



MORBIDITY AND MORTALITY WEEKLY REPORT

- 1 Summaries of Notifiable Diseases in the United States, 1986
- 49 Historical Summary Tables Covering the Period 1937 - 1986

Summary of NOTIFIABLE DISEASES UNITED STATES 1986

(FORMERLY ENTITLED *ANNUAL SUMMARY* 19__)

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Epidemiology Program Office
Centers for Disease Control
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Foreword

MMWR Summary of Notifiable Diseases, United States, 1986

This volume contains summary tables of the official statistics for calendar year 1986 from the *Morbidity and Mortality Weekly Report (MMWR)* reporting system on the occurrence of notifiable diseases in the United States.

Part 1 contains information on morbidity for each of the 49 currently reportable conditions. The tables show the number of cases of notifiable diseases reported to the Centers for Disease Control (CDC) for 1986, as well as the distribution of cases by month, geographic location, and patient's age.

Part 2 contains graphs and maps depicting summary data for many of the reportable conditions described in tabular form in Part 1.

Part 3 includes tables showing the number of cases of notifiable disease reported to CDC and to the National Office of Vital Statistics for the past 50 years. It also has a table of deaths associated with specified notifiable diseases reported to the National Center for Health Statistics for the period 1975-1984.

As the final publication in each volume of *MMWR*, the *Summary of Notifiable Diseases, United States, 19--*, will close out the *MMWR* series for the stated calendar year. The simplification of the publication into summary tables, graphs, and/or maps – rather than also having explanatory text – will allow production to be expedited.

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 annual reports submitted by the state and territorial departments of health.

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.

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

Center for Infectious Diseases

- AIDS Program (acquired immunodeficiency syndrome)

- Division of Bacterial Diseases (toxic-shock syndrome)

- Division of Vector-Borne Viral Diseases (arboviral infections of the central nervous system)

- Division of Viral Diseases (animal rabies)

Center for Prevention Services

- Division of Quarantine (cholera and plague)

- Division of Tuberculosis Control (tuberculosis)

- Division of Sexually Transmitted Diseases (gonorrhea, syphilis, chancroid, granuloma inguinale, and lymphogranuloma venereum)

Totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the Virgin Islands, Commonwealth of the Northern Mariana Islands (CNMI), and the Pacific Trust Territory, which includes the Republic of Marshalls, Republic of Palau, and the Federated States of Micronesia. Data from the Pacific Trust Territory exclude those for CNMI.

Data from California are provisional. The California Department of Health Services should be contacted for final 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 (e.g., for hepatitis B) and the discovery of new disease entities (e.g., infant botulism and legionellosis) 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.

Mortality data are from the National Center for Health Statistics. Each year these data are also published in *Vital Statistics of the United States, Vol. II*.

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

Data for the 1986 resident population of states and territories are from the U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1010, *State Population and Household Estimates with Age, Sex, and Components of Change*, and Series P-25, No. 1009, *Estimates of the Population of Puerto Rico and the Outlying Areas: 1980 to 1986*. Estimates for New York City and Upstate New York are from *Current Population Reports*, Series P-26, No. 86-A, *Provisional Estimates of the Population of Counties: July 1, 1986*. Estimates for the resident population, by age, sex, and race, are from Series P-25, No. 1000, *Estimates of the Population of the United States, by Age, Sex, and Race: 1980 to 1986*.

Population data from states in which diseases were not notifiable or not available were excluded from rate calculation. Rates in the *1986 Summary of Notifiable Diseases* were calculated using data for the resident population except for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum, and syphilis, for which only data for the civilian resident population were used.

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

PART 1:

**Summaries of
Notifiable Diseases
in the
United States**

NOTIFIABLE DISEASES—Summary of reported cases, by month, United States, 1986

Disease	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Acquired immunodeficiency syndrome (AIDS)	12,932	971	851	992	1,327	1,056	850	1,124	1,109	1,226	1,575	859	992	—
Amebiasis	3,532	275	287	271	309	297	293	351	373	251	294	221	277	33
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aseptic meningitis	11,374	423	341	360	417	556	806	1,441	1,618	1,475	1,002	901	50	—
Botulism, total*	109	9	6	3	10	3	6	5	13	10	7	26	11	—
Food-borne	23	—	3	—	1	—	—	2	5	4	5	3	7	—
Infant	79	9	3	3	9	3	3	2	11	5	3	21	14	1
Brucellosis (undulant fever)	106	9	3	3	9	3	3	2	11	5	3	21	14	1
Cholera	23	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis, primary infections	1,302	88	63	73	58	63	76	143	192	181	132	97	136	—
Encephalitis, post infectious	124	12	9	7	12	13	19	9	11	9	9	5	8	1
Erysipeloid	900,868	70,632	71,058	77,932	67,728	69,241	76,101	79,246	76,046	83,987	79,121	69,294	80,482	—
Erysipeloid, non-A non-B§	23,430	1,842	1,659	1,619	1,573	1,633	1,542	1,851	1,874	2,063	2,107	1,784	2,249	1,834
Erysipeloid, unspecified§	26,107	1,923	1,777	2,063	1,955	2,163	1,926	2,140	1,874	2,063	2,107	1,784	2,249	1,834
Erysipeloid	3,634	242	273	306	316	332	309	324	2,214	1,997	2,164	1,900	2,384	1,501
Erysipeloid	3,940	353	285	314	286	303	242	290	322	266	274	240	259	171
Erysipeloid	948	60	49	68	44	78	53	74	285	287	285	259	376	375
Erysipeloid	270	29	14	32	34	20	24	30	108	90	122	76	121	5
Erysipeloid	41	3	3	4	3	2	4	3	6	16	25	17	21	2
Erysipeloid (rubeola)	1,123	71	41	60	84	80	106	145	146	115	119	75	74	—
Erysipeloid infections, total	6,282	250	538	788	946	806	909	661	537	186	184	118	340	19
Civilian	2,594	280	274	321	262	236	160	167	130	129	165	188	269	13
Military	2,591	280	273	320	262	236	160	167	130	129	165	188	268	13
Mumps	3	—	1	1	—	—	—	—	—	—	—	—	1	—
Pertussis (whooping cough)	7,790	256	266	382	495	756	636	454	523	339	383	650	2,633	17
Plague	4,195	194	230	205	351	211	228	290	443	361	1,220	243	216	3
Poliomyelitis, paralytic	10	—	—	—	—	1	4	—	—	—	—	—	—	—
Psittacosis	3	—	—	1	—	—	—	—	—	—	—	—	—	—
Rabies, human	224	5	4	9	5	15	7	15	12	10	7	1	133	1
Rheumatic fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rubella (German measles)	147	7	8	8	18	18	34	25	2	—	—	—	—	—
Rubella congenital syndrome	551	37	57	44	71	64	69	57	35	25	28	29	27	8
Salmonellosis (excl. typhoid fever)	14	1	—	—	1	—	—	—	—	—	—	—	—	—
Shigellosis	49,984	2,889	2,173	2,406	2,685	3,571	4,478	5,743	6,478	5,630	5,403	3,749	3,850	1,131
Syphilis, primary & secondary†	17,138	1,108	841	889	864	894	1,005	1,781	1,867	2,640	2,092	1,420	1,367	372
Tetanus	27,883	2,121	2,103	2,642	1,930	2,481	2,056	1,904	2,746	2,255	2,298	3,065	2,282	—
Toxic-shock syndrome	64	6	2	2	2	11	6	5	10	10	5	—	—	—
Trichinosis	412	34	29	37	40	33	30	35	33	30	36	28	46	1
Tuberculosis	39	7	5	—	3	1	—	—	—	—	—	—	—	—
Tularemia	22,768	1,482	1,514	1,670	1,827	1,963	1,860	2,054	1,918	1,871	1,951	1,671	2,987	—
Typhoid fever	170	8	2	8	5	12	27	21	18	16	17	20	16	—
Typhus fever	362	28	13	24	33	24	21	30	58	29	37	20	43	2
Flea-borne (endemic, murine)	67	3	4	1	8	18	7	4	3	6	6	2	5	—
Tick-borne (Rocky Mountain spotted)	780	8	1	6	23	86	128	163	136	81	82	18	28	—
Varicella (chickenpox)	183,243	18,687	21,693	29,900	30,553	33,303	19,997	5,893	2,594	1,225	2,879	4,994	11,525	—
Includes wound and unspecified botulism.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Civilian cases only.	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Hepatitis reports from New York City are not available. See footnote, page 6.

NOTE: AIDS total updated through June 13, 1987.

**NOTIFIABLE DISEASES—Reported cases, by geographic division and area,
United States, 1986**

Area	Total Resident Population (In Thousands)	AIDS	Amebiasis	Aseptic Meningitis	Foodborne	Botulism	Other
United States	241,078	12,932*	3,532	11,374	23	79	7†
New England	12,737	524	92	438	—	—	—
Maine	1,173	21	6	45	—	—	—
N.H.	1,027	13	1	49	—	—	—
Vt.	541	5	1	30	—	—	—
Mass.	5,832	279	17	151	—	—	—
R.I.	975	30	—	80	—	—	—
Conn.	3,189	176	67	83	—	—	—
Mid. Atlantic	37,280	4,865	211	1,277	—	11	—
N.Y.(excl.NYC)	10,509	504	55	544	—	1	—
N.Y.C.	7,263	3,290	16	152	—	1	—
N.J.	7,619	773	84	280	—	1	—
Pa.	11,888	298	56	301	—	8	—
E.N. Central	41,737	804	327	2,553	2	1	—
Ohio	10,752	189	74	741	—	1	—
Ind.	5,504	68	44	367	—	—	—
Ill.	11,552	363	78	669	—	—	—
Mich.	9,145	142	48	686	2	—	—
Wis.	4,785	42	83	90	—	—	—
W.N. Central	17,576	239	140	471	—	—	—
Minn.	4,214	97	33	82	—	—	—
Iowa	2,851	20	54	61	—	—	—
Mo.	5,066	71	26	172	—	—	—
N. Dak.	679	3	—	8	—	—	—
S. Dak.	708	2	1	57	—	—	—
Nebr.	1,598	11	4	27	—	—	—
Kans.	2,460	35	22	64	—	—	—
S. Atlantic	40,916	1,853	216	2,044	—	5	—
Del.	633	22	1	47	—	4	—
Md.	4,463	182	14	275	—	1	—
D.C.	626	223	—	23	—	—	—
Va.	5,787	158	44	311	—	—	—
W. Va.	1,918	8	1	106	—	—	—
N.C.	6,333	82	11	266	—	—	—
S.C.	3,377	50	—	37	—	—	—
Ga.	6,104	288	104	266	—	—	—
Fla.	11,675	840	41	713	—	—	—
E.S. Central	15,209	165	27	852	—	—	—
Ky.	3,729	31	15	242	—	—	—
Tenn.	4,803	74	—	161	—	—	—
Ala.	4,052	32	10	377	—	—	—
Miss.	2,825	28	2	72	—	—	—
W.S. Central	26,864	1,179	421	1,714	2	4	—
Ark.	2,372	29	14	36	—	—	—
La.	4,501	161	4	141	—	—	—
Okla.	3,305	49	9	154	1	—	—
Tex.	16,685	940	394	1,383	1	4	—
Mountain	13,023	342	161	361	1	12	7
Mont.	819	5	5	10	—	—	—
Idaho	1,002	3	5	11	—	1	—
Wyo.	507	4	2	12	—	—	1
Colo.	3,267	167	42	88	—	—	—
N. Mex.	1,479	25	26	24	—	2	—
Ariz.	3,319	80	69	153	—	2	6
Utah	1,665	22	8	39	1	7	—
Nev.	963	36	4	24	—	—	—
Pacific	35,737	2,961	1,937	1,664	18	46	—
Wash.	4,462	172	55	136	2	4	—
Oreg.	2,698	63	82	—	1	2	—
Calif.	26,981	2,656	1,788	1,301	7	38	—
Alaska	534	14	2	35	8	—	—
Hawaii	1,062	56	10	192	—	2	—
Guam	127	—	2	3	—	—	—
P.R.	3,274	122	9	84	—	—	—
V.I.	110	3	—	—	—	—	—
Pac. Trust Terr.	NA	—	1,163	3	—	—	—
C.N.M.I.	20	—	19	—	—	—	—
American Samoa	37	—	—	—	—	—	—

NOTE: No cases of anthrax were reported for 1986.

*Updated through June 13, 1987.

†Includes wound and unspecified botulism.

**NOTIFIABLE DISEASES—Reported cases, by geographic division and area,
United States, 1986 (continued)**

Area	Brucellosis	Chancroid	Cholera	Encephalitis		Gonorrhea	Granuloma Inguinale
				Primary Infections	Post- Infections		
United States	106	3,756*	23	1,302	124	900,868*	61*
New England	8	83	—	40	1	23,644	—
Maine	—	—	—	6	—	844	—
N.H.	—	—	—	2	—	592	—
Vt.	—	—	—	8	—	265	—
Mass.	4	79	—	5	—	9,816	—
R.I.	—	1	—	—	—	2,140	—
Conn.	4	3	—	19	1	9,987	—
Mid. Atlantic	4	2,411	1	128	10	142,426	30
N.Y. (excl. NYC)	—	3	—	40	5	19,130	—
N.Y.C.	4	2,391	—	20	1	76,437	30
N.J.	—	—	1†	11	1	19,381	—
Pa.	—	17	—	57	3	27,478	—
E.N. Central	6	25	—	423	19	128,966	1
Ohio	1	9	—	138	4	30,507	—
Ind.	—	—	—	87	3	12,624	—
Ill.	3	4	—	93	12	35,978	1
Mich.	1	9	—	65	—	37,776	—
Wis.	1	3	—	40	—	12,081	—
W.N. Central	16	2	—	109	8	38,143	1
Minn.	—	—	—	44	—	5,403	—
Iowa	2	—	—	28	1	3,996	—
Mo.	4	1	—	13	—	18,720	—
N. Dak.	—	1	—	5	—	304	—
S. Dak.	3	—	—	15	—	783	—
Nebr.	6	—	—	2	1	2,797	—
Kans.	1	—	—	2	6	6,140	1
S. Atlantic	12	697	3	103	50	235,889	24
Del.	—	1	—	6	—	3,817	—
Md.	1	—	1†	27	5	28,365	—
D.C.	—	11	—	1	1	16,816	—
Va.	3	11	—	45	1	18,742	1
W. Va.	—	—	—	1	—	2,100	—
N.C.	1	13	—	18	2	35,670	1
S.C.	—	1	—	—	—	18,997	1
Ga.	—	306	1	—	1	41,668	21
Fla.	7	354	1	5	40	69,714	1
E.S. Central	6	6	—	73	4	70,778	—
Ky.	1	5	—	32	1	7,823	—
Tenn.	2	1	—	12	1	26,864	—
Ala.	2	—	—	29	2	20,744	—
Miss.	1	—	—	—	—	15,347	—
W.S. Central	25	454	18	229	14	101,854	2
Ark.	6	—	—	—	4	9,507	—
La.	1	30	18	26	—	16,862	2
Okl.	—	—	—	21	1	12,099	—
Tex.	18	424	—	182	9	63,386	—
Mountain	9	6	—	30	9	24,553	—
Mont.	1	—	—	1	1	667	—
Idaho	—	—	—	—	—	867	—
Wyo.	—	—	—	—	—	551	—
Colo.	4	—	—	5	—	6,726	—
N. Mex.	2	—	—	3	—	2,553	—
Ariz.	1	6	—	19	—	8,448	—
Utah	1	—	—	—	8	1,124	—
Nev.	—	—	—	2	—	3,617	—
Pacific	20	72	1	167	9	134,615	3
Wash.	—	1	—	15	1	9,848	—
Oreg.	—	—	—	—	—	5,480	—
Calif.	19	71	—	142	8	115,418	3
Alaska	—	—	—	7	—	2,661	—
Hawaii	1	—	1†	3	—	1,208	—
Guam	—	—	2†	1	—	269	—
P.R.	—	83	—	5	1	2,481	4
V.I.	—	35	—	—	—	359	—
Pac. Trust Terr.	—	NA	—	—	—	NA	—
C.N.M.I.	—	NA	—	—	—	NA	—
American Samoa	—	NA	—	—	—	NA	—

NOTE: There were no cases of diphtheria reported for 1986.

*Civilian cases only.

†Imported cases.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area,
United States, 1986 (continued)

Area	Hepatitis A	Hepatitis B	Hepatitis unsp.	Hepatitis non-A non-B	Legionel- losis	Leprosy	Lepto- spirosis	Lympho- granuloma venereum	Malaria
United States	23,430	26,107	3,940	3,634	948	270*	41	396†	1,123§
New England	592	1,948	132	148	60	8	6	25	67
Maine	18	186	2	12	4	—	1	—	2
N.H.	42	116	6	13	4	—	—	—	4
Vt.	22	48	—	16	7	—	—	—	2
Mass.	252	1,035	98	71	31	8	1	22	34
R.I.	45	124	3	12	14	—	1	3	8
Conn.	213	459	25	24	NN	—	3	—	17
Mid. Atlantic	1,308	2,220	120	251	97	18	1	92	145
N.Y. (excl. NYC)	520	798	43	84	NA	1	1	—	55
N.Y.C.	NA¶	NA¶	NA¶	NA¶	14	15	—	89	30
N.J.	383	630	58	63	30	2	—	2	36
Pa.	405	792	19	104	53	—	—	1	24
E.N. Central	1,381	2,814	205	353	285	18	4	12	77
Ohio	383	860	48	57	98	—	1	2	19
Ind.	146	351	48	28	38	—	—	1	2
Ill.	342	500	53	146	24	16	1	2	31
Mich.	289	851	56	83	46	1	1	3	20
Wis.	221	252	—	39	79	1	1	4	5
W.N. Central	714	880	27	137	82	4	5	—	34
Minn.	132	172	2	28	7	2	1	—	11
Iowa	45	94	1	28	15	—	1	—	1
Mo.	126	420	15	39	18	—	3	—	12
N. Dak.	45	16	1	12	4	—	—	—	—
S. Dak.	171	19	1	7	14	—	—	—	3
Nebr.	58	65	1	5	12	—	—	—	4
Kans.	137	94	6	18	12	2	—	—	3
S. Atlantic	2,195	5,474	363	596	214	4	3	192	143
Del.	158	104	13	19	3	—	—	—	1
Md.	198	840	29	84	52	—	—	—	17
D.C.	24	89	4	5	2	—	—	3	6
Va.	153	540	42	77	29	1	1	4	36
W. Va.	69	125	13	22	6	—	—	1	5
N.C.	95	608	54	71	43	—	1	5	7
S.C.	42	694	14	32	19	—	—	—	8
Ga.	188	815	22	45	22	—	—	150	14
Fla.	1,268	1,659	172	243	38	3	1	29	49
E.S. Central	297	1,690	92	170	22	1	1	6	21
Ky.	84	276	12	34	7	—	1	4	6
Tenn.	77	677	54	54	NN	—	—	2	1
Ala.	70	576	15	69	9	1	—	—	10
Miss.	66	161	11	13	6	—	—	—	4
W.S. Central	2,742	2,203	955	315	68	32	9	21	117
Ark.	128	128	24	25	3	1	2	—	1
La.	135	357	24	23	5	2	1	17	20
Okla.	342	218	53	62	19	—	—	2	12
Tex.	2,137	1,500	854	205	41	29	6	2	84
Mountain	2,881	1,982	379	351	39	12	—	1	43
Mont.	84	52	9	11	3	—	—	—	1
Idaho	216	72	7	12	2	—	—	—	2
Wyo.	16	19	7	6	—	—	—	—	—
Colo.	210	264	142	41	8	2	—	—	13
N. Mex.	567	287	21	29	7	—	—	—	5
Ariz.	1,427	890	151	188	11	7	—	—	15
Utah	161	144	32	29	6	1	—	1	4
Nev.	200	254	10	35	2	2	—	—	3
Pacific	11,320	6,896	1,667	1,311	81	173	12	47	476
Wash.	1,384	992	165	172	16	19	—	—	35
Oreg.	1,898	646	13	167	2	—	—	—	19
Calif.	7,916	5,061	1,473	958	59	117	1	47	420
Alaska	108	120	12	8	2	—	NN	—	1
Hawaii	14	77	4	6	2	37	11	—	1
Guam	20	12	21	—	—	1	—	—	2
P.R.	140	331	152	10	—	7	—	—	4
V.I.	1	26	1	1	—	—	1	20	—
Pac. Trust Terr.	299	2	48	—	—	147	—	—	—
C.N.M.I.	1	—	2	—	—	2	—	—	—
American Samoa	32	16	—	—	—	7	—	—	—

*Includes 205 imported cases.

†Civilian cases only.

§Includes 1,086 imported cases.

¶Hepatitis cases reported to the New York City Department of Health are not included in this report; of 2,222 cases reported, 171 cases were confirmed (Hepatitis A, 52; Hepatitis B, 110; and Hepatitis non-A non-B, 9). The remaining 2,051 cases reported were not confirmed or distributed by type.

