

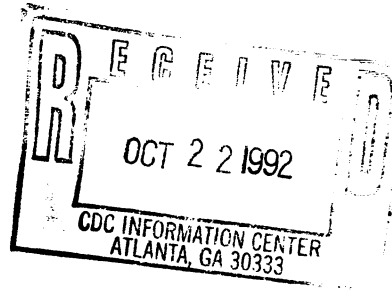
M M W R

MORBIDITY AND MORTALITY WEEKLY REPORT

- 1 Summaries of Notifiable Diseases in the United States, 1991
- 13 Graphs and Maps for Selected Notifiable Diseases in the United States
- 55 Historical Summary Tables Covering the Period 1942-1991

Summary of Notifiable Diseases, United States

1991



U.S. Department of Health and Human Services
Public Health Service
Centers for Disease Control
Epidemiology Program Office
Atlanta, Georgia 30333



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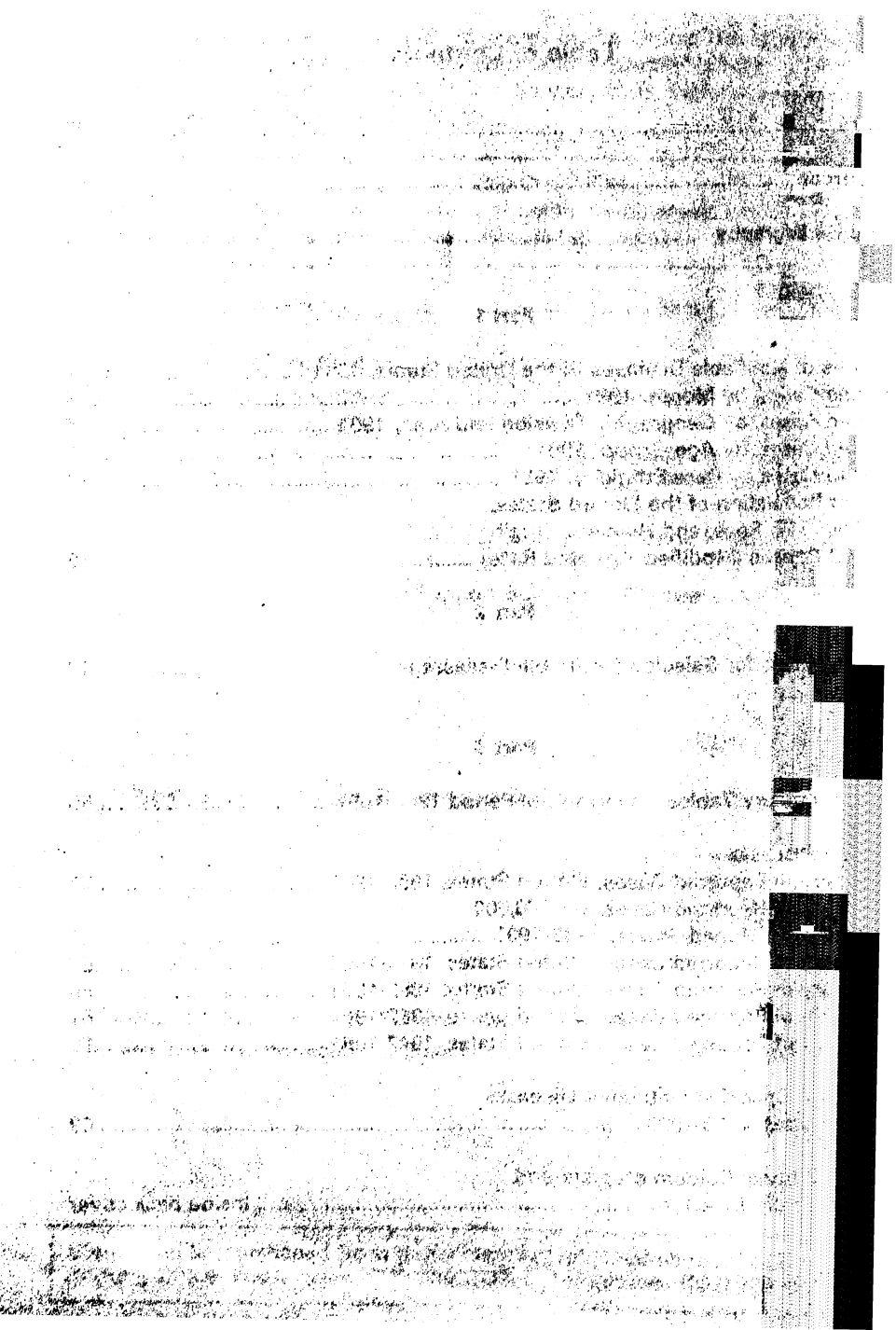
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Foreword

MMWR Summary of Notifiable Diseases, United States, 1991

This publication contains summary tables of the official statistics for calendar year 1991 on the occurrence of notifiable diseases in the United States. This information is collected and compiled from reports to the National Notifiable Diseases Surveillance System (NNDSS).

Part 1 contains information on morbidity for each of the 49 currently notifiable conditions. Lyme disease and *Haemophilus influenzae* (invasive disease) have been added to the list of notifiable conditions for 1991. In all tables, leprosy is listed as Hansen disease; typhus fever, flea-borne, as murine typhus fever; and, typhus fever, tick-borne, as Rocky Mountain spotted fever (RMSF). The tables show the number of cases of notifiable diseases reported to the Centers for Disease Control (CDC) for 1991, as well as the distribution of cases by month, geographic location, patient's age, and race/ethnicity.

Part 2 contains graphs and maps depicting summary data for many of the notifiable conditions described in tabular form in Part I.

Part 3 includes tables showing the number of notifiable diseases reported to CDC and to the National Office of Vital Statistics since 1942. It also includes a table of deaths associated with specified notifiable diseases reported to the National Center for Health Statistics, CDC, for the period 1980-1989.

Data Sources

Data on the reported occurrence of notifiable diseases are routinely published in the *MMWR* and compiled in final form in this summary from electronic data transmitted by the state and territorial departments of health through the National Electronic Telecommunications System for Surveillance (NETSS).

Notifiable disease reports published in the *MMWR* are the authoritative and archival counts of cases. Data from surveillance records for selected diseases, which are useful for detailed epidemiologic analyses, are published on a periodic basis. Data appearing in those surveillance reports may not agree exactly with reports published by the *MMWR* because of differences in timing of reports or because of refinements in case definition.

The Epidemiology Program Office gratefully acknowledges the CDC units listed below for their contributions of statistical data from surveillance program records. Requests for further information regarding these data should be directed to the appropriate source.

National Center for Infectious Diseases

Division of Bacterial and Mycotic Diseases (cholera and toxic-shock syndrome)

Division of HIV/AIDS (human immunodeficiency virus/acquired immunodeficiency syndrome)

Division of Vector-Borne Infectious Diseases (arboviral infections of the central nervous system and plague)

Division of Viral and Rickettsial Diseases (animal rabies)

National Center for Prevention Services

Division of Quarantine (cholera and plague)

Division of Tuberculosis Elimination (tuberculosis)

Division of Sexually Transmitted Diseases and HIV Prevention (gonorrhea, syphilis, chancroid,

granuloma inguinale, and lymphogranuloma venereum)

National Center for Health Statistics

Division of Vital Statistics (deaths from selected notifiable diseases)

Totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the Virgin Islands, and the Commonwealth of the Northern Mariana Islands (CNMI).

Data on notifiable diseases before 1960 are obtained from publications of the National Office of Vital Statistics.

Population estimates for states are from the July 1, 1991, estimates by the U.S. Bureau of the Census, Population Division, Population Estimates Branch, Press Release CB91-346. Resident population, by age, sex, race, and Hispanic origin, April 1, 1990, are from Bureau of the Census, *1990 Census of Population, CPH-L-74*.

Population estimates for territories are from the 1990 census, U.S. Bureau of the Census, Press Releases CB91-142, 242, 243, 263, and 276.

Population data from states in which diseases were not notifiable or not available were excluded from rate calculation. Rates in the *1991 Summary of Notifiable Diseases* were based on data for the U.S. total resident population.

Interpreting Data

Data in this summary should be interpreted with caution. Some diseases such as plague and rabies that cause severe clinical illness and are associated with serious consequences probably are reported quite accurately. However, diseases such as salmonellosis and mumps that are clinically mild and infrequently associated with serious consequences are less likely to be reported. Additionally, subclinical cases are seldom detected except in the course of special studies. The degree of completeness of reporting is also influenced by the diagnostic facilities available, the control measures in effect, and the interests and priorities of state and local officials responsible for disease control and surveillance. Finally, factors such as the introduction of new diagnostic tests and the discovery of new disease entities may cause changes in disease reporting independent of the true incidence of disease. Despite these limitations, the data in this report have proven to be useful in analyzing trends.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available	NA
No reported cases	—
Report of disease not required by state health department (not notifiable)	NN

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Typhoid Fever

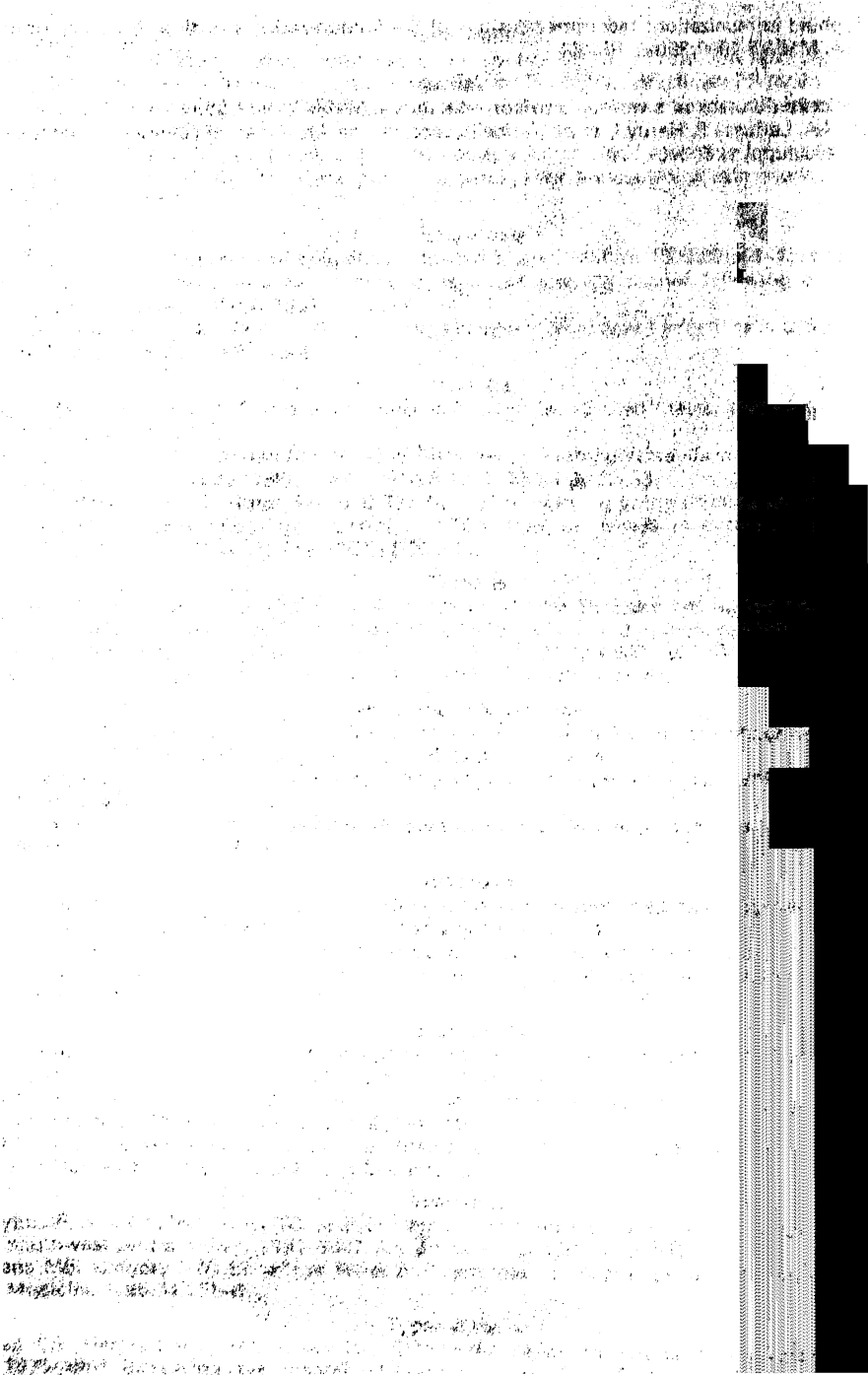
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PART 1:

Summaries of Notifiable Diseases in the United States

RA

1911

1912

1913

NOTIFIABLE DISEASES—Summary of reported cases, by month, 1991

Disease	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
AIDS*	43,672	2,895	3,498	3,964	2,995	4,089	3,582	4,095	4,571	3,841	3,575	3,209	3,358	—
Amebiasis	2,989	168	273	289	244	245	285	226	237	310	234	244	234	—
Aseptic meningitis	14,526	395	441	511	465	596	1,245	1,658	3,052	2,470	1,707	1,203	783	—
Botulism, total [†]	114	6	3	11	2	8	12	18	12	10	18	8	6	—
Brucellosis	104	7	8	6	7	14	7	13	13	5	13	5	6	—
Chancroid [‡]	3,476	—	1,269	—	—	736	—	—	587	—	—	884	—	—
Cholera	26	—	—	—	9	3	4	1	2	3	—	1	3	—
Diphtheria	5	1	—	—	—	—	—	—	1	1	—	—	2	—
Encephalitis, primary	1,021	35	44	65	58	61	89	110	182	126	101	67	83	—
Encephalitis, post-infectious	82	2	4	10	7	7	12	8	9	3	2	6	12	—
Gonorrhea [‡]	620,478	—	147,383	—	—	143,513	—	—	169,657	—	—	159,925	—	—
Granuloma inguinale [‡]	29	—	12	—	—	6	—	—	9	—	—	2	—	—
<i>Haemophilus influenzae</i>	2,764	316	320	378	278	226	287	156	199	116	130	148	210	—
Hansen disease	154	14	5	15	11	12	21	11	21	4	11	19	10	—
Hepatitis A	24,378	2,063	2,336	2,808	2,132	1,759	2,017	1,721	1,926	1,906	1,724	2,060	1,926	—
Hepatitis B	18,003	1,059	1,346	1,725	1,435	1,357	1,590	1,355	1,777	1,406	1,404	1,690	1,859	—
Hepatitis, non-A non-B	3,582	186	214	299	275	252	361	241	344	273	229	419	489	—
Hepatitis, unspecified	1,260	101	141	154	121	105	106	79	82	83	81	99	108	—
Legionellosis	1,317	81	95	108	97	96	115	69	135	115	128	134	144	—
Leptospirosis	58	2	3	6	5	4	6	9	4	4	3	5	7	—
Lyme disease	9,465	363	252	1,259	307	325	1,140	1,231	1,186	1,162	708	640	878	14
Lymphogranuloma venereum [‡]	471	—	107	—	—	126	—	—	109	—	—	129	—	—
Malaria	1,278	70	90	100	80	83	110	100	188	135	109	107	106	—
Measles (rubeola)	9,643	596	938	1,595	1,069	1,043	1,552	565	334	280	150	135	1,386	—
Meningococcal infections	2,130	139	208	286	199	200	228	125	141	98	97	162	247	—
Mumps	4,264	231	280	528	521	592	366	241	241	217	200	509	338	—
Murine typhus fever	43	2	1	5	6	2	7	5	1	3	5	3	3	—
Pertussis	2,719	118	245	201	176	182	223	238	364	278	246	202	246	—
Plague	11	—	—	—	—	—	—	—	3	5	—	2	1	—
Poliomyelitis, paralytic [‡]	6	—	—	1	—	—	—	1	1	2	1	—	—	—
Psittacosis	94	2	6	15	4	16	11	2	3	6	6	12	11	—
Rabies, animal	6,910	328	341	509	653	701	602	662	700	642	737	511	524	—
Rabies, human	3	—	—	—	—	—	—	—	1	1	1	—	—	—
Rheumatic fever	127	4	9	16	11	8	34	6	—	6	2	6	25	—
Rocky Mountain spotted fever	628	6	5	1	8	32	97	109	142	92	69	32	35	—
Rubella (German measles)	1,401	37	44	148	170	549	101	42	43	183	15	31	38	—
Rubella, congenital syndrome	47	3	2	4	2	2	—	—	2	2	5	9	16	—
Salmonellosis	48,154	2,133	2,251	2,664	2,339	2,984	4,447	4,843	6,165	6,613	5,036	4,821	3,858	—
Shigellosis	23,548	1,279	1,162	1,506	1,342	1,632	1,991	2,043	3,342	2,996	2,159	2,188	1,908	—
Syphilis, total all stages [‡]	128,569	—	32,932	—	—	33,379	—	—	31,112	—	—	31,146	—	—
Primary and secondary [‡]	42,935	—	11,084	—	—	11,011	—	—	10,578	—	—	10,262	—	—
Congenital <1 year [‡]	4,322	—	947	—	—	1,114	—	—	808	—	—	1,453	—	—
Tetanus	57	—	—	1	6	6	1	7	12	7	4	6	7	—
Toxic-shock syndrome	280	23	42	25	23	30	27	17	17	13	22	12	29	—
Trichinosis	62	2	6	37	1	—	2	1	7	1	1	—	4	—
Tuberculosis	26,283	1,163	1,642	2,023	1,888	2,287	2,163	2,202	2,280	1,863	2,239	2,205	4,328	—
Tularemia	193	2	2	13	4	6	34	21	31	31	25	10	14	—
Typhoid fever	501	31	29	29	29	24	48	55	62	54	66	43	31	—
Varicella (chickenpox)	147,076	15,319	17,247	20,883	19,901	25,826	15,256	4,462	1,739	1,548	3,509	6,809	11,209	3,368

*AIDS total updated through December 31, 1991.

[†]Includes wound and unspecified botulism.

[‡]Cases updated through February 28, 1992.

[‡]Subject to change due to retrospective case evaluations or late reports.

SUMMARY TABLES – 1991

NOTIFIABLE DISEASES – Reported cases, by geographic division and area, United States, 1991

Area	Total resident population (in thousands)	AIDS	Amebiasis	Aseptic meningitis	Botulism			Brucellosis
					Foodborne	Infant	Other	
United States	252,177	43,672*	2,989	14,526	27	81	6[†]	104
New England	13,197	1,744	122	1,526	–	1	–	2
Maine	1,235	49	21	160	–	–	–	–
N.H.	1,105	51	5	161	–	–	–	–
Vt.	567	17	1	230	–	–	–	–
Mass.	5,996	970	66	528	–	1	–	–
R.I.	1,004	93	–	447	–	–	–	1
Conn.	3,291	564	29	NN	–	–	–	1
Mid. Atlantic	37,779	11,691	567	2,770	–	11	1	3
N.Y.(excl.NYC)	10,735	1,525	69	1,383	–	1	–	2
N.Y.C.	7,323	6,639	438	426	–	2	1	–
N.J.	7,760	2,305	32	NN	–	2	–	1
Pa.	11,961	1,222	28	961	–	6	–	–
E.N. Central	42,414	3,304	178	2,855	2	1	1	9
Ohio	10,939	600	24	1,000	–	1	1	–
Ind.	5,610	315	16	250	–	–	–	–
Ill.	11,543	1,591	36	599	1	–	–	8
Mich.	9,368	584	38	850	–	–	–	–
Wis.	4,955	214	64	156	1	–	–	1
W.N. Central	17,811	1,124	122	719	–	–	–	4
Minn.	4,432	216	64	142	–	–	–	–
Iowa	2,795	82	28	172	–	–	–	–
Mo.	5,158	655	25	277	–	–	–	3
N. Dak.	635	4	1	12	–	–	–	–
S. Dak.	703	3	NN	12	–	–	–	–
Nebr.	1,593	63	3	31	–	–	–	–
Kans.	2,495	101	1	73	–	–	1	–
S. Atlantic	44,421	10,440	173	2,656	–	2	1	12
Del.	680	88	–	73	–	–	–	–
Md.	4,860	977	12	331	–	–	–	–
D.C.	598	727	1	78	–	–	–	–
Va.	6,286	680	31	463	–	1	–	2
W. Va.	1,801	62	2	57	–	–	–	–
N.C.	6,737	590	16	341	–	–	–	5
S.C.	3,560	331	NN	41	–	–	–	1
Ga.	6,623	1,434	99	349	–	–	–	2
Fla.	13,277	5,551	12	923	–	–	1	2
E.S. Central	15,347	1,089	35	843	1	3	–	–
Ky.	3,713	166	11	200	–	–	–	–
Tenn.	4,953	350	NN	264	1	2	–	–
Ala.	4,089	374	12	279	–	–	–	–
Miss.	2,592	199	12	100	–	1	–	–
W.S. Central	27,147	4,232	102	1,471	–	5	–	40
Ark.	2,372	196	2	45	–	–	–	2
La.	4,252	757	1	141	–	–	–	–
Okla.	3,175	192	13	10	–	1	–	2
Tex.	17,349	3,087	86	1,275	–	4	–	36
Mountain	14,035	1,307	131	278	2	2	–	3
Mont.	808	30	1	18	–	–	–	–
Idaho	1,039	32	7	NN	–	–	–	–
Wyo.	460	17	1	1	–	–	–	–
Colo.	3,377	435	31	117	2	–	–	2
N. Mex.	1,548	111	15	20	–	–	–	–
Ariz.	3,750	283	67	73	–	–	–	–
Utah	1,770	135	2	13	–	1	–	–
Nev.	1,284	264	7	36	–	1	–	1
Pacific	40,025	8,741	1,559	1,408	22	56	2	31
Wash.	5,018	556	36	NN	–	3	–	3
Oreg.	2,922	257	91	NN	–	4	–	1
Calif.	30,380	7,709	1,419	1,301	1	49	2	27
Alaska	570	19	7	47	21	–	–	–
Hawaii	1,135	200	6	60	–	–	–	–
Guam	133	3	1	5	–	–	–	–
P.R.	3,522	1,810	2	292	–	–	–	2
V.I.	102	21	–	–	–	–	–	–
C.N.M.I.	43	–	31	–	–	–	–	–
American Samoa	47	–	–	–	–	–	–	–

NOTE: No cases of anthrax were reported for 1991.

*Total reported through December 31, 1991.

[†]Includes wound and unspecified botulism.

NOTIFIABLE DISEASES – Reported cases, by geographic division and area, United States, 1991 (continued)

Area	Encephalitis									
	Chancroid	Cholera	Diphtheria	Primary infections	Post-infectious	Gonorrhoea	Granuloma inguinale	<i>Haemophilus influenzae</i>	Hansen disease*	
United States	3,476[†]	26	5	1,021	82	620,478[†]	29[†]	2,764	154	
New England	5	–	–	37	2	14,467	–	116	6	
Maine	–	–	–	3	–	164	–	5	–	
N.H.	–	–	–	9	–	324	–	8	–	
Vt.	–	–	–	5	–	54	–	8	–	
Mass.	2	–	–	17	2	6,013	–	73	5	
R.I.	–	–	–	1	–	1,305	–	4	–	
Conn.	3	–	–	2	–	6,607	–	18	1	
Mid. Atlantic	1,231	15	–	74	14	78,805	1	205	18	
N.Y.(excl.NYC)	7	–	–	38	7	14,699	–	80	–	
N.Y.C.	1,220	5	–	3	3	29,209	1	54	16	
N.J.	4	10	–	–	–	10,576	–	38	2	
Pa.	–	–	–	33	4	24,321	–	33	–	
E.N. Central	31	–	–	284	7	114,520	2	502	6	
Ohio	7	–	–	88	2	35,468	–	255	1	
Ind.	2	–	–	20	–	11,387	–	48	–	
Ill.	22	–	–	103	5	33,993	–	97	5	
Mich.	–	–	–	60	–	26,559	2	73	–	
Wis.	–	–	–	13	–	7,113	–	29	–	
W.N. Central	27	1	–	71	8	29,424	1	203	–	
Minn.	–	1	–	39	–	3,097	–	63	–	
Iowa	–	–	–	–	4	1,962	–	–	–	
Mo.	22	–	–	18	4	17,518	1	81	–	
N. Dak.	–	–	–	2	–	83	–	7	–	
S. Dak.	–	–	–	4	–	349	–	8	–	
Nebr.	–	–	–	2	–	1,777	–	18	–	
Kans.	5	–	–	6	–	4,638	–	26	–	
S. Atlantic	541	6	–	181	38	180,818	2	636	13	
Del.	3	–	–	5	–	3,065	–	3	–	
Md.	1	4	–	25	1	21,831	–	40	5	
D.C.	1	–	–	2	–	9,794	1	5	–	
Va.	17	–	–	48	3	18,171	–	62	–	
W. Va.	–	–	–	34	–	1,245	–	21	–	
N.C.	25	–	–	35	–	34,005	–	168	–	
S.C.	–	–	–	–	–	14,232	–	77	–	
Ga.	76	1	–	10	–	43,075	–	137	–	
Fla.	418	1	–	22	34	35,400	1	123	8	
E.S. Central	72	–	–	50	–	62,593	–	149	–	
Ky.	2	–	–	16	–	5,917	–	47	–	
Tenn.	70	–	–	22	–	21,212	–	36	–	
Ala.	–	–	–	11	–	20,878	–	38	–	
Miss.	–	–	–	1	–	14,586	–	28	–	
W.S. Central	1,508	1	–	181	4	73,118	19	267	39	
Ark.	–	–	–	38	–	7,262	–	16	–	
La.	235	–	–	18	–	14,751	2	22	1	
Okla.	–	–	–	6	2	6,924	–	77	–	
Tex.	1,273	1	–	119	2	44,181	17	152	38	
Mountain	8	–	1	21	3	13,195	1	154	4	
Mont.	–	–	–	1	–	122	1	7	–	
Idaho	–	–	–	–	–	173	–	10	–	
Wyo.	–	–	–	–	–	87	–	18	1	
Colo.	–	–	–	8	1	3,900	–	26	–	
N. Mex.	–	–	1	1	–	1,120	–	25	–	
Ariz.	8	–	–	11	2	4,867	–	26	2	
Utah	–	–	–	–	–	335	–	20	–	
Nev.	–	–	–	–	–	2,591	–	22	1	
Pacific	53	3	4	122	6	53,538	3	532	68	
Wash.	3	–	–	11	1	4,763	2	51	6	
Oreg.	–	–	–	–	–	2,172	–	–	–	
Calif.	50	1	4	108	5	44,883	1	454	48	
Alaska	–	–	–	2	–	895	–	10	–	
Hawaii	–	2	–	1	–	825	–	17	14	
Guam	1	–	–	–	–	214	–	–	5	
P.R.	4	–	–	2	4	688	–	15	3	
V.I.	14	–	–	–	–	311	–	–	1	
C.N.M.I.	–	–	–	–	–	–	–	–	2	
American Samoa	–	–	–	–	–	–	–	–	2	

*Leprosy.

[†]Cases updated through February 28, 1992.

