

FACTS

**and
FIGURES**

**about
INFANTILE PARALYSIS**

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NATIONAL FOUNDATION FOR INFANTILE PARALYSIS

The National Foundation for Infantile Paralysis

FRANKLIN D. ROOSEVELT, FOUNDER
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PREFACE

AS PUBLIC health and medical workers you are undoubtedly familiar with the fact that an enormous amount of research is being carried on in universities and laboratories of the country through grants made by the National Foundation for Infantile Paralysis. This is only a part of the coördinated effort to combat this disease. Other phases include a program of education for professional and lay people, epidemic aid and care of poliomyelitis patients throughout the country.

There is a local chapter of the National Foundation in your area prepared to carry out the pledge that lack of funds shall not deprive any infantile paralysis patient of medical and hospital care, regardless of age, race, creed or color.

Basil O'Connor
President

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THIS publication, a compilation of statistical data on infantile paralysis, was first published in 1945 and is revised each year. Information was gathered from the United States Public Health Service, state health departments and various sources to provide physicians, public health workers and other interested persons with basic information on this disease. For the first time, data on foreign countries is included.

Infantile paralysis is not a new disease. One of the earliest accounts was published by Underwood in 1789. The first mention of its occurrence in the United States was Colmer's description of a group of cases which he saw in West Feliciana, Louisiana, in the fall of 1841. The site of the first epidemic in the United States was the Otter Creek Valley of Vermont, where 132 cases were reported in 1894.

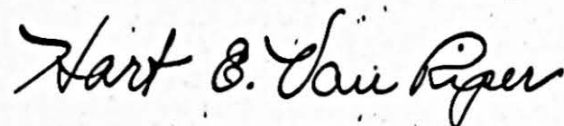
In 1907 New York City experienced its first severe epidemic with over 2,500 cases. Then in 1916 the worst year in our history of the disease occurred. Cases reported in the country mounted to 27,363. Since then scarcely a year has passed that some locality in the country has not suffered a major epidemic of infantile paralysis.

In using the data, it must be remembered that case reports and death certificates, sent by physicians to local health departments, provide the information on morbidity and mortality. The value of these tabulations depends upon completeness of case reporting and accuracy of diagnosis. Infantile paralysis was not a reportable disease in most states until about 1910. Com-

pleteness of reporting, especially as regards differentiation of paralytic and non-paralytic forms, varies from state to state, but it is generally believed that accuracy of reporting has improved as the attention of the medical profession and public has been more closely focused on this disease.

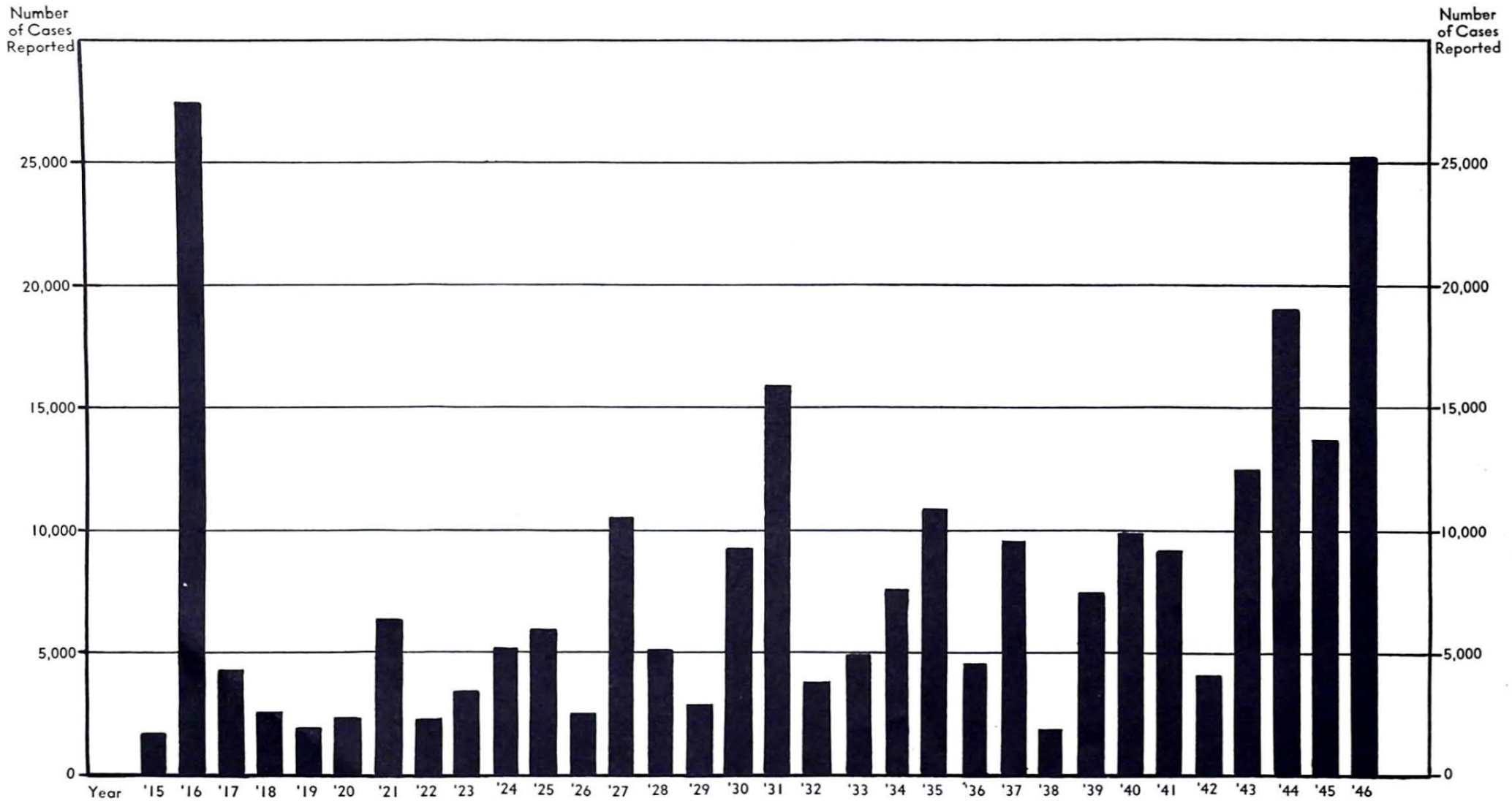
Incidence of infantile paralysis in the United States is shown in tables, maps and charts. Other statistics furnish information on age and sex distribution, case rates, crippling conditions and mortality.

While it has been impossible to include all the data available, it is hoped that the material presented will answer some of the questions that are being asked about infantile paralysis.



Medical Director,
*The National Foundation for
Infantile Paralysis*

Chart I—Infantile Paralysis Cases Reported in the United States—1915-1946



Data from the United States Public Health Service

Chart 2—Weekly Incidence of Infantile Paralysis in the United States—1942-1946

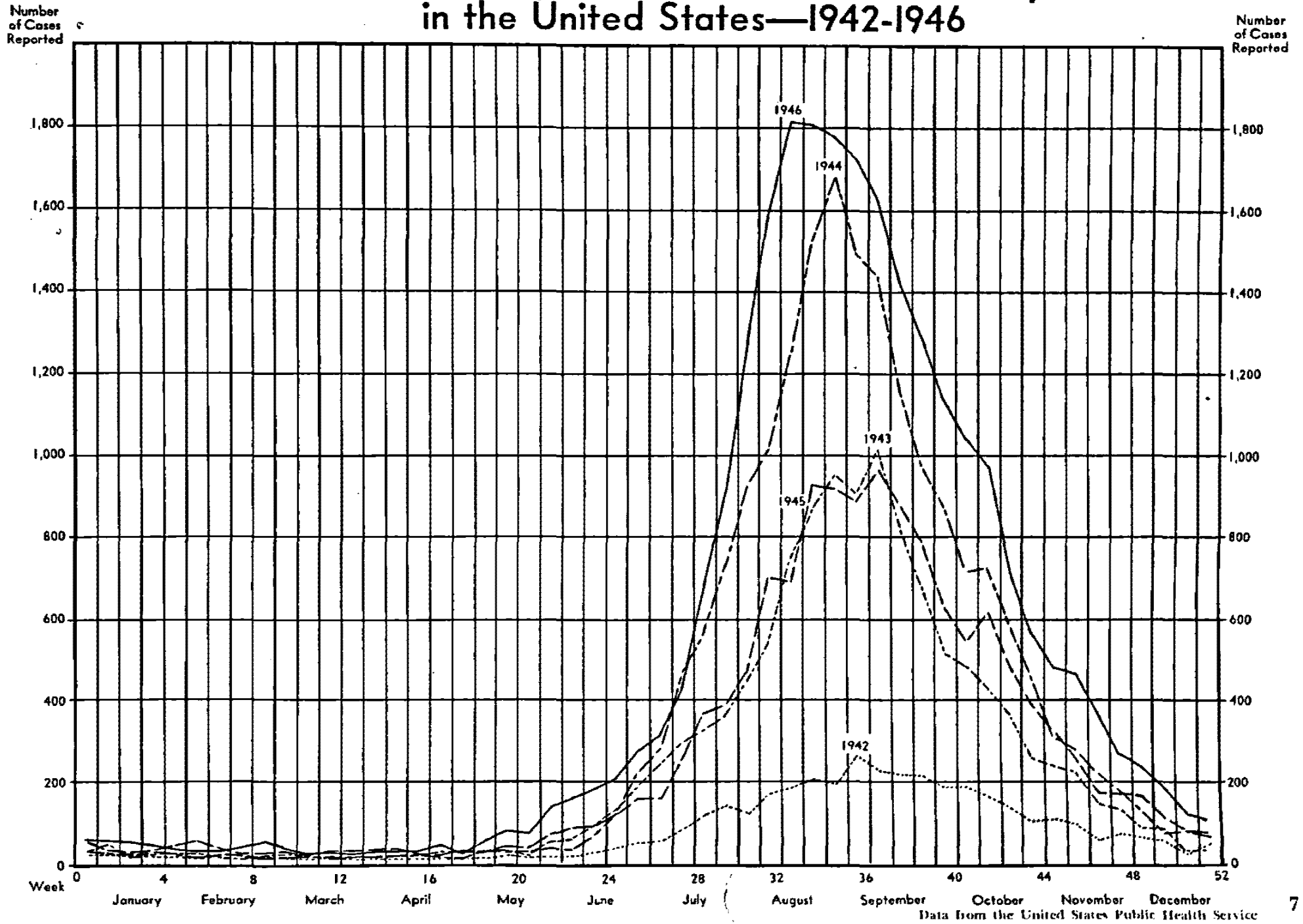


Table I—Cases of Infantile Paralysis Reported by States and Territories; United States, 1915-1946