**NOTIFIABLE DISEASES—Reported cases, by geographic division and area,
United States, 1986 (continued)**

Area	Measles Indigenous	Measles Imported	Meningo- coccal infections	Mumps	Pertussis	Plague	Poliomyelitis Paralytic	Pattacosis
United States	5,955	327*	2,594	7,790	4,195	10	3†	224
New England	88	16	191	74	205	—	—	6
Maine	12	1	20	—	1	—	—	—
N.H.	43	—	9	15	83	—	—	1
Vt.	—	—	20	6	5	—	—	2
Mass.	24	13	76	16	82	—	—	1
R.I.	2	—	22	14	7	—	—	—
Conn.	7	2	44	23	27	—	—	2
Mid. Atlantic	1,907	51	450	210	235	—	—	10
N.Y. (excl. NYC)	74	29	142	79	153	—	—	4
N.Y.C.	940	6	69	17	10	—	—	—
N.J.	876	5	77	51	20	—	—	—
Pa.	17	11	162	63	52	—	—	6
E.N. Central	1,111	30	420	4,209	407	—	1	15
Ohio	—	10	154	150	169	—	—	5
Ind.	28	11	49	283	40	—	—	—
Ill.	694	6	91	2,978	51	—	—	3
Mich.	106	—	81	468	36	—	1	5
Wis.	283	3	45	330	111	—	—	2
W.N. Central	322	22	113	271	1,360	—	—	123
Minn.	45	5	24	84	50	—	—	121
Iowa	132	2	11	96	19	—	—	—
Mo.	24	8	40	23	32	—	—	1
N. Dak.	24	1	1	4	6	—	—	1
S. Dak.	—	—	8	1	14	—	—	—
Nebr.	—	1	13	2	10	—	—	—
Kans.	97	5	16	61	1,229	—	—	—
S. Atlantic	841	57	463	296	800	—	1	16
Del.	1	—	16	1	226	—	—	2
Md.	26	9	52	34	166	—	—	1
D.C.	—	2	6	1	—	—	—	—
Va.	36	24	79	46	56	—	—	1
W. Va.	2	—	4	58	28	—	—	—
N.C.	3	1	69	29	88	—	—	2
S.C.	301	—	44	19	18	—	—	1
Ga.	79	14	69	46	136	—	—	6
Fla.	393	7	124	62	82	—	1	3
E.S. Central	61	9	135	1,613	49	—	—	3
Ky.	—	6	32	133	5	—	—	1
Tenn.	55	1	47	1,476	18	—	—	—
Ala.	1	1	41	4	25	—	—	2
Miss.	5	1	15	NN	1	—	—	—
W.S. Central	688	36	230	433	286	—	—	6
Ark.	281	2	33	183	24	—	—	—
La.	4	—	25	11	16	—	—	2
Okla.	39	—	34	NN	134	—	—	—
Tex.	364	34	138	239	112	—	—	4
Mountain	302	30	117	268	319	7	—	15
Mont.	—	9	11	6	23	—	—	1
Idaho	1	—	6	9	53	—	—	—
Wyo.	—	—	2	—	4	—	—	—
Colo.	3	8	22	17	84	—	—	7
N. Mex.	31	7	15	NN	29	5	—	5
Ariz.	252	6	22	209	78	1	—	—
Utah	13	—	12	16	44	—	—	—
Nev.	2	—	27	11	4	1	—	2
Pacific	635	76	475	416	534	3	1	30
Wash.	147	29	62	30	163	—	—	7
Oreg.	6	6	38	NN	16	—	—	4
Calif.	455	31	359	354	299	3	1§	17
Alaska	—	—	13	8	5	—	—	1
Hawaii	27	10	3	24	51	—	—	1
Guam	4	—	2	9	—	—	—	—
P.R.	62	—	5	36	19	—	—	—
V.I.	—	—	—	17	—	—	—	—
Pac. Trust Terr.	5	—	—	9	3	—	—	—
C.N.M.I.	—	—	—	—	—	—	—	—
American Samoa	2	—	—	8	—	—	—	—

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

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

§Imported case.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1986 (continued)

Area	Animal Rabies	Rheumatic Fever, acute	Rubella		Salmonellosis	Shigellosis	Primary & Secondary	Syphilis Cong. (<1 yr.)	All Stages
			Rubella	Cong. syndrome					
United States	5,504	147	551	14	48,984	17,138	27,883*	359*	68,215*
New England	17	6	10	—	4,666	890	471	7	1,398
Maine	1	1	—	—	230	10	27	—	52
N.H.	1	NN	1	—	252	37	14	—	16
Vt.	2	—	1	—	128	6	9	—	11
Mass.	8	NN	5	—	2,698	676	241	3	711
R.I.	3	4	2	—	276	26	19	—	97
Conn.	2	1	1	—	1,082	135	161	4	511
Mid. Atlantic	693	—	35	8	10,251	1,705	3,896	68	11,196
N.Y.(excl.NYC)	93	NN	25	—	2,030	276	284	1	872
N.Y.C.	—	NN	5	8	2,770†	663†	2,122	50	6,522
N.J.	17	NN	4	—	2,567	375	671	6	1,983
Pa.	583	NN	1	—	2,884	391	819	11	1,819
E.N. Central	150	34	101	—	7,181	1,828	1,014	10	3,421
Ohio	16	29	1	—	1,327	196	143	1	337
Ind.	19	NA	—	—	715	91	103	—	308
Ill.	46	1	75	—	2,959	1,079	532	9	2,027
Mich.	23	4	24	—	1,285	160	198	—	614
Wis.	46	NA	1	—	895	302	38	—	135
W.N. Central	895	16	13	—	2,190	487	201	—	896
Minn.	177	—	1	—	419	63	27	—	108
Iowa	193	6	1	—	285	23	10	—	83
Mo.	73	1	1	—	728	89	110	—	495
N. Dak.	162	2	1	—	77	18	5	—	6
S. Dak.	192	1	—	—	106	134	5	—	12
Nebr.	37	NN	—	—	196	58	12	—	40
Kans.	61	6	9	—	379	102	32	—	152
S. Atlantic	1,464	2	17	—	10,684	1,678	8,300	125	18,856
Del.	1	NN	—	—	301	19	63	—	110
Md.	684	—	1	—	1,642	233	454	2	1,201
D.C.	42	—	—	—	247	235	301	—	780
Va.	200	NN	—	—	1,456	101	326	2	1,022
W. Va.	64	2	—	—	205	19	14	2	287
N.C.	10	NN	—	—	998	83	536	—	1,348
S.C.	78	NN	—	—	1,075	36	699	17	1,423
Ga.	202	—	4	—	1,600	152	1,563	—	3,256
Fla.	183	NN	12	—	3,160	800	4,344	102	9,429
E.S. Central	382	1	4	—	2,034	177	1,768	15	3,837
Ky.	106	1	4	—	401	31	69	1	199
Tenn.	152	NN	—	—	479	40	599	8	1,225
Ala.	115	NN	—	—	733	51	517	5	1,161
Miss.	9	NN	—	—	421	55	583	1	1,252
W.S. Central	721	1	76	3	4,085	3,082	5,291	71	12,757
Ark.	168	1	1	—	536	97	252	—	566
La.	23	—	—	—	623	304	906	6	2,299
Okla.	60	NN	—	—	481	227	166	2	480
Tex.	470	NN	75	3	2,445	2,454	3,967	63	9,412
Mountain	629	71	24	—	1,787	1,963	600	2	1,605
Mont.	205	—	2	—	65	27	7	—	14
Idaho	9	NN	—	—	79	40	15	—	25
Wyo.	254	7	1	—	28	20	4	—	9
Colo.	32	8	1	—	470	255	134	1	346
N. Mex.	7	2	—	—	411	543	78	—	276
Ariz.	102	—	2	—	454	912	256	1	710
Utah	7	54	15	—	126	134	21	—	55
Nev.	13	NN	3	—	154	32	85	—	170
Pacific	553	16	271	3	7,106	5,328	6,342	61	14,249
Wash.	8	NN	9	—	785	321	194	—	458
Oreg.	5	NN	4	—	235	128	126	—	234
Calif.	520	14	250	3	5,578	4,789	5,985	60	13,486
Alaska	20	2	—	—	88	9	2	—	18
Hawaii	—	—	8	—	420	81	35	1	53
Guam	—	1	5	—	213	162	—	—	53
P.R.	47	—	62	—	288	161	820	—	2,415
V.I.	—	7	2	—	20	5	5	—	47
Pac. Trust Terr.	NA	1	1	—	1	3	NA	NA	NA
C.N.M.I.	NA	—	—	—	30	47	NA	NA	NA
American Samoa	NA	3	—	—	3	2	NA	NA	NA

NOTE: No cases of human rabies were reported for 1986.

*Civilian cases only.

†Based on reports to the Division of Bacterial Diseases.

**NOTIFIABLE DISEASES—Reported cases, by geographic division and area,
United States, 1986 (continued)**

Area	Tetanus	Toxic shock syndrome	Trichinosis	Tuberculosis	Tularemia	Typhoid fever	Typhus fever		Varicella (Chicken-pox)
							Murine	RMSF	
United States	64	412	39	22,768	170	362*	67	760	183,243
New England	2	21	14	737	1	14	1	13	20,369
Maine	1	8	—	38	—	—	—	—	2,714
N.H.	—	3	9	31	—	—	1	2	2,552
Vt.	—	1	—	17	—	—	—	—	NN
Mass.	—	6	5	428	1	11	—	4	6,389
R.I.	1	3	—	48	—	—	—	3	3,692
Conn.	—	—	—	175	—	3	—	4	5,022
Mid. Atlantic	6	34	8	4,265	2	34	2	40	8,453
N.Y. (excl. NYC)	1	NA	1	615	—	7	—	20	6,870
N.Y.C.	—	1	—	2,223	—	11	2	6	1,583
N.J.	4	28	3	724	2	11	—	2	NN
Pa.	1	5	4	703	—	5	4	12	NN
E.N. Central	10	63	1	2,642	2	42	1	43	80,275
Ohio	2	18	1	461	—	9	1	29	11,632
Ind.	1	6	—	307	1	2	—	—	NA
Ill.	5	17	—	1,144	—	20	—	9	25,977
Mich.	1	22	—	615	1	5	—	4	42,666
Wis.	1	—	—	115	—	6	—	1	NA
W.N. Central	5	74	1	669	46	11	—	50	25,021
Minn.	—	15	—	155	—	3	—	1	NN
Iowa	—	8	1	46	1	1	—	1	7,711
Mo.	2	29	—	338	32	6	—	25	5,093
N. Dak.	—	3	—	10	—	—	—	1	563
S. Dak.	1	3	—	29	3	—	—	6	788
Nebr.	1	7	—	19	2	—	—	6	499
Kans.	1	9	—	72	8	1	—	10	10,367
S. Atlantic	10	35	5	4,763	13	50	3	332	11,355
Del.	—	1	—	54	—	1	—	2	26
Md.	2	2	—	362	2	16	—	29	1,759
D.C.	—	2	1	169	1	4	—	—	24
Va.	—	9	3	415	3	11	1	51	2,324
W. Va.	1	1	—	124	—	3	—	9	6,692
N.C.	—	5	—	722	3	4	—	129	NN
S.C.	2	9	—	593	—	1	—	70	530
Ga.	2	—	—	846	4	—	—	40	NN
Fla.	3	6	1	1,478	—	10	2	2	NN
E.S. Central	6	7	—	2,032	17	4	—	121	4,328
Ky.	—	7	—	464	7	—	—	26	4,328
Tenn.	3	NN	—	597	8	1	—	47	NN
Ala.	3	NN	—	588	1	1	—	25	NN
Miss.	—	—	—	383	1	2	—	23	NN
W.S. Central	21	61	3	3,011	71	35	53	148	23,258
Ark.	1	4	1	425	49	—	—	18	30
La.	7	NN	—	429	1	5	1	2	NN
Okla.	1	39	—	267	13	2	—	107	NN
Tex.	12	18	2	1,890	8	28	52	21	23,228
Mountain	1	51	—	606	13	16	—	12	7,266
Mont.	—	6	—	34	1	1	—	4	445
Idaho	—	6	—	25	—	—	—	3	NN
Wyo.	—	—	—	4	1	—	—	1	284
Colo.	—	11	—	87	3	1	—	3	NN
N. Mex.	—	3	—	111	2	1	—	1	NN
Ariz.	1	9	—	261	1	9	—	—	4,960
Utah	—	13	—	42	4	3	—	—	170
Nev.	—	3	—	42	1	1	—	—	1,367
Pacific	3	66	7	4,043	5	156	7	1	2,918
Wash.	—	21	—	218	1	3	—	—	NN
Oreg.	—	2	—	136	—	1	—	—	NN
Calif.	3	43	—	3,438	3	143	6	1	1,532
Alaska	—	NN	—	72	1	1	NN	—	NN
Hawaii	—	—	7	179	—	8	1	—	1,386
Guam	—	—	—	44	—	1	—	—	428
P.R.	6	—	—	361	—	5	—	—	4,576
V.I.	—	—	—	1	—	—	—	—	86
Pac. Trust Terr.	—	—	—	165	—	—	—	—	388
C.N.M.I.	—	—	—	23	—	—	—	—	14
American Samoa	—	—	—	NA	—	—	—	—	70

*Includes 141 imported cases and 147 cases unknown origin.

NOTIFIABLE DISEASES—Summary of reported cases, by age group, United States, 1986

Disease	Total	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Age not stated
AIDS	12,932	69	72	23	6	47	616	2,106	6,028	2,646	950	369	—
Cholera	23	—	1	2	2	—	—	2	5	1	5	5	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Gonorrhea	900,868* (.....)	2,224 (.....)	8,039	215,918	337,711	184,586	118,298	(.....)	34,092 (.....)	—	—	—	—
Hepatitis A	23,430	76	1,166	2,520	1,610	1,947	3,953	4,055	4,215	1,400†	826†	1,048†	539
Hepatitis B	26,107	118	148	134	203	2,224	5,735	5,701	5,909	2,035†	1,130†	1,361†	1,279
Hepatitis non-A non-B	3,634	11	32	52	56	269	592	635	732	296†	240†	573†	83
Hepatitis, unspecified	3,940	15	123	334	221	317	678	727	782	252†	143†	228†	96
Measles (rubeola)	6,282	678	1,747	678	1,312	1,159	304	179	125	25†	6†	6†	62
Meningococcal infections, total	2,594	608	643	163	127	254	142	76	125	80†	90†	205†	71
Military	3	—	—	—	—	1	2	—	—	—	—	—	—
Civilian	2,591	608	643	163	127	253	140	76	125	80†	90†	205†	71
Mumps	7,790	142	569	1,768	2,625	1,535	177	84	140	44†	26†	16†	644
Pertussis (whooping cough)	4,195	1,540	1,005	504	272	144	72	84	145	49	23	27	330
Plague	10	—	2	3	—	—	—	—	2	—	2	1	—
Poliomyelitis, paralytic	3	1	1	—	—	—	—	1	—	—	—	—	—
Rubella (German measles)	551	50	79	48	21	44	80	72	53	20†	4†	1†	77
Salmonellosis	49,984	7,286	7,297	2,778	1,681	2,192	3,196	3,224	4,510	2,472†	1,938†	4,921†	7,897
Shigellosis	17,138	504	4,635	2,454	729	640	1,119	1,388	1,860	827†	430†	589†	1,875
Syphilis, primary & secondary	27,883* (.....)	17 (.....)	155	3,133	7,885	6,745	6,771	(.....)	3,177 (.....)	—	—	—	—
Tetanus	64	1	—	—	—	3	1	3	5	4†	5†	36†	1
Tuberculosis	22,768	109	615	280	210	513	1,206	1,871	3,874	3,015	3,138	7,930	7
Typhoid fever	362	2	34	29	35	34	57	33	69	27†	11†	25†	4

*Civilian cases only. Age distributions are estimated.

†Data reported by the state of Illinois for the three age groups over 40 years are recorded as 40+. Cases reported in this grouping are as follows: Hepatitis A (75); Hepatitis B (130); Hepatitis non-A, non-B (63); Hepatitis, unspecified (24); Measles (1); Meningococcal infections, civilian (10); Mumps (20); Rubella (2); Salmonellosis (592); Shigellosis (88); Tetanus (5); and Typhoid fever (2).

NOTE: Hepatitis reports for New York City are not available (see footnote, page 6).

AIDS total updated through June 13, 1987.

Estimates of the resident population of the United States, by age, sex, and race,* July 1, 1986

Age	Total			White			Black and other races			Black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	241,078	117,360	123,718	204,301	99,808	104,493	36,777	17,553	19,225	29,306	13,892	15,414
< 1	3,728	1,908	1,819	3,023	1,552	1,472	704	356	348	564	285	279
1-4	14,400	7,366	7,035	11,651	5,975	5,677	2,749	1,391	1,358	2,157	1,095	1,063
5-9	17,291	8,851	8,440	13,976	7,172	6,804	3,315	1,680	1,636	2,673	1,354	1,319
10-14	16,564	8,487	8,077	13,341	6,849	6,492	3,223	1,638	1,585	2,591	1,314	1,277
15-19	18,610	9,483	9,128	15,206	7,758	7,449	3,404	1,725	1,679	2,785	1,401	1,383
20-24	20,417	10,232	10,185	16,946	8,533	8,413	3,471	1,699	1,772	2,813	1,358	1,455
25-29	22,010	11,026	10,984	18,498	9,347	9,150	3,512	1,678	1,834	2,795	1,325	1,470
30-34	20,774	10,367	10,407	17,549	8,846	8,703	3,225	1,521	1,705	2,491	1,163	1,328
35-39	18,723	9,256	9,467	16,060	8,029	8,031	2,663	1,227	1,436	2,036	931	1,105
40-44	14,346	7,030	7,316	12,409	6,143	6,266	1,936	886	1,050	1,463	662	801
45-49	11,927	5,817	6,110	10,274	5,061	5,213	1,653	756	897	1,282	575	707
50-54	10,887	5,260	5,627	9,429	4,603	4,826	1,458	657	801	1,157	517	639
55-59	11,268	5,359	5,909	9,901	4,742	5,159	1,367	617	750	1,108	504	604
60 +	40,134	16,920	23,215	36,038	15,198	20,839	4,097	1,721	2,377	3,393	1,407	1,984
Median age, years	31.8	30.6	33.0	32.7	31.5	33.9	27.2	25.9	28.4	26.9	25.5	28.2

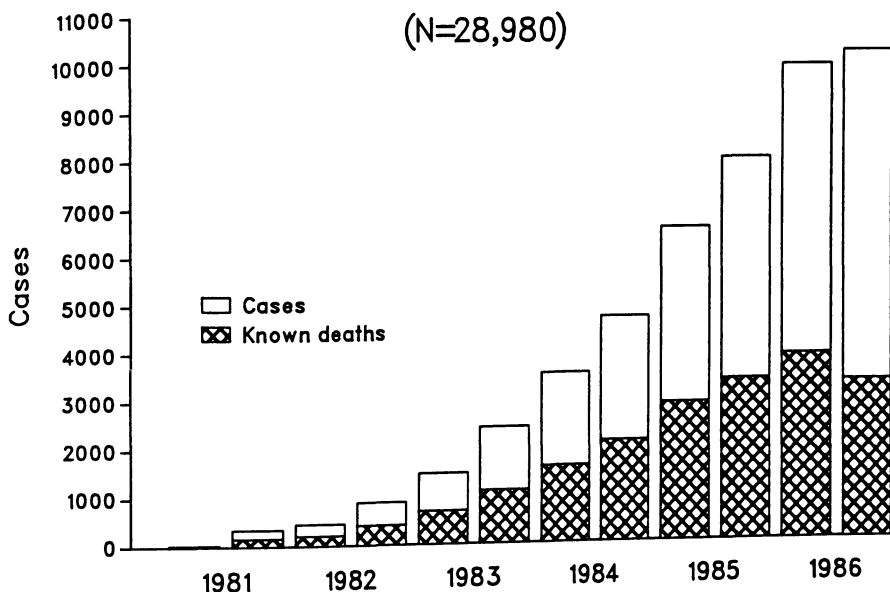
*Numbers in thousands

Source: U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1000, *Estimates of the Population of the United States, by Age, Sex, and Race, 1980-1986*.