SUMMARY TABLES – 1991

NOTIFIABLE DISEASES – Reported cases, by geographic division and area, United States, 1991 (continued)

Area	Hepatitis A	Hepatitis B	Hepatitis non-A, non-B	Hepatitis unsp.	Legionellosis	Leptospirosis	Lyme disease	Lymphogranuloma venereum	Malaria
United States	24,378	18,003	3,582	1,260	1,317	58	9,465	471*	1,278
New England	591	847	66	31	87	2	1,659	11	78
Maine	24	31	5	—	6	1	15	—	1
N.H.	26	36	8	—	10	—	38	—	2
Vt.	24	19	7	1	4	—	7	—	4
Mass.	288	544	31	28	61	—	265	11	33
R.I.	107	27	12	2	6	—	142	—	9
Conn.	122	190	3	—	NN	1	1,192	—	29
Mid. Atlantic	2,934	1,986	396	19	362	2	5,577	123	269
N.Y.(excl.NYC)	919	602	228	7	133	2	3,807	—	60
N.Y.C.	1,283	440	20	2	82	—	137	120	133
N.J.	309	446	104	—	36	—	915	3	61
Pa.	423	498	44	10	111	—	718	—	15
E.N. Central	3,281	2,147	532	108	291	8	649	33	104
Ohio	363	405	168	20	125	1	112	17	20
Ind.	446	233	17	2	22	—	16	7	5
Ill.	1,404	418	102	17	36	6	51	5	43
Mich.	287	613	145	69	51	1	46	4	29
Wis.	781	478	100	—	57	—	424	—	7
W.N. Central	2,423	801	84	26	59	5	363	2	46
Minn.	482	101	16	1	14	—	84	—	17
Iowa	48	42	10	4	12	—	22	—	7
Mo.	653	549	31	15	15	4	207	2	9
N. Dak.	66	2	5	2	1	—	2	—	2
S. Dak.	837	9	1	—	2	—	1	—	2
Nebr.	247	40	1	—	11	—	25	—	1
Kans.	90	58	20	4	4	1	22	—	8
S. Atlantic	1,874	3,657	672	239	201	2	697	225	237
Del.	14	57	5	2	3	—	73	1	3
Md.	273	388	49	18	34	—	282	6	62
D.C.	77	157	242	1	10	—	5	22	14
Va.	191	220	37	138	17	—	151	83	52
W. Va.	22	65	4	23	4	—	43	1	3
N.C.	163	562	114	—	27	—	73	4	15
S.C.	41	667	26	4	39	1	10	—	10
Ga.	243	590	102	1	24	—	25	52	24
Fla.	850	951	93	52	43	1	35	56	54
E.S. Central	301	1,482	556	4	58	3	100	16	20
Ky.	71	194	7	2	18	—	44	—	2
Tenn.	153	1,043	512	—	19	2	35	16	11
Ala.	44	170	26	1	17	—	13	—	7
Miss.	33	75	11	1	4	1	8	—	—
W.S. Central	3,344	2,676	298	295	66	1	123	28	111
Ark.	259	154	8	9	11	—	31	—	11
La.	138	361	100	10	10	1	6	12	17
Okla.	284	203	46	16	22	—	29	—	8
Tex.	2,663	1,958	144	260	23	—	57	16	75
Mountain	3,392	939	243	141	88	—	25	7	47
Mont.	82	70	33	4	7	—	—	—	1
Idaho	99	74	8	2	5	—	2	—	3
Wyo.	135	33	19	—	1	—	11	—	—
Colo.	679	143	86	29	18	—	1	—	15
N. Mex.	687	203	22	29	3	—	3	—	5
Ariz.	1,109	178	20	60	32	—	1	6	16
Utah	290	45	25	16	11	—	2	1	5
Nev.	311	193	30	1	11	—	5	—	2
Pacific	6,238	3,468	735	397	105	35	272	26	366
Wash.	608	470	165	21	15	—	7	2	29
Oreg.	449	308	132	16	3	1	NN	1	12
Calif.	5,016	2,615	409	359	84	1	265	23	321
Alaska	96	41	13	1	—	—	—	—	—
Hawaii	69	34	16	—	3	33	—	—	4
Guam	6	3	—	4	—	—	—	—	3
P.R.	137	580	352	27	—	3	—	—	3
V.I.	2	8	1	—	—	—	—	—	2
C.N.M.I.	7	7	—	1	—	—	—	—	1
American Samoa	6	—	—	2	—	1	—	—	—

*Cases updated through February 28, 1992.

NOTIFIABLE DISEASES — Reported cases, by geographic division and area, United States, 1991 (continued)

Area	Measles		Meningo- coccal infections	Mumps	Murine typhus fever	Pertussis	Plague	Poli- myelitis, paralytic
	Indigenous	Imported						
United States	9,411	232*	2,130	4,264	43	2,719	11	6†
New England	71	17	161	31	—	308	—	—
Maine	6	1	14	—	—	54	—	—
N.H.	—	—	12	6	—	17	—	—
Vt.	5	—	16	4	—	5	—	—
Mass.	32	11	89	3	—	207	—	—
R.I.	4	—	4	4	—	—	—	—
Conn.	24	5	26	14	—	25	—	—
Mid. Atlantic	4,858	14	224	300	2	280	—	—
N.Y. (excl. NYC)	393	4	113	111	2	177	—	—
N.Y.C.	1,904	5	30	14	—	22	—	—
N.J.	1,116	2	43	43	—	15	—	—
Pa.	1,445	3	38	132	—	66	—	—
E.N. Central	76	21	354	439	4	406	—	2
Ohio	4	7	101	112	2	106	—	—
Ind.	1	5	39	7	1	66	—	1
Ill.	26	2	102	166	1	74	—	—
Mich.	43	—	76	121	—	37	—	—
Wis.	2	7	36	33	—	123	—	1
W.N. Central	42	17	120	129	—	234	—	1
Minn.	11	16	27	21	—	96	—	—
Iowa	17	—	15	24	—	26	—	1
Mo.	—	1	37	40	—	83	—	—
N. Dak.	—	—	2	2	—	4	—	—
S. Dak.	—	—	3	2	—	4	—	—
Nebr.	1	—	10	9	—	9	—	—
Kans.	13	—	26	31	—	12	—	—
S. Atlantic	712	26	383	1,638	3	267	—	1
Del.	19	—	5	7	—	—	—	—
Md.	174	4	35	249	—	61	—	1
D.C.	—	—	18	24	—	2	—	—
Va.	25	5	39	70	1	24	—	—
W. Va.	—	—	14	30	—	9	—	—
N.C.	40	4	58	269	—	41	—	—
S.C.	13	—	32	402	—	15	—	—
Ga.	10	5	91	87	2	56	—	—
Fla.	431	8	91	500	—	59	—	—
E.S. Central	70	4	142	227	1	93	—	—
Ky.	64	1	49	—	—	—	—	—
Tenn.	5	1	43	189	1	38	—	—
Ala.	1	2	40	15	—	49	—	—
Miss.	—	—	10	23	—	6	—	—
W.S. Central	284	15	172	462	22	223	1	—
Ark.	—	5	25	46	—	17	—	—
La.	—	—	34	37	—	14	—	—
Okla.	—	—	13	16	—	49	1	—
Tex.	284	10	100	363	22	143	—	—
Mountain	1,253	27	92	312	—	356	10	1
Mont.	—	—	10	—	—	6	—	—
Idaho	463	2	8	13	—	29	1	1
Wyo.	1	3	3	5	—	3	—	—
Colo.	1	12	24	136	—	148	3	—
N. Mex.	109	5	7	NN	—	47	4	—
Ariz.	441	—	24	123	—	77	1	—
Utah	220	4	10	16	—	45	1	—
Nev.	18	1	6	19	—	1	—	—
Pacific	2,045	91	482	726	11	552	—	1
Wash.	48	19	75	178	1	149	—	1
Oreg.	51	42	61	NN	—	68	—	—
Calif.	1,942	17	322	500	10	259	—	—
Alaska	2	3	10	18	—	15	—	—
Hawaii	2	10	14	30	—	61	—	—
Guam	62	—	3	7	—	—	—	—
P.R.	92	—	20	13	—	57	—	—
V.I.	—	2	—	9	—	—	—	—
C.N.M.I.	—	—	—	—	—	—	—	—
American Samoa	19	—	—	7	—	—	—	—

*For measles only, imported includes both out-of-state and international importations.

†Vaccine-associated cases. The number of reported cases is subject to change due to retrospective case evaluations or late reports.

SUMMARY TABLES – 1991

NOTIFIABLE DISEASES – Reported cases, by geographic division and area, United States, 1991 (continued)

Area	Psittacosis	Rabies		Rheumatic fever, acute	RMSF*	Rubella		Salmonellosis	Shigellosis
		Animal	Human			Rubella	Cong. syndrome		
United States	94	6,910	3	127	628	1,401	47	48,154	23,548
New England	11	224	–	4	5	4	–	3,835	1,889
Maine	5	5	–	2	–	–	–	203	19
N.H.	–	4	–	NN	–	1	–	226	38
Vt.	2	1	–	–	–	–	–	97	4
Mass.	3	14	–	NN	4	2	–	1,974	1,496
R.I.	–	–	–	1	–	–	–	272	199
Conn.	1	200	–	1	1	1	–	1,063	133
Mid. Atlantic	10	2,387	–	–	25	605	27	8,445	2,344
N.Y.(excl.NYC)	5	1,030	–	NN	14	539	–	2,137	762
N.Y.C.	–	–	–	NN	1	2	–	1,706	428
N.J.	4	994	–	NN	6	4	–	2,069	388
Pa.	1	363	–	NN	4	60	27	2,533	766
E.N. Central	16	196	–	41	40	319	–	6,787	2,307
Ohio	6	20	–	24	19	283	–	1,535	448
Ind.	1	29	–	–	11	1	–	652	338
Ill.	2	36	–	3	5	9	–	2,368	995
Mich.	6	36	–	9	3	25	–	1,144	237
Wis.	1	75	–	5	2	1	–	1,088	289
W.N. Central	3	861	–	13	38	19	1	2,235	587
Minn.	–	310	–	3	–	6	1	645	77
Iowa	3	156	–	7	1	6	–	303	33
Mo.	–	28	–	NN	25	5	–	616	259
N. Dak.	–	106	–	NN	–	1	–	117	23
S. Dak.	–	181	–	1	1	–	–	131	74
Nebr.	–	17	–	NN	5	–	–	174	40
Kans.	–	63	–	2	6	1	–	249	81
S. Atlantic	15	1,574	1	–	292	13	1	10,875	3,292
Del.	–	197	–	NN	–	–	–	374	20
Md.	5	579	–	NN	24	1	–	1,273	253
D.C.	–	24	–	NN	–	1	–	180	90
Va.	5	253	–	NN	21	–	–	1,312	384
W. Va.	–	47	–	–	4	–	1	188	32
N.C.	2	24	–	NN	159	2	–	1,100	374
S.C.	–	117	–	NN	37	–	–	809	174
Ga.	–	255	1	NN	41	–	–	1,846	556
Fla.	3	78	–	NN	6	9	–	3,793	1,409
E.S. Central	2	178	–	–	111	100	–	2,583	1,373
Ky.	–	50	–	NN	31	–	–	487	414
Tenn.	2	45	–	NN	58	100	–	594	164
Ala.	–	79	–	NN	14	–	–	739	548
Miss.	–	4	–	–	8	–	–	763	247
W.S. Central	4	675	2	–	109	19	3	3,972	2,841
Ark.	–	48	1	–	36	1	–	410	265
La.	–	7	–	NN	–	–	–	769	206
Okla.	–	173	–	NN	71	2	–	476	192
Tex.	4	447	1	NN	2	16	3	2,317	2,178
Mountain	14	276	–	56	7	32	2	2,155	3,202
Mont.	1	41	–	NN	5	11	–	148	136
Idaho	1	6	–	NN	–	–	–	110	35
Wyo.	–	110	–	5	–	–	–	32	12
Colo.	6	28	–	5	2	3	1	600	217
N. Mex.	1	6	–	1	–	–	–	305	495
Ariz.	–	56	–	NN	–	2	–	629	1,083
Utah	–	18	–	45	–	11	–	203	1,167
Nev.	5	11	–	–	–	5	1	128	57
Pacific	19	539	–	13	1	290	13	7,267	5,713
Wash.	6	9	–	NN	1	8	1	791	406
Oreg.	2	7	–	NN	–	5	–	368	712
Calif.	10	510	–	12	–	267	12	5,626	4,496
Alaska	1	12	–	1	–	1	–	108	27
Hawaii	–	1 [†]	–	NN	–	9	–	374	72
Guam	–	–	–	–	–	–	–	87	76
P.R.	–	62	–	–	–	–	–	906	130
V.I.	–	–	–	–	–	–	–	9	4
C.N.M.I.	–	–	–	2	–	–	–	24	50
American Samoa	–	–	–	–	–	–	–	22	2

*Rocky Mountain spotted fever.

[†]Imported case.

NOTIFIABLE DISEASES — Reported cases, by geographic division and area, United States, 1991 (continued)

Area	Syphilis			Tetanus	Toxic-shock syndrome	Trichinosis	Tuberculosis	Tularemia	Typhoid fever	Varicella (chicken-pox)
	Primary & secondary	Cong. (<1 yr.)	All stages							
United States	42,935*	4,322*	128,569*	57	280	62	26,283	193	501	147,076
New England	1,031	30	3,043	5	14	—	712	5	32	14,740
Maine	5	—	12	2	4	—	33	—	1	1,259
N.H.	20	—	38	1	4	—	11	—	1	3,593
Vt.	2	—	6	—	—	—	12	—	—	NN
Mass.	492	5	1,403	2	5	—	437	5	26	7,774
R.I.	57	—	239	—	1	—	71	—	—	2,114
Conn.	455	25	1,345	—	—	—	148	—	4	NN
Mid. Atlantic	6,647	1,421	28,127	3	39	5	6,195	2	136	4,971
N.Y. (excl. NYC)	693	95	2,478	—	20	3	748	1	28	NN
N.Y.C.	3,138	978	15,912	—	2	1	3,682	—	79	4,971
N.J.	1,085	41	3,650	1	—	1	983	1	19	NN
Pa.	1,731	307	6,087	2	17	—	782	—	10	NN
E.N. Central	5,243	492	12,371	8	52	47	2,395	11	50	65,585
Ohio	657	51	1,467	3	21	—	378	1	4	5,437
Ind.	196	—	466	2	—	—	263	1	—	NN
Ill.	2,446	299	5,910	1	19	7	1,192	5	29	24,034
Mich.	1,303	113	3,513	2	12	2	451	2	12	36,114
Wis.	641	29	1,015	—	—	38	111	2	5	NA
W.N. Central	929	16	1,768	3	41	2	561	55	7	16,254
Minn.	68	—	208	2	10	2	102	1	2	NN
Iowa	68	—	161	—	7	—	71	—	—	4,203
Mo.	572	15	952	1	12	—	254	44	2	7,678
N. Dak.	—	—	2	—	—	—	9	—	—	614
S. Dak.	1	—	10	—	1	—	35	5	—	346
Nebr.	18	1	62	—	2	—	28	1	3	46
Kans.	202	—	373	—	9	—	62	4	—	3,367
S. Atlantic	12,080	1,221	35,072	8	28	—	4,751	4	69	11,472
Del.	194	7	364	—	1	—	37	—	—	40
Md.	1,013	54	3,093	—	2	—	451	—	8	NN
D.C.	764	246	2,888	1	1	—	175	—	3	53
Va.	871	51	2,751	1	5	—	379	—	11	2,942
W. Va.	29	1	366	—	—	—	64	—	1	7,557
N.C.	2,006	45	3,926	1	11	—	624	1	4	NN
S.C.	1,526	70	3,296	1	2	—	410	1	4	880
Ga.	2,954	139	8,005	—	2	—	909	1	6	NN
Fla.	2,723	608	10,383	4	4	—	1,702	1	32	NN
E.S. Central	4,447	115	10,396	8	12	—	1,650	20	3	4,583
Ky.	112	6	319	1	5	—	347	5	2	2,378
Tenn.	1,507	69	3,779	3	5	—	573	14	1	2,205
Ala.	1,594	21	3,478	3	2	—	430	1	—	NN
Miss.	1,234	19	2,820	1	—	—	300	—	—	NN
W.S. Central	9,070	330	22,380	12	22	1	3,381	59	39	19,409
Ark.	895	28	1,929	2	4	—	282	48	—	NN
La.	2,955	30	6,497	—	—	—	368	—	5	NN
Okla.	215	12	613	—	4	—	206	8	3	NN
Tex.	5,005	260	13,341	10	14	1	2,525	3	31	19,409
Mountain	537	40	1,692	3	35	—	641	31	12	9,222
Mont.	6	—	13	—	1	—	19	9	—	190
Idaho	7	—	36	1	1	—	15	—	—	NN
Wyo.	6	—	14	—	—	—	6	1	—	NN
Colo.	80	—	227	2	8	—	87	10	2	NN
N. Mex.	31	5	185	—	5	—	79	2	2	NN
Ariz.	334	21	830	—	5	—	323	3	7	8,913
Utah	10	—	82	—	15	—	46	6	—	119
Nev.	63	14	305	—	—	—	66	—	1	NN
Pacific	2,951	657	13,720	7	37	7	5,997	6	153	840
Wash.	185	9	570	1	6	—	309	2	10	NN
Oreg.	89	1	277	1	—	—	144	2	6	NN
Calif.	2,660	647	12,800	5	31	—	5,273	2	127	NN
Alaska	7	—	31	—	—	—	70	—	—	NN
Hawaii	10	—	42	—	—	—	201	—	10	840
Guam	—	—	17	—	—	—	NA	—	—	506
P.R.	485	28	1,940	1	—	—	241	—	6	2,509
V.I.	65	—	122	—	—	—	4	—	—	139
C.N.M.I.	—	—	—	—	—	—	65	—	—	357
American Samoa	—	—	—	—	—	—	NA	—	—	116

*Cases updated through February 28, 1992.

NOTIFIABLE DISEASES—Summary of reported cases, by age group, United States, 1991

Disease	Total	Age											not stated
		Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	
AIDS*	43,672	240	274	103	62	132	1,386	6,319	19,932	10,645	3,242	1,337	—
Amebiasis†	2,989	5	99	136	68	72	120	167	367	221	94	96	1,544
Aseptic meningitis†	14,526	3,248	1,112	1,417	1,053	886	1,112	1,512	2,165	607	266	328	820
Botulism	114	75	2	1	2	1	2	4	7	5	6	3	6
Brucellosis	104	1	1	7	4	12	12	6	19	15	7	13	7
Cholera	26	—	—	—	—	1	1	6	7	5	3	3	—
Diphtheria	5	—	1	—	—	—	1	—	1	—	—	—	—
Encephalitis, primary infections	1,021	68	82	110	90	89	52	74	120	93	65	154	24
Encephalitis, post-infectious	82	5	9	13	6	7	8	7	6	4	5	10	2
Gonorrhea‡	544,057	—	—	—	10,348	159,784	170,832	85,046	89,354	27,249	—	—	—
<i>Haemophilus influenzae</i>	2,764	864	699	115	31	25	25	49	105	98	121	493	139
Hansen disease†	154	—	1	—	—	3	13	10	31	17	26	35	17
Hepatitis A	24,378	94	1,589	3,712	2,563	1,775	2,555	3,159	4,325	1,892	820	1,243	621
Hepatitis B	18,003	83	131	126	207	1,337	2,719	3,304	5,153	2,355	960	1,060	568
Hepatitis, non-A non-B	3,582	21	16	26	21	90	228	423	1,301	686	241	467	62
Hepatitis, unspecified	1,260	10	51	115	81	71	134	168	301	136	66	109	18
Legionellosis	1,317	5	2	3	4	11	16	36	165	202	181	659	33
Leptospirosis	58	—	—	5	7	8	5	8	7	12	5	—	1
Lyme disease†	9,465	18	383	697	483	370	419	542	1,466	1,524	1,077	1,588	898
Malaria	1,278	16	74	91	49	99	167	133	289	173	72	62	53
Measles (rubeola)	9,643	1,842	2,889	986	900	1,096	657	547	544	106	20	6	50
Meningococcal infections	2,130	455	498	170	123	203	105	62	94	91	81	196	52
Mumps†	4,264	23	381	811	900	639	226	94	139	68	21	25	937
Murine typhus fever	43	—	1	1	1	4	2	4	8	9	6	6	1
Pertussis (whooping cough)	2,719	1,135	606	252	170	126	53	44	87	47	18	15	166
Plague	11	—	—	2	2	—	—	1	1	3	2	—	—
Polio myelitis, paralytic‡	6	2	—	—	—	1	—	—	1	—	1	1	—
Psittacosis	94	—	2	2	2	3	4	1	27	20	15	16	2
Rabies, human	3	—	—	—	—	—	—	2	—	—	1	—	—
Rheumatic fever†	127	5	3	35	34	9	—	9	8	2	1	2	19
Rocky Mountain spotted fever	628	3	47	63	54	32	43	42	105	86	49	96	8
Rubella (German measles)†	1,401	32	193	213	169	191	141	69	63	29	3	1	297
Salmonellosis	48,154	6,455	8,319	3,230	1,873	1,892	2,951	3,081	5,344	3,438	2,277	5,792	3,502
Shigellosis†	23,548	468	5,907	3,710	1,157	699	1,210	1,338	1,952	793	466	613	5,235
Syphilis, primary & secondary‡	42,687	—	—	—	249	4,674	9,637	8,726	13,143	6,220	—	—	—
Tetanus	57	—	—	2	1	1	—	3	6	4	9	30	1
Toxic-shock syndrome	280	3	4	7	25	40	49	31	76	29	8	6	2
Trichinosis	62	—	—	2	3	—	3	4	17	15	12	6	—
Tuberculosis	26,283	166	840	404	252	601	1,370	2,187	5,641	4,298	2,967	7,535	22
Tularemia	193	—	18	21	11	8	7	5	20	24	26	45	8
Typhoid fever	501	4	47	45	49	48	66	71	97	30	16	19	9
Varicella (chickenpox)†	147,076	847	8,364	27,733	5,514	1,099	371	338	281	88	34	41	102,366**

*AIDS total updated through December 31, 1991.

†Cases reported by some states as aggregate only are included in column for age not stated.

‡The total cases reported by age group excludes some cases reported by geographic area. However, in most instances, if age was not specified, cases were prorated according to the distribution of cases for which age was specified. Cases aged 0 to 9 years are not shown because some of these may not be due to sexual transmission; however, they are included in the totals.

§Subject to change due to retrospective case evaluations or late reports.

**Includes 763 cases reported by the state of Texas for ages 15+.

NOTIFIABLE DISEASES—Summary of reported cases, by race/ethnicity*, United States, 1991

Disease	Total	White non-Hispanic	Black non-Hispanic	American Indian or Alaska Native	Asian or Pacific Islander	Hispanic	Race not stated
AIDS†	43,672	22,209	14,548	79	272	6,399	165
Amebiasis‡	2,989	575	68	3	140	183	2,020
Aseptic meningitis‡	14,526	7,486	1,812	44	141	971	4,072
Botulism	114	62	4	21	7	12	8
Brucellosis	104	18	7	—	1	64	14
Cholera	26	3	—	—	3	15	5
Diphtheria	5	1	—	—	2	1	—
Encephalitis, primary infections	1,021	622	116	3	5	64	211
Post-infectious	82	48	14	—	2	5	13
Gonorrhoea‡	544,057	73,940	445,889	2,366	1,855	20,007	—
<i>Haemophilus influenzae</i>	2,764	1,386	489	21	40	243	585
Hansen disease‡	154	24	1	—	52	53	24
Hepatitis A	24,378	11,700	2,291	1,541	293	4,493	4,060
Hepatitis B	18,003	7,289	3,927	148	776	1,136	4,727
Hepatitis non-A, non-B	3,582	1,668	773	39	27	275	800
Hepatitis, unspecified	1,260	558	151	41	20	295	195
Legionellosis	1,317	836	113	1	10	40	317
Leptospirosis	58	37	—	—	8	—	13
Lyme disease‡	9,465	6,068	172	29	46	78	3,072
Malaria	1,278	292	344	7	226	113	296
Measles (rubeola)‡	9,643	2,528	1,328	392	106	2,338	2,951
Meningococcal infections	2,130	1,235	249	18	18	197	413
Mumps‡	4,264	1,566	662	23	32	281	1,700
Murine typhus fever	43	25	—	—	2	15	1
Pertussis (whooping cough)‡	2,719	1,037	184	12	39	196	1,251
Plague	11	7	—	—	—	3	1
Poliomyelitis, paralytic‡	6	2	1	—	—	—	3
Psittacosis	94	58	1	—	—	3	32
Rabies, human	3	1	1	—	—	1	—
Rheumatic fever, acute‡	127	67	4	—	3	4	49
Rocky Mountain spotted fever	628	480	40	11	2	6	89
Rubella (German measles)‡	1,401	980	15	—	9	24	373
Rubella congenital syndrome	47	33	1	—	—	11	2
Salmonellosis‡	48,154	19,214	4,408	319	445	2,017	21,751
Shigellosis	23,548	6,277	3,016	927	119	2,215	10,994
Syphilis, primary and secondary‡	42,687	3,676	36,010	67	112	2,822	—
Tetanus‡	57	32	12	—	1	3	9
Toxic-shock syndrome	280	224	20	—	2	6	28
Trichinosis	62	27	—	4	2	1	28
Tuberculosis	26,283	7,709	9,536	345	3,346	5,330	17
Tularemia	193	122	5	13	—	1	52
Typhoid fever	501	63	47	4	152	117	118
Varicella (chickenpox)‡	147,076	445	1,834	6	141	1,516	143,134

*These racial/ethnic data were collected in a combined format which excludes Hispanics from white and black categories.

†AIDS total reported through December 31, 1991.

‡Cases reported by some states as aggregate only are included in column for race not stated. For gonorrhoea and syphilis, in most instances, if race/ethnicity was not specified, cases were prorated according to the distribution of cases for which this information was specified.

§The total cases reported by race/ethnicity excludes some cases reported by geographic area. However, in most instances, if race/ethnicity was not specified, cases were prorated according to the distribution of cases for which this information was specified.

**Subject to change due to retrospective case evaluations or late reports.

Resident population of the United States, by age, sex, race and Hispanic origin*, April 1, 1990 (modified age and race)

Age	Total			White			Black			American Indian, Eskimo or Aleutian			Asian or Pacific Islander			Hispanic Origin (of any race)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	248,710	121,239	127,471	208,704	102,143	106,561	30,483	14,420	16,063	2,065	1,024	1,041	7,458	3,652	3,805	22,354	11,388	10,966
<1	3,946	2,018	1,928	3,127	1,604	1,524	638	322	316	48	24	24	133	68	65	547	279	268
1-4	14,811	7,580	7,231	11,833	6,071	5,761	2,300	1,164	1,137	172	89	85	505	258	246	1,920	981	939
5-9	18,035	9,232	8,803	14,502	7,444	7,058	2,711	1,372	1,340	209	106	103	612	310	302	2,178	1,111	1,067
10-14	17,060	8,739	8,322	13,670	7,023	6,647	2,629	1,328	1,301	197	100	97	564	288	276	1,989	1,017	972
15-19	17,882	9,173	8,709	14,351	7,380	6,971	2,714	1,370	1,344	191	99	92	626	324	302	2,084	1,106	978
20-24	19,132	9,743	9,389	15,637	8,010	7,628	2,655	1,299	1,356	179	93	86	661	341	319	2,320	1,270	1,050
25-29	21,328	10,702	10,625	17,638	8,927	8,711	2,780	1,323	1,457	188	95	93	722	357	363	2,337	1,247	1,091
30-34	21,833	10,862	10,971	18,190	9,144	9,045	2,718	1,270	1,448	181	88	92	745	359	386	2,045	1,063	982
35-39	19,846	9,833	10,013	16,652	8,343	8,309	2,359	1,094	1,265	157	76	81	678	320	357	1,642	835	807
40-44	17,589	8,676	8,913	15,001	7,476	7,525	1,882	868	1,014	132	64	68	574	268	306	1,276	635	641
45-49	13,744	6,739	7,004	11,826	5,851	5,975	1,413	645	768	99	48	51	405	195	210	936	458	479
50-54	11,313	5,493	5,820	9,744	4,773	4,971	1,178	530	647	79	38	41	312	152	161	750	361	389
55-59	10,487	5,008	5,479	9,131	4,404	4,726	1,041	460	581	64	30	33	252	114	138	633	299	335
60-64	10,625	4,947	5,679	9,381	4,409	4,972	972	418	554	53	25	28	220	95	125	550	253	297
65 +	31,079	12,493	18,586	28,021	11,284	16,736	2,492	957	1,535	116	49	67	450	203	247	1,146	475	671

*Numbers in thousands

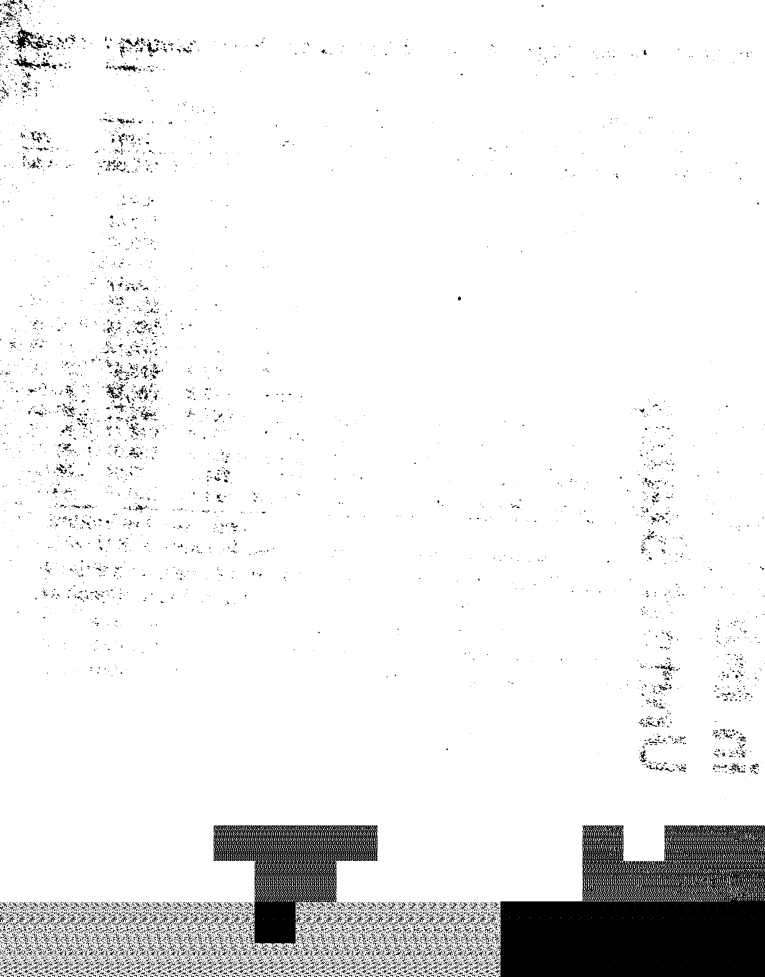
Source: U.S. Bureau of the Census, Current Population Reports, by Age, Sex, and Race, 1990 Census.