STATE OR TERRITORY	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946*	STATE OR TERRITORY			
Alabama	12	186	42	15	35			33	24	26	75	37	30	61	58	69	57	35	28	50	61	391	82	99	45	54	871	72	39	103	153	378	Alabama			
Arizona	2	6					2		3	3	18	37	4		9	29	12	11	31	131	25	14	25	9	93	15	34	138	34	25	109	Arizona				
Arkansas			14	14	11				18	10	19		61			80			13	20	28	57	341	34	29	59	151	77	44	69	403	Arkansas				
California	62	132	67	75	27	72	30	93	250	192	821	187	1,277	298	172	1,835	292	191	170	5,338	829	369	698	117	1,006	461	241	197	2,558	486	914	2,199	California			
Colorado		16	8	9		10		12	8		120	50	12	77	76	13	78		7	20	22	33	213	13	138	40	26	39	289	64	145	967	Colorado			
Connecticut	35	951	29	53	12	41	38	47	88	120	50	33	183	70	18	71	1,133	29	79	14	402	16	104	19	28	17	114	46	378	219	214	119	Connecticut			
Delaware						1	3			4		11		4			6	11		3		6		8	2	25	17		7	93	29	32	Delaware			
Dist. of Col.	6	39	6	2	11	3	40	5	19	23	22	6	14	38	6	11	17	39	12	10	85	7	30	28	19	8	76	5	12	194	139	36	Dist. of Col.			
Florida				7	6	6	8	15	14	7	59	16	39	23	33		17			16	16	42	35	32	68	34	263	43	28	109	143	570	Florida			
Georgia				23	23	15	15	41				13	21						42	41	48	38	157	92	71	105	30	798	49	28	104	128	170	Georgia		
Idaho						38				11	10	7	39	47	15	18	15	9	156	8	21	15	12	35	66	10	6	15	15	24	48		Idaho			
Illinois		853	303	273	287	678	134	217	257	262	127	480	108	82	402	700	203	207	214	244	689	780	106	192	583	375	487	1,576	560	1,104	2,504	Illinois				
Indiana	36	207	69	68	32	29	80		27	78	58	37	153	34	25	165	80	29	46	74	49	55	145	17	56	682	117	97	108	334	203	433	Indiana			
Iowa		259	157	176	14	32	170	21		65	179	18	109	37	76	222	167	51	45	37	65	76	241	40	197	930	41	72	204	204	320	634	Iowa			
Iowa	48	103	74	30	51	28	81	21	148	27	122	66	198	40	26	694	32	41	55	79	35	92	246	7	52	537	49	109	761	116	130	1,046	Iowa			
Kentucky																																		Kentucky		
Louisiana	9	77	56	39	31	14	17	35	30	19	31	21	73	21		310	33	43	31	27	104	35	138	45	20	131	73	63	72	159	135	382	Louisiana			
Maine		149	11	7	2	34	26	23	14	139	29	16	135	49	12	162	121	62	67	25	160	39	136	16	6	12	40	44	14	21	89	39	Maine			
Maryland	66	352	89	90	111	47	221	39	27	192	50	46	31	289	21	43	50	35	44	28	107	37	82	18	27	15	238	17	24	508	128	109	Maryland			
Massachusetts		1,825	174	99	66	696	233	217	223	277	167	245	1,189	434	119	503	1,428	61	353	76	1,390	51	349	18	76	45	182	36	252	436	527	380	Massachusetts			
Michigan	71	616	73	103	105	61	480	43	39	647	99	107	284	77	180	208	1,137	112	93	230	614	152	421	59	904	1,228	270	162	175	884	215	1,081	Michigan			
Minnesota	127	909	75	82	85	80	708	51	81	144	929	44	140	224	33	473	822	123	377	113	99	37	355	47	564	258	303	83	111	560	288	2,875	Minnesota			
Mississippi	85	269	56	57	78	68	49	21	43	25	47	49	56	69	23	46	54	23	14	35	16	37	35	157	63	36	129	36	129	80	335	Mississippi				
Missouri																																		Missouri		
Montana		84	37	8	9	25	28	47	16	183	41	12	22	65	7	20	58	9	13	322	7	12	31	14	5	108	33	13	26	39	82	129	Montana			
Nebraska			10	34	13	64	24	107	14	125	20	115	41	10	287	38	31	26	23	16	27	218	13	50	184	29	142	144	84	120	642	Nebraska				
Nevada	3					2	3			17	27		13	9	6	6	1	1	2	16	4	2	6		2	2	2	2	2	10	11	16	Nevada			
New Hampshire						16	12	12	6	40	21	6	61	21	6	26	73	7	14	7	67	6	25	3	4	3	46	12	14	68	34	184	New Hampshire			
New Jersey	36	4,056	61	43	44	51	170	115	211	86	196	58	332	82	59	975	361	234	62	512	28	160	40	230	58	351	250	85	552	952	256	New Jersey				
New Mexico						6	6	19	2	8	12	8	200	19		37	16	10	9	17	10	30	25	11	108	26	10	27	77	23	25	169	New Mexico			
New York	257	13,223	295	233	146	214	1,149	619	943	1,210	793	674	916	1,021	495	738	6,189	334	1,386	222	2,866	194	638	115	1,041	223	1,100	291	676	6,081	1,911	1,424	New York			
North Carolina						23	35	39	25	79	112	24	51	133	96	104	54	30	45	30	675	52	105	50	116	74	68	82	36	861	159	160	North Carolina			
North Dakota						9	44	19	23	72	154	24	27	138	19	44	43	30	82	11	12	17	7	8	18	46	20	21	24	53	17	462	North Dakota			
Ohio	466	646	354	152	98	68	288	63	82	157	227	140	1,170	291	180	920	227	81	358	286	89	340	533	55	152	647	490	157	184	1,171	463	717	Ohio			
Oklahoma			20								38	32				158																		Oklahoma		
Oregon	1	36	20	4	2	6	78	5	7	59	23	19	390	84	36	28	16	21	36	80	50	40	83	15	58	64	84	23	413	239	69	155	Oregon			
Pennsylvania		2,181	555	302	108	144	244	91	175	155	183	100	477	218	197	178	411	1,111	407	135	224	130	336	85	442	156	742	120	128	1,457	785	287	Pennsylvania			
Rhode Island						18	5	105	7	11	37	12	65	15	11	23	169	10	20	2	359	4	21	7	6	16	37	6	189	13	9	90	Rhode Island			
South Carolina	2	123	17	18	18	13	37	16	25	38	44	19	76	49		99	68	78	59	51	41	29	36	39	46	42	29	444	19	165	67	19	73	189	21	South Carolina
South Dakota			35	24	14																													South Dakota		
Tennessee						30	22	37	16	30	22	60																						Tennessee		
Texas	8		21	46																														Texas		
Utah				2	7																													Utah		
Vermont	42	64	172	6	15																													Vermont		
Virginia	241	330	269	82	143	76	131	79	147	127	94	67	72	97	325	119	68	63	38	83	688	58	66	59	46	241	155	44	61	756	335	142	Virginia			
Washington	10	30		24	16	10	336	18	22	632	115	16	292	343	31	61	86	84	90	741	45	77	87	18	27	449	74	33	352	205	333	522	Washington			
West Virginia			332	30	61	16	43	12	24	24	17		226	190	71	47	81	42	93	85	41	63	68	17	64	662	49	30	222	66	76	66	West Virginia			
Wisconsin	14	475	57	268	226	84	259	3	81	64	68	313	44	177	65	22	178	722	55	64	137	66	47	292	38	106	504	97	45	295	274	595	1,273	Wisconsin		
Wyoming						3																													Wyoming	
TOTAL	1,639	27,363	4,174	2,543	1,867	2,321	6,280	2,223	3,314	5,199	5,926	2,621	10,445	5,101	2,838	9,188	15,780	3,778	4,983	7,621	10,839	4,523	9,511	1,705	7,343	9,826	9,086	4,033	12,450	19,029	13,619	25,191	TOTAL			
Alaska																																			Alaska	
Hawaii							3	1	10	13	3	1	29	5	4	17	27	16	7	14	4	43														

THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS, INC.,

INFANTILE PARALYSIS IN THE UNITED STATES

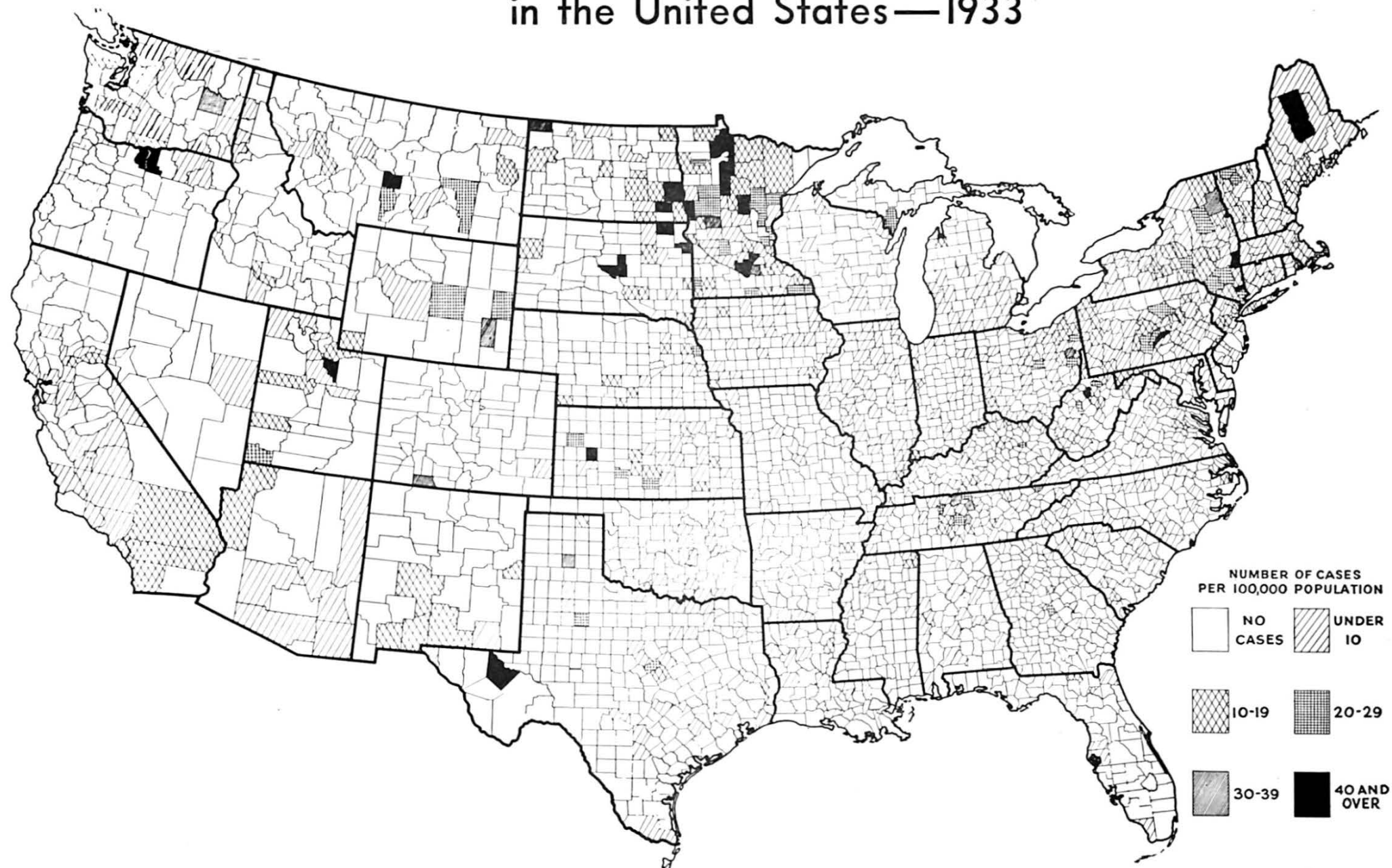
1946 — 1950

NUMBER OF CASES REPORTED AND CASE RATES, BY STATES

STATE	1946		1947		1948		1949		1950	
	CASES	RATE*	CASES	RATE*	CASES	RATE*	CASES	RATE*	CASES	RATE**
ALABAMA	378	13.5	50	1.8	214	7.4	243	8.3	283	9.3
ARIZONA	147	23.6	36	5.5	170	24.1	164	22.0	171	22.8
ARKANSAS	408	21.6	83	4.4	145	7.5	987	50.3	341	17.9
CALIFORNIA	2,192	23.0	878	8.9	5,857	56.6	2,607	24.5	2,138	20.2
COLORADO	900	79.1	67	5.8	124	10.3	675	55.6	211	16.0
CONNECTICUT	121	6.2	135	6.7	121	6.1	657	32.6	483	24.1
DELAWARE	32	11.2	115	39.2	128	42.7	46	14.8	43	13.5
DIST. OF COL.	36	4.3	23	2.7	169	19.6	107	12.3	184	23.0
FLORIDA	571	24.7	113	4.7	283	11.6	284	11.4	471	17.0
GEORGIA	165	5.3	81	2.5	237	7.5	243	7.6	478	13.9
IDAHO	48	10.2	352	72.1	119	20.3	514	86.3	161	27.4
ILLINOIS	2,554	31.8	852	10.4	1,101	13.2	2,906	34.4	1,916	22.0
INDIANA	453	12.0	259	6.7	397	10.1	1,141	28.6	608	15.5
IOWA	633	24.9	176	6.8	1,260	48.2	1,211	45.8	1,391	53.1
KANSAS	1,068	57.4	91	4.8	324	17.1	755	38.8	523	27.5
KENTUCKY	114	4.2	129	4.6	202	7.1	696	24.1	688	23.4
LOUISIANA	382	15.2	54	2.1	156	6.0	232	8.8	408	15.2
MAINE	40	4.6	44	4.8	40	4.5	466	51.3	96	10.5
MARYLAND	129	5.9	108	4.9	156	7.2	301	13.9	712	30.4
MASS.	378	8.2	347	7.3	177	3.8	1,807	38.4	511	10.9
MICHIGAN	1,091	18.0	653	10.4	772	12.4	2,877	45.3	2,002	31.4
MINNESOTA	3,183	112.8	252	8.7	1,425	42.6	1,891	63.5	591	19.8
MISS.	342	16.3	61	2.9	162	7.7	353	16.6	396	18.2
MISSOURI	1,267	33.6	132	3.4	319	8.2	1,324	33.7	415	10.5
MONTANA	129	27.0	25	5.1	71	13.9	102	19.6	46	7.8
NEBRASKA	645	50.6	201	15.4	712	56.0	681	53.0	453	34.2
NEVADA	16	11.8	7	5.0	25	15.2	18	10.4	13	8.1
NEW HAMP.	183	36.4	30	5.5	23	4.4	182	33.5	23	4.3
NEW JERSEY	257	6.0	295	6.7	807	16.9	1,527	31.4	835	18.3
NEW MEXICO	166	31.4	40	7.3	81	14.2	207	35.2	134	19.7
NEW YORK	1,365	9.9	1,189	8.4	1,402	9.9	5,587	38.8	4,235	28.6
NO. CAR.	157	4.3	302	8.1	2,513	66.3	243	6.3	750	13.5
NO. DAK.	492	91.6	74	13.4	127	21.8	450	74.4	39	6.3
OHIO	718	9.6	1,465	18.8	1,173	15.0	1,792	22.5	1,803	22.7
OKLAHOMA	434	19.5	57	2.5	362	15.8	1,323	57.5	530	23.8
OREGON	155	10.7	110	7.3	219	13.4	331	19.1	520	34.2
PENN.	341	3.4	477	4.6	741	7.1	841	7.9	1,334	12.7
RHODE IS.	90	12.1	144	18.9	8	1.1	178	24.0	52	6.6
SO. CAR.	21	1.1	66	3.4	380	19.2	109	5.5	434	20.5
SO. DAK.	380	69.4	26	4.6	938	153.5	409	63.0	134	28.2
TENNESSEE	183	6.1	171	5.6	377	11.9	547	16.9	563	17.1
TEXAS	979	14.1	123	2.6	1,765	23.9	2,340	31.1	2,772	36.1
UTAH	148	23.2	28	4.4	213	31.8	292	42.8	84	12.2
VERMONT	72	20.4	40	11.0	26	7.2	156	42.3	33	8.8
VIRGINIA	142	4.8	175	5.8	573	12.8	339	10.9	1,217	36.7
WASHINGTON	519	23.0	171	7.7	385	15.6	594	23.0	636	26.8
WEST VA.	76	4.2	145	7.8	179	9.4	349	13.0	378	18.9
WISCONSIN	1,271	40.1	204	6.2	651	19.7	1,164	34.7	952	27.7
WYOMING	122	45.4	12	6.5	82	23.8	121	42.6	47	16.2
U.S. TOT.	25,608	18.4	10,734	7.5	27,902	19.1	42,366	22.5	33,314	22.1