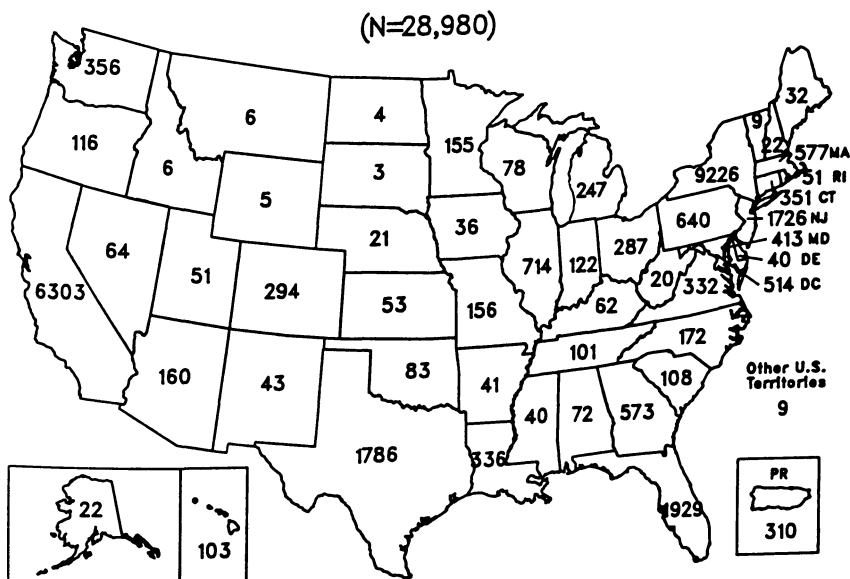
PART 2:

**Graphs and Maps
for Selected
Notifiable Diseases
in the
United States**

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Cases and known deaths, by 6-month periods of report to CDC, United States, 1981-1986

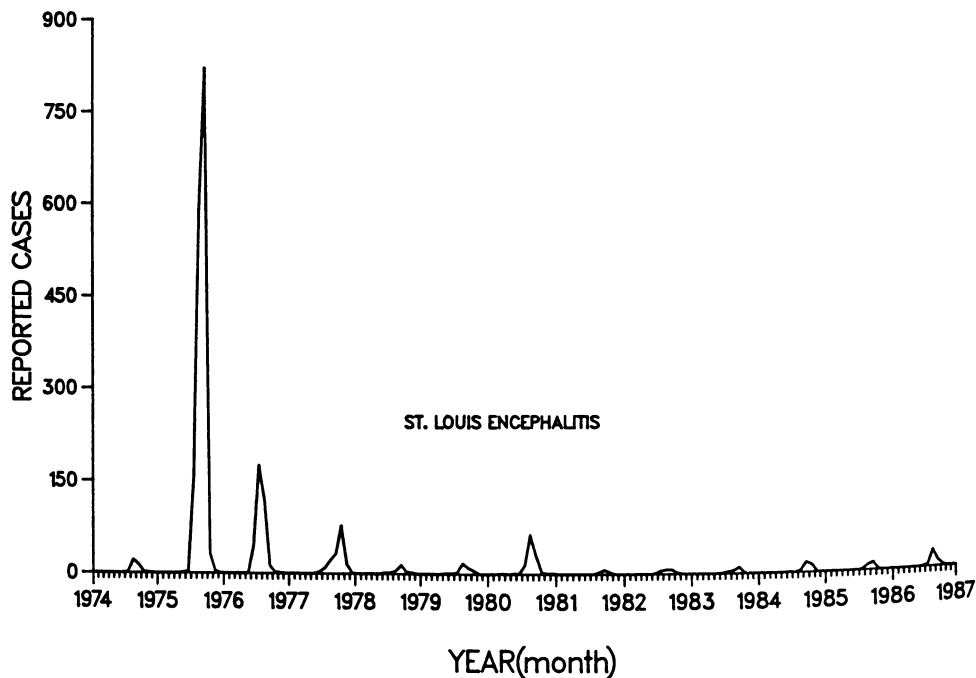


ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Cases reported to CDC by state, United States, 1981-1986

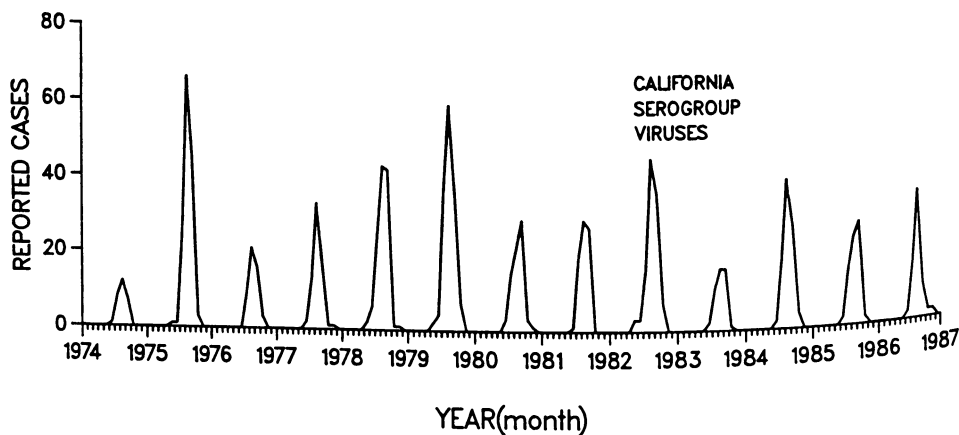


GRAPHS AND MAPS

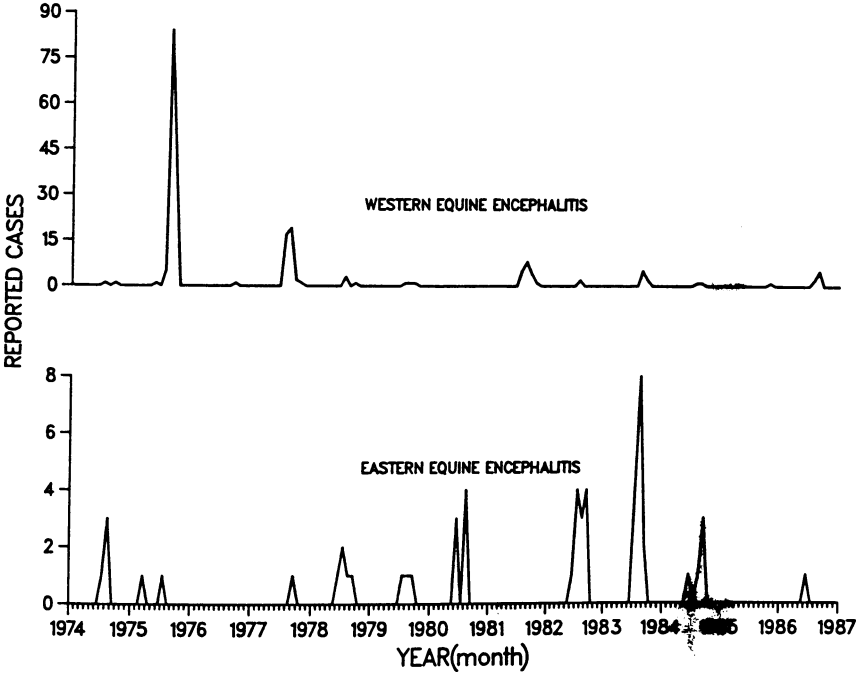
ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to St. Louis encephalitis virus, by month, United States, 1974-1986



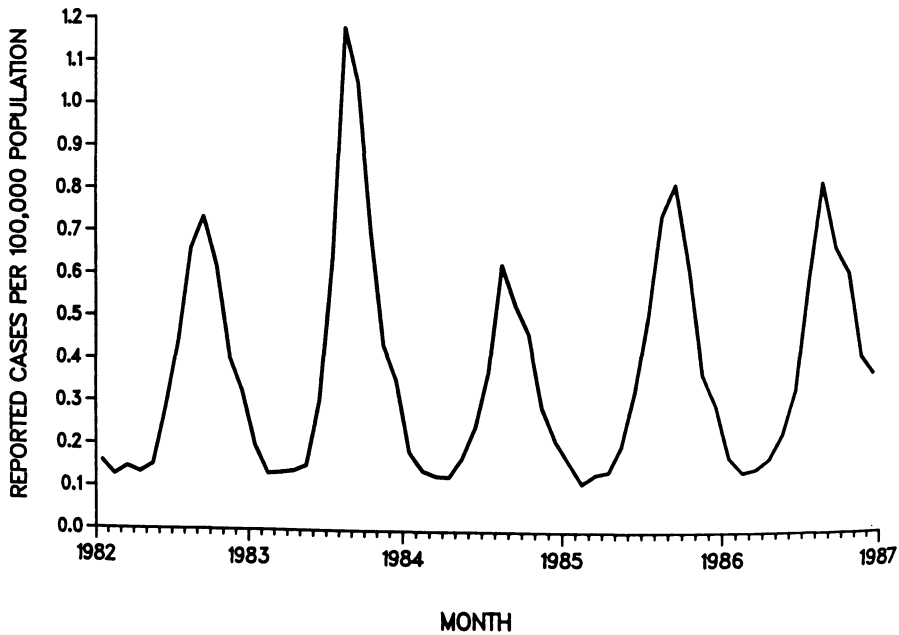
ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to California serogroup viruses, by month, United States, 1974-1986



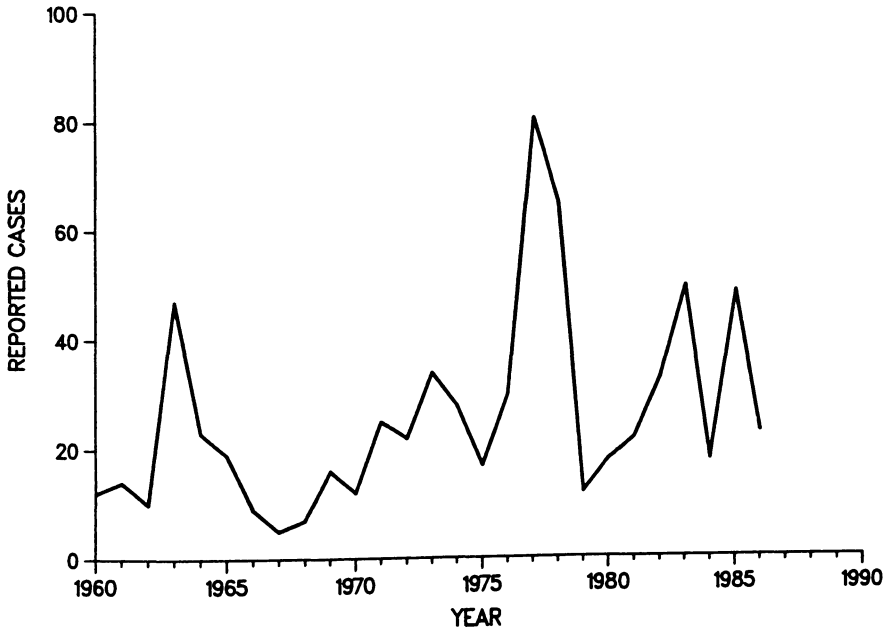
ARBOVIRAL INFECTIONS (of the central nervous system) – Cases due to Western and Eastern equine encephalitis viruses, by month, United States, 1974-1986



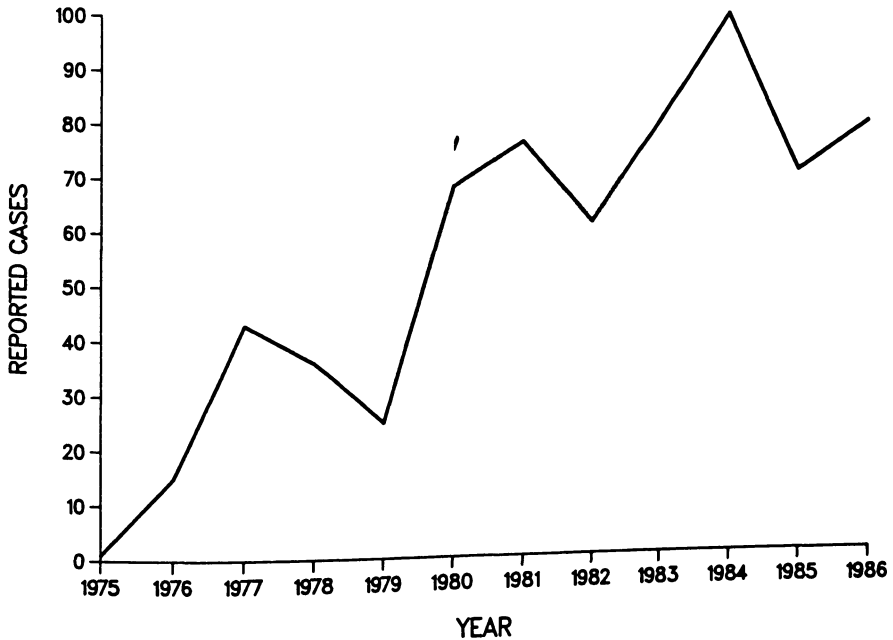
ASEPTIC MENINGITIS – By month, United States, 1982-1986



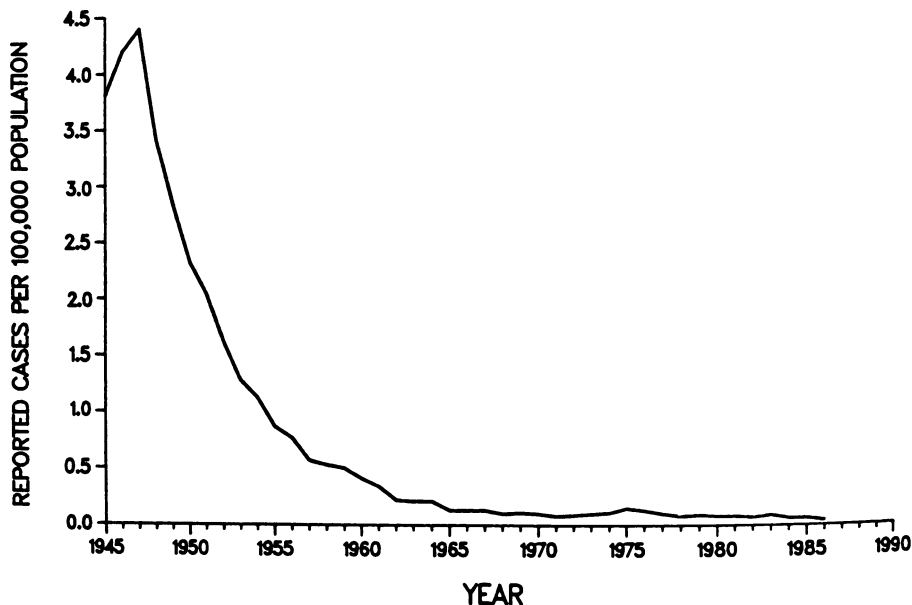
BOTULISM (foodborne) — By year, United States, 1960-1986



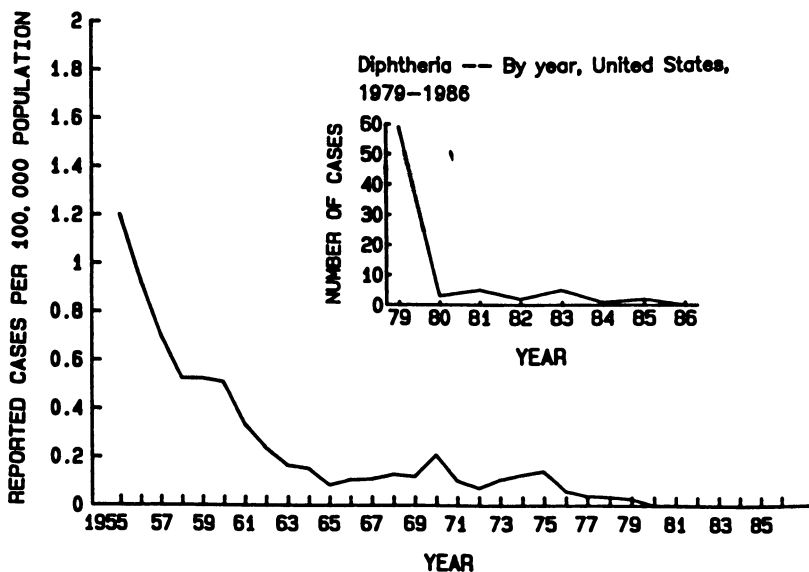
BOTULISM (infant) — By year, United States, 1975-1986



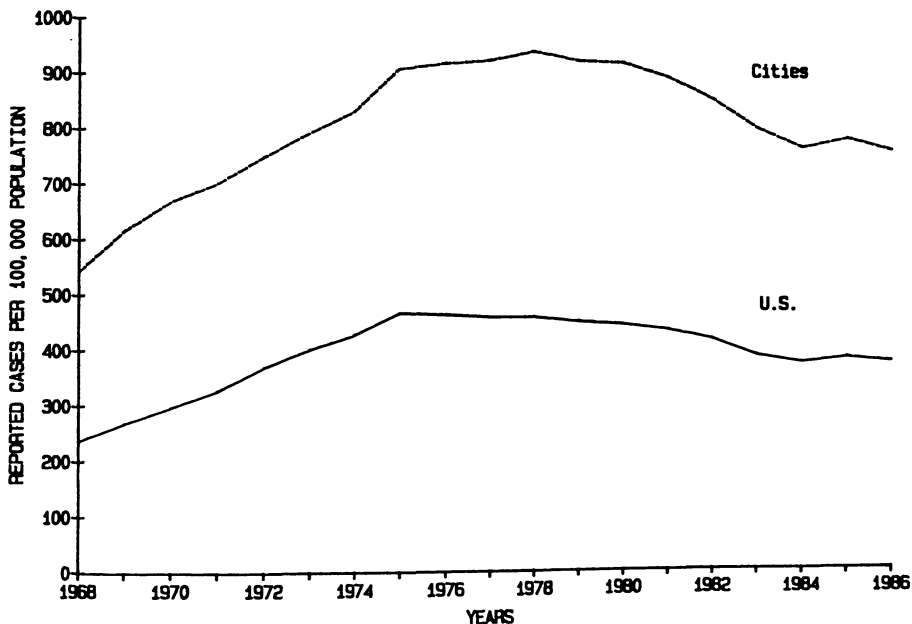
BRUCELLOSIS — By year, United States, 1945-1986



DIPHTHERIA — By year, United States, 1955-1986

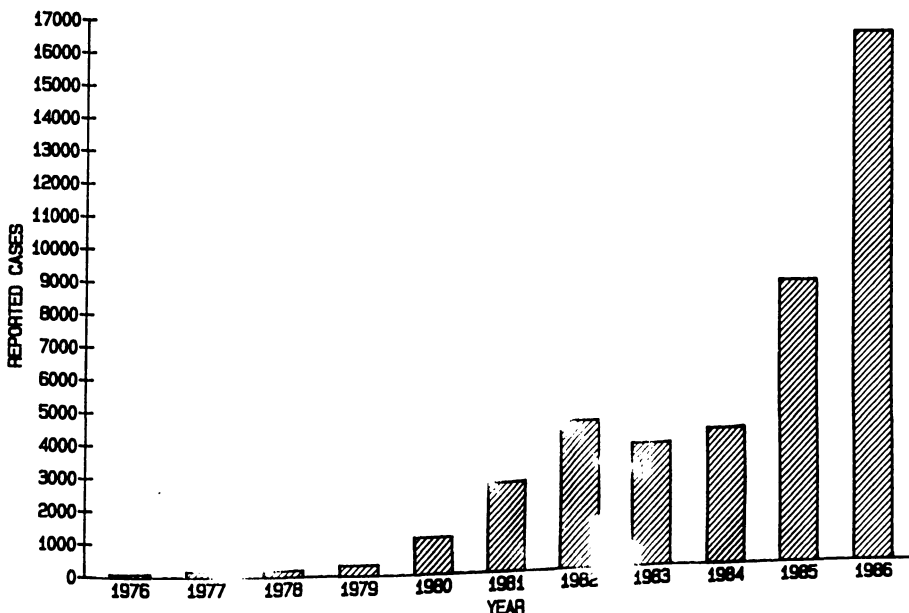


GONORRHEA — By year, United States and large cities,* 1968-1986



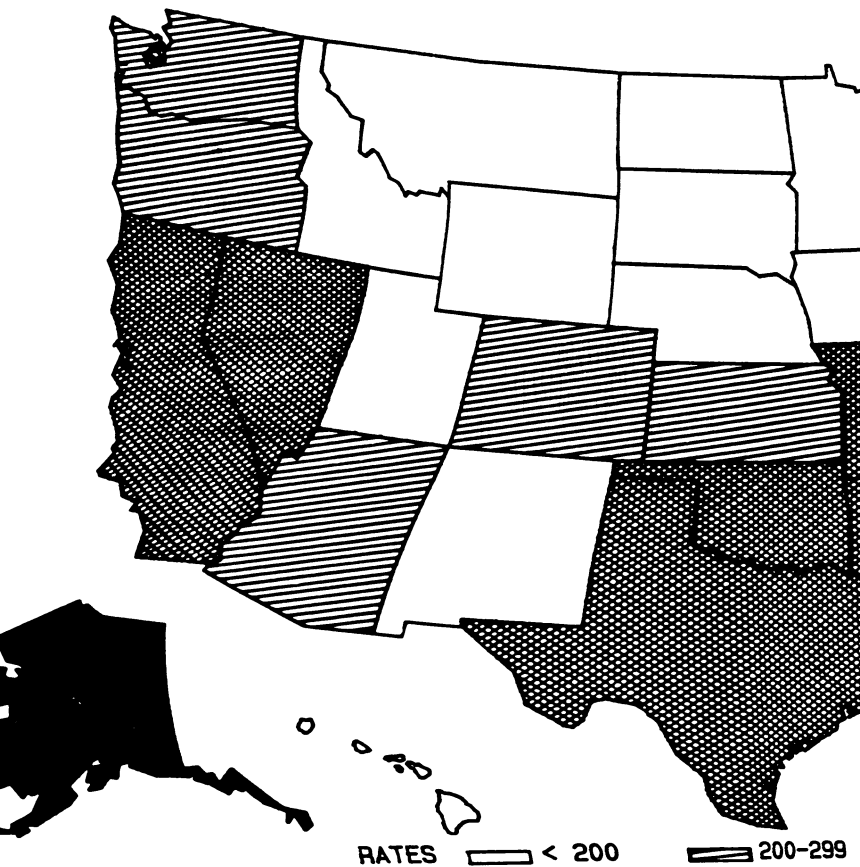
* Cities with population over 200,000.

