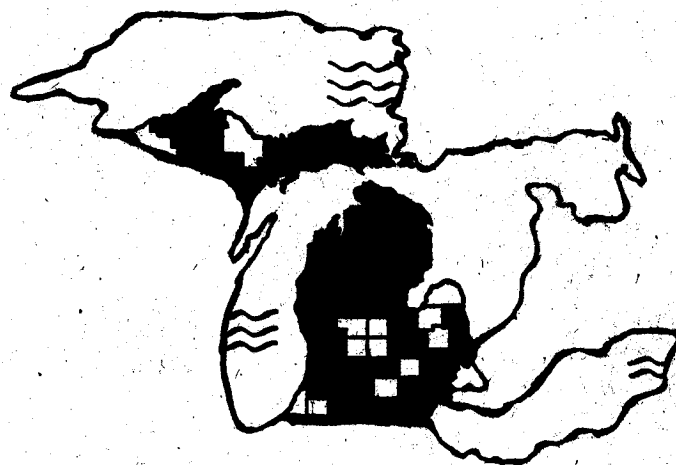


MICHIGAN PUBLIC HEALTH STATISTICS 1950



MICHIGAN DEPARTMENT OF HEALTH

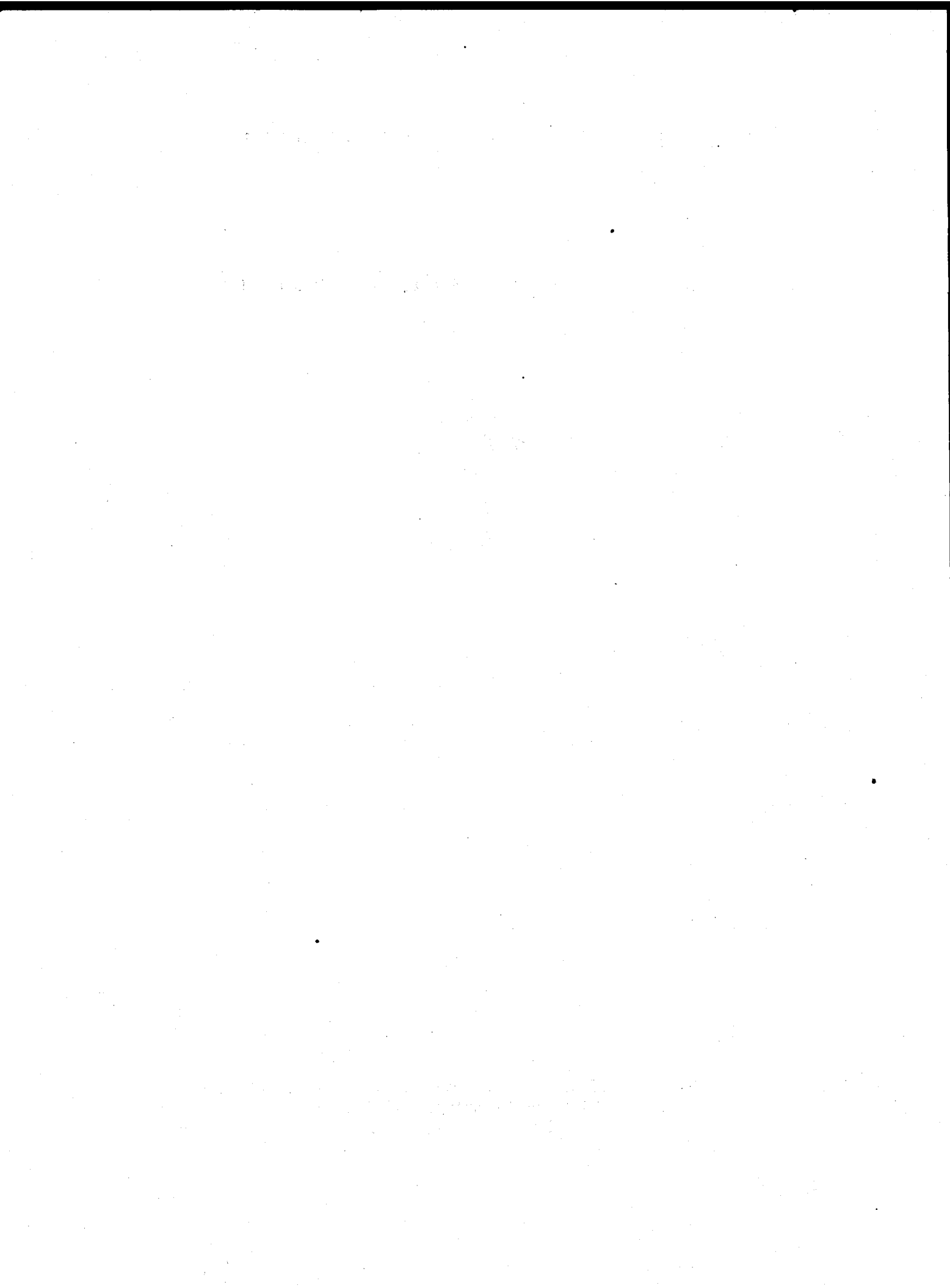
MICHIGAN
PUBLIC HEALTH STATISTICS

ANNUAL STATISTICAL REPORT

1950



Division of Disease Control, Records and Statistics
Michigan Department of Health
Lansing 4, Michigan



MICHIGAN DEPARTMENT OF HEALTH

LANSING 4, MICHIGAN

Old Dewitt Road — Tel. 4-1491



Albert E. Heustis M. D., Commissioner

Honorable G. Mennen Williams
Governor of Michigan
Lansing, Michigan

Dear Governor Williams:

I have the honor to submit to you our annual statistical report for the calendar year 1950. This is in compliance with Compilers Section 24.9, C. L. 1948.

Very respectfully yours,

A handwritten signature in cursive script that reads "Albert Heustis".

Albert E. Heustis, M. D.
State Health Commissioner

AEH:DS



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Symbols Used in This Report

Quantity is zero, in frequency tables (one dash)	-
Quantity is zero, in rate or percent tables (one cipher)	0
If rate or percent is more than 0 but less than or equal to 0.05	0.0
Data not available or not applicable (blank space)	

INTRODUCTION

This report contains public health statistics concerning communicable diseases, births, stillbirths, deaths, marriages, and divorces in Michigan during 1950 and the previous 50 years. Because 1950 is the mid-century year it seems desirable to review briefly the progress of public health during the past half century. The first four tables in this report include information pertaining to the 50-year period; the remaining tables contain only 1950 statistics.

In connection with the interpretation of these tables, the following factors are to be recognized:

1) Incomplete Registration and Delay in Filing:

Birth and death registration has been steadily improving since 1900. Registration of births in Michigan is now 98.7 percent complete according to a recent test done in connection with the 1950 census. Registration of deaths is considered to be even more complete than birth registrations because death certificates are necessary for issuing burial permits. Delayed registrations not included in annual statistics are also of minor concern. All reports for the current year which are received during the same year or during the first two months of the following year are included in the annual statistics. Those received after the first two months of the following year are approximately one-fourth of one percent of the year's registrations and are therefore considered negligible for statistical purposes.

2) Population Trend:

Population figures as issued by the Census Bureau have been used for the census years, whereas for the intervening years it has been necessary to establish estimates of population. Estimating procedures do not always adequately measure the full extent of extreme population changes and therefore population estimates may either be over or under the true situation. In addition to this limitation it is to be remembered that estimating procedures have varied considerably over the past 50 years. Hence, in all instances where rates are based on estimated populations these two factors should be recognized.

3) Residence Allocation:

Residence data are obtained by allocating certificates, regardless of the place of occurrence, to the residence of the deceased in the case of a death, or the residence of the mother in the case of a birth or stillbirth. Beginning with 1935 certificates, intra-state allocation according to this procedure has been followed for all births and deaths occurring in Michigan. Beginning with 1950 certificates, inter-state allocation of births and deaths was started. Thus, for 1950, births and deaths of Michigan residents occurring in other states have also been included and births and deaths occurring in Michigan to non-residents of Michigan have been excluded.

A minor change in definition of residence as applied to institutional deaths was effective beginning with 1949 certificates.

Deaths in hospitals, sanatoria, and all other institutions, including mental, penal, old age, orphan, etc., are allocated in all instances to the place of previous residence, regardless of length of stay in institutions. If previous residence is unknown, allocation is to the place from which commitment was made. Prior to 1949 deaths in institutions were allocated to the area in which the institution was located unless the usual residence was recorded on the certificates.

4) Changes in Classification of Causes of Death:

During the past 50 years there have been several revisions of the International List of Causes of Death, the latest of which is the Sixth Revision, adopted in 1948 by the World Health Organization. Prior to the introduction of the Sixth Revision the principle cause of death was selected by means of an arbitrary set of rules. The Sixth Revision instituted a rather sweeping change in that the classification is based on the underlying cause of death as indicated by the physician. To enable the physician to indicate the underlying cause of death it was necessary to change the form of the death certificate to permit the recording of the proper sequence of morbid events which led to death. The revised form was initiated in Michigan beginning with the 1950 certificates. The policy of the physician specifying the underlying cause of death is a most desirable one since it provides statistics which more accurately reflect medical opinion. However, the comparability of cause of death statistics over a period of years is affected by such a change in policy. This should be kept in mind when comparing 1950 statistics with those of earlier years.

Health Department reports containing annual vital statistics have been published since 1900 with the exception of reports for the calendar years 1946, 1947 and 1949. For these three years brief statistical summaries have been distributed in lieu of the detailed departmental reports. The 1950 annual statistical report has been revised both in content and format, and it is anticipated that this format will be continued in future years.

MICHIGAN VITAL STATISTICS

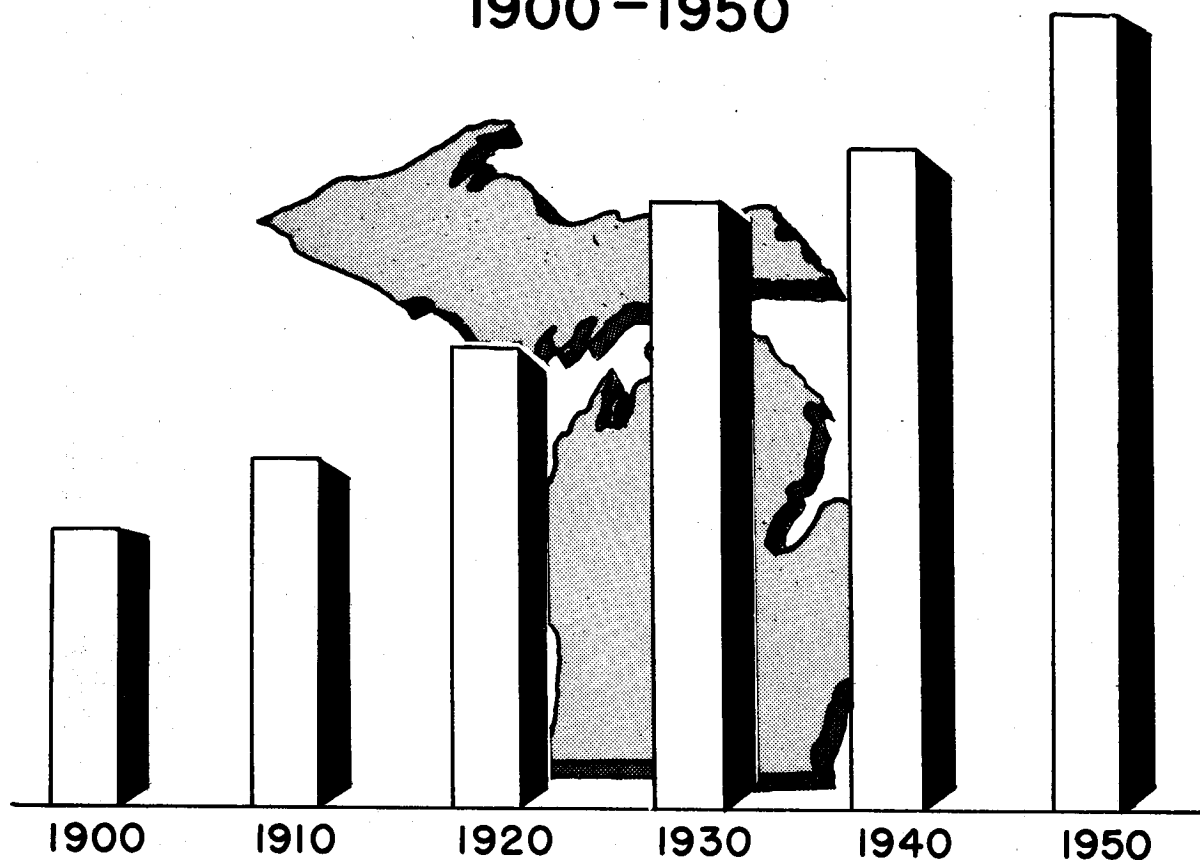
1900-1950

	1900	1910	1920	1930	1940	1950
POPULATION _____	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	6,371,766
BIRTH RATE _____	18.0	22.8	25.1	20.4	18.9	25.1
DEATH RATE _____	14.0	14.2	14.2	10.6	9.9	9.0
INFANT DEATH RATE	157.1	124.8	93.1	62.8	40.6	26.3
MATERNAL DEATH RATE _	10.3	6.7	8.6	6.0	3.0	0.6

Birth & Death Rates per 1,000 population
 Infant & Maternal Death Rates per 1,000 Live Births

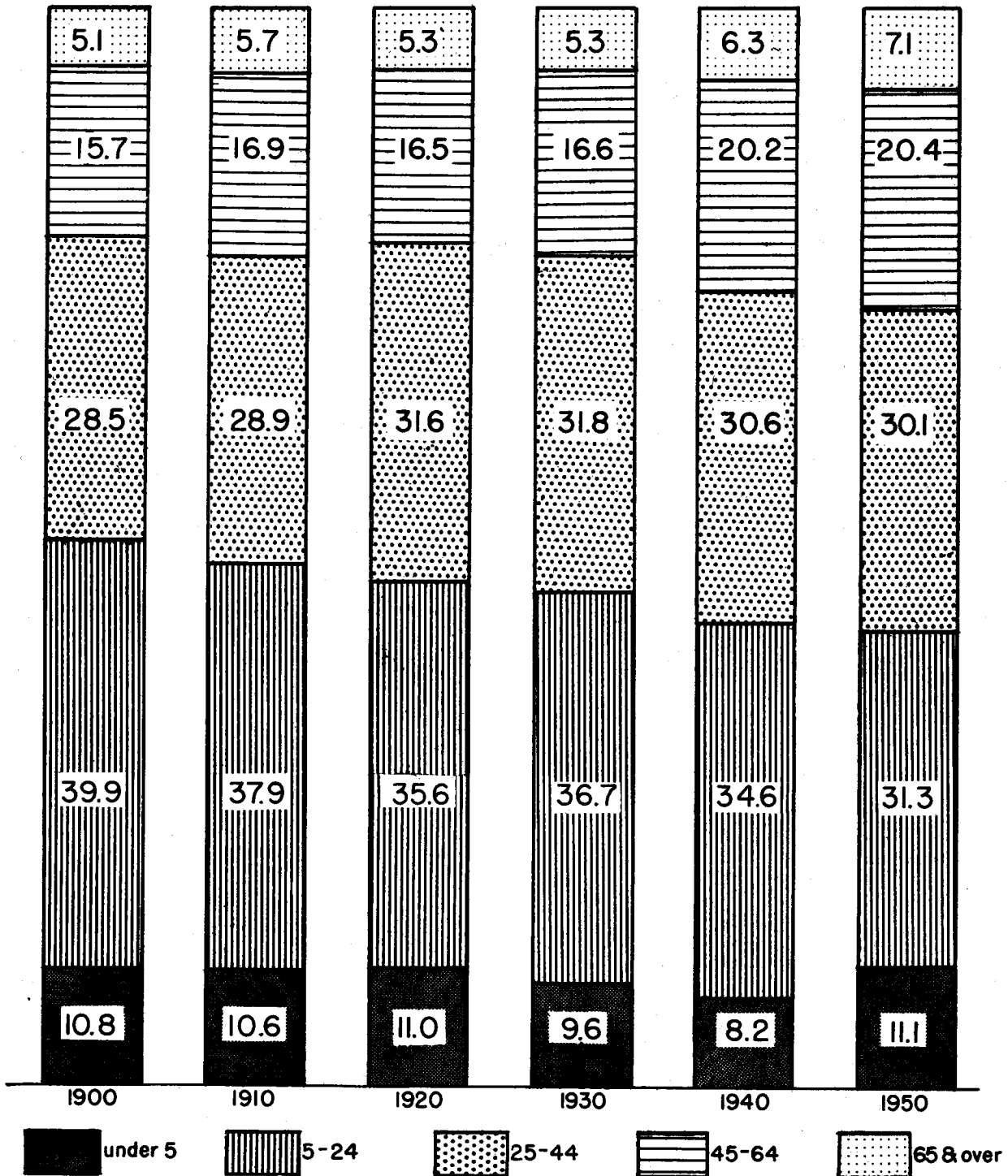
MICHIGAN POPULATION

1900-1950



Michigan now has more than 2½ times as many inhabitants as at the beginning of the century. The all-time record numerical growth of approximately 1,174,000 occurred during the period 1920 - 1929, with the decade of 1940 - 1949 ranking second with an increase of nearly 1,116,000.

PERCENTAGE DISTRIBUTION OF POPULATION BY AGE GROUPS MICHIGAN_1900-1950

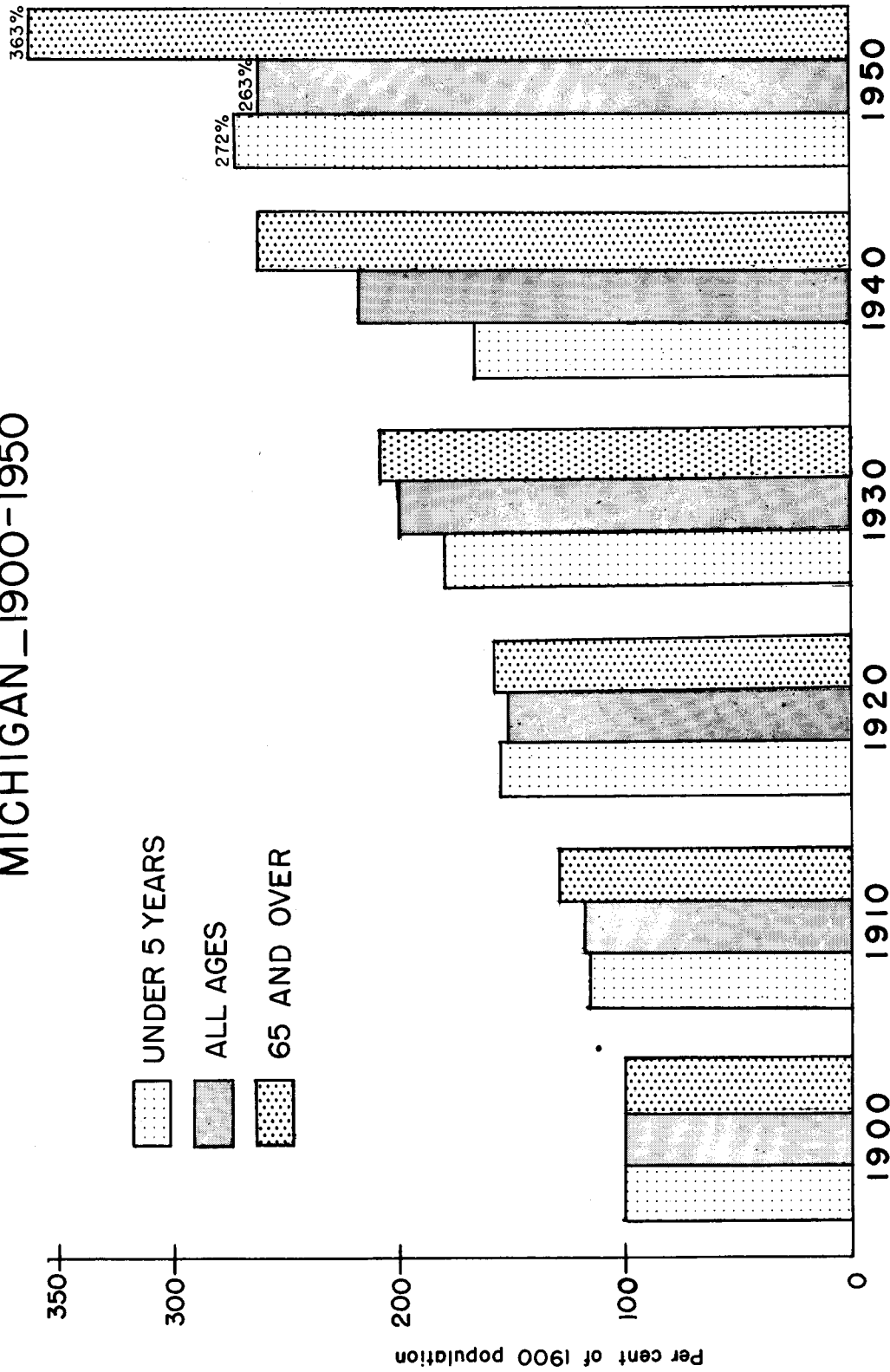


The "under 5-year" age group has increased relatively 35% since 1940, a marked increase following two decades in which the trend was downward. However, the 1950 percentage for this age group is in line with the trend of the first three decades. The "65 & over" age group has made the greatest relative increase (39%) of any age group since 1900.

POPULATION GROWTH BY DECADES SINCE 1900

CENSUS FIGURES FOR EACH DECADE RELATED TO BASE YEAR 1900

MICHIGAN - 1900-1950



The number of Michigan residents 65 & over has increased proportionately far more than the total population during the past 50 years. There are now 3.6 times as many people in this age group compared with 2.6 times as many people of all ages. The number of Michigan's children under 5 years of age has also increased proportionately a little more than the total population; there are now 2.7 times as many as in 1900.

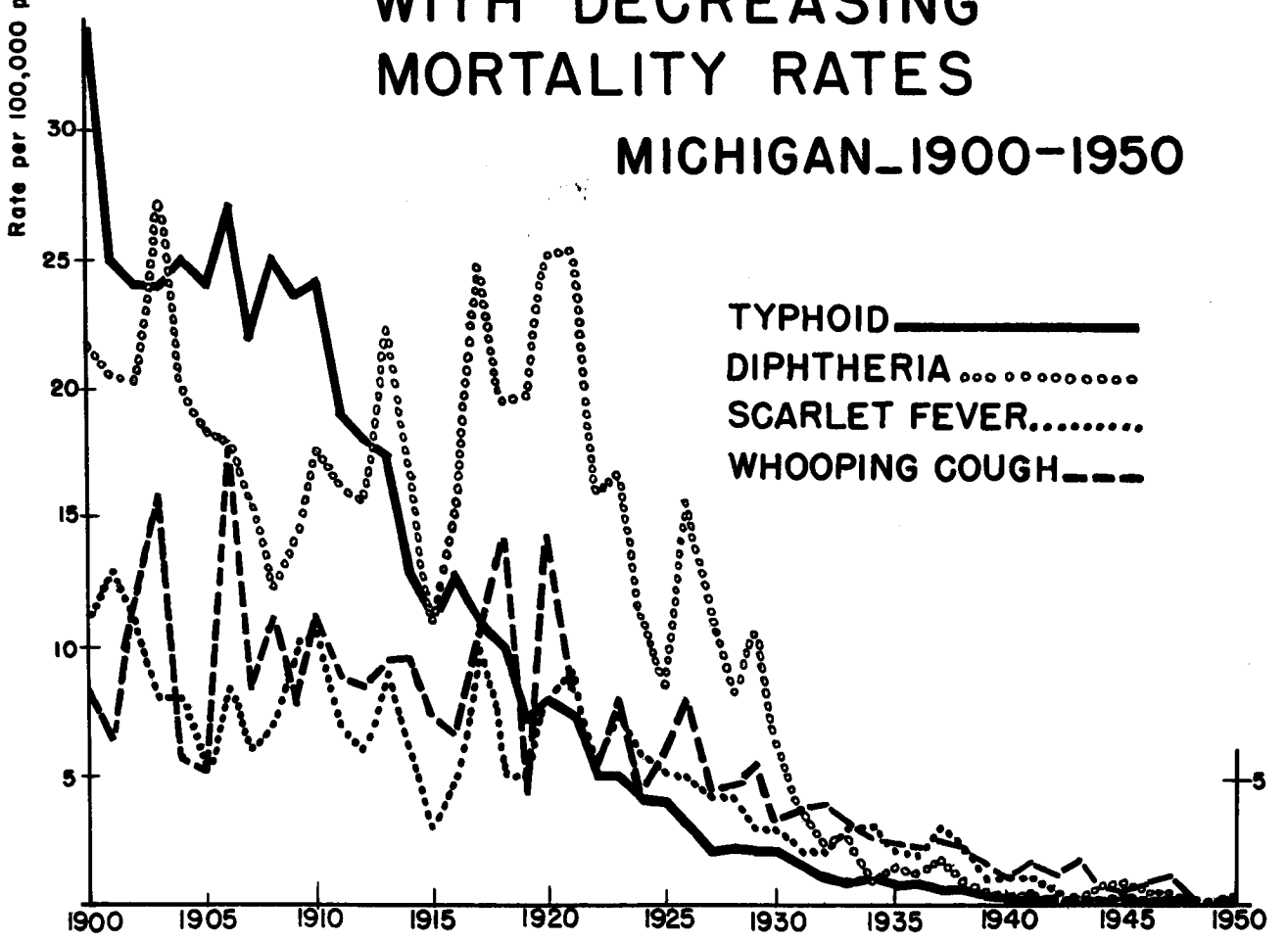
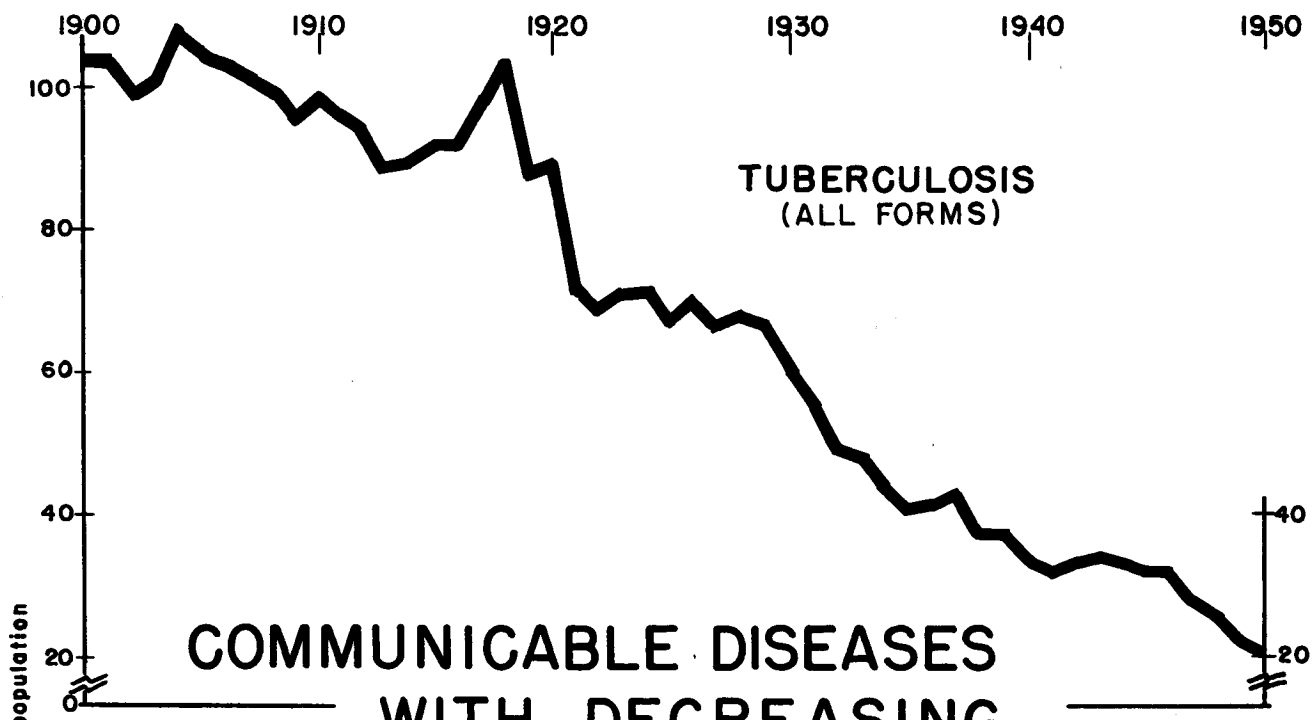
TABLE 1 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES
MICHIGAN, 1900 - 1950

