr.	13	6	6	1	-	2	Spokane, Wash.	31	18	7	1	4	5
Minneapolis, Minn.	65	43	11	4	5	2	Tacoma, Wash.	56	42	10	2	-	-
Omaha, Nebr.	92	57	24	7	7	1							
St. Louis, Mo.	153	111	28	4	6	1							
St. Paul, Minn.	54	39	8	-	3	1							
Wichita, Kans.	93	55	19	5	7	5							
TOTAL	10,466	6,658	2,486	633	347	402							

*Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

**Pneumonia and influenza

†Because of changes in reporting methods in these 4 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

††Data not available. Figures are estimates based on average percent of regional totals.

International Notes

Rift Valley Fever Studies — Egypt

Rift Valley Fever (RVF) was first reported in Egypt in 1977. This outbreak which occurred primarily in the Sharqiya Governorate north of Cairo, continued from October to December of 1977 and included at least 317 human cases. Livestock were found to be infected, primarily sheep. A second outbreak was reported in Egypt, first in Sharqiya in March 1978 and later in other areas of the north and south in the Nile River Valley. A clinical history from over 200 of the cases revealed that most cases were characterized by hemorrhagic manifestations, including subcutaneous hemorrhage, epistaxis, hemoptysis, melena, and hematuria. A small percentage of cases showed ocular manifestations, primarily retinal degeneration, and a small percentage showed encephalitic disease.

Laboratory confirmation by virus isolation was obtained for 64 of the human cases. Serologic investigations revealed a seropositivity rate of 26% in areas where the disease was recognized and 9% in areas where no human cases were reported. The serologic surveys suggest the outbreak may have been far more extensive than indicated by the number of recognized cases. RVF virus was also isolated from several mosquito pools.

Reported by the World Health Organization in the Weekly Epidemiological Record, Vol. 54, No. 38, September 21, 1979.

TABLE I. Summary — cases of specified notifiable diseases, United States
[Cumulative totals include revised and delayed reports through previous weeks.]

DISEASE	52nd WEEK ENDING		MEDIAN 1974-1978**	CUMULATIVE, FIRST 52 WEEKS		
	December 29, 1979	December 30, 1978*		December 29, 1979	December 30, 1978*	MEDIAN 1974-1978**
Aseptic meningitis	108	125	76	8,318	6,512	4,088
Brucellosis	6	6	6	183	172	222
Chickenpox	2,889	4,399	3,160	195,216	153,771	153,771
Diphtheria	—	2	2	65	76	148
Encephalitis: Primary (arthropod-borne & unsp.)	9	17	54	1,067	1,180	1,185
Post-infectious	—	7	4	233	234	251
Hepatitis, Viral: Type B	262	375	323	14,913	15,010	15,010
Type A	444	806	806	29,371	29,599	33,570
Type unspecified	216	269	180	10,852	8,795	8,340
Malaria	23	18	10	809	730	462
Measles (rubeola)	84	252	252	13,448	26,915	26,915
Meningococcal infections: Total	42	84	62	2,534	2,462	1,569
Civilian	42	83	62	2,522	2,434	1,548
Military	—	1	1	12	28	28
Mumps	178	425	425	13,899	16,777	38,147
Pertussis	28	32	32	1,394	2,065	1,757
Rubella (German measles)	36	172	138	11,633	18,269	16,210
Tetanus	1	8	4	75	85	85
Tuberculosis	512	800	629	27,818	29,365	30,332
Tularemia	1	5	5	193	139	142
Typhoid fever	4	7	9	499	524	405
Typhus fever, tick-borne (Rky. Mt. spotted)	7	8	8	1,067	1,050	910
Veneral diseases:						
Gonorrhea: Civilian	16,012	16,944	16,944	998,795	1,017,045	1,002,298
Military	468	174	294	27,616	25,626	26,386
Syphilis, primary & secondary: Civilian	6	270	343	25,012	21,651	21,651
Military	—	4	4	321	308	308
Rabies in animals	70	50	46	4,897	3,173	2,907

TABLE II. Notifiable diseases of low frequency, United States

	CUM. 1978		CUM. 1979
Anthrax	—	Poliomyelitis: Total (Pa. 1 (Non-pa.))	26
Botulism†	37	Paralytic	22
Cholera	1	Pyttacosis (Ala. 1)	100
Congenital rubella syndrome	48	Rabies in man	3
Leprosy (Calif. 1, Hawaii 1)	171	Trichinosis	134
Leptospirosis	55	Typhus fever, flea-borne (endemic, murine)	60
Plague†	10		

*Delayed reports received for calendar year 1978 are used to update last year's weekly and cumulative totals.