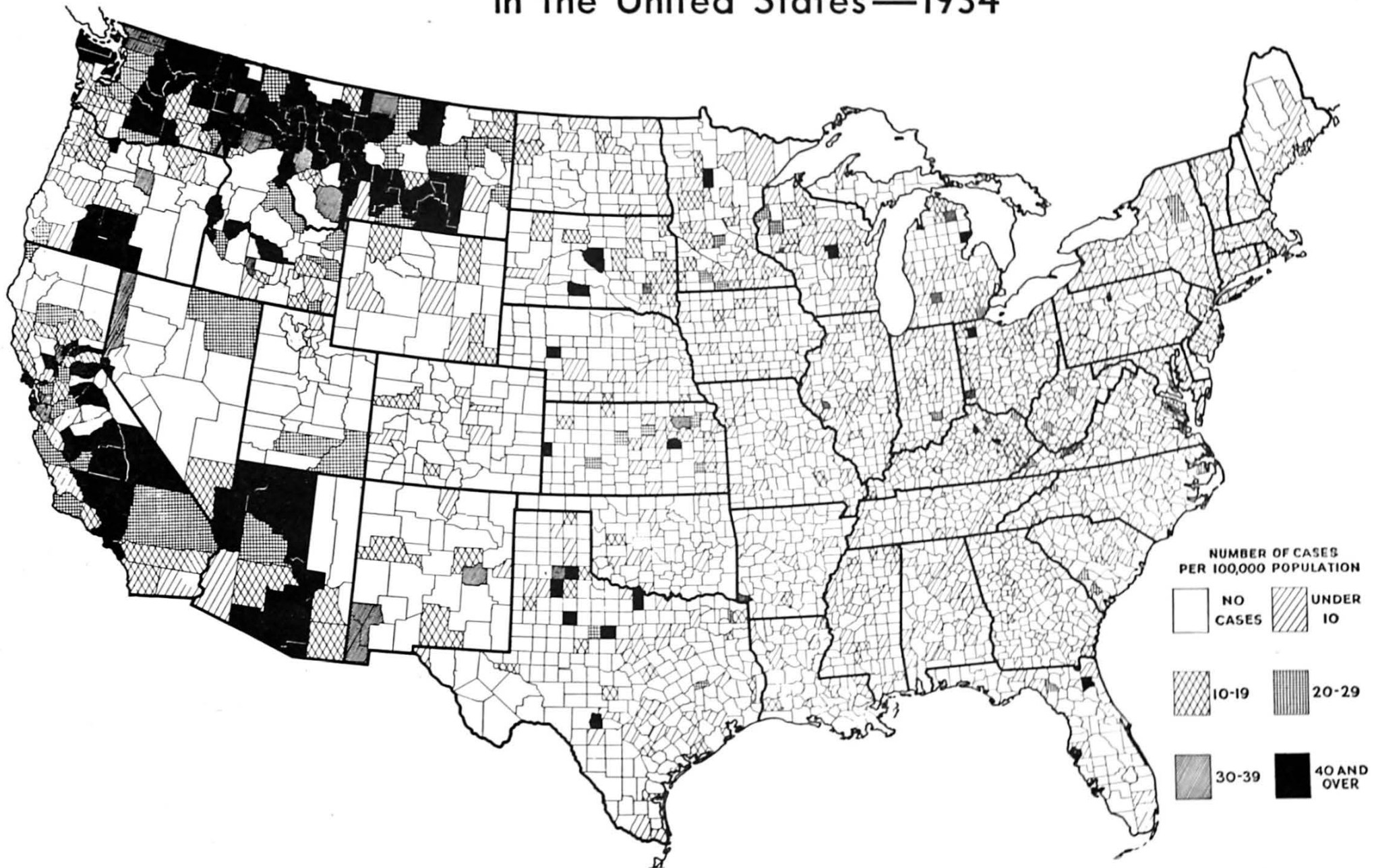
* Rates per 100,000 population based on annual population estimates prepared by the Bureau of The Census - ** 1950 based on 1950 Census

Chart 3^A — Distribution of Infantile Paralysis in the United States—1933



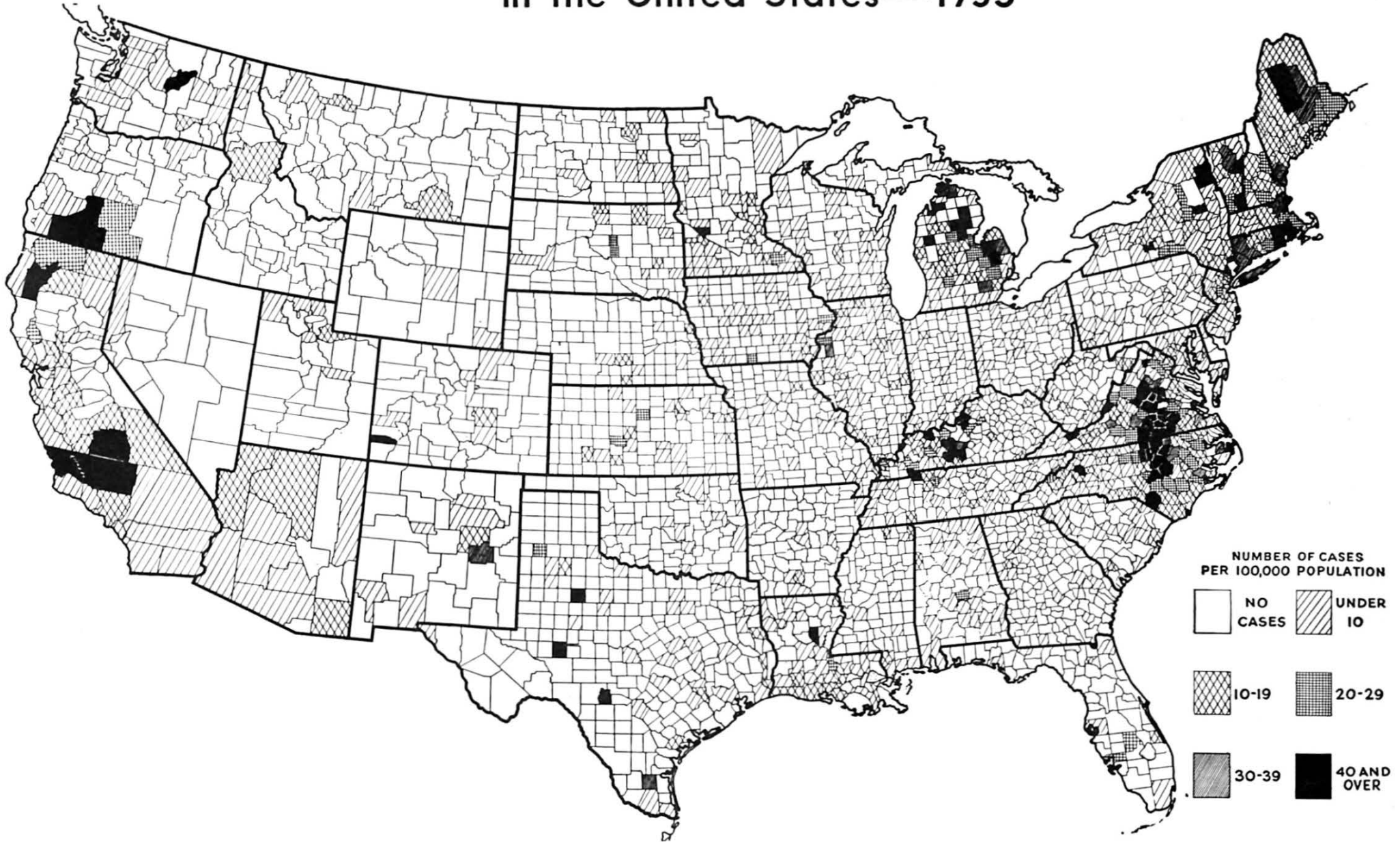
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Chart 3^B—Distribution of Infantile Paralysis in the United States—1934



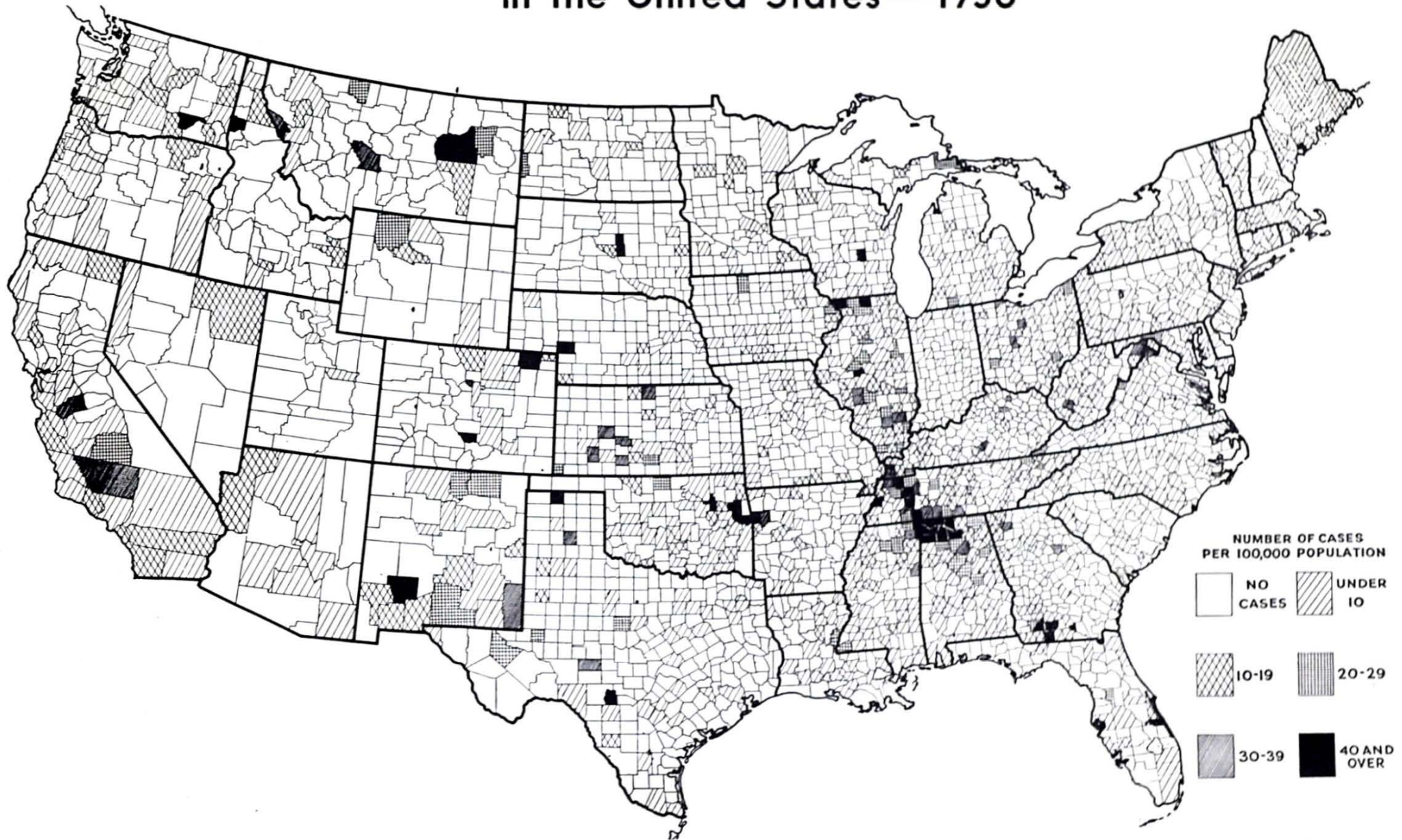
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Chart 3^c—Distribution of Infantile Paralysis in the United States—1935