Year	Diphtheria	Scarlet fever	Smallpox	Typhoid fever	Whooping cough	Measles	Lobar pneumonia	Tuberculosis (all forms)	Meningitis	Poliomyelitis	Syphilis	Gonorrhea	Chancroid
1900	2,706	6,734	694	5,122	3,375	20,356		2,721	654				
1901	2,498	7,726	5,088	3,002	2,955	4,629		2,915	506				
1902	2,993	6,582	7,086	2,456	3,534	11,978		2,658	528				
1903	3,670	5,353	6,341	2,840	4,172	8,941		2,745	525				
1904	3,510	4,088	5,753	3,028	1,779	10,386	3,790	2,928	448				
1905	2,159	2,286	2,985	2,774	1,196	6,061	3,227	2,590	577				
1906	3,648	3,066	1,240	3,163	1,364	7,403	3,387	2,653	533				
1907	2,935	2,514	1,712	1,953	872	12,139	3,976	2,699	575				
1908	2,658	3,087	2,306	2,656	1,248	4,775	3,177	2,705	487				
1909	3,109	5,153	1,533	2,694	1,054	9,047	3,142	3,423	457				
1910	3,433	6,501	3,319	3,361	1,136	13,934	3,671	4,415	522	104			
1911	3,762	5,177	898	2,660	1,897	9,639	3,452	5,254	478	68			
1912	3,294	4,533	1,127	2,847	1,255	2,834	3,592	1,958	88	78			
1913	5,505	4,140	1,995	2,253	929	9,185	3,687	1,920	165	56			
1914	5,149	3,769	1,527	2,167	1,822	11,356	3,470	2,566	205	49			
1915	4,386	3,402	1,094	1,956	2,258	4,438	4,022	3,648	107	95			
1916	5,625	6,932	1,581	2,513	1,837	12,143	4,708	7,076	163	598			
1917	8,499	14,322	3,674	1,723	3,211	14,472	5,622	4,856	75	91			
1918	6,128	5,944	5,241	1,339	2,563	6,726	10,130	3,655	95	121			
1919	7,896	6,269	2,381	1,254	1,829	8,885	1,965	4,231	75	155	5,077	7,910	186
1920	10,360	10,280	4,818	1,421	7,171	22,364	8,333	4,994	203	67	8,117	11,463	262
1921	12,075	10,893	4,512	1,837	6,696	3,043	4,818	5,708	173	483	7,421	9,774	153
1922	8,513	9,687	1,230	1,108	5,642	12,107	6,948	5,573	159	43	7,900	9,717	90
1923	7,725	12,868	2,311	982	7,617	30,041	7,139	5,471	186	39	10,480	9,597	235
1924	6,011	12,989	4,527	782	4,364	18,290	4,664	5,570	157	647	13,000	10,490	183
1925	3,925	12,303	784	962	7,576	10,332	5,708	5,785	128	99	14,668	10,660	104
1926	5,377	12,681	549	583	8,776	39,946	6,821	5,387	96	107	14,872	10,707	103
1927	4,575	11,011	1,467	581	6,818	8,303	5,127	5,406	138	282	15,713	9,318	107
1928	3,724	10,486	1,335	390	9,700	27,039	7,562	5,885	276	77	15,323	8,592	100
1929	4,618	14,245	2,410	310	9,340	18,040	7,458	6,248	1,864	180	16,606	9,661	333
1930	3,206	11,174	2,375	504	7,937	28,129	5,555	5,128	901	208	16,538	8,554	163
1931	1,831	13,023	915	424	11,448	6,212	4,661	6,132	293	1,137	14,662	7,843	170
1932	1,188	15,255	222	513	13,091	42,129	4,904	7,103	129	112	11,969	6,963	140
1933	1,152	16,419	46	453	11,720	21,654	4,034	6,624	86	93	7,691	6,447	85
1934	614	19,238	49	486	11,255	6,528	4,889	5,264	53	230	6,483	6,188	132
1935	645	11,849	16	355	13,427	79,061	6,641	4,642	113	614	6,416	6,372	110
1936	661	12,650	32	287	14,287	2,453	6,116	5,157	120	152	6,401	6,460	133
1937	842	24,798	152	241	11,426	6,154	4,590	6,469	87	421	8,708	7,072	244
1938	619	18,362	274	285	14,563	79,400	2,629	6,335	69	59	14,684	7,046	341
1939	452	15,836	371	177	8,997	12,948	3,911	6,119	46	904	13,144	6,364	286
1940	264	10,366	76	120	11,757	20,206	2,845	6,063	49	1,228	9,999	7,650	218
1941	242	8,756	114	147	16,512	70,748	2,418	5,371	49	270	11,370	8,767	359
1942	243	7,503	17	74	11,602	8,569	2,641	5,720	66	162	12,461	8,753	276
1943	281	5,044	18	115	12,091	51,764	2,486	6,546	757	255	15,933	9,526	260
1944	419	8,963	10	78	4,049	26,711	1,425	6,419	857	884	17,288	11,987	185
1945	630	9,304	16	59	5,339	6,328	974	5,471	270	215	16,046	12,565	244
1946	385	5,977	3	85	8,116	42,261	817	5,548	185	1,091	18,051	12,635	206
1947	238	4,834	1	77	10,472	9,574	886	6,470	113	646	15,276	10,989	216
1948	126	5,934	-	49	2,668	42,952	859	6,109	107	775	12,100	9,448	465
1949	119	8,852	-	48	4,157	20,279	983	5,953	120	2,909	8,740	9,427	336
1950	84	4,665	-	43	9,184	38,245	761	5,538	133	2,029	8,830	8,678	202

TABLE 2 - DEATHS DUE TO CERTAIN COMMUNICABLE DISEASES, AND RATES
MICHIGAN, 1900 - 1950

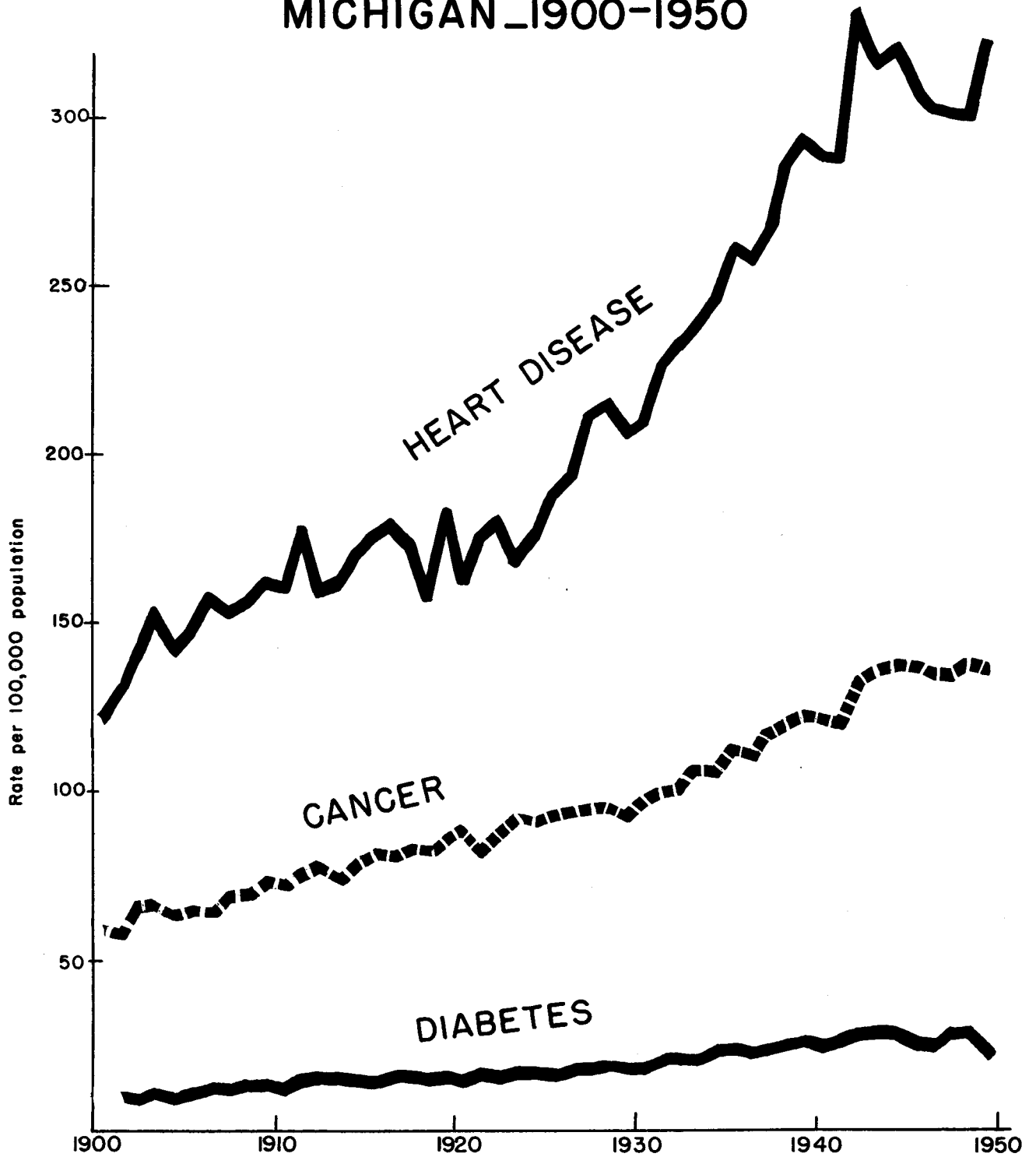
(Rates per 100,000 Population)

Year	Diphtheria		Scarlet Fever		Smallpox		Typhoid Fever		Whooping Cough		Measles		Pneumonia (all forms)		Tuberculosis of the Respiratory System		Tuberculosis (all forms)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1900	529	21.9	272	11.2	9	0.4	869	35.9	208	8.6	342	14.1	2,388	98.6	2,018	83.4	2,500	103.3
1901	502	20.4	312	12.7	27	1.1	645	26.2	163	6.6	79	3.2	2,901	117.9	2,152	87.5	2,548	103.6
1902	504	20.2	277	11.1	42	1.7	608	24.3	289	11.6	238	9.5	2,637	105.5	2,088	83.6	2,462	98.5
1903	686	27.0	200	7.9	29	1.1	606	23.9	383	15.1	176	6.9	2,607	102.7	2,155	84.9	2,562	101.0
1904	515	20.0	210	8.1	26	1.0	641	24.9	148	5.7	194	7.5	2,646	102.7	2,306	89.5	2,761	107.2
1905	478	18.3	123	4.7	74	2.8	636	24.3	131	5.0	123	4.7	2,417	92.4	2,288	87.5	2,732	104.4
1906	472	17.8	227	8.6	3	0.1	721	27.2	469	17.7	251	9.5	2,621	98.7	2,303	86.8	2,737	103.1
1907	421	15.6	159	5.9	8	0.3	594	22.1	223	8.3	256	9.5	3,018	112.0	2,338	86.8	2,728	101.3
1908	343	12.6	194	7.1	11	0.4	687	25.1	305	11.2	121	4.4	2,313	84.7	2,249	82.3	2,706	99.0
1909	395	14.3	275	9.9	4	0.1	653	23.6	217	7.8	270	9.7	2,265	81.7	2,237	80.7	2,629	94.9
1910	495	17.6	297	10.6	121	4.3	654	23.3	318	11.3	251	8.9	2,785	99.1	2,273	80.9	2,756	98.1
1911	473	16.3	208	7.2	7	0.2	551	19.0	254	8.8	200	6.9	2,763	95.4	2,284	78.9	2,766	95.5
1912	465	15.6	186	6.2	3	0.1	534	17.9	252	8.5	118	4.0	2,796	93.8	2,289	76.8	2,744	92.0
1913	676	22.0	283	9.2	5	0.2	538	17.5	292	9.5	258	8.4	3,082	100.5	2,243	73.1	2,703	88.1
1914	507	16.1	177	5.6	2	0.1	400	12.7	304	9.6	180	5.7	2,909	92.2	2,325	73.7	2,799	88.8
1915	354	10.9	107	3.3	5	0.2	353	10.9	236	7.3	101	3.1	3,229	99.7	2,527	78.0	2,986	92.2
1916	507	15.2	177	5.3	2	0.1	424	12.8	228	6.9	363	10.9	3,698	111.2	2,573	77.4	3,070	92.3
1917	851	24.9	340	10.0	9	0.3	386	11.3	360	10.6	259	7.6	4,455	130.6	2,779	81.5	3,310	97.0
1918	686	19.6	181	5.2	18	0.5	337	9.6	496	14.2	270	7.7	7,238	207.0	3,059	87.5	3,612	103.3
1919	764	21.3	179	5.0	10	0.3	272	7.6	172	4.8	183	5.1	4,081	113.9	2,620	73.1	3,127	87.3
1920	888	24.2	305	8.3	14	0.4	297	8.1	511	13.9	436	11.9	5,794	157.9	2,645	72.1	3,149	85.8
1921	954	25.2	334	8.8	12	0.3	285	7.5	316	8.3	58	1.5	2,849	75.3	2,285	60.4	2,736	72.3
1922	620	15.9	217	5.6	20	0.5	192	4.9	232	5.9	232	5.9	3,728	95.5	2,232	57.2	2,654	68.0
1923	675	16.8	304	7.6	13	0.3	202	5.0	323	8.0	258	6.4	4,719	117.4	2,410	59.9	2,837	70.6
1924	470	11.4	265	6.4	226	5.5	149	3.6	169	4.1	221	5.3	3,332	80.5	2,474	59.8	2,952	71.3
1925	358	8.4	208	4.9	22	0.5	157	3.7	260	6.1	69	1.6	3,294	77.4	2,410	56.6	2,830	66.5
1926	677	15.5	235	5.4	4	0.1	119	2.7	355	8.1	577	13.2	4,440	101.5	2,601	59.5	3,041	69.5
1927	516	11.5	168	3.7	-	0	94	2.1	201	4.5	67	1.5	3,543	78.9	2,514	56.0	2,952	65.7
1928	384	8.3	178	3.9	2	0.0	83	1.8	219	4.8	303	6.6	4,518	98.1	2,647	57.4	3,108	67.5
1929	498	10.5	145	3.1	9	0.2	81	1.7	255	5.4	146	3.1	4,216	89.2	2,685	56.8	3,140	66.5
1930	299	6.2	130	2.7	9	0.2	87	1.8	176	3.6	231	4.8	3,321	68.6	2,443	50.5	2,912	60.1
1931	172	3.5	122	2.5	4	0.1	73	1.5	190	3.9	28	0.6	2,883	59.0	2,263	46.3	2,660	54.5
1932	106	2.2	112	2.3	1	0.0	56	1.1	199	4.0	183	3.7	3,238	65.7	2,101	42.7	2,463	50.0
1933	112	2.3	157	3.2	-	0	50	1.0	153	3.1	111	2.2	2,756	55.5	1,996	40.2	2,348	47.3
1934	38	0.8	171	3.4	-	0	65	1.3	141	2.8	36	0.7	3,466	69.2	1,909	38.1	2,199	43.9
1935	58	1.1	98	1.9	-	0	34	0.7	132	2.6	184	3.6	3,801	75.3	1,741	34.5	2,044	40.5
1936	52	1.0	114	2.2	-	0	37	0.7	107	2.1	12	0.2	4,096	80.5	1,816	35.7	2,100	41.3
1937	72	1.4	148	2.9	1	0.0	29	0.6	132	2.6	11	0.2	4,098	79.8	1,860	36.2	2,119	41.3
1938	44	0.9	87	1.7	-	0	23	0.4	116	2.2	100	1.9	2,869	55.5	1,633	31.6	1,866	36.1
1939	25	0.5	69	1.3	-	0	25	0.5	76	1.5	29	0.6	2,803	53.8	1,651	31.7	1,881	36.1
1940	20	0.4	41	0.8	1	0.0	11	0.2	59	1.1	19	0.4	2,478	47.1	1,547	29.4	1,752	33.3
1941	18	0.3	32	0.6	1	0.0	14	0.3	91	1.7	65	1.2	2,235	41.1	1,532	28.2	1,723	31.7
1942	24	0.4	23	0.4	-	0	5	0.1	72	1.3	8	0.1	2,349	42.4	1,630	29.4	1,827	33.0
1943	21	0.4	11	0.2	-	0	9	0.2	101	1.9	89	1.7	2,931	54.5	1,588	29.5	1,802	33.5
1944	32	0.6	7	0.1	1	0.0	7	0.1	33	0.6	49	0.9	2,369	44.1	1,544	28.7	1,748	32.5
1945	46	0.8	9	0.2	-	0	3	0.1	36	0.7	10	0.2	1,932	35.5	1,591	29.3	1,758	32.3
1946	27	0.5	3	0.1	-	0	6	0.1	44	0.8	47	0.8	1,891	33.1	1,645	28.8	1,843	32.3
1947	23	0.4	6	0.1	-	0	5	0.1	63	1.0	5	0.1	2,089	34.4	1,483	24.4	1,643	27.1
1948	8	0.1	1	0.0	-	0	4	0.1	9	0.1	43	0.7	1,853	29.9	1,395	22.5	1,561	25.2
1949	11	0.2	4	0.1	-	0	1	0.0	22	0.3	33	0.5	1,885	29.7	1,254	19.7	1,400	22.0
1950	2	0.0	1	0.0	-	0	5	0.1	28	0.4	28	0.4	1,358	21.3	1,134	17.8	1,270	19.9



Progress in the field of preventive medicine during the past half century has reduced the mortality rate due to communicable diseases to negligible proportions. For example, had the 1900 Tuberculosis mortality rate of 103.3 prevailed today, there would have been 6,582 deaths due to Tuberculosis instead of the 1,270 recorded for 1950.

CHRONIC DISEASES WITH INCREASING MORTALITY RATES MICHIGAN 1900-1950



Chronic diseases appear to be among the major problems of health in the future. Heart disease, the leading cause of death since 1900, has been steadily increasing with a rate today nearly three times the rate at the beginning of the century. Cancer, also one of the leading causes of death, today has a mortality rate of 136.3, compared with 60.3 in 1900.

TABLE 3 - DEATHS DUE TO SPECIFIED CAUSES, AND RATES
MICHIGAN, 1900 - 1950

(Rates per 100,000 population)

YEAR	Heart Disease		Cancer (all forms)		Cerebral Hemorrhage		Accidents (all forms)		Motor Vehicle Accidents		Diabetes		Premature Birth		Nephritis (all forms)		Diarrhea & Enteritis (under 2 yrs.)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1900	2,836	117.1	1,460	60.3	1,259	52.0	1,740	71.9			224	9.3	620	25.6	1,061	43.8	2,337	96.5
1901	3,040	123.6	1,484	60.3	1,243	50.5	1,901	77.3			264	10.7	524	21.3	1,121	45.6	1,768	71.9
1902	3,302	132.1	1,483	59.3	1,249	50.0	1,796	71.9			289	11.6	608	24.3	1,287	51.5	1,400	56.0
1903	3,702	145.9	1,694	66.8	1,390	54.8	2,017	79.5			265	10.4	542	21.4	1,413	55.7	1,664	65.6
1904	3,981	154.5	1,728	67.1	1,473	57.2	2,035	79.0			298	11.6	632	24.5	1,498	58.1	1,504	58.4
1905	3,715	142.0	1,693	64.7	1,436	54.9	2,034	77.8			267	10.2	751	28.7	1,434	54.8	2,034	77.8
1906	3,933	148.2	1,736	65.4	1,536	57.9	2,126	80.1			311	11.7	830	31.3	1,448	54.5	2,436	91.8
1907	4,269	158.5	1,747	64.9	1,672	62.1	2,209	82.0			352	13.1	855	31.7	1,499	55.7	1,451	53.9
1908	4,202	153.8	1,921	70.3	1,669	61.1	2,036	74.5			359	13.1	975	35.7	1,487	54.4	2,201	80.6
1909	4,354	157.1	1,948	70.3	1,759	63.5	2,193	68.7			374	13.5	1,152	41.6	1,521	54.9	1,782	64.3
1910	4,581	163.0	2,105	74.9	2,083	74.1	2,158	76.8	49	1.7	398	14.2	2,050	72.9	2,078	73.9	2,295	81.7
1911	4,639	160.2	2,142	74.0	2,080	71.8	2,121	73.2	44	1.5	373	12.9	2,223	76.8	1,952	67.4	1,598	55.2
1912	5,324	178.5	2,291	76.8	1,999	67.0	2,005	67.2	75	2.5	448	15.0	2,340	78.5	2,081	69.8	1,394	46.7
1913	4,908	160.0	2,388	77.8	2,131	69.5	2,333	76.1	132	4.3	483	15.7	2,480	80.8	2,332	76.0	1,688	55.0
1914	5,124	162.5	2,414	76.6	2,405	76.3	2,108	66.8	120	3.8	503	16.0	2,391	75.8	2,259	71.6	1,609	51.0
1915	5,538	171.0	2,567	79.2	2,681	82.8	2,219	68.5	190	5.9	498	15.4	2,207	68.1	2,264	69.9	1,208	37.3
1916	5,819	175.0	2,710	81.5	2,830	85.1	2,853	85.8	257	7.7	500	15.0	2,498	75.1	2,398	72.1	2,056	61.8
1917	6,103	178.9	2,765	81.1	3,124	91.6	2,925	85.8	335	9.8	569	16.7	2,369	69.5	2,765	81.1	1,636	48.0
1918	6,091	174.2	2,931	83.8	3,043	87.0	2,599	74.3	279	8.0	591	16.9	2,362	67.5	2,614	74.8	1,772	50.7
1919	5,651	157.7	2,990	83.5	3,059	85.4	2,612	72.9	328	9.2	559	15.6	2,183	60.9	2,352	65.6	1,736	48.5
1920	6,732	183.5	3,158	86.1	3,397	92.6	2,646	72.1	397	10.8	577	15.7	2,512	68.5	2,420	66.0	1,860	50.7
1921	6,176	163.1	3,373	89.1	3,416	90.2	2,476	65.4	403	10.6	586	15.5	2,481	65.5	2,362	62.4	1,626	42.9
1922	6,897	176.7	3,481	89.2	3,610	92.5	2,475	63.4	529	13.6	650	16.7	1,793	45.9	2,383	61.1	1,087	27.8
1923	7,266	180.7	3,545	88.2	3,959	98.5	2,826	70.3	677	16.8	635	15.8	1,911	47.5	2,527	62.9	1,380	34.3
1924	6,985	168.8	3,824	92.4	3,811	92.1	3,090	74.7	1,001	24.2	661	16.0	1,970	47.6	2,466	59.6	1,059	25.6
1925	7,540	177.2	3,858	90.7	4,284	100.7	3,278	77.0	1,103	25.9	746	17.5	1,987	46.7	2,554	60.0	1,735	40.8
1926	8,281	189.4	4,087	93.5	4,294	98.2	3,557	81.3	1,221	27.9	743	17.0	1,986	45.4	3,330	76.2	1,090	24.9
1927	8,780	195.5	4,264	95.0	4,092	91.1	3,634	80.9	1,389	30.9	819	18.2	1,911	42.6	3,101	69.1	949	21.1
1928	9,786	212.4	4,381	95.1	4,448	96.5	3,704	80.4	1,429	31.0	905	19.6	1,846	40.1	3,413	74.1	802	17.4
1929	10,185	215.6	4,571	96.7	4,445	94.1	3,913	82.8	1,552	32.8	935	19.8	1,853	39.2	3,137	66.4	765	16.2
1930	9,947	205.4	4,572	94.4	4,332	89.5	3,805	78.6	1,572	32.5	880	18.2	1,805	37.3	3,098	64.0	704	14.5
1931	10,206	209.0	4,763	97.5	4,182	85.6	3,630	74.3	1,516	31.0	950	19.5	1,473	30.2	2,934	60.1	462	9.5
1932	11,162	226.6	4,935	100.2	4,304	87.4	3,179	64.5	1,229	25.0	1,121	22.8	1,372	27.9	2,953	60.0	326	6.6
1933	11,509	231.7	5,055	101.8	4,113	82.8	3,304	66.5	1,278	25.7	1,103	22.2	1,364	27.5	3,008	60.6	292	5.9
1934	11,824	236.1	5,370	107.2	4,296	85.8	3,774	75.4	1,511	30.2	1,100	22.0	1,419	28.3	3,096	61.8	387	7.7
1935	12,456	246.7	5,399	106.9	4,214	83.5	3,771	74.7	1,676	33.2	1,228	24.3	1,389	27.5	2,974	58.9	216	4.3
1936	13,374	262.7	5,752	113.0	4,529	89.0	5,246	103.1	1,924	37.8	1,266	24.9	1,395	27.4	3,033	59.6	467	9.2
1937	13,233	257.6	5,732	111.7	4,195	81.7	4,580	89.2	2,187	42.6	1,255	24.5	1,415	27.6	2,931	57.1	283	5.5
1938	13,887	268.4	6,059	117.1	4,371	84.5	3,608	69.7	1,490	28.8	1,283	24.8	1,484	28.7	2,770	53.5	315	6.1
1939	14,898	285.7	6,296	120.7	4,271	81.9	3,761	72.1	1,553	29.8	1,360	26.1	1,396	26.8	2,808	53.8	258	4.9
1940	15,480	294.5	6,513	123.9	4,547	86.5	3,961	75.4	1,743	33.2	1,408	26.8	1,298	24.7	2,918	55.5	172	3.3
1941	15,761	289.8	6,551	120.5	4,533	83.4	4,450	81.8	2,156	39.6	1,382	25.4	1,353	24.9	2,853	52.5	267	4.9
1942	16,016	289.2	6,646	120.0	4,691	84.7	3,685	66.5	1,368	24.7	1,448	26.1	1,575	28.4	2,731	49.3	238	4.3
1943	17,816	331.3	7,127	132.5	5,133	95.5	3,480	64.7	1,025	19.1	1,535	28.5	1,488	27.7	2,950	54.9	264	4.9
1944	17,004	316.2	7,277	135.3	4,794	89.1	3,350	62.3	1,103	20.5	1,554	28.9	1,412	26.3	2,739	50.9	316	5.9
1945	17,421	320.5	7,486	137.7	5,148	94.7	3,432	63.1	1,199	22.1	1,561	28.7	1,339	24.6	2,655	48.8	263	4.8
1946	17,691	309.9	7,845	137.4	5,090	89.2	3,776	66.1	1,506	26.4	1,530	26.8	1,735	30.4	2,530	44.3	212	3.7
1947	18,412	303.4	8,188	134.9	5,293	87.2	3,848	63.4	1,499	24.7	1,618	26.7	1,953	32.2	2,567	42.3	199	3.3
1948	18,726	302.3	8,336	134.6	5,170	83.5	4,017	64.8	1,545	24.9	1,771	28.6	1,820	29.4	2,473	39.9	279	4.5
1949	19,137	301.3	8,697	136.9	5,325	83.8	3,838	60.4	1,493	23.5	1,884	29.7	1,795	28.3	2,435	38.3	312	4.9
1950	20,521	322.1	8,685	136.3	5,559	87.2	3,783	59.4	1,680	26.4	1,438	22.6	1,096	17.2	1,004	15.8	138	2.2

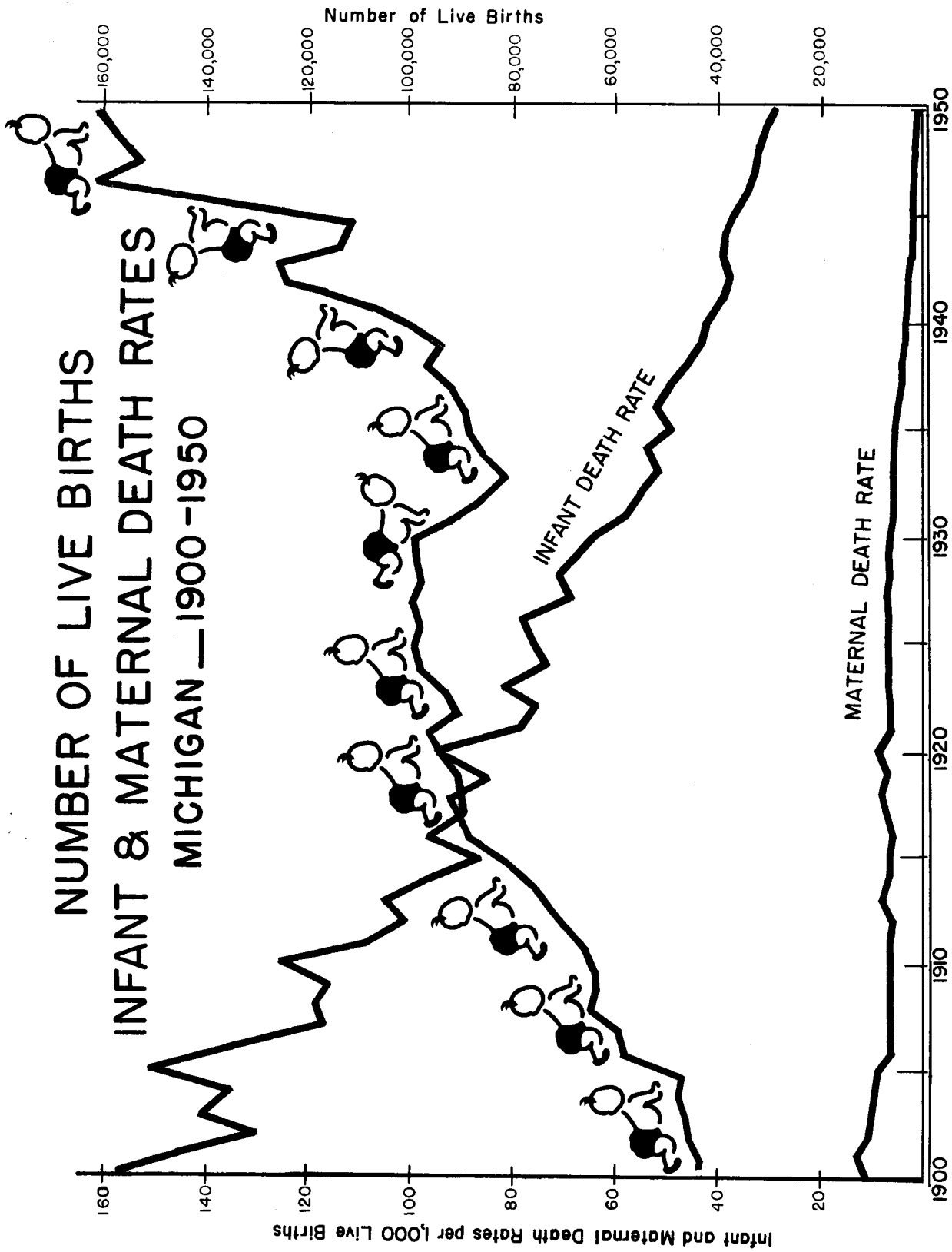
Note: Heart disease includes all forms. Cancer includes leukemias, aleukemias, and Hodgkin's disease beginning with 1921. Cerebral hemorrhage includes cerebral embolism and thrombosis, in early years entitled apoplexy. Motor vehicle accidents do not include automobile collision with heavier vehicles from 1910 through 1922. Motor cycle accidents are included beginning with 1923. Deaths related to prematurity include congenital debility from 1910 through 1921.