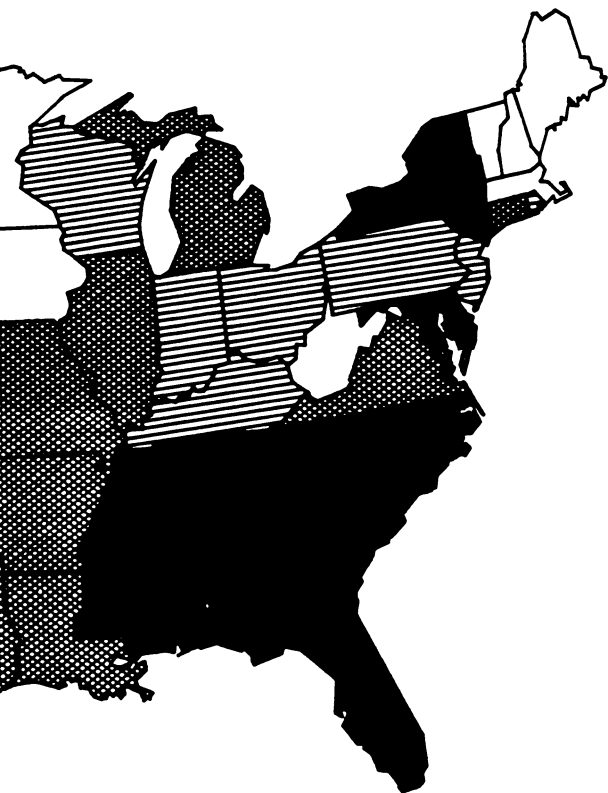
GONORRHEA — Total resistant strains, United States, 1976-1986



First case reported in March 1976

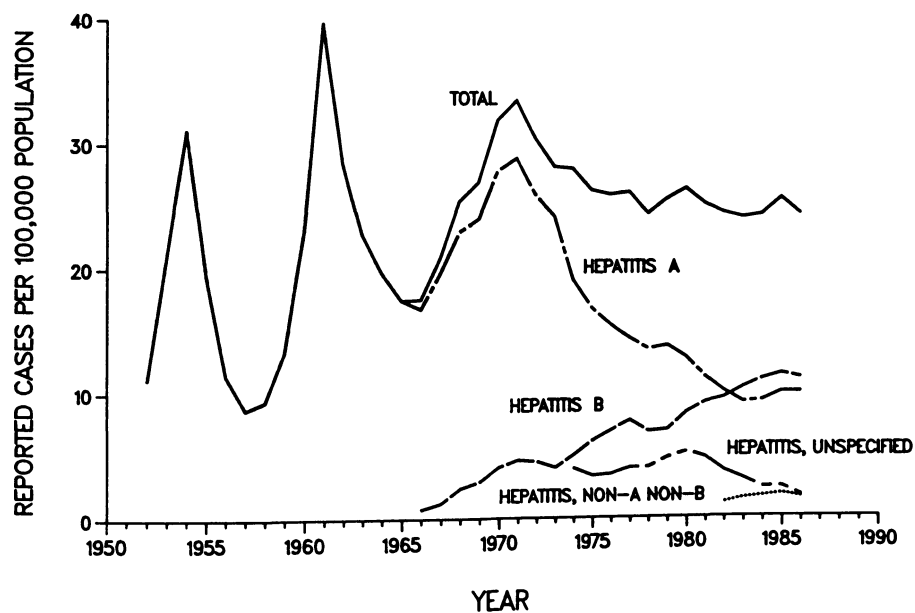
GONORRHEA — By state*, United States, 1986



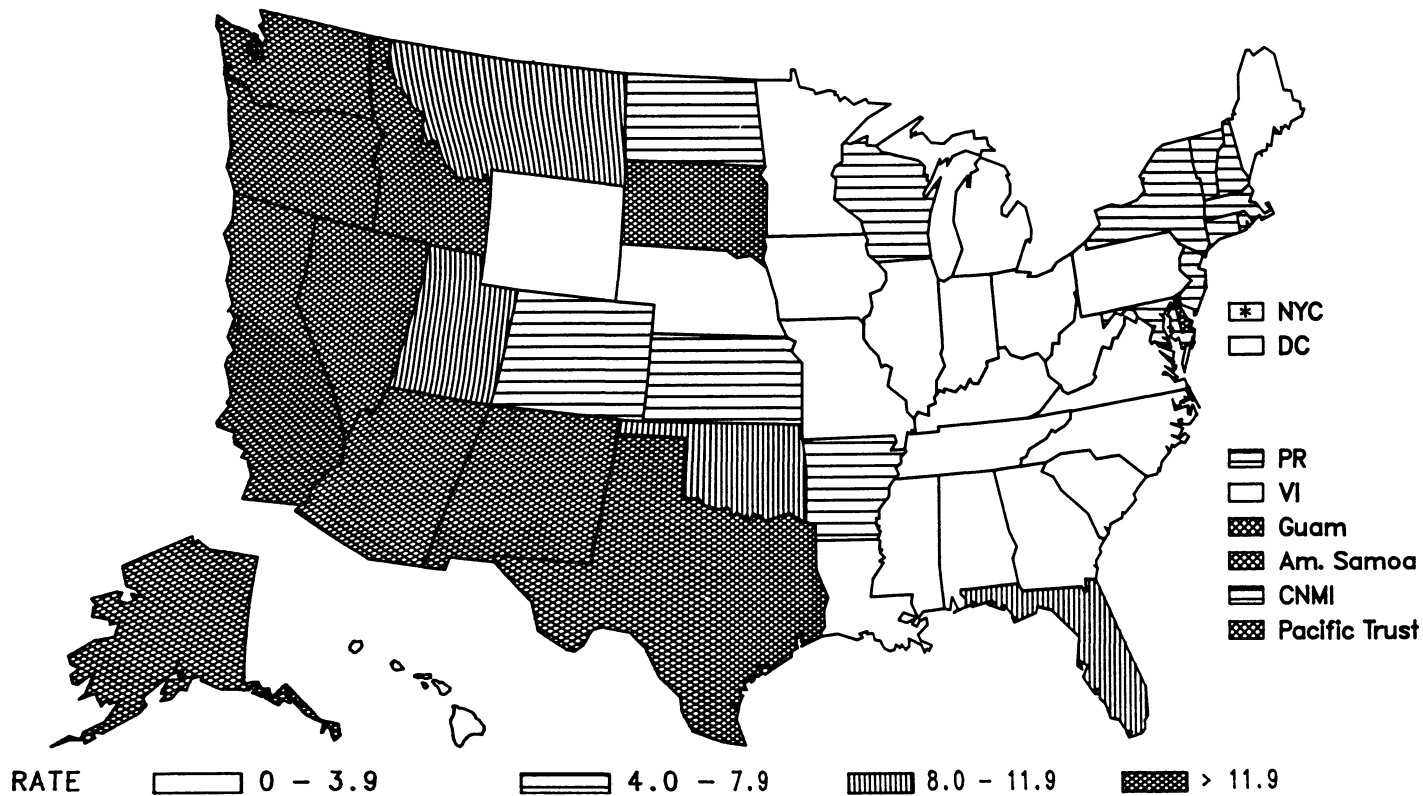


300-499 > 500

HEPATITIS — By year, United States, 1952-1986

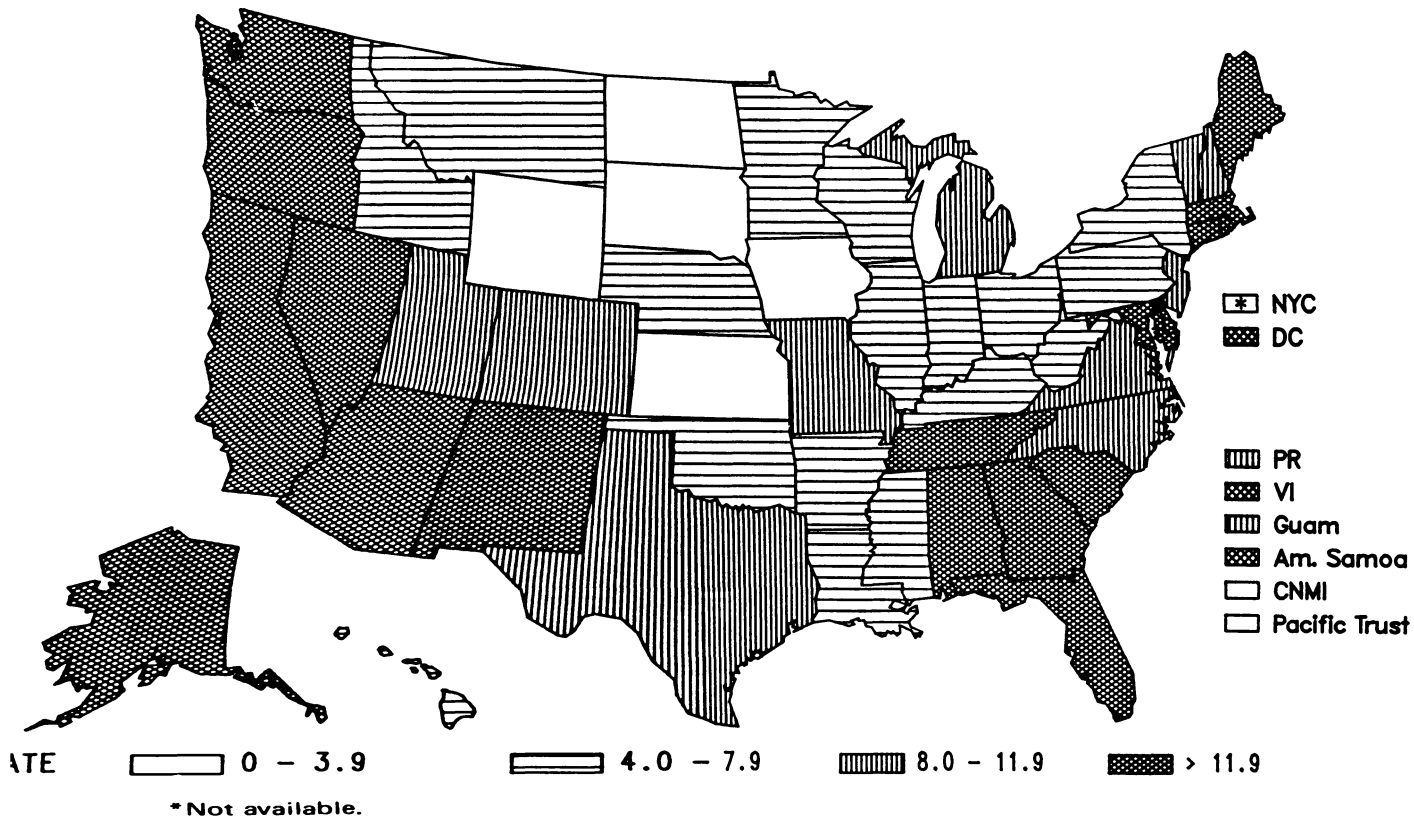


HEPATITIS A — Reported cases, per 100,000 population, United States, 1986

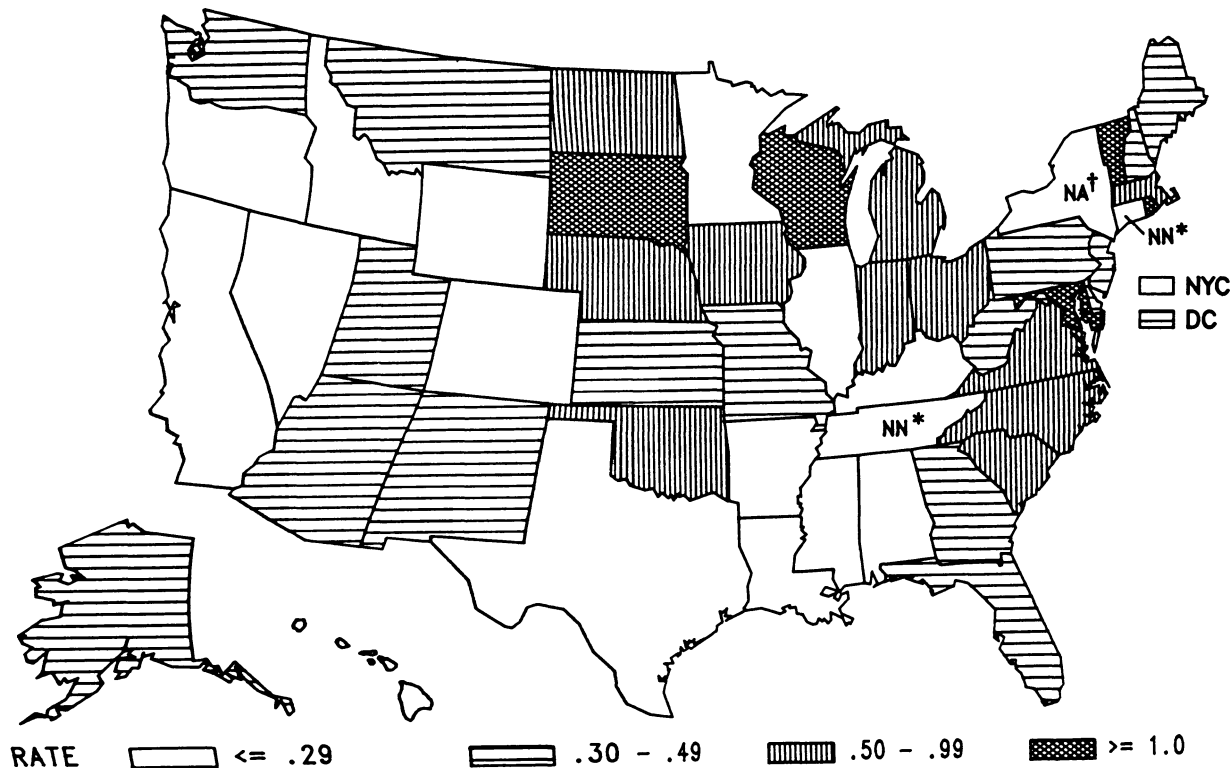


* Not available.

HEPATITIS B — Reported cases, per 100,000 population, United States, 1986



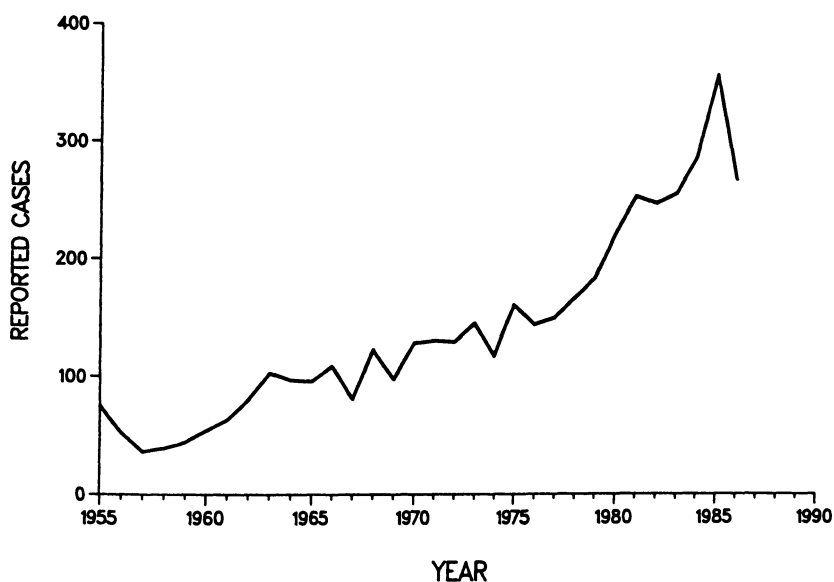
LEGIONELLOSIS — Reported cases, per 100,000 population, United States, 1986



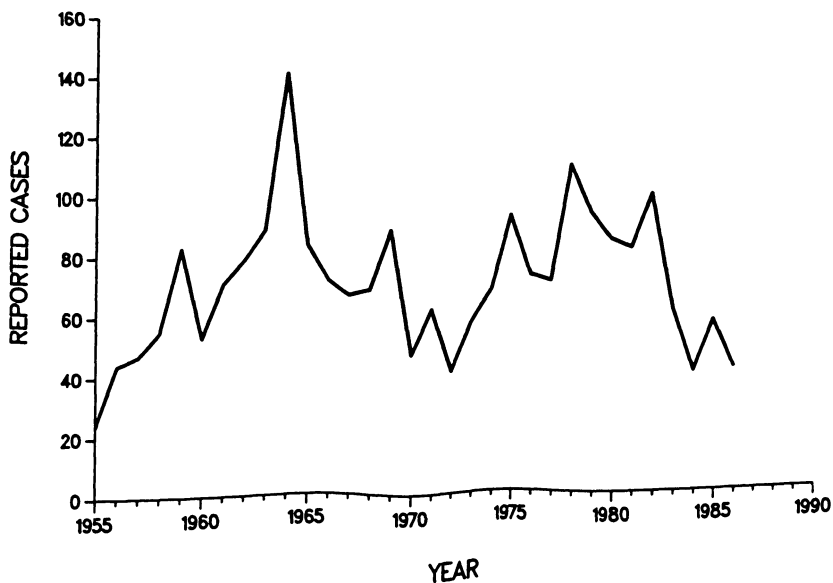
*Not notifiable.

†Not available.

LEPROSY — By year, United States, 1955-1986

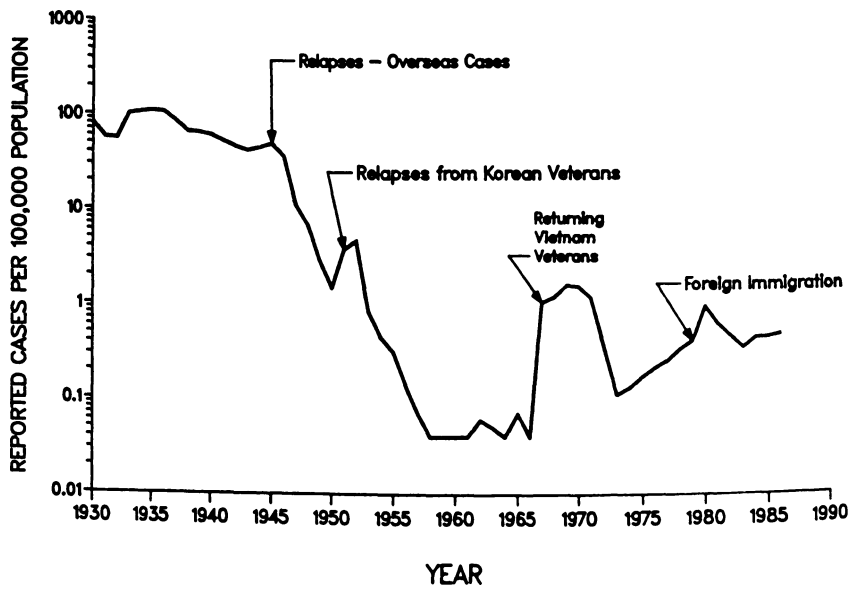


LEPTOSPIROSIS — By year, United States, 1955-1986

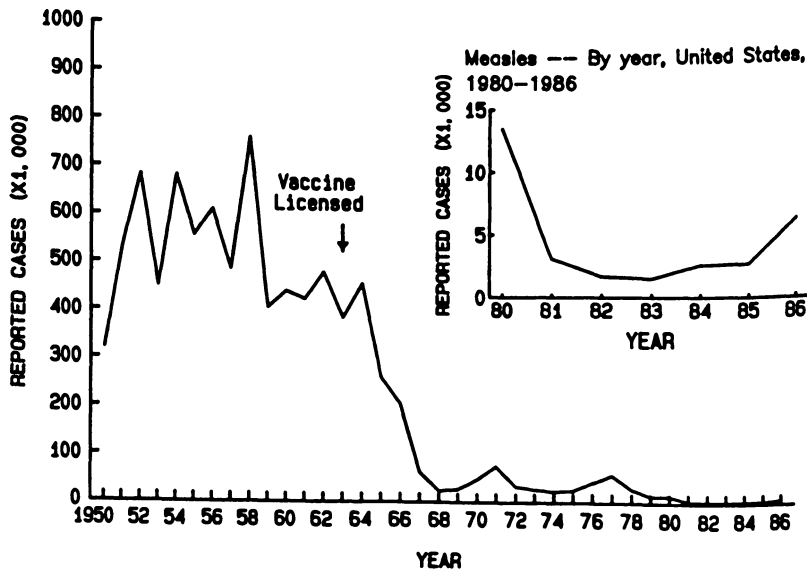


GRAPHS AND MAPS

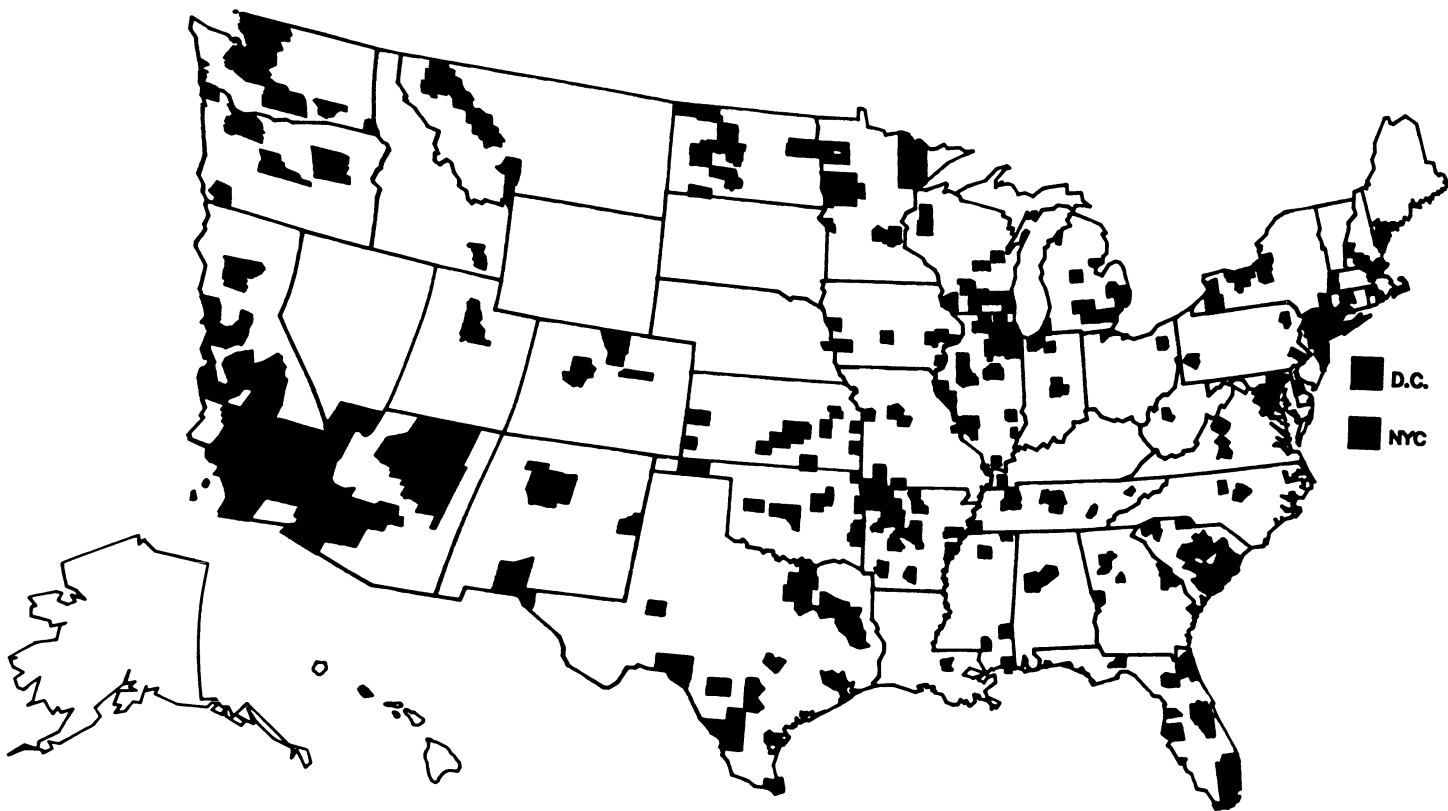
MALARIA – By year, United States, 1930-1986