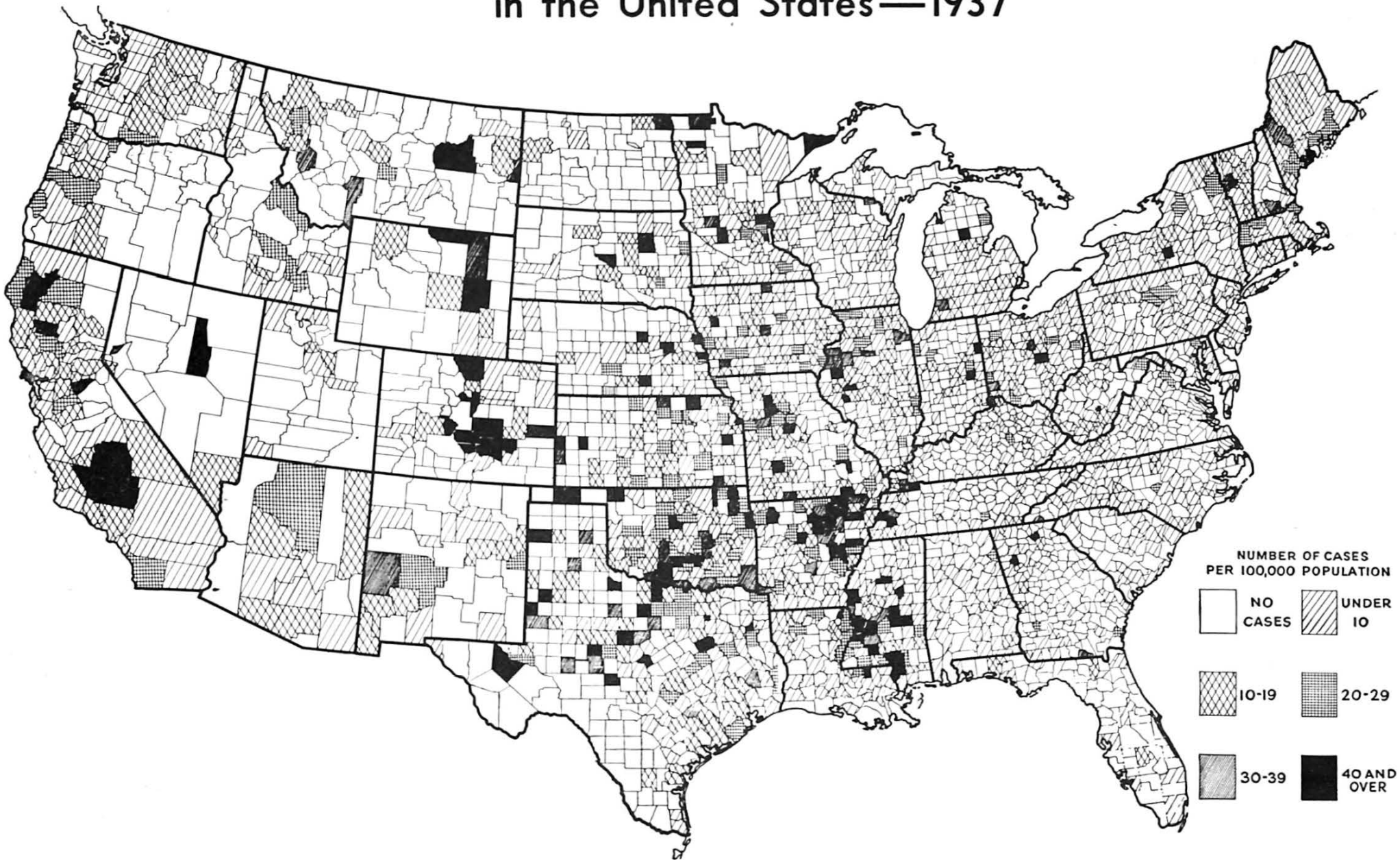
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Chart 3^D — Distribution of Infantile Paralysis in the United States — 1936



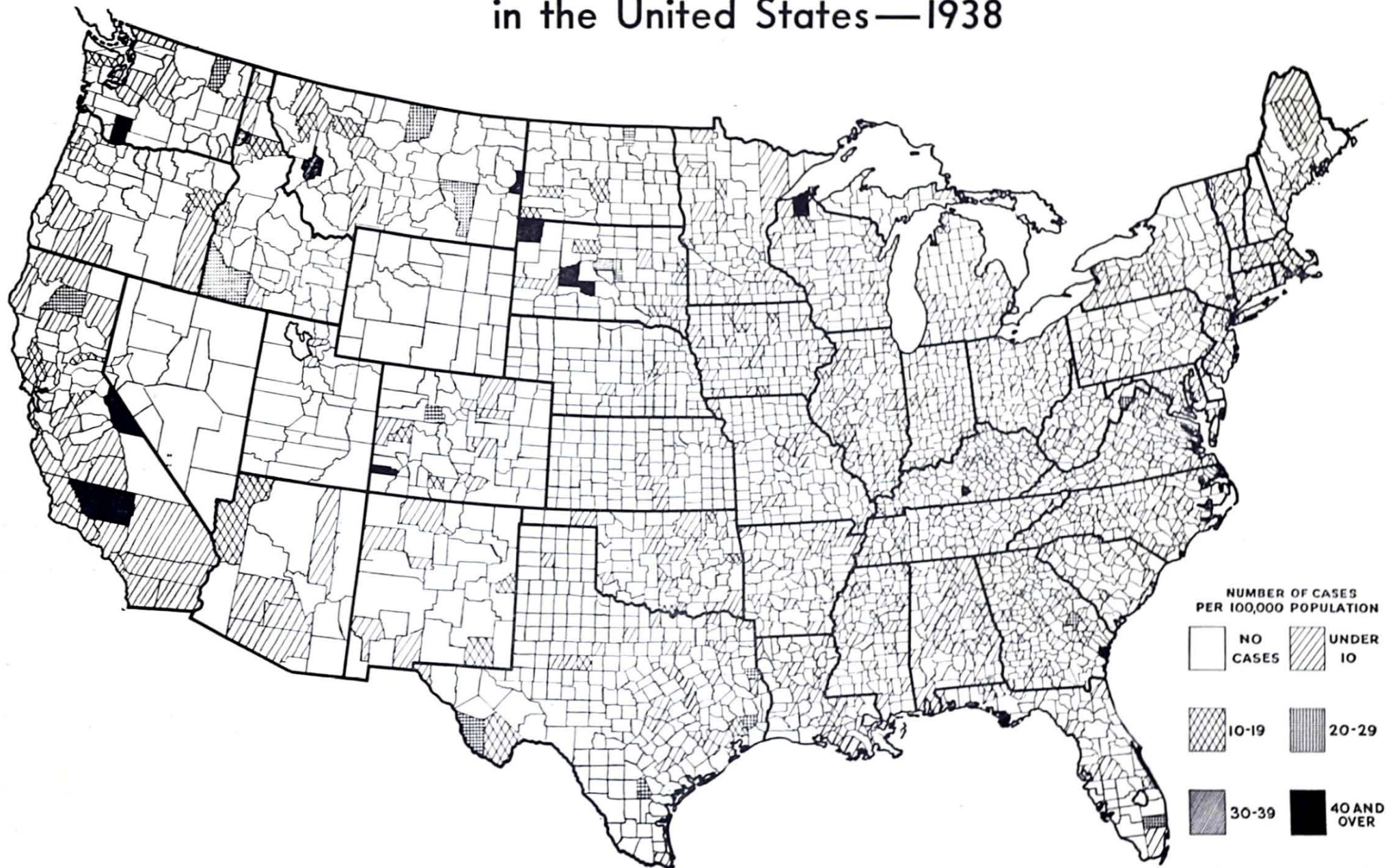
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Chart 3^E—Distribution of Infantile Paralysis in the United States—1937



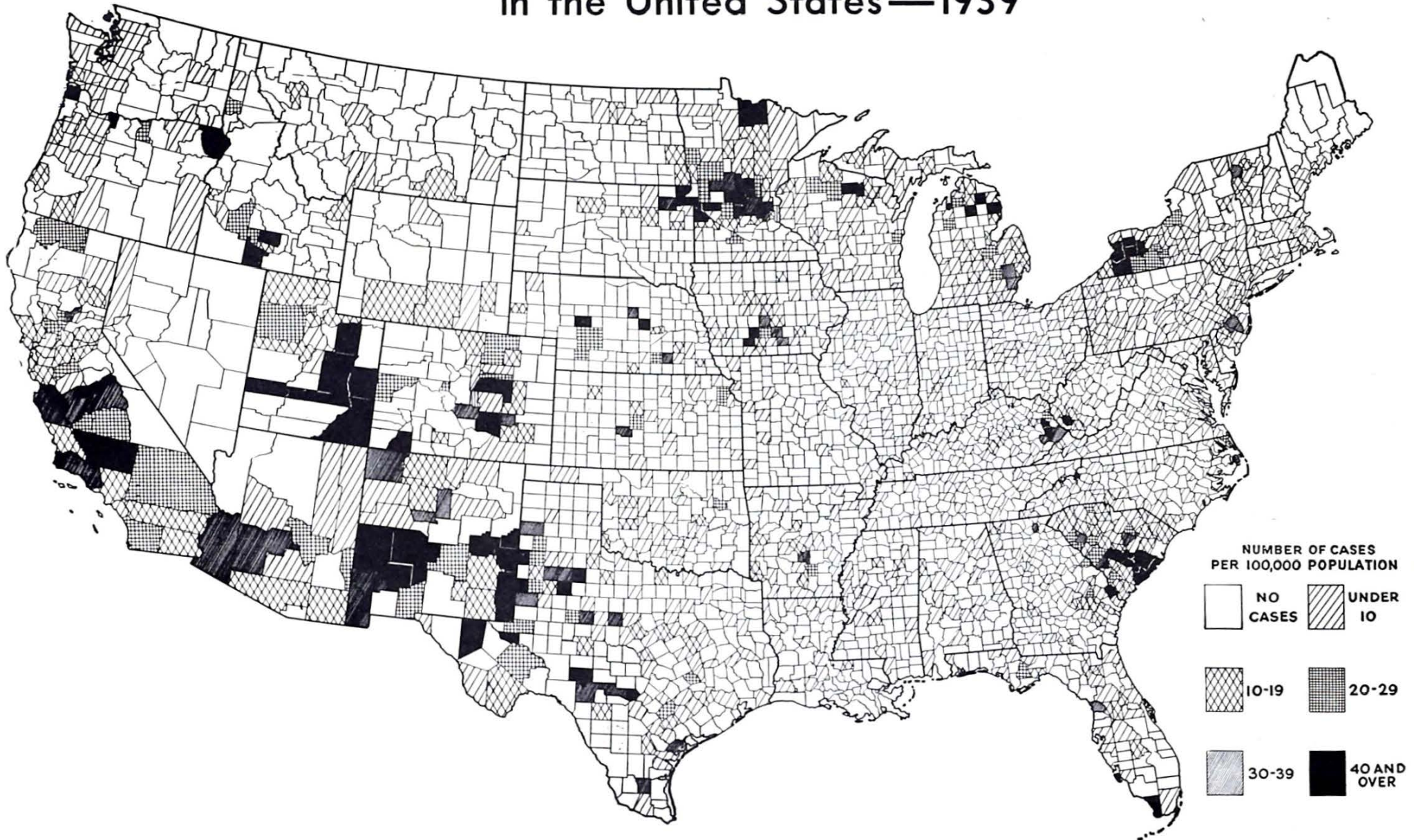
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Chart 3^F—Distribution of Infantile Paralysis in the United States—1938