TABLE 4 - BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, DEATHS UNDER 1 MONTH, MATERNAL DEATHS,
STILLBIRTHS, MARRIAGES AND DIVORCES, AND RATES; POPULATION
MICHIGAN, 1900 - 1950

(Deaths exclusive of stillbirths. Divorces include annulments. Birth rate, death rate for all ages, rate of persons married, and rate of persons divorced per 1,000 population. Stillbirth ratio, death rates under one year, under 1 month and maternal death rates per 1,000 live births.)

YEAR	Population	NUMBER									RATE					Still- birth Ratio	Rate	
		Live Births	Deaths				Still- births	Marriages	Divorces	Live Births	Deaths				Persons			
			All Ages	Under 1 Yr	Under 1 Mo*	Maternal					All Ages	Under 1 Yr	Under 1 Mo*	Maternal	Married		Divorced	
1900	2,420,982	43,699	33,778	6,866		452	1,325	23,295	2,435	18.1	14.0	157.1		10.3	30.3	19.2	2.0	
1901	2,459,901	43,221	32,634	6,319		531	1,501	24,079	2,448	17.6	13.3	146.2		12.3	34.7	19.6	2.0	
1902	2,498,820	45,546	31,472	5,949		468	1,793	25,653	2,828	18.2	12.6	130.6		10.3	39.4	20.5	2.3	
1903	2,537,739	46,020	33,176	6,488		427	1,814	26,029	2,945	18.1	13.1	141.0		9.3	39.4	20.5	2.3	
1904	2,576,658	47,508	34,494	6,419		436	1,911	24,918	2,808	18.4	13.4	135.1		9.2	40.2	19.3	2.2	
1905	2,615,578	46,976	34,679	7,054		416	2,044	26,307	2,825	18.0	13.3	150.2		8.9	43.5	20.1	2.2	
1906	2,654,497	58,599	37,033	7,952		400	2,358	27,519	3,192	22.1	14.0	135.7		6.8	40.2	20.7	2.4	
1907	2,693,416	59,029	36,701	6,906		391	2,358	27,940	3,107	21.9	13.6	117.0		6.6	39.9	20.7	2.3	
1908	2,732,335	64,772	36,761	7,697		440	2,694	25,765	3,020	23.7	13.5	118.8		6.8	41.6	18.9	2.2	
1909	2,771,254	64,323	36,313	7,443		405	2,540	27,353	3,516	23.2	13.1	115.7		6.3	39.5	19.7	2.5	
1910	2,810,173	64,109	39,913	7,998		431	2,559	29,039	3,716	22.8	14.2	124.8		6.7	39.9	20.7	2.6	
1911	2,895,997	65,756	38,007	7,131		451	2,716	29,859	4,125	22.7	13.1	108.4		6.9	41.3	20.6	2.8	
1912	2,981,821	69,537	38,804	6,985		396	2,906	31,694	3,838	23.3	13.0	100.4		5.7	41.8	21.3	2.6	
1913	3,067,645	73,058	40,827	7,659		528	2,953	33,529	3,978	23.8	13.3	104.8		7.2	40.4	21.9	2.6	
1914	3,153,469	76,761	39,906	7,431		507	3,113	35,316	4,395	24.3	12.7	96.8		6.6	40.6	22.4	2.8	
1915	3,239,293	81,100	40,441	6,943		488	3,357	35,527	4,757	25.0	12.5	85.6		6.0	41.4	21.9	2.9	
1916	3,325,116	87,062	46,047	8,415		503	3,689	40,143	5,540	26.2	13.8	96.7		5.8	42.4	24.1	3.3	
1917	3,410,940	89,419	47,236	7,916		586	3,550	42,791	5,627	26.2	13.8	88.5		6.6	39.7	25.1	3.3	
1918	3,496,764	91,261	54,617	8,197		709	3,686	33,260	5,493	26.1	15.6	89.8		7.8	40.4	19.0	3.1	
1919	3,582,588	84,062	45,636	7,560		578	3,361	45,579	7,469	23.5	12.7	89.9		6.9	40.0	25.4	4.2	
1920	3,668,412	92,245	51,982	8,507		795	3,770	50,805	8,679	25.1	14.2	93.1		8.6	40.9	27.7	4.7	
1921	3,785,799	95,035	44,186	7,584		605	3,669	41,508	7,676	25.4	11.7	79.0		6.3	38.2	21.9	4.1	
1922	3,903,186	90,042	43,817	6,730		551	3,779	43,561	7,591	23.1	11.2	74.7		6.1	42.0	22.3	3.9	
1923	4,020,573	92,956	49,333	7,477		583	3,657	49,569	8,745	23.1	12.3	80.4		6.3	39.3	24.7	4.4	
1924	4,137,960	98,187	47,304	7,088	4,119	636	3,703	49,788	9,400	23.7	11.4	72.2	41.9	6.5	37.7	24.1	4.5	
1925	4,255,347	98,983	49,417	7,498	4,022	629	3,670	46,276	9,650	23.3	11.6	75.7	40.6	6.4	37.1	21.7	4.5	
1926	4,372,734	98,289	54,080	7,630	4,054	631	3,816	39,788	9,795	22.5	12.4	77.6	41.2	6.4	38.8	18.7	4.5	
1927	4,490,121	99,940	50,600	6,766	3,915	667	3,834	36,276	10,617	22.3	11.3	67.7	39.2	6.7	38.4	16.2	4.7	
1928	4,607,508	97,462	54,755	6,806	3,739	603	3,701	37,300	10,615	21.2	11.9	69.8	38.4	6.2	38.0	16.2	4.6	
1929	4,724,895	98,695	56,117	6,605	3,777	617	3,710	36,816	12,094	20.9	11.9	66.9	38.3	6.3	37.6	15.6	5.1	
1930	4,842,325	98,882	51,561	6,213	3,624	597	3,714	29,482	10,639	20.4	10.6	62.8	36.6	6.0	37.6	12.2	4.4	
1931	4,883,703	90,547	49,068	5,187	3,084	539	3,220	28,856	9,507	18.5	10.1	57.3	34.1	6.0	35.6	11.8	3.9	
1932	4,925,081	85,254	49,569	4,630	2,798	493	2,980	28,552	7,889	17.3	10.1	54.3	32.8	5.8	35.0	11.6	3.2	
1933	4,966,459	80,462	48,507	4,094	2,591	447	2,776	33,132	7,671	16.2	9.8	50.9	32.2	5.6	34.5	13.3	3.1	
1934	5,007,837	83,944	50,440	4,377	2,717	450	2,607	43,241	10,124	16.8	10.1	52.1	32.4	5.4	31.1	17.3	4.0	
1935	5,049,216	87,403	51,051	4,170	2,550	438	2,717	45,313	10,844	17.3	10.1	47.7	29.2	5.0	31.1	17.9	4.3	
1936	5,090,594	88,457	54,777	4,479	2,647	425	2,625	47,023	11,419	17.4	10.8	50.6	29.9	4.8	29.7	18.5	4.5	
1937	5,131,972	91,566	53,468	4,374	2,700	326	2,707	47,954	12,472	17.8	10.4	47.8	29.5	3.6	29.6	18.7	4.9	
1938	5,173,350	96,962	50,678	4,319	2,734	345	2,732	30,105	10,646	18.7	9.8	44.5	28.2	3.6	28.2	11.6	4.1	
1939	5,214,728	94,432	52,017	3,952	2,594	280	2,572	37,725	11,589	18.1	10.0	41.8	27.5	3.0	27.2	14.5	4.4	
1940	5,256,106	99,106	52,092	4,022	2,629	292	2,602	46,342	12,054	18.9	9.9	40.6	26.5	2.9	26.3	17.6	4.6	
1941	5,437,546	107,498	52,671	4,166	2,687	298	2,769	50,989	13,317	19.8	9.7	38.8	25.0	2.8	25.8	18.8	4.9	
1942	5,538,857	124,068	52,738	4,606	3,091	260	3,067	51,582	14,085	22.4	9.5	37.1	24.9	2.1	24.7	18.6	5.1	
1943	5,377,329	125,441	56,774	4,804	2,979	237	3,213	44,385	15,259	23.3	10.6	36.3	23.7	1.9	25.6	16.5	5.7	
1944	5,377,329	113,586	54,016	4,326	2,784	198	2,874	41,678	18,356	21.1	10.0	38.1	24.5	1.7	25.3	15.5	6.8	
1945	5,435,092	111,557	53,641	4,008	2,670	166	2,703	48,329	21,133	20.5	9.9	35.9	23.9	1.5	24.2	17.8	7.8	
1946	5,708,415	138,572	54,856	4,541	3,323	163	3,168	78,808	29,158	24.3	9.6	32.8	24.0	1.2	22.9	27.6	10.2	
1947	6,069,000	160,275	56,807	5,055	3,677	173	3,422	71,319	21,386	26.4	9.4	31.5	22.9	1.1	21.4	23.5	7.1	
1948	6,195,000	153,726	56,520	4,617	3,352	120	3,132	61,986	16,017	24.8	9.1	30.0	21.8	0.8	20.4	20.0	5.2	
1949	6,352,000	156,469	57,107	4,520	3,232	105	2,994	53,109	16,274	24.6	9.0	28.9	20.7	0.7	19.1	16.7	5.1	
1950	6,371,766	160,055	57,567	4,214	3,043	91	3,095	58,180	15,979	25.1	9.0	26.3	19.0	0.6	19.3	18.3	5.0	

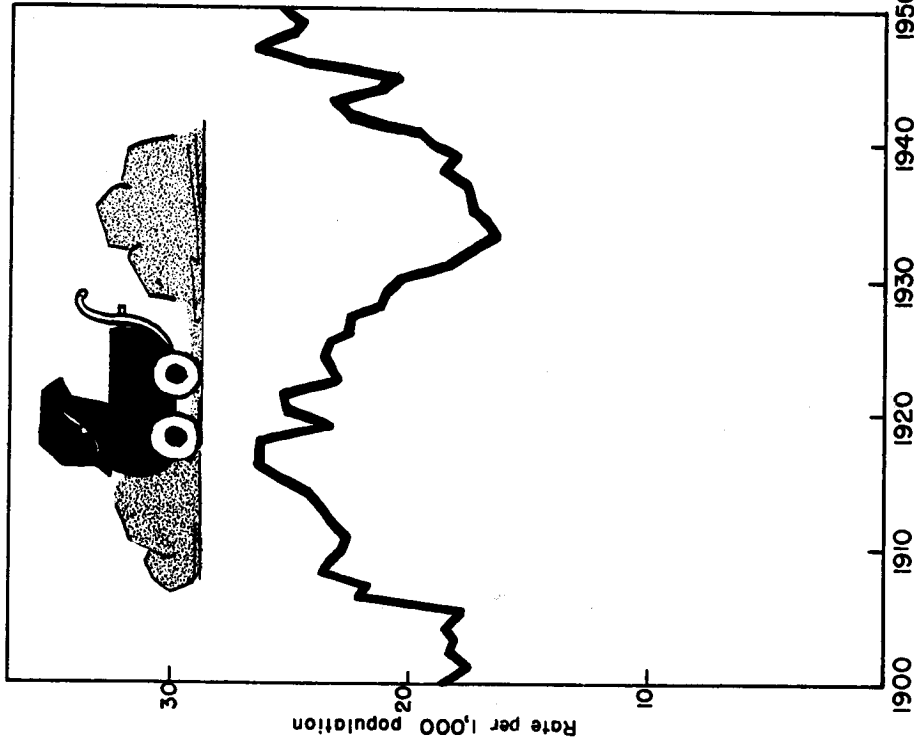
*1950 data based on deaths under 28 days in compliance with the Sixth Revision classification.



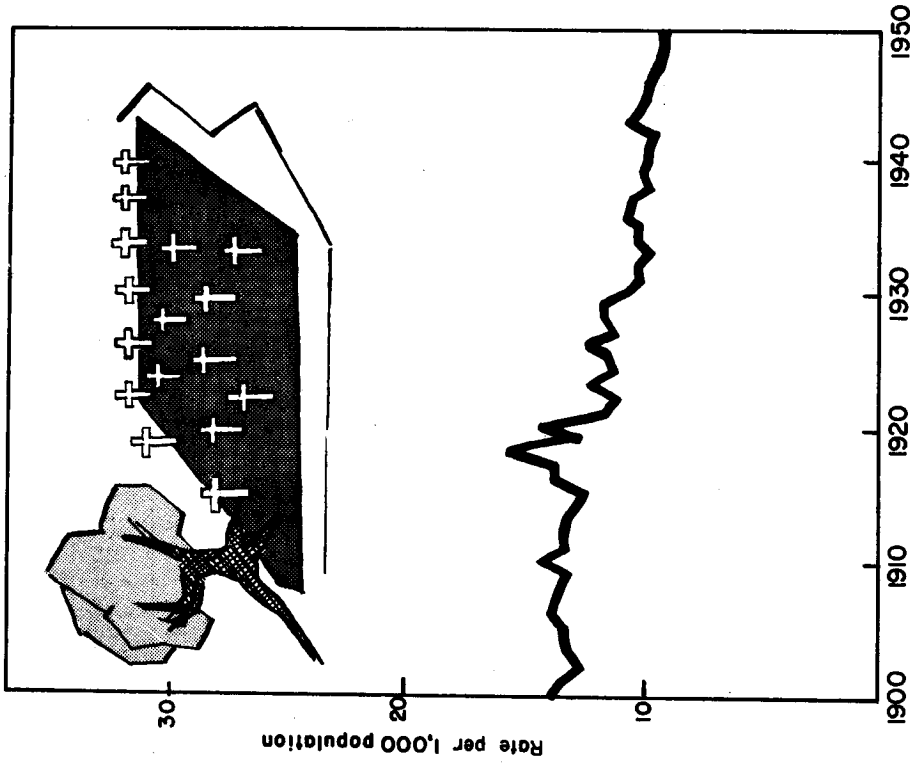
Michigan births totaled 160,055 in 1950, the second highest number of recorded births in 50 years. An all-time high was reached in 1947 with 160,275 births. Along with the considerable increase in number of births, there has been a remarkable decline in both infant and maternal mortality. The infant death rate has been lowered by 83% and the maternal mortality rate by 94%.

TREND OF BIRTH AND DEATH RATES MICHIGAN_1900-1950

BIRTH RATE



DEATH RATE_(all ages)



From the beginning of the century the birth rate trend was upward, reaching a high of 26.2 in 1916 and 1917. The rate then declined to an all-time low of 16.2 during the depression year of 1933. The trend has since been upward again reaching an all-time high of 26.4 in 1947, slightly above the rate of 25.8 for the U. S. as a whole. It is interesting to observe that the two peak years 1917 and 1947 were just 30 years apart. In 1920, 3 years after the first peak year, the rate was 25.1, the same as for the current year, 1950, 3 years following the second peak of the half century.

Fourteen out of every 1,000 Michigan people died in 1900. Only 9 deaths occurred per 1,000 people in 1950. During the past 50 years there has been approximately a 35 per cent reduction in mortality rates.

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE
MICHIGAN, 1950

(Place of residence according to rural areas and urban incorporated areas having a 1940 population of 2,500 or more)

AREA	Total	Diphtheria	Scarlet fever	Typhoid fever	Whooping cough	Measles	Lobar pneumonia	Meningococcal meningitis	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
Total	125,323	84	4,665	43	9,184	38,245	761	133	2,029	93	5,538	8,830	8,678	47,040
Rural	37,795	20	1,916	22	3,124	13,942	28	55	945	77	792	1,040	520	15,314
Urban	87,403	64	2,749	21	6,060	24,303	733	78	1,084	16	4,716	7,719	8,134	31,726
Non-residents	125	-	-	-	-	-	-	-	-	-	30	71	24	-
Alcona	9	-	-	-	-	-	-	-	9	-	-	-	-	-
Alger rural	25	-	1	-	-	-	-	-	-	-	5	5	9	5
Munising	8	-	1	-	4	-	-	-	-	-	3	-	-	-
Allegan rural	320	-	22	-	30	60	-	-	11	2	11	11	7	166
Allegan	43	-	2	-	1	1	-	-	2	1	1	2	6	27
Otsego	56	-	5	-	18	17	-	-	-	-	-	-	-	15
Alpena rural	79	-	1	-	-	24	-	-	24	-	4	4	-	21
Alpena	144	-	5	-	1	28	-	-	21	-	7	11	7	64
Antrim	49	-	20	-	3	8	-	-	1	-	6	-	2	9
Arenac	39	-	9	-	-	5	-	-	1	-	3	5	2	13
Baraga rural	20	-	-	-	-	-	-	-	-	-	15	3	2	-
L'Anse	14	-	1	-	-	1	-	-	-	-	7	-	-	5
Barry rural	479	-	11	1	23	159	-	-	2	-	4	5	1	273
Hastings	53	-	2	-	3	10	-	-	1	-	2	9	2	24
Bay rural	413	-	79	1	60	85	-	-	1	-	9	7	8	148
Bay City	677	1	63	-	40	198	-	-	6	-	18	18	24	309
Benzie	25	-	2	-	3	-	-	-	3	-	1	3	1	12
Berrien rural	149	-	5	2	3	38	-	-	7	-	15	45	10	24
Benton Harbor	214	-	2	1	-	-	-	-	9	-	31	126	45	-
Niles	284	-	6	-	10	184	-	4	7	-	5	17	3	48
St. Joseph	25	-	1	-	-	1	-	-	4	-	7	8	2	2
Buchanan	42	-	2	-	1	18	-	-	-	-	3	14	1	3
Branch rural	761	1	7	-	69	329	-	2	11	4	4	5	1	328
Coldwater	373	-	7	-	14	214	-	-	13	-	5	9	2	109
Calhoun rural	215	-	13	-	25	67	-	1	15	3	17	18	5	51
Albion	237	-	5	-	6	174	-	-	2	-	4	13	4	29
Battle Creek	721	-	64	-	8	95	-	-	19	-	39	122	139	235
Marshall	114	-	1	-	15	9	-	-	1	-	5	10	4	69
Cass rural	584	-	20	-	37	310	-	2	7	-	6	18	5	179
Dowagiac	66	-	-	-	8	32	-	-	1	-	2	4	1	18
Charlevoix rural	114	-	1	-	16	29	-	-	11	-	5	10	5	37
Boyne City	10	-	2	-	2	-	-	-	2	-	2	-	-	2
Cheboygan rural	22	-	-	-	-	-	-	1	4	-	2	8	-	7
Cheboygan	48	-	1	-	2	3	-	-	3	-	3	12	7	17
Chippewa rural	63	-	1	1	1	15	-	-	4	-	5	6	11	19
Sault Ste. Marie	283	-	10	2	5	95	-	-	1	-	12	18	19	121
Clare	28	-	4	-	1	8	-	-	1	-	2	10	1	1
Clinton rural	102	-	6	-	1	34	-	-	7	1	10	14	4	25
St. Johns	54	-	2	-	1	28	-	-	1	-	3	2	2	15
Crawford	192	-	6	-	50	12	-	-	1	-	1	1	-	121
Delta rural	195	1	8	1	-	127	-	-	1	-	11	9	4	33
Escanaba	59	-	7	-	7	1	-	1	2	-	9	7	2	23
Gladstone	29	-	-	-	15	2	1	2	-	-	1	-	-	8
Dickinson rural	111	-	19	-	-	3	-	-	-	-	6	6	-	77
Iron Mountain	141	-	6	-	13	62	-	-	2	-	13	7	-	38
Norway	21	-	2	-	-	5	-	-	-	-	3	-	-	11
Kingsford	218	-	29	-	6	42	-	-	-	-	2	-	-	139
Eaton rural	460	-	3	-	33	245	-	-	23	4	11	15	16	110
Charlotte	188	-	1	-	6	104	1	-	5	-	-	3	9	59
Grand Ledge	27	-	2	-	6	11	-	-	1	-	-	-	-	7
Eaton Rapids	107	-	-	-	2	66	-	1	1	-	3	-	-	34
Emmet rural	25	-	-	-	1	1	-	-	2	1	4	10	1	5
Petoskey	24	-	-	-	5	-	-	1	-	-	3	10	1	4

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE (Continued)

AREA	Total	Diphtheria	Scarlet fever	Typhoid fever	Whooping cough	Measles	Lobar pneumonia	Meningococic meningitis	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
Genesee rural	1,113	2	142	-	193	57	-	-	37	-	10	33	31	608
Fenton	111	-	1	-	34	12	-	-	1	-	-	-	-	63
Flint	1,393	2	112	-	90	59	-	3	29	-	85	362	399	252
Gladwin	99	-	3	-	19	31	-	-	2	-	-	8	1	35
Gogebic rural	59	-	-	-	-	2	-	-	-	-	15	3	2	37
Bessemer	51	-	-	-	-	6	-	-	-	-	6	-	-	39
Ironwood	83	-	-	-	3	2	-	-	3	-	7	12	1	55
Wakefield	23	-	-	-	-	7	-	-	-	-	3	-	-	13
Grand Traverse rural	85	1	18	-	4	9	-	-	14	2	5	13	-	19
Traverse City	71	-	15	-	-	19	-	-	12	1	3	7	2	12
Gratiot rural	63	-	2	-	9	-	-	-	3	4	4	8	1	32
Alma	281	-	1	-	44	9	-	-	1	-	4	2	1	219
St. Louis	4	-	-	-	-	-	-	-	2	1	-	-	-	1
Hillsdale rural	418	-	37	-	81	73	-	-	32	2	8	9	3	173
Hillsdale	138	-	20	-	21	45	3	-	5	-	4	-	1	39
Houghton rural	156	-	10	-	1	13	-	-	5	1	62	17	6	41
Houghton	12	-	1	-	1	3	-	-	-	-	3	-	-	4
Laurium	16	-	1	-	-	-	-	-	5	-	10	-	-	-
Hancock	9	-	2	-	-	-	-	-	-	-	7	-	-	-
Huron rural	21	-	-	-	-	-	-	-	3	1	6	4	6	1
Bad Axe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ingham rural	1,873	-	39	-	179	845	-	2	22	-	10	20	20	736
Lansing	2,019	-	52	1	153	987	1	2	35	-	58	90	142	498
East Lansing	268	-	11	-	3	108	-	-	10	1	9	6	6	114
Mason	73	-	-	-	17	22	-	-	-	-	-	-	-	34
Ionia rural	65	-	2	-	1	11	-	-	3	-	6	7	3	32
Belding	9	-	1	-	-	3	-	-	-	-	-	-	-	5
Ionia	8	-	-	-	-	-	-	-	1	-	2	1	3	1
Iosco	79	-	-	1	-	28	-	-	4	2	3	4	3	34
Iron rural	45	-	-	-	-	2	-	-	3	1	11	6	2	19
Iron River	2	-	-	-	-	-	-	-	-	-	2	-	-	-
Crystal Falls	4	-	-	-	-	-	-	-	-	-	3	-	-	1
Isabella rural	110	-	1	-	16	25	-	1	7	-	5	12	2	41
Mt. Pleasant	84	-	-	-	1	20	-	-	4	-	7	6	2	44
Jackson rural	114	1	5	-	8	32	-	-	8	-	13	18	14	15
Jackson	879	-	30	-	52	324	1	1	20	-	47	35	44	325
Kalamazoo rural	1,168	-	124	1	87	175	-	1	13	1	6	13	10	737
Kalamazoo	1,123	-	53	1	37	93	-	-	13	1	18	75	107	725
Kalkaska	33	-	4	-	8	-	-	-	2	-	3	3	1	12
Kent rural	1,584	-	125	1	115	404	2	1	27	3	13	24	17	852
Grand Rapids	6,404	-	147	-	326	1,631	5	3	34	-	116	201	373	3,568
E. Grand Rapids	65	-	1	-	2	21	-	-	1	-	-	-	-	40
Keweenaw	10	-	-	-	-	-	-	-	-	-	8	-	-	2
Lake	54	-	-	-	16	1	-	-	2	-	4	15	5	11
Lapeer rural	481	2	9	1	5	71	7	-	4	2	9	13	26	332
Lapeer	24	-	3	-	3	3	-	-	-	1	5	5	2	2
Leelanau	34	-	7	-	5	2	-	-	3	3	1	2	1	10
Lenawee rural	179	1	8	-	8	46	4	-	27	2	6	20	9	48
Adrian	239	-	5	-	14	116	-	-	23	-	11	21	14	35
Tecumseh	25	-	5	-	-	-	-	-	5	-	1	-	-	14
Livingston rural	42	4	-	-	2	-	-	-	2	-	7	8	3	16
Howell	6	-	-	-	-	1	-	-	-	-	5	-	-	-
Luce rural	57	-	3	-	1	-	-	-	-	-	2	-	5	46
Newberry	55	-	4	-	1	2	-	-	1	-	1	-	-	46
Mackinac rural	93	-	-	-	-	-	-	-	1	-	4	3	6	79
St. Ignace	117	-	3	-	15	59	-	-	-	-	2	-	-	38
Macomb rural	1,064	-	37	-	76	573	5	2	17	4	36	37	15	262
Mt. Clemens	202	-	4	-	35	63	3	1	3	-	23	31	8	31
Centerline	84	-	2	-	7	15	-	-	4	-	10	5	2	38
East Detroit	492	-	7	-	44	317	-	-	20	1	23	8	3	69
Roseville	103	-	3	-	8	42	1	-	9	-	9	7	2	22
Romeo	90	-	3	-	5	70	-	-	-	-	1	-	-	11
St. Clair Shores	288	-	17	-	35	156	-	2	5	-	15	13	3	42
Manistee rural	86	-	1	-	4	49	-	-	1	-	1	6	5	19
Manistee	164	-	-	-	2	56	-	-	3	-	-	6	3	94

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE (Continued)

AREA	Total	Diphtheria	Scarlet fever	Typhoid fever	Whooping cough	Measles	Lobar pneumonia	Meningococic meningitis	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
Marquette rural	30	-	-	-	-	-	-	-	3	-	15	11	-	1
Ishpeming	74	-	4	-	-	-	-	-	1	-	25	1	-	43
Marquette	167	-	9	-	5	5	-	1	4	-	17	14	3	109
Negaunee	10	-	-	-	-	-	-	-	-	-	10	-	-	-
Mason rural	58	-	5	-	2	7	-	1	3	-	1	5	3	31
Ludington	90	-	2	-	3	15	-	-	7	-	1	8	2	52
Mecosta rural	339	-	5	-	14	13	-	-	7	-	2	7	1	290
Big Rapids	119	-	4	-	22	7	-	-	4	-	1	2	1	78
Menominee rural	166	-	26	-	45	16	1	-	1	1	5	6	-	65
Menominee	97	-	3	-	16	2	-	-	-	-	4	3	2	64
Midland rural	449	-	26	1	68	48	3	-	-	-	4	3	6	267
Midland	201	3	18	-	13	18	-	-	32	-	1	4	1	111
Missaukee	85	-	11	-	8	8	-	-	4	1	1	7	-	45
Monroe rural	490	-	37	1	42	185	2	1	14	1	20	24	1	162
Monroe	499	-	11	-	4	292	2	1	9	-	29	41	1	109
Montcalm rural	62	-	1	-	2	26	-	1	6	-	8	13	3	2
Greenville	10	-	-	-	-	-	-	-	-	1	1	4	3	1
Montmorency	86	-	4	-	4	62	-	-	5	-	-	2	-	9
Muskegon rural	1,003	-	41	-	103	178	-	1	25	1	22	30	27	575
Muskegon	1,014	-	8	-	49	253	1	-	26	-	49	128	269	231
Muskegon Hts.	442	-	2	-	4	78	-	-	12	-	20	59	193	76
Newaygo rural	77	-	2	-	8	15	-	-	3	1	4	17	8	19
Fremont	36	-	1	-	1	3	-	-	-	-	1	-	-	30
Oakland rural	5,446	1	240	2	396	2,365	2	11	79	1	60	93	50	2,146
Birmingham	1,238	-	15	-	70	628	1	-	4	1	8	11	1	499
Ferndale	1,592	-	26	1	76	791	-	1	8	-	28	88	52	521
Pontiac	1,977	-	122	2	186	447	3	2	18	-	46	200	324	627
Rochester	161	-	4	-	-	68	-	-	-	-	4	-	-	85
Berkley	738	1	18	-	14	203	-	1	7	1	8	8	7	470
Clawson	283	-	3	-	13	211	-	-	-	-	-	-	-	56
Pleasant Ridge	232	-	1	-	6	73	-	-	3	-	2	-	-	147
Royal Oak	2,063	1	63	-	57	990	-	1	17	-	20	31	26	857
Oceana	47	-	-	2	1	2	-	-	17	-	4	16	-	5
Ogemaw	32	-	1	1	-	20	-	-	2	5	1	2	-	-
Ontonagon	88	-	3	-	13	3	-	-	5	-	12	11	3	38
Osceola	242	1	8	-	3	23	-	-	6	-	2	6	3	190
Oscoda	9	-	-	-	-	-	-	-	3	-	1	1	1	3
Otsego	15	-	2	-	-	-	-	-	3	-	2	-	3	5
Ottawa rural	1,062	-	28	-	116	259	-	1	15	5	6	11	4	617
Grand Haven	436	-	8	-	10	160	-	1	4	-	2	3	6	242
Holland	497	-	5	-	18	57	-	-	5	-	6	2	8	396
Zeeland	13	-	-	-	4	1	-	-	-	-	2	-	-	6
Presque Isle rural	94	-	3	-	-	58	-	-	6	-	-	4	3	20
Rogers City	68	-	-	-	1	11	-	-	-	-	2	-	-	54
Roscommon	73	-	1	-	1	2	-	-	3	-	-	3	1	62
Saginaw rural	684	-	61	-	301	20	-	5	26	1	28	20	15	207
Saginaw	1,250	-	44	-	380	22	-	7	64	-	63	167	156	347
Sanilac	150	-	15	-	16	28	-	-	3	6	10	10	3	59
Schoolcraft rural	20	-	-	-	-	6	-	-	8	-	-	6	-	-
Manistique	26	-	1	-	-	6	-	-	1	-	7	7	4	-
Shiawassee rural	62	-	5	-	6	13	-	1	7	1	18	1	-	10
Durand	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Owosso	108	-	21	-	16	5	-	-	10	-	7	6	4	39
St. Clair rural	491	2	93	-	51	67	1	1	10	1	10	17	14	224
Marine City	109	-	12	1	5	67	-	-	-	-	1	-	-	23
Port Huron	678	14	81	-	52	67	1	-	6	-	17	33	37	370
St. Clair	279	-	13	-	6	151	-	-	1	-	3	-	-	105
St. Joseph rural	120	-	2	-	7	38	-	-	8	4	7	5	-	49
Sturgis	22	-	1	-	-	3	-	-	5	-	4	7	1	1
Three Rivers	53	-	3	-	-	8	-	-	12	-	6	2	-	22
Tuscola rural	73	1	3	1	7	19	-	-	5	1	6	16	4	10
Caro	2	-	-	-	-	-	-	-	-	-	2	-	-	-
Van Buren rural	537	1	15	-	45	156	-	1	15	2	7	29	12	254
South Haven	123	-	-	-	3	37	-	1	-	-	5	3	7	67