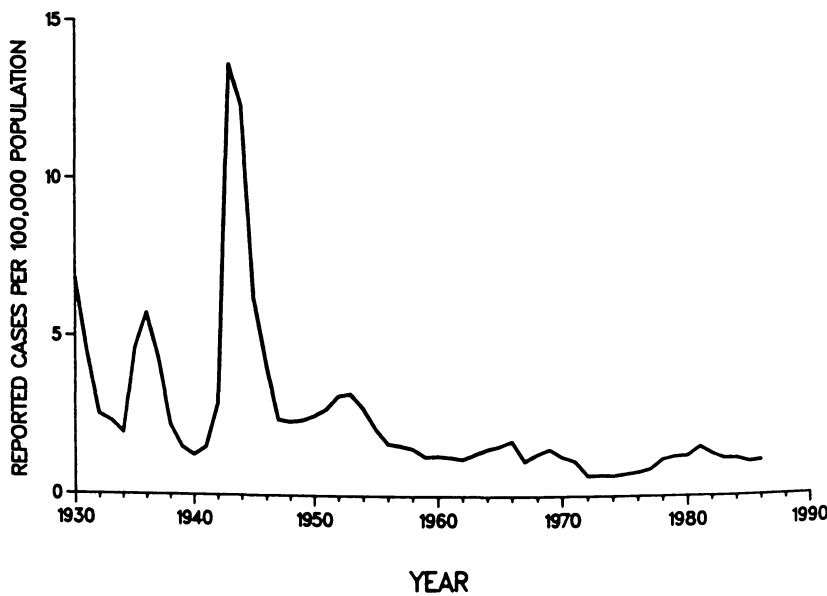
MEASLES (rubeola) – By year, United States, 1950-1986



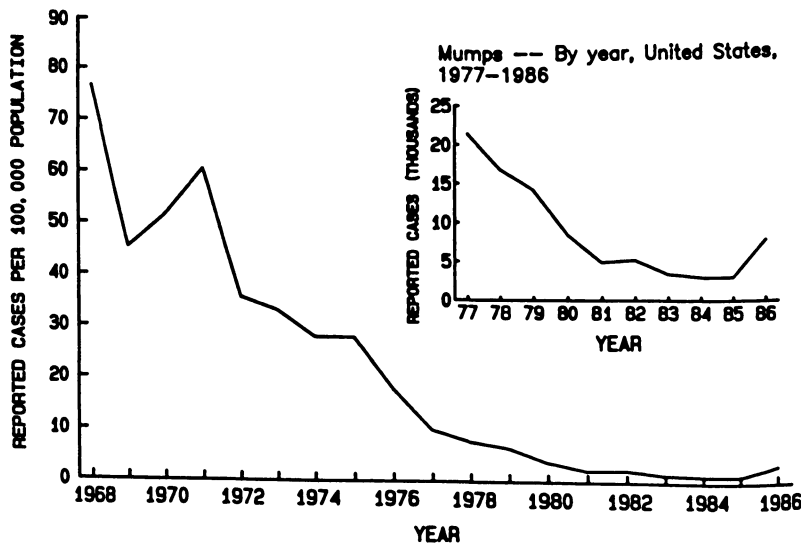
MEASLES (rubeola) — Counties reporting cases, United States, 1986



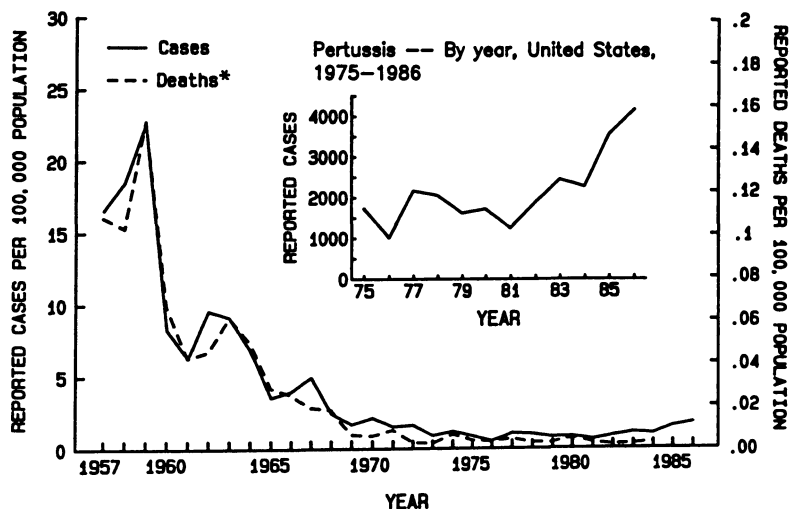
MENINGOCOCCAL INFECTION – By year, United States, 1930-1986



MUMPS – By year, United States, 1968-1986

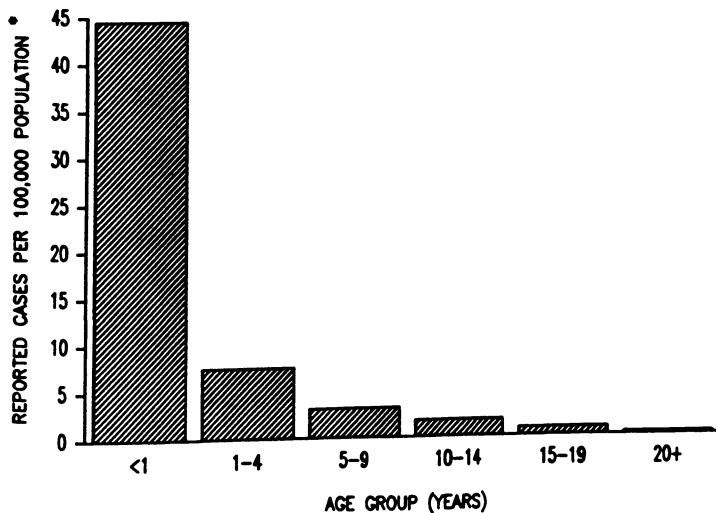


PERTUSSIS (whooping cough) — By year, United States, 1957-1986



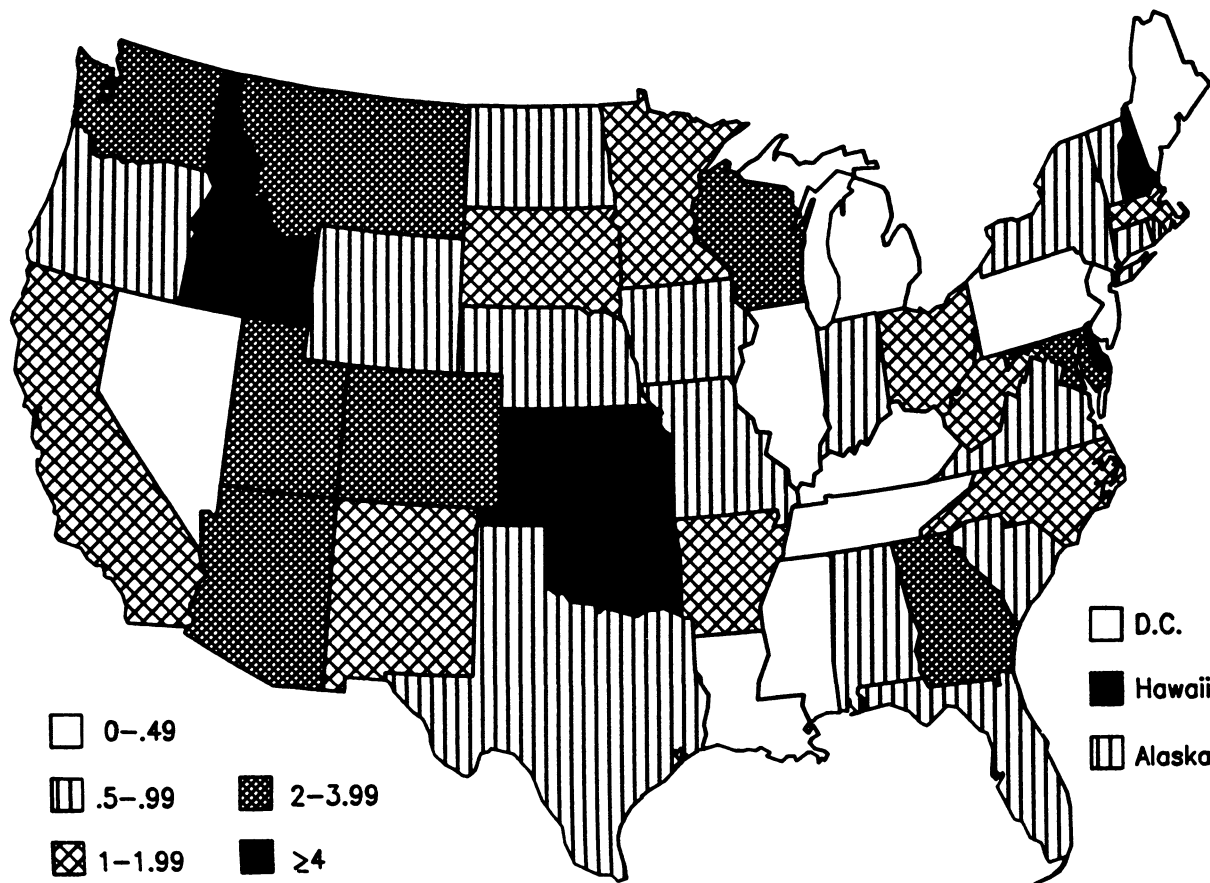
*Data not available for 1985-86.

PERTUSSIS (whooping cough) — By age group, United States, 1986

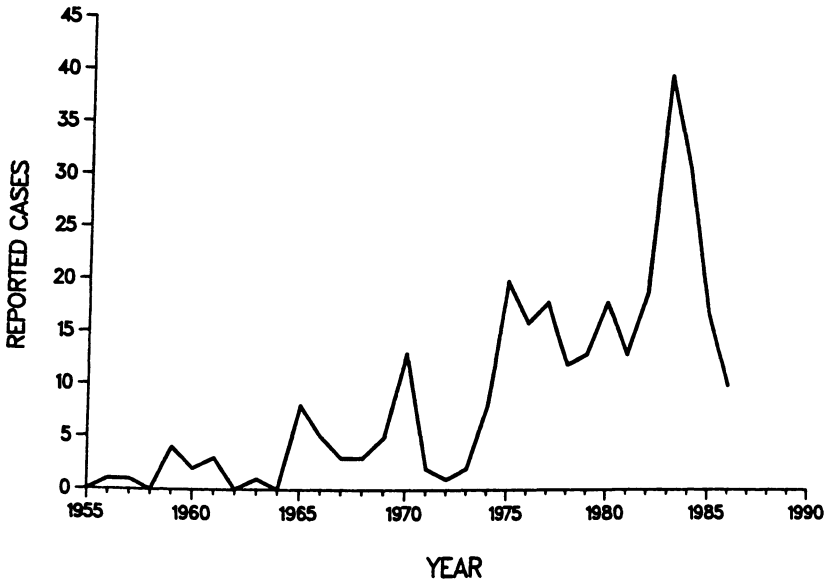


*Rates were calculated by multiplying the percentage of cases with known age group by total reported cases and dividing by the population in that age group.

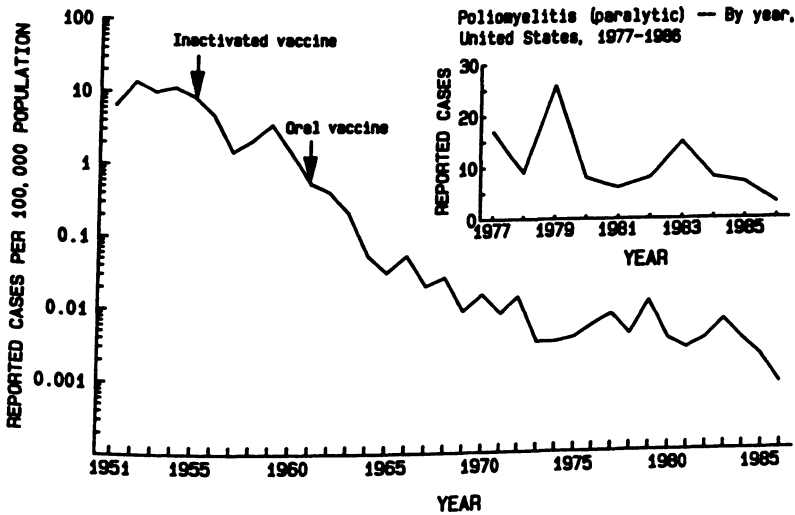
PERTUSSIS (whooping cough) — Reported cases per 100,000 population — States, 1986



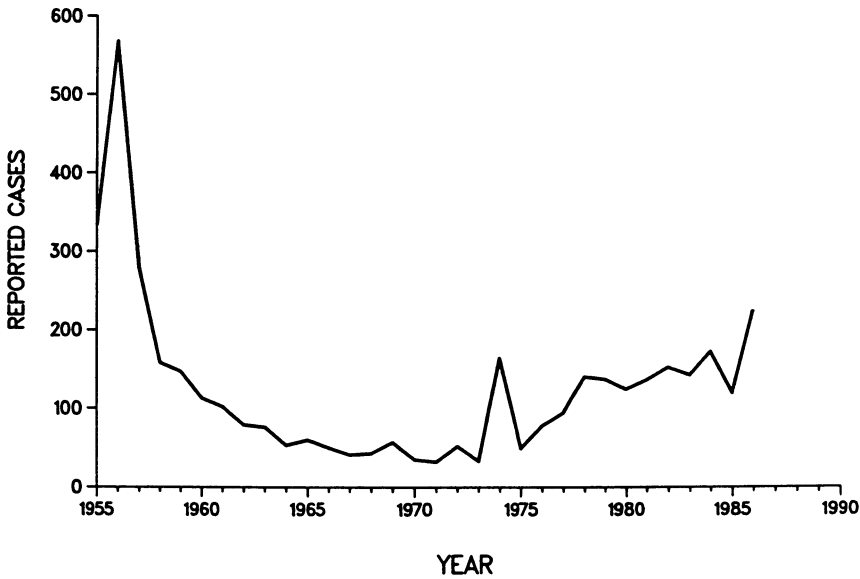
PLAGUE — In humans, by year, United States, 1955-1986



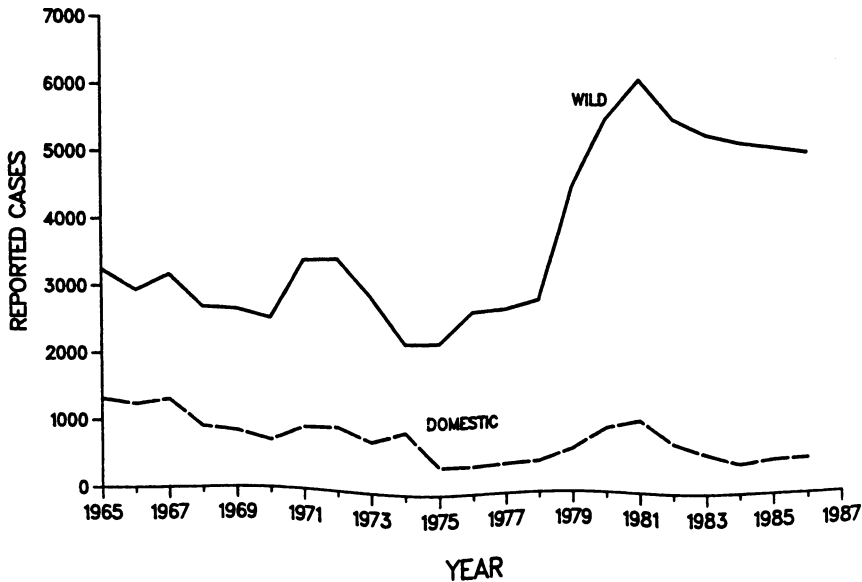
POLIOMYELITIS (paralytic) — By year, United States, 1951-1986



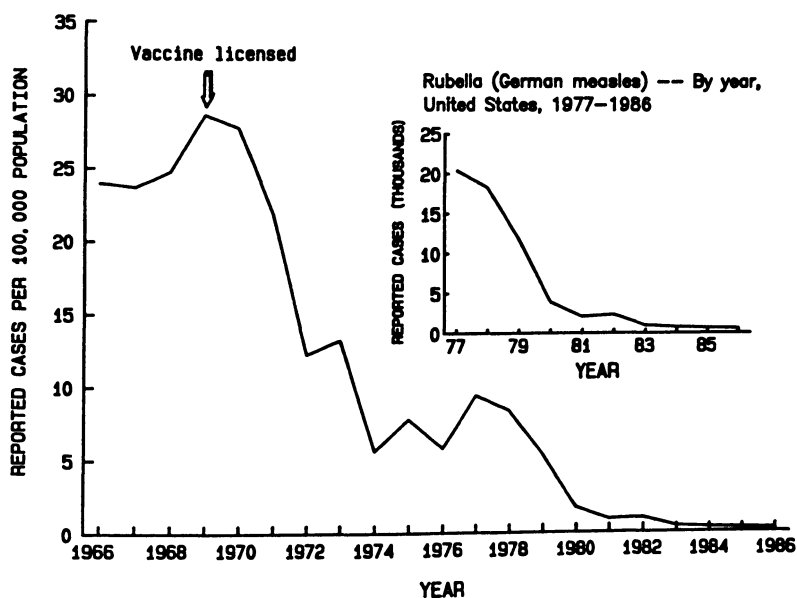
PSITTACOSIS – By year, United States, 1955-1986



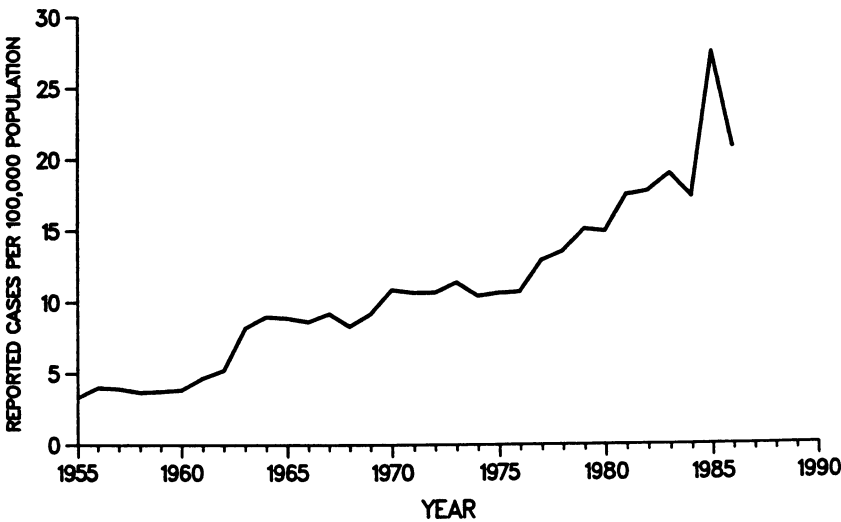
RABIES – Wild and domestic animals, by year, United States, 1965-1986



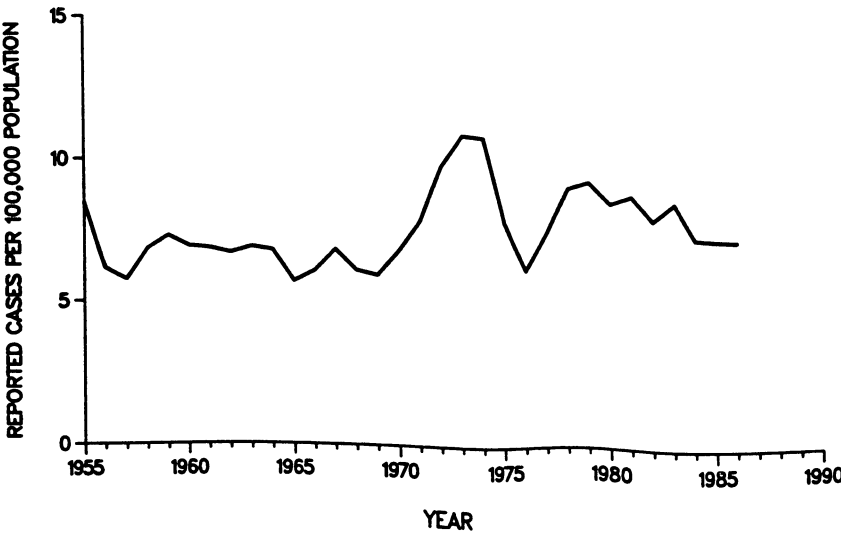
RUBELLA (German measles) — By year, United States, 1966-1986



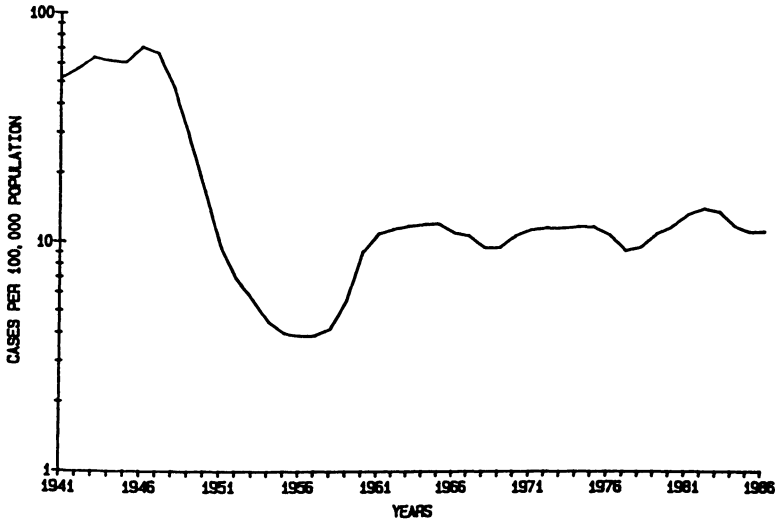
SALMONELLOSIS (excluding typhoid fever) — By year, United States, 1955-1986