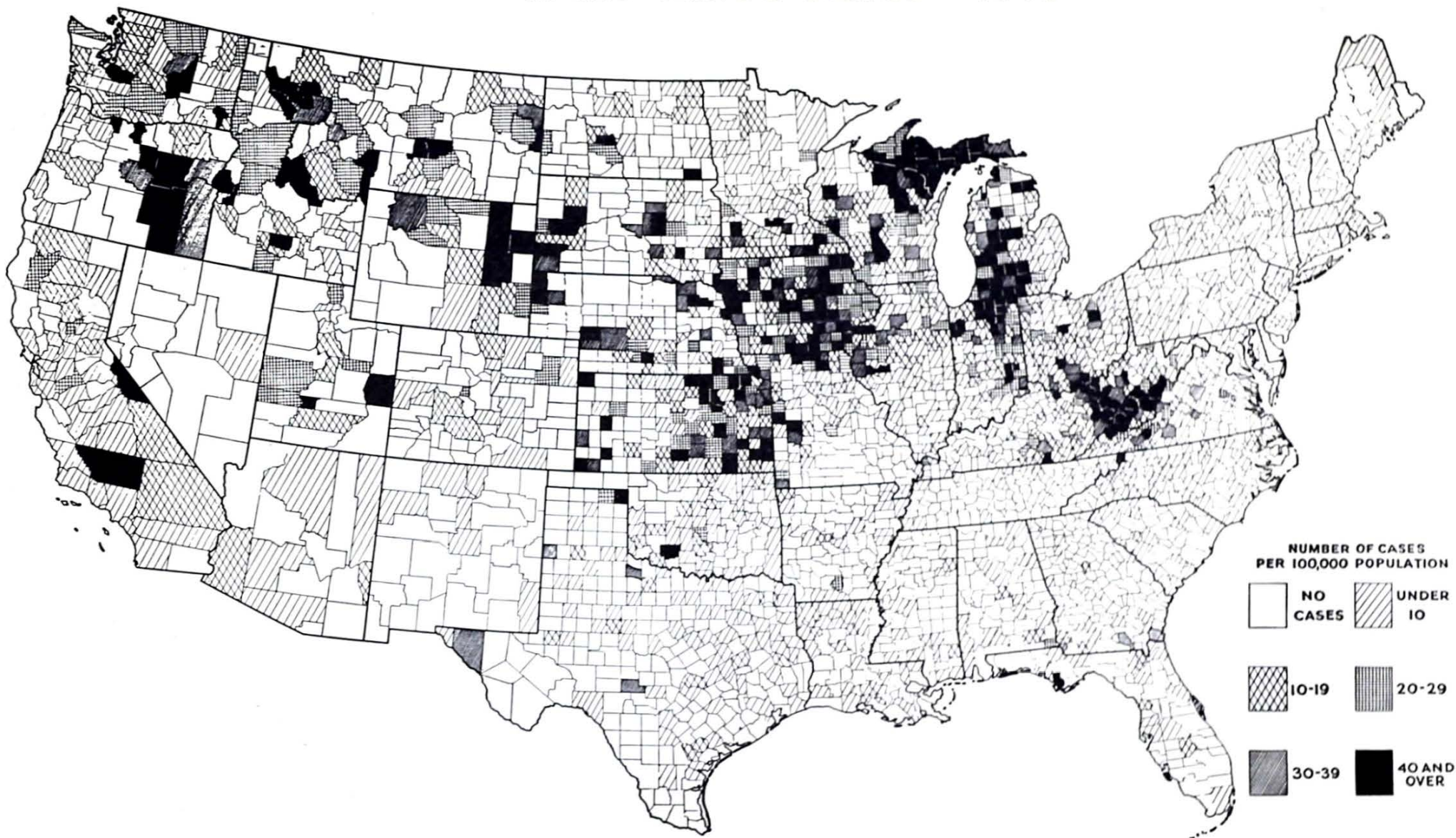
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Chart 3⁶ — Distribution of Infantile Paralysis in the United States—1939



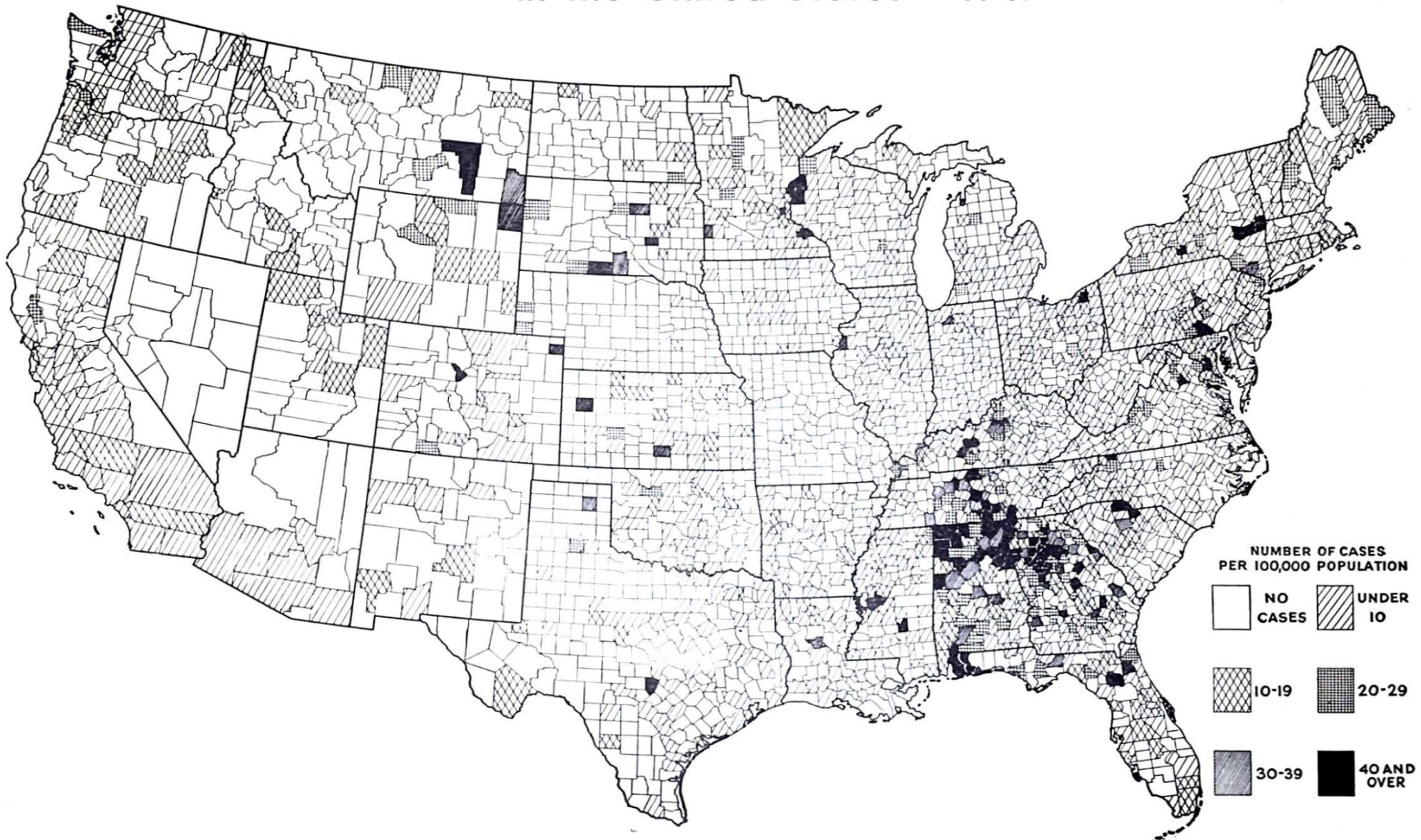
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Chart 3^H—Distribution of Infantile Paralysis in the United States—1940



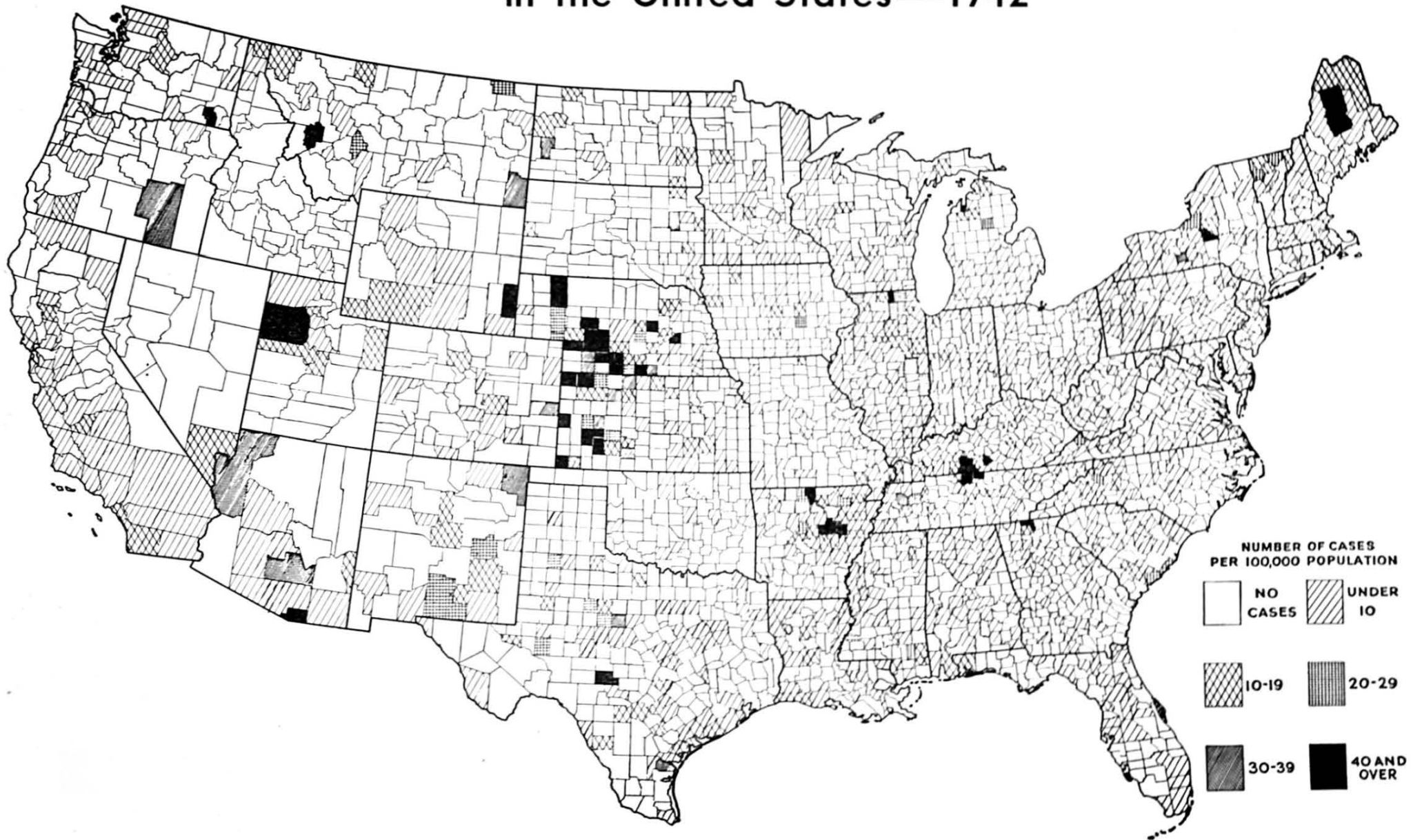
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Chart 3'—Distribution of Infantile Paralysis in the United States—1941