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE (Continued)

AREA	Total	Diphtheria	Scarlet fever	Typhoid fever	Whooping cough	Measles	Lobar pneumonia	Meningococcal meningitis	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
Washtenaw rural	1,727	-	19	1	99	1,085	-	2	45	1	15	33	36	391
Ann Arbor	736	-	2	-	17	172	-	-	8	-	33	35	13	456
Ypsilanti	194	-	-	-	3	16	-	-	13	-	18	41	46	57
Wayne rural	10,266	1	436	3	561	5,208	4	12	185	-	104	100	24	3,628
**Ecorse	138	-	-	-	-	-	-	-	-	-	17	68	53	-
Hamtramck	389	1	6	-	16	34	2	1	6	-	72	19	61	171
**River Rouge	170	-	-	-	-	-	-	-	-	-	20	82	67	1
Detroit	46,909	39	1,376	11	3,684	11,602	701	33	401	5	3,008	5,023	5,192	15,834
Highland Park	1,247	-	16	-	32	700	-	1	9	-	55	41	29	364
**Plymouth	52	-	-	-	-	-	-	-	-	-	41	9	1	1
**Wyandotte	71	-	-	-	-	-	-	-	-	-	40	24	7	-
Dearborn	1,956	2	95	1	88	764	3	2	33	-	142	64	39	723
**Grosse Pt. Farms	750	-	11	-	11	620	-	-	1	-	1	-	2	104
**Grosse Pt. Park	6	-	-	-	-	-	-	-	-	-	4	1	1	-
**Grosse Pt.	127	-	7	-	-	36	-	-	-	-	8	16	1	59
**Grosse Pt. Woods	6	-	-	-	-	-	-	-	-	-	6	-	-	-
**Inkster	200	-	-	-	-	-	-	-	-	-	38	83	79	-
**Lincoln Park	51	-	-	-	-	-	-	-	-	-	30	17	4	-
**Melvindale	13	-	-	-	-	-	-	-	-	-	8	4	1	-
**Northville	5	-	-	-	-	-	-	-	-	-	5	-	-	-
**Trenton	25	-	-	-	-	-	-	-	-	-	18	5	2	-
**Wayne	91	-	-	-	-	-	-	-	-	-	29	33	28	1
**Allen Park	4	-	-	-	-	-	-	-	-	-	4	-	-	-
**Garden City	28	-	-	-	-	-	-	-	-	-	19	7	2	-
Wexford rural	48	-	8	-	11	4	-	-	-	-	3	2	3	17
Cadillac	228	-	1	-	23	8	-	2	1	-	5	-	-	188

*Includes:

Actinomycosis	2	Influenza	142	Rheumatic fever, acute	585
Ankylostomiasis	12	Keratoconjunctivitis	35	Ringworm	1,425
Bites, Animal	8,746	Meningitis, influenzal	16	Rocky Mountain spotted fever	2
Chickenpox	14,044	Mumps	9,916	Rubella	6,093
Diarrhea, epidemic		Paratyphoid fever	6	Salmonella infections	130
(infants under 1 year)	109	Pediculosis	942	Scabies	642
Dysentery, amebic	197	Pink eye	401	Streptococcal sore throat	521
Dysentery, bacillary	203	Pneumonia, Broncho	848	Tetanus	16
Encephalitis, infectious	71	Pneumonia, Unspecified	305	Trachoma	1
Erysipelas	95	Pneumonia, Virus	49	Trichinosis	11
Impetigo	1,027	Psittacosis	4	Tularemia	9
Infectious hepatitis	48	Rabies in animals	233	Weil's disease	14
Infectious mononucleosis	140				

**Included in county rural unless otherwise indicated.

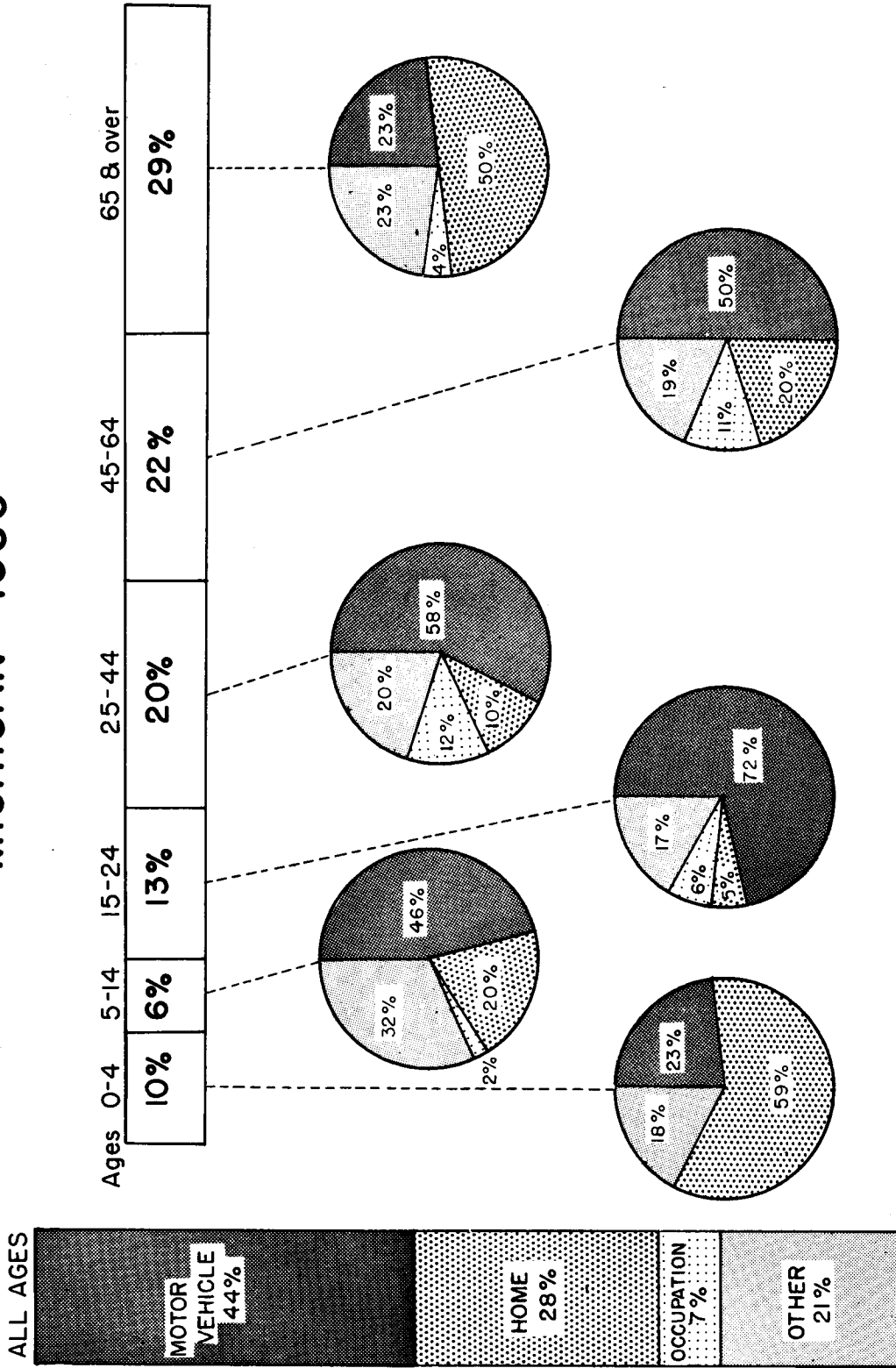
TABLE 6 - ACCIDENTAL DEATHS BY AGE, PLACE, AND TYPE OF ACCIDENT
MICHIGAN, 1950

(By place of occurrence. Age groups, place, and type of accident
according to National Safety Council classification.)

TYPE OF ACCIDENT	All Ages	0 - 4	5 - 14	15 - 24	25 - 44	45 - 64	65 and Over	Age Unknown
GRAND TOTAL	3,702	357	223	487	741	823	1,065	6
OCCUPATIONAL TOTAL	256	-	5	31	86	93	41	-
Agriculture	63	-	5	6	9	19	24	-
Mining, Quarrying, Oil and Gas Wells	19	-	-	1	11	6	1	-
Manufacturing	82	-	-	12	34	30	6	-
Construction	27	-	-	1	9	13	4	-
Transportation	7	-	-	1	-	6	-	-
Public Utilities	8	-	-	-	4	4	-	-
Trade	10	-	-	1	3	3	3	-
Service	18	-	-	4	8	4	2	-
Other Specified Industry	18	-	-	5	4	8	1	-
Unspecified Industry	4	-	-	-	4	-	-	-
HOME TOTAL	1,056	212	45	26	76	163	534	-
Poisonings (gas excepted)	33	12	1	2	11	5	2	-
Poisonings by Gases and Vapors	34	1	-	-	11	10	12	-
Fire, Explosion of Combustible Material	214	52	29	12	31	38	52	-
Hot Substance, Corrosive Liquid, Steam	24	13	1	-	1	4	5	-
Mechanical Suffocation	72	72	-	-	-	-	-	-
Firearms	14	3	3	3	1	3	1	-
Falls on Same Level	113	1	-	-	1	9	102	-
Falls to Different Level or Unspecified	463	15	2	4	15	81	346	-
Other Specified Home Accidents	69	38	4	1	4	10	12	-
Unspecified Home Accidents	20	5	5	4	1	3	2	-
MOTOR-VEHICLE TOTAL	1,624	82	103	350	432	414	243	-
Injury to Pedestrian	422	45	54	16	54	129	124	-
Collision with Other Motor Vehicle	634	20	17	150	205	170	72	-
Collision with Railroad Train	87	2	7	21	27	21	9	-
Collision with Street Car	-	-	-	-	-	-	-	-
Injury to Pedal Cyclist	22	-	17	-	-	1	4	-
Collision with Animal-drawn Vehicle or Animal	2	1	-	1	-	-	-	-
Collision with Fixed Object	68	1	2	24	18	18	5	-
Non-Collision	363	12	4	131	122	67	27	-
Other and Unspecified Accident	26	1	2	7	6	8	2	-
PUBLIC NONMOTOR-VEHICLE TOTAL	474	36	68	74	115	112	66	3
Railroad--Not with Motor Vehicle	38	2	2	-	12	16	6	-
Street Car--Not with Motor Vehicle	8	-	-	1	2	2	3	-
Other Vehicle--Not with Motor Vehicle	8	2	4	-	-	2	-	-
Water Transportation	73	2	5	18	25	21	2	-
Air Transportation	27	-	1	6	17	3	-	-
Fire, Explosion of Combustible Material	13	1	-	-	4	6	2	-
Hot Substance, Corrosive Liquid, Steam	-	-	-	-	-	-	-	-
Drowning	138	19	40	30	23	17	6	3
Firearms	22	-	3	5	11	2	1	-
Falls on Same Level	54	-	-	-	5	22	27	-
Falls to Different Level or Unspecified	30	-	4	2	4	10	10	-
Other Specified Public Accidents	57	10	5	12	11	11	8	-
Unspecified Public Accidents	6	-	4	-	1	-	1	-
TYPE OF ACCIDENT UNKNOWN	292	27	2	6	32	41	181	3

ACCIDENTAL DEATHS BY AGE AND TYPE OF ACCIDENT

MICHIGAN - 1950

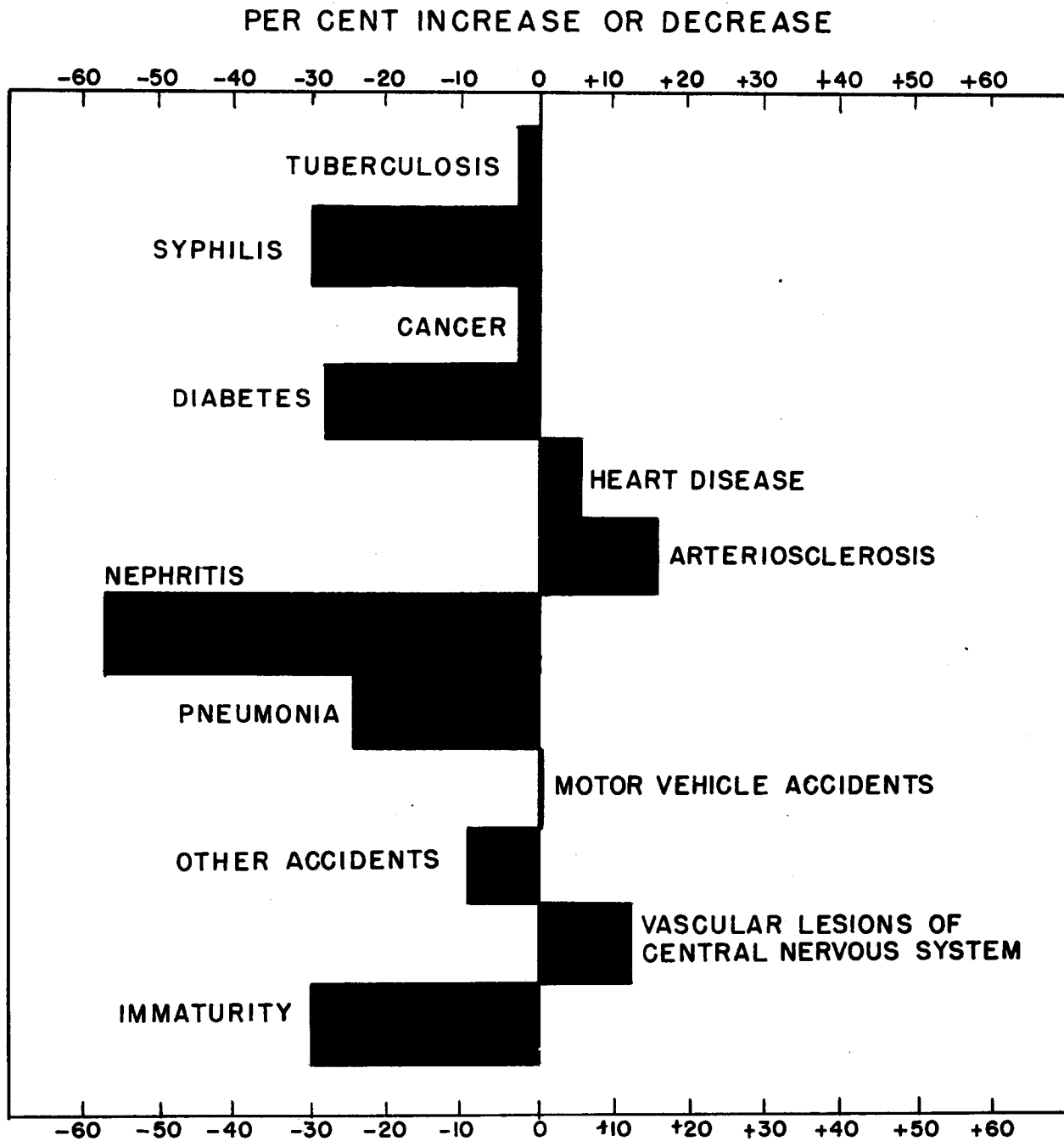


Motor vehicle accidents are responsible for nearly half of all accidental deaths. Considering the working span of life to be between the ages of 18 and 65. Michigan lost nearly 40,000 years of working life during 1950 as a result of deaths due to motor vehicle accidents. In the 15-24 year age group, the group with many productive years ahead of them, nearly three-fourths of the accidental deaths are the result of motor vehicle accidents.

More than a quarter of all accidental deaths occurred in the home; these cause half of the accidental deaths among people 65 years & over, and more than half of those among children under 5 years of age.

EFFECT OF NEW CLASSIFICATION OF CAUSES OF DEATH

PER CENT CHANGE IN NUMBER OF DEATHS ASSIGNED TO SPECIFIED CAUSES BY THE 6th. REVISION AS RELATED TO THE 5th. REVISION



Changes in classification as well as true changes in mortality affect trends in causes of death. The transition from the 5th Revision to the 6th Revision resulted in several major classification changes. The effect of some of these changes is illustrated in the above graph.

TABLE 7A - DEATHS BY INTERMEDIATE LIST OF CAUSES, SEX, AND AGE
MICHIGAN, 1950

(By place of residence. Exclusive of stillbirths. Cause of death classified according to Sixth Revision of International List, 1948, Intermediate List of 150 Causes with additional subdivisions indicated by detailed list numbers. Rates per 100,000 population.)

CAUSE OF DEATH	Int. List No.	Total Number	Sex		Under 1 Year	A G E I N Y E A R S										90 and Over	Not Stated								
			Male	Female		1	5	10	15	20	25	30	35	40	45			50	55	60	65	70	75	80	85
ALL CAUSES		57,567	33,739	23,828	4,214	683	335	257	436	680	720	889	1,216	1,764	2,543	3,552	4,799	6,040	6,516	6,764	6,333	5,216	3,099	1,484	27
TUBERCULOSIS, ALL FORMS	A 1-A 5	1,270	906	364	9	26	8	5	30	60	79	95	98	125	106	135	133	109	106	72	43	29	1	1	-
Tuberculosis of respiratory system	A 1	1,134	836	298	2	6	2	2	25	51	68	85	89	115	98	128	125	99	99	69	41	28	1	1	-
Tuberculosis of meninges and central nervous system	A 2	41	18	23	3	14	4	3	-	3	2	2	2	3	1	2	-	-	-	1	1	-	-	-	-
Tuberculosis of intestines, peritoneum and mesenteric glands	A 3	12	0.2	3	-	-	-	-	2	2	2	2	1	-	-	-	2	1	1	2	-	-	-	-	-
Tuberculosis of bones and joints	A 4	16	0.3	13	-	1	-	-	2	1	2	1	-	-	-	-	-	3	2	2	-	-	-	-	-
Tuberculosis, all other forms	A 5	65	1.0	36	4	5	2	-	2	4	6	4	5	7	5	5	6	4	-	-	1	-	-	-	-
SYPHILIS, ALL FORMS	A 6-A10	325	5.1	245	60	2	-	-	1	2	1	3	10	15	28	32	37	53	50	43	27	14	5	2	-
Congenital syphilis	A 6	4	0.1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tabes dorsalis	A 8	3	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General paralysis of insane	A 9	37	0.6	26	11	-	-	-	-	-	-	-	2	5	7	4	3	3	6	3	3	1	-	-	-
All other syphilis	A10	281	4.4	214	67	-	-	-	1	2	1	1	6	10	21	26	34	49	42	40	24	13	5	2	-
Gonococcal infection	A11	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever	A12	5	0.1	4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid fever and other Salmonella infections	A13	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis (undulant fever)	A15	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery, all forms	A16	20	0.3	13	7	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever	A17	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat	A18	12	0.2	7	5	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelae	A19	5	0.1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia and pyemia	A20	25	0.4	15	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	A21	2	0.0	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough	A22	28	0.4	8	20	15	13	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections	A23	27	0.4	15	12	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute poliomyelitis	A26	6	0.1	4	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute infectious encephalitis	A28	128	2.0	82	46	4	8	24	27	15	9	12	4	3	1	-	-	-	-	-	-	-	-	-	-
Late effects of acute poliomyelitis and acute infectious encephalitis	A29	7	0.1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	A30	5	0.1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infectious hepatitis	A32	28	0.4	18	10	4	14	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydatid disease	A34	20	0.3	11	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases due to helminths	A39	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other diseases classified as infective and parasitic	A42	1	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS, ALL FORMS	A43	44	0.7	23	21	9	5	1	2	-	1	2	2	1	1	1	1	4	4	3	3	2	1	-	-
Malignant neoplasm of buccal cavity and pharynx	A44-A59	8,685	136.3	4,598	4,087	12	53	50	28	40	48	75	108	177	360	519	761	1,023	1,288	1,135	872	605	261	99	1
Malignant neoplasm of esophagus	A44	219	3.4	184	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of stomach	A45	134	2.1	111	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of intestine, except rectum	A46	1,076	16.9	705	371	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of rectum	A47	957	15.0	472	485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of larynx	A48	437	6.9	285	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of trachea, and of bronchus and lung not specified as secondary	A49	72	1.1	67	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of breast	A50	805	12.6	702	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of cervix uteri	A51	774	12.1	7	767	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of other and unspecified parts of uterus	A52	316	5.0	-	316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of prostate	A53	278	4.4	-	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of skin	A54	418	6.6	418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of bone and connective tissue sites	A55	106	1.7	58	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of all other and unspecified sites	A56	95	1.5	58	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leukemia and leukemia	A57	2,295	36.0	1,136	1,159	7	19	16	10	12	22	16	24	48	88	146	201	265	363	320	277	225	138	67	30
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic system	A58	321	5.0	173	148	4	25	26	8	8	6	15	3	10	16	14	26	28	30	38	31	18	9	4	-
Benign neoplasms and neoplasms of unspecified nature	A59	362	6.0	222	160	1	8	7	6	8	10	15	16	13	17	33	38	41	53	43	34	26	12	1	-
Toxic goiter	A60	216	3.4	79	137	8	7	6	4	4	5	8	9	16	22	28	14	24	28	9	6	8	6	3	1
Thyrotoxicosis with or without goiter	A61	10	0.2	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes mellitus	A62	65	1.0	16	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avitaminosis and other deficiency states	A63	1,438	22.6	551	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anemias	A64	32	0.5	21	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allergic disorders; all other endocrine, metabolic and blood diseases	A65	224	3.5	104	120	4	6	2	2	-	1	2	2	1	-	-	-	-	-	-	-	-	-	-	-
	A66	426	6.7	274	152	74	13	2	1	2	3	6	7	13	3	17	29	49	51	47	47	39	14	7	2

TABLE 7B - DEATHS BY DETAILED LIST OF CAUSES, SEX, AND AGE (Continued)

CAUSE OF DEATH	Int. List No.	Total Number	Total Rate	Sex		AGE IN YEARS																			90 and Over	Not Stated
				Male	Female	Under 5	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89			
						9	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89			
Neoplasm of unspecified nature (230-239)		101	1.6	47	54	9	6	4	2	3	4	1	5	7	9	8	11	14	4	3	5	3	3			
Digestive organs	230	6	0.1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	1			
Respiratory organs	231	3	0.0	1	2	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1			
Other genito-urinary organs	236	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1			
Brain and other parts of nervous system	237	80	1.3	37	43	6	5	4	2	3	4	1	5	7	8	8	11	9	2	2	2	2	1			
Skin and musculoskeletal system	238	2	0.0	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1			
Other and unspecified organs	239	6	0.1	3	3	2	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	-	2			
III Allergic, endocrine system, metabolic, and nutritional diseases																										
Allergic disorders (240-245)		262	4.1	180	82	5	-	1	3	4	3	6	6	2	13	22	34	42	40	36	29	14	6	2		
Asthma	241	259	4.1	180	79	5	-	1	3	3	2	6	6	2	13	22	33	42	40	36	29	14	6	2		
Angioneurotic edema	242	2	0.0	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other allergic disorders	245	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diseases of thyroid gland (250-254)		85	1.3	23	62	1	-	-	2	2	1	2	2	2	7	7	3	13	15	13	10	4	2	1		
Simple goiter	250	1	0.0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nontoxic nodular goiter	251	9	0.1	1	8	-	-	-	-	-	-	-	-	-	1	1	1	3	3	3	3	1	1	1		
Thyroiditis with or without goiter	252	65	1.0	16	47	-	-	-	1	1	1	1	1	2	6	6	2	13	8	11	6	4	1	1		
Toxic diffuse goiter	253	56	0.9	14	42	-	-	-	1	1	1	1	1	2	6	6	2	10	6	9	6	4	1	1		
Toxic nodular goiter	254	9	0.1	4	5	-	-	-	-	-	-	-	-	-	1	1	1	3	2	2	2	1	1	1		
Myxedema and cretinism	253	5	0.1	2	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Other diseases of thyroid gland	254	5	0.1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	2	1	1	1		
Diabetes mellitus (260)		1,438	22.6	551	887	1	3	4	6	3	11	12	18	20	40	85	132	242	256	279	183	94	37	12		
Diseases of other endocrine glands (270-277)		92	1.4	59	33	71	1	-	-	-	-	1	2	-	1	3	6	1	-	-	3	-	-	-		
Disorders of pancreatic internal secretion other than diabetes mellitus	270	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Parathyroid gland	271	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pituitary gland	272	4	0.1	1	3	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-		
Thymus gland	273	59	0.9	44	15	58	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
Adrenal glands	274	24	0.4	11	13	12	-	-	-	-	-	1	-	-	1	3	3	-	-	-	2	-	-	-		
Polyglandular dysfunction and other diseases of endocrine glands	277	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
IV Diseases of the blood and blood-forming organs																										
Avitaminoses, and other metabolic diseases (280-299)		47	0.7	29	18	5	1	-	-	-	-	2	3	2	4	4	-	3	2	3	4	5	6	3		
Pellagra	281	3	0.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scurvy	282	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other avitaminoses and nutritional deficiency states	286	28	0.4	16	10	11	-	-	-	-	-	1	1	2	1	1	-	1	2	2	4	5	4	3		
Malnutrition, unqualified	286	24	0.4	16	8	11	-	-	-	-	-	1	1	1	1	-	-	1	2	2	4	5	4	3		
Other and multiple deficiency states	289	4	0.1	2	2	1	-	-	-	-	-	1	1	1	1	-	-	1	2	2	2	4	5	1		
Other metabolic diseases	289	15	0.2	8	7	3	1	-	-	-	-	1	3	2	2	2	-	2	-	-	-	-	-	-		
Lipidosis (disturbance of lipid metabolism)	289	7	0.1	2	5	2	1	-	-	-	-	1	2	1	1	2	-	2	-	-	-	-	-	-		
Amyloidosis	289	4	0.1	3	1	1	-	-	-	-	-	1	2	1	1	2	-	2	-	-	-	-	-	-		
Other	289	4	0.1	3	1	1	-	-	-	-	-	1	2	1	1	2	-	2	-	-	-	-	-	-		
Diseases of blood and blood-forming organs (290-299)		271	4.3	128	143	17	2	2	2	1	4	4	3	1	4	13	14	26	30	38	48	36	20	6		
Pernicious and other hyperchromic anemias	290	129	2.0	57	72	1	-	-	-	-	-	4	3	1	4	6	6	10	16	22	22	14	6	3		
Pernicious anemia	290	119	1.9	54	65	-	-	-	-	-	-	4	3	1	4	5	1	9	16	21	21	14	6	3		
Subacute combined degeneration of spinal cord	290	4	0.1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other hyperchromic anemias	291	6	0.1	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Iron deficiency anemias (hypochromic anemias)	291	1	0.0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other anemias of specified type	292	46	0.7	24	22	4	2	2	1	2	2	1	1	1	1	4	3	4	7	3	6	2	1	1		
Acute hemolytic anemia	292	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Other hemolytic anemias	292	3	0.0	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leuko-erythroblastic anemia	292	3	0.0	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aplastic anemia	292	35	0.5	19	16	2	2	1	1	1	1	1	1	1	1	4	2	4	6	3	7	1	1	1		
Sickle cell anemia	293	5	0.1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Anemia of unspecified type	293	48	0.8	22	26	5	-	-	-	-	-	-	-	-	-	-	-	6	3	7	8	9	5	3		
Polycythemia	294	9	0.1	5	4	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Hemophilia	295	4	0.1	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Purpura and other hemorrhagic conditions	296	17	0.3	11	6	5	-	-	2	-	-	1	1	1	1	1	1	2	2	1	2	1	1	1		
Agranulocytosis	297	7	0.1	4	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Diseases of spleen	298	8	0.1	3	5	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Hepatolienal fibrosis	298	5	0.1	2	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Other	298	3	0.0	1	2	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
Other diseases of blood and blood-forming organs	299	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		
V Mental, psychoneurotic, and personality disorders																										
Psychoses (300-309)		128	2.0	78	50	-	-	-	1	-	-	1	4	2	3	6	6	5	10	13	26	22	19	8		
Schizophrenic disorders (dementia praecox)	300	9	0.1	5	4	-	-	-	-	-	-	1	1	1	1	1	1	2	2	1	1	1	1	1		
Hebephrenic type	300	2	0.0	1	1																					