This table provides information from a special census file in which the age and race data have been modified to be consistent with the classification used in some data sets other than the census, while the age data were adjusted to correspond with the April 1, 1990 census date. These "modified" data are consistent with the counts of the 1990 census as enumerated.

Note that the race/ethnicity categories used by the census are not directly comparable with those used in the National Notifiable Diseases Surveillance System in 1991 in which Hispanics were excluded from racial categories.

PART 2:

Graphs and Maps for Selected Notifiable Diseases in the United States



1901

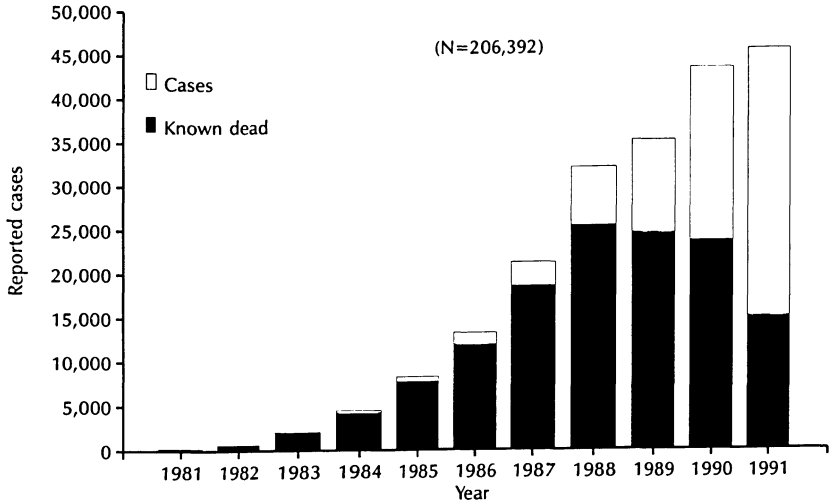
1902

1903

1904

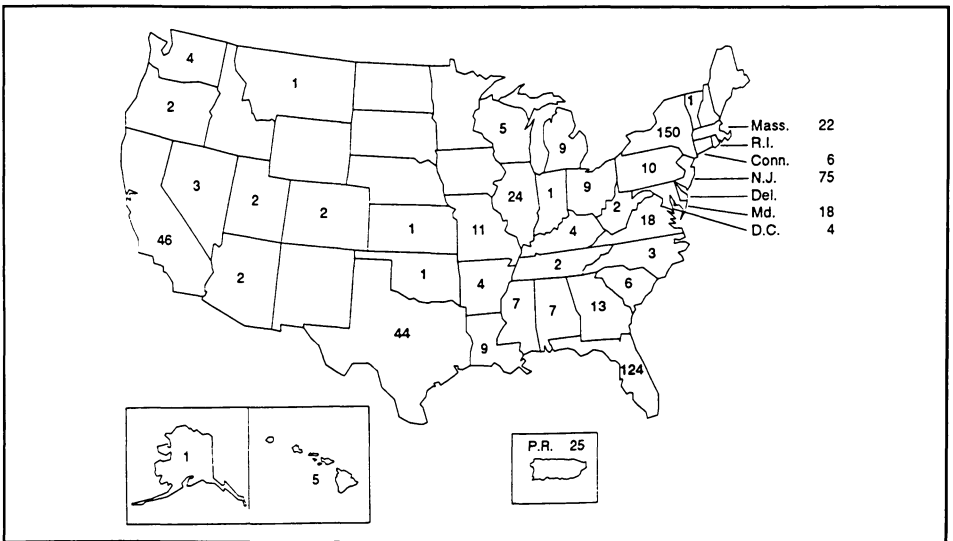
1905

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Reported cases and known deaths, by year, United States,* 1981–1991



*Includes Guam, Puerto Rico, the U.S. Pacific Islands, and the U.S. Virgin Islands.

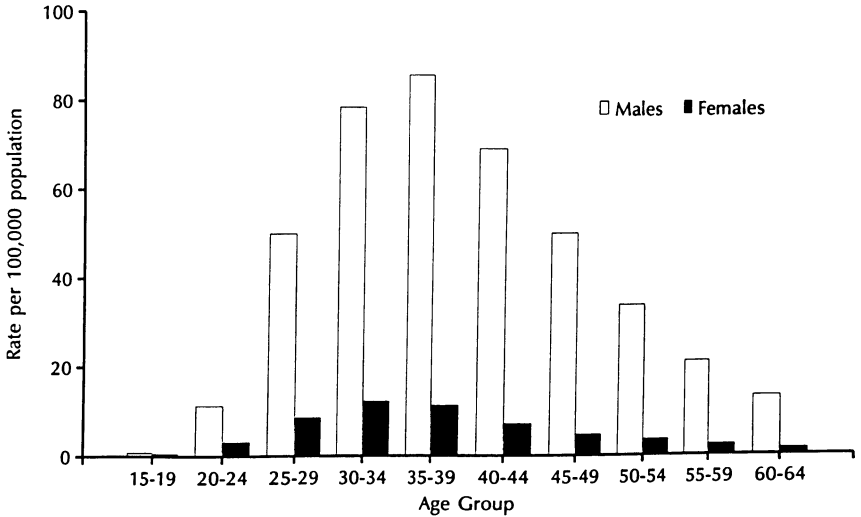
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Reported pediatric cases* by year, United States,† 1982–1991



*Children less than 13 years old.

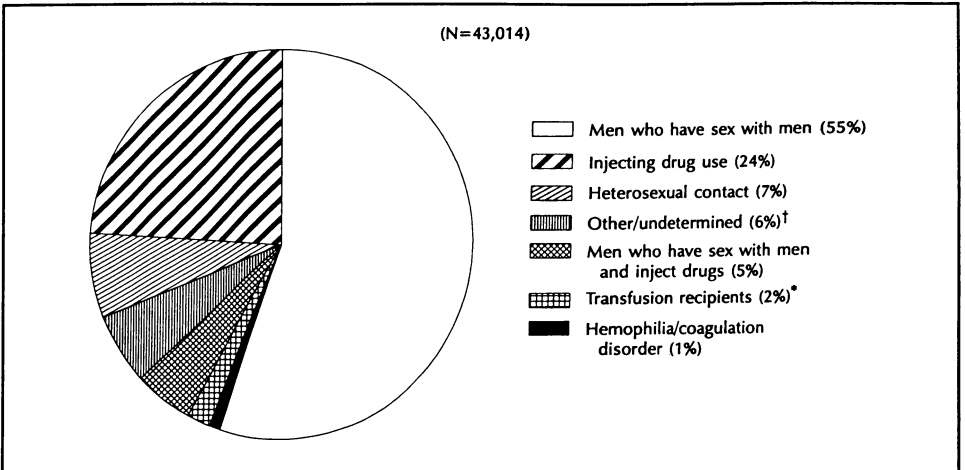
†Includes Guam, Puerto Rico, the U.S. Pacific Islands, and the U.S. Virgin Islands.

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Annual rates by selected age group and sex for reported cases, United States, 1991*



*Denominators for computing rates are based on extrapolations from U.S. Bureau of the Census population data from the 1980 and 1990 censuses.

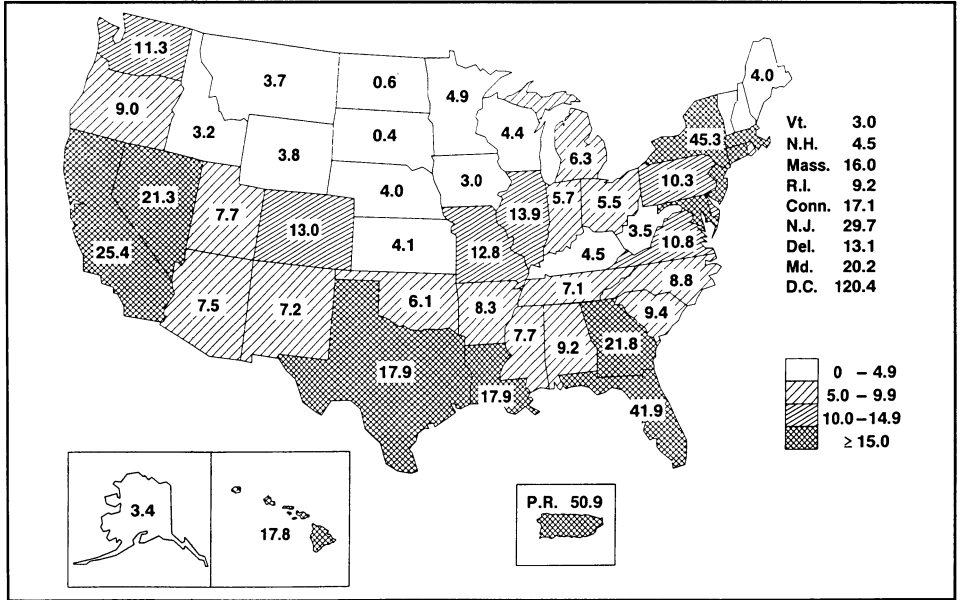
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Reported adult/adolescent cases, by exposure category, United States, 1991



*Includes transfusion, tissue and organ recipients from donors who were screened negative for HIV antibody at the time of donation.

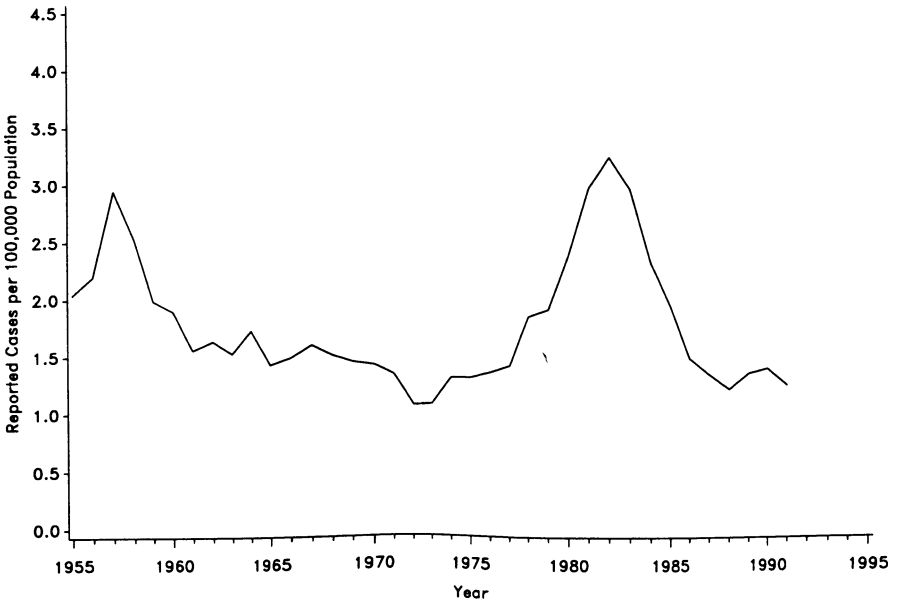
[†]“Other” refers to persons who developed AIDS after exposure to HIV-infected blood within the health-care setting, as documented by evidence of seroconversion or other laboratory studies. “Undetermined” refers to patients whose mode of exposure to HIV is unknown. This includes patients under investigation; patients who died, were lost to follow-up, or refused interview; and patients whose mode of exposure to HIV remains undetermined after investigation.

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Cases per 100,000 population, reported to CDC by state, United States, 1991*

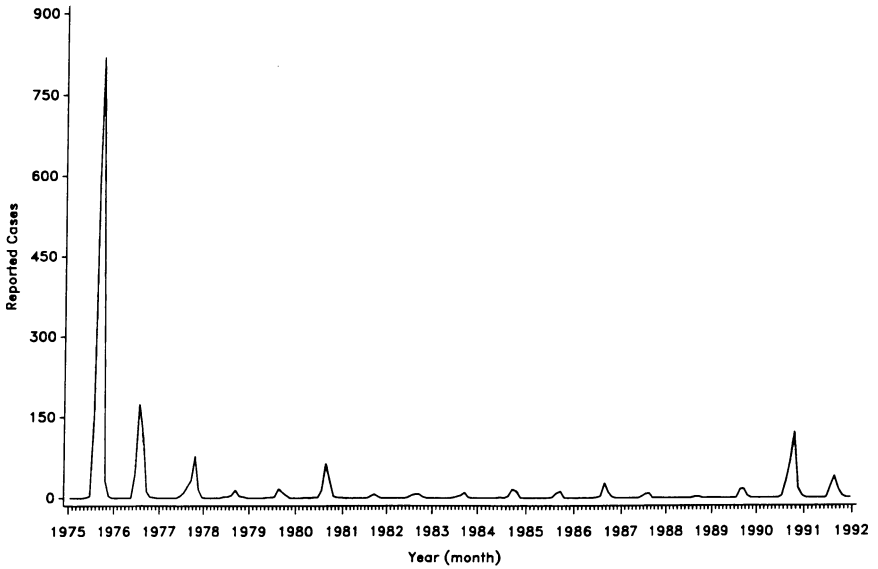


*Denominators for computing rates are based on extrapolations from U.S. Bureau of the Census population data from the 1980 and 1990 censuses.

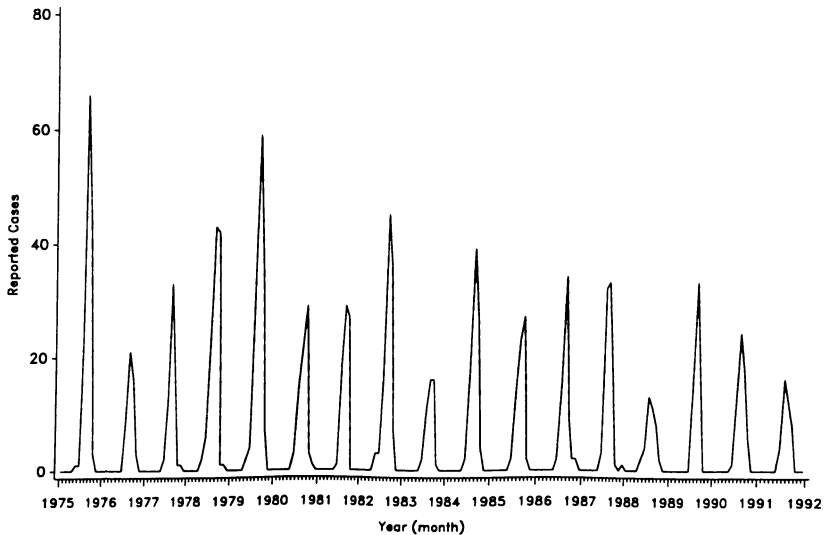
AMEBIASIS – By year, United States, 1955–1991



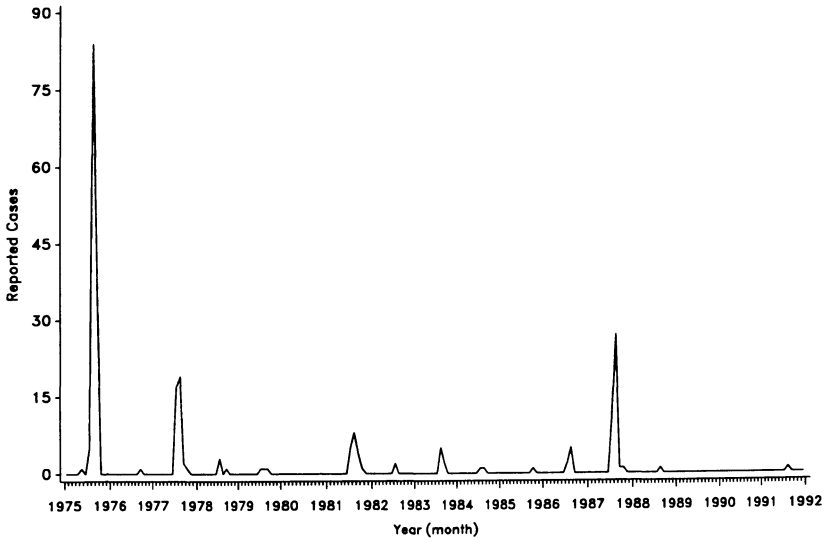
ARBOVIRAL INFECTIONS (of the central nervous system) – Cases due to St. Louis encephalitis virus, by month, United States, 1975–1991



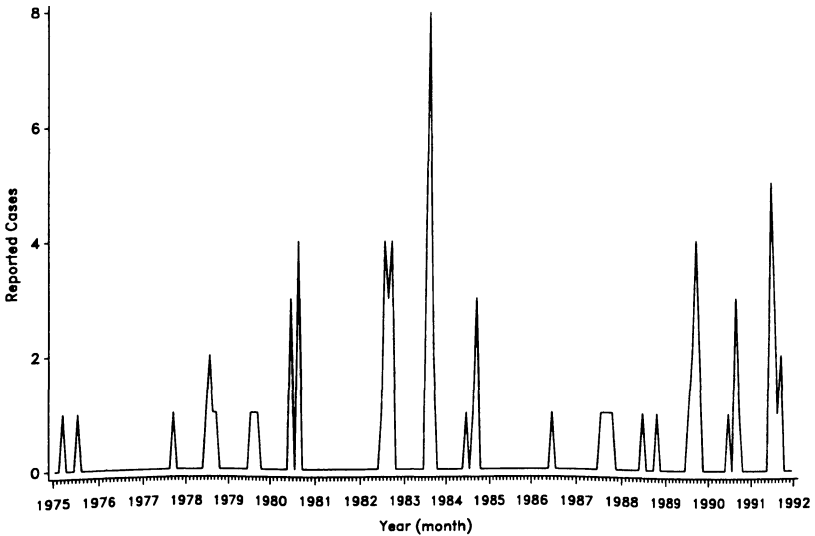
ARBOVIRAL INFECTIONS (of the central nervous system) – Cases due to California serogroup viruses, by month, United States, 1975–1991



ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to Western equine encephalitis virus, by month, United States, 1975–1991

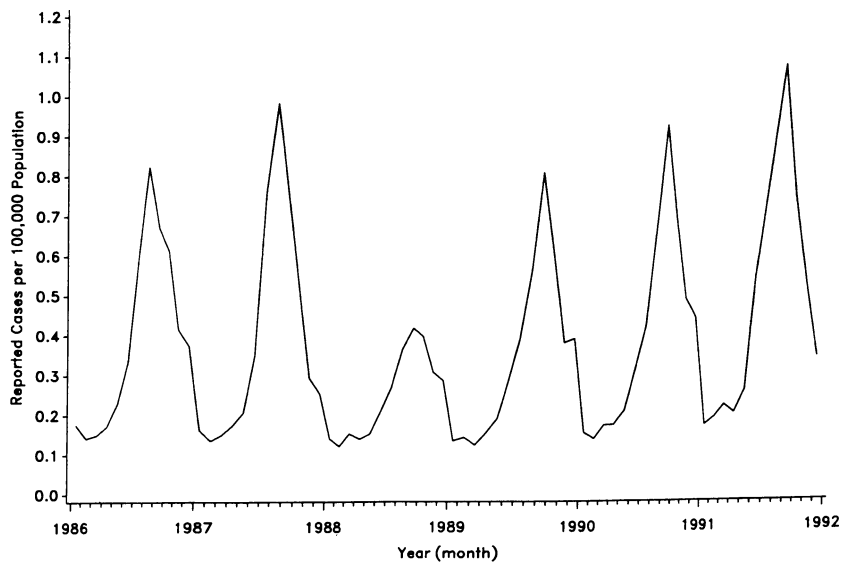


ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to Eastern equine encephalitis virus, by month, United States, 1975–1991

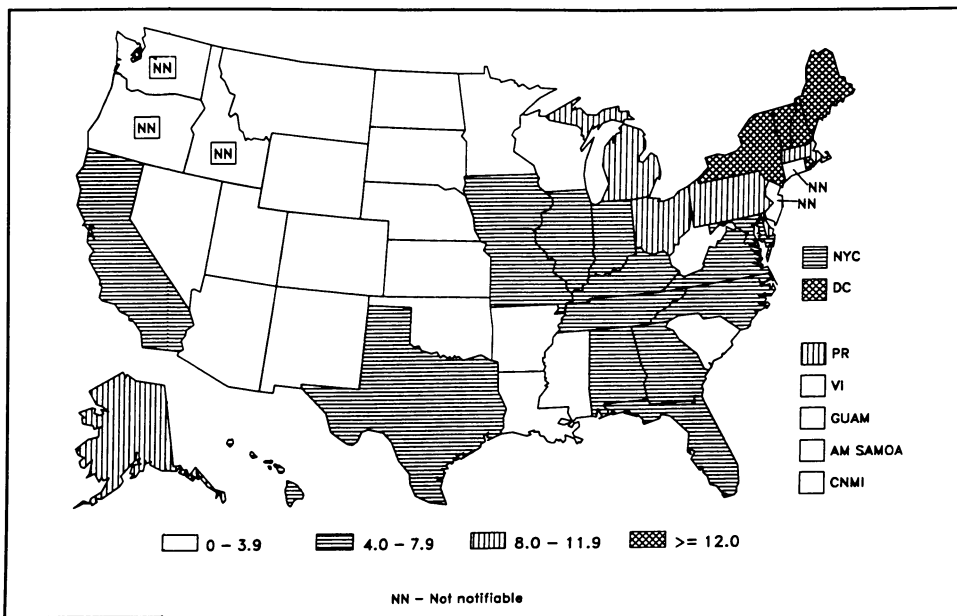


GRAPHS AND MAPS

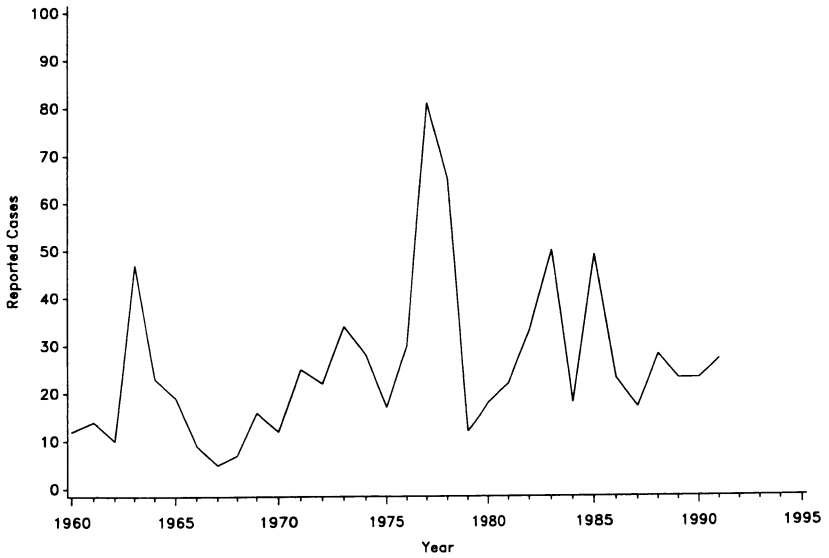
ASEPTIC MENINGITIS – By month, United States, 1986–1991