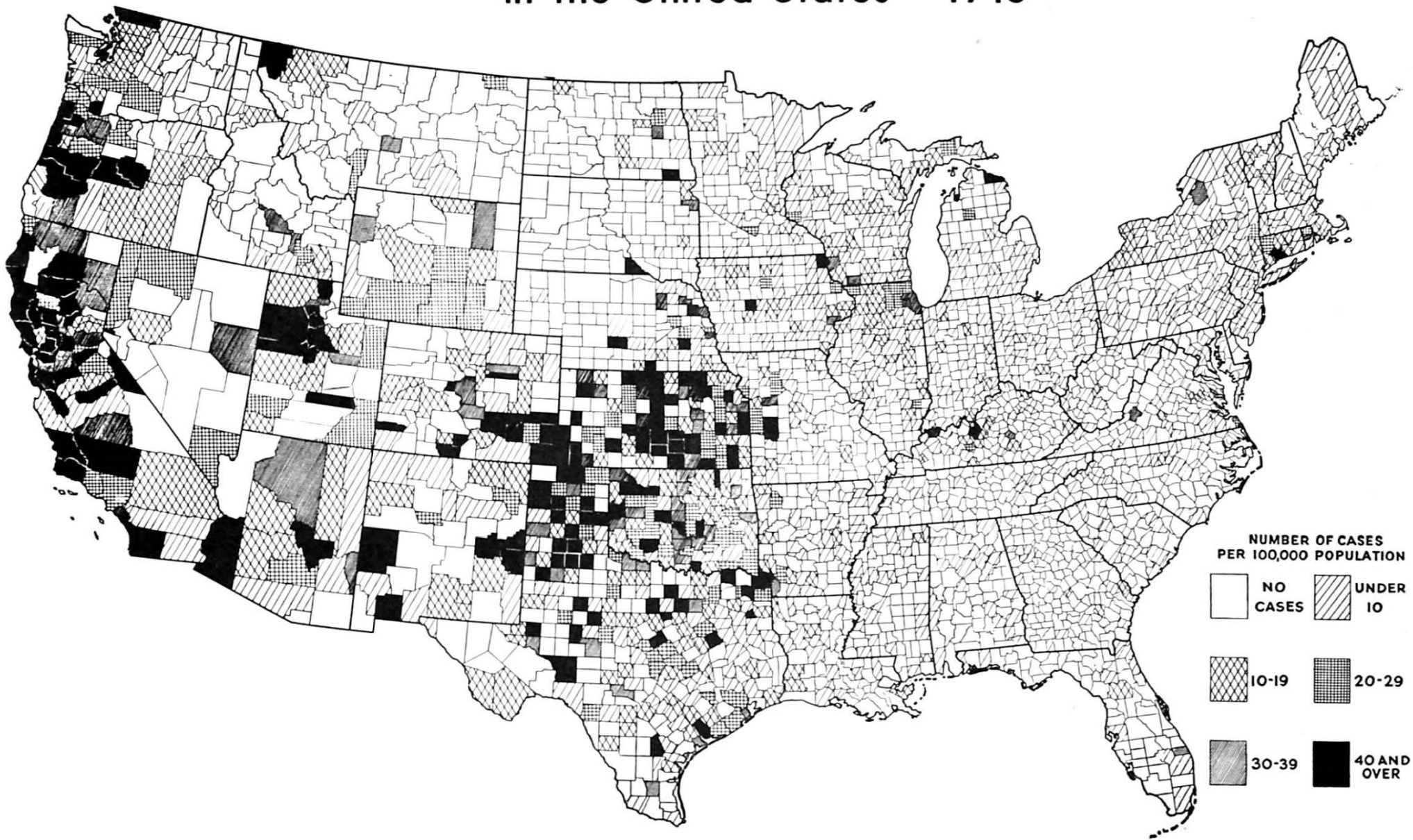
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Chart 3^J—Distribution of Infantile Paralysis in the United States—1942



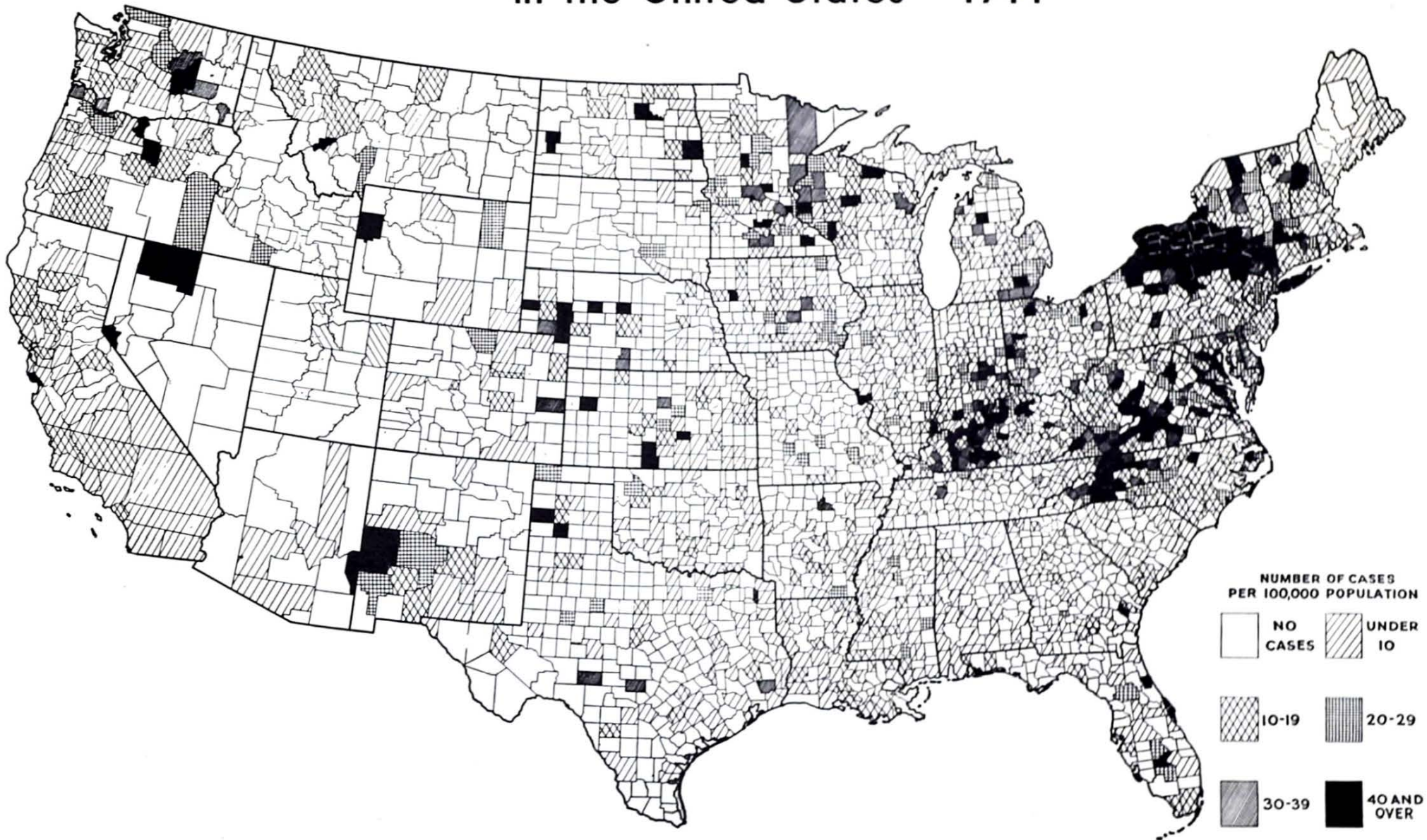
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Chart 3^k—Distribution of Infantile Paralysis in the United States—1943



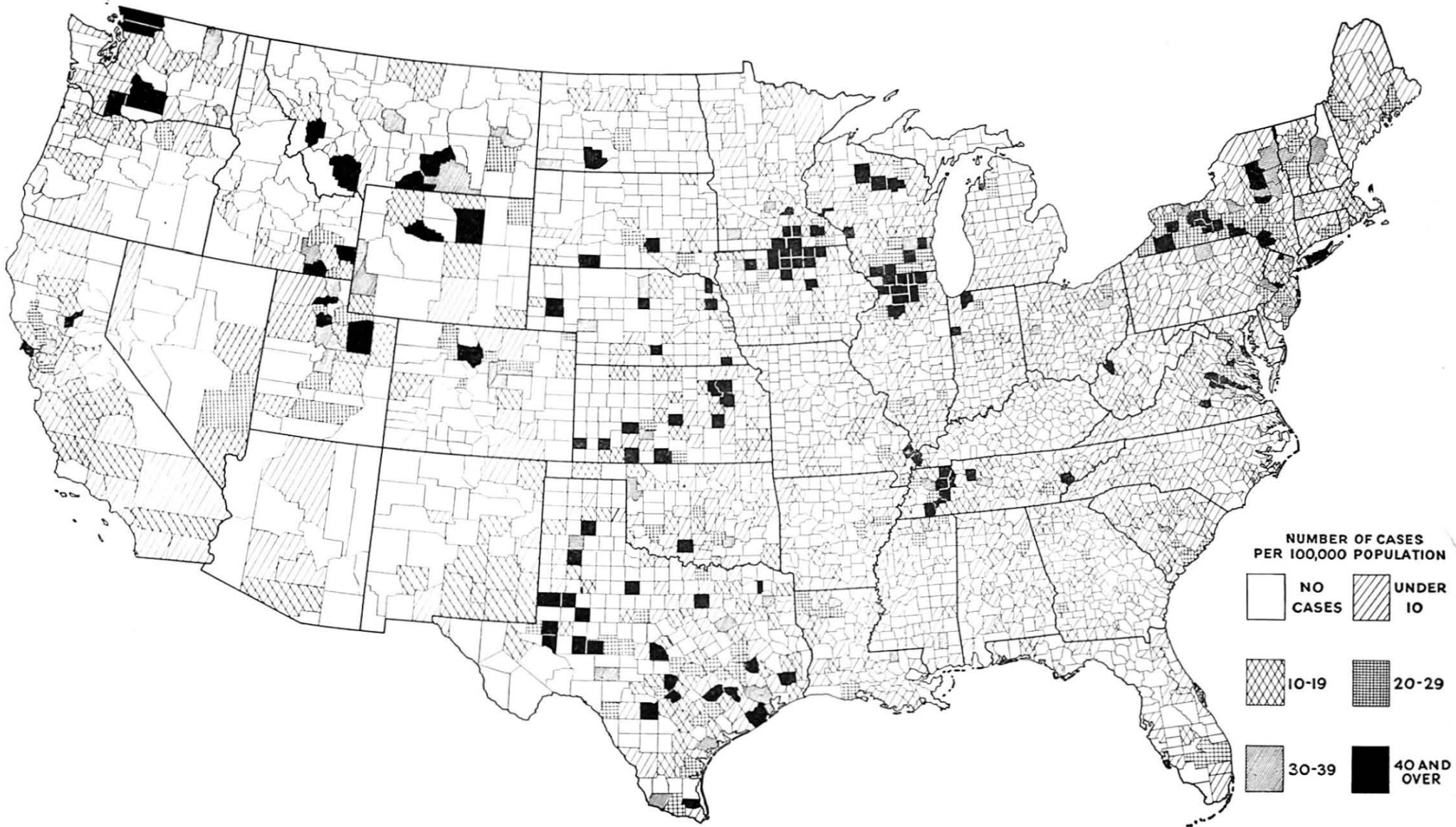
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Chart 3^L—Distribution of Infantile Paralysis in the United States—1944



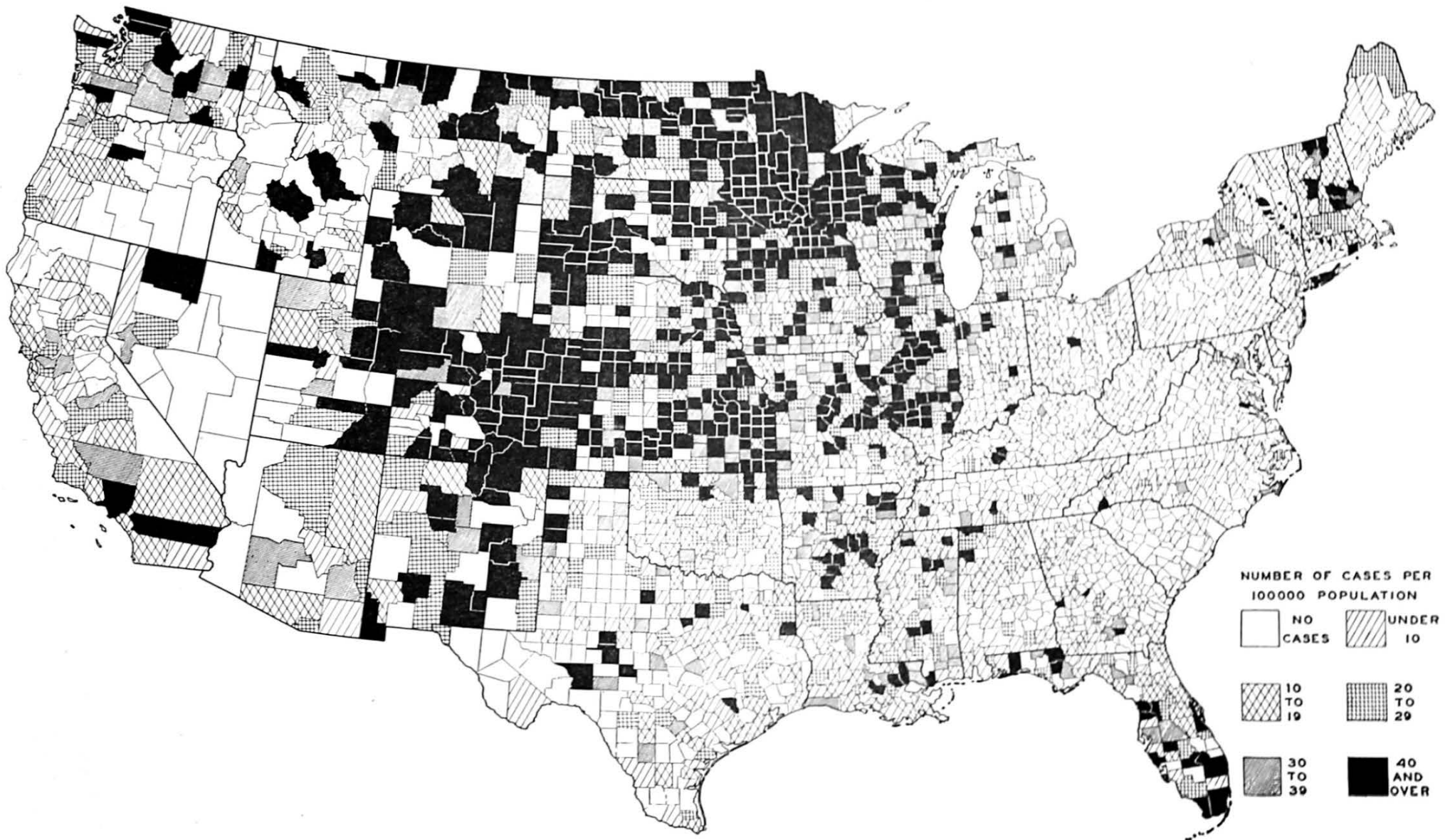
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Chart 3^M—Distribution of Infantile Paralysis in the United States—1945