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	MALIGNANT NEOPLASMS																							
	A34 Infectious hepatitis	A39 Hydatid disease	A42 Other diseases due to helminths	A43 All other infective & parasitic diseases	Total	A44 Buccal cavity & pharynx	A45 Esophagus	A46 Stomach	A47 Intestine, except rectum	A48 Rectum	A49 Larynx	A50 Trachea, & of bronchus & lung not specified as secondary	A51 Breast	A52 Cervix uteri	A53 Other & unspecified parts of uterus	A54 Prostate	A55 Skin	A56 Bone & connective tissue	A57 All other & unspecified sites	A58 Leukemia & leukemias	A59 Lymphosarcoma & other neoplasms lymphatic & hemopoietic system	A60 Benign neoplasms & neoplasms unspecified nature	A61 Nontoxic goiter	A62 Thyrotoxicosis with or without goiter
STATE	20	1	1	44	6,685	219	134	1,076	957	437	72	805	774	316	278	418	106	95	2,295	321	362	216	10	65
Alcona	-	-	-	-	9	-	1	3	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Alger rural	-	-	-	-	5	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Manisling	-	-	-	-	11	1	1	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Allegan rural	-	-	-	-	65	-	-	10	11	1	-	-	-	-	-	-	-	-	17	3	1	-	-	-
Allegan	-	-	-	-	8	-	-	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Otsego	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Alpena rural	-	-	-	1	16	1	-	4	2	-	-	1	-	-	-	-	-	-	4	1	1	1	-	-
Alpena	-	-	-	1	25	-	-	6	4	-	-	3	3	-	-	-	-	-	5	5	1	1	-	-
Antrim	-	-	-	-	19	-	-	8	8	1	-	-	1	-	-	-	-	-	3	4	1	1	-	-
Arenac	-	-	-	-	16	-	-	5	2	-	-	-	-	-	-	-	-	-	3	1	1	1	-	-
Baraga rural	1	-	-	-	8	-	-	3	1	-	-	-	-	-	-	-	-	-	4	3	1	1	-	-
L'Anse	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barry rural	-	-	-	-	30	1	-	2	3	2	1	-	2	2	-	-	1	-	10	-	-	2	-	-
Hastings	-	-	-	-	13	-	-	1	1	-	-	-	2	-	-	-	-	2	3	1	1	1	-	-
Bay rural	-	-	-	1	36	2	-	4	3	2	-	2	1	-	-	-	-	2	14	4	1	-	-	1
Bay City	-	-	-	1	93	2	3	12	7	4	-	3	13	4	3	3	2	-	32	2	3	1	-	2
Benzie	-	-	-	-	8	-	-	-	-	-	-	-	2	2	-	-	-	-	3	-	-	4	-	-
Berrien rural	-	-	-	-	94	3	3	12	12	5	-	8	2	2	1	1	9	1	23	2	4	3	-	-
Benton Harbor	-	-	-	-	30	1	1	4	4	1	-	2	2	1	1	3	3	1	9	2	3	4	-	-
Niles	-	-	-	-	16	1	-	1	1	-	-	-	-	-	-	-	-	-	7	1	-	-	-	-
St. Joseph	-	-	-	-	19	-	-	6	9	1	1	1	2	1	1	2	-	-	5	1	-	-	-	-
Buchanan	-	-	-	-	10	-	-	3	3	-	-	3	3	-	-	-	-	-	3	1	1	1	-	-
Branch rural	-	-	-	-	22	-	-	3	3	2	2	2	3	-	-	-	-	-	3	1	1	1	-	-
Coldwater	-	-	-	-	14	-	-	1	2	-	-	1	1	-	-	-	-	-	2	1	1	1	-	-
Calhoun rural	-	-	-	1	49	1	-	10	10	2	2	3	5	2	2	3	1	1	14	1	4	3	-	-
Albion	-	-	-	-	22	1	-	2	3	-	-	2	4	1	1	-	-	-	3	2	3	3	-	-
Battle Creek	-	-	-	-	70	1	1	5	9	4	2	4	3	3	3	3	1	1	25	2	2	5	-	-
Marshall	-	-	-	-	14	-	-	2	1	1	-	2	1	1	-	-	-	3	3	3	-	-	-	-
Cass rural	-	-	-	1	33	1	1	3	8	2	1	-	2	2	-	-	1	1	10	1	1	1	-	-
Dowagiac	-	-	-	-	15	-	1	2	4	2	-	1	1	1	-	-	-	-	3	3	-	-	-	-
Charlevoix rural	-	-	-	-	12	1	-	1	1	1	-	3	1	1	-	-	1	-	4	1	2	-	-	-
Boyne City	-	-	-	-	7	-	-	2	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Cheboygan rural	-	-	-	-	9	-	-	1	-	1	-	2	-	1	-	-	-	-	3	3	1	-	-	-
Cheboygan	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-
Chippewa rural	-	-	-	-	13	-	-	2	2	1	-	3	2	-	-	-	-	-	1	1	-	-	-	-
Sault Ste. Marie	-	-	-	-	27	-	-	4	2	2	-	1	4	-	-	-	-	-	10	1	4	-	-	-
Clare	-	-	-	-	18	1	-	2	3	1	-	1	1	1	-	-	-	-	8	1	2	-	-	-
Clinton rural	1	-	1	-	29	1	-	4	2	2	2	2	2	-	4	3	-	-	2	1	-	2	-	-
St. Johns	-	-	-	-	9	-	-	1	1	1	-	3	1	1	1	-	-	-	2	-	-	1	-	-
Crawford	-	-	-	-	6	-	-	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Delta rural	-	-	-	-	22	-	-	10	1	-	-	2	-	-	-	3	3	-	5	5	-	-	-	-
Escanaba	-	-	-	-	38	-	-	12	4	2	-	4	2	1	1	3	3	1	6	1	-	-	-	-
Gladstone	-	-	-	-	3	-	-	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Dickinson rural	-	-	-	-	9	-	-	3	1	-	-	-	1	-	-	-	-	-	2	1	1	-	-	-
Iron Mountain	-	-	-	-	23	-	1	3	6	2	-	3	2	-	1	1	1	1	2	1	1	1	1	-
Norway	-	-	-	-	6	-	-	2	2	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-
Kingsford	-	-	-	-	7	-	-	2	2	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-
Eaton rural	1	-	-	-	36	-	-	3	3	1	-	2	3	1	1	1	1	1	14	2	3	-	-	-
Charlotte	1	-	-	-	7	1	-	1	1	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-
Grand Ledge	-	-	-	-	7	-	-	-	1	1	-	-	2	1	-	-	-	-	1	1	1	-	-	-
Eaton Rapids	-	-	-	-	9	-	-	-	2	-	1	-	-	-	-	-	1	-	2	1	1	-	-	-
Emmet rural	-	-	-	-	12	-	-	1	1	-	-	1	1	-	-	-	-	-	5	5	1	2	-	-
Petoskey	-	-	-	-	14	-	-	4	-	-	-	-	-	-	-	-	-	-	6	-	1	-	-	-
Genesee rural	-	-	-	-	92	2	1	9	6	3	1	9	12	1	5	3	3	3	26	3	3	2	-	-
Fenton	-	-	-	-	9	-	-	1	1	1	-	1	1	-	-	-	-	-	2	-	-	-	-	-
Flint	-	-	-	-	207	5	2	17	20	15	-	20	20	4	13	11	4	1	56	8	11	4	2	-
Gladwin	-	-	-	-	11	-	-	2	2	1	-	2	1	-	-	-	-	-	1	1	1	-	-	-
Gogebic rural	-	-	-	-	13	3	-	2	1	-	-	1	-	1	-	-	-	-	2	1	1	-	-	-
Bessemer	-	-	-	-	6	-	-	1	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-
Ironwood	-	-	-	-	23	1	1	1	3	-	-	3	1	1	1	1	-	-	6	2	-	-	-	-
Wakarusa	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-
Grand Traverse rural	-	-	-	-	17	-	-	2	3	-	-	-	1	-	1	1	1	1	6	6	1	1	-	-
Traverse City	-	-	-	-	24	-	-	1	3	3	-	4	3	-	-	1	-	-	6	6	3	3	-	-
Gratiot rural	-	-	-	-	33	2	-	6	3	-	-	2	4	1	2	3	-	1	9	-	2	-	-	-
Alma	-	-	-	-	10	-	-	-	2	-	1	-	2	-	-	-	-	-	5	-	-	-	-	-
St. Louis	-	-	-	-	7	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	-
Hillsdale rural	-	-	-	-	43	-	-	5	6	2	-	3	6	2	2	1	-	-	13	1	1	2	-	-
Hillsdale	-	-	-	-	11	-	-	1	2	1	-	-	2	-	-	-	-	-	2	1	-	-	-	-
Houghton rural	-	-	-	1	66	-	2	2																

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A34 Infectious hepatitis	A39 Hydatid disease	A42 Other diseases due to helminths	A43 All other infective & parasitic diseases	MALIGNANT NEOPLASMS																	
					Total	A44 Buccal cavity & pharynx	A45 Esophagus	A46 Stomach	A47 Intestine, except rectum	A48 Rectum	A49 Larynx	A50 Trachea, & of bronchus & lung not specified as secondary	A51 Breast	A52 Cervix uteri	A53 Other & unspecified parts of uterus	A54 Prostate	A55 Skin	A56 Bone & connective tissue	A57 All other & unspecified sites	A58 Leukemia & atleukemia	A59 Lymphosarcoma & other lymphomas lymphatic & hematopoietic system	A60 Benign neoplasms & neoplasms unspecified nature
Livingston rural	-	-	-	1	39	2	-	3	5	-	1	3	1	1	-	1	16	3	1	1	1	1
Howell	-	-	-	-	6	-	-	1	-	-	-	1	1	-	-	-	2	1	-	-	-	-
Luce rural	-	-	-	-	3	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Newberry	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mackinac rural	-	-	-	-	9	1	1	2	1	-	-	1	1	-	-	-	1	1	1	1	1	1
St. Ignace	-	-	-	-	6	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Macomb rural	1	-	-	-	104	1	2	12	16	7	1	4	9	3	3	7	27	4	5	3	2	2
Mt. Clemens	-	-	-	-	28	-	-	5	1	2	1	3	3	-	-	1	9	4	3	3	2	2
Centerline	-	-	-	-	13	-	-	4	-	-	-	1	1	-	-	2	2	3	1	2	2	2
East Detroit	-	-	-	-	23	1	-	4	1	3	-	-	2	2	2	7	7	3	2	2	2	2
Roseville	-	-	-	-	22	-	-	3	4	4	1	-	2	2	2	7	7	1	1	1	1	1
Romeo	-	-	-	-	11	-	-	2	3	3	3	-	-	-	-	6	6	-	-	-	-	-
St. Clair Shores	-	-	-	-	16	-	-	1	1	1	-	-	1	1	1	6	6	1	1	1	1	1
Manistee rural	-	-	-	-	11	-	-	1	1	1	-	-	2	2	-	4	4	-	-	-	-	-
Manistee	-	-	-	-	10	2	-	1	1	1	-	-	2	2	-	5	5	1	1	1	1	1
Marquette rural	-	-	-	1	28	1	-	13	7	1	-	1	2	2	2	4	4	1	1	1	1	1
Ishpeming	-	-	-	-	15	-	-	2	3	2	-	-	4	4	-	2	2	2	2	2	2	2
Marquette	-	-	-	-	20	1	1	4	1	4	-	-	2	2	-	5	5	1	1	1	1	1
Negaunee	-	-	-	-	7	1	1	1	1	1	4	-	-	-	-	2	2	1	1	1	1	1
Mason rural	-	-	-	-	21	1	1	5	1	2	1	1	1	1	3	4	4	1	1	1	1	1
Ludington	-	-	-	-	17	-	-	2	1	1	-	-	1	1	-	10	10	-	-	-	-	-
Mecosta rural	-	-	-	-	20	-	-	4	4	-	-	3	3	-	-	6	6	-	-	-	-	-
Big Rapids	-	-	-	-	13	1	-	1	4	1	-	1	1	-	-	3	3	-	-	-	-	-
Menominee rural	-	-	-	-	25	-	-	3	3	2	-	2	2	-	-	11	11	1	1	1	1	1
Menominee	-	-	-	-	15	-	-	3	2	-	-	1	1	-	-	5	5	1	1	1	1	1
Midland rural	1	-	-	-	18	-	2	4	1	-	-	3	3	-	-	6	6	-	-	-	-	-
Midland	-	-	-	-	15	-	-	3	5	-	-	2	2	-	-	2	2	-	-	-	-	-
Missaukee	-	-	-	-	15	1	1	1	1	-	-	2	2	-	-	8	8	1	1	1	1	1
Monroe rural	-	-	-	-	64	2	-	7	11	2	1	4	4	1	1	11	11	4	4	2	2	2
Monroe	-	-	-	-	37	1	1	5	1	1	-	4	4	1	1	12	12	2	2	3	3	3
Montcalm rural	-	-	-	-	29	1	-	6	6	1	-	1	1	1	1	6	6	1	1	1	1	1
Greenville	-	-	-	-	16	1	-	3	3	1	-	1	1	-	-	5	5	1	1	1	1	1
Montmorency	-	-	-	-	6	1	-	1	2	-	-	-	-	-	-	1	1	1	1	1	1	1
Muskegon rural	-	-	-	2	49	-	-	8	4	-	-	7	7	-	-	13	13	3	3	1	1	1
Muskegon	-	-	-	-	75	-	2	13	7	3	-	6	4	4	1	1	20	5	1	1	1	1
Muskegon Hts.	-	-	-	-	20	-	-	3	1	-	-	6	2	2	2	5	5	1	1	1	1	1
Newaygo rural	-	-	-	-	31	-	-	4	4	3	-	1	1	-	-	14	1	1	1	1	1	1
Fremont	-	-	-	-	4	-	-	1	1	1	-	2	-	-	-	-	-	-	-	-	-	-
Oakland rural	-	-	-	8	219	11	1	18	24	13	-	20	21	11	9	13	57	8	12	5	5	5
Birmingham	-	-	-	-	17	-	-	1	2	1	-	1	4	-	-	5	5	2	2	2	2	2
Ferndale	-	-	-	1	24	1	1	2	1	-	-	3	3	1	2	8	8	2	2	2	2	2
Pontiac	2	-	-	-	82	1	1	6	8	2	-	6	7	4	2	25	5	5	3	3	3	3
Rochester	-	-	-	-	7	1	-	2	-	-	-	1	1	-	-	1	1	-	-	-	-	-
Berkley	-	-	-	-	15	-	-	2	-	-	-	1	2	1	1	5	2	1	1	1	1	1
Clawson	-	-	-	-	3	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Pleasant Ridge	-	-	-	-	4	1	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Royal Oak	-	-	-	-	50	-	1	3	7	3	2	3	4	3	1	19	2	1	1	1	2	2
Oceana	-	-	-	-	27	1	-	6	5	2	-	4	1	-	-	4	4	1	1	1	1	1
Ogemaw	-	-	-	-	15	2	-	2	4	-	-	-	-	-	-	4	4	-	-	-	-	-
Ontonagon	-	-	-	-	14	-	-	2	2	1	1	1	1	-	-	4	4	2	1	1	1	1
Osceola	-	-	-	1	15	-	-	3	2	-	-	1	-	-	-	5	1	1	2	1	1	1
Osceola	-	-	-	-	4	-	-	1	1	-	-	-	-	-	-	2	-	-	-	-	-	-
Otsego	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Ottawa rural	-	-	-	-	48	4	1	7	3	2	-	5	6	2	1	8	2	4	1	1	1	1
Grand Haven	-	-	-	1	11	2	-	-	2	1	-	1	-	-	-	4	-	-	-	-	-	-
Holland	-	-	-	1	25	-	1	4	5	-	-	1	1	-	-	7	1	3	-	-	-	-
Zeeland	-	-	-	-	8	-	-	2	1	-	-	1	1	-	-	2	-	-	-	-	-	-
Presque Isle rural	-	-	-	-	10	-	-	2	1	-	1	1	1	-	-	2	1	-	-	-	-	-
Rogers City	-	-	-	-	5	-	-	-	1	2	-	-	-	-	-	2	-	-	-	-	-	-
Roscommon	-	-	-	-	10	-	-	1	1	-	1	1	1	-	2	4	-	-	-	-	-	-
Saginaw rural	-	-	-	1	74	2	-	10	3	4	1	4	8	1	3	28	1	6	-	-	-	-
Saginaw	-	-	-	-	136	1	3	22	13	8	2	12	11	6	5	41	3	2	1	1	1	1
Sanilac	1	-	-	-	36	-	-	4	4	5	-	2	3	2	2	10	1	1	-	-	-	2
Schoolcraft rural	-	-	-	-	5	-	-	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Manistique	-	-	-	-	5	-	-	1	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Shiawassee rural	-	-	-	-	38	-	-	6	7	-	1	4	1	5	4	5	3	1	2	-	-	-
Durand	-	-	-	-	8	-	-	1	2	1	-	1	3	1	1	2	1	1	3	-	-	-
Owosso	-	-	-	1	19	-	-	1	1	-	-	2	3	2	2	16	2	2	-	-	-	-
St. Clair rural	-	-	-	-	63	2	-	9	10	6	-	2	8	3	2	16	1	2	-	-	-	-
Marine City	-	-	-	-	17	-	-	3	3	-	-	1	1	-	-	7	-	-	-	-	-	-
Port Huron	-	-	-	-	57	1	-	10	5	4	-	5	6	1	3	17	1	1	3	-	-	-
St. Clair	-	-	-	-	8	-	-	3	-	-	-	2	2	-	-	1	-	-	-	-	-	-
St. Joseph rural	-	-	-	-	23	-	-	4	5	-	-	2	4	1	1	2	2	-	-	-	-	-
Sturgis	-	-	-	1	16	-	-	1	2	2	-	1	2	-	-	5	-	-	-	-	-	-
Three Rivers	-	-	-	-	13	-	1	2	3	2	-	-	-	1	1	1	1	1	1	1	1	1
Tuscola rural	-	-	-	-	47	4	1	3	10	3	-	3	4	1	3	9	1	3	2	-	-	-
Caro	-	-	-	-	5	-	-	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Van Buren rural	-	-	-	-	60	-	1	10	8	2	-	4	4	1	2	11	3	5	1	-	-	1
South Haven	-	-	-	1	10	-	-	1	3	-	-	2	1	-	-	3	-	-	-	-	-	-
Washtenaw rural	-	-	-	-	58	-	1	3	5	7	-	6	8	2	1	14	3	5	-	-	-	-
Ann Arbor	-	-	-	-	48	1	1	2	4	1	-	3	8	-	4	18	1	5	1	1	1	1
Ypsilanti	-	-	-	-	26	-	-	3	6	-	-	3	3	-	9	9	1	1	1	1	1	1
Wayne rural	-	-	-	-	136	2	2	19	9	3	1	16	12	6	5	48	3	3	3	3	3	3
Ecorse	-	-	-	-	14	2	-	2	1	1	-	1	1	-	-	2	-	-	-	-	-	-
Hamtramck	1	-	-	1	62	2	1	9	9	4	-	12	3	3	2	11	1	1	1	1	1	1
River Rouge	-	-	-	-	31	1	-	8	3	1	-	4	2	-	9	9	-	-	-	-	-	-
Detroit	2	1	1	7	2,655	83	52	301	269	137	36	331	236	121	67	101	31	30	654	91	115	79
Highland Park	-	-	-																			

TABLE 6 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A63 Diabetes mellitus	A64 Avitaminosis & other deficiency states	A65 Anemias	A66 Allergic disorders, all other endocrine, metabolic & blood diseases	A67 Psychoses	A68 Psychoneuroses & disorders of personality	A69 Mental deficiency	A70 Vascular lesions affecting central nervous system	A71 Meningoencephalitis	A72 Multiple sclerosis	A73 Epilepsy	A75 Cataract	A77 Otitis media & mastoiditis	A78 All other diseases of nervous system & sense organs	A79 Rheumatic fever	Total	HEART DISEASE					A82 Other diseases of heart	A83 Hypertension with heart disease
																	A80 Chronic rheumatic heart disease	A81 Arteriosclerotic & degenerative heart disease	420 Arteriosclerotic heart disease including coronary disease	421-422 Nonrheumatic chronic endocarditis & other myocardial degeneration	423 Coronary artery disease		
STATE	1,438	32	224	426	128	43	10	6,376	82	59	89	1	14	263	70	20,521	966	16,049	12,883	3,166	786	2,720	
Alcona	6		1	2				4								25	3	17	15	2	2	3	
Alger rural	1							7								13	4	8	6		1		
Munising																13	4	8	6		1		
Allegan rural	12	2	3	1				58	1					4	1	135	4	99	71	26	1	24	
Allegan	3							6								20	1	15	14	1	2	2	
Otsego	2							6								18	1	15	13	2	1	1	
Alpena rural	2		1					8								22	1	17	10	7	1	3	
Alpena	6		1					19						2		56	-	47	38	9	2	7	
Antrim	2			1				17							1	59	4	48	37	11	2	5	
Arenac	1		2	1				9								46	1	28	20	8	3	14	
Baraga rural	1				1			12						1		22	-	21	4	17	1	1	
L'Anse	2		1					6								12	1	11	5	6	-	-	
Barry rural	4			2				20						2		83	2	66	53	13	6	9	
Hastings	3				1			6								29	1	24	21	3	1	3	
Bay rural	7		2	2				31	1	2				1	1	101	2	78	51	27	7	14	
Bay City	13		4	7				58								202	9	161	109	52	15	17	
Benzie	5	1						11								49	1	34	28	6	1	13	
Berrien rural	10		3	6				76						3	1	214	15	166	128	38	11	22	
Benton Harbor	1							37								89	1	72	66	6	2	14	
Niles	3							22								43	4	32	27	5	2	5	
St. Joseph	1		4					17						2		42	1	31	23	8	4	6	
Buchanan	1			1				6	1					1	1	12	-	10	8	2	2	2	
Branch rural	5			2				33		1					1	78	2	63	52	11	4	9	
Coldwater	4		2					26								48	3	34	28	6	3	8	
Calhoun rural	15		1	6				51		3					1	140	6	115	84	31	4	15	
Albion								10		1						38	1	31	14	17	-	6	
Battle Creek	13		3	5		4		77		1			4		212	13	174	119	55	9	16		
Marshall	3			2				13								25	-	24	16	8	-	-	
Cass rural	4		1	2				33		1						73	4	59	39	20	1	9	
Dowagiac		1						9	1							32	-	27	20	7	3	2	
Charlevoix rural	6		1	1				7		2				2		60	5	46	37	9	1	8	
Boyer City	2			1				3								19	-	15	10	5	3	1	
Cheboygan rural								10						1		30	-	25	23	2	1	3	
Cheboygan	2		3	1				11								23	-	22	17	5	5	1	
Chippewa rural	1					1		13			1					39	1	26	24	2	7	5	
Sault Ste. Marie	4		1	2				20						1		64	5	43	41	2	1	15	
Clare	1			2				11								41	1	31	24	2	3	6	
Clinton rural	5			3				32	1		1			1	1	89	3	60	49	11	4	20	
St. Johns	2			1				8								25	-	16	13	3	1	8	
Crawford								4								10	-	5	4	1	1	4	
Delta rural	3		2		2			16								56	4	46	25	21	1	5	
Escanaba	6							35							1	65	2	46	34	12	9	8	
Gladstone	2			1				9								20	-	16	8	8	-	4	
Dickinson rural				1				6								27	2	23	16	7	-	2	
Iron Mountain	2			1				11	1							41	1	35	25	10	-	5	
Norway	4	1						6								10	-	9	5	4	-	-	
Kingsford								4								15	-	13	10	3	-	1	
Eaton rural	7		2	3				31			1			3	1	79	3	63	51	12	2	11	
Charlotte	4							6								25	1	18	10	8	3	3	
Grand Ledge								9								14	-	12	12	-	1	1	
Eaton Rapids				1				6	1							20	-	16	12	4	4	4	
Emmet rural	5							4			1					56	4	43	39	1	1	3	
Petoskey	2							7								48	4	40	39	1	7	1	
Genesee rural	12		6	3				41	2	3				2		252	17	186	145	63	4	40	
Fenton	2							7								35	-	12	9	3	1	7	
Flint	30	2	7	4		3		139	4	1	2			3	4	500	20	393	328	45	13	74	
Gladwin	2			1				18								31	1	27	13	8	5	4	
Goebie rural				1				13								28	-	21	14	13	1	1	
Bessemer	1			1				7								16	1	12	9	3	2	1	
Ironwood	3		2		2			21								58	-	50	32	18	2	6	
Wakefield					1			6								12	1	7	7	-	1	3	
Grand Traverse rural	3							11								41	1	34	21	13	2	4	
Traverse City	2							15								59	2	51	37	14	1	5	
Gratiot rural	4	1		2				29						2	1	100	2	68	46	22	10	20	
Alma	3		1	1				10			1					29	-	22	17	5	3	3	
St. Louis								6						1		17	-	14	6	8	1	2	
Hillsdale rural	13			2				48	1					2	1	96	7	72	56	16	7	10	
Hillsdale	1			2				15	1		1					30	1	22	19	3	1	6	
Houghton rural	9		1	2				46		1	1			2		154	4	131	88	43	5	14	
Houghton				1				9								20	-	20	12	8	-	-	
Laurium	3	1		1				7								20	-	17	11	6	2	1	
Hancock	2		1		2			12								31	1	24	12	12	3	3	
Huron rural	1		4					35								108	1	84	58	26	3	20	
Bad Axe								3								11	-	10	6	4	-	1	
Ingham rural	11		1	2				51								154	9	110	80	30	13	22	
Lansing	13		1	7		2		112		1	1					316	12	247	219	28	13	44	
East Lansing	1							7								16							