ASEPTIC MENINGITIS – Reported cases per 100,000 population, United States, 1991



BOTULISM (foodborne) – By year, United States, 1960–1991

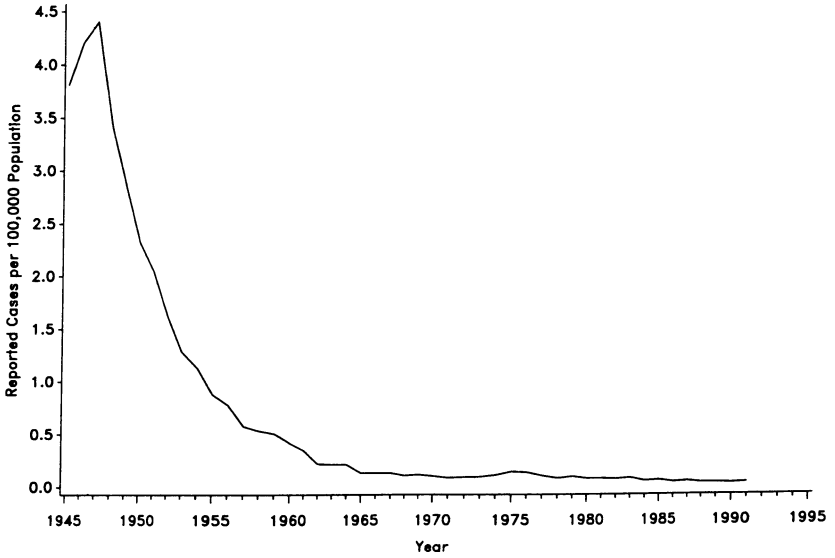


BOTULISM (infant) – By year, United States, 1975–1991

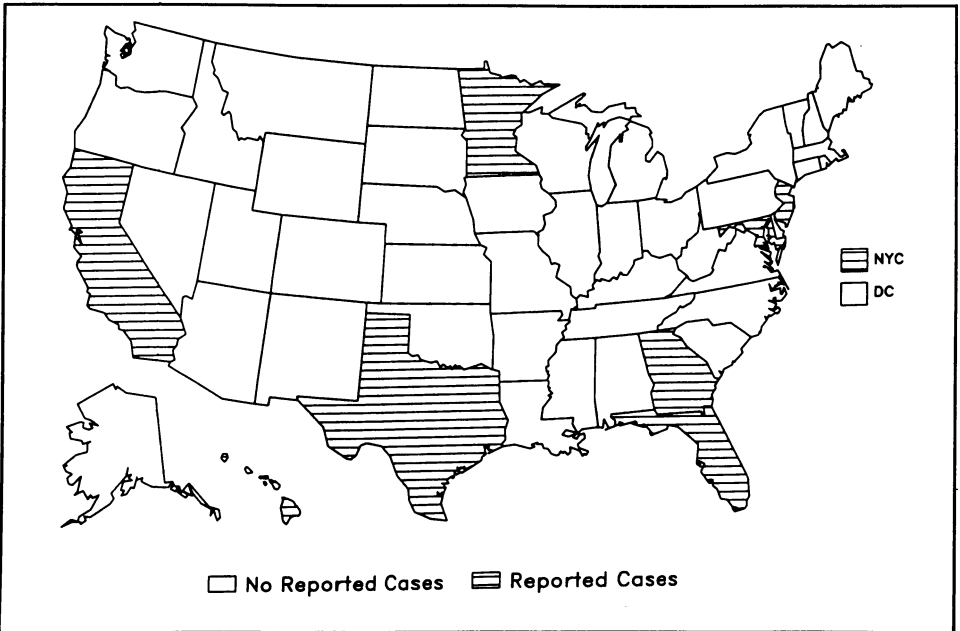


GRAPHS AND MAPS

BRUCELLOSIS – By year, United States, 1945–1991

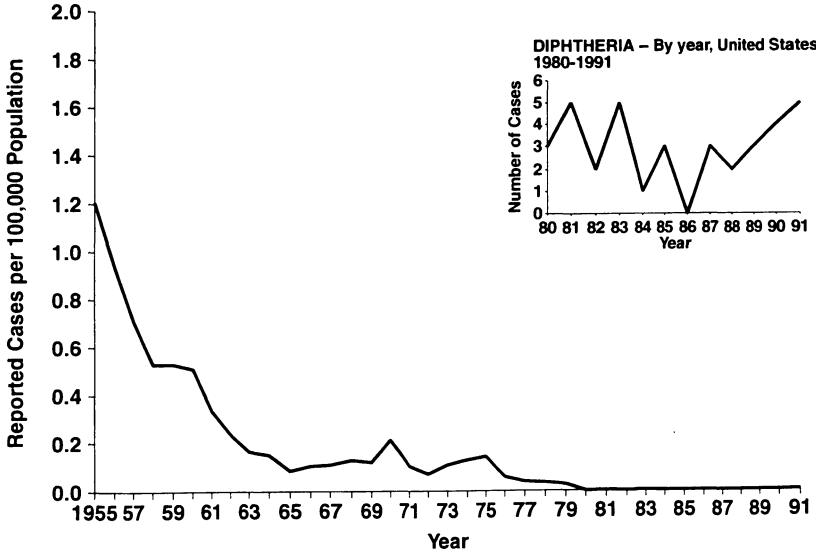


CHOLERA – Reported Cases*, United States, 1991

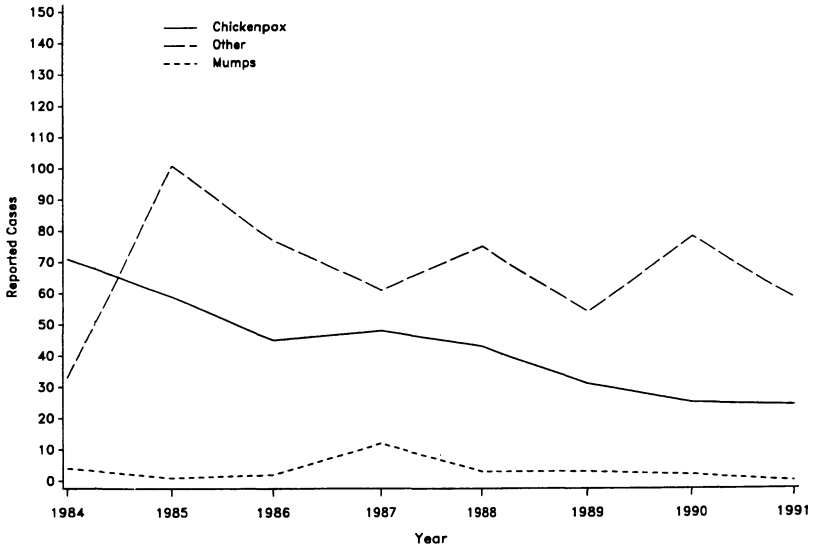


*Includes 10 imported cases

DIPHTHERIA – By year, United States, 1955–1991

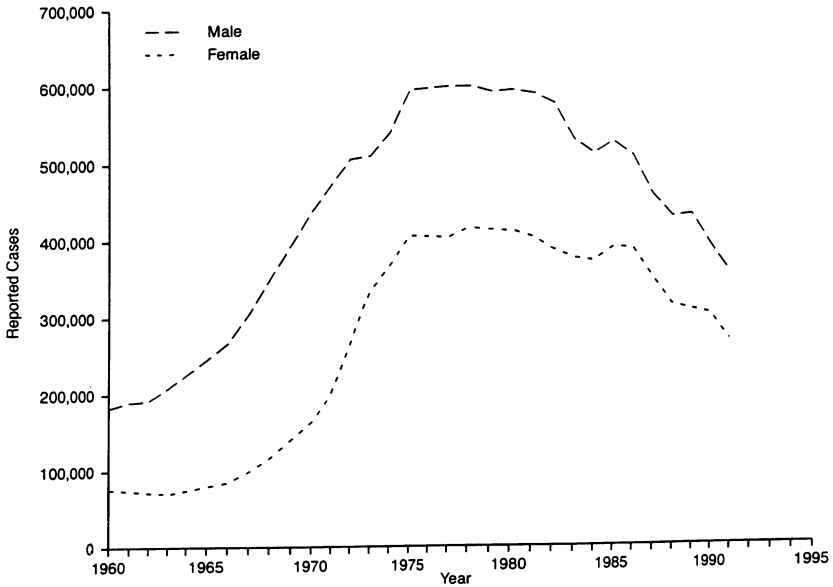


ENCEPHALITIS (post-infectious) – By year, United States, 1984-1991

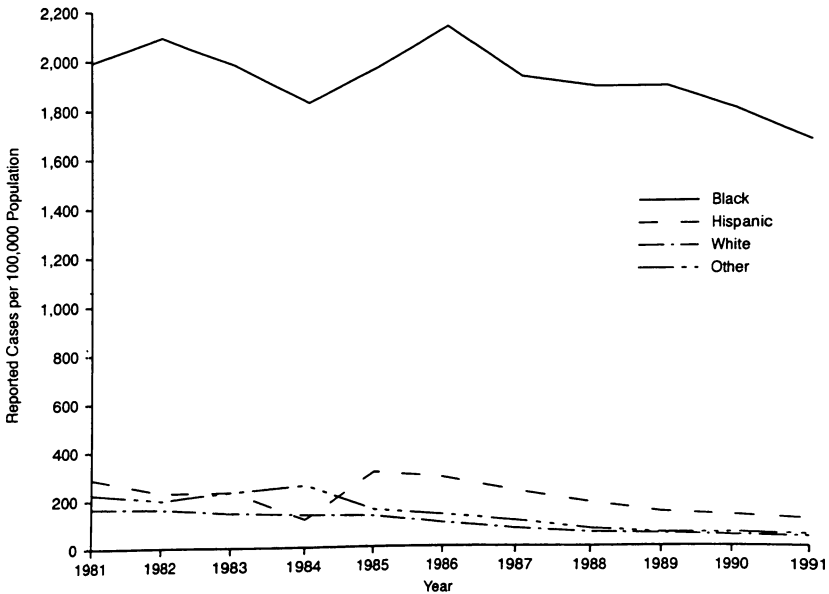


GRAPHS AND MAPS

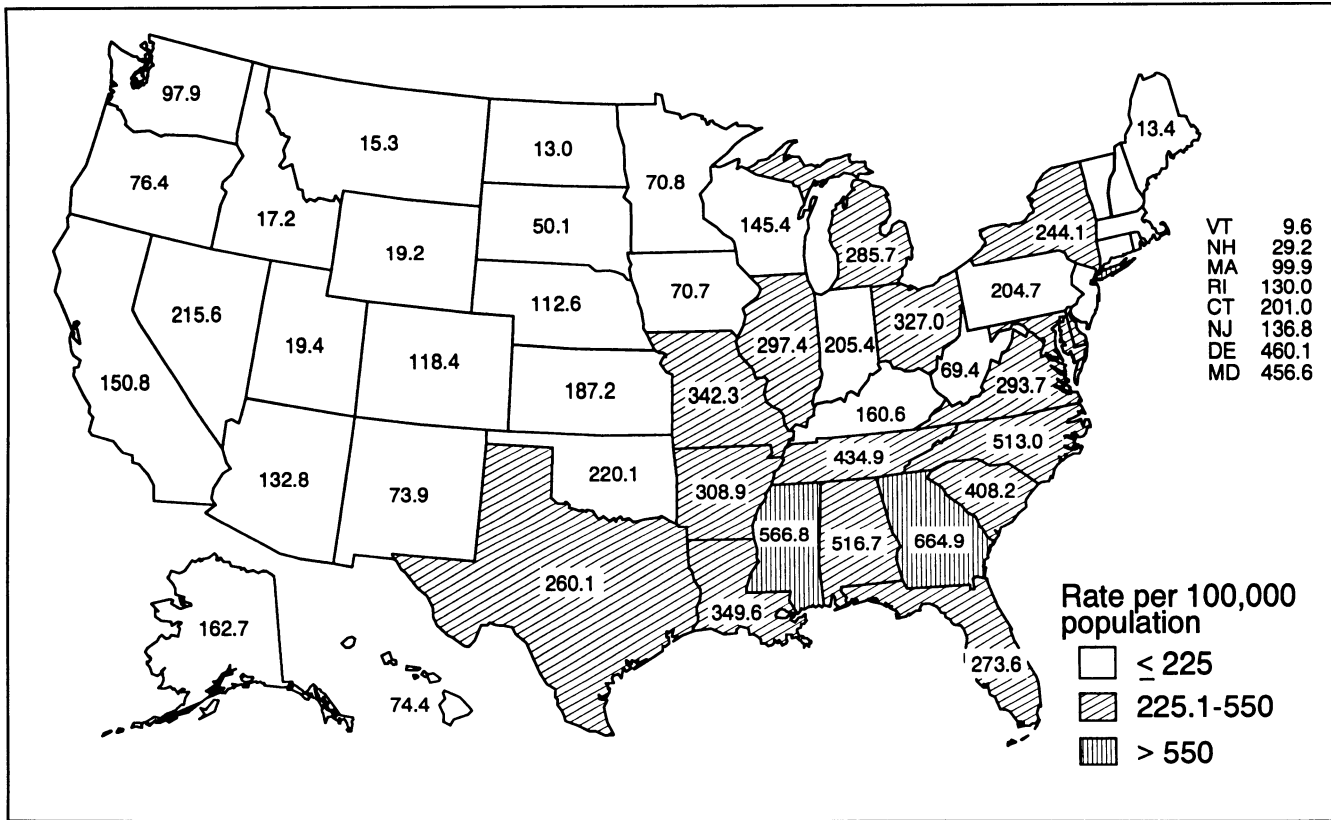
GONORRHEA – By sex, United States, 1960–1991



GONORRHEA – Rates by race and ethnicity, United States, 1981–1991

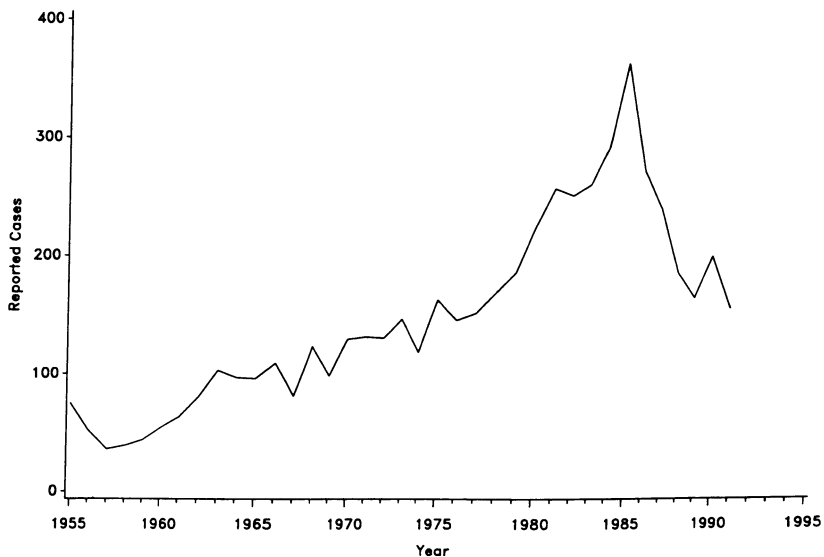


GONORRHEA – By state, United States, 1991

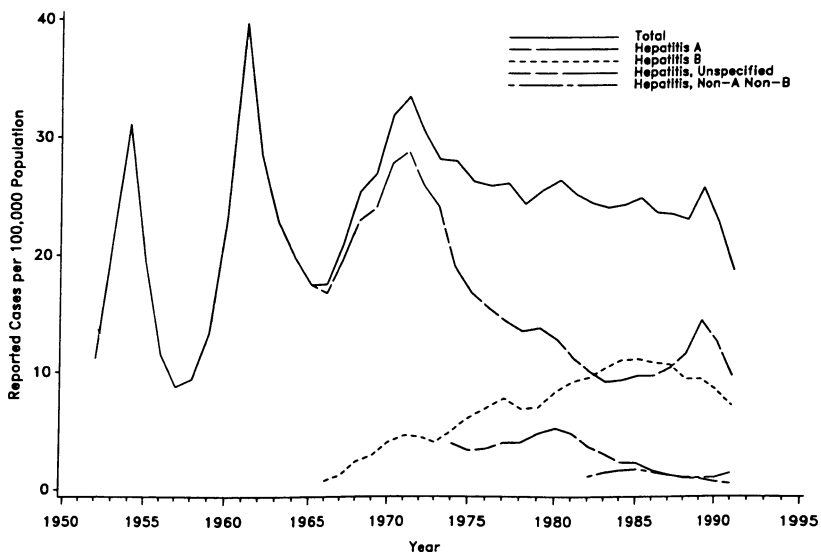


NOTE: The total rate of gonorrhea for the U.S. was 249.5 per 100,000 population. The year 2000 objective is 225 per 100,000 population.

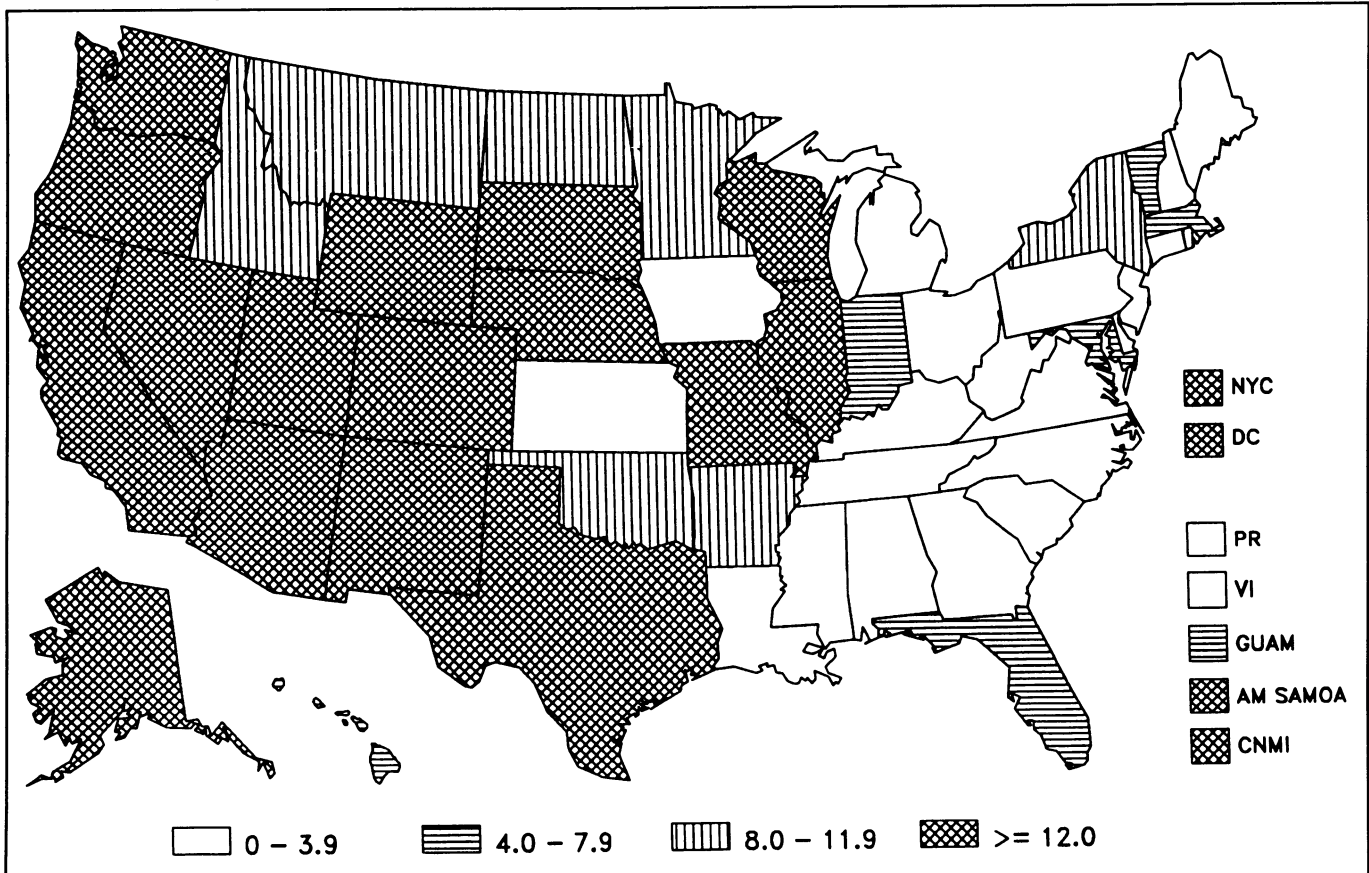
HANSEN DISEASE – By year, United States, 1955–1991



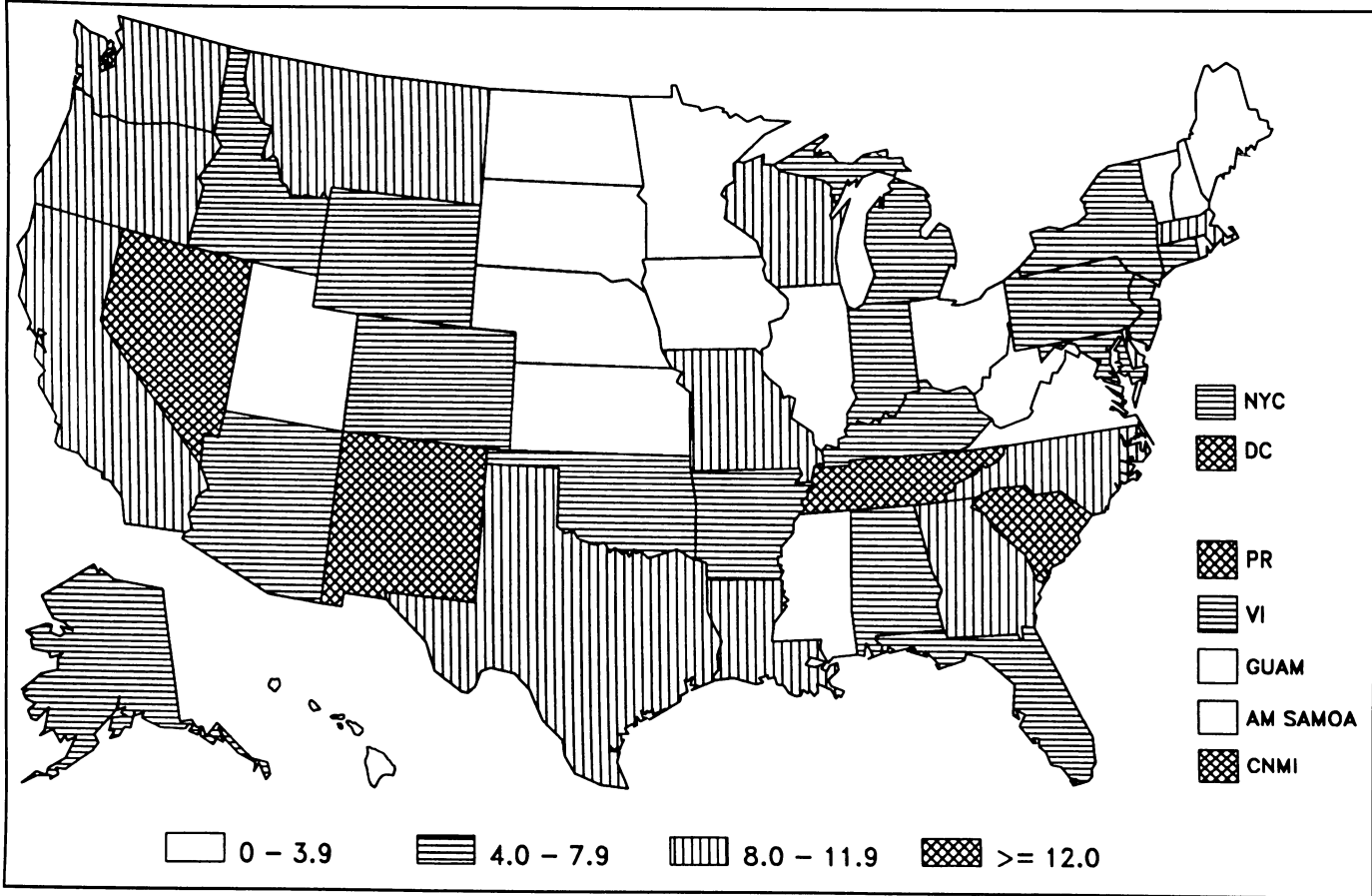
HEPATITIS – By year, United States, 1952–1991



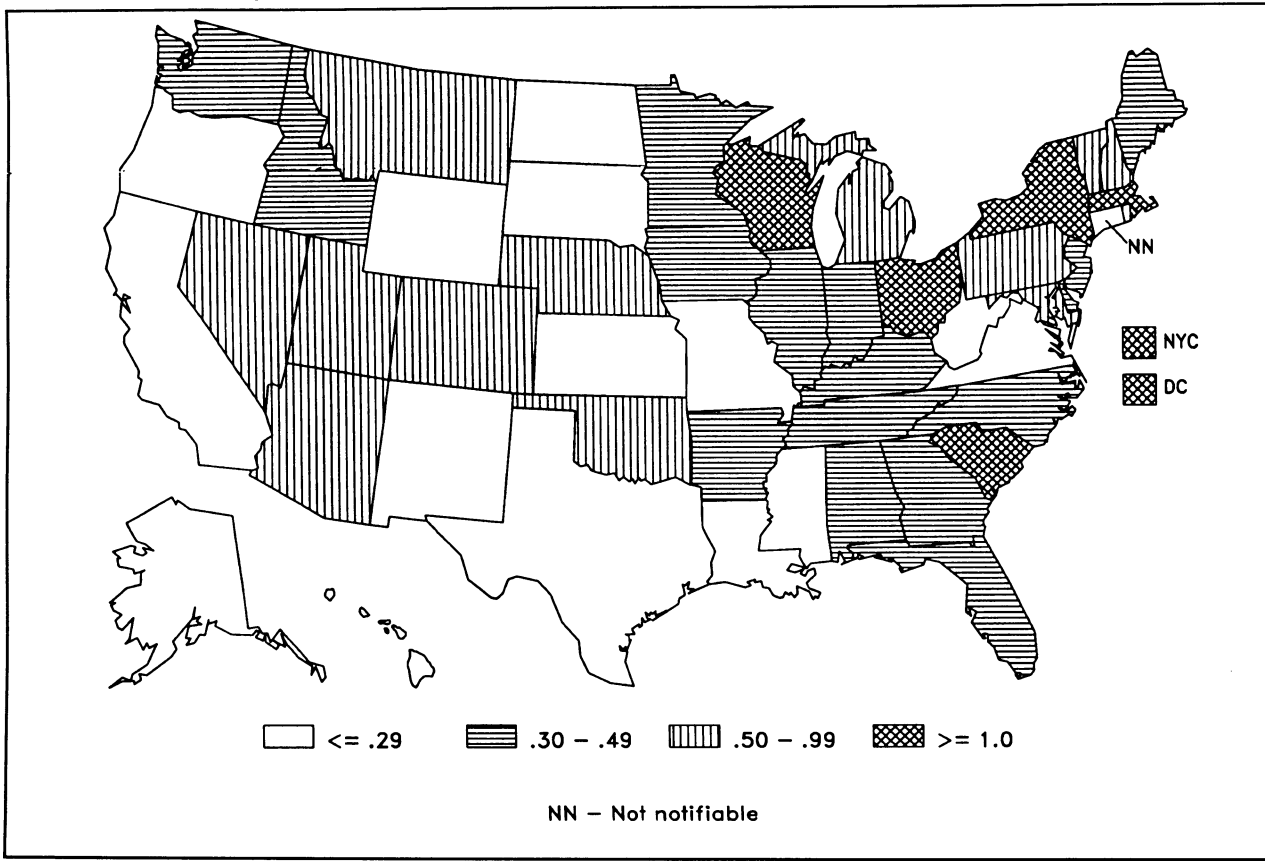
HEPATITIS A – Reported Cases, per 100,000 population, United States, 1991



HEPATITIS B – Reported cases, per 100,000 population, United States, 1991

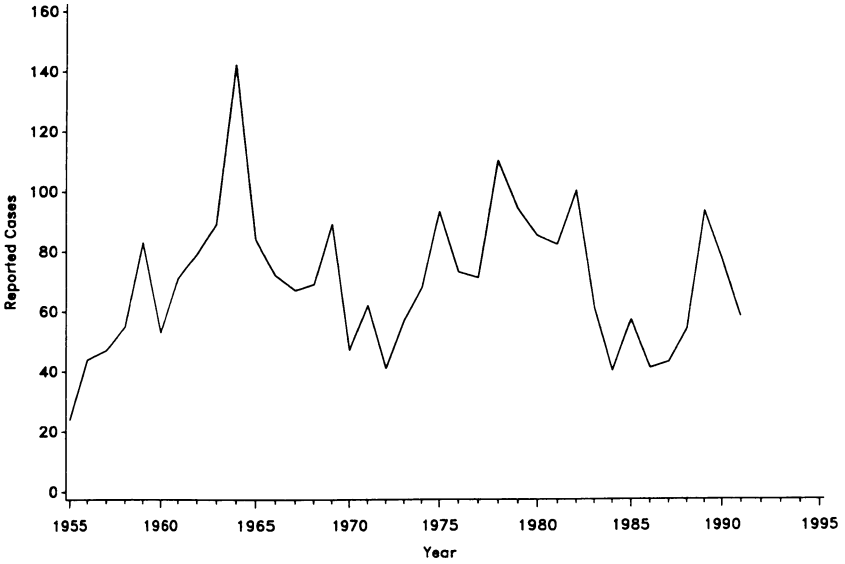


LEGIONELLOSIS – Reported cases, per 100,000 population, United States, 1991

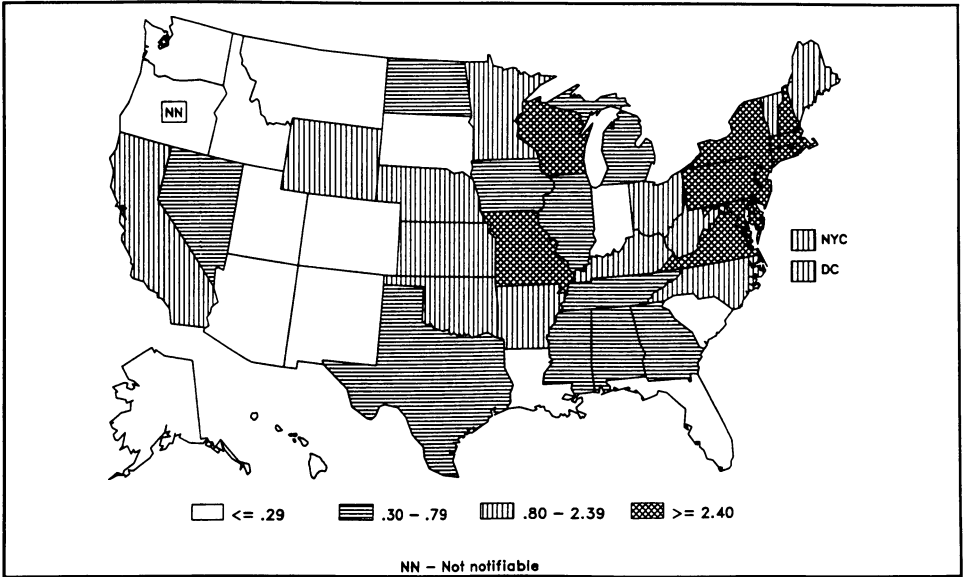


GRAPHS AND MAPS

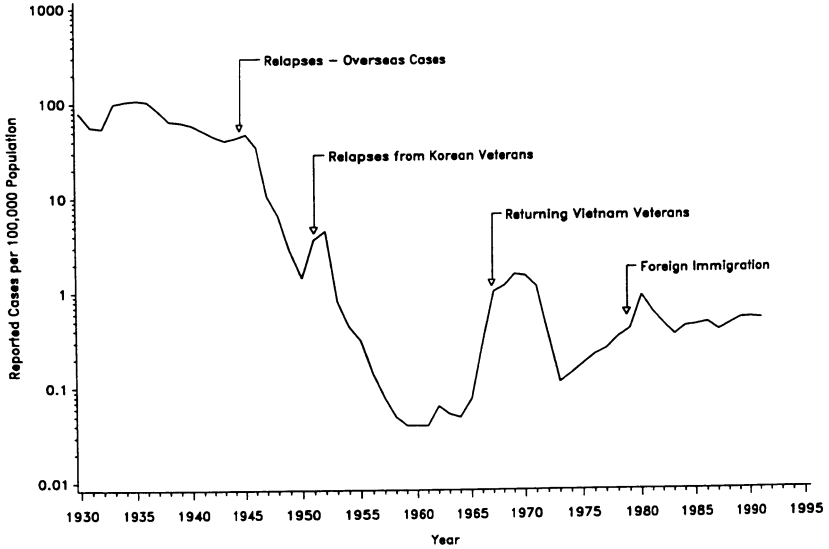
LEPTOSPIROSIS – By year, United States, 1955–1991