**Medians for gonorrhea and syphilis are based on data for 1976-1978.

†Delayed reports: Botulism: Wash. —1; Plague: Calif. +2.

Surveillance Summary

Human *Salmonella* Isolates — United States, 1978

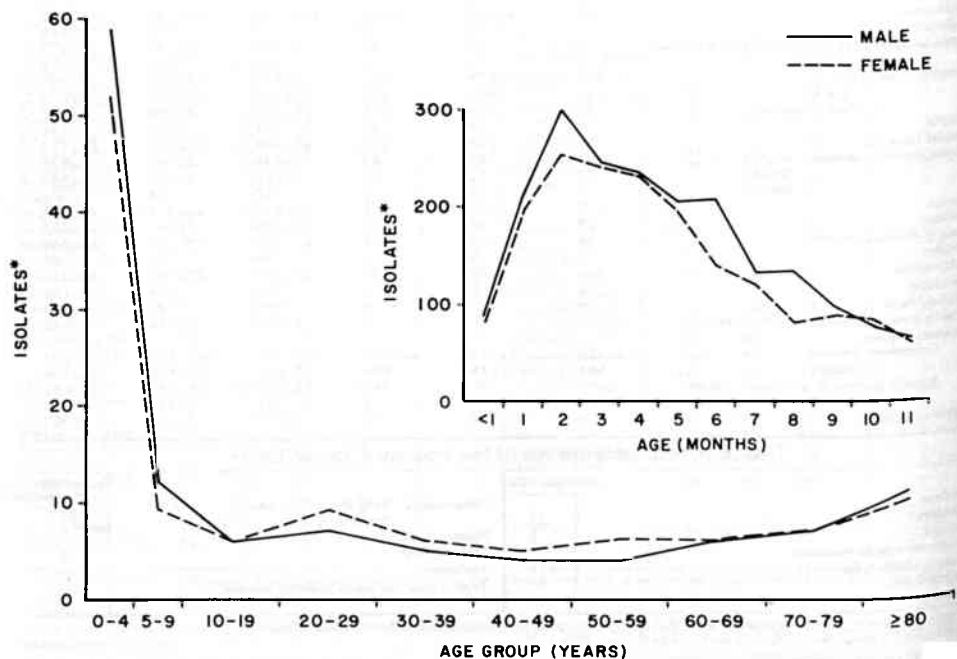
In 1978, 28,748 isolations of salmonellae (including *Salmonella typhi*) from humans were reported to CDC. This number represents an increase of approximately 5% over the previous year's total.

Increases in isolates in Massachusetts and Pennsylvania together accounted for almost three-fifths of the overall 5% increase; increases in *S. enteritidis* and *S. heidelberg* together accounted for almost three-fifths of the overall increase. Almost half of the increase in *S. enteritidis* isolates occurred in Massachusetts alone, while most of the remaining increase occurred in New York and California. The increase in *S. heidelberg* isolates was not confined to any particular state or region.

The age distribution of persons from whom isolates were obtained (Figure 3) followed a well-established pattern: the rate was highest for infants approximately 2 months of age, decreased rapidly through early childhood, and then held fairly constant from approximately age 6 through the adult years. Isolation rates for those under 20 were higher for males than for females, but for persons from 20 through 69 years old, females showed a slightly higher reported isolation rate (Figure 3).

The 10 most frequently isolated serotypes accounted for almost three-fourths of the total (Table 1). The variation in median age of persons from whom a particular serotype was isolated may indicate differences in the vehicles, the infectious dose, or other variables. For most serotypes, the median age of infected patients has been consistent

FIGURE 3. *Salmonella* attack rates, by age, United States, 1978



*Per 100,000 population

Salmonella — Continued

for the 13 years during which surveillance records have been maintained. Of the 604 isolates of *S. typhi*, 32 were obtained from carriers, 188 from infected patients, and the rest were undesignated. The median age of the carriers was 71 years; of the infected patients, 29 years; and of the unspecified, 27 years.

Reported by Statistical Services Br and Enteric Diseases Br, Bacterial Diseases Div, Bur of Epidemiology, CDC.