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A63 Diabetes mellitus	A64 Arteriosclerosis & atherosclerosis	A65 Anemias	A66 Allergic disorders; Allergic rhinitis, asthma, urticaria, metabolic & blood diseases	A67 Psychoses	A68 Psychoneuroses & disorders of personality	A69 Mental deficiency	A70 Vascular lesions affecting central nervous system	A71 Nonmeningococcal meningitis	A72 Multiple sclerosis	A73 Epilepsy	A75 Cataract	A77 Otitis media & mastoiditis	A78 All other diseases of nervous system & sense organs	A79 Rheumatic fever	HEART DISEASE					A82 Other diseases of heart	A83 Hypertension with heart disease
																Total	A80 Chronic rheumatic heart disease	A81 Arteriosclerotic & degenerative heart disease	420 Arteriosclerotic heart disease including coronary disease	421-422 Nonrheumatic chronic endocarditis & other myocardial degeneration		
Livingston rural	4	-	-	3	1	-	-	33	-	-	1	-	-	2	-	81	2	73	51	22	2	4
Howell	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	23	-	22	20	-	-	1
Luce rural	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-	15	-	13	11	2	-	2
Newberry	-	-	-	-	2	-	-	3	-	-	-	-	-	-	-	14	-	14	12	2	-	-
Mackinac rural	2	-	-	-	-	-	-	8	-	-	-	-	-	-	-	18	-	15	13	2	-	-
St. Ignace	4	-	-	1	-	-	-	3	-	-	-	-	-	-	-	11	-	11	7	4	-	-
Macomb rural	16	1	2	7	1	-	-	75	-	2	1	-	-	1	242	12	190	141	49	6	34	
Mt. Clemens	9	-	-	3	-	-	-	22	1	-	-	-	-	-	75	3	58	41	17	3	11	
Centerline	1	-	-	-	-	-	-	2	-	-	-	-	-	-	18	-	14	10	4	-	3	
East Detroit	3	-	-	1	-	-	-	8	-	-	1	-	-	-	32	-	29	20	9	-	1	
Roseville	-	-	-	2	-	-	-	17	1	-	-	-	-	2	33	-	27	20	7	-	5	
Romeo	3	-	-	-	-	-	-	8	-	-	1	-	-	-	17	-	14	6	6	-	-	
St. Clair Shores	4	-	-	1	-	-	-	14	-	-	-	-	-	-	40	-	28	24	4	-	7	
Manistee rural	2	-	-	-	-	-	-	16	-	-	1	-	-	-	56	-	55	52	3	-	1	
Manistee	6	-	1	-	-	-	-	22	-	-	-	-	-	-	60	6	43	21	22	3	8	
Marquette rural	5	-	1	-	-	-	-	14	1	-	-	-	-	-	38	-	30	22	8	-	6	
Ishpeming	-	-	-	-	-	-	-	21	-	-	-	-	-	-	64	3	52	43	9	-	7	
Marquette	2	-	-	-	3	1	-	26	-	-	-	-	-	-	31	-	24	15	9	-	2	
Negaunee	6	-	1	1	-	-	-	4	-	-	-	-	-	-	48	-	39	35	4	-	8	
Mason rural	2	-	-	1	-	-	-	12	-	-	-	-	-	-	54	-	48	41	7	-	3	
Ludington	4	-	-	-	-	-	-	13	-	-	-	-	-	-	63	-	48	32	16	-	10	
Mecosta rural	8	-	2	-	-	-	-	6	-	-	-	-	-	-	31	1	22	16	6	-	5	
Big Rapids	3	-	-	-	-	-	-	19	-	-	-	-	-	-	44	1	36	18	18	-	6	
Menominee rural	2	-	1	1	-	-	-	8	-	-	-	-	-	-	38	2	29	25	4	-	7	
Menominee	4	-	-	1	-	-	-	13	-	-	1	-	-	-	49	-	42	34	8	-	5	
Midland rural	1	1	2	-	-	-	-	11	1	-	-	-	-	-	34	2	29	29	-	-	3	
Midland	3	-	-	-	-	-	-	9	-	-	-	-	-	-	31	2	25	19	6	-	4	
Missaukee	-	-	-	1	-	-	-	40	3	1	1	-	-	-	146	-	122	90	32	-	15	
Monroe rural	14	-	1	2	1	-	-	20	-	-	-	-	-	-	63	3	48	37	11	-	9	
Monroe	5	-	-	1	-	-	-	48	-	-	-	-	-	-	98	-	80	53	27	-	6	
Montcalm rural	8	1	3	4	2	-	-	6	-	-	-	-	-	-	21	-	15	12	3	-	5	
Greenville	1	-	-	1	-	-	-	30	1	-	-	-	-	-	13	-	11	6	5	-	2	
Montmorency	7	-	2	3	-	-	-	59	1	-	-	-	-	-	143	4	121	99	22	-	6	
Muskegon rural	14	-	3	7	-	-	-	16	2	-	-	-	-	-	189	6	156	124	32	-	12	
Muskegon	5	-	1	3	-	-	-	34	-	-	-	-	-	-	51	-	44	36	8	-	4	
Muskegon Hts.	5	-	-	2	1	-	-	4	-	-	-	-	-	-	72	3	58	33	25	-	7	
Newsygo rural	5	-	-	1	-	-	-	16	2	-	-	-	-	-	9	-	6	5	1	-	2	
Fremont	33	2	4	6	6	-	-	142	1	1	-	-	-	8	418	17	331	291	40	-	61	
Oakland rural	6	-	-	-	-	-	-	19	-	-	-	-	-	-	47	3	40	36	4	-	2	
Birmingham	5	-	-	-	-	-	-	28	-	-	-	-	-	-	84	3	64	58	6	-	3	
Ferndale	17	1	2	3	1	-	-	56	-	-	-	-	-	-	197	9	155	126	29	-	27	
Pontiac	2	-	-	-	-	-	-	1	1	-	-	-	-	-	7	-	6	5	1	-	-	
Rochester	3	-	-	-	-	-	-	6	-	-	-	-	-	-	23	-	21	19	2	-	1	
Berkley	2	-	2	-	-	-	-	6	-	-	-	-	-	-	11	-	9	9	1	-	2	
Clawson	3	-	-	-	-	-	-	6	1	-	-	-	-	-	16	-	13	12	1	-	1	
Pleasant Ridge	7	-	-	2	-	-	-	27	-	-	-	-	-	-	114	7	65	76	9	-	15	
Royal Oak	9	-	1	3	-	-	-	33	-	-	-	-	-	-	53	3	42	29	18	-	8	
Oceana	9	-	1	1	-	-	-	19	-	-	-	-	-	-	40	-	36	33	6	-	3	
Ogemaw	23	-	-	-	-	-	-	23	1	-	-	-	-	-	36	-	32	26	6	-	2	
Ontonagon	4	-	-	-	-	-	-	19	-	-	-	-	-	-	69	1	51	30	21	-	6	
Osceola	4	1	-	1	-	-	-	4	-	-	-	-	-	-	6	-	5	5	-	-	1	
Oscoda	1	-	-	1	-	-	-	10	-	1	-	-	-	-	19	-	13	12	1	-	5	
Ottawa rural	7	1	2	2	-	-	-	40	-	-	-	-	-	-	149	3	114	85	29	-	29	
Grand Haven	4	-	-	-	-	-	-	9	-	-	-	-	-	-	31	-	25	20	5	-	1	
Holland	1	-	-	1	-	-	-	25	-	-	1	-	-	-	48	-	41	34	7	-	5	
Zeeland	2	-	-	-	-	-	-	3	-	-	-	-	-	-	9	-	8	6	2	-	1	
Presque Isle rural	-	-	-	-	-	-	-	6	-	-	-	-	-	-	32	-	28	27	1	-	2	
Rogers City	-	-	-	-	-	-	-	3	-	-	-	-	-	-	11	1	9	8	1	-	1	
Roscommon	2	-	1	-	-	-	-	4	-	-	-	-	-	-	31	-	28	20	6	-	1	
Saginaw rural	13	1	4	8	1	-	-	61	-	3	-	-	-	-	200	6	171	134	37	-	14	
Saginaw	23	-	3	12	-	-	-	135	-	2	-	-	-	-	295	13	248	204	44	-	10	
Sanilac	11	-	4	2	-	-	-	53	1	1	-	-	-	-	122	7	100	71	29	-	9	
Schoecraft rural	2	-	-	-	-	-	-	7	-	-	-	-	-	-	13	-	9	6	7	-	2	
Manistique	3	-	1	1	-	-	-	3	-	-	-	-	-	-	19	-	18	11	1	-	1	
Shiawassee rural	8	-	-	-	1	-	-	32	-	1	1	-	-	-	95	4	77	58	19	-	13	
Durand	1	-	-	-	-	-	-	3	-	-	-	-	-	-	12	-	7	3	4	-	4	
Owosso	-	1	4	-	-	-	-	24	-	-	-	-	-	-	61	2	50	43	7	-	8	
St. Clair rural	9	-	2	6	-	-	-	49	2	-	1	-	-	-	161	6	123	93	30	-	6	
Marine City	-	-	-	-	2	-	-	6	-	-	-	-	-	-	37	-	24	20	4	-	7	
Port Huron	15	-	3	7	-	-	-	46	-	-	-	-	-	-	179	12	136	112	24	-	30	
St. Clair	1	-	-	-	-	-	-	6	-	1	-	-	-	-	23	-	18	15	3	-	3	
St. Joseph rural	1	-	-	1	1	-	-	28	-	1	1	-	-	-	79	-	58	44	14	-	6	
Sturgis	3	-	2	1	-	-	-	9	-	-	-	-	-	-	22	-	16	14	2	-	4	
Three Rivers	1	-	-	-	-	-	-	15	-	-	-	-	-	-	31	-	23	19	4	-	3	
Tuscola rural	4	-	-	2	1	-	-	33	-	-	-	-	-	-	115	9	87	64	23	-	16	
Caro	-	-	-	2	-	-	-	6	-	-	-	-	-	-	17	-	14	10	4	-	2	
Van Buren rural	7	1	1	3	4	-	-	62	-	-	1	-	-	-	152	8	97	80	17	-	33	
South Haven	1	-	-	-	-	-	-	8	-	-	-	-	-	-	37	-	25	18	7	-	7	
Washtenaw rural	10	1	4	5	-	-	-	81	2	1	-	-	-	-	153	6	131	100	31	-	7	
Ann Arbor	6	-	-	4	-	-	-	46	1	1	3	-	-	-	106	-	95	79	16	-	3	
Ypsilanti	4	-	1	-	-	-	-	15	-	-	-	-	-	-	56	-	42	31	11	-	2	
Wayne rural	12	1	1	4	2	2	-	75	1	-	1	-	-	-	313	16	253	214	39	-	37	
Ecorse	3	-	-	5	-	-	-	15	-	-	-	-	-	-	44	3	30	26	4	-	10	
Hamtramck	8	-	1	2	1	-	-	23	1	-	1	-	-	-	111	9	71	57	14	-	6	
River Rouge	1	-	-	1	-	-	-	11	-	-	-	-	-	-	50	-	41	33	8	-	25	
Detroit	435	6	50	107	31	11	4	1,538	33	18	19	1	-	-	76	25	5,856	4,396	3,754	642	164	941
Highland Park	13	-	2	3	2	-	-	59	-	-	-	-	-	-	185	-	149	120	29	-	4	
Plymouth	1	-	-	-	-	-	-	9	-	-	-	-	-	-	22	-	17	14	3	-	2	
Wyandotte	8	-	-	-	-	-	-	26	-	-	-	-	-	-	113	3	94	81	13	-	15	
Dearborn	17	1																				

TABLE 6 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A 84 Hypertension without mention of heart	A 85 Diseases of arteries	450 General arteriosclerosis	451-456 Other diseases of arteries	A 86 Other diseases of circulatory system	A 87 Acute upper respiratory infections	A 88 Influenza	P N E U M O N I A				A 92 Acute bronchitis	A 93 Bronchitis, chronic & unqualified	A 94 Hypertrophy of tonsils & adenoids	A 95 Empyema & abscess of lung	A 96 Pleurisy	A 97 All other respiratory diseases	A 98 Diseases of teeth & supporting structures	A 99 Ulcer of stomach	A 100 Ulcer of duodenum	A 101 Gastritis & duodenitis	A 102 Appendicitis	A 103 Intestinal obstruction & hernia	A 104 Gastro-enteritis & colitis, except diarrhea of newborn
								Total	A 89 Lobar pneumonia	A 90 Broncho-pneumonia	A 91 Primary atypical, other & unspecified pneumonia													
STATE	452	1,476	1,296	180	162	65	123	1,358	563	523	272	31	69	10	31	19	302	8	206	191	11	122	419	227
Alcona	-	1	1	-	-	-	-	3	2	1	-	-	-	-	-	-	1	-	-	2	-	-	-	1
Alger rural	-	1	1	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Munising	-	1	1	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allegan rural	7	17	17	-	1	-	1	6	1	4	-	-	-	-	-	-	1	1	1	4	1	1	1	8
Allegan	1	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Otsego	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpena rural	-	1	1	-	1	-	-	4	-	2	2	-	-	1	-	-	-	1	1	-	-	-	-	1
Alpena	-	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Antrim	-	2	2	-	1	-	1	7	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Arenac	-	-	-	-	-	-	-	4	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Baraga rural	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
L'Anse	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barry rural	2	5	4	1	-	-	-	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hastings	-	4	4	-	1	-	1	2	1	1	1	1	-	-	-	-	1	1	1	1	-	-	2	1
Bay rural	-	7	7	-	-	-	-	9	3	4	5	-	-	-	-	-	-	-	-	-	-	-	-	1
Bay City	6	13	8	5	1	1	2	18	8	4	6	-	-	-	-	-	-	-	2	4	-	-	8	2
Benzie	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Berrien rural	3	13	10	3	-	-	2	10	4	1	5	-	-	-	-	-	-	-	5	4	1	1	1	3
Benton Harbor	2	3	2	1	-	-	-	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Niles	2	3	5	-	1	-	-	3	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Joseph	1	6	5	-	-	-	1	1	1	1	2	-	-	-	-	-	-	-	-	-	2	-	-	-
Buchanan	-	3	2	1	-	-	-	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Branch rural	1	14	14	-	-	-	-	4	1	1	2	-	-	1	1	-	-	-	1	1	1	1	1	1
Coldwater	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Calhoun rural	1	25	23	2	2	-	1	15	5	7	3	-	-	1	-	-	2	2	2	2	1	1	1	3
Albion	1	3	3	-	-	-	-	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Battle Creek	4	17	15	2	2	-	4	9	3	4	2	1	-	1	-	3	-	-	1	3	2	-	2	1
Marshall	1	4	3	1	-	-	1	7	4	1	2	-	-	-	-	-	-	-	1	1	1	-	2	2
Cass rural	1	6	6	-	-	-	1	4	1	-	2	-	-	-	-	-	-	-	1	1	-	-	2	2
Dowagiac	-	4	2	2	-	-	-	3	1	-	2	-	-	-	-	-	-	-	-	-	-	-	3	3
Charlevoix rural	-	5	5	-	3	-	-	1	1	1	-	-	-	-	-	-	1	-	1	1	-	-	-	-
Boyer City	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Cheboygan rural	-	3	3	-	-	-	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Cheboygan	1	2	2	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Chippewa rural	-	1	1	-	-	1	2	5	1	2	2	-	1	-	1	-	-	-	-	-	-	-	1	1
Sault Ste. Marie	1	2	2	-	-	-	-	3	3	-	2	1	-	-	-	-	-	-	-	-	-	-	2	2
Clare	1	5	4	1	-	-	2	4	2	1	2	-	-	-	-	-	-	-	-	-	-	-	3	3
Clinton rural	-	6	4	2	-	1	2	6	2	3	1	1	1	-	-	-	-	-	-	-	-	-	3	3
St. Johns	-	5	5	-	-	-	-	2	2	1	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Crawford	1	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta rural	1	2	2	-	-	1	1	3	2	1	1	-	-	-	1	-	1	1	1	1	1	1	1	4
Escanaba	1	1	1	-	-	-	-	5	2	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Gladstone	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dickinson rural	-	1	1	-	-	-	-	3	1	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-
Iron Mountain	1	8	6	2	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
Norway	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Kingsford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eaton rural	4	9	9	-	2	-	-	2	1	1	1	-	1	-	-	2	-	-	3	-	-	-	6	1
Charlotte	1	2	2	-	-	1	1	4	1	1	1	-	-	-	-	-	-	-	1	1	-	-	1	1
Grand Ledge	1	1	1	-	-	-	-	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eaton Rapids	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emmet rural	1	4	4	-	-	1	-	3	2	-	1	-	1	-	-	-	2	-	-	-	-	-	1	1
Petoskey	-	1	1	-	-	-	-	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Genesee rural	-	37	35	2	-	-	2	19	6	6	5	1	-	1	-	1	4	2	2	2	2	1	1	4
Fenton	-	2	2	-	-	-	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flint	13	57	53	4	2	3	2	38	14	12	12	1	1	1	1	6	6	6	6	6	1	1	13	3
Gladwin	-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Gogebic rural	-	2	2	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bessemer	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ironwood	-	5	5	-	1	1	-	1	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Wakefield	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Grand Traverse rural	-	3	3	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Traverse City	1	6	6	-	-	1	1	3	1	-	2	-	-	-	-	-	-	-	1	1	-	-	3	2
Cratiot rural	1	8	7	1	2	1	1	3	-	2	1	1	-	-	-	1	-	-	1	1	1	1	1	1
Alma	1	4	4	-	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Louis	1	1	1	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Hillsdale rural	1	16	16	-	2	-	2	8	3	4	4	-	1	-	-	2	-	-	2	-	-	-	-	2
Hillsdale	-	3	3	-	-	-	-	4	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Houghton rural	3	10	8	2	-	1	1	5</																

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A 84 Hypertension without mention of heart	A 85 Diseases of arteries	450 General arteriosclerosis	461-466 Other diseases of arteries	A 86 Other diseases of circulatory system	A 87 Acute upper respiratory infections	A 88 Influenza	PNEUMONIA				A 92 Acute bronchitis	A 93 Bronchitis, chronic & unspecified	A 94 Hypertrophy of tonsils & adenoids	A 95 Diphtheria & abscess of lung	A 96 Pleurisy	A 97 All other respiratory diseases	A 98 Diseases of teeth & supporting structures	A 99 Ulcer of stomach	A100 Ulcer of duodenum	A101 Gastritis & duodenitis	A102 Appendicitis	A103 Intestinal obstruction & hernia	A104 Gastro-enteritis & colitis, except diarrhea of newborn
								Total	A 89 Lobar pneumonia	A 90 Broncho-pneumonia	A 91 Primary atypical other & unspecified pneumonia													
Livingston rural	2	4	4	-	1	-	-	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Howell	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Luce rural	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newberry	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mackinac rural	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Ignace	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nacomb rural	3	14	13	1	3	1	1	17	5	10	2	1	1	1	1	2	-	-	-	-	-	-	-	-
Mt. Clemens	3	2	1	1	-	-	-	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Centerline	1	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Detroit	-	2	1	1	1	-	-	4	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Roseville	2	-	-	-	-	-	1	4	1	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Romeo	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair Shores	-	-	-	-	3	-	-	2	1	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Manistee rural	-	2	2	-	-	-	-	3	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Manistee	-	1	1	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marquette rural	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ishpeming	-	1	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marquette	-	3	3	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negaunee	1	1	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mason rural	-	1	1	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ludington	1	3	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mecosta rural	1	6	6	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Rapids	1	2	2	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Menominee rural	-	6	6	-	1	-	1	1	2	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Menominee	-	2	2	-	-	-	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Midland rural	2	3	3	-	-	-	1	3	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Midland	1	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missaukee	-	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe rural	6	15	12	3	1	-	-	20	10	7	3	1	1	1	-	-	-	-	-	-	-	-	-	-
Monroe	5	7	3	4	1	-	-	5	2	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-
Montcalm rural	3	8	8	-	2	-	-	5	8	1	4	3	-	1	-	-	-	-	-	-	-	-	-	-
Greenville	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montmorency	-	1	1	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Muskegon rural	2	10	7	3	1	-	-	10	3	4	3	3	3	1	-	-	-	-	-	-	-	-	-	-
Muskegon	5	14	13	1	1	-	3	12	6	3	4	3	3	1	-	-	-	-	-	-	-	-	-	-
Muskegon Hts.	2	-	-	-	-	-	-	4	4	1	4	2	2	-	-	-	-	-	-	-	-	-	-	-
Newaygo rural	-	4	4	-	2	-	-	6	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fremont	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oakland rural	14	45	43	2	3	3	2	25	4	18	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Birmingham	1	4	3	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ferndale	6	1	1	-	2	-	-	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pontiac	6	11	9	2	5	1	-	13	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rochester	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkley	1	2	1	1	-	1	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Clawson	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pleasant Ridge	-	2	1	1	-	5	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Royal Oak	2	10	10	-	5	1	1	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceana	1	14	13	1	1	-	-	3	2	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Ogemaw	-	1	1	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ontonagon	1	2	2	-	1	-	-	1	1	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-
Osceola	-	9	8	1	2	-	1	6	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Oscoda	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Otsego	-	1	1	-	-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa rural	2	9	8	1	-	-	5	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Haven	-	3	2	1	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holland	-	5	5	-	1	-	-	1	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Zeeland	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presque Isle rural	-	3	3	-	-	-	1	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rogers City	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roscommon	-	2	-	2	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saginaw rural	4	15	14	1	1	2	-	14	9	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Saginaw	12	19	15	4	1	-	1	13	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanilac	4	9	9	-	2	-	-	3	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Schoolcraft rural	1	1	1	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manistique	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiawassee rural	4	14	14	-	1	-	1	5	2	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Durand	-	2	2	-	-	-	-	5	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Owosso	3	8	7	1	-	-	-	5	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair rural	5	11	11	-	1	-	-	15	4	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Marine City	-	-	-	-	-	-	-	5	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port Huron	6	6	3	3	1	-	2	12	2	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Clair	-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Joseph rural	1	3	2	1	-	-	1	7	3	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Sturgis	1	3	3	-	-	-	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Three Rivers	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuscola rural	6	9	9	-	1	1	-	8	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Caro	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Van Buren rural	4	20	20	-	1	3	1	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Haven	-	5	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washtenaw rural	1	10	9	1	2	1	1	13	2	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Ann Arbor	3	9	6	3	1	-	-	6	2	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Ypsilanti	1	3	3	-	-	-	-	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayne rural	5	19	16	3	3	1	1	22	3	12	7	1	1	-	-	-	-	-	-	-	-	-	-	-
Ecorse	1	3	3	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamtramck	5	11	9	2	2	-	-																	

TABLE 6 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	NEPHRITIS & NEPHROSIS								MATERNAL DEATHS													
	A106 Cirrhosis of liver	A106 Cholelithiasis & cholecystitis	A107 Other diseases of digestive system	Total	A108 Acute nephritis	A109 Chronic, other & unspecified nephritis	591 Nephritis with edema, including nephrosis	592-594 Chronic & unspecified nephritis & other renal sclerosis	A110 Infections of kidney	A111 Calculi of urinary system	A112 Hyperplasia of prostate	A114 Other diseases of genito-urinary system	Total	A115 Sepsis of pregnancy, childbirth & puerperium	A116 Toxemias of pregnancy & puerperium	A117 Hemorrhage of pregnancy & childbirth	A119 Abortion with sepsis	A120 Other complications of pregnancy, childbirth & puerperium	A121 Infections of skin & subcutaneous tissue	A122 Arthritis & spondylitis	A123 Muscular rheumatism & rheumatism, unspecified	A124 Osteomyelitis & periostitis
STATE	616	253	293	1,004	68	936	62	874	123	43	211	157	91	11	28	21	4	27	9	67	2	8
Alcona	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alger rural	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Munising	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allegan rural	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allegan	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Otsego	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpena rural	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpena	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antrim	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arenac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Baraga rural	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L'Anse	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barry rural	-	-	-	-	6	6	6	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Hastings	1	-	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bay rural	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bay City	7	7	9	12	10	10	10	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzie	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berrien rural	3	4	3	20	2	18	1	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Benton Harbor	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Niles	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Joseph	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buchanan	2	1	-	3	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Branch rural	-	-	-	4	-	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coldwater	1	-	2	1	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cahoun rural	2	1	1	7	-	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Albion	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Battle Creek	7	1	4	7	-	7	7	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Marshall	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cass rural	-	1	1	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dowagiac	3	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlevoix rural	-	1	-	3	-	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Boyne City	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cheboygan rural	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cheboygan	2	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chippewa rural	-	-	1	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sault Ste. Marie	1	1	1	9	-	9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clare	1	-	1	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clinton rural	1	-	-	4	1	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Johns	1	-	-	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crawford	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta rural	1	-	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Escanaba	2	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gladstone	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dickinson rural	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron Mountain	-	-	1	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norway	1	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingsford	-	-	-	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eaton rural	1	4	1	7	-	7	-	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlotte	1	-	-	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Ledge	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Eaton Rapids	-	-	3	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emmet rural	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petoskey	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Genesee rural	4	3	6	9	3	6	1	5	1	1	3	1	1	1	1	1	1	1	1	1	1	1
Fenton	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flint	21	9	10	18	1	17	1	16	4	2	5	5	5	1	1	1	1	1	1	1	1	1
Gladwin	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gogebic rural	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bessemer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ironwood	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wakefield	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Traverse rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Traverse City	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Grafton rural	2	1	1	7	-	7	-	7	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Alma	1	1	-	3	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hillsdale rural	-	1	-	-	-	-	-	-	1	1	1	-	-	1	-	-	-	-	-	-	-	-
Hillsdale	-	1	-	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Houghton rural	2	1	1	6	-	6	-	6	1	-	1	3	-	-	-	-	-	-	-	-	-	-
Houghton	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laurium	-	-	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hancock	1	1	-	4	-	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Huron rural	3	3	1	5	-	5	1	4	1	1	-	1	1	1	1	1	1	1	1	1	1	1
Bad Axe	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ingham rural	2	1	4	16	1	15	1	14	-	-	3	-	-	1	-	-	-	-	-	-	-	-
Lansing	8	2	1	17	-	17	3	14</														

TABLE 6 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	Circulosis of liver			NEPHRITIS & NEPHROSIS						MATERNAL DEATHS													
	A105	A106	A107	Total	A108	A109	591	592-594	A110	A111	A112	A114	Total	A115	A116	A117	A119	A120	A121	A122	A123	A124	
Livingston rural	2	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Howell	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Luce rural	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newberry	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mackinac rural	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Ignace	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Macomb rural	4	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mt. Clemens	5	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Centerline	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Detroit	3	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roseville	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romeo	1	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair Shores	1	1	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manistee rural	1	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manistee	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marquette rural	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ishpeming	1	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marquette	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negaunee	3	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mason rural	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ludington	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Necosta rural	1	1	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Rapids	1	1	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Menominee rural	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Menominee	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Midland rural	1	1	1	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Midland	1	1	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missaukee	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe rural	2	1	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe	2	2	2	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montcalm rural	1	3	4	8	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenville	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montmorency	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Muskegon rural	3	2	2	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Muskegon	4	4	-	13	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Muskegon Hts.	-	-	-	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newaygo rural	2	1	1	4	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fremont	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oakland rural	10	5	4	14	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birmingham	1	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ferdale	-	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pontiac	9	2	3	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rochester	-	2	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clawson	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pleasant Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Royal Oak	4	2	1	4	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceana	2	3	-	7	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ogemaw	-	1	-	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ontonagon	-	-	1	4	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Osceola	3	-	-	9	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oscoda	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Otsego	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa rural	-	-	-	12	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Haven	1	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holland	2	2	-	4	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zeeland	1	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presque Isle rural	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rogers City	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roscommon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saginaw rural	4	2	6	9	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saginaw	7	2	3	17	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanilac	4	5	1	8	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Schoolcraft rural	-	1	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manistique	-	-	-	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiawassee rural	2	3	1	4	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Durand	2	-	-	4	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Owosso	1	2	1	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair rural	2	-	-	12	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine City	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port Huron	3	2	-	7	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Joseph rural	1	3	-	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sturgis	1	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Three Rivers	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuscola rural	2	1	2	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caro	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Van Buren rural	-	-	-	5	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Haven	2	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washtenaw rural	5	2	2	7	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ann Arbor	3	-	3	5	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ypsilanti	-	-	-	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayne rural	8	1	8	22	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecorse	1	1	2	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamtramck	14	2	4	14	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
River Rouge	1	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detroit	271	73	98	311	-	-	-	-	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Highland Park	8	1	3	3	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plymouth	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyandotte	2	1	2	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dearborn	12	4	5	13	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grosse Pt. Farms	-	-																					

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A125 Ankylosis & acquired musculoskeletal deformities	A126 All other diseases of skin & musculo-skeletal system	CONGENITAL MALFORMATIONS				A129 All other congenital malformations	A130 Birth injuries	A131 Postnatal sepsis & streptococci	A132 Infections of newborn	763 Pneumonia of newborn	764 Diarrhea of newborn	765-766 Other infections of newborn	A133 Hemolytic disease of newborn	A134 All other defined diseases of early infancy	A135 Ill-defined diseases peculiar to early infancy & immaturity unqualified	773 Ill-defined diseases	774-776 Immaturity	A136 Senility without mention of psychosis	A137 Ill-defined & unknown causes of mortality
			Total	A127 Spina bifida & meningocele	A128 Congenital malformations of circulatory system	A129 All other congenital malformations														
STATE	2	66	949	106	431	412	470	504	143	94	28	21	150	102	1,183	87	1,096	236	161	
Alcona	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alger rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Munising	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allegan rural	-	1	3	1	-	2	1	1	-	-	-	-	-	-	5	-	5	-	3	
Allegan	-	-	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
Otsego	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	
Alpena rural	-	-	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	
Alpena	-	-	3	-	1	2	-	2	1	1	-	-	-	-	4	-	4	-	4	
Antrim	-	-	4	1	2	1	-	-	-	-	-	-	-	-	2	-	2	-	2	
Arenac	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	
Baraga rural	-	-	2	2	1	1	1	1	-	-	-	-	-	-	1	-	1	-	2	
L'Anse	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
Barry rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hastings	-	-	1	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	1	
Bay rural	-	-	4	1	-	2	1	2	1	1	-	-	-	2	-	-	2	-	3	
Bay City	-	-	12	-	5	7	4	4	3	3	-	-	-	1	0	0	0	-	4	
Benzie	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Berrien rural	-	1	13	3	9	1	3	7	-	-	-	-	-	-	13	1	12	1	3	
Benton Harbor	-	1	3	1	2	-	1	3	1	1	-	-	-	1	3	3	3	-	-	
Niles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	1	1	
St. Joseph	-	-	2	1	1	-	-	-	-	-	-	-	-	1	1	1	1	3	1	
Buchanan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-	
Branch rural	-	-	1	-	-	1	3	-	-	-	-	-	-	-	4	4	4	1	1	
Coldwater	-	-	-	-	-	1	1	1	1	-	-	-	-	-	2	2	2	-	-	
Calhoun rural	-	-	8	-	4	4	3	4	2	2	-	-	-	2	10	2	8	1	6	
Albion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-	
Battle Creek	-	-	10	1	6	3	2	5	1	1	-	-	-	-	8	1	7	2	3	
Marshall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	
Cass rural	-	-	1	-	-	1	1	1	2	2	-	-	-	1	6	1	5	-	2	
Dowagiac	-	-	1	-	1	-	-	-	1	1	-	-	-	-	4	4	4	-	1	
Charlevoix rural	-	-	-	-	-	1	1	4	-	-	-	-	-	1	3	1	2	-	-	
Boyne City	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheboygan rural	-	-	1	-	-	-	3	2	-	-	-	-	-	1	3	-	3	-	-	
Cheboygan	-	-	-	-	-	-	2	-	-	-	-	-	-	1	3	-	3	-	-	
Chippewa rural	-	-	1	1	1	1	1	1	1	1	-	-	-	1	1	1	-	2	1	
Sault Ste. Marie	-	1	6	1	2	3	3	3	-	-	-	-	-	1	8	3	8	-	-	
Clare	-	2	1	-	1	1	1	-	-	-	-	-	-	-	1	1	1	-	-	
Clinton rural	-	-	2	-	1	1	1	2	-	-	-	-	-	2	3	3	3	-	3	
St. Johns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	
Crawford	-	-	3	1	2	-	-	-	-	-	-	-	-	-	1	1	1	-	-	
Delta rural	-	-	1	-	-	1	1	-	-	-	-	-	-	-	1	1	1	-	-	
Escanaba	-	1	1	-	1	-	-	4	-	-	-	-	-	-	2	-	2	-	1	
Gladstone	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dickinson rural	-	1	2	1	-	1	-	-	-	-	-	-	-	-	2	-	2	-	-	
Iron Mountain	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Norway	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Kingsford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Easton rural	-	-	5	-	1	4	2	1	1	1	-	-	-	-	2	1	1	2	2	
Charlotte	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	1	-	1	
Grand Ledge	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	3	-	1	
Eaton Rapids	-	1	1	-	1	-	-	-	-	-	-	-	-	-	3	-	3	2	4	
Emmet rural	-	-	1	-	1	-	-	2	-	-	-	-	-	1	3	3	3	-	1	
Petoskey	-	-	3	1	-	2	1	-	1	1	-	-	-	-	1	1	1	-	-	
Genesee rural	-	2	14	3	3	8	7	4	2	2	-	-	3	3	23	3	20	5	1	
Fenton	-	-	-	-	-	-	-	1	1	1	-	-	-	-	1	1	1	-	-	
Flint	-	2	24	1	11	12	14	8	3	2	-	-	2	3	43	5	36	10	4	
Gladwin	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
Gogebic rural	-	-	1	-	1	-	1	-	-	-	-	-	-	-	1	1	1	6	2	
Bessemer	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	1	
Ironwood	-	-	4	1	3	-	3	2	-	-	-	-	-	-	1	1	2	2	3	
Wakefield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grand Traverse rural	-	-	2	-	-	2	1	1	-	-	-	-	-	1	1	1	1	-	-	
Traverse City	-	-	4	1	2	1	1	1	1	1	-	-	-	-	5	5	5	4	5	
Grafton rural	-	-	1	-	1	1	2	-	1	1	-	-	-	2	2	1	4	-	2	
Alma	-	-	3	-	2	-	-	-	-	-	-	-	-	-	3	1	2	-	-	
St. Louis	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hillsdale rural	-	-	1	-	-	1	-	3	2	1	1	-	-	1	6	3	3	3	3	
Hillsdale	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	1	1	
Houghton rural	-	-	4	-	2	2	2	-	-	-	-	-	-	2	3	2	1	3	2	
Houghton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Laurium	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	1	1	1	2	
Hancock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	2	3	
Huron rural	-	-	3	-	3	-	-	1	-	-	-	-	-	2	6	6	6	4	3	
Bad Axe	-	-	2	1	1	-	-	-	-	-	-	-	-	-	4	-	4	-	-	
Ingham rural	-	-	6	1	4	1	2	9	-	-	-	-	-	4	8	8	8	1	-	
Lansing	-	1	23	1	14	8	2	9	1	-	1	-	6	3	9	1	8	-	2	
East Lansing	-	-	2	-	1	1	4	3	-	-	-	-	1	1	1	-	1	-	-	
Mason	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	2	
Ionia rural	-	1	4	-	3	1	-	1	-	-	-	-	-	1	6	2	6	2	2	
Belding	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	1	2	-	
Ionia	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	1	
Iosco	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Iron rural	-	-	1	-	-	-	1	-	1	1	-	-	-	-	-	-	-	1	2	
Iron River	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Crystal Falls	-	-	-																	