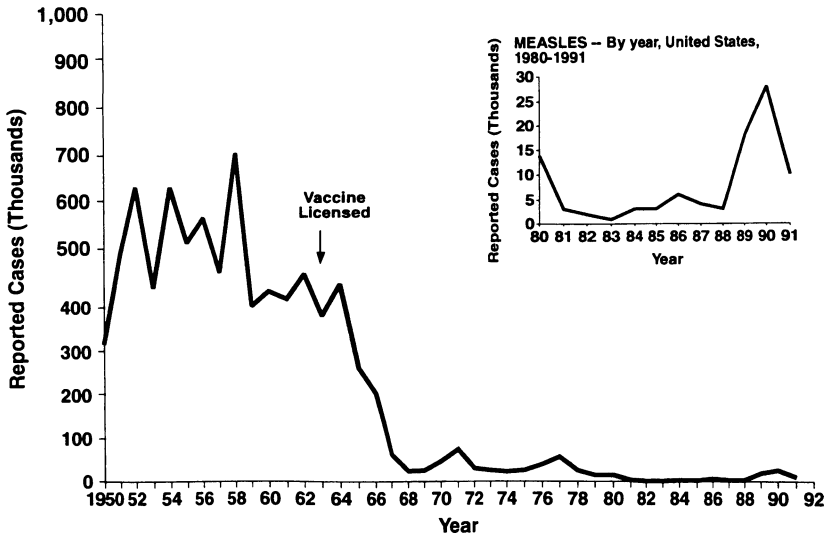
LYME DISEASE – Reported cases, per 100,000 population, United States, 1991



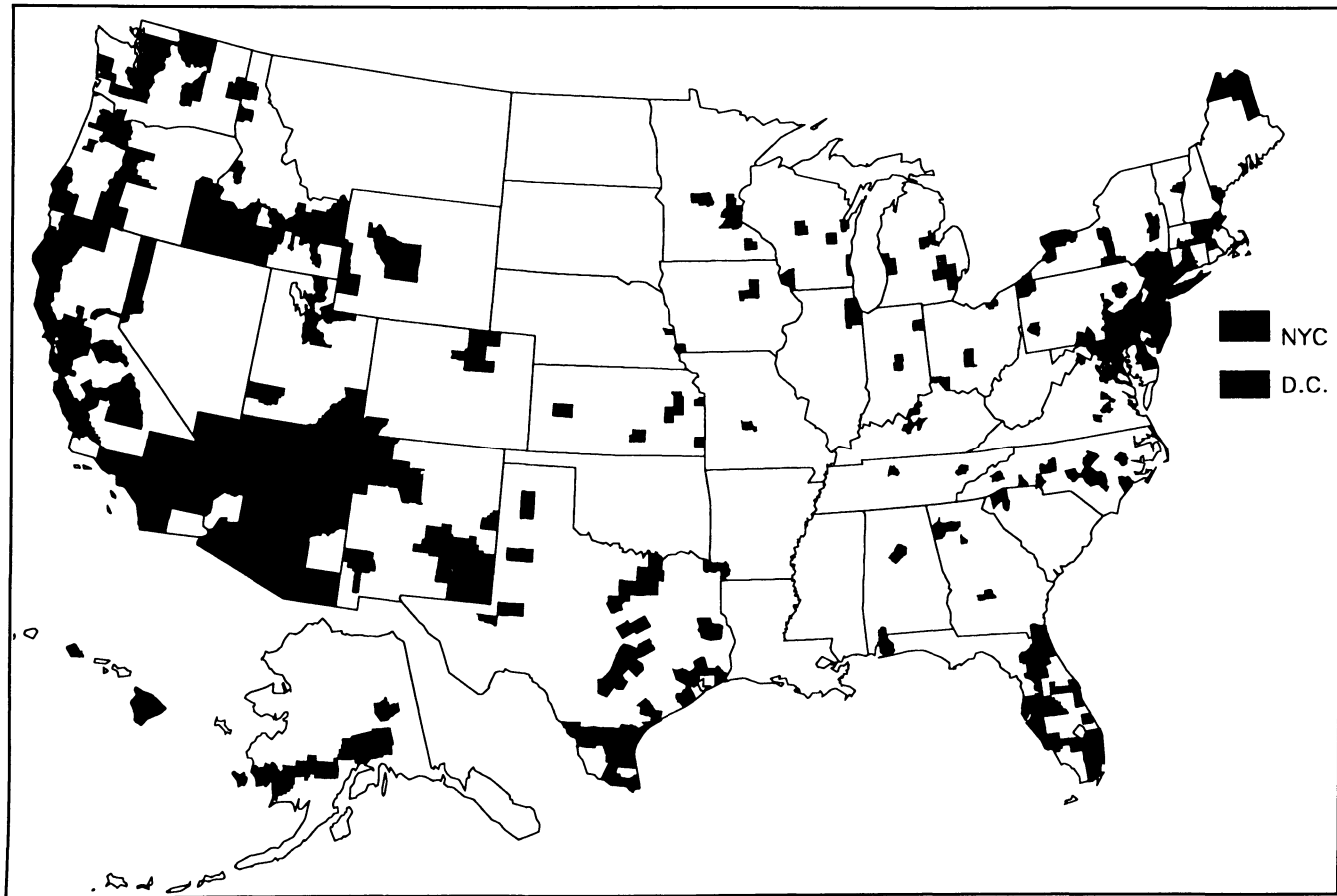
MALARIA — By year, United States, 1930–1991



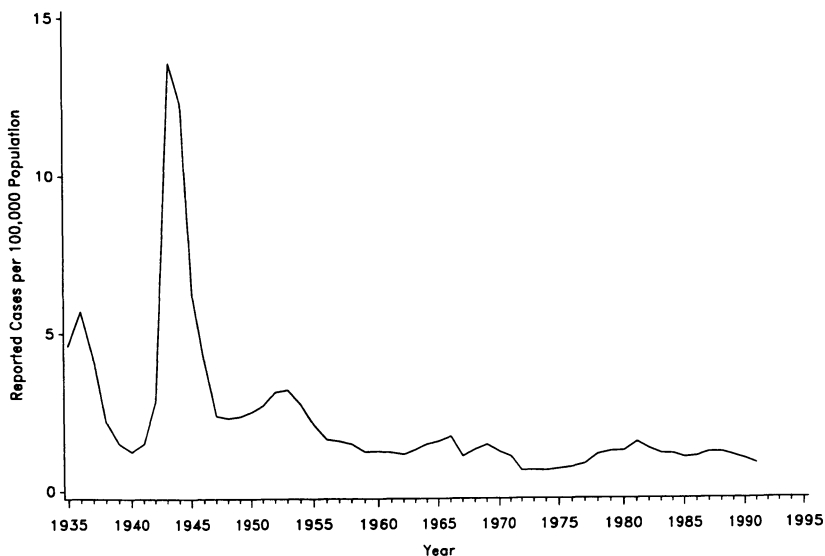
MEASLES (rubeola) — By year, United States, 1950–1991



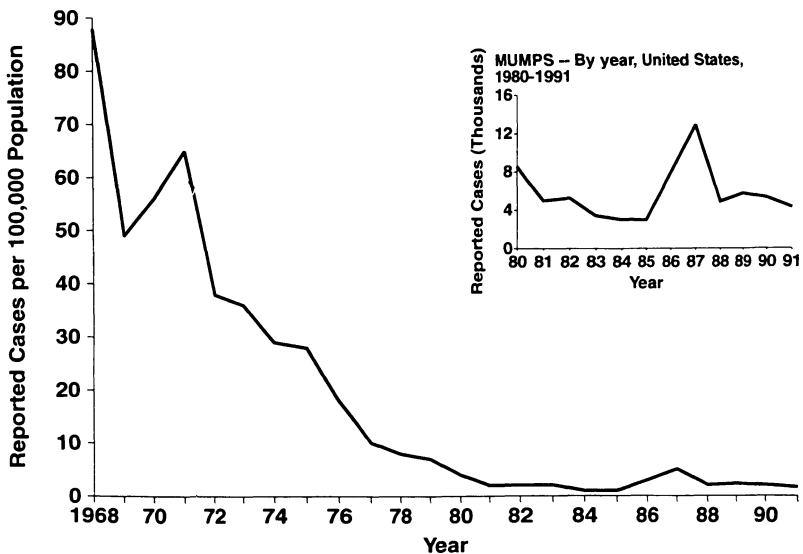
MEASLES (rubeola) – Counties reporting cases, United States, 1991



MENINGOCOCCAL INFECTION – By year, United States, 1935–1991

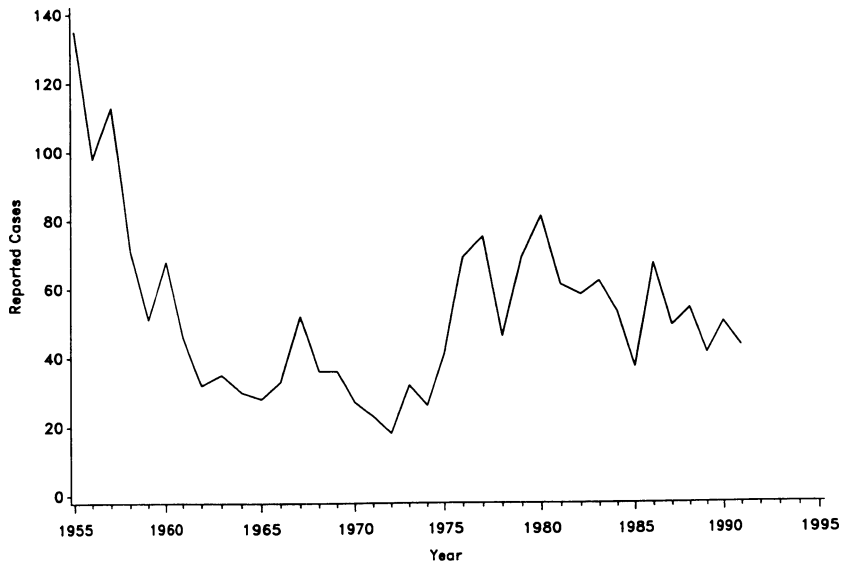


MUMPS – By year, United States, 1968–1991

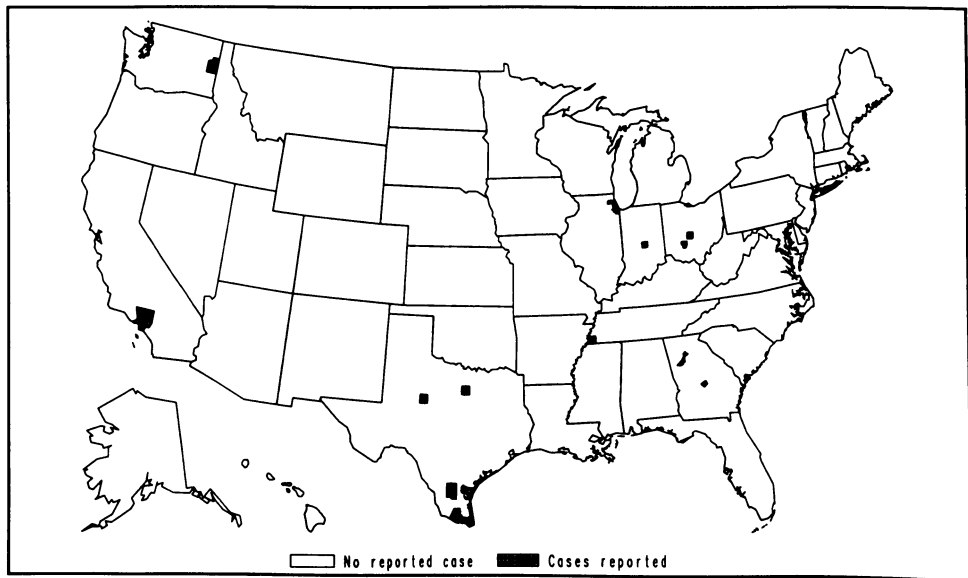


GRAPHS AND MAPS

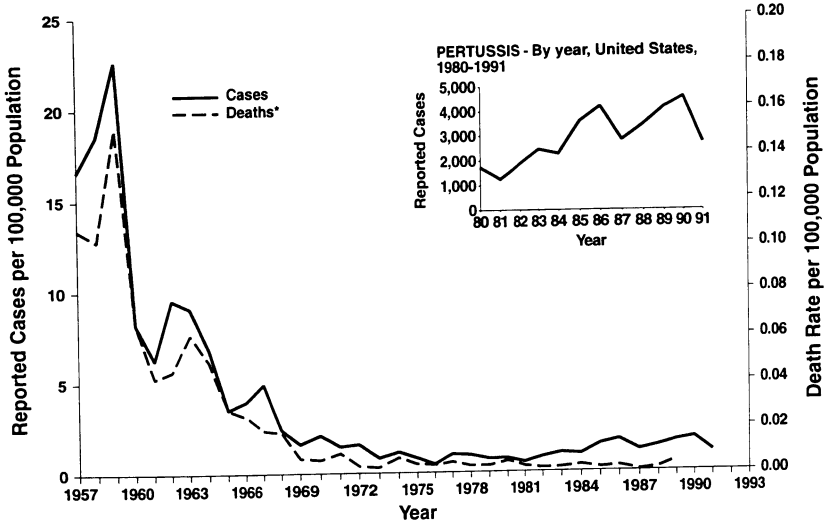
MURINE TYPHUS FEVER — By year, United States, 1955–1991



MURINE TYPHUS FEVER — Counties reporting cases, United States, 1991

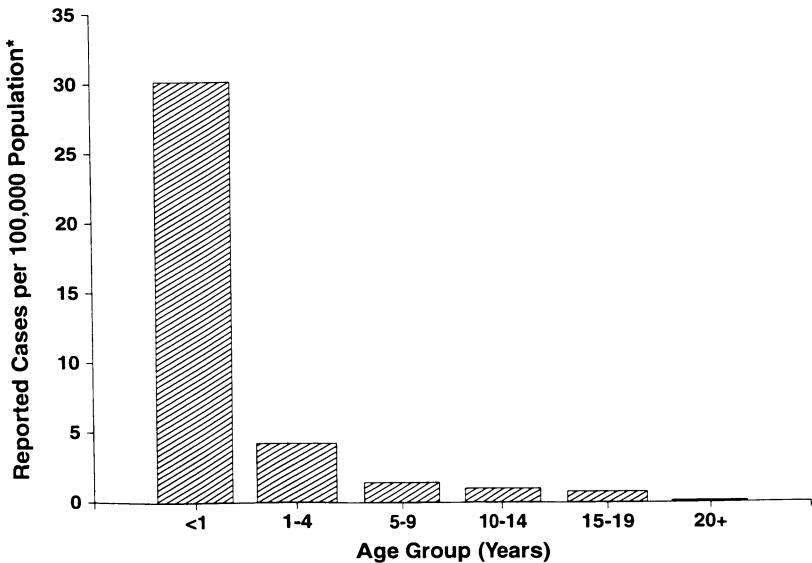


PERTUSSIS (whooping cough) – By year, United States, 1957–1991



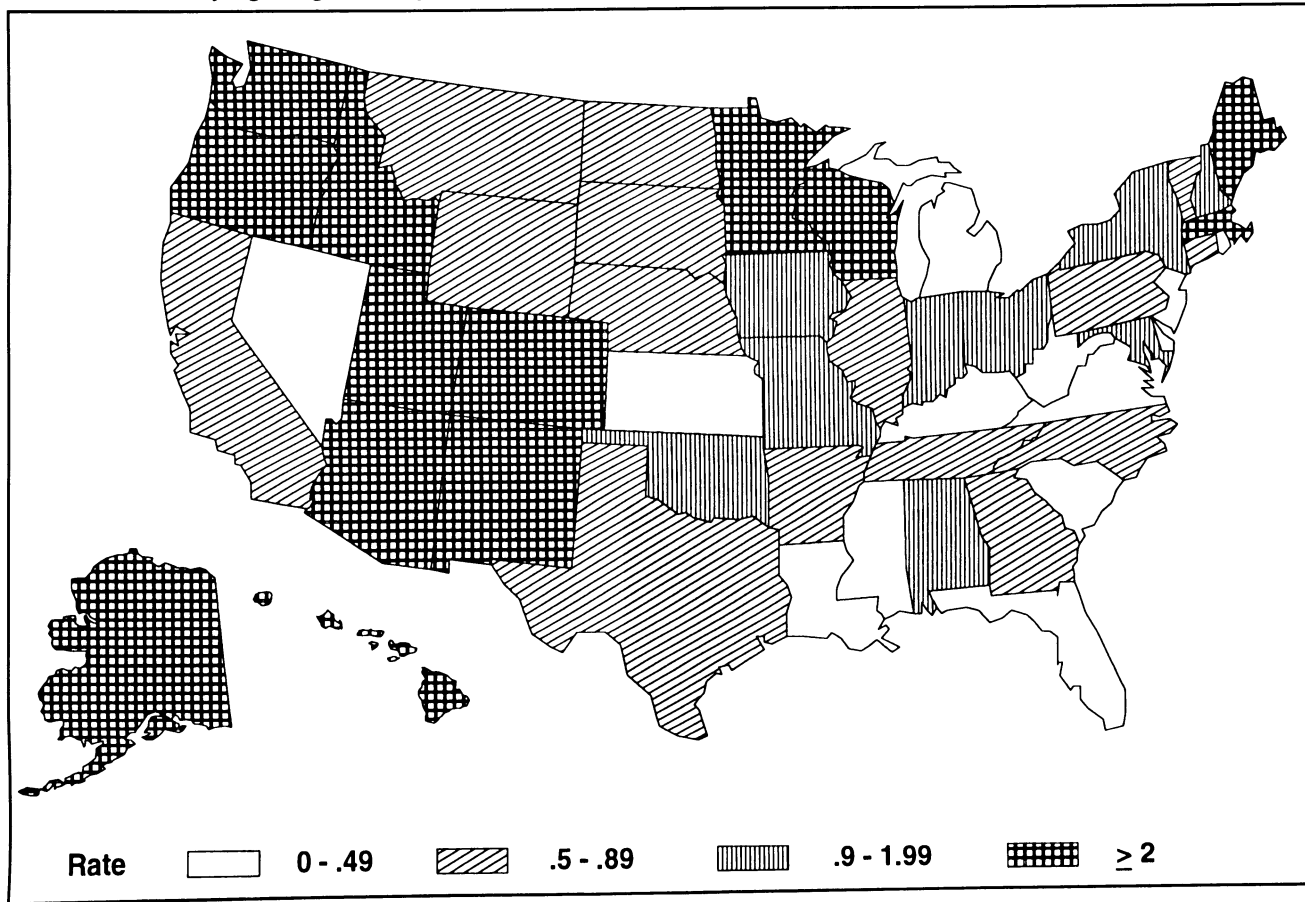
*Data on mortality are not yet available for 1990 or 1991.

PERTUSSIS (whooping cough) – By age group, United States, 1991

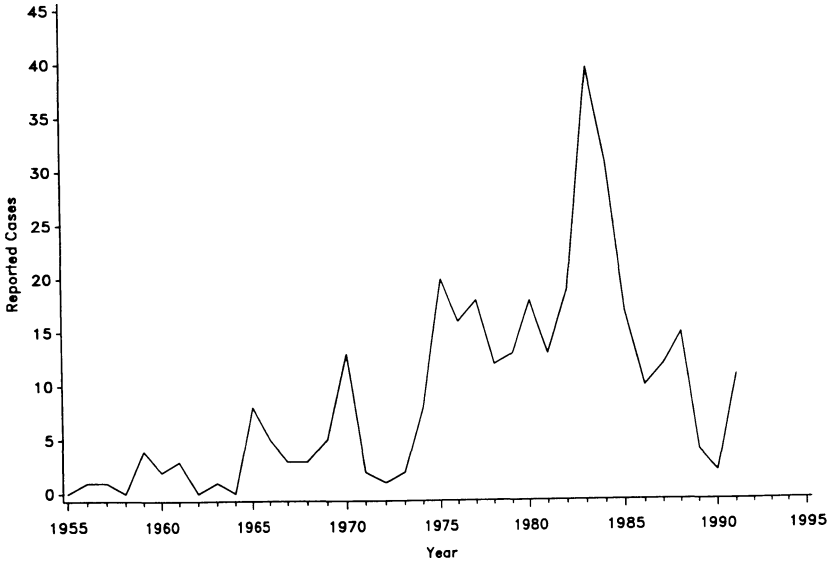


*Rates were calculated by multiplying the percentage of cases with known age group by total reported cases and dividing by the population in that age group. Census population figures modified by age were used for the age groups.

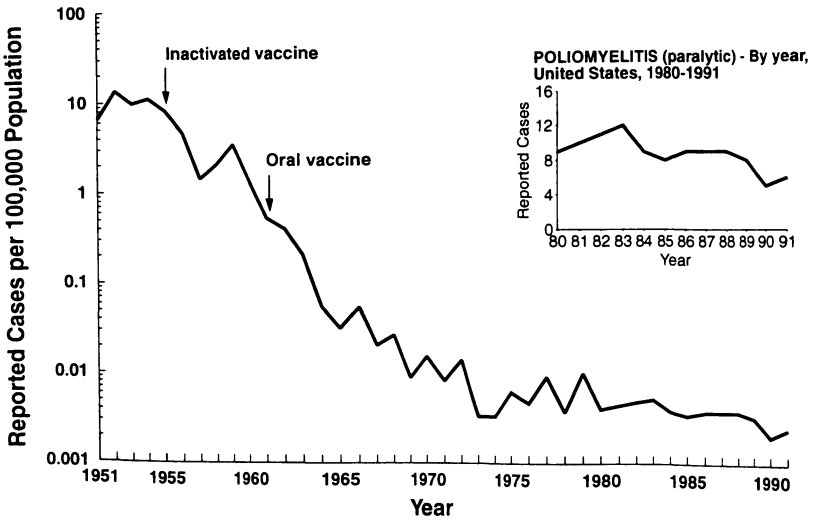
PERTUSSIS (whooping cough) — Reported cases per 100,000 population, United States, 1991



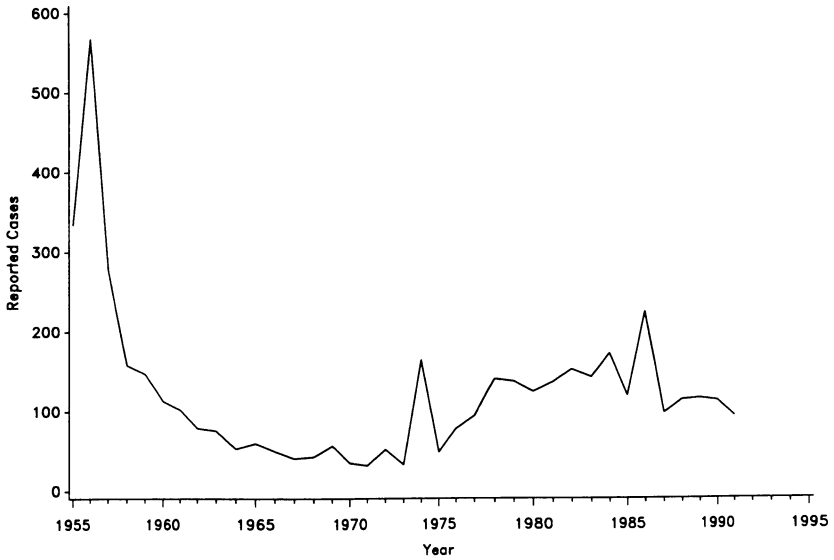
PLAGUE – In humans, by year, United States, 1955–1991



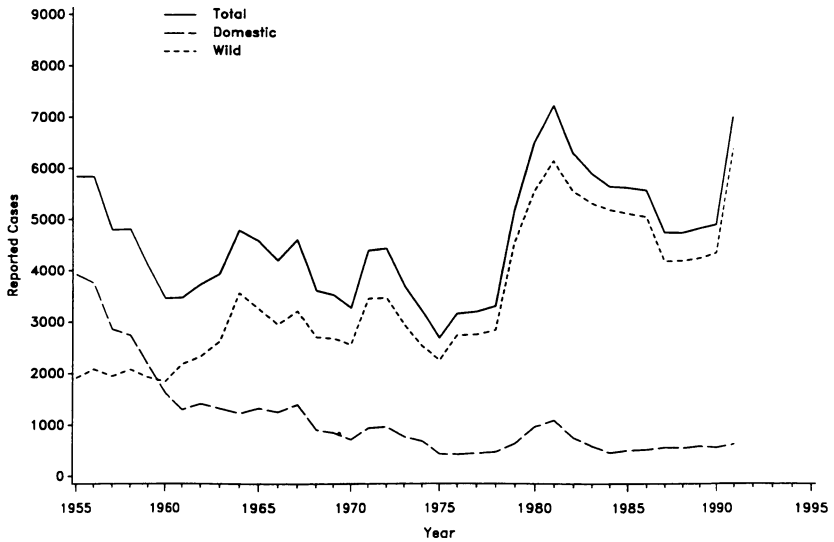
POLIOMYELITIS (paralytic) – By year, United States, 1951–1991



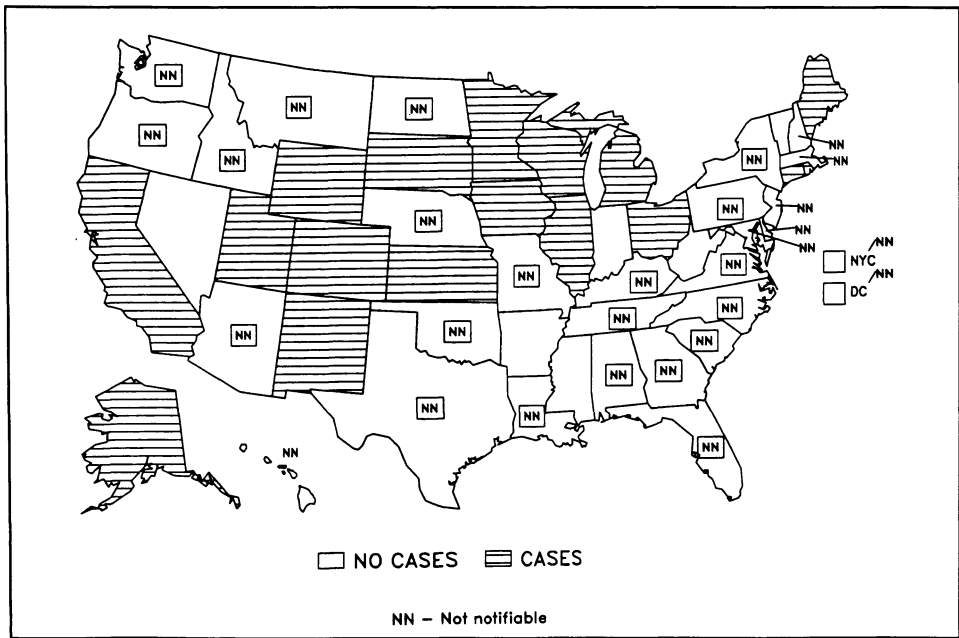
PSITTACOSIS – By year, United States, 1955–1991



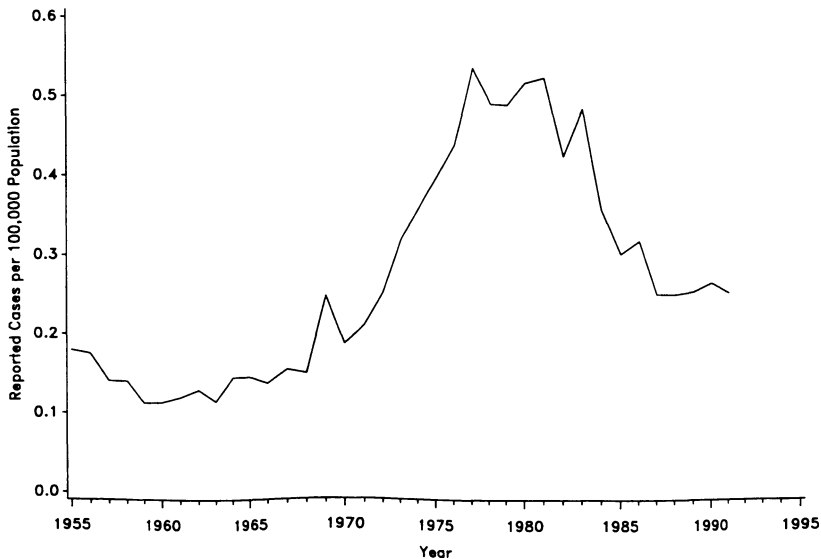
RABIES – Wild and domestic animals, by year, United States and Puerto Rico, 1955–1991