SHIGELLOSIS — By year, United States, 1955-1986

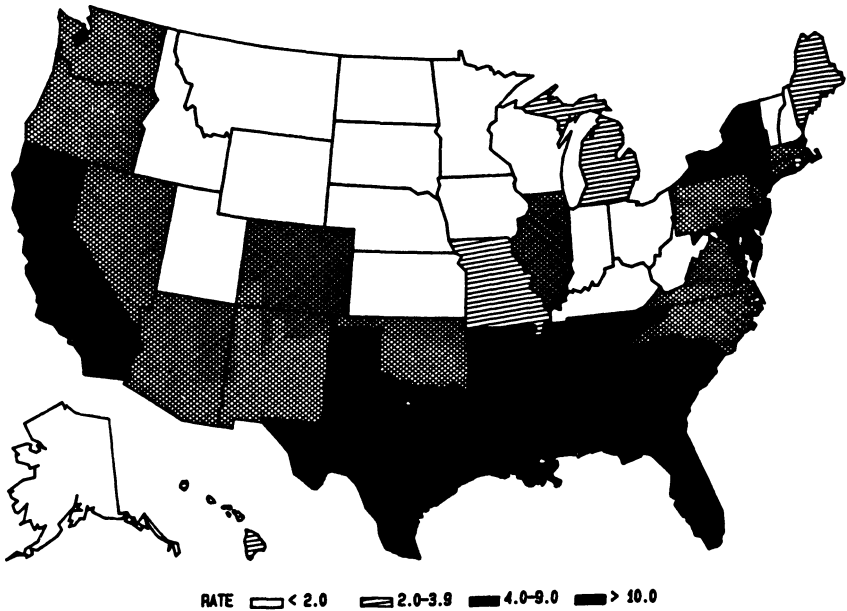


SYPHILIS (primary and secondary) – By year, United States, 1941-1986*



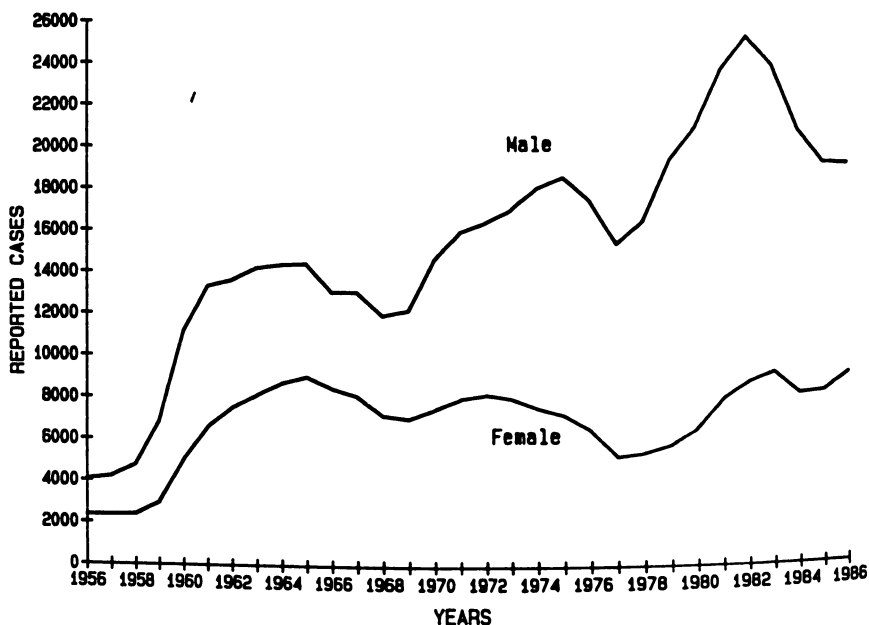
* 1941-1946 fiscal years (12-month period ending June 30): 1947-1986 calendar years.

SYPHILIS (primary and secondary) – By State*, United States, 1986

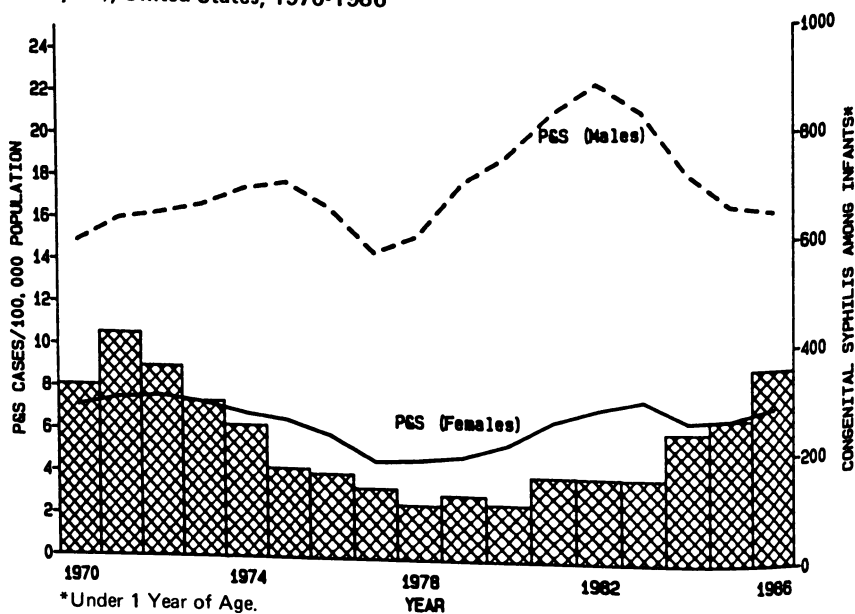


*Based on reported cases per 100,000 population.

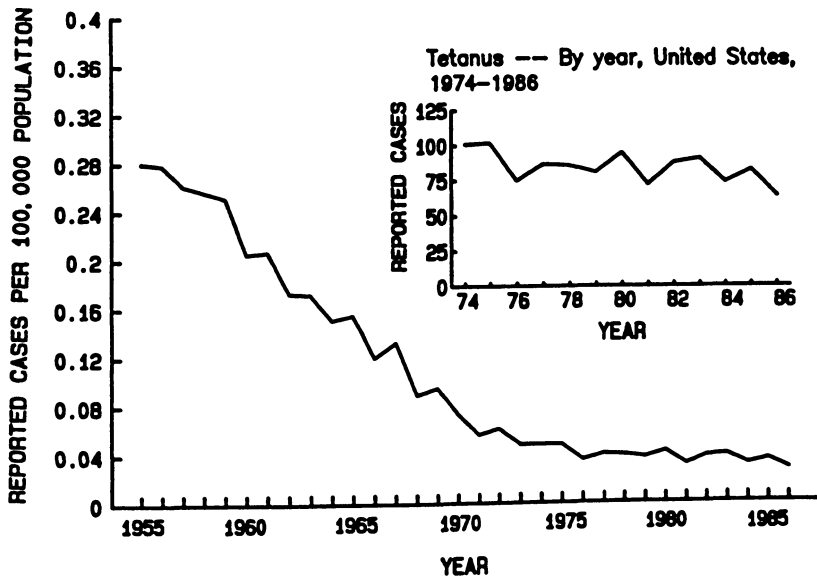
SYPHILIS (primary and secondary) — By sex, United States, 1956-1986



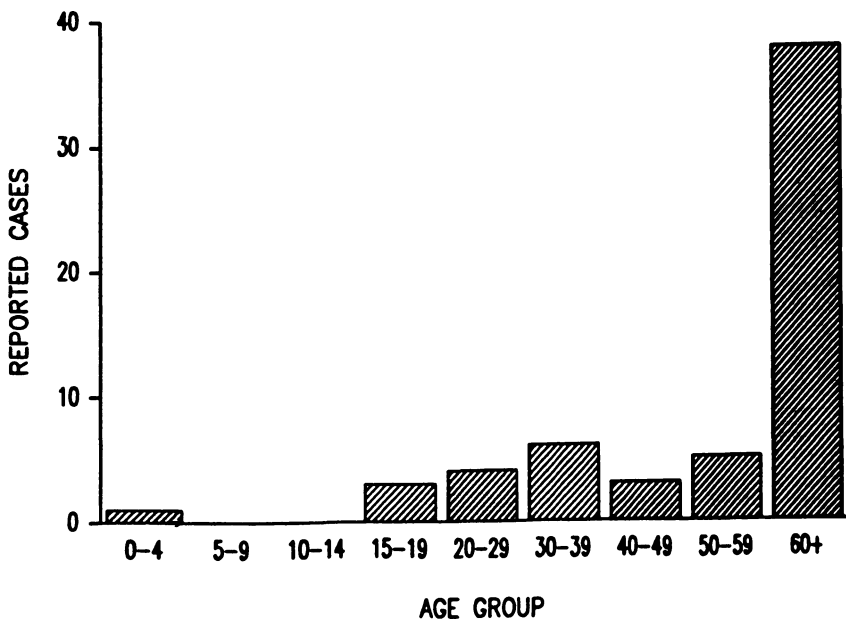
SYPHILIS, PRIMARY AND SECONDARY (P&S) — By sex, and congenital syphilis (under 1 year), United States, 1970-1986



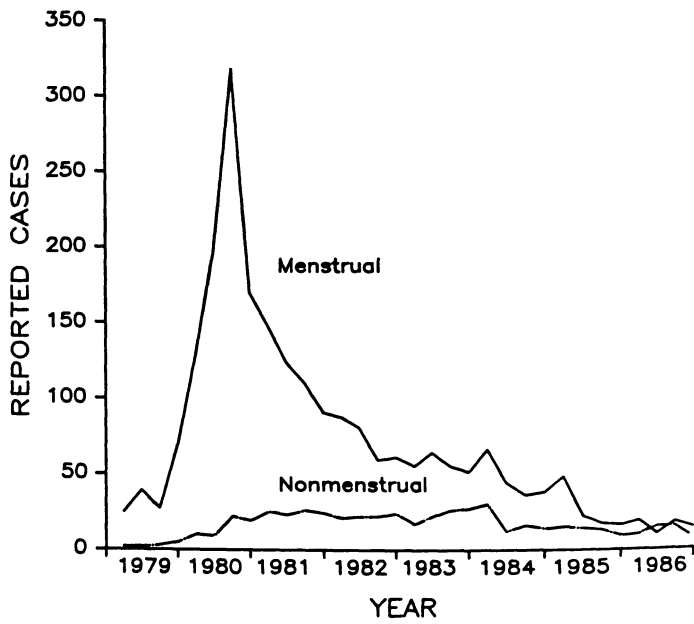
TETANUS — By year, United States, 1955-1986



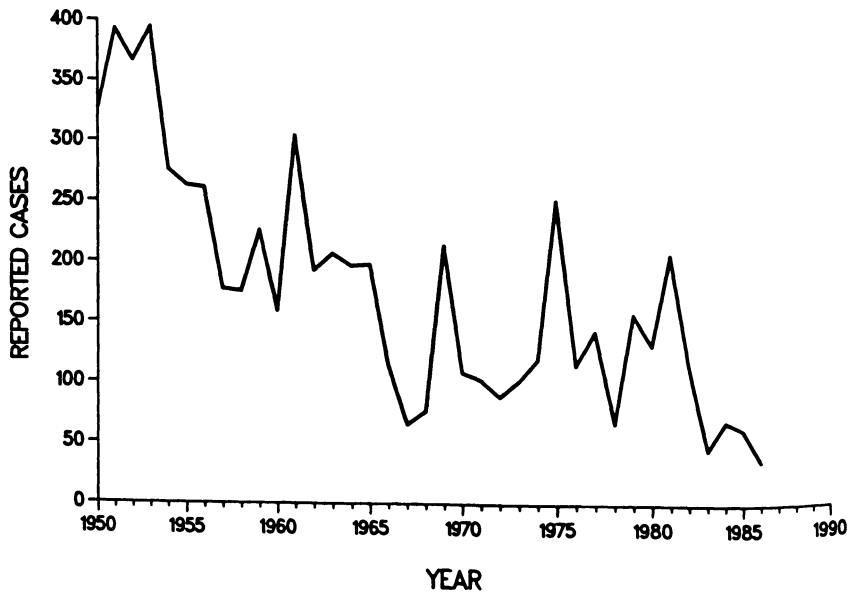
TETANUS — By age group, United States, 1986



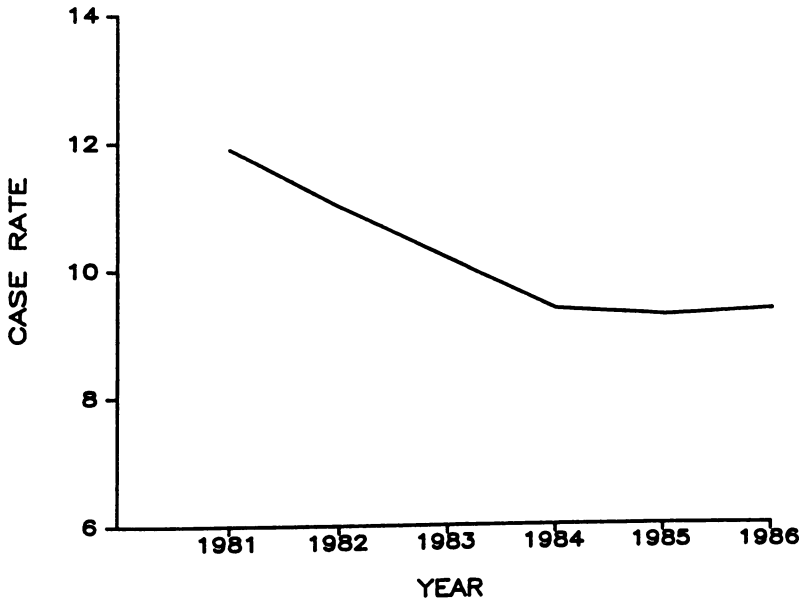
TOXIC SHOCK SYNDROME – By year, United States, 1979-1986



TRICHINOSIS – By year, United States, 1950-1986

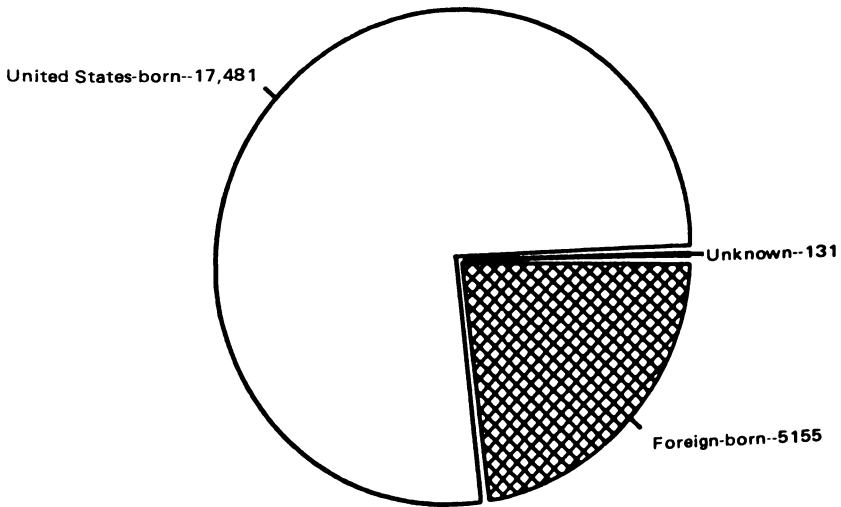


TUBERCULOSIS — Case rates, United States, 1981-1986



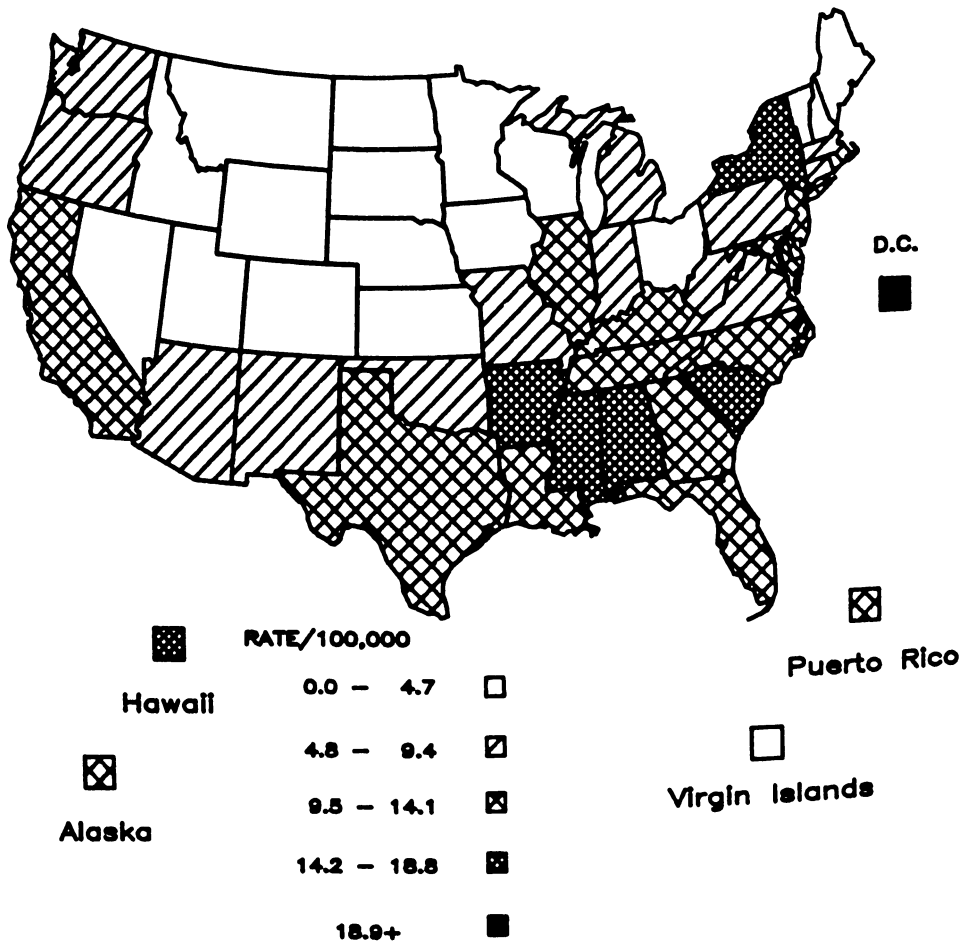
Rate per 100,000 population

TUBERCULOSIS — Cases, United States-born and foreign-born, 1986

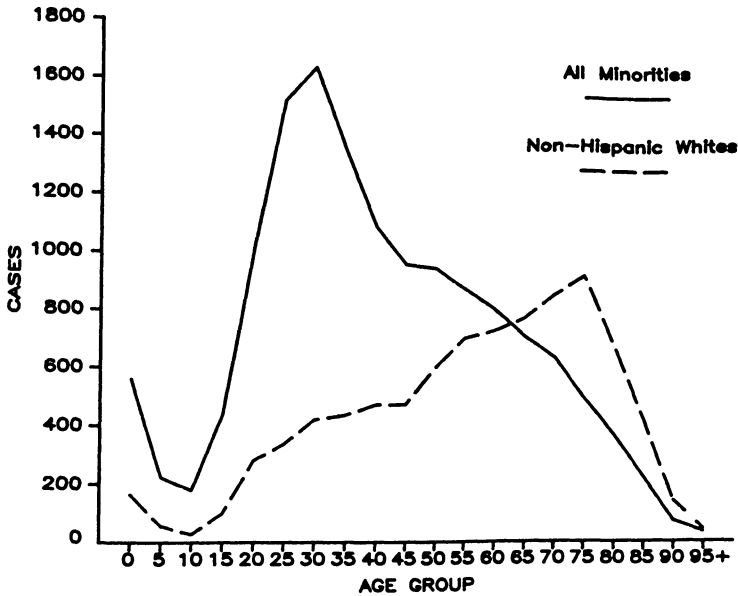


GRAPHS AND MAPS

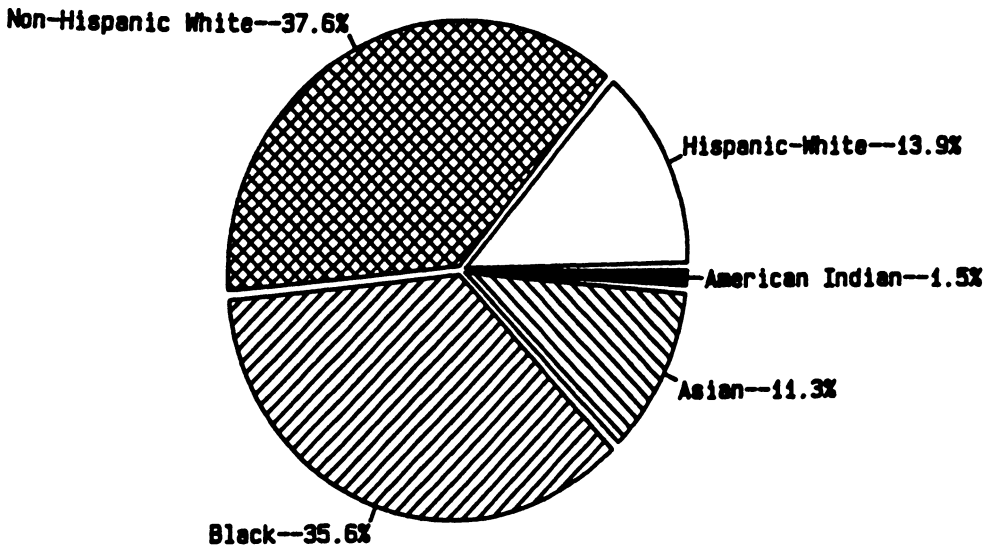
TUBERCULOSIS — Rates, by state, United States, 1986