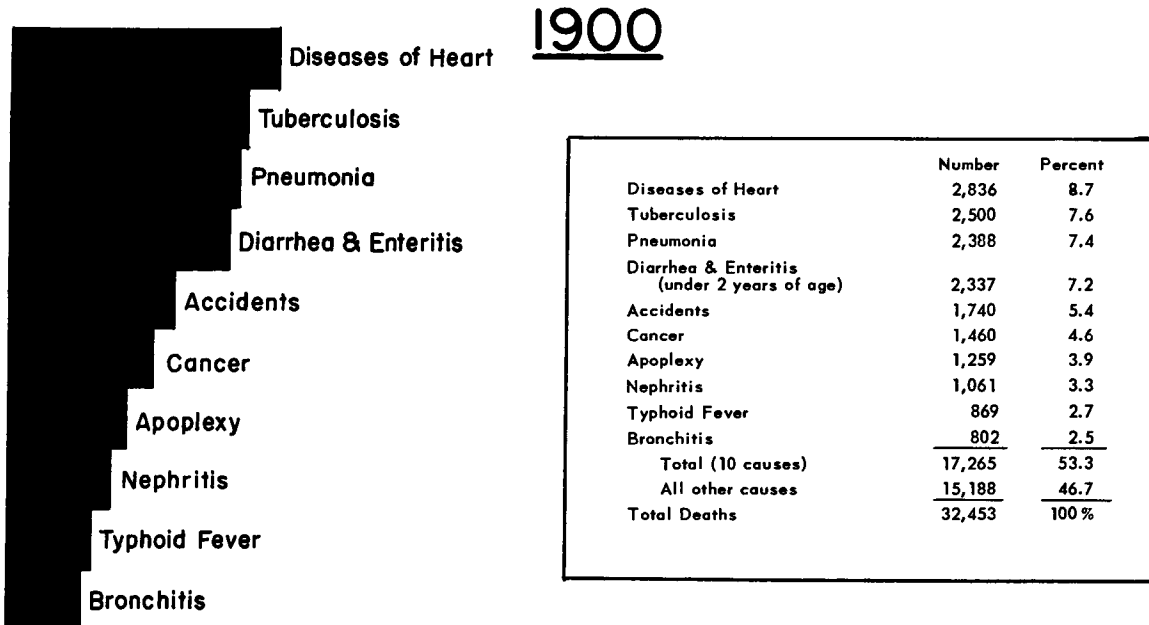
TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	Total	A C C I D E N T S											AE149 Homicide & injury purposely inflicted by other persons (not in war)	AE150 Injury resulting from operations of war
		AE138 Motor vehicle accidents	AE139 Other transport accidents	AE140 Accidental poisoning	AE141 Accidental falls	AE142 Accident caused by machinery	AE143 Accident caused by fire & explosion of combustible material	AE144 Accident caused by electric force, steam, & radiation	AE145 Accident caused by firearm	AE146 Accidental drowning & submersion	AE147 All other accidental causes	AE148 Suicide & self-inflicted injury		
STATE	3,783	1,680	180	127	901	66	257	36	45	154	337	701	240	1
Alcona	6	4	-	-	1	-	-	-	-	-	1	-	-	1
Alcona rural	6	4	-	-	1	-	-	-	-	-	1	-	-	1
Algoning	6	1	2	-	3	-	-	-	-	-	4	1	-	-
Algoning rural	6	1	2	-	3	-	-	-	-	-	4	1	-	-
Allegan	28	12	-	-	9	-	1	-	-	-	4	4	-	-
Allegan rural	28	12	-	-	9	-	1	-	-	-	4	4	-	-
Alpena	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Alpena rural	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Alpena rural	6	3	-	-	-	-	-	-	-	1	2	2	-	-
Alpena	9	5	1	-	1	-	2	-	-	-	-	2	1	-
Antrim	8	3	-	-	2	-	-	-	-	-	3	1	1	-
Antrim rural	8	3	-	-	2	-	-	-	-	-	3	1	1	-
Arenac	2	1	-	-	1	-	-	-	-	-	-	2	-	-
Arenac rural	2	1	-	-	1	-	-	-	-	-	-	2	-	-
Baraga rural	8	-	1	1	3	-	-	-	1	1	1	1	-	-
L'Anse	1	-	-	-	1	-	-	-	-	-	-	-	-	-
L'Anse rural	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Barry rural	17	6	2	1	5	1	-	-	-	1	1	3	-	-
Hastings	2	1	-	-	1	-	-	-	-	-	-	-	-	-
Hastings rural	2	1	-	-	1	-	-	-	-	-	-	-	-	-
Bay rural	27	13	1	-	5	2	1	1	1	2	1	5	3	-
Bay City	34	14	-	1	9	1	6	-	-	2	1	5	-	-
Bay City rural	34	14	-	1	9	1	6	-	-	2	1	5	-	-
Benzie	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Benzie rural	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Berrien rural	60	23	4	-	16	2	3	-	-	5	7	8	4	-
Benton Harbor	16	5	3	1	3	-	2	-	-	-	2	1	3	-
Benton Harbor rural	16	5	3	1	3	-	2	-	-	-	2	1	3	-
Niles	16	5	5	3	-	-	1	-	-	-	2	2	-	-
Niles rural	16	5	5	3	-	-	1	-	-	-	2	2	-	-
St. Joseph	4	3	-	-	-	-	-	-	-	-	1	1	-	-
St. Joseph rural	4	3	-	-	-	-	-	-	-	-	1	1	-	-
Buchanan	3	1	-	-	6	-	-	-	-	1	-	4	-	-
Buchanan rural	3	1	-	-	6	-	-	-	-	1	-	4	-	-
Branch rural	18	9	-	-	-	-	2	-	-	-	-	1	1	-
Coldwater	3	-	-	-	-	-	1	-	-	-	2	4	-	-
Coldwater rural	3	-	-	-	-	-	1	-	-	-	2	4	-	-
Calhoun rural	50	23	-	2	11	8	8	-	1	2	3	10	-	-
Albion	12	6	1	-	3	-	-	-	-	1	1	1	-	-
Albion rural	12	6	1	-	3	-	-	-	-	1	1	1	-	-
Battle Creek	42	22	2	-	12	-	2	-	1	2	1	5	3	-
Battle Creek rural	42	22	2	-	12	-	2	-	1	2	1	5	3	-
Marshall	7	3	1	-	2	-	1	-	-	-	-	1	-	-
Marshall rural	7	3	1	-	2	-	1	-	-	-	-	1	-	-
Cass rural	10	5	-	-	2	-	2	1	-	-	-	2	-	-
Dowagiac	8	3	-	-	2	-	3	-	-	-	-	-	-	-
Dowagiac rural	8	3	-	-	2	-	3	-	-	-	-	-	-	-
Charlevoix rural	10	7	-	-	1	-	-	-	-	-	2	-	-	-
Boyetown	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Boyetown rural	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Cheboygan rural	10	5	-	1	2	-	2	-	-	-	2	-	-	-
Cheboygan	4	1	-	-	2	-	-	-	-	-	1	-	-	-
Cheboygan rural	4	1	-	-	2	-	-	-	-	-	1	-	-	-
Chippewa rural	9	4	-	1	2	-	-	-	-	-	2	-	-	-
Sault Ste. Marie	8	1	-	1	3	-	2	-	-	1	1	1	-	-
Sault Ste. Marie rural	8	1	-	1	3	-	2	-	-	1	1	1	-	-
Clare	12	4	1	1	3	-	1	-	-	-	2	3	1	-
Clare rural	12	4	1	1	3	-	1	-	-	-	2	3	1	-
Clinton rural	24	12	2	1	6	-	-	-	-	2	1	3	-	-
St. Johns	3	2	-	-	1	-	-	-	-	-	-	2	-	-
St. Johns rural	3	2	-	-	1	-	-	-	-	-	-	2	-	-
Crawford	2	-	-	-	1	-	1	-	-	-	-	-	-	-
Crawford rural	2	-	-	-	1	-	1	-	-	-	-	-	-	-
Delta rural	12	6	-	2	1	-	-	-	-	2	-	-	-	-
Delta rural	12	6	-	2	1	-	-	-	-	2	-	-	-	-
Escanaba	15	2	1	-	6	-	2	1	1	1	1	-	-	-
Escanaba rural	15	2	1	-	6	-	2	1	1	1	1	-	-	-
Gladstone	5	2	-	1	1	-	-	-	-	-	1	1	-	-
Gladstone rural	5	2	-	1	1	-	-	-	-	-	1	1	-	-
Dickinson rural	2	1	-	1	-	-	-	-	-	-	-	3	-	-
Iron Mountain	7	3	1	-	2	-	-	1	-	-	-	1	-	-
Iron Mountain rural	7	3	1	-	2	-	-	1	-	-	-	1	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norway rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingsford	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingsford rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eaton rural	19	9	-	1	3	1	3	-	-	1	1	2	-	-
Eaton rural	19	9	-	1	3	1	3	-	-	1	1	2	-	-
Charlotte	4	1	-	-	2	-	-	-	-	-	1	1	-	-
Charlotte rural	4	1	-	-	2	-	-	-	-	-	1	1	-	-
Grand Ledge	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Grand Ledge rural	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Eaton Rapids	2	-	-	-	-	-	1	-	-	-	-	1	-	-
Eaton Rapids rural	2	-	-	-	-	-	1	-	-	-	-	1	-	-
Emmet rural	4	3	-	1	1	-	-	-	-	-	-	-	-	-
Emmet rural	4	3	-	1	1	-	-	-	-	-	-	-	-	-
Petoskey	3	-	-	-	-	-	-	1	-	-	1	2	1	-
Petoskey rural	3	-	-	-	-	-	-	1	-	-	1	2	1	-
Genesee rural	62	41	3	-	7	-	-	1	1	3	6	9	1	-
Genesee rural	62	41	3	-	7	-	-	1	1	3	6	9	1	-
Fenton	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Fenton rural	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Flint	79	39	5	4	14	-	4	-	-	6	7	13	4	-
Flint rural	79	39	5	4	14	-	4	-	-	6	7	13	4	-
Gladwin	5	1	-	-	1	-	1	-	-	-	1	3	1	-
Gladwin rural	5	1	-	-	1	-	1	-	-	-	1	3	1	-
Gogebic rural	15	5	1	1	2	1	1	-	1	-	3	4	-	-
Bessemer	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Bessemer rural	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Ironwood	5	1	-	-	2	-	-	-	1	-	1	3	-	-
Ironwood rural	5	1	-	-	2	-	-	-	1	-	1	3	-	-
Wakefield	2	-	1	-	-	-	-	-	-	-	1	2	-	-
Wakefield rural	2	-	1	-	-	-	-	-	-	-	1	2	-	-
Grand Traverse rural	7	4	1	-	1	-	-	-	-	-	1	3	-	-
Traverse City	12	2	-	-	6	-	-	-	-	3	1	4	-	-
Traverse City rural	12	2	-	-	6	-	-	-	-	3	1	4	-	-
Gratiot rural	14	5	-	-	6	-	-	-	1	1	1	5	-	-
Alma	8	6	-	-	1	-	1	-	-	-	-	-	2	-
Alma rural	8	6	-	-	1	-	1	-	-	-	-	-	2	-
St. Louis	1	-	-	-	-	-	-	-	-	1	-	1	-	-
St. Louis rural	1	-	-	-	-	-	-	-	-	1	-	1	-	-
Hillsdale rural	32	11	-	-	7	-	9	-	1	2	2</			

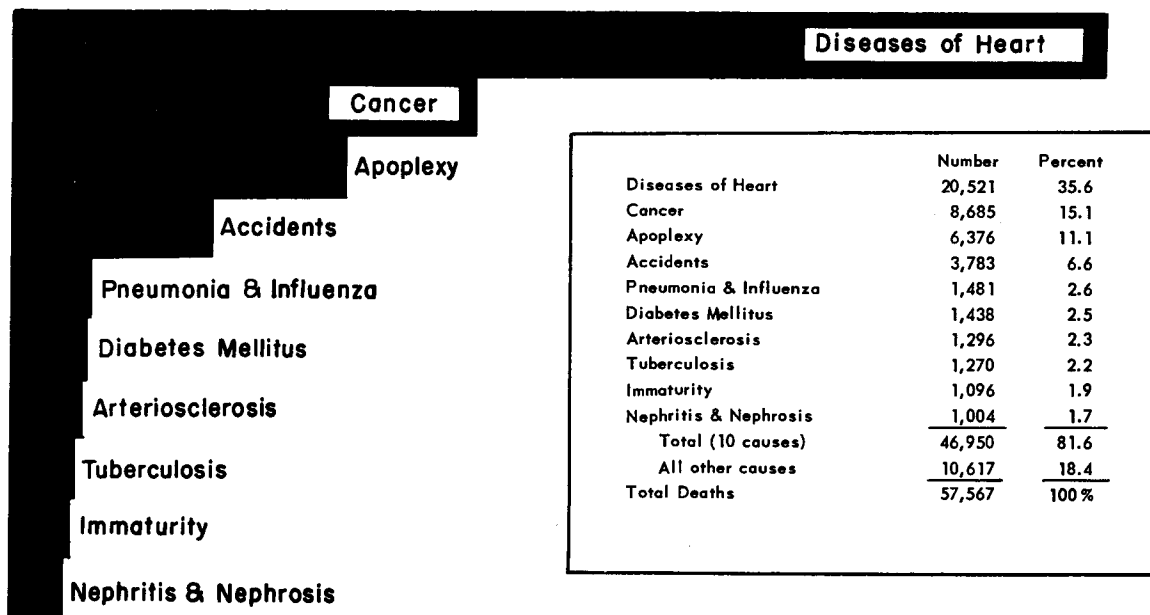
TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	Total	ACCIDENTS											AE148 Suicide & self-inflicted injury	AE149 Homicide & injury purposely inflicted by other persons (not in war)	AE150 Injury resulting from operations of war	
		AE138 Motor vehicle accidents	AE139 Other transport accidents	AE140 Accidental poisoning	AE141 Accidental falls	AE142 Accident caused by machinery	AE143 Accident caused by fire & explosion of combustible material	AE144 Accident caused by hot substance, corrosive liquid, steam, & radiation	AE145 Accident caused by firearm	AE146 Accidental drowning & submersion	AE147 All other accidental causes					
Livingston rural	22	11	1	-	7	1	-	-	1	-	-	1	3	-	-	-
Howell	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Luce rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newberry	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Mackinac rural	4	1	-	-	2	-	-	-	-	-	1	-	1	-	-	-
St. Ignace	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Macomb rural	56	28	2	3	9	1	-	-	-	-	3	9	2	3	-	-
Mt. Clemens	11	1	-	-	3	-	2	-	-	-	-	-	2	-	-	-
Centerline	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Detroit	8	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-
Roseville	6	5	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Romeo	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Clair Shores	13	2	2	-	3	-	4	1	-	-	-	-	1	3	1	-
Manistee rural	7	3	1	-	-	-	1	-	1	-	-	1	5	2	-	-
Manistee	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Marquette rural	12	6	-	-	2	-	1	-	-	-	-	3	3	1	-	-
Ishpeming	2	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-
Marquette	13	7	-	-	4	-	-	-	1	-	-	1	2	1	-	-
Negaunee	1	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-
Mason rural	6	-	-	-	3	-	1	1	1	-	-	1	1	-	-	-
Ludington	6	-	-	-	2	-	-	1	1	-	-	-	-	-	-	-
Mecosta rural	9	4	-	-	1	2	1	-	-	-	-	1	1	-	-	-
Big Rapids	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Menominee rural	6	1	-	-	4	-	-	-	-	-	-	1	3	-	-	-
Menominee	7	2	1	-	1	2	6	-	-	-	-	-	1	-	-	-
Midland rural	22	8	1	1	1	2	6	-	-	-	-	3	3	-	-	-
Midland	11	4	1	-	2	-	2	-	-	-	1	1	3	-	-	-
Missaukee	7	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Monroe rural	40	21	1	-	3	-	8	1	-	-	2	4	5	-	-	-
Monroe	14	6	-	1	4	-	-	-	-	-	-	6	-	-	-	-
Montcalm rural	17	7	-	-	3	-	4	-	-	-	-	3	6	1	-	-
Greenville	9	4	2	-	2	-	-	1	-	-	-	-	-	-	-	-
Montmorency	4	-	-	-	1	-	-	-	-	-	2	1	1	-	-	-
Muskegon rural	30	12	-	-	7	1	3	-	2	-	-	5	8	2	-	-
Muskegon	28	9	1	-	13	2	1	-	-	-	-	2	11	2	-	-
Muskegon Hts.	13	8	-	-	2	2	2	-	-	-	-	-	2	2	-	-
Newaygo rural	11	4	1	-	2	2	-	-	-	-	1	1	2	1	-	-
Fremont	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oakland rural	118	64	5	1	18	2	13	-	5	-	9	9	3	3	-	-
Birmingham	13	8	4	-	2	-	-	-	1	-	-	-	3	-	-	-
Ferdale	11	7	-	1	2	-	-	-	-	-	-	-	3	1	-	-
Pontiac	59	35	7	2	6	-	3	-	1	2	3	6	6	4	-	-
Rochester	5	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Berkley	4	2	-	-	1	-	1	-	-	-	-	-	1	-	-	-
Clawson	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Pleasant Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Royal Oak	23	8	1	2	5	1	1	-	1	1	3	2	2	1	-	-
Oceana	22	5	-	-	7	1	3	-	-	-	1	5	2	-	-	-
Ogemaw	3	1	-	-	1	-	1	-	-	-	-	1	1	-	-	-
Ontonagon	10	1	-	-	2	-	2	-	1	-	4	3	3	2	-	-
Osceola	9	5	-	-	2	-	2	-	-	-	-	-	-	-	-	-
Oscoda	5	1	-	1	1	-	-	-	-	-	2	-	-	-	-	-
Otsego	4	2	-	-	1	-	1	-	-	-	-	2	2	-	-	-
Ottawa rural	33	20	-	-	9	1	-	-	2	-	1	5	5	-	-	-
Grand Haven	5	3	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Holland	8	3	1	1	3	-	-	-	-	-	-	-	3	-	-	-
Zeeland	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Presque Isle rural	5	1	-	1	-	1	-	-	1	-	1	-	-	-	-	-
Rogers City	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roscommon	4	-	2	-	1	-	-	-	-	-	1	-	1	-	-	-
Saginaw rural	50	25	1	1	7	1	7	1	3	4	5	1	5	-	-	-
Saginaw	74	31	3	5	21	2	2	1	-	7	2	11	5	-	-	-
Sanilac	23	14	1	-	4	-	1	-	-	2	6	-	-	-	-	-
Schoolcraft rural	6	3	-	-	-	-	1	-	1	1	2	2	-	-	-	-
Manistique	6	2	-	1	2	-	-	-	-	-	1	1	-	-	-	-
Shiawassee rural	28	16	4	1	4	1	1	-	-	-	1	6	1	-	-	-
Durand	2	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-
Owosso	19	9	1	3	5	-	-	-	1	-	3	-	-	-	-	-
St. Clair rural	36	13	-	-	9	-	7	-	2	1	4	7	5	-	-	-
Marine City	4	2	-	-	1	-	-	-	1	-	1	1	-	-	-	-
Port Huron	25	6	-	-	8	-	1	-	1	4	3	4	2	-	-	-
St. Clair	8	1	-	3	2	-	-	-	1	1	1	1	4	-	-	-
St. Joseph rural	24	12	1	-	8	2	-	-	-	-	1	4	1	-	-	-
Sturgis	9	3	-	1	4	-	1	-	-	-	-	2	-	-	-	-
Three Rivers	9	5	-	1	1	-	-	-	1	-	-	3	-	-	-	-
Tuscola rural	26	13	3	-	5	-	-	-	2	2	1	5	-	-	-	-
Caro	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Van Buren rural	30	12	1	-	9	2	1	1	-	2	2	3	4	-	-	-
South Haven	7	2	-	-	1	-	1	-	-	1	2	1	1	-	-	-
Washtenaw rural	33	14	-	-	5	2	3	-	1	3	5	8	1	-	-	-
Ann Arbor	19	11	1	-	6	-	-	-	-	1	1	3	1	-	-	-
Ypsilanti	10	5	-	-	4	-	-	-	-	-	1	-	-	-	-	-
Wayne rural	87	44	3	6	8	3	2	3	1	3	14	21	1	-	-	-
Ecorse	9	3	-	2	2	-	2	-	-	-	-	2	-	-	-	-
Hamtramck	17	10	1	-	4	-	1	-	-	-	1	5	2	-	-	-
River Rouge	14	6	-	1	3	-	-	-	-	1	2	-	-	-	-	-
Detroit	883	373	43	41	240	12	54	13	7	30	70	187	127	-	-	-
Highland Park	14	6	-	1	5	-	-	1	-	1	-	4	3	-	-	-
Plymouth	8	4	-	-	2	-	1	-	1	-	-	1	1	-	-	-
Wyandotte	20	7	1	-	9	-	1	-	-	-	2	1	1	-	-	-
Dearborn	40	27	1	1	7	-	-	-	1	1	2	10	1	-	-	-
Grosse Pt. Farms	3	1	-	-	1	1	-	-	-	-	-	1	-	-	-	-
Grosse Pt. Park	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grosse Pt.	4	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Grosse Pt. Woods	6	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Inkster	10	8	-	-	-	-	-	-	-	-	1	1	1	-	-	-
Lincoln Park	8	3	1	1	1	-	-	-	-	-	2	5	-	-	-	-
Melvindale	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Northville	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Trenton	7	5	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Wayne	9	5	2	1	1	-	-	-	-	-	-	2	3	-	-	-
Allen Park	3	3	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Garden City	3	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-
Wexford rural	6	2	1	-	1	-	1	-	-	-	1	2	-	-	-	-
Cadillac	4	1	-	-	-	-	2	-	1	-	-	2	-	-	-	-

LEADING CAUSES OF DEATH IN MICHIGAN PERCENTAGE DISTRIBUTION



1950



Although heart disease has been the leading cause of death for the past half century, today it is proportionately 4 times as great a health problem as it was in 1900. Cancer has changed from the 6th leading cause of death in 1900 to second place in 1950. Heart disease and cancer together now account for half of all deaths in Michigan. Conversely tuberculosis has changed from 2nd position in 1900 to the 8th position in 1950, with the percentage of deaths now 1/3 less than 50 years ago.

TABLE 9 - LEADING CAUSES OF DEATH BY AGE GROUP
MICHIGAN, 1950

Under 1 Year		
Cause of Death	Number	%
All Causes	4,214	100
Immaturity	1,096	26.0
Congenital malformations	765	18.2
Postnatal asphyxia and atelectasis	504	12.0
Birth injuries	470	11.2
Pneumonia & influenza	289	6.9

1 - 4		
Cause of Death	Number	%
All Causes	683	100
Accidents	207	30.3
Congenital malformations	80	11.7
Pneumonia & influenza	78	11.4
Malignant neoplasms	53	7.8
Tuberculosis	26	3.8

5 - 14		
Cause of Death	Number	%
All Causes	592	100
Accidents	219	37.0
Malignant neoplasms	78	13.2
Acute poliomyelitis	51	8.6
Pneumonia & influenza	24	4.1
Rheumatic fever	17	2.9
Diseases of heart	17	2.9

15 - 24		
Cause of Death	Number	%
All Causes	1,116	100
Accidents	514	46.1
Tuberculosis	90	8.1
Malignant neoplasms	88	7.9
Suicide	42	3.8
Diseases of heart	38	3.4

25 - 34		
Cause of Death	Number	%
All Causes	1,609	100
Accidents	419	26.0
Malignant neoplasms	183	11.4
Diseases of heart	180	11.2
Tuberculosis	174	10.8
Suicide	96	6.0

35 - 44		
Cause of Death	Number	%
All Causes	2,980	100
Diseases of heart	758	25.4
Malignant neoplasms	537	18.0
Accidents	348	11.7
Tuberculosis	223	7.5
Vascular lesions of central nervous system	165	5.5

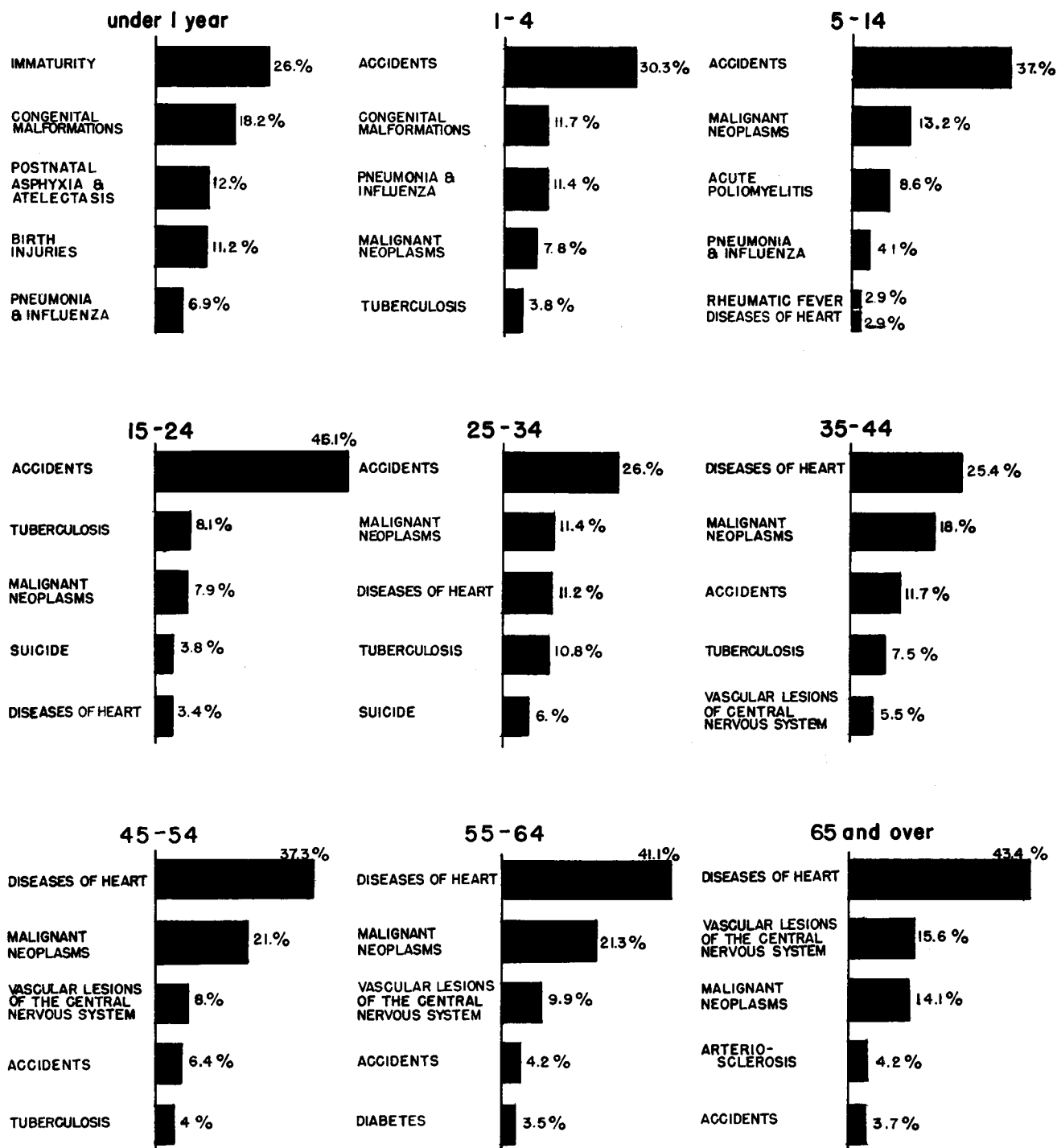
45 - 54		
Cause of Death	Number	%
All Causes	6,095	100
Diseases of heart	2,271	37.3
Malignant neoplasms	1,280	21.0
Vascular lesions of central nervous system	490	8.0
Accidents	390	6.4
Tuberculosis	241	4.0

55 - 64		
Cause of Death	Number	%
All Causes	10,839	100
Diseases of heart	4,459	41.1
Malignant neoplasms	2,311	21.3
Vascular lesions of central nervous system	1,069	9.9
Accidents	450	4.2
Diabetes	374	3.5

65 & Over		
Cause of Death	Number	%
All Causes	29,412	100
Diseases of heart	12,779	43.4
Vascular lesions of central nervous system	4,578	15.6
Malignant neoplasms	4,142	14.1
Arteriosclerosis	1,224	4.2
Accidents	1,080	3.7

LEADING CAUSES OF DEATH BY AGE

MICHIGAN- 1950



Heart disease is today the leading cause of death from age 35 on. Accidents are the leading cause of death in the earlier age groups with the exception of infants under 1 year of age. It is interesting to note that both accidents and malignant neoplasms appear among the 5 leading causes of death in all age groups one year and over; heart disease appears in all age groups 5 years and over.