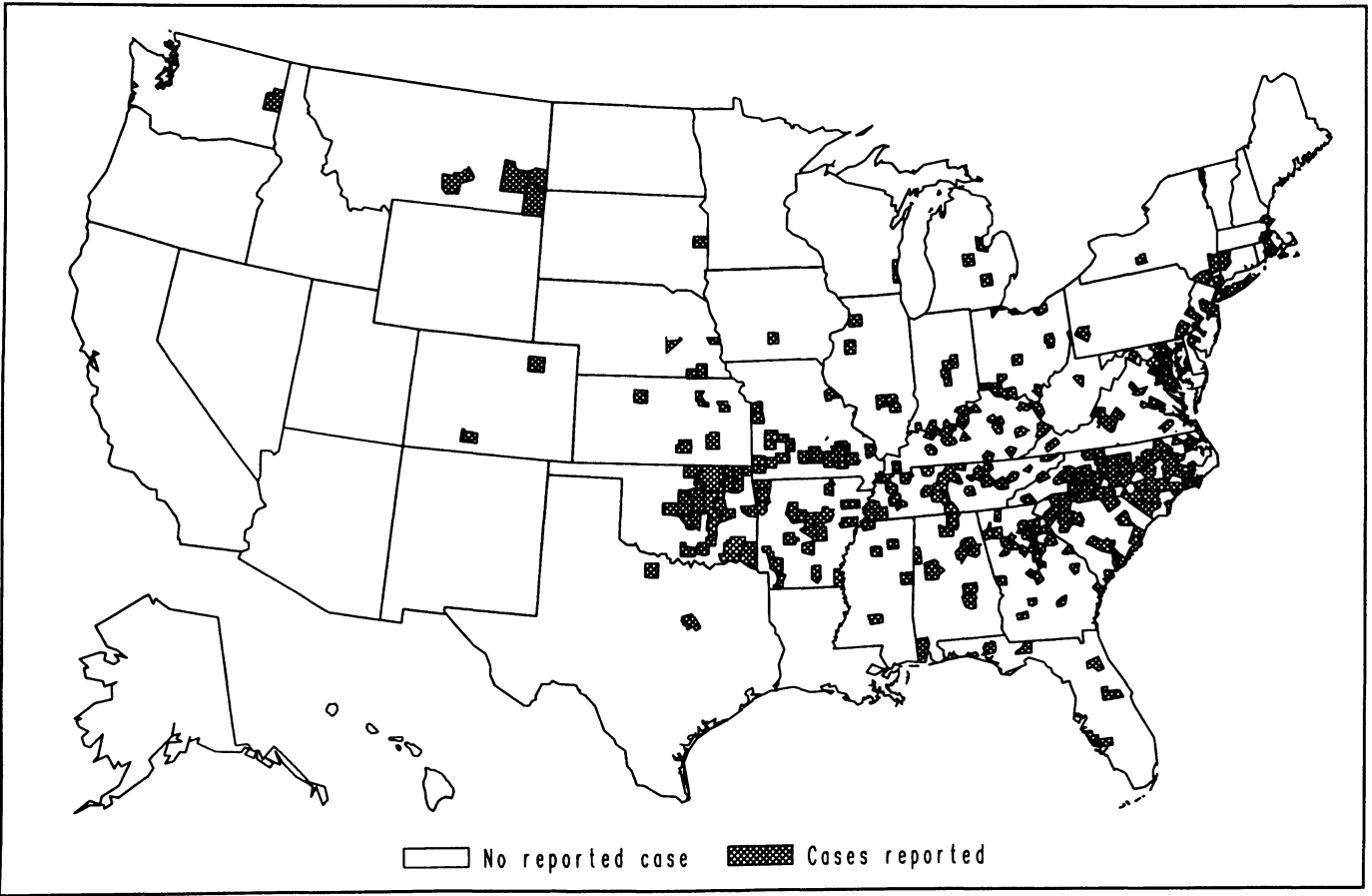
RHEUMATIC FEVER – Reported cases, United States, 1991



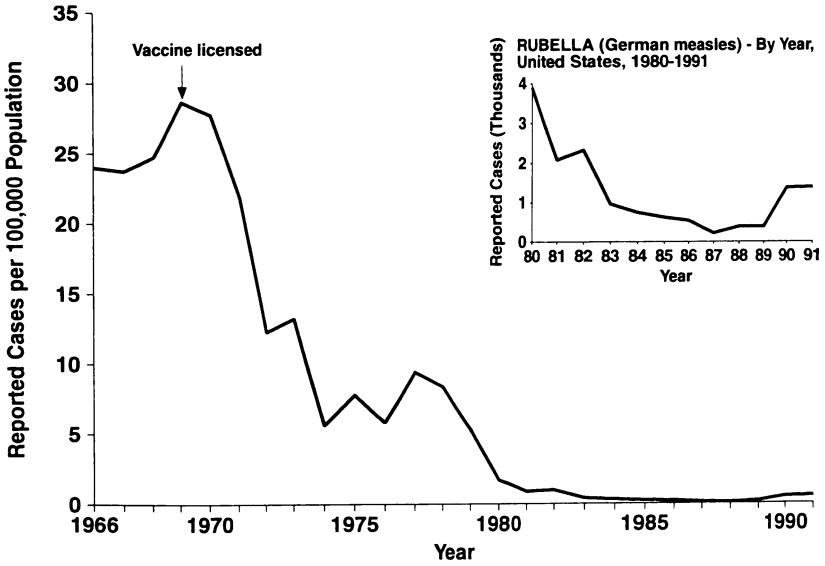
ROCKY MOUNTAIN SPOTTED FEVER – By year, United States, 1955–1991



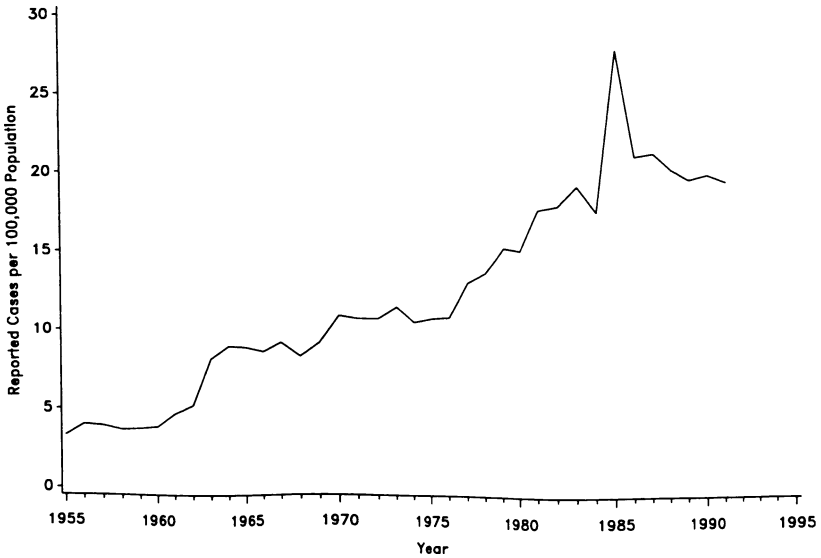
ROCKY MOUNTAIN SPOTTED FEVER — Counties reporting cases, United States, 1991



RUBELLA (German measles) – By year, United States, 1966–1991

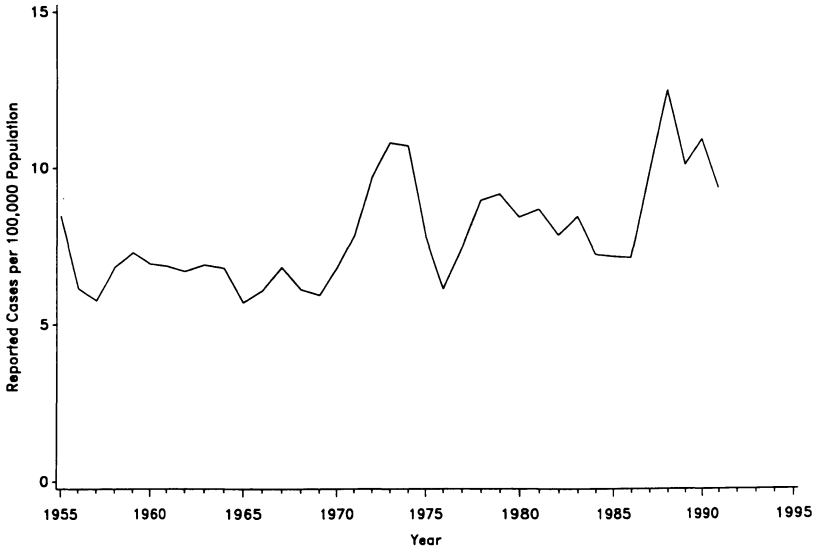


SALMONELLOSIS (excluding typhoid fever) – By year, United States, 1955–1991

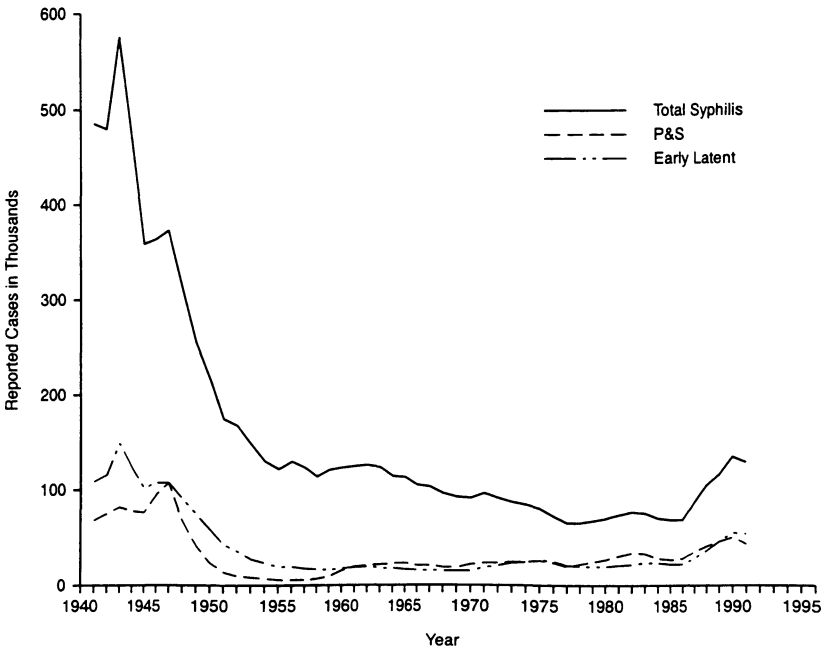


GRAPHS AND MAPS

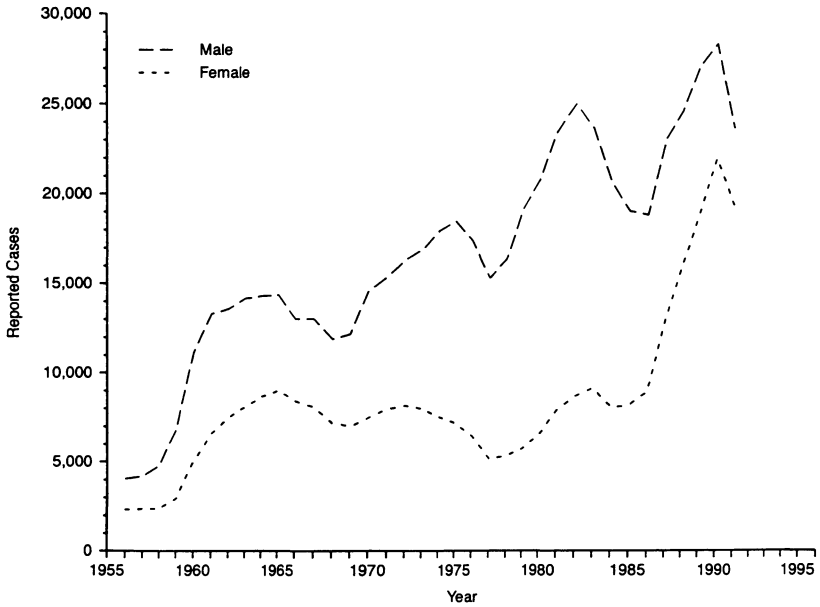
SHIGELLOSIS – By year, United States, 1955–1991



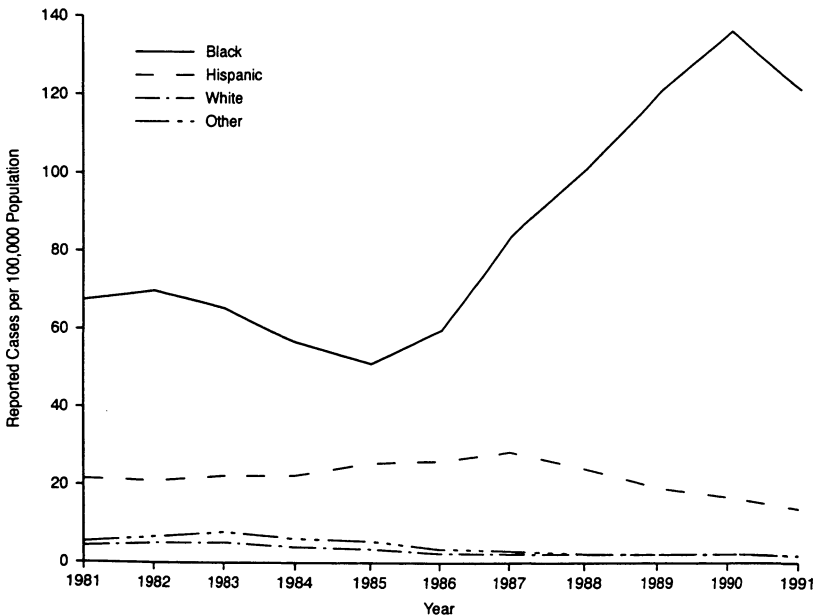
SYPHILIS – By year, United States, 1941–1991



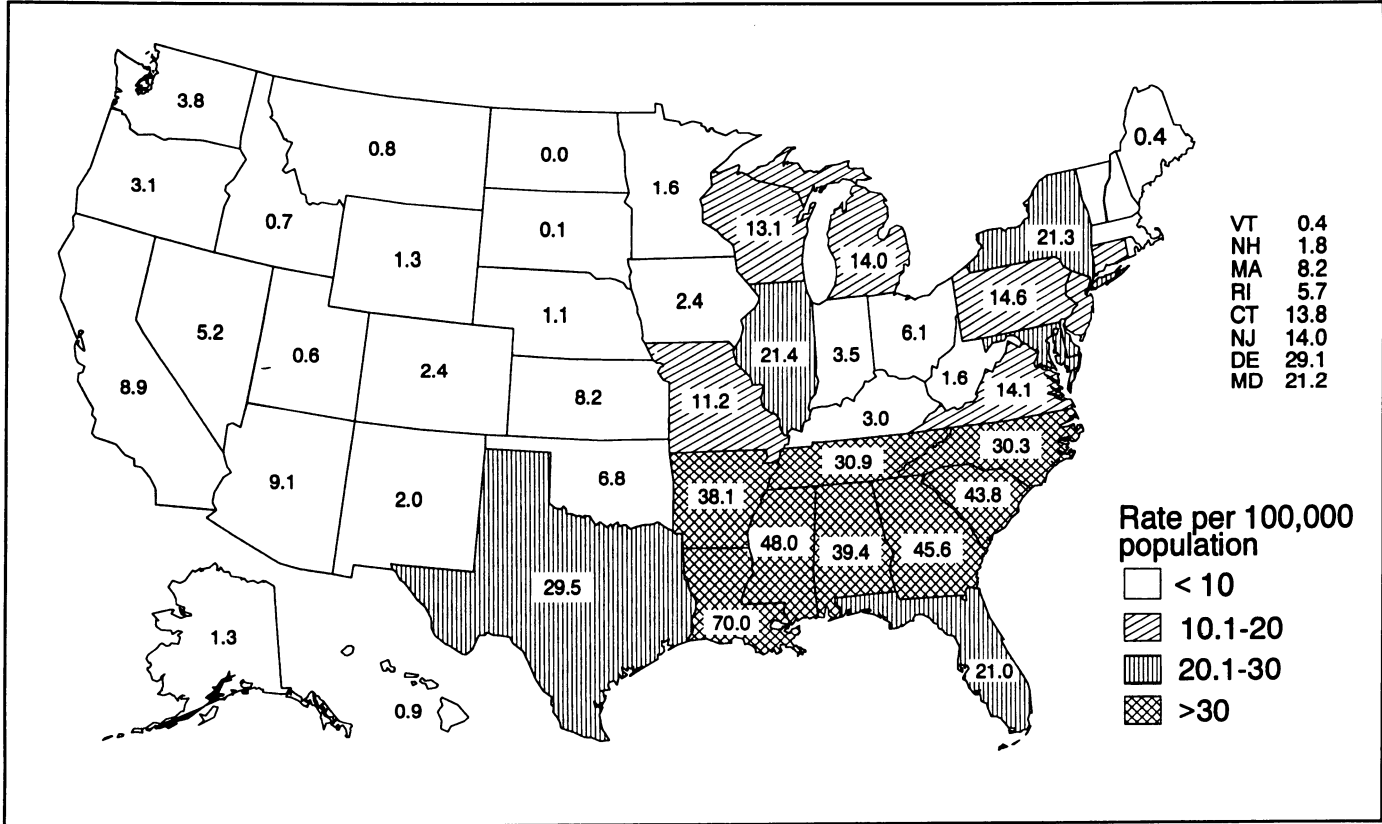
SYPHILIS (primary and secondary) — By sex, United States, 1956–1991



SYPHILIS (primary and secondary) — By race and ethnicity, United States, 1981–1991

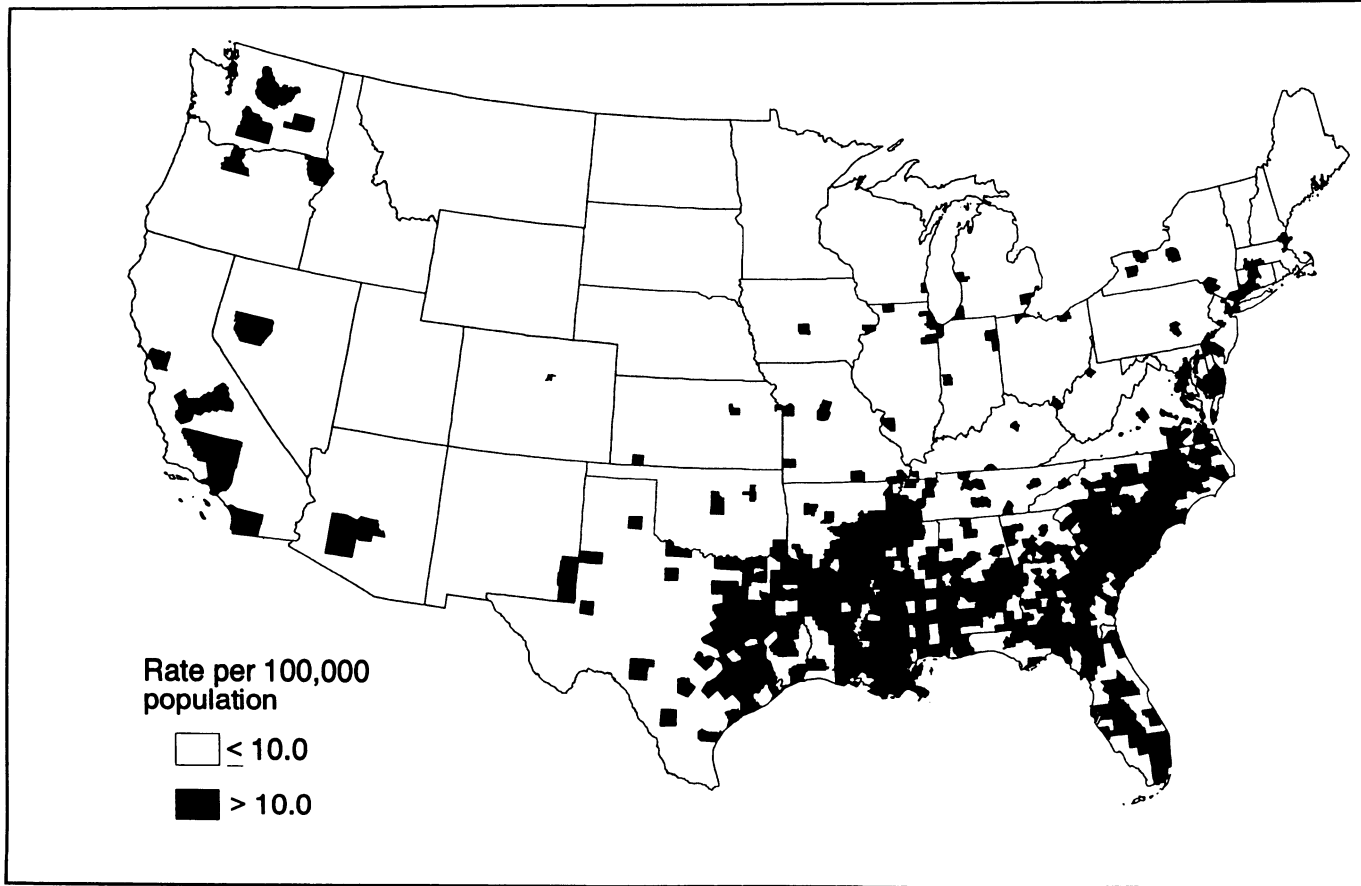


SYPHILIS (primary and secondary) – By state, United States, 1991



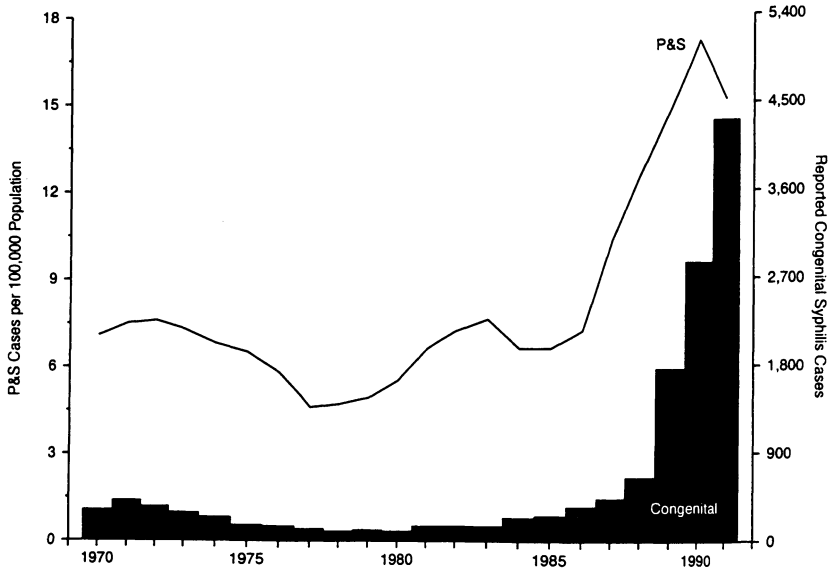
NOTE: The total rate of primary and secondary syphilis for the U.S. was 17.3 per 100,000 population. The year 2000 objective is 10.0 per 100,000 population.

SYPHILIS (primary and secondary) – Counties with rates above and below the year 2000 objective, United States, 1991

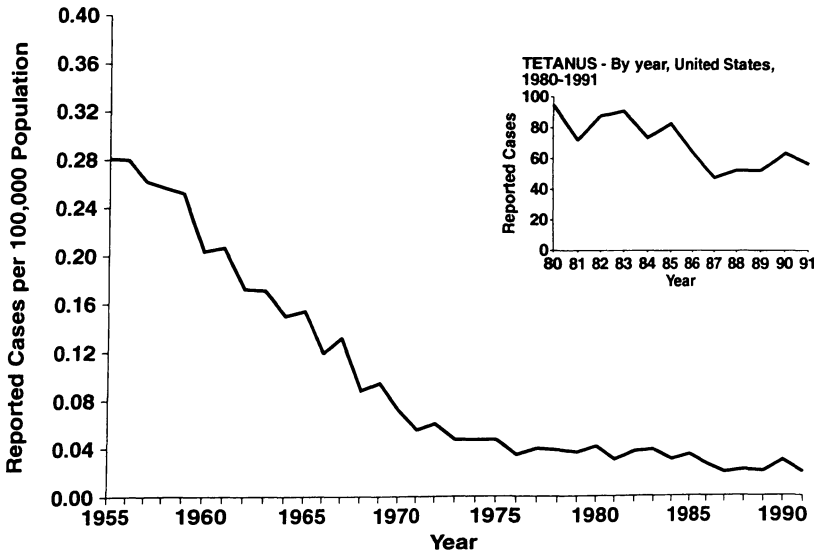


GRAPHS AND MAPS

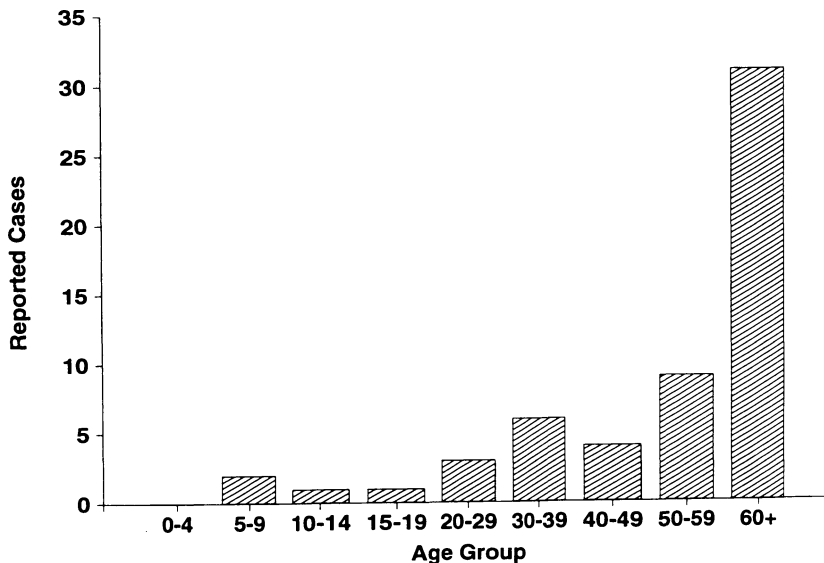
SYPHILIS – Congenital (under 1 year) and primary and secondary (P&S) among women, United States, 1970–1991



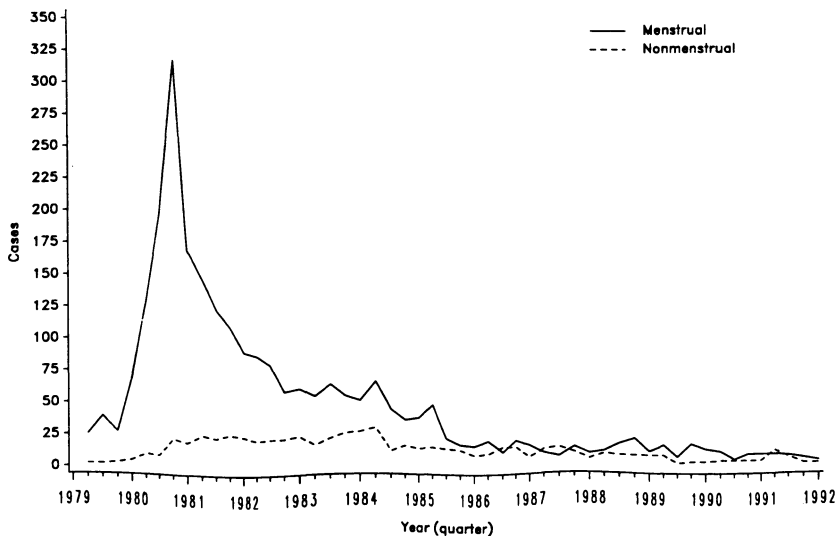
TETANUS – By year, United States, 1955–1991



TETANUS — By age group, United States, 1991



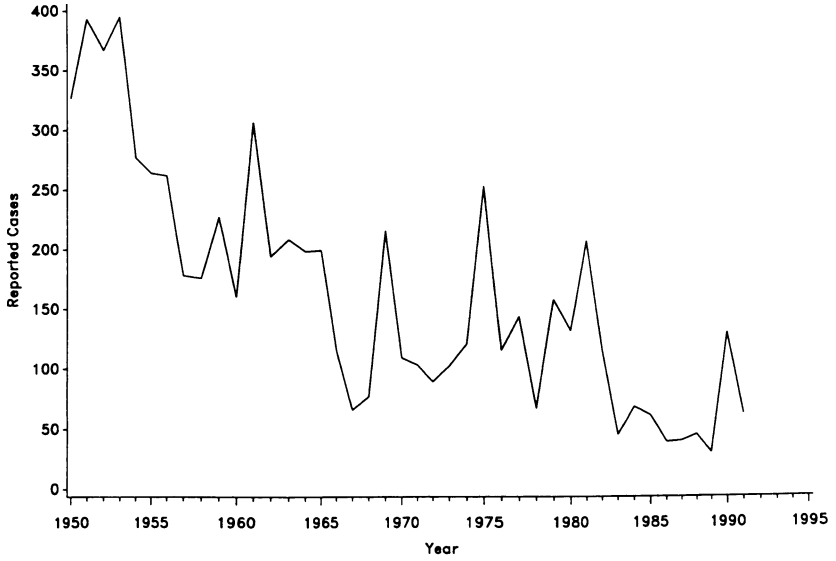
TOXIC-SHOCK SYNDROME — By quarter, United States, 1979–1991*