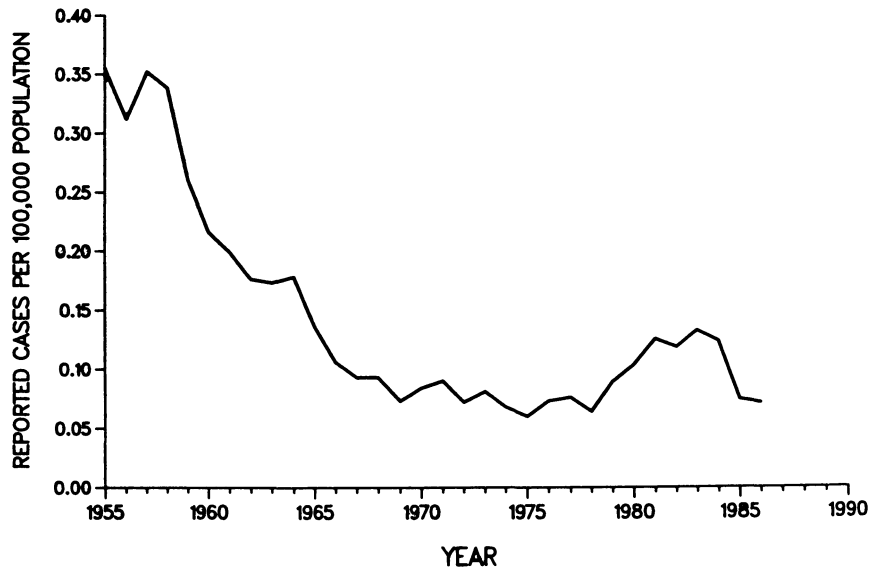
TUBERCULOSIS — Frequency distribution of cases by age, race, and ethnicity, United States, 1986



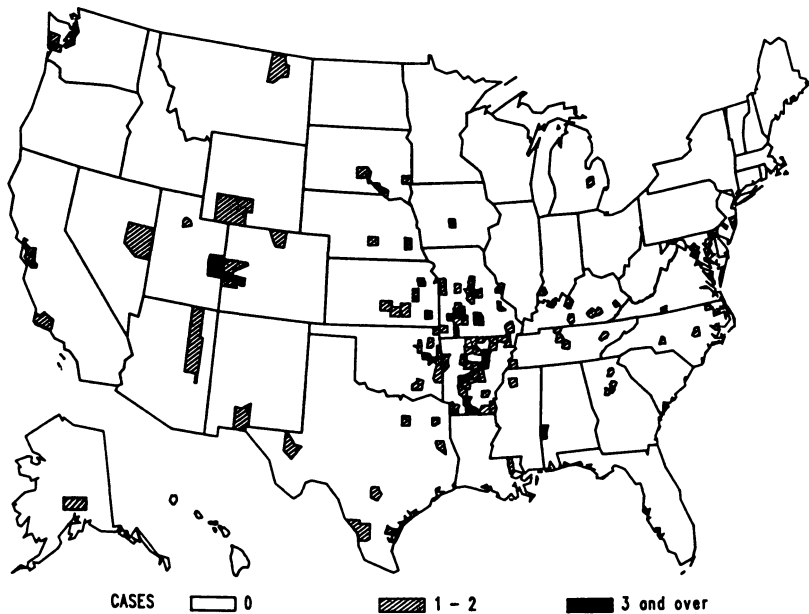
TUBERCULOSIS — Percentage of cases by race and ethnicity, United States, 1986



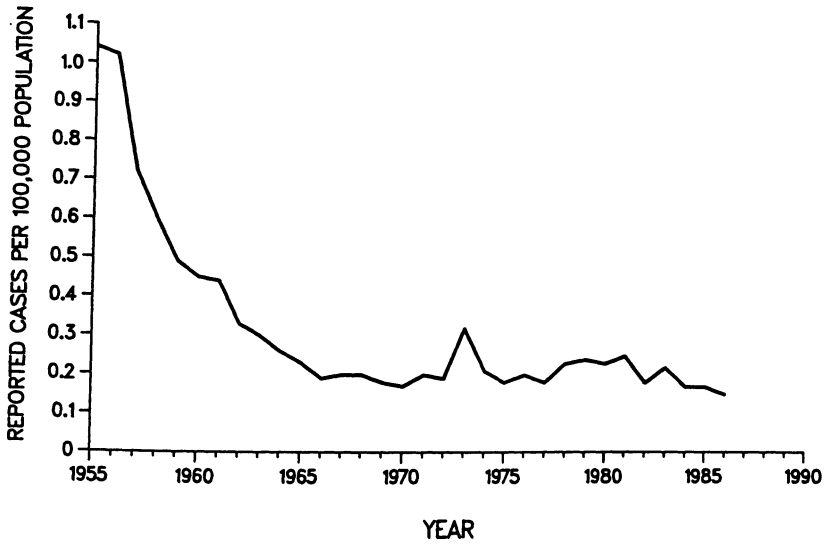
TULAREMIA – By year, United States, 1955-1986



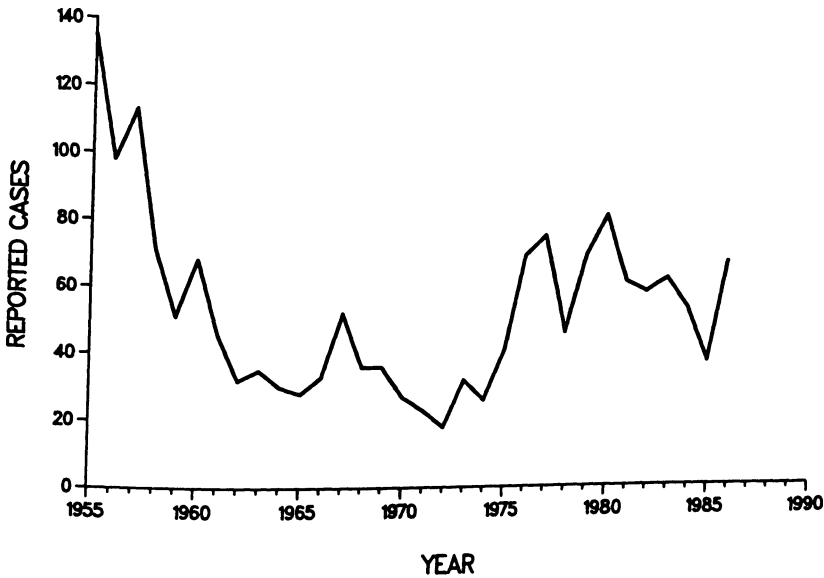
TULAREMIA – Reported cases, by county, United States, 1986

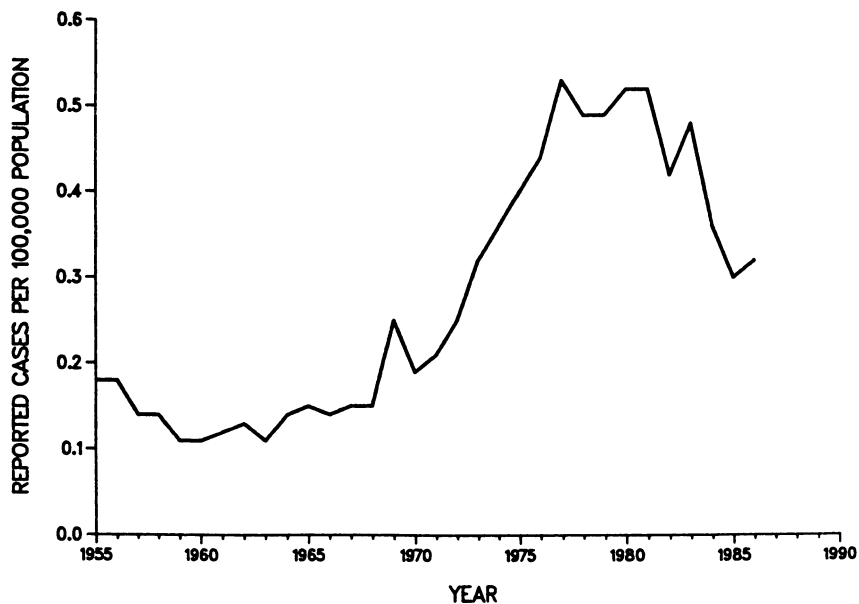
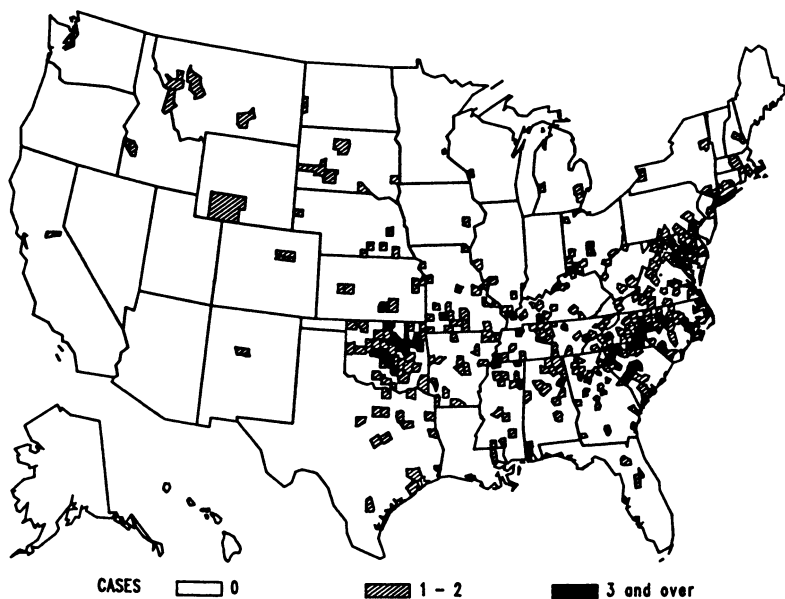


TYPHOID FEVER — By year, United States, 1955-1986

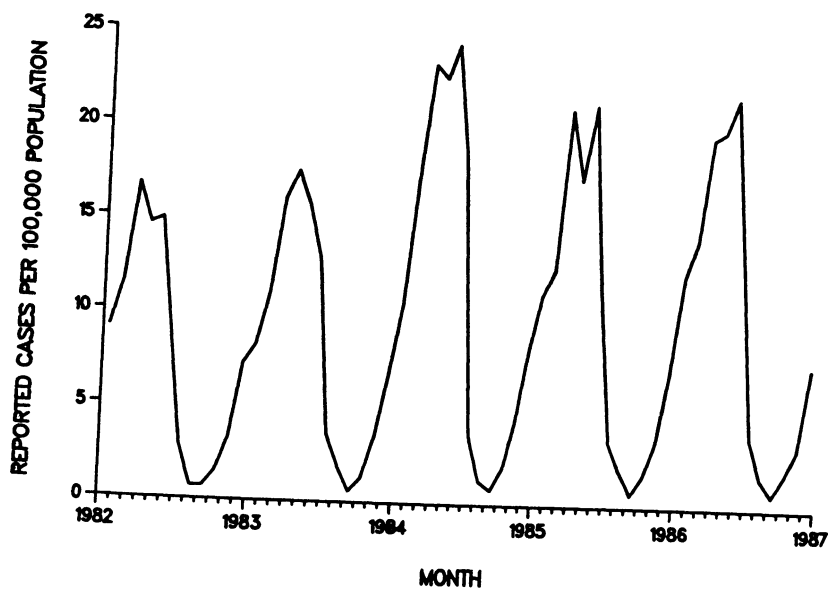


TYPHUS FEVER, FLEA-BORNE (endemic, murine) — By year, United States, 1955-1986



TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — By year, United States, 1955-1986**TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — Reported cases, by county, United States, 1986**

VARICELLA (chickenpox) — By month, United States, 1982-1986



Historical Summary Tables

TABLE 1. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1977-1986

Disease	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
U.S. total resident population (in thousands)	241,078	238,740	236,158	233,981	231,534	229,307	226,505	220,099	218,059	216,332
1980 census, July 1 est. 1977-1979, 1981-1986										
Acquired immunodeficiency syndrome (AIDS)	12,932	8,249	4,445							
Amebiasis	3,532	4,433	5,252	6,658	7,304	6,632	5,271	4,107	3,937	3,044
Anthrax	—	—	1	—	—	—	1	—	—	—
Aspic meningitis	11,374	10,819	8,328	12,896	9,680	9,547	8,028	8,754	6,573	4,789
Botulism, total (including wound and unsp.)	109	122	123	133	97	103	89	45	105	129
Food-borne	23	50	19	33	22	18	12	12	65	81
Infant	79	70	98	79	61	76	66	25	36	43
Brucellosis (undulant fever)	106	153	131	200	173	185	183	215	179	232
Chancroid†	3,756	2,067	685	847	1,362	850	798	840	521	455
Cholera	23	4	1	1	—	19	9	1	12	3
Diphtheria	—	3	—	5	2	5	3	59	76	84
Encephalitis, primary§	1,302	1,376	1,257	380	374	317	323	312	290	341
Indeterminate§	—	—	—	—	—	—	—	—	—	—
Post-infectious§	124	161	108	140	143	175	1,039	1,192	1,061	1,073
Gonorrhea	900,868	911,419	878,556	900,435	980,833	980,864	1,004,029	1,004,058	1,013,436	1,002,219
Granuloma inguinale†	61	44	30	24	17	66	51	76	72	75
Hepatitis A	23,430†	23,210†	22,040	21,532	23,403	25,802	29,087	30,407	29,500	31,153
Hepatitis B	26,101†	26,111†	26,115	24,318	22,177	21,152	19,015	15,452	15,016	16,831
Hepatitis non-A, non-B	3,634†	4,184†	3,871	3,470	2,829	—	—	—	—	—
Hepatitis, unspecified	3,940†	5,517†	5,531	7,149	8,964	10,975	11,894	10,534	8,776	8,639
Legionellosis**	948	630	750	852	854	408	475	593	761	359
Leprosy	270	361	290	259	250	256	223	185	168	151
Leptospirosis	41	57	40	61	100	82	85	94	110	71
Lymphogranuloma venereum†	386	226	170	335	235	263	199	250	284	348
Malaria	1,123	1,046	1,007	813	1,056	1,388	2,082	894	731	547
Measles (rubeola)	6,282	2,822	2,587	1,497	1,714	3,124	13,506	13,597	26,871	57,345
Meningococcal infections, total	2,584	2,749	2,746	2,736	3,056	3,525	2,840	2,724	2,505	1,828
Mumps	7,790	2,882	3,021	3,355	5,270	4,941	8,576	14,225	16,817	21,436
Pertussis (whooping cough)	4,195	3,589	2,276	2,483	1,885	1,248	1,823	1,623	2,063	2,177
Plague	10	17	31	40	19	13	18	13	12	16
Polio myelitis, total	3	7	8	15	8	6	9	34	15	18
Paralytic††	—	—	—	—	—	—	—	—	—	—
Psittacosis	224	119	172	142	152	136	124	137	140	94
Rabies, animal	5,504	5,586	5,567	5,878	6,212	7,116	6,421	5,119	3,254	3,130
Rabies, human	—	1	2	2	—	—	—	—	—	—
Rheumatic fever, acute	147	80	117	88	137	284	432	629	851	1,738
Rubella (German measles)	551	630	752	970	2,325	2,077	3,804	11,795	18,289	20,385
Rubella congenital syndrome	14	—	5	22	7	19	50	82	30	23
Salmonellosis (excluding typhoid fever)	49,984	65,247	40,861	44,250	40,836	38,980	33,715	33,138	29,410	27,850
Shigellosis	17,138	17,057	19,719	18,129	18,129	19,659	19,041	20,135	19,511	16,052
Syphilis, primary and secondary†	27,883	27,131	28,607	32,688	33,813	31,288	27,204	24,874	21,858	20,389
Total all stages†	68,215	67,583	69,888	74,837	75,579	72,799	66,832	67,049	64,875	64,621
Tetanus	64	83	74	91	88	72	95	81	—	—
Toxic-shock syndrome	412	394	482	502	—	—	—	—	—	—
Trichinosis	38	61	68	45	—	—	—	—	—	—
Tuberculosis§§	22,768	22,201	22,255	23,846	25,550	27,373	27,749	27,688	27,688	27,688
Tularemia	170	177	291	310	275	286	234	234	234	234
Typhoid fever (cases)	392	402	380	507	425	584	510	510	510	510
Carriers	53	61	54	61	60	73	62	62	62	62
Typhus fever, flea-borne (endemic, murine)	67	37	53	62	58	81	81	81	81	81
Typhus fever, tick-borne (Rocky Mountain spotted)	700	714	714	714	714	714	714	714	714	714
Varicella (chickenpox)	183,243	178,182	221,983	177,452	167,432	200,796	190,894	190,894	190,894	190,894
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Not previously notifiable nationally.

†Civilian cases only.

‡Data for 1984-1986 reflects change in categories for tabulating encephalitis reports. Cases for 1984-1986 are 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. See footnote, Page 6.

**Data for 1985 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.

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

TABLE 2. NOTIFIABLE DISEASES—Summary of reported cases per 100,000 population, United States, 1977-1986

Disease	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
Acquired immunodeficiency syndrome (AIDS)	5.36	3.46	1.86							
Amebiasis	1.47	1.92	2.38	2.95	3.23	2.96	2.38	1.90	1.84	1.41
Anthrax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aseptic meningitis	4.72	4.89	3.57	5.49	4.18	4.16	3.61	4.05	3.01	2.24
Botulism, total	0.05	0.05	0.05	0.06	0.04	0.04	0.04	0.02	0.06	0.06
Food-borne	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.03	0.04
Infant	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.01	0.02	0.02
Brucellosis (undulant fever)	0.04	0.05	0.05	0.08	0.07	0.08	0.08	0.10	0.08	0.11
Chancroid	1.57	0.87	0.28	0.35	0.80	0.37	0.35	0.38	0.24	0.21
Cholera	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.04
Encephalitis, primary	0.54	0.58	0.53	0.15	0.16	0.14	0.14	0.15	0.13	0.16
Post-infectious	0.05	0.07	0.05	0.01	0.02	0.02	0.02	0.04	0.04	0.06
Gonorrhea	378.37	384.51	374.75	387.64	417.45	434.84	444.99	450.31	468.25	466.83
Granuloma inguinale	0.05	0.02	0.01	0.01	0.01	0.03	0.02	0.03	0.03	0.03
Hepatitis A	18.02	10.85	6.35	9.20	10.11	11.25	12.84	13.82	13.53	14.40
Hepatitis B	11.17	11.30	11.06	10.39	9.58	9.22	8.39	7.02	6.89	7.78
Hepatitis non-A non-B	1.55	1.81	1.64	1.66	1.39					
Hepatitis, unspecified	1.89	2.38	2.34	3.09	3.70	4.79	5.25	4.79	4.02	3.99
Legionellosis	0.43	0.37	0.35	0.43	0.35	0.18	0.21	0.27	0.35	0.17
Leprosy	0.11	0.15	0.12	0.11	0.11	0.11	0.10	0.08	0.08	0.07
Leptospirosis	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.05	0.03
Lymphogranuloma venereum	0.17	0.10	0.07	0.14	0.10	0.12	0.09	0.11	0.13	0.16
Malaria	0.47	0.44	0.43	0.35	0.46	0.61	0.91	0.41	0.34	0.25
Measles (rubella)	2.61	1.18	1.10	0.64	0.74	1.36	5.96	6.18	12.32	26.51
Meningococcal infections, total	1.08	1.04	1.16	1.17	1.32	1.54	1.25	1.24	1.15	0.84
Mumps	3.37	1.30	1.32	1.55	2.46	2.20	3.86	6.55	7.81	10.02
Pertussis (whooping cough)	1.74	1.50	0.96	1.05	0.82	0.54	0.76	0.74	0.95	1.02
Plague	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Polioomyelitis, total	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.01	0.01
Paralytic	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01
Psittacosis	0.09	0.05	0.07	0.06	0.07	0.06	0.05	0.06	0.06	0.04
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	0.07	0.08	0.06	0.09	0.17	0.30	0.44	0.60	1.23
Rubella (German measles)	0.23	0.26	0.32	0.41	1.00	0.91	1.72	5.36	8.38	9.43
Rubella congenital syndrome†	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.02	0.01	0.01
Salmonellosis, excluding typhoid fever	20.73	27.37	17.30	18.91	17.68	17.44	14.88	15.06	13.49	12.87
Shigellosis	7.11	7.14	7.36	8.43	7.83	8.66	8.41	9.15	8.95	7.42
Smallpox					Last documented case occurred in 1949.					
Syphilis, primary and secondary	11.65	11.45	12.20	14.08	14.61	13.72	12.06	11.16	10.00	9.50
Total all stages	28.50	28.50	29.81	32.13	32.84	31.95	30.51	30.07	30.00	30.10
Tetanus	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.04
Toxic-shock syndrome	0.19	0.18	0.24	0.24						
Trichinosis	0.02	0.03	0.03	0.02	0.05	0.10	0.06	0.07	0.03	0.07
Tuberculosis	9.44	9.30	9.42	10.19	11.02	11.94	12.25	12.57	13.08	13.93
Tularemia	0.07	0.07	0.12	0.13	0.12	0.13	0.10	0.09	0.06	0.08
Typhoid fever (cases)	0.15	0.17	0.17	0.22	0.18	0.25	0.23	0.24	0.83	0.18
(Carriers)	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	NA
Typhus fever, flea-borne (endemic, murine)	0.03	0.02	0.02	0.03	0.03	0.03	0.04	0.03	0.02	0.04
Typhus fever, tick-borne (Rocky Mountain spotted)	0.32	0.36	0.36	0.48	0.42	0.52	0.52	0.49	0.49	0.53
Varicella (chickenpox)	122.42	123.23	138.44	99.65	94.37	100.48	96.69	102.93	80.42	97.63
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. Civilian resident population was used 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, 1967-1976