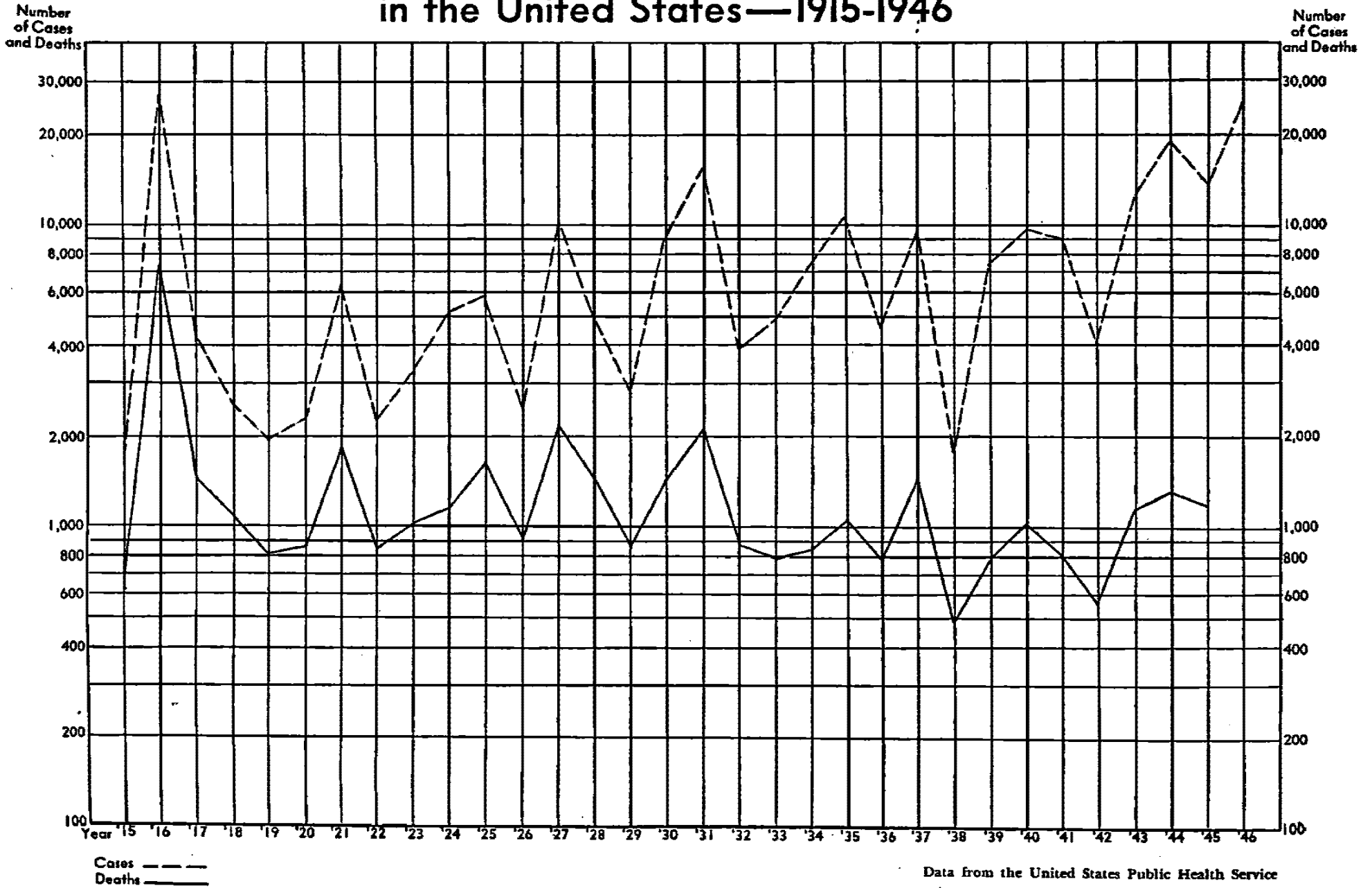
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Chart 3^N — Distribution of Infantile Paralysis in the United States, 1946



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Chart 4—Infantile Paralysis Cases and Deaths Reported in the United States—1915-1946



Data from the United States Public Health Service

Table III—Infantile Paralysis Cases Reported and Annual Case Rates; United States, 1916-1946

STATE	1916-1925		1926-1935		1936-1945		1946		STATE	1916-1925		1926-1935		1936-1945		1946	
	Cases	Average Annual Rate ¹	Cases	Average Annual Rate ¹	Cases	Average Annual Rate ¹	Cases ²	Average Annual Rate ¹		Cases	Average Annual Rate ¹	Cases	Average Annual Rate ¹	Cases	Average Annual Rate ¹	Cases ²	Average Annual Rate ¹
Alabama.....	436**	2.3	485	1.8	1,909	6.7	378	13.4	Nebraska.....	391**	3.8	607	4.4	1,011	7.7	642	53.6
Arizona.....	51x	3.1	324*	8.3	401	8.0	109	17.3	Nevada.....	49xx	15.8	57*	6.9	57**	6.6	16	10.0
Arkansas.....	97††	0.9	202x	2.2	904	4.6	403	22.6	New Hampshire..	107††	4.0	280	6.0	210	4.3	184	40.7
California.....	1,981	5.8	8,589	15.1	7,223	10.5	2,199	24.9	New Jersey.....	5,032	15.9	2,734	6.8	2,703	6.5	250	6.1
Colorado.....	71†	1.1	310*	3.3	1,006	9.0	907	80.9	New Mexico.....	36††	1.7	326*	8.6	361	6.8	100	31.0
Connecticut.....	1,477	10.7	2,036	12.7	1,158	6.8	119	6.7	New York.....	18,816	18.1	14,841	11.8	12,178	9.0	1,434	11.3
Delaware.....	10xx	0.7	72	3.0	194	7.3	32	11.2	North Carolina...	259†	1.4	1,324	4.2	1,705	4.8	160	4.6
Dist. of Columbia..	170	3.9	236	4.8	520	7.8	36	3.8	North Dakota....	380**	7.3	430	6.3	229	3.6	462	86.7
Florida.....	123**	1.6	160†	1.6	795	4.2	570	23.9	Ohio.....	2,035	3.5	3,742	5.6	4,195	6.1	717	10.4
Georgia.....	118xx	0.8	225†	1.1	1,558	5.0	170	5.3	Oklahoma.....	58aa	1.4	441†	2.6	1,788	7.7	403	10.8
Idaho.....	59a	4.6	321	7.2	220	4.2	48	9.6	Oregon.....	252	3.2	760	8.0	1,068	9.8	156	12.9
Illinois.....	3,264*	5.6	2,765	3.6	6,446	8.2	2,504	32.4	Pennsylvania....	4,147	4.8	3,457	3.6	4,339	4.4	287	3.1
Indiana.....	648*	2.5	672	2.1	1,815	5.3	433	12.6	Rhode Island....	213*	3.9	686	10.0	308	4.3	90	11.9
Iowa.....	1,073*	5.0	828	3.4	2,325	9.2	634	28.1	South Carolina...	187x	2.2	500*	3.2	1,093	5.8	21	1.1
Kansas.....	693	3.9	1,264	6.7	2,101	11.7	1,046	60.1	South Dakota....	246*	4.3	440*	7.1	280	4.4	398	71.7
Kentucky.....	104aa	2.2	801††	5.1	1,994	7.0	114	4.4	Tennessee.....	52aa	1.1	739	2.8	1,933	6.6	180	6.3
Louisiana.....	349	1.9	663*	3.5	865	3.7	382	15.6	Texas.....	154xx	0.8	703x	2.4	4,060	6.3	970	14.4
Maine.....	434	5.7	809	10.1	403	4.8	39	5.0	Utah.....	31x	1.4	86††	2.8	953	17.3	143	23.2
Maryland.....	1,218	8.4	694	4.3	1,073	5.9	109	5.1	Vermont.....	481*	15.2	430	12.0	291	8.1	72	23.2
Massachusetts.....	4,078	10.6	5,798	13.6	1,983	4.6	380	9.1	Virginia.....	1,477	6.4	1,620	6.7	1,836	6.9	142	4.6
Michigan.....	2,266	6.2	3,042	6.3	4,473	8.5	1,081	19.8	Washington.....	1,163*	9.5	1,780	11.4	1,649	9.5	522	25.0
Minnesota.....	3,142	13.2	2,448	9.5	2,561	9.2	2,875	115.1	West Virginia....	559*	4.2	879	5.6	1,290	6.8	76	4.4
Mississippi.....	709	4.0	390	1.9	1,092	5.0	335	16.1	Wisconsin.....	1,885	7.2	1,520	5.2	2,216	7.1	1,273	43.1
Missouri.....	203a	2.0	816*	2.5	1,688	4.5	1,267	35.6	Wyoming.....	40*	2.3	127	5.6	197	7.9	123	49.8
Montana.....	486	8.9	535	10.0	363	6.5	129	28.2	TOTAL.....	61,310	7.5	72,994	6.4	91,020	6.9	25,191	19.1

* 1 year omitted
 ** 2 years omitted
 † 3 years omitted
 †† 4 years omitted
 x 5 years omitted
 xx 6 years omitted
 a 7 years omitted
 aa 8 years omitted

¹ per 100,000 population
 Rates are based on United States Censuses of 1920, 1930, and 1940
 and estimated population for 1945
² Preliminary figures

Source: United States Public Health Service,
 "Notifiable Diseases, Prevalence by States"
 Bureau of the Census,
 "Census of the United States"

Table IV—Infantile Paralysis in Minnesota, 1946
By Age and Sex, Large Cities, and other places

AGE	MINNESOTA STATE TOTAL			CITIES WITH OVER 100,000 POPULATION*			ALL OTHER PLACES		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,881	1,579	1,302	1,075	572	503	1,806	1,007	799
Under 5	788	449	339	352	202	150	436	247	189
5-9	823	505	318	312	184	128	511	321	190
10-14	479	253	226	152	86	66	327	167	160
15-19	290	160	130	79	39	40	211	121	90
20-24	170	61	109	62	17	45	108	44	64
25-29	137	51	86	58	19	39	79	32	47
30-34	91	45	46	28	12	16	63	33	30
35-39	50	22	28	18	7	11	32	15	17
40 and over	44	25	19	14	6	8	30	19	11
Unknown	9	8	1	0	0	0	9	8	1