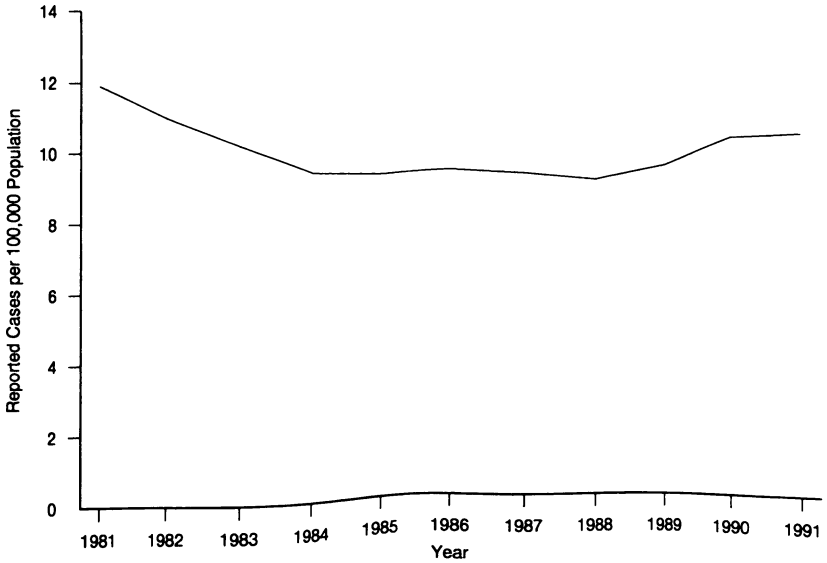
*Includes only cases meeting the CDC case definition. (N=3172)

GRAPHS AND MAPS

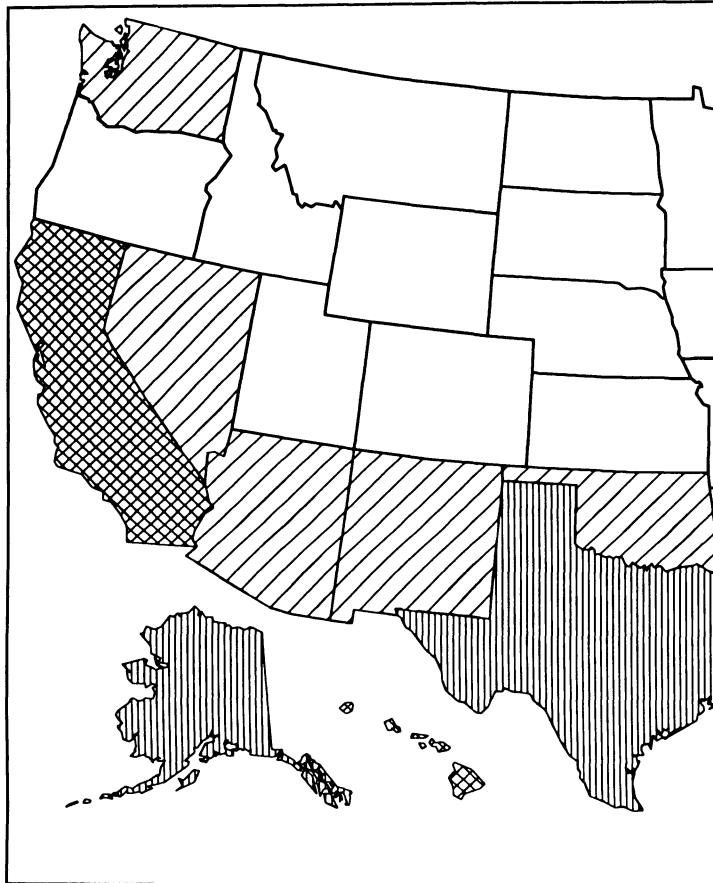
TRICHINOSIS – By year, United States, 1950–1991

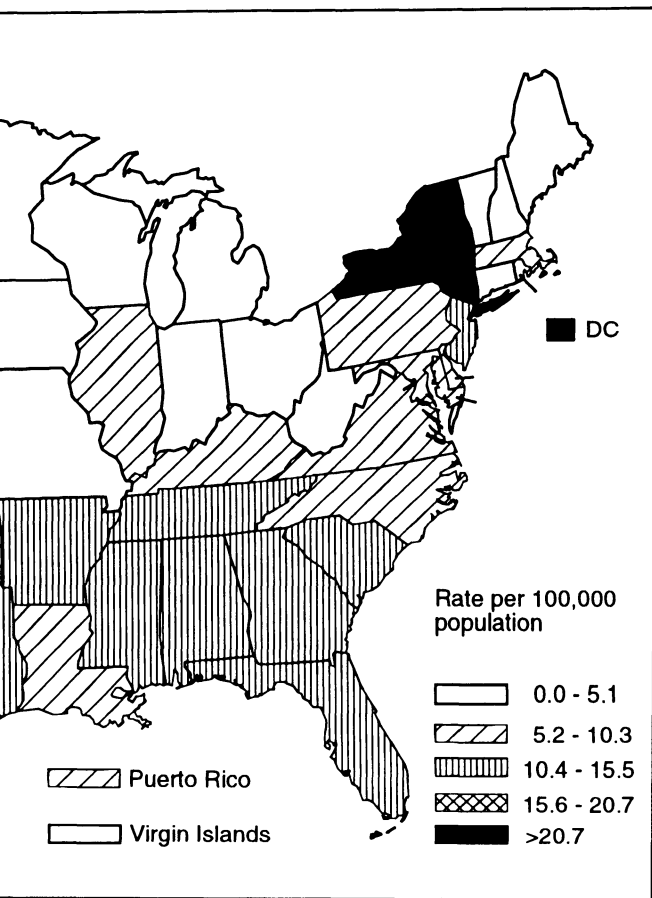


TUBERCULOSIS – By year, United States, 1981–1991

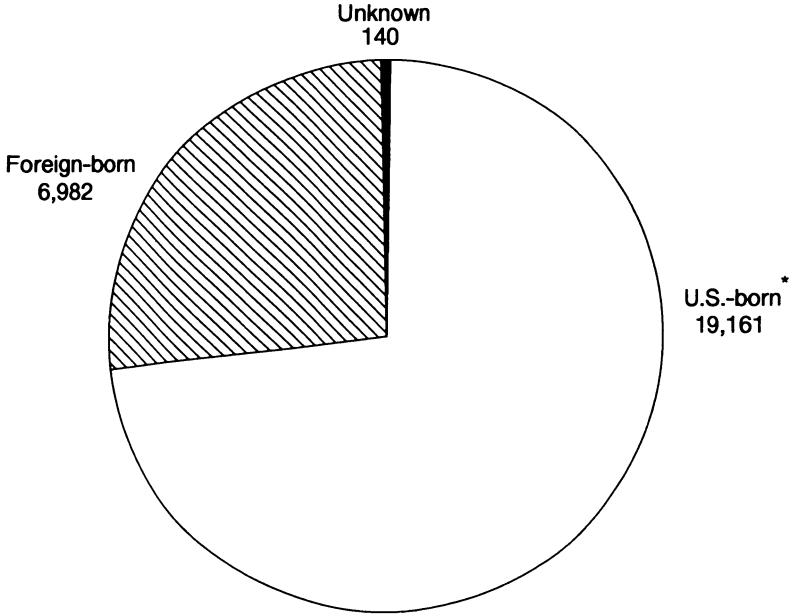


TUBERCULOSIS – Rates by state, United States, 1991



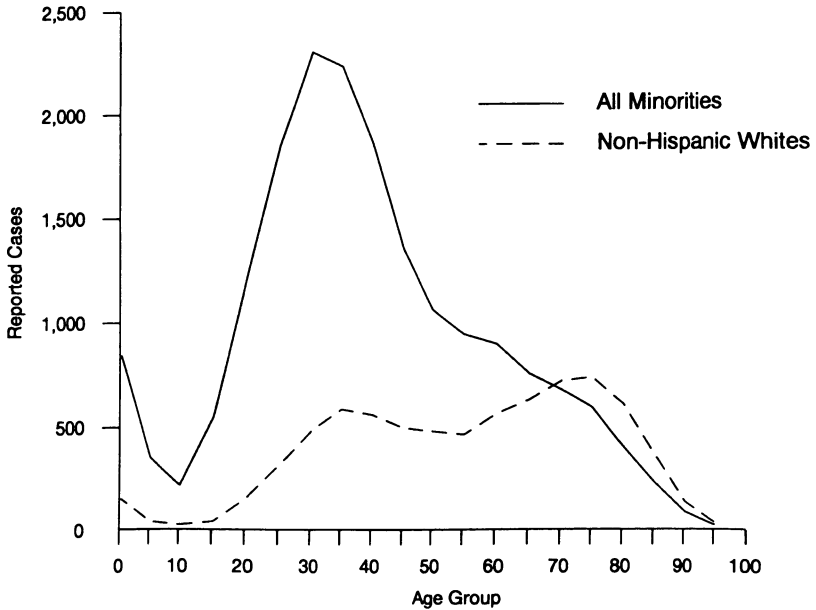


TUBERCULOSIS – Cases, United States-born and foreign-born, 1991

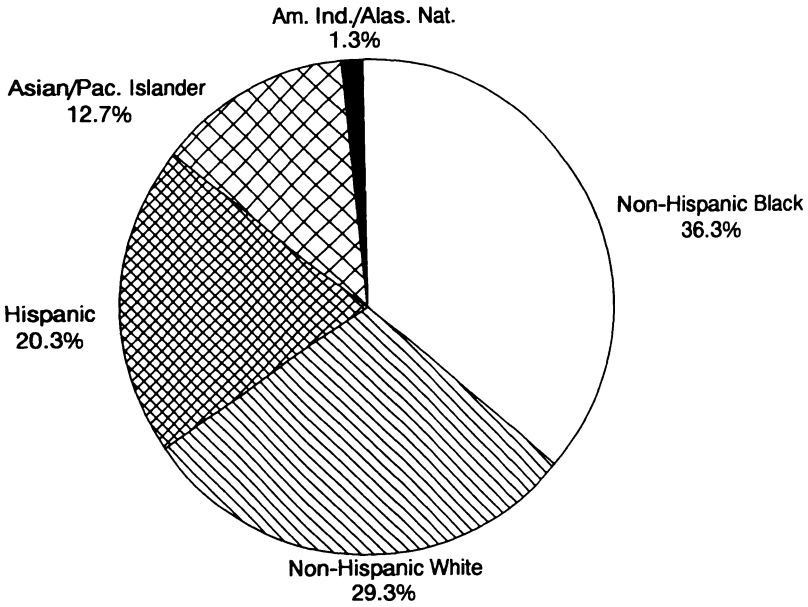


*Includes Puerto Rico-born cases.

TUBERCULOSIS – Frequency distribution of cases by age, race, and ethnicity, United States, 1991

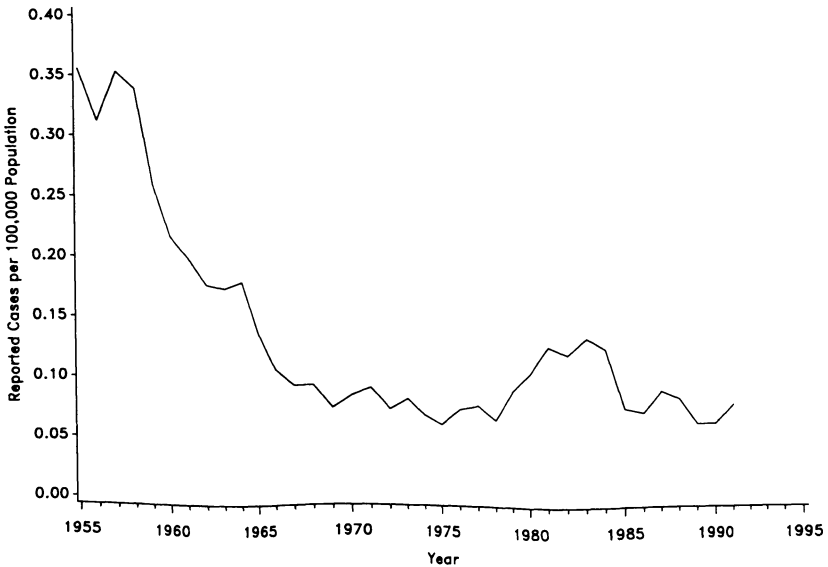


TUBERCULOSIS — Percentages of cases by race and ethnicity, United States, 1991

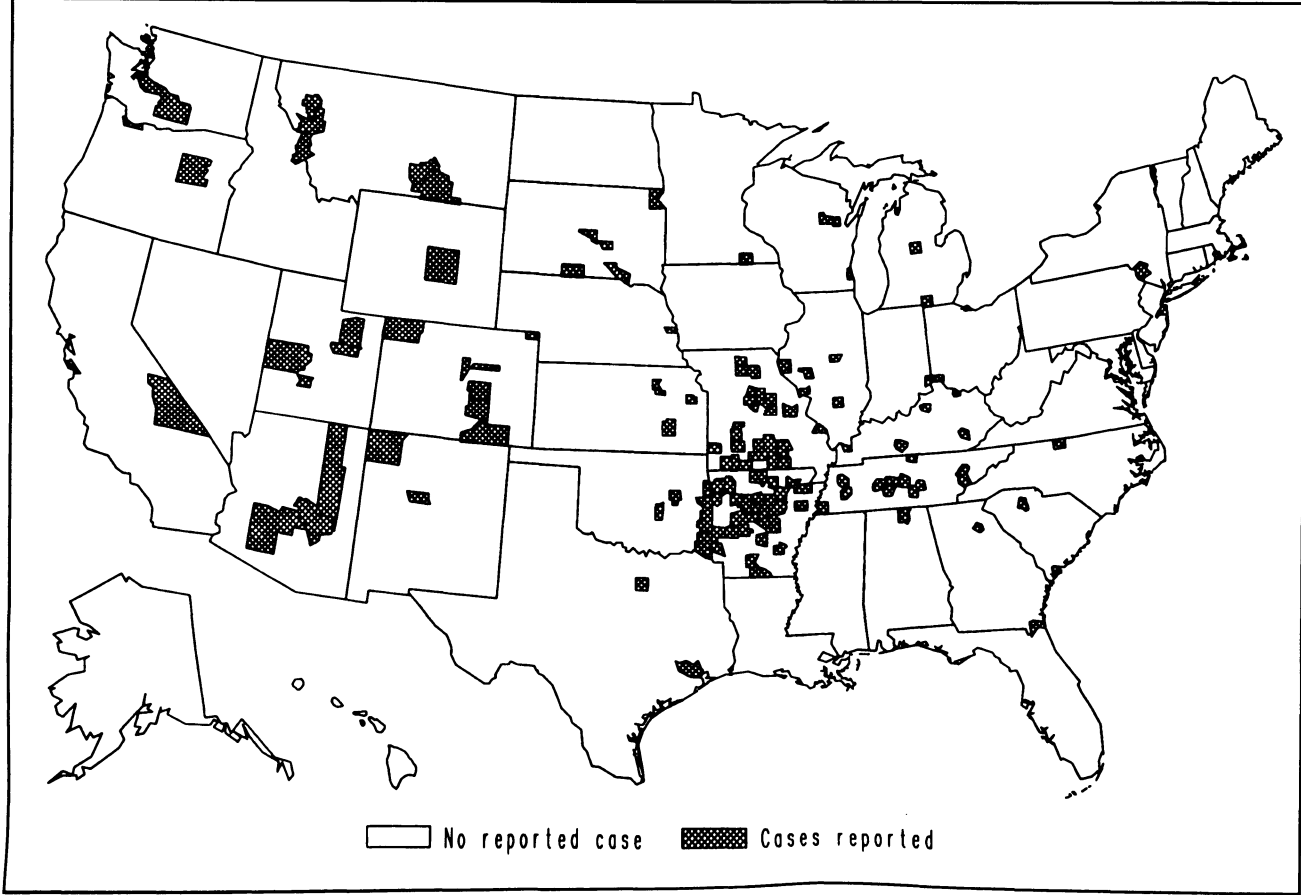


Excludes 17 cases (0.1%) with race/ethnicity unknown.

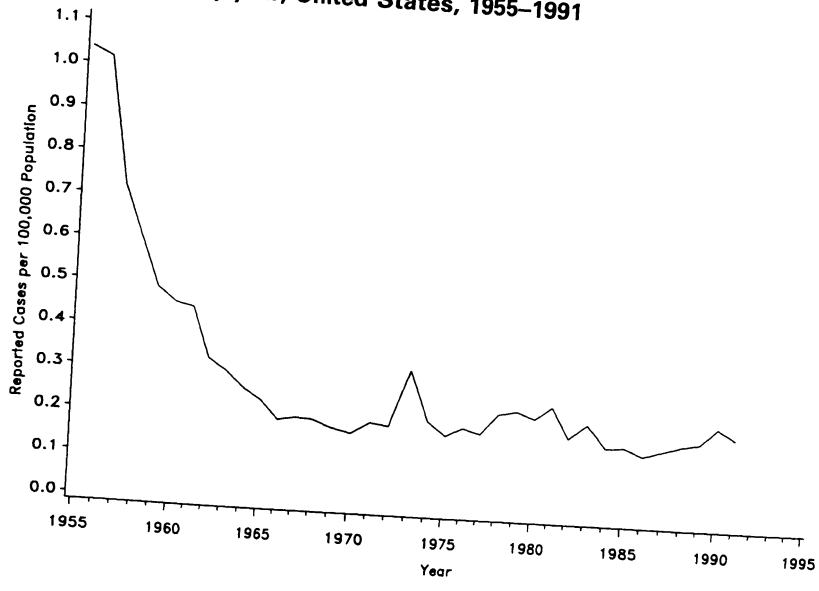
TULAREMIA — By year, United States, 1955–1991



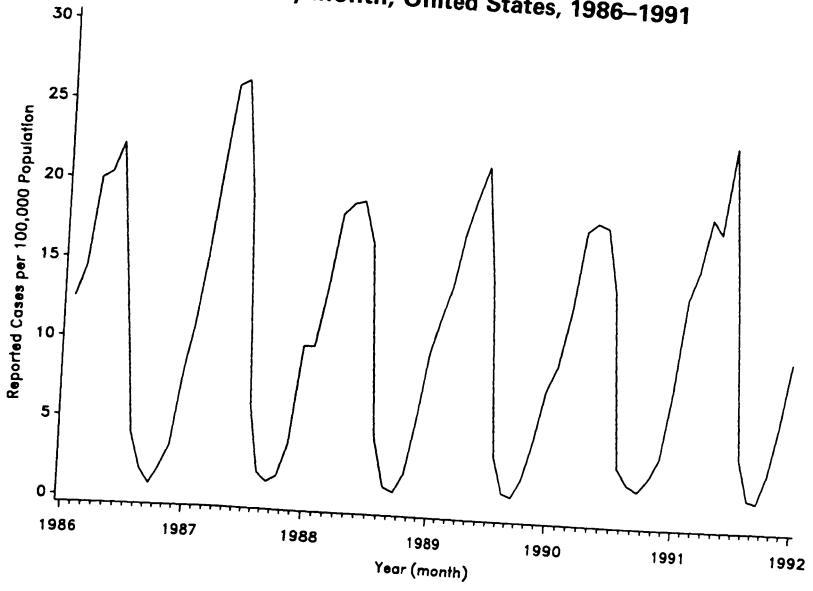
TULAREMIA – Counties reporting cases, United States, 1991



TYPHOID FEVER – By year, United States, 1955–1991



VARICELLA (chickenpox) – By month, United States, 1986–1991



The Board of Directors of the Corporation has the honor to present to you the Annual Report for the year ending December 31, 1990. This report contains information regarding the Corporation's financial performance, operations, and the activities of the Board of Directors during the year.

The Corporation's financial performance for the year ending December 31, 1990, was satisfactory. Total revenues increased by 15% over the previous year, and net income increased by 10%. The Corporation's assets increased by 8% over the previous year, and liabilities decreased by 5%. The Corporation's equity increased by 12% over the previous year.

The Corporation's operations for the year ending December 31, 1990, were successful. The Corporation's sales increased by 15% over the previous year, and its operating expenses decreased by 5%. The Corporation's operating income increased by 10% over the previous year. The Corporation's operating assets increased by 8% over the previous year, and its operating liabilities decreased by 5%. The Corporation's operating equity increased by 12% over the previous year.

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The Corporation's financial performance for the year ending December 31, 1990, was satisfactory. Total revenues increased by 15% over the previous year, and net income increased by 10%. The Corporation's assets increased by 8% over the previous year, and liabilities decreased by 5%. The Corporation's equity increased by 12% over the previous year.

The Corporation's operations for the year ending December 31, 1990, were successful. The Corporation's sales increased by 15% over the previous year, and its operating expenses decreased by 5%. The Corporation's operating income increased by 10% over the previous year. The Corporation's operating assets increased by 8% over the previous year, and its operating liabilities decreased by 5%. The Corporation's operating equity increased by 12% over the previous year.

PART 3

Historical Summary Tables

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TABLE 1. NOTIFIABLE DISEASES – Summary of reported cases, United States, 1982-1991

Disease	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
U.S. total resident population (in thousands)										
July 1 estimate 1982-1989 and 1991; 1990 census.	252,177	248,710	248,239	245,807	243,400	241,078	238,740	236,158	233,981	231,534
Acquired immunodeficiency syndrome (AIDS)	43,672	41,595	33,722	31,001	21,070	12,932	8,249	4,445	.....	.....
Amebiasis	2,989	3,328	3,217	2,860	3,123	3,532	4,433	5,252	6,658	7,304
Anthrax	-	-	-	2	1	-	-	1	-	-
Aseptic meningitis	14,526	11,852	10,274	7,234	11,487	11,374	10,619	8,326	12,696	9,680
Botulism, total (including wound and unsp.)	114	92	89	84	82	109	122	123	133	97
Foodborne	27	23	23	28	17	23	48	19	50	33
Infant	81	65	60	50	59	79	70	99	79	61
Brucellosis	104	85	95	96	129	106	153	131	200	173
Chancroid	3,476	4,212	4,692	5,001	4,998	3,756	2,067	665	847	1,392
Cholera	26	6	-	8	6	23	4	1	5	-
Diphtheria	5	4	3	2	3	-	3	1	1	2
Encephalitis, primary [†]	1,021	1,341	981	882	1,418	1,302	1,376	1,257	360	374
Indeterminate [†]	NA	NA	NA	NA	NA	NA	NA	NA	1,401	1,090
Post-infectious [†]	82	105	88	121	121	124	161	108	34	36
Gonorrhea	620,478	690,169	733,151	719,536	780,905	900,868	911,419	878,556	900,435	960,633
Granuloma inguinale	29	97	7	11	22	61	44	30	24	17
<i>Haemophilus influenzae</i>	2,764	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hansen disease	154	198	163	184	238	270	361	290	259	250
Hepatitis A	24,378	31,441	35,821	28,507	25,280	23,430 [‡]	23,210 [‡]	22,040	21,532	23,403
Hepatitis B	18,003	21,102	23,419	23,177	25,916	26,107 [‡]	26,611 [‡]	26,115	24,318	22,177
Hepatitis non-A, non-B	3,582	2,553	2,529	2,619	2,999	3,634 [‡]	4,184 [‡]	3,871	3,470	2,629
Hepatitis, unspecified	1,260	1,671	2,306	2,470	3,102	3,940 [‡]	5,517 [‡]	5,531	7,149	8,564
Legionellosis	1,317	1,370	1,190	1,085	1,038	948	830	750	852	654
Leptospirosis	58	77	93	54	43	41	57	40	61	100
Lyme disease	9,465	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lymphogranuloma venereum	471	277	189	185	303	396	226	170	335	235
Malaria	1,278	1,292	1,277	1,099	944	1,123	1,049	1,007	813	1,056
Measles (rubella)	9,843	27,786	18,193	3,396	3,655	6,282	2,822	2,587	1,497	1,714
Meningococcal infections	2,130	2,451	2,727	2,964	2,930	2,594	2,479	2,746	2,736	3,056
Mumps	4,264	5,292	5,712	4,866	12,848	7,790	2,982	3,021	3,355	5,270
Murine typhus fever	43	50	41	54	49	67	37	53	62	58
Pertussis (whooping cough)	2,719	4,570	4,157	3,450	2,823	4,195	3,589	2,276	2,463	1,895
Plague	11	2	15	4	12	10	17	31	40	19
Poliomyelitis, paralytic**	6	7	5	9	6	8	7	8	15	8
Psittacosis	94	113	116	114	98	224	119	172	142	152
Rabies, animal	6,910	4,826	4,724	4,651	4,658	5,504	5,565	5,567	5,878	6,212
Rabies, human	3	1	1	-	1	-	1	3	2	-
Rheumatic fever, acute	127	108	144	158	141	147	90	117	88	137
Rocky Mountain spotted fever	628	651	623	609	604	760	714	838	1,126	976
Rubella (German measles)	1,401	1,125	396	225	306	551	630	752	970	2,325
Rubella congenital syndrome	47	11	3	6	5	14	5	2	5	7
Salmonellosis, excluding typhoid fever	48,154	48,603	47,812	48,948	50,916	49,944	65,347	40,861	44,250	40,936
Shigellosis	23,548	27,077	25,010	30,617	23,860	17,138	17,057	17,371	19,719	18,129
Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Syphilis, primary and secondary	42,935	50,223	44,540	40,117	35,147	27,883	27,131	28,607	32,698	33,613
Total all stages	128,569	134,255	110,797	103,437	86,545	68,215	67,563	69,888	74,637	75,579
Tetanus	570	64	53	53	48	64	83	74	91	88
Toxic-shock syndrome	280	322	400	390	372	412	384	482	502	*
Trichinosis	62	128	68	40	30	61	68	65	115	115
Tuberculosis	26,283	25,701	23,495	22,436	22,517	22,768	22,201	22,255	23,846	25,520
Tularemia	193	152	152	201	214	170	177	291	310	275
Typhoid fever	501	552	460	436	400	362	402	390	507	425
Varicella (chickenpox)	147,076	173,099	185,441	192,857	213,196	183,243	178,162	221,983	177,462	167,423
Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Not previously notifiable nationally.

[†]Data for 1984-1991 reflects change in categories for tabulating encephalitis reports which were recorded by date of report to state health departments. Data for previous years are from surveillance records reported by onset date.

[‡]Reports from New York City are not available.

[§]Data for 1982-1991 recorded by date of report to state health department. Data for all previous years are from surveillance records reported by onset date.

**Annual case reports from state health departments; numbers may not reflect changes based on retrospective case evaluations or late reports (see MMWR 1986;35:180-182).