Disease	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967
U.S. total resident population, July 1, estimate (in thousands)	214,659	213,121	211,390	209,851	208,232	206,256	203,805	201,385	199,399	197,457
Amebiasis	2,906	2,775	2,743	2,235	2,199	2,752	2,888	2,915	3,005	3,157
Anthrax	2	2	2	2	2	5	2	4	3	2
Aseptic meningitis	3,510	4,475	3,197	4,846	4,634	5,176	6,480	3,672	4,494	3,082
Botulism	55	38	28	34	22	25	12	16	7	5
Brucellosis (undulant fever)	296	310	240	202	196	183	213	235	218	265
Chancroid	628	700	945	1,165	1,414	1,320	1,416	1,104	845	784
Cholera	—	—	—	1	—	1	—	—	—	—
Diphtheria	128	307	272	228	152	215	435	241	260	219
Encephalitis, primary	1,651	4,064	1,164	1,613	1,059	1,524	1,580	1,613	1,791	1,478
Encephalitis, post-infectious	175	237	218	354	243	439	370	304	502	1,060
Gonorrhea	1,001,994	999,937	906,121	842,621	767,215	670,268	600,072	534,872	464,543	404,836
Granuloma inguinale	71	60	47	62	81	89	124	154	156	154
Hepatitis, serum	14,973	35,855	10,631	8,451	9,402	9,556	8,310	5,909	4,829	2,458
Hepatitis, infectious	33,288	13,121	40,358	50,749	54,074	59,606	56,797	48,416	45,893	38,909
Hepatitis, unspecified	7,488	7,158	8,351	—	—	—	—	—	—	—
Legionellosis	235	—	—	—	—	—	—	—	—	—
Leprosy	145	162	118	146	130	131	129	98	123	81
Leptospirosis	73	93	68	57	41	62	47	89	69	67
Lymphogranuloma venereum	365	353	394	408	756	692	612	520	485	371
Malaria	471	373	293	237	742	2,375	3,051	3,102	2,317	2,022
Measles (rubeola)	41,126	24,374	22,094	26,690	32,275	75,290	47,351	25,826	22,231	62,705
Meningococcal infections	1,605	1,478	1,346	1,378	1,323	2,262	2,505	2,951	2,623	2,161
Mumps	38,492	59,647	59,128	69,612	74,215	124,939	104,963	90,918	152,209	—
Pertussis (whooping cough)	1,010	1,738	2,402	1,759	3,287	3,036	4,248	3,285	4,810	9,718
Plague	16	20	8	2	1	2	5	3	5	3
Poliomyelitis, total	14	8	7	8	31	21	33	20	53	41
Paralytic	12	8	7	7	29	17	31	18	53	40
Psittacosis	78	49	164	33	52	32	35	57	43	41
Rabies, animal	3,073	2,827	3,151	3,640	4,369	4,310	3,224	3,490	3,591	4,481
Rabies, human	2	2	—	1	2	2	3	1	—	2
Rheumatic fever, acute	1,865	2,854	2,431	2,560	2,614	2,793	3,227	3,229	3,470	3,985
Rubella (German measles)	12,491	16,652	11,917	27,804	25,507	45,086	56,552	57,686	49,371	46,888
Rubella congenital syndrome	30	30	45	35	42	68	77	31	14	10
Salmonellosis, excluding typhoid fever	22,937	22,612	21,980	23,818	22,151	21,928	22,096	18,419	16,514	18,120
Shigellosis (bacillary dysentery)	13,140	16,584	22,600	22,642	20,207	16,143	13,845	11,946	12,180	13,474
Smallpox	—	—	—	—	—	—	—	—	—	—
Streptococcal sore throat and scarlet fever	NN	NN	NN	NN	NN	NN	NN	450,008	435,013	453,351
Syphilis, primary and secondary	23,731	25,561	25,385	24,825	24,429	23,783	21,982	19,130	19,019	21,053
Total, all stages	71,761	80,356	83,771	87,469	91,149	95,997	91,382	92,162	96,271	102,581
Tetanus	75	102	101	101	128	116	148	192	178	263
Trichinosis	115	252	120	102	89	103	109	215	77	66
Tuberculosis (newly reported active cases)	32,105	33,989	30,122	30,998	32,882	35,217	37,137	39,120	42,623	45,647
Tularemia	157	129	144	171	152	187	172	149	186	184
Typhoid fever	419	375	437	680	398	407	346	364	395	396
Typhus fever, flea-borne (endemic, murine)	69	41	26	32	18	23	27	36	36	52
Typhus fever, tick-borne (Rocky Mountain spotted)	937	844	754	668	523	432	380	498	298	305
Varicella (chickenpox)	183,990	154,248	141,495	182,927	164,114	—	—	—	—	—
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Not previously notifiable nationally.

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

TABLE 4. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1957-1966
(Figures exclude Alaska 1957-1958 and Hawaii, 1957-1959.)

Disease	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957
U.S. total resident population, July 1, estimate (in thousands)	195,576	193,526	191,141	188,483	185,771	182,992	179,979	176,513	173,320	170,371
Amebiasis	2,921	2,768	3,304	2,886	3,048	2,850	3,424	3,508	4,380	5,031
Anthrax	5	7	5	3	9	14	23	12	16	26
Aseptic meningitis	3,058	2,329	2,177	1,844	2,654	5,162†	1,593			
Botulism	9	19	23	47	10	14	12	20	6	28
Brucellosis (undulant fever)	262	262	411	407	409	636	751	892	924	983
Chancroid	838	982	1,247	1,220	1,344	1,438	1,680	1,537	1,595	1,637
Cholera	—	2	—	—	—	—	—	—	—	—
Diphtheria	209	164	293	314	444	617	918	934	918	1,211
Encephalitis, acute infectious	3,085§	2,703§	3,587§	1,993	2,094	2,248	2,341	2,437	2,587	2,135
Gonorrhea	351,738	324,925	300,666	278,289	263,714	264,158	258,933	240,254	232,386	214,496
Granuloma inguinale	148	155	135	173	207	241	296	265	314	348
Hepatitis, infectious and serum	34,356	33,856	37,740	42,974	53,016	72,651	41,666	23,574	16,294	14,922
Leprosy	109	96	97	103	80	63	54	44	39	36
Leptospirosis	72	84	142	89	79	71	53	83	55	47
Lymphogranuloma venereum	308	878	732	586	590	787	835	604	434	448
Malaria	565	147	93	99	118	73	72	71	85	132
Measles (rubeola)	204,136	261,904	458,083	385,156	481,530	423,919	441,703	406,162	763,094	486,799
Meningococcal infections	3,381	3,040	2,826	2,470	2,150	2,232	2,259	2,180	2,581	2,691
Pertussis (whooping cough)	7,717	6,799	13,005	17,135	17,749	11,468	14,809	40,005	32,148	28,295
Plague	5	8	—	1	—	3	2	4	—	1
Poliomyelitis	113	72	122	449	910	1,312	3,190	8,425	5,787	5,485
Paralytic	106	61	106	396	762	988	2,525	6,289	3,697	2,499
Psittacosis	50	60	53	76	79	102	113	147	158	278
Rabies, human†	1	2	1	1	2	3	2	7	5	5
Rabies, animal	4,178	4,574	4,780	3,929	3,732	3,599	3,567	4,177	4,787	4,542
Rheumatic fever, acute	4,472	4,998	7,491	7,561	7,977	10,470	9,022	8,285	6,889	6,427
Rubella (German Measles)	46,975									
Rubella congenital syndrome	11									
Salmonellosis, excluding typhoid fever	16,841	17,161	17,144	15,390	9,680	8,542	6,929	6,606	6,363	6,683
Shigellosis	11,888	11,027	12,984	13,009	12,443	12,571	12,487	12,888	11,861	9,822
Smallpox				Last documented case occurred in 1949.						
Streptococcal sore throat and scarlet fever	427,752	395,168	402,334	342,161	315,809	338,410	315,173	334,715	264,097	226,973
Syphilis, primary and secondary	21,414	23,338	22,969	22,251	21,087	19,851	16,145	9,799	7,176	6,576
Total, all stages	105,159	112,842	114,325	124,137	126,245	124,658	122,538	120,824	113,884	123,758
Tetanus	235	300	289	325	322	379	368	445	445	447
Trichinosis	115	199	198	208	194	306	180	227	176	178
Tuberculosis**	47,767	49,016	50,874	54,042	53,315	53,726	55,494	57,535	63,534	67,149
Tularemia	208	264	342	327	328	365	390	459	587	601
Typhoid fever	378	454	501	566	608	814	816	859	1,043	1,231
Typhus fever, flea-borne (endemic, murine)	33	28	30	35	32	46	68	51	71	113
Typhus fever, tick-borne (Rocky Mountain spotted)	268	281	277	216	240	219	204	199	243	240
Yellow fever				Last indigenous case reported 1911; last imported, 1924.						

*Not previously notifiable nationally.

†Includes Meningitis, other, for some states.

§Includes primary and post-infectious.

¶Registered deaths, 1957-1960.

**Includes new active cases.

TABLE 5. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1947-1956

Disease	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947
U. S. total resident population, July 1, estimate (in thousands)	167,306	164,308	161,164	158,242	155,687	153,310	151,235	148,665	146,093	143,446
Amebiasis	3,689	3,348	3,523	4,444	4,280	3,550	4,568	5,543	4,871	3,365
Anthrax	38	39	22	45	47	60	49	54	60	69
Botulism	17	16	18	18	18	33	20	24	39	44
Brucellosis (undulant fever)	1,300	1,444	1,823	2,032	2,537	3,139	3,510	4,235	4,991	6,321
Chancroid*	2,135	2,649	3,003	3,338	3,738	4,233	4,977	6,707	7,661	9,515
Cholera	—	—	—	—	—	—	—	—	—	—
Dengue	2	1	6	8	5	16	26	46	24	35
Diphtheria	1,568	1,984	2,041	2,355	2,960	3,983	5,796	7,969	9,493	12,262
Encephalitis, acute infectious	2,624	2,166	2,606	1,935	1,912	1,123	1,135	903	730	785
Gonorrhea*	224,346	236,197	242,050	238,340	244,957	254,470	286,746	317,950	345,501	380,666
Granuloma inguinale*	357	490	618	667	951	1,352	1,783	2,402	2,469	2,330
Hepatitis, infectious†	19,234	31,961	50,093	33,700	17,428	7,349	2,820	2,027	709	1,092
Leprosy	52	75	56	60	57	57	44	41	63	56
Leptospirosis	44	24	48	42	62	9	30	17	18	14
Lymphogranuloma venereum*	500	762	875	983	1,200	1,300	1,427	1,925	2,429	2,526
Malaria	234	522	715	1,310	7,023	5,600	2,184	4,151	9,606	15,116
Measles	611,936	555,156	682,720	449,146	683,077	530,118	319,124	625,281	615,104	222,375
Meningococcal infections	2,735	3,455	4,436	5,077	4,884	4,164	3,788	3,519	3,376	3,420
Pertussis (whooping cough)	31,732	62,786	60,886	37,129	45,030	68,687	120,718	69,479	74,715	156,517
Plague	1	—	—	—	—	1	3	3	—	1
Poliomyelitis, total	15,140	28,985	38,476	35,592	57,879	28,386	33,300	42,033	27,726	10,827
Paralytic	7,911	13,850	18,308	15,648	21,269	10,037	NA	NA	NA	NA
Psittacosis	568	334	563	169	135	25	26	35	32	27
Rabies, human§	10	4	13	12	24	18	18	10	24	26
Rabies, animal‡	5,681	5,799	7,297	8,903	8,445	8,008	7,901	7,587	8,495	8,920
Rheumatic fever, acute†	6,562	—	—	—	—	—	—	—	—	—
Salmonellosis, excluding typhoid fever	6,704	5,447	5,375	3,946	2,596	1,773	1,233	1,243	882	951
Shigellosis (bacillary dysentery)	10,306	13,912	13,846	16,533	23,197	32,215	23,367	29,080	23,753	17,048
Smallpox	—	—	—	—	—	—	—	49	57	176
Streptococcal sore throat and scarlet fever	176,392	147,502	147,785	132,935	113,677	84,151	64,494	87,220	91,295	93,595
Syphilis, primary and secondary*	6,392	6,454	7,147	8,637	10,449	14,485	23,939	41,942	68,174	93,545
Total, all stages*	130,201	122,392	130,697	148,573	167,762	174,924	217,558	256,463	314,313	355,592
Tetanus	468	462	524	506	484	506	486	579	601	560
Trichinosis	262	264	277	395	367	393	327	353	487	451
Tuberculosis**	69,895	77,368	79,775	84,304	86,700	118,491	121,742	134,865	137,006	134,946
Tularemia	522	584	681	601	668	702	927	1,179	1,086	1,401
Typhoid fever	1,700	1,704	2,169	2,252	2,341	2,128	2,484	2,795	2,840	3,075
Typhus fever, flea-borne (endemic, murine)	98	135	163	221	205	378	685	985	1,171	2,050
Typhus fever, tick-borne (Rocky Mountain spotted)	293	295	294	313	327	347	464	570	547	596
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Data reported for calendar year.

†Data for 1953—1956 includes serum hepatitis.

§Registered deaths.

‡Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration, 1947-1951.

**Includes newly reported active and inactive cases, 1947-1951; new active cases, 1952-1956.

TABLE 6. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1937-1946

Disease	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937
U.S. total resident population, July 1, estimate (in thousands)	140,054	132,481	132,885	134,245	133,920	133,121	131,954	130,880	129,825	128,825
Amebiasis	4,093	3,412	3,241	3,329	2,721	3,201	3,033	3,001	2,297	2,049
Anthrax	40	40	49	72	94	104	76	54	52	65
Botulism	—	—	—	—	—	NA	—	—	—	—
Brucellosis (undulant fever)	5,887	5,049	4,436	3,733	3,228	3,484	3,310	3,501	4,379	2,676
Chancroid*	7,091	5,515	7,878	8,354	5,477	3,384	NA	NA	NA	NA
Cholera	—	—	—	—	—	—	—	—	NA	NA
Dengue	40	106	61	123	171	600	66	144	250	350
Diphtheria	16,354	18,675	14,150	14,811	16,260	17,987	15,536	24,053	30,508	28,536
Encephalitis, acute infectious	728	785	788	771	666	3,516	1,030	928	1,073	1,030
Gonorrhea*	368,020	287,181	300,676	275,070	212,403	193,468	175,841	182,314	198,439	182,460
Granuloma inguinale*	2,232	1,857	1,759	1,748	1,278	639	NA	NA	NA	NA
Hepatitis, infectious	—	—	—	—	—	—	—	—	—	—
Leprosy	43	40	37	35	70	NA	NA	NA	NA	NA
Leptospirosis	—	—	—	—	—	—	—	—	—	—
Lymphogranuloma venereum*	2,603	2,631	2,858	2,593	1,888	1,381	NA	NA	NA	NA
Malaria	48,610	62,763	57,626	54,554	60,077	68,074	78,129	82,654	84,205	108,459
Measles	695,843	146,013	630,291	633,627	547,413	894,134	291,162	403,317	822,811	321,510
Meningococcal infections	5,693	8,208	16,312	18,223	3,823	2,006	1,653	1,972	2,859	5,484
Pertussis (whooping cough)	109,860	133,792	109,873	191,890	191,383	222,202	183,866	183,188	227,319	214,652
Plague	—	—	1	1	1	2	1	1	—	2
Poliomyelitis, acute	25,698	13,624	19,029	12,450	4,167	9,086	9,804	7,343	1,705	9,514
Psittacosis	26	27	6	1	23	11	NA	NA	NA	NA
Rabies, human†	34	43	56	47	36	39	41	40	66	59
Rabies, animal‡	10,850	9,928	10,487	9,649	7,137	7,847	7,210	9,365	6,816	6,632
Salmonellosis	723	649	712	731	504	NA	NA	NA	NA	NA
Shigellosis (bacillary dysentery)	24,286	34,943	38,230	31,590	25,572	18,972	17,501	16,537	15,886	NA
Smallpox	337	346	397	765	865	1,396	2,795	9,877	14,939	11,673
Streptococcal sore throat and scarlet fever	125,511	185,570	200,539	150,362	135,755	139,424	165,766	173,162	198,428	236,361
Syphilis, primary and secondary*	94,957	77,007	78,443	82,204	75,312	68,231	NA	NA	NA	NA
Total, all stages*	363,647	359,114	467,755	575,593	479,601	485,560	472,900	478,738	480,140	336,258
Tetanus	—	—	—	—	—	—	—	—	—	—
Trichinosis	—	—	—	—	—	—	—	—	—	—
Tuberculosis¶	119,256	114,931	126,294	120,253	117,204	105,567	102,984	103,922	107,021	112,394
Tularemia	1,355	900	781	966	1,024	1,530	1,620	2,291	2,088	960
Typhoid fever**	3,268	4,211	4,599	4,690	5,595	8,601	9,809	13,069	14,903	16,033
Typhus fever, flea-borne (endemic, murine)	3,365	5,193	5,401	4,528	3,736	2,784	1,878	2,996	2,294	2,394
Typhus fever, tick-borne (Rocky Mountain spotted)	587	472	470	473	498	516	457	559	434	432
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Data reported for fiscal years.

†Registered deaths.

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

¶Includes newly reported active and inactive cases.

**Includes cases of paratyphoid 1937-1941.

TABLE 7. NOTIFIABLE DISEASES—Deaths from specified notifiable diseases, United States, 1975-1984

(Numbers in ICD column refer to the category numbers listed in the Ninth Revision of the International Classification of Diseases, 1975.)

Cause of Death	ICD	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975
Amebiasis	006	10	21	7	16	22	19	14	28	36	35
Anthrax	022	—	—	—	—	—	—	—	—	—	—
Botulism, foodborne	005.1	4	7	4	3	5	2	5	6	3	3
Brucellosis	023	—	—	2	1	—	2	3	—	2	—
Chancroid	099.0	—	—	—	—	—	—	—	—	—	—
Cholera	001	—	—	—	3	1	—	—	—	—	—
Diphtheria	032	—	—	1	—	1	1	4	5	7	5
Encephalitis, acute infectious*	062-064,049	168	169	166	164	188	172	185	206	253	386
Gonococcal infections	098	3	4	6	4	7	1	9	1	1	1
Granuloma inguinale	099.2	—	—	—	—	1	1	1	—	—	1
Hepatitis, viral, infectious (Hepatitis A)	070.0-070.1	77	82	83	93	112	129	—	—	—	—
Hepatitis, viral, serum (Hepatitis B)	070.2,070.3	465	438	375	359	294	260	508	508	567	612
Hepatitis, viral, other and unsp.	070.4-070.9	327	343	356	410	403	364	—	—	—	—
Leprosy	030	6	3	3	2	—	3	4	1	1	2
Leptospirosis	100	—	5	4	5	—	—	—	—	—	—
Lymphogranuloma venereum	099.1	—	—	1	1	2	4	5	8	12	7
Malaria	084	7	3	2	7	—	3	5	3	4	4
Measles (rubeola)	055	1	4	2	2	11	6	11	15	12	20
Meningococcal infection	036	300	299	364	459	387	404	403	338	330	308
Mumps	072	1	2	2	1	2	2	3	5	8	8
Pertussis (whooping cough)	033	7	5	4	6	11	6	6	10	7	8
Plague	020	3	5	3	3	5	2	—	—	2	3
Poliomyelitis	045.0-045.9	—	—	—	—	6	4	13	16	16	9
Bulbar or polioencephalitis	045.0	—	—	—	—	—	—	—	2	3	2
With other paralysis	045.1	—	—	—	—	2	1	1	2	1	1
Non-paralytic	045.2	—	—	—	—	—	—	—	—	—	—
Unspecified	045.9	—	—	—	—	4	3	12	12	12	6
Psittacosis (ornithosis)	073	—	1	—	—	—	—	—	—	—	—
Rabies	071	2	2	—	1	—	4	1	—	1	—
Rheumatic fever, acute	390-392	70	87	77	96	109	114	138	125	149	155
Rubella (German measles)	056	1	3	4	5	1	1	10	17	12	21
Salmonellosis, including paratyphoid fever	002.1-002.9,003	90	82	89	105	89	70	79	73	61	67
Shigellosis	004	8	9	9	11	15	19	20	25	19	27
Syphilis	090-097	105	121	126	136	154	180	169	196	225	272
Tetanus	037	20	22	22	31	28	30	32	24	32	45
Trichinosis	124	—	—	—	—	1	2	—	—	1	—
Tuberculosis (all forms)	010-018	1,729	1,779	1,807	1,937	1,978	2,007	2,914	2,968	3,130	3,333
Tularemia	021	2	1	2	1	3	2	—	2	2	—
Typhoid fever	002.0	—	3	2	2	2	2	—	3	2	3
Typhus fever, flea-borne (endemic-murine)	081.0	—	—	—	—	—	—	—	—	1	—
Typhus fever, tick-borne (Rocky Mountain spotted)	082.0	34	35	40	30	38	32	30	43	41	29
Varicella (chickenpox)	052.0	53	57	61	84	78	103	91	89	106	83

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

Source: National Center for Health Statistics, *Vital Statistics of the United States, Vol. II, Part A*, for 1975-1982. Unpublished final data, National Center for Health Statistics, 1983-1984.

Deaths are classified according to the Eighth Revision, ICD, for 1975-1978 and according to the Ninth Revision, ICD, for 1979-1984. Discontinuities for some causes may result due to the introduction of the Ninth Revision.

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The contributions of the State and Territorial Epidemiologists and the State Laboratory Directors to this report are gratefully acknowledged. The persons listed were in the positions shown as of July 15, 1987.

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