▲A copy of the report from which these data were derived is available on request from CDC, Attn: Enteric Diseases Branch, Bureau of Epidemiology, Atlanta, Ga. 30333.

TABLE 1. The 10 most frequently isolated serotypes of non-typhoid *Salmonella*, United States, 1978

Serotype	Number	Percent	Median age (years)
<i>S. typhimurium</i> *	10,015	34.8	10
<i>S. heidelberg</i>	2,078	7.2	3
<i>S. enteritidis</i>	1,934	6.7	18
<i>S. newport</i>	1,879	6.5	16
<i>S. infantis</i>	1,225	4.3	6
<i>S. agona</i>	1,186	4.1	5
<i>S. montevideo</i>	703	2.4	15
<i>S. typhi</i>	604	2.1	29
<i>S. saint-paul</i>	602	2.1	17
<i>S. javiana</i>	528	1.8	9
Subtotal	20,754	72.2	11
Others	7,994	27.8	
Total	28,748	100.0	10

*Includes *S. typhimurium* var. *copenhagen*.

Current Trends**Influenza — United States, Worldwide**

During November and December 1979, influenza A(H3N2) virus strains were isolated in 4 countries from patients with sporadic illnesses or in outbreaks. In November, 6 strains reportedly similar to A/Texas/1/77 (H3N2) were isolated in the USSR during an outbreak of respiratory illness that occurred in boarding school students. An H3N2 virus was isolated in Australia from a 2-year-old Vietnamese refugee who had recently arrived from Malaysia. In the last week of December, 1 influenza isolate similar to A/Texas/1/77 was obtained from a 6-month-old baby in northwestern England. This infant had no recognized recent contact with anyone from outside the country. On December 18 an influenza A(H3N2) virus was obtained from a 23-month-old boy with a febrile respiratory illness in Los Angeles; this child had no known contact with persons from outside the United States.

In October and November, 14 strains of influenza A(H1N1) virus were isolated in the USSR from patients between 1 and 50 years of age with sporadic illnesses.

In the past 4 months, influenza B virus isolations have been reported only from the United States. In addition to influenza B infections reported earlier from Arizona, California, Illinois, and Wisconsin (7), influenza B viruses have been isolated from patients with sporadic illnesses in 3 states and from patients in an outbreak in a fourth state. Influenza B was isolated from a patient in Delaware who was ill in mid-November; a 4-year-old boy in New Jersey with illness onset December 1, 1979; a 3-year-old child

Influenza — Continued

in Colorado with illness onset December 15; and a 17-year-old girl in Utah whose father and 2 of her 4 siblings also had influenza-like illnesses during the first 2 weeks of December. In the week ending December 14, influenza B isolates were obtained in Oregon from scattered outbreaks of respiratory illness in schools, where absenteeism reached 30%. A second isolate of influenza B has also been reported from Los Angeles; virus was recovered from a respiratory-tract culture taken December 12 from an 11-year-old boy hospitalized with a febrile respiratory illness and myositis.

Reported in the Weekly Epidemiologic Record Vol. 54, Nos. 44, 45, 50, 51/52, 1979; Australia Communicable Diseases Intelligence Bull, No. 79/24, December 7, 1979; and reported by J Cherry, MD, Dept of Pediatric Infectious Diseases, University of California at Los Angeles; J Googins, MD, State Epidemiologist, Oregon Dept of Human Resources; E Tierkel, VMD, State Epidemiologist, Delaware Dept of Health and Social Services; P Gross, MD, Infectious Disease Section, Hackensack Hospital, Hackensack, NJ; R Altman, MD, State Epidemiologist, New Jersey State Dept of Health; G Meiklejohn, MD, University of Colorado Medical Center, Denver; A Flinders, MD, MPH, Utah County Health Dept, Provo, Utah; M Kehrberg, MD, Acting State Epidemiologist, Utah State Dept of Health; WHO Collaborating Center for Influenza, Virology Div, Bur of Laboratories, Immunization Div, Bur of State Services, CDC.

Reference

1. MMWR 28:602, 1979

Notice to Readers

Although this issue is the last weekly issue of Volume 28 of the MMWR, there are 3 supplements forthcoming. A special supplement, "Recommendations for Initial Management of Suspected or Confirmed Cases of Lassa Fever," will be mailed in early January. In early February, the yearly index will appear. Finally, the Annual Supplement Summary, "Reported Morbidity and Mortality in the United States, 1979," will be issued in mid-1980.

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