TABLE 2. NOTIFIABLE DISEASES — Summary of reported cases per 100,000 population, United States, 1982-1991

Disease	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Acquired Immunodeficiency syndrome (AIDS)	17.32	16.72	13.58	12.61	8.66	5.36	3.46	1.88	*	
Amebiasis	1.23	1.38	1.34	1.20	1.33	1.47	1.92	2.30	2.95	3.23
Anthrax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aseptic meningitis	6.26	4.77	4.14	2.94	4.72	4.72	4.50	3.57	5.49	4.18
Botulism, total	0.05	0.04	0.04	0.03	0.03	0.05	0.05	0.05	0.06	0.04
Food-borne	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01
Infant	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.04	0.03	0.03
Brucellosis	0.04	0.03	0.04	0.04	0.05	0.04	0.06	0.06	0.09	0.07
Chancroid	1.40	1.70	1.90	2.04	2.07	1.57	0.87	0.28	0.36	0.60
Cholera	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Encephalitis, primary	0.40	0.54	0.40	0.36	0.58	0.54	0.58	0.53	0.15	0.16
Post-infectious	0.03	0.04	0.04	0.05	0.05	0.05	0.07	0.05	0.01	0.02
Gonorrhea	249.48	276.60	297.36	298.74	323.14	376.37	384.51	374.75	387.64	417.45
Granuloma inguinale	0.01	0.00	0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.01
<i>Haemophilus influenzae</i>	1.10					*				
Hansen disease	0.06	0.08	0.07	0.07	0.10	0.11	0.15	0.12	0.11	0.11
Hepatitis A	9.67	12.64	14.43	11.60	10.39	10.02	10.03	9.33	9.20	10.11
Hepatitis B	7.14	8.48	9.43	9.43	10.65	11.17	11.50	11.06	10.39	9.58
Hepatitis non-A non-B	1.42	1.03	1.02	1.07	1.23	1.55	1.81	1.64	1.66	1.39
Hepatitis, unspecified	0.50	0.67	0.93	1.00	1.27	1.69	2.38	2.34	3.09	3.70
Legionellosis	0.53	0.55	0.48	0.44	0.43	0.43	0.37	0.35	0.43	0.35
Leptospirosis	0.02	0.03	0.04	0.02	0.02	0.02	0.02	0.02	0.03	0.04
Lyme disease	3.80					*				
Lymphogranuloma venereum	0.19	0.10	0.08	0.07	0.13	0.16	0.10	0.07	0.14	0.10
Malaria	0.51	0.52	0.51	0.45	0.39	0.47	0.44	0.43	0.35	0.46
Measles (rubeola)	3.82	11.17	7.33	1.38	1.50	2.61	1.18	1.10	0.64	0.74
Meningococcal infections	0.84	0.99	1.10	1.21	1.20	1.09	1.04	1.16	1.17	1.32
Mumps	1.72	2.17	2.34	2.05	5.43	3.37	1.30	1.32	1.55	2.46
Murine typhus fever	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.03
Pertussis (whooping cough)	1.08	1.84	1.67	1.40	1.16	1.74	1.50	0.96	1.05	0.82
Plague	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.01
Polioomyelitis, paralytic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Psittacosis	0.04	0.05	0.05	0.05	0.04	0.09	0.05	0.07	0.06	0.07
Rabies, human	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rheumatic fever, acute	0.12	0.09	0.13	0.14	0.13	0.12	0.07	0.08	0.06	0.09
Rocky Mountain spotted fever	0.25	0.26	0.25	0.25	0.25	0.32	0.30	0.36	0.48	0.42
Rubella (German measles)	0.56	0.45	0.16	0.09	0.13	0.23	0.26	0.32	0.41	1.00
Rubella, congenital syndrome†	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.40
Salmonellosis, excluding typhoid fever	19.10	19.54	19.26	19.91	20.92	20.73	27.37	17.30	18.91	17.68
Shigellosis	9.34	10.89	10.07	12.46	9.80	7.11	7.14	7.36	8.43	7.83
Smallpox										
Syphilis, primary and secondary	17.26	20.10	18.07	16.43	14.54	11.65	11.45	12.20	14.08	14.61
Total all stages	51.69	53.80	44.94	42.37	35.81	28.50	28.50	29.81	32.13	32.84
Tetanus	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04
Toxic-shock syndrome	0.11	0.13	0.16	0.16	0.15	0.19	0.18	0.24	0.24	*
Trichinosis	0.02	0.05	0.01	0.02	0.02	0.02	0.03	0.03	0.02	0.05
Tuberculosis	10.42	10.33	9.46	9.13	9.25	9.44	9.30	9.42	10.19	11.02
Tularemia	0.08	0.06	0.06	0.08	0.09	0.07	0.07	0.12	0.13	0.12
Typhoid fever	0.20	0.22	0.19	0.18	0.16	0.15	0.17	0.17	0.22	0.18
Varicella (chickenpox)	135.82	120.06	121.77	122.43	136.68	122.42	123.23	138.44	99.65	94.37
Yellow fever										

Note: Rates less than 0.01 after rounding are shown as 0.00.

Population data from those states where diseases were not notifiable (NN) or not available (NA) were excluded from rate calculation. Data from the 1990 Census of resident population of states and territories were used to calculate rates for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum, and syphilis.

*Not previously notifiable nationally.

†Per 1,000 live births.

TABLE 3. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1972-1981

Disease	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972
U.S. total resident population, July 1, estimate (in thousands)	229,307	226,505	220,099	218,059	216,332	214,659	213,121	211,390	209,851	208,232
Amebiasis	6,632	5,271	4,107	3,937	3,044	2,906	2,775	2,743	2,235	2,199
Anthrax	-	1	-	6	-	2	2	2	2	2
Aseptic meningitis	9,547	8,028	8,754	6,573	4,789	3,510	4,475	3,197	4,846	4,634
Botulism	103	89	45	105	129	55	20	28	34	22
Brucellosis	185	183	215	179	232	296	310	240	202	196
Chancroid	850	788	840	521	455	628	700	945	1,165	1,414
Cholera	19	9	1	12	3	-	-	-	1	-
Diphtheria	5	3	59	76	84	128	307	272	228	152
Encephalitis, primary	317	1,362	1,504	1,351	1,414	1,651	4,064	1,164	1,613	1,059
Encephalitis, post-infectious	43	40	84	78	119	175	237	218	354	243
Gonorrhea	990,864	1,004,029	1,004,058	1,013,436	1,002,219	1,001,994	999,937	906,121	842,621	767,215
Granuloma inguinale	66	51	76	72	75	71	60	47	62	81
Hansen disease	256	223	185	168	151	145	162	118	146	130
Hepatitis A	25,802	29,087	30,407	29,500	31,153	33,288	35,855	40,358	50,749	54,074
Hepatitis B	21,152	19,015	15,452	15,016	16,831	14,973	13,121	10,631	8,451	9,402
Hepatitis, unspecified	10,975	11,894	10,534	8,776	8,639	7,488	7,158	8,351	*	*
Legionellosis	408	475	593	761	359	235	*	*	*	*
Leptospirosis	82	85	94	110	71	73	93	68	57	41
Lymphogranuloma venereum	263	199	250	284	348	365	353	394	408	756
Malaria	1,388	2,062	894	731	547	471	373	293	237	742
Measles (rubeola)	3,124	13,506	13,597	26,871	57,345	41,126	24,374	22,094	26,690	32,275
Meningococcal infections	3,525	2,840	2,724	2,505	1,828	1,605	1,478	1,346	1,378	1,323
Mumps	4,941	8,576	14,225	16,817	21,436	38,492	59,647	59,128	69,612	74,215
Murine typhus fever	61	81	69	46	75	69	41	26	32	18
Pertussis (whooping cough)	1,248	1,730	1,623	2,063	2,177	1,010	1,738	2,402	1,759	3,287
Plague	13	18	13	12	18	16	20	8	2	1
Poliomyelitis, total	6	9	34	15	18	14	8	7	8	31
Paralytic	6	8	26	9	17	12	8	7	7	29
Psittacosis	136	124	137	140	94	78	49	164	33	52
Rabies, animal	7,118	6,421	5,119	3,254	3,130	3,073	2,627	3,151	3,640	4,369
Rabies, human	2	-	4	4	1	2	2	-	1	2
Rheumatic fever, acute	264	432	629	851	1,738	1,865	2,854	2,431	2,560	2,614
Rocky Mountain spotted fever	1,192	1,163	1,070	1,063	1,153	937	844	754	668	523
Rubella (German measles)	2,077	3,904	11,795	18,269	20,395	12,491	16,652	11,917	27,804	25,507
Rubella, congenital syndrome	19	50	62	30	23	30	30	45	35	42
Salmonellosis, excluding typhoid fever	39,990	33,715	33,138	29,410	27,850	22,937	22,612	21,980	23,818	22,151
Shigellosis	19,859	19,041	20,135	19,511	16,052	13,140	16,584	22,600	22,642	20,207
Smallpox	Last documented case occurred in 1949									
Syphilis, primary and secondary	31,266	27,204	24,874	21,656	20,399	23,731	25,561	25,385	24,825	24,429
Total, all stages	72,799	68,832	67,049	64,875	64,621	71,761	80,356	83,771	87,469	91,149
Tetanus	72	95	81	86	87	75	102	101	101	128
Trichinosis	206	131	157	67	143	115	252	120	102	89
Tuberculosis†	27,373	27,749	27,669	28,521	30,145	32,105	33,989	30,122	30,998	32,882
Tularemia	288	234	196	141	165	157	129	144	171	152
Typhoid fever	584	510	528	505	398	419	375	437	680	398
Varicella (chickenpox)	200,766	190,894	199,081	154,089	188,396	183,990	154,248	141,495	182,927	164,114
Yellow fever	Last indigenous case reported 1911, last imported 1924									

*Not previously notifiable nationally.

†Case data subsequent to 1974 are not comparable to prior years due to changes in reporting criteria which became effective in 1975.

TABLE 4. NOTIFIABLE DISEASES – Summary of reported cases, United States, 1962-1971

Disease	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962
U.S. total resident population, July 1, estimate (in thousands)	206,256	203,805	201,385	199,399	197,457	195,576	193,526	191,141	188,483	185,771
Amebiasis	2,752	2,888	2,915	3,005	3,157	2,921	2,768	3,304	2,886	3,048
Anthrax	5	2	4	3	2	5	7	5	3	9
Aseptic meningitis	5,176	6,480	3,672	4,494	3,082	3,058	2,329	2,177	1,844	2,654
Botulism	25	12	16	7	5	9	19	23	47	10
Brucellosis	183	213	235	218	265	262	262	411	407	409
Chancroid	1,320	1,416	1,104	845	784	838	982	1,247	1,220	1,344
Cholera	1	—	—	—	—	—	2	—	—	—
Diphtheria	215	435	241	260	219	209	164	293	314	444
Encephalitis, primary	1,524	1,580	1,613	1,781	1,478	2,121	1,722	2,002	1,993*	2,094*
post-infectious	439	370	304	502	1,060	984	1,586	—	—	—
Gonorrhea	670,268	600,072	534,872	464,543	404,836	351,738	324,925	300,666	278,289	263,714
Granuloma inguinale	89	124	154	156	154	148	155	135	173	207
Hepatitis A	59,606	56,797	48,416	45,893	38,909	32,859	33,856†	37,740†	42,974†	53,016†
Hepatitis B	9,556	8,310	5,909	4,829	2,458	1,497	—	—	—	—
Hansen disease	131	129	98	123	81	109	96	97	103	80
Leptospirosis	62	47	89	69	67	72	84	142	89	79
Lymphogranuloma venereum	692	612	520	485	371	308	878	732	586	590
Malaria	2,375	3,051	3,102	2,317	2,022	565	147	93	99	118
Measles (rubeola)	75,290	47,351	25,826	22,231	62,705	204,136	261,904	458,083	385,156	481,530
Meningococcal infections	2,262	2,505	2,951	2,623	2,161	3,381	3,040	2,826	2,470	2,150
Mumps	124,939	104,953	90,918	152,208	—	—	—	—	—	—
Murine typhus fever	23	27	36	36	52	33	28	30	35	32
Pertussis (whooping cough)	3,036	4,249	3,285	4,810	9,718	7,717	6,799	13,005	17,135	17,749
Plague	2	13	5	3	3	5	8	—	1	—
Poliomyelitis, total	21	33	20	53	41	113	72	122	449	910
Paralytic	17	31	18	53	40	106	61	106	396	762
Psittacosis	32	35	57	43	41	50	60	53	76	79
Rabies, human	2	3	1	1	2	1	2	1	1	2
Rabies, animal	4,310	3,224	3,490	3,591	4,481	4,178	4,574	4,780	3,929	3,732
Rheumatic fever, acute	2,793	3,227	3,229	3,470	3,985	4,472	4,998	7,491	7,561	7,977
Rocky Mountain spotted fever	432	380	498	298	305	268	281	277	216	240
Rubella (German measles)	45,086	56,552	57,686	49,371	46,888	46,975	—	—	—	—
Rubella, congenital syndrome	68	77	31	14	10	11	—	—	—	—
Salmonellosis, excluding typhoid fever	21,928	22,096	18,419	16,514	18,120	16,841	17,161	17,144	15,390	9,680
Shigellosis	16,143	13,845	11,946	12,180	13,474	11,888	11,027	12,984	13,009	12,443
Smallpox	—	—	—	—	—	—	—	—	—	—
Streptococcal sore throat and scarlet fever	NN	433,405	450,008	435,013	453,351	427,752	395,168	402,334	342,181	315,809
Syphilis, primary and secondary	23,783	21,982	19,130	19,019	21,053	21,414	23,338	22,969	22,251	21,067
Total, all stages	95,997	91,382	92,162	96,271	102,581	105,159	112,842	114,325	124,137	126,245
Tetanus	116	148	192	178	263	235	300	289	325	322
Trichinosis	103	109	215	77	66	115	199	198	208	194
Tuberculosis [‡]	35,217	37,137	39,120	42,623	45,647	47,767	49,016	50,874	54,042	53,315
Tularemia	187	172	149	186	184	208	264	342	327	328
Typhoid fever	407	346	364	395	396	378	454	501	566	608
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Includes primary and post-infectious.

†Includes Hepatitis B.

‡Not previously notifiable nationally.

§Includes new active cases.

TABLE 5. NOTIFIABLE DISEASES – Summary of reported cases, United States, 1952-1961 (Figures exclude Alaska 1952-1958 and Hawaii 1952-1959)

Disease	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952
U.S. total resident population, July 1, estimate (in thousands)	182,992	179,979	176,513	173,320	170,371	167,306	164,308	161,164	158,242	155,687
Amebiasis	2,850	3,424	3,508	4,380	5,031	3,689	3,348	3,523	4,444	4,280
Anthrax	14	23	12	16	26	38	39	22	45	47
Aseptic meningitis*	5,162	1,593				*				
Botulism	14	12	20	6	28	17	16	18	18	18
Brucellosis	636	751	892	924	983	1,300	1,444	1,823	2,032	2,537
Chancroid	1,438	1,680	1,537	1,595	1,637	2,135	2,649	3,003	3,338	3,738
Cholera	-	-	-	-	-	-	-	-	-	-
Dengue	-	-	-	-	-	2	1	6	8	5
Diphtheria	617	918	934	918	1,211	1,568	1,984	2,041	2,355	2,960
Encephalitis, acute infectious	2,248	2,341	2,347	2,587	2,135	2,624	2,166	2,606	1,935	1,912
Gonorrhea	264,158	258,933	240,254	232,386	214,496	224,346	236,197	242,050	238,340	244,957
Granuloma inguinale	241	296	265	314	348	357	490	618	667	951
Hansen disease	63	54	44	39	36	52	75	56	60	57
Hepatitis†	72,651	41,666	23,574	16,294	14,922	19,234	31,961	50,093	33,700	17,428
Leptospirosis	71	53	83	55	47	44	24	48	42	62
Lymphogranuloma venereum	787	835	604	434	448	500	762	875	983	1,200
Malaria	73	72	71	85	132	234	522	715	1,310	7,023
Measles	423,919	441,703	406,162	763,094	486,799	611,936	555,156	682,720	449,146	683,077
Meningococcal infections	2,232	2,259	2,180	2,581	2,691	2,735	3,455	4,436	5,077	4,884
Murine typhus fever	46	68	51	71	113	98	135	163	221	205
Pertussis (whooping cough)	11,468	14,809	40,005	32,148	28,295	31,732	62,786	60,886	37,129	45,030
Plague	3	2	4	-	1	1	-	-	-	-
Poliomyelitis, total	1,312	3,190	8,425	5,787	5,485	15,140	28,985	38,476	35,592	57,879
Paralytic	988	2,525	6,289	3,697	2,499	7,911	13,850	18,308	15,648	21,269
Psittacosis	102	113	147	158	278	568	334	563	169	135
Rabies, human ⁵	3	2	7	5	5	10	4	13	12	24
Rabies, animal	3,599	3,567	4,177	4,787	4,542	5,681	5,799	7,297	8,903	8,445
Rheumatic fever, acute	10,470	9,022	8,285	6,889	6,427	6,562	*	*	*	*
Rocky Mountain spotted fever	219	204	199	243	240	293	295	294	313	327
Salmonellosis, excluding typhoid fever	8,542	6,929	6,606	6,363	6,693	6,704	5,447	5,375	3,946	2,596
Shigellosis (bacillary dysentery)	12,571	12,487	12,888	11,861	9,822	10,306	13,912	13,846	16,533	23,197
Smallpox	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat and scarlet fever	338,410	315,173	334,715	264,097	226,973	176,392	147,502	147,785	132,935	113,677
Syphilis, primary and secondary	19,851	16,145	9,799	7,176	6,576	6,392	6,454	7,147	8,637	10,449
Total, all stages	124,658	122,538	120,824	113,884	123,758	130,201	122,392	130,697	148,573	167,762
Tetanus	379	368	445	445	447	468	462	524	506	484
Trichinosis	306	160	227	176	178	262	264	277	395	367
Tuberculosis ⁴	53,726	55,494	57,535	63,534	67,149	69,895	77,368	79,775	84,304	86,700
Tularemia	365	390	459	587	601	522	584	681	601	668
Typhoid fever	814	816	859	1,043	1,231	1,700	1,704	2,169	2,252	2,341
Yellow fever										

..... Last indigenous case reported 1911; last imported, 1924

*Includes Meningitis, other, for some states in 1961. Not notifiable nationally prior to 1960.

†Does include both hepatitis A and B for 1952-1961; hepatitis A only before 1953.

⁴Registered deaths, 1952-1958.

⁵Includes new active cases.

TABLE 6. NOTIFIABLE DISEASES – Summary of reported cases, United States, 1942-1951

Disease	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
U.S. total resident population, July 1, estimate (in thousands)	153,310	151,235	148,665	146,093	143,446	140,054	132,481	132,885	134,245	133,920
Amebiasis	3,550	4,568	5,543	4,871	3,365	4,093	3,412	3,241	3,329	2,721
Anthrax	60	49	54	60	69	40	40	49	72	94
Botulism	33	20	24	39	44	.....	NA	.....	.....	.....
Brucellosis	3,139	3,510	4,235	4,991	6,321	5,887	5,049	4,436	3,733	3,228
Chancroid*	4,233	4,977	6,707	7,661	9,515	7,091	5,515	7,878	8,354	5,477
Cholera	—	—	—	—	—	—	—	—	—	—
Dengue	16	26	46	24	35	40	106	61	123	171
Diphtheria	3,983	5,796	7,969	9,493	12,262	16,354	18,675	14,150	14,811	16,260
Encephalitis, acute infectious	1,123	1,135	903	730	785	728	785	788	771	666
Gonorrhoea*	254,470	286,746	317,950	345,501	380,666	368,020	287,181	300,676	275,070	212,403
Granuloma inguinale*	1,352	1,783	2,402	2,469	2,330	2,232	1,857	1,759	1,748	1,278
Hansen disease	57	44	41	63	56	43	40	37	35	70
Hepatitis A	7,349	2,820	2,027	709	1,092	.....	.....	NA	.....	.....
Leptospirosis	9	30	17	18	14	.....	.....	NA	.....	.....
Lymphogranuloma venereum*	1,300	1,427	1,925	2,429	2,526	2,603	2,631	2,858	2,593	1,888
Malaria	5,600	2,184	4,151	9,606	15,116	48,610	62,763	57,626	54,554	60,077
Measles	530,118	319,124	625,281	615,104	222,375	659,843	146,013	630,291	633,627	547,413
Meningococcal infections	4,164	3,788	3,519	3,376	3,420	5,693	8,208	16,312	18,223	3,823
Murine typhus fever	378	685	985	1,171	2,050	3,365	5,193	5,401	4,528	3,736
Pertussis (whooping cough)	68,687	120,718	69,479	74,715	156,517	109,860	133,792	109,873	191,890	191,383
Plague	1	3	3	—	1	—	—	1	1	1
Poliomyelitis, total	28,386	33,300	42,033	27,726	10,827	25,698	13,624	19,029	12,450	4,167
Psittacosis	25	26	35	32	27	28	27	6	1	23
Rabies, human†	18	18	10	24	26	34	43	56	47	36
Rabies, animal‡	8,008	7,901	7,587	8,495	8,920	10,850	9,928	10,487	9,649	7,137
Rocky Mountain spotted fever	347	464	570	547	596	587	472	470	473	498
Salmonellosis	1,773	1,233	1,243	882	951	723	649	712	731	504
Shigellosis (bacillary dysentery)	32,215	23,367	29,080	23,753	17,048	24,286	34,943	38,290	31,590	25,572
Smallpox	—	—	49	57	176	337	346	397	765	865
Streptococcal sore throat and scarlet fever	84,151	64,494	87,220	91,295	93,595	125,511	185,570	200,539	150,362	135,755
Syphilis, primary and secondary*	14,485	23,939	41,942	68,174	93,545	94,957	77,007	78,443	82,204	75,312
Total, all stages*	174,924	217,558	256,463	314,313	355,592	963,647	359,114	467,755	575,593	479,601
Tetanus	506	486	579	601	560	.....	.....	NA	.....	.....
Trichinosis	393	327	353	487	451	.....	.....	NA	.....	.....
Tuberculosis‡	118,491	121,742	134,865	137,006	134,946	119,256	114,931	126,294	120,253	117,204
Tularemia	702	927	1,179	1,086	1,401	1,355	900	781	966	1,024
Typhoid fever	2,128	2,484	2,795	2,840	3,075	3,268	4,211	4,599	4,690	5,595
Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Data reported for fiscal years, 1942-1946; calendar years beginning in 1947.

†Registered deaths.

‡Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration.

§Includes newly reported active and inactive cases.

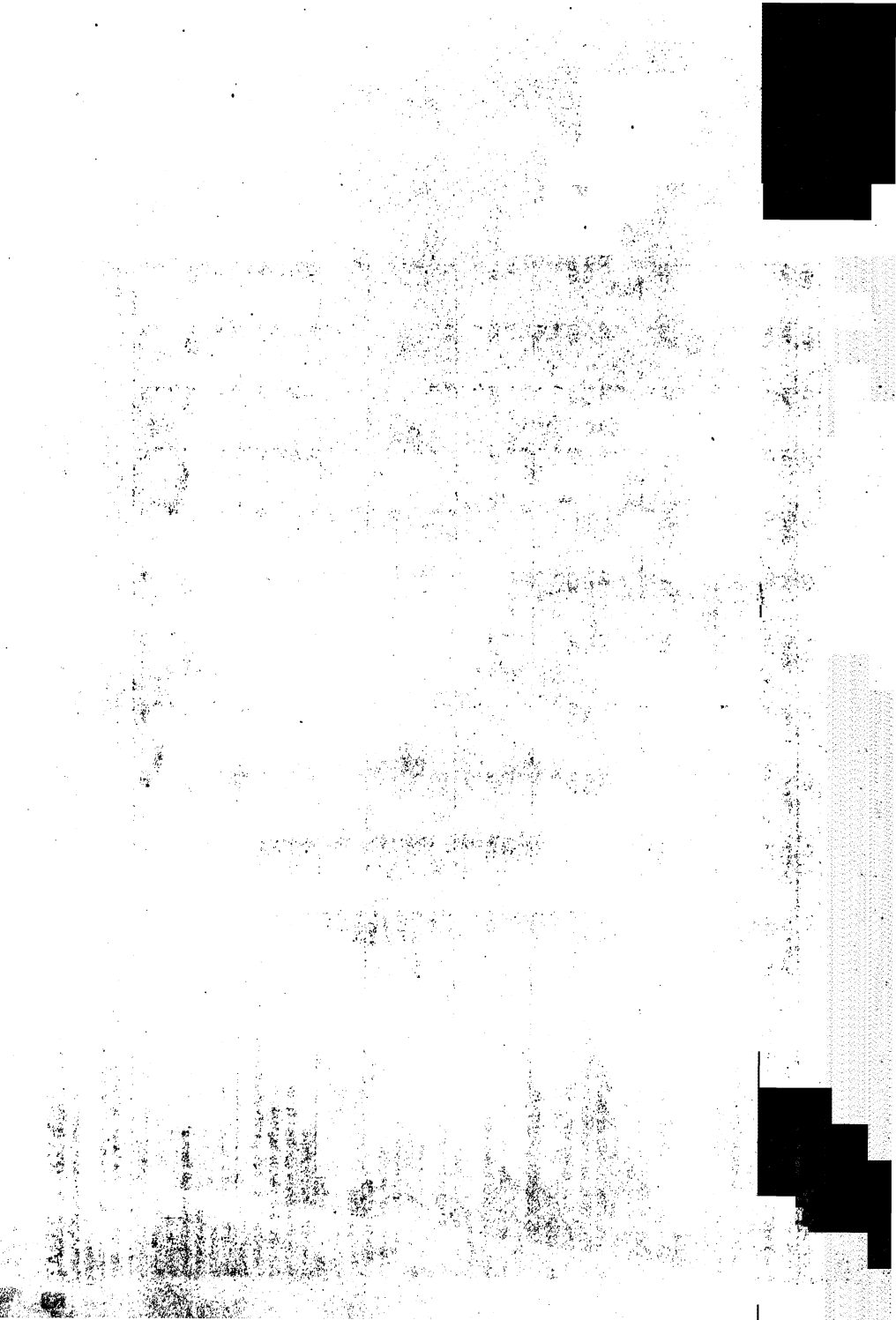
TABLE 7. NOTIFIABLE DISEASES – Deaths from specified notifiable diseases, United States, 1980-1989, (Numbers in ICD statistics column refer to the category numbers listed in the *Ninth Revision of the International Classification of Diseases, 1975.*)

Cause of Death	ICD	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
AIDS*	*042.*044	22,082	16,602	13,468	10,900	6,040	2,943	1,141	NA	NA	NA
Amebiasis	006	4	7	9	8	10	10	21	7	16	22
Anthrax	022	-	-	-	-	-	-	-	-	-	-
Botulism, foodborne	005.1	2	1	-	1	4	4	7	4	3	5
Brucellosis	023	-	2	1	1	1	-	-	2	1	-
Chancroid	099.0	-	-	-	-	-	-	-	-	-	-
Cholera	001	-	-	1	-	1	-	-	-	3	1
Diphtheria	032	-	-	1	-	-	-	-	1	-	1
Encephalitis, acute infectious†	062-064,049	143	133	146	230	153	168	169	166	164	188
Gonococcal infections	098	4	3	7	7	2	3	4	6	4	7
Granuloma inguinale	099.2	-	-	-	-	-	-	-	-	-	1
Hansen disease (Leprosy)	030	4	-	1	1	2	6	3	3	2	-
Hepatitis, viral, infectious (Hep A)	070.0,070.1	88	70	77	65	80	77	82	83	93	112
Hepatitis, viral, serum (Hep B)	070.2,070.3	711	621	595	557	490	465	438	375	359	294
Hepatitis, viral, other and unsp.	070.4-070.9	717	599	510	384	372	327	343	356	410	403
Leptospirosis	100	-	2	1	-	4	-	5	4	5	2
Lymphogranuloma venereum	099.1	2	-	-	-	3	-	-	1	1	1
Malaria	084	11	7	5	5	13	7	3	2	7	-
Measles (rubeola)	055	32	3	2	2	4	1	4	2	2	11
Meningococcal infections	036	273	278	258	286	257	300	299	364	459	387
Mumps	072	3	2	2	-	-	1	2	2	1	2
Murine typhus fever	081.0	1	-	-	-	1	-	-	-	-	-
Pertussis (whooping cough)	033	12	4	1	6	4	7	5	4	6	11
Plague	020	-	-	1	-	1	3	5	3	3	5
Poliomyelitis	045.0-045.9	-	1	-	-	3	-	-	-	-	6
Bulbar or poliomyelitis	045.0	-	-	-	-	-	-	-	-	-	-
With other paralysis	045.1	-	-	-	-	-	-	-	-	-	2
Non-paralytic	045.2	-	-	-	-	-	-	-	-	-	-
Unspecified	045.9	-	1	-	-	3	-	-	-	-	4
Psittacosis	073	1	1	2	-	1	-	1	-	-	-
Rabies	071	1	-	1	-	-	2	2	-	1	-
Rheumatic fever, acute	390-392	70	76	42	60	56	70	87	77	96	109
Rocky Mountain spotted fever	082.0	10	20	21	19	22	34	35	40	30	38
Rubella (German measles)	056	4	1	-	1	1	1	3	4	5	1
Salmonellosis, incl. paratyphoid fever	002.1-002.9,003	99	66	105	102	117	90	82	89	105	89
Shigellosis	004	16	8	13	4	17	8	9	9	11	15
Syphilis	090-097	105	85	98	80	80	105	121	126	136	154
Tetanus	037	9	17	16	22	23	20	22	22	31	28
Trichinosis	124	1	-	-	-	1	-	-	-	-	1
Tuberculosis (all forms)	010-018	1,970	1,921	1,755	1,782	1,752	1,729	1,779	1,807	1,937	1,978
Tularemia	021	1	2	4	4	3	2	1	2	1	3
Typhoid fever	002.0	-	2	2	-	-	-	3	2	2	2
Varicella (chickenpox)	052	89	83	89	47	68	53	57	61	84	78

*For 1983-1986, deaths are estimated from death certificates with mention of conditions coded to deficiency of cell-mediated immunity (ICD-9 No. 279.1). Includes other human immunodeficiency virus (HIV)-related deaths and other diseases classifiable as deficiency of cell-mediated immunity. (The asterisks in the ICD column pertain to the ICD code, not a footnote.)

†Arthropod-borne encephalitis and other non-arthropod-borne viral diseases of the central nervous system.

Source: National Center for Health Statistics, CDC, National Vital Statistics System, 1980-1989. Deaths are classified according to the Ninth Revision, ICD.



State and Territorial Epidemiologists and Laboratory Directors

State and Territorial Epidemiologists and Laboratory Directors are gratefully acknowledged for their contributions to this report. The epidemiologists listed below were in the positions shown as of September 4, 1992, and the laboratory directors listed below were in the positions shown as of July 21, 1992.

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