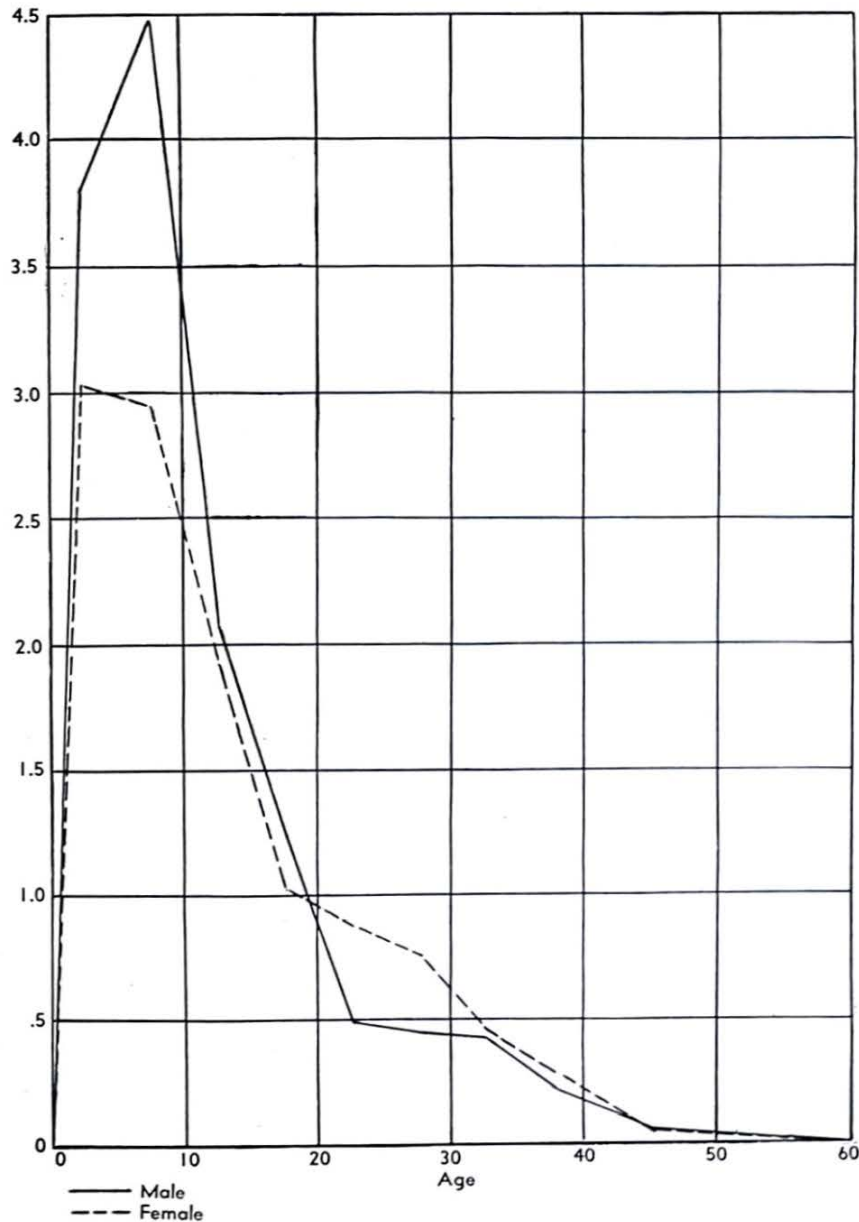
* Minneapolis, St. Paul, Duluth

Source: Minnesota Department of Health

Chart 5—Infantile Paralysis in Minnesota, 1946

Incidence per 1,000 Population
According to Age and Sex

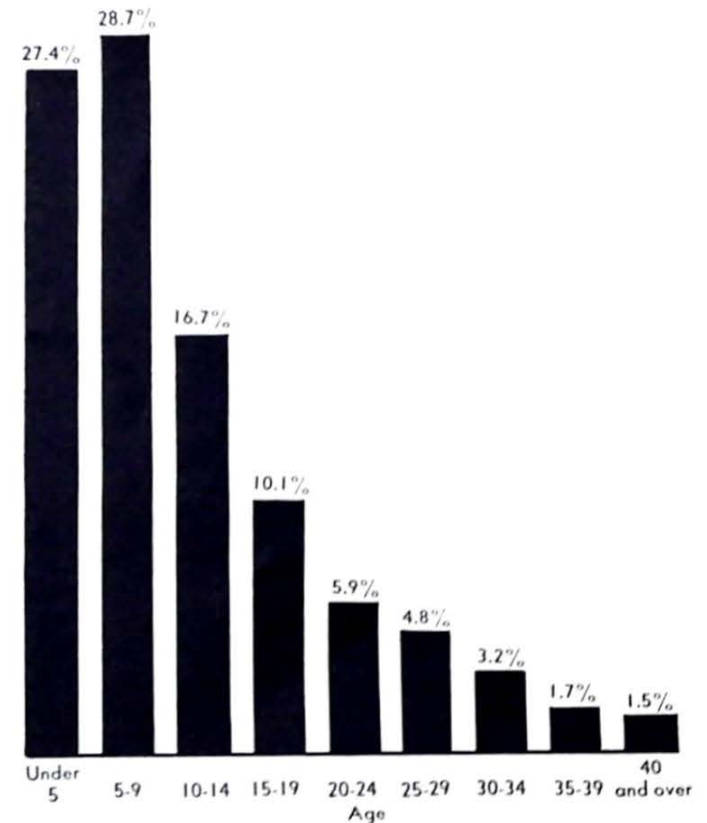
Cases per
1,000
Population



Racial Incidence

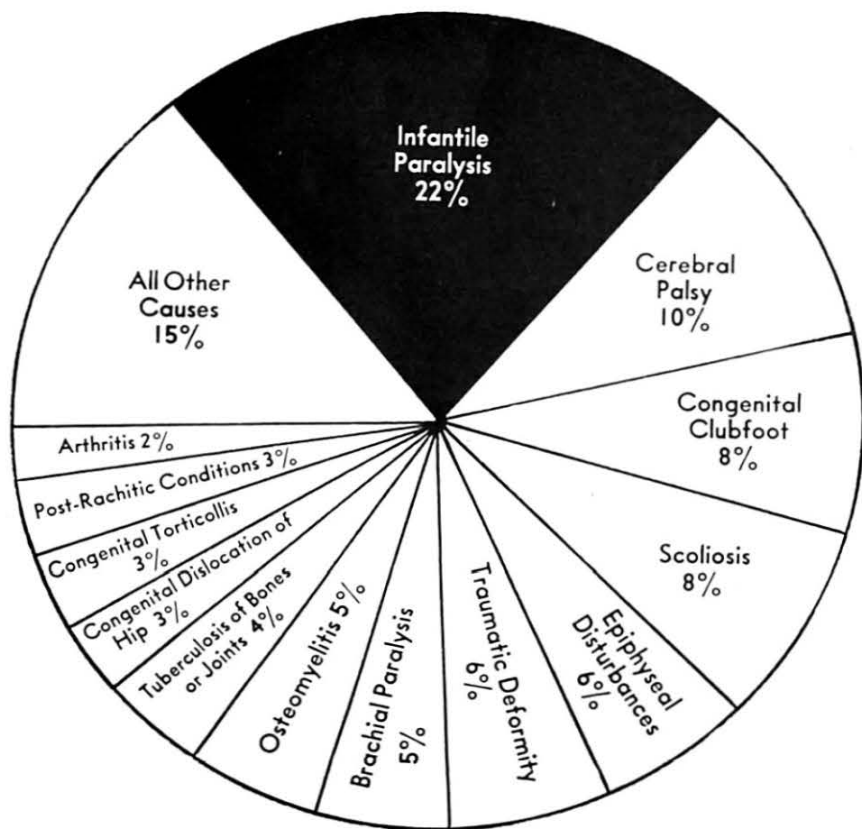
Infantile paralysis is known to occur in all races, but whether susceptibility to the disease varies according to race is still unknown.

Percentage of Cases
in each age group



Source: Minnesota Department of Health

Chart 6—Infantile Paralysis Compared with Other Causes of Orthopedic Deformities in Children—New York City, 1944



CAUSE OF DEFORMITY	No. of Cases Registered
Infantile Paralysis	3,914
Cerebral Palsy	1,819
Congenital Clubfoot	1,483
Scoliosis	1,474
Epiphyseal Disturbances	1,080
Traumatic Deformity	996
Brachial Paralysis	809
Osteomyelitis	805
Tuberculosis of Bones or Joints	703
Congenital Dislocation of Hip	488
Congenital Torticollis	487
Post-Rachitic Conditions	447
Arthritis	417
All Other Causes	2,656
TOTAL	17,578

Data from the Bureau of Child Hygiene, Department of Health, City of New York:
 "Register of Orthopedically Handicapped Children, June 30, 1944"

Chart 7—Outcome of Infantile Paralysis Epidemic, Maryland, 1941

No
After-Effects
148 Cases—50%



Slight
After-Effects*
87 Cases—29%



Marked
After-Effects
52 Cases—18%



Fatalities
9 Cases—3%



Each figure equals 10 cases

CLASSIFICATION	MARYLAND	
	No. of Cases	Per Cent
No Paralysis	52	17.6
Complete Recovery	96	32.4
Probably normal	47	15.9
Slight residual	40	13.5
Moderate residual	32	10.8
Marked residual	14	4.7
Complete residual	6	2.0
Death	9	3.1
TOTALS	296	100.0

* Practically normal movement

Source: Lenhard, Raymond E., M. D.: "The Results of Poliomyelitis in Baltimore,"
The Journal of Bone and Joint Surgery — January, 1943

Table V—Cases of Infantile Paralysis Reported in Canada and Europe, 1916-1946

COUNTRY	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	COUNTRY	
Canada.....									217	171	137	640	788	753	1,030	1,341	956	247	513	361	970	3,680	580	353	192	1,881	687	327	722	384	2,527	Canada	
EUROPE																																EUROPE	
Austria.....				1	26	13	10	14	19	16	47	155	92	119	78	679	242	205	127	191	746	781	513	270	234	869	265	195	.....	184	429	Austria
Belgium.....														245	135	59	226	128	47	43	22	160	44	157	.....	111	63	68	21	859	117	Belgium
Bulgaria.....													31	10	26	14	14	22	49	69	52	43	39	57	120	72	421	167	175	155	109	Bulgaria
Czechoslovakia.....													36	102	24	54	356	387	153	63	203	273	213	72	.....	91	218	179	670	.....	.....	Czechoslovakia
Denmark.....	43	70	28	389	60	70	59	76	152	113	61	34	86	164	79	30	73	356	4,525	398	79	1,243	566	98	23	257	615	30	1,898	831	190	Denmark	
England & Wales.....	589	357	228	615	329	539	386	644	860	422	1,296	896	541	623	595	396	750	797	672	700	583	863	1,585	889	1,085	936	577	455	575	895	751	England & Wales	
Finland.....	41	11	14	11	13	15	29	47	45	28	12	52	27	97	288	105	318	135	437	191	111	207	819	85	572	81	42	.....	382	794	248	Finland
France.....				194	134	211	165	175	216	222	214	156	140	203	1,530	450	450	501	487	502	366	592	788	460	342	484	322	1,783	524	989	1,505	France	
Germany.....						339	601	525	541	395	1,592	2,768	975	1,157	1,363	1,623	3,869	1,251	1,701	2,143	2,241	2,723	5,747	3,703	1,570	4,175	3,411	2,450	.....	.....	.....	Germany
Hungary.....						14	2	3	.....	.....	252	.....	.....	.....	1,138	391	112	152	305	529	160	340	693	903	1,116	999	555	.....	.....	.....	247	Hungary
Iceland.....			2	0	0	1	2	2	463	26	2	12	4	8	9	11	81	3	7	300	53	5	81	12	3	1	1	1	1	347	471	Iceland	
Italy.....									250	780	388	404	583	1,117	543	573	847	429	932	890	2,360	2,740	1,923	5,030	2,027	2,467	1,570	.....	1,219	1,371	2,858	Italy
Netherlands.....									38	32	49	50	75	511	599	136	242	145	197	52	101	60	687	403	111	452	198	1,931	1,180	200	360	Netherlands	
Norway.....	96	132	54	176	135	48	48	74	83	633	184	178	118	214	34	58	111	236	354	112	927	175	101	55	60	1,726	279	457	397	773	860	Norway	
Roumania.....												2,133	431	107	127	260	137	68	94	48	224	159	150	122	154	120	96	124	56	213	203	Roumania	
Scotland.....				55	14	47	34	7	31	27	51	66	275	82	79	37	37	152	30	24	154	32	193	48	128	163	55	49	174	40	52	Scotland	
Spain.....																506	538	321	219	318	.....	.....	.....	.....	358	247	741	593	532	499	.....	Spain
Switzerland.....	78	55	67	85	104	72	65	257	108	93	97	134	102	229	105	351	123	198	80	245	1,269	1,494	283	521	237	1,479	669	170	1,793	142	932	Switzerland	
Sweden.....	207	99	122	820	181	141	112	309	656	517	341	375	482	950	304	98	777	506	1,119	1,025	2,595	1,642	1,287	545	394	720	773	2,169	2,900	2,481	545	Sweden	

..... No information available.

Sources: Weekly Epidemiological Record, World Health Organization
Epidemiological Information Bulletin, United Nations Relief and Rehabilitation Administration
Epidemiological Report of the Health Section, League of Nations
Public Health Reports, United States Public Health Service
Statistics were also obtained from articles published in the various countries, and from correspondence.
These are the most reliable sources available, but it must be recognized that in countries disrupted by war reporting has been inadequate.

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