TABLE 10 - DEATHS UNDER 5 YEARS BY CAUSE AND DETAILED AGE
MICHIGAN, 1950

(By place of residence. Exclusive of stillbirths. Cause of death classified according to Sixth Revision of International List, 1948, Intermediate List of 150 Causes with additional subdivisions indicated by detailed list numbers.)

CAUSE OF DEATH	Int. List No.	Under 5 Yrs	DAYS			DAYS			Under 1 Wk	MONTHS							Under 1 Yr	YEARS									
			Under 1 Day	1-6		Under 4 Wks	7-13	14-20		21-27	1	2	3	4	5	6		7	8	9	10	11	1	2	3	4	
				1	2			3-6																			1
ALL CAUSES		4,897	1,556	462	263	385	2,686	175	97	65	3,043	277	201	153	107	96	80	79	51	54	33	40	4,214	294	164	136	89
TUBERCULOSIS, ALL FORMS																											
Tuberculosis of respiratory system	A 1-A 5	35	-	-	-	-	-	-	1	-	1	-	1	1	1	1	1	1	1	1	1	1	9	7	5	10	4
Tuberculosis of meninges and central nervous system	A 1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	3	1	
Tuberculosis of bones and joints	A 2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	3	4	1	
Tuberculosis, all other forms	A 4	9	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	4	1	-	-	3	1
Congenital syphilis	A 6	2	1	1	1	1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Dysentery, all forms	A16	13	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7	2	2	2	-	
Streptococcal sore throat	A18	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	
Septicemia and pyemia	A20	13	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	10	1	1	1	1	
Diphtheria	A21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whooping cough	A22	28	-	-	-	-	-	-	-	-	5	3	1	2	1	2	1	1	1	1	1	15	7	1	3	2	
Meningococcal infections	A23	19	-	-	-	-	-	-	-	-	2	2	1	2	1	1	1	1	1	1	1	11	6	1	1	1	
Tetanus	A26	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Acute poliomyelitis	A28	12	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1	-	2	1	
Acute infectious encephalitis	A29	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Measles	A32	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	1	1	1	
Infectious hepatitis	A34	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
All other diseases classified as infective and parasitic	A43	14	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	9	4	1	-	-	
MALIGNANT NEOPLASMS, ALL FORMS																											
Malignant neoplasm of intestine, except rectum	A44-A49	65	2	-	-	-	2	-	-	-	2	1	1	1	1	1	1	1	1	1	1	12	8	19	18	8	
Malignant neoplasm of all other and unspecified sites	A47	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leukemia and leukemia sites	A57	26	2	-	-	-	2	-	-	-	2	1	1	1	1	1	1	1	1	1	1	7	3	9	3	4	
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic system	A58	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	6	11	4	
Leukemia and leukemia sites	A59	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	4	-	
Benign neoplasms and neoplasms of unspecified nature	A60	15	1	1	1	1	3	1	1	-	5	-	-	-	-	-	-	-	-	-	-	6	5	-	2	-	
Diabetes mellitus	A63	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Avitaminosis and other deficiency states	A64	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Anemias	A65	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	1	1	
Allergic disorders; all other endocrine, metabolic and blood diseases	A66	87	5	-	-	4	9	1	3	3	16	19	11	6	8	2	3	2	3	1	2	1	74	8	3	1	1
Mental deficiency	A69	8	1	-	-	-	1	-	2	-	3	2	1	1	2	-	2	-	-	-	-	3	3	1	1	1	
Vascular lesions affecting central nervous system	A70	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	3	1	1	-	
Nonmeningococcal meningitis	A71	41	1	-	-	-	1	1	1	5	6	4	2	2	1	2	2	2	2	2	2	25	9	2	5	-	
Epilepsy	A73	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Otitis media and mastoiditis	A77	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	
All other diseases of the nervous system and sense organs	A78	28	-	-	-	-	1	-	1	-	2	2	-	-	-	-	-	-	-	-	-	10	6	8	4	-	
Rheumatic fever	A79	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	
HEART DISEASE, ALL FORMS																											
Arteriosclerotic and degenerative heart disease	A80-A83	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
421-422 Nonrheumatic chronic endocarditis & other myocardial degeneration	A81	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other diseases of heart	A82	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other diseases of circulatory system	A86	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acute upper respiratory infections	A87	37	-	-	-	-	-	1	1	1	2	3	2	5	2	2	1	1	1	1	1	2	20	7	4	3	
Influenza	A88	29	-	-	-	-	-	-	1	1	2	3	3	1	1	1	1	1	1	1	1	17	6	1	1	4	
PNEUMONIA, ALL FORMS																											
Lobar pneumonia	A89-A91	338	-	-	-	-	-	-	-	-	-	47	47	48	29	29	15	21	11	11	6	8	272	31	13	9	
Bronchopneumonia	A89	46	-	-	-	-	-	-	-	-	6	1	7	3	4	2	5	4	3	1	1	37	3	3	2		
Primary atypical, other and unspecified pneumonia	A90	210	-	-	-	-	-	-	-	-	28	35	27	20	18	10	11	4	6	5	3	167	20	7	9		
Primary atypical, other and unspecified pneumonia	A91	82	-	-	-	-	-	-	-	-	13	11	14	6	7	3	5	3	2	2	2	68	8	3	2		

TABLE 10 - DEATHS UNDER 5 YEARS BY CAUSE AND DETAILED AGE (Continued)

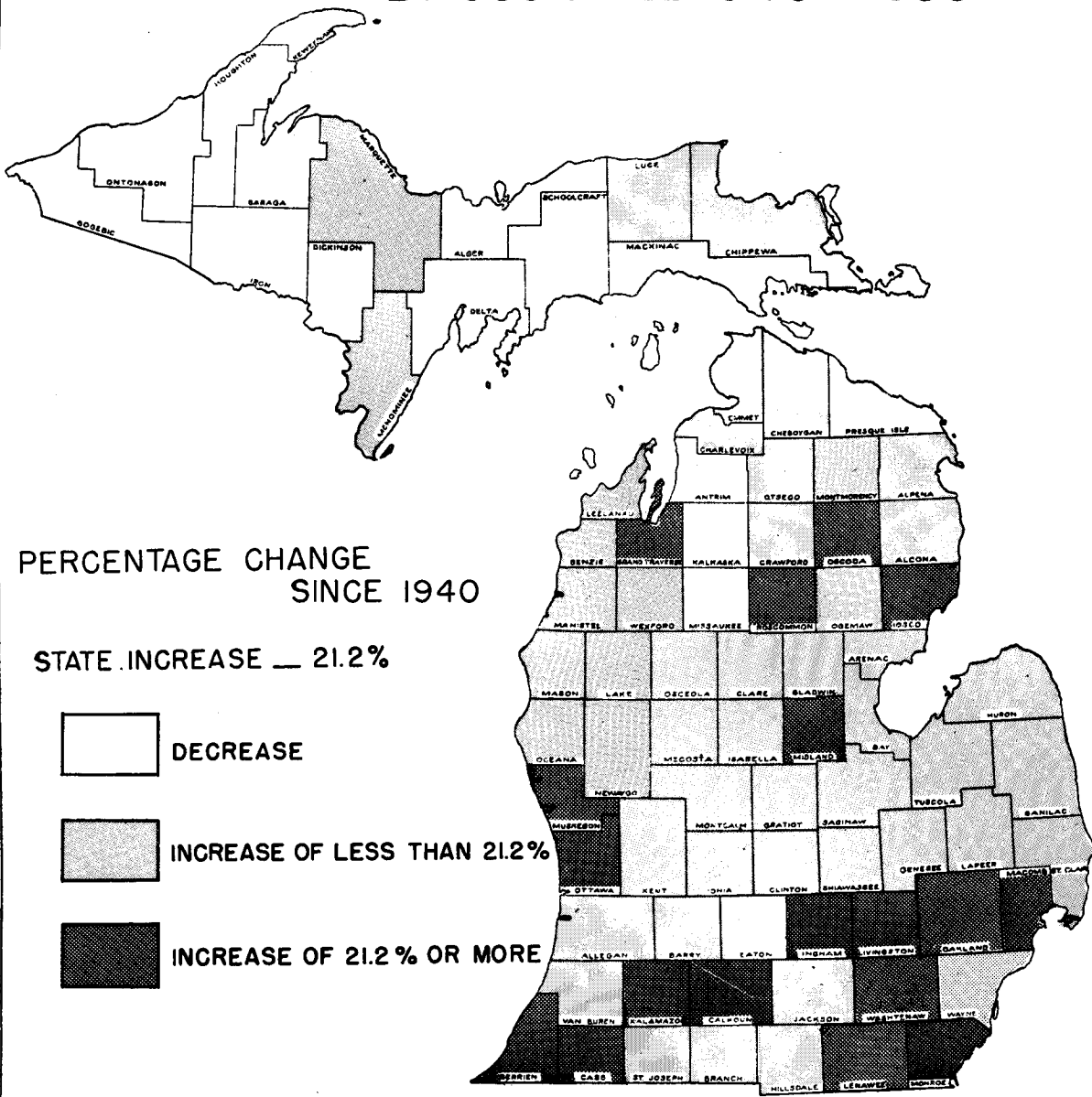
CAUSE OF DEATH	Int. List No.	Under 5 Yrs	DAYS			Under 1 Wk	DAYS			Under 4 Wks	MONTHS												Under 1 Yr	YEARS			
			Under 1 Day	3-6			7-13	14-20			21-27	1	2	3	4	5	6	7	8	9	10	11		1	2	3	4
				1	2			3-6	1																		
Acute bronchitis	A 92	19	-	-	-	-	-	-	-	-	3	1	2	2	1	2	1	1	11	4	3	1	-	-			
Bronchitis, chronic and unqualified	A 93	13	-	-	-	-	-	-	-	-	1	1	2	1	2	1	2	1	10	1	1	1	1	-			
Hypertrophy of tonsils and adenoids	A 94	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-			
All other respiratory diseases	A 97	20	1	-	-	-	-	-	-	-	2	1	2	1	1	1	1	1	12	7	1	-	-	-			
Diseases of teeth and supporting structures	A 98	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Ulcer of stomach	A 99	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Gastritis and duodenitis	A 101	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Appendicitis	A 102	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Intestinal obstruction and hernia	A 103	41	9	1	8	18	2	3	1	24	3	1	2	3	1	2	1	1	38	2	-	-	-	-			
Gastro-enteritis and colitis, except diarrhea of the newborn	A 104	113	-	-	-	-	-	-	-	-	23	10	9	13	10	11	5	3	93	16	3	-	-	-			
Cirrhosis of liver	A 105	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Other diseases of digestive system	A 107	28	1	-	2	3	-	-	1	4	4	3	2	3	2	1	1	1	22	2	2	1	1	-			
NEPHRITIS & NEPHROSIS, ALL FORMS	A 108-A 109	10	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	1	3	3	1	-			
Acute nephritis	A 108	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	1	-	-			
Chronic, other and unspecified nephritis	A 109	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
591. Nephritis with edema, including nephrosis																											
592-594 Chronic & unspecified nephritis & other renal sclerosis																											
Infections of kidney	A 110	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-			
Other diseases of genito-urinary system	A 114	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Ankylosis and acquired musculoskeletal deformities	A 125	2	-	-	-	1	1	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-			
All other diseases of skin and musculoskeletal system	A 126	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-			
CONGENITAL MALFORMATIONS, ALL FORMS	A 127-A 129	845	182	49	48	81	360	52	31	33	80	58	32	16	19	23	21	13	765	49	20	7	4	-			
Spina bifida and meningocele	A 127	106	18	3	4	12	37	5	10	5	11	6	7	2	1	5	3	1	99	4	2	1	-	-			
Congenital malformations of circulatory system	A 128	377	54	29	27	41	151	24	12	16	41	26	15	11	10	9	13	2	340	25	6	3	3	-			
All other congenital malformations	A 129	362	110	17	17	28	172	23	14	7	28	26	10	3	8	9	5	10	326	20	12	3	1	-			
Birth injuries	A 130	470	275	75	54	42	446	13	1	2	462	4	1	1	1	1	1	1	470	-	-	-	-	-			
Postnatal asphyxia and atelectasis	A 131	504	247	118	56	57	478	10	7	-	495	4	1	3	-	-	-	-	504	-	-	-	-	-			
Infections of the newborn	A 132	94	7	9	4	20	40	26	19	9	94	-	-	-	-	-	-	-	94	-	-	-	-	-			
763 Pneumonia of newborn																											
764 Diarrhea of newborn																											
765-768 Other infections of newborn																											
Hemolytic disease of newborn	A 133	21	-	1	2	4	7	8	3	2	20	1	-	-	-	-	-	-	28	-	-	-	-	-			
All other defined diseases of early infancy	A 134	150	59	12	21	42	134	3	1	2	140	2	2	3	-	-	-	-	21	-	-	-	-	-			
Ill-defined diseases peculiar to early infancy, and immaturity unqualified	A 135	102	34	12	11	20	77	1	1	4	83	5	4	5	2	1	1	1	149	1	1	-	-	-			
773 Ill-defined diseases																											
774-776 Immaturity																											
Ill-defined and unknown causes of mortality	A 137	15	685	171	79	85	1,022	32	2	5	1,061	21	7	3	1	3	1	1	1,096	1	-	-	-	-			
ACCIDENTS, ALL FORMS	AE138-AE147	356	1	-	-	4	5	3	5	4	17	24	24	16	12	11	13	4	149	74	57	46	30	-			
Motor vehicle accidents	AE138	84	-	-	-	-	-	-	-	-	2	-	1	3	1	-	-	-	13	13	19	21	18	-			
Other transport accidents	AE139	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	1	-			
Accidental poisoning	AE140	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	4	1	1	-			
Accidental falls	AE141	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	3	1	1	-			
Accident caused by machinery	AE142	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-			
Accident caused by fire and explosion of combustible material	AE143	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	20	10	9	4	-			
Accident caused by hot substance, corrosive liquid, steam, and radiation	AE144	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	3	1	-	-			
Accident caused by firearm	AE145	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	-			
Accidental drowning and submersion	AE146	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	10	8	4	1	-			
All other accidental causes	AE147	139	1	-	-	4	5	3	5	4	17	22	24	15	7	6	8	2	112	9	9	7	2	-			
Homicide and injury purposely inflicted by other persons (not in war)	AE149	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	-	-	-	-			

TABLE 11 - DEATHS UNDER 5 YEARS BY DETAILED AGE AND RESIDENCE
MICHIGAN, 1950

(Exclusive of stillbirths. Place of residence according to rural areas and urban incorporated areas having a 1940 population of 2,500 or more.)

AREA	Under 5 Yrs	Under 1 Day	DAYS			Under 1 Wk	DAYS			Under 4 Wks	MONTHS											Under 1 Yr	YEARS				
			1	2	3-6		7-13	14-20	21-27		1	2	3	4	5	6	7	8	9	10	11		1	2	3	4	
STATE	4,897	1,556	462	283	385	2,686	175	97	85	3,043	277	201	153	107	96	80	79	51	54	33	40	4,214	294	164	136	89	
Alcona	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alger rural	6	2	1	-	-	3	-	1	1	5	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	1
Munising	2	1	1	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Allegan rural	17	4	1	1	1	7	1	1	1	10	2	2	1	1	-	-	-	-	-	-	-	16	1	-	-	-	-
Allegan	3	-	-	-	2	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1
Otsego	4	1	-	1	-	2	-	-	1	3	-	-	-	-	-	-	-	1	-	-	-	4	-	-	-	-	-
Alpena rural	11	3	1	-	2	6	-	-	-	6	2	-	-	1	-	1	1	-	-	-	-	11	-	-	-	-	-
Alpena	11	6	1	-	1	8	-	-	1	9	-	-	-	1	-	1	-	-	-	-	-	10	-	-	-	-	1
Antrim	17	6	1	-	1	8	-	-	1	9	-	-	3	1	-	1	-	-	-	-	-	14	1	1	1	-	-
Arenac	4	1	-	1	-	2	-	-	-	2	-	-	-	1	-	-	-	-	-	-	1	4	-	-	-	-	-
Baraga rural	7	1	-	1	1	3	1	-	-	4	-	-	-	1	-	-	-	-	-	-	6	1	-	-	-	-	-
L'Anse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barry rural	13	4	1	-	2	7	-	-	-	7	1	1	-	-	-	-	-	-	-	-	-	9	1	2	-	-	1
Hastings	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bay rural	33	6	1	-	4	11	-	1	1	13	4	1	1	1	1	1	-	-	-	-	-	22	5	3	2	-	1
Bay City	44	12	4	2	6	24	2	1	1	28	1	2	2	1	-	-	-	-	-	-	-	34	5	1	2	-	2
Benzie	3	1	1	-	-	2	-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Berrien rural	56	17	3	3	4	27	-	2	-	29	2	4	1	1	2	2	1	-	3	-	1	46	5	2	1	-	2
Benton Harbor	19	4	2	-	2	8	2	-	2	12	2	-	1	1	-	-	-	-	-	-	-	16	7	-	-	-	1
Niles	8	3	-	-	1	4	-	-	-	4	-	-	1	-	-	1	-	-	-	-	-	7	-	-	-	-	-
St. Joseph	6	3	1	-	-	4	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
Buchanan	7	2	-	-	1	3	-	-	-	3	-	-	-	1	1	-	-	-	-	-	-	5	1	1	1	-	-
Branch rural	12	5	-	-	3	8	-	-	-	8	-	1	1	-	-	-	-	-	1	-	-	11	6	-	-	-	-
Coldwater	7	1	-	-	2	3	1	-	-	4	1	-	-	1	-	-	-	-	-	-	-	6	-	-	-	-	-
Calhoun rural	42	10	4	4	4	22	-	1	1	24	2	4	1	3	1	-	-	-	-	-	-	35	4	2	1	-	1
Albion	5	1	-	-	-	1	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Battle Creek	43	9	4	1	2	16	1	1	-	18	2	1	1	4	2	1	1	-	2	1	-	33	5	2	1	-	2
Marshall	3	2	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Cass rural	18	2	4	3	1	10	1	2	-	13	-	-	-	2	1	-	-	-	-	-	-	14	4	-	-	-	-
Dowagiac	17	3	2	-	-	5	1	1	-	7	2	-	2	1	-	1	-	-	1	-	-	14	1	1	1	-	-
Charlevoix rural	15	4	1	1	3	9	1	-	-	10	1	-	1	1	-	-	-	1	-	-	-	14	1	1	1	-	-
Boyne City	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cheboygan rural	10	5	-	-	1	6	1	-	1	8	-	-	-	-	-	-	-	-	1	-	-	9	1	-	-	-	-
Cheboygan	8	5	2	-	-	7	1	-	-	8	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-
Chippewa rural	15	-	1	1	-	2	-	4	1	7	1	-	1	2	-	2	-	-	-	-	2	15	-	-	-	-	-
Sault Ste. Marie	24	8	-	2	2	13	1	-	-	14	2	2	-	1	1	-	1	1	-	-	-	22	2	-	-	-	-
Clare	6	6	1	1	-	8	-	1	-	2	2	1	-	-	1	-	1	-	1	-	-	6	2	-	-	-	2
Clinton rural	18	3	1	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-
St. Johns	4	2	-	-	1	3	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Crawford	7	4	-	-	-	4	-	-	-	4	-	1	1	-	-	-	-	-	-	-	-	6	-	-	-	-	-
Delta rural	13	1	4	-	2	7	-	-	-	7	1	-	1	-	-	-	-	-	1	-	-	11	2	-	-	-	-
Escanaba	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Gladstone	4	2	-	-	-	2	-	-	1	3	-	-	-	1	-	-	-	-	-	-	-	4	-	-	-	-	-
Dickinson rural	4	1	-	1	1	3	-	-	1	4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Iron Mountain	4	1	-	-	1	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Norway	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Kingsford	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Eaton rural	20	5	1	-	-	6	1	-	-	3	3	1	-	1	2	-	1	-	-	-	-	15	2	2	-	-	1
Charlotte	6	2	-	1	-	3	-	-	-	3	1	-	1	-	-	-	-	-	-	-	-	5	5	-	-	-	-
Grand Ledge	6	1	2	1	-	4	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Eaton Rapids	2	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6	1	1	1	-	-
Emmet rural	8	2	-	1	1	4	1	-	-	5	1	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
Petoskey	9	1	2	1	1	5	1	-	2	6	-	-	1	-	-	-	-	-	-	-	-	7	-	-	-	-	-
Genesee rural	85	28	6	5	3	42	6	-	2	50	4	1	3	2	4	3	2	2	1	2	1	75	3	3	5	-	-
Fenton	4	1	2	-	-	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Flint	139	42	9	8	15	74	6	4	6	90	11	4	2	2	4	2	4	3	1	-	-	125	5	1	5	3	-
Gladwin	3	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Gogebic rural	3	1	-	1	1	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Bessemer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ironwood	12	4	3	2	2	11	-	-	-	11	1	-	-	1	-	-	-	-	-	-	-	12	-	-	-	-	-
Wakefield	2	-	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-
Grand Traverse rural	11	1	3	-	1	5	3	-	-	8	1	-	-														

CHANGES IN MICHIGAN POPULATION BY COUNTY — 1940 — 1950



Most of Michigan's 21.2% population increase during the past decade occurred in the lower peninsula, particularly in the lower half. Only 4 of the 68 counties in the lower peninsula, all located in the upper half, decreased in population whereas there were population decreases in 11 of the 15 counties in the upper peninsula. It is interesting to note that while Detroit increased by 13.9%, the surrounding counties of Oakland, Washtenaw, and Macomb increased by 55.9%, 66.6%, and 71.8%, respectively. Macomb county ranks highest among all counties with increases in population. Although the Wayne County increase was only 20.8% this represents more than 1/3 of the population increase in the State.

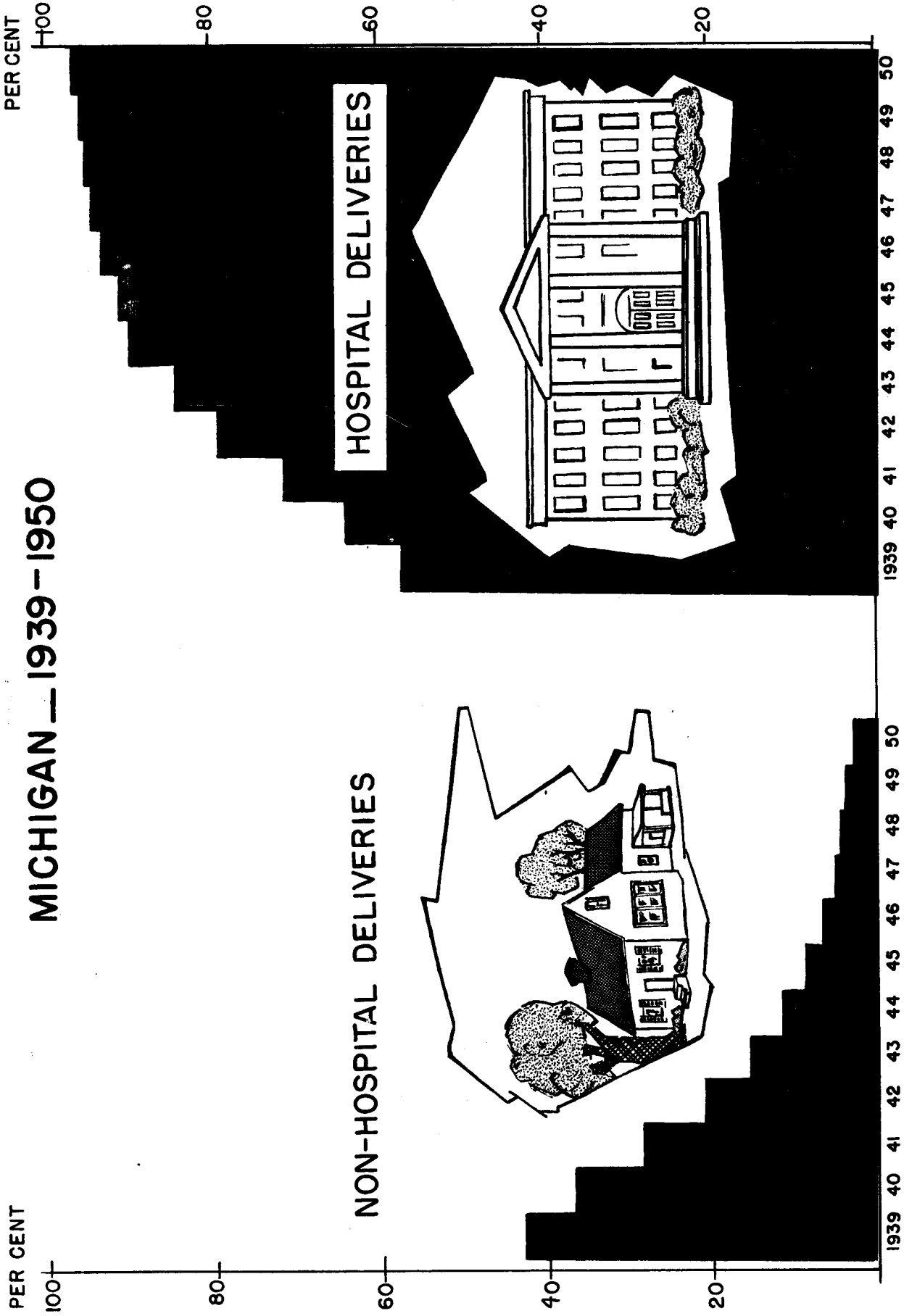
TABLE 12 - BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, DEATHS UNDER 4 WEEKS, MATERNAL DEATHS, MARRIAGES, AND DIVORCES, AND RATES BY COUNTY; POPULATION MICHIGAN, 1950

(Deaths exclusive of stillbirths. Births and deaths by county of occurrence and residence. Marriages by county of license. Divorces by county of decree. Birth rate, death rate, rate of persons married, and rate of persons divorced per 1,000 population. Death rates under 1 year, under 4 weeks, and maternal death rates per 1,000 live births.)

AREA	Apr. 1, 1950 Census of Population	O C C U R R E N C E				R E S I D E N C E							MARRIAGES		DIVORCES*				
		Live Births		Deaths		Live Births	Deaths				Number	Rate	Number	Rate					
		Number	Rate	Number	Rate		All Ages	Infant	Neonatal	Maternal									
STATE	6,371,766	159,870	25.1	57,390	9.0	160,055	25.1	57,567	9.0	4,214	26.3	3,043	19.0	91	0.6	58,180	18.3	15,979	5.0
Alcona	5,856	88	15.0	40	6.8	118	20.1	67	11.4	-	0	-	0	-	0	39	13.3	7	2.4
Alger	10,007	178	17.8	77	7.7	246	24.6	108	10.8	7	28.5	7	28.5	-	0	65	13.0	22	4.4
Allegan	47,493	927	19.5	431	9.1	1,162	24.5	493	10.4	22	18.9	15	12.9	-	0	341	14.4	94	4.0
Alpena	22,189	774	34.9	262	11.8	552	24.9	236	10.6	21	38.0	15	27.2	-	0	192	17.3	7	0.6
Antrim	10,721	103	9.6	98	9.1	241	22.5	147	13.7	14	58.1	9	37.3	-	0	84	15.7	19	3.5
Arenac	9,644	189	19.6	92	9.5	209	21.7	95	9.9	4	19.1	2	9.6	-	0	70	14.5	15	3.1
Baraga	8,037	76	9.5	64	8.0	156	19.4	106	13.2	6	38.5	4	25.6	-	0	61	15.2	10	2.5
Barry	26,183	538	20.5	240	9.2	571	21.8	272	10.4	9	15.8	7	12.3	-	0	205	15.7	41	3.1
Bay	88,461	2,496	28.2	833	9.4	2,354	26.6	828	9.4	56	23.8	41	17.4	-	0	919	20.8	182	4.1
Benzie	8,306	214	25.8	88	10.6	185	22.3	93	11.2	3	16.2	2	10.8	-	0	89	21.4	16	3.9
Berrien	115,702	2,715	23.5	1,152	10.0	2,791	24.1	1,172	10.1	79	28.3	53	19.0	2	0.7	1,172	20.3	311	5.4
Branch	30,202	592	19.6	356	11.8	588	19.5	340	11.3	17	28.9	12	20.4	-	0	181	12.0	77	5.1
Calhoun	120,813	3,126	25.9	1,302	10.8	2,851	23.6	1,205	10.0	74	26.0	46	16.1	2	0.7	1,157	19.2	429	7.1
Cass	28,185	402	14.3	258	9.2	561	19.9	310	11.0	28	49.9	20	35.7	-	0	206	14.6	63	4.5
Charlevoix	13,475	228	16.9	155	11.5	293	21.7	174	12.9	15	51.2	10	34.1	-	0	103	15.3	17	2.5
Cheboygan	13,731	414	30.2	144	10.5	336	24.5	149	10.9	17	50.6	16	47.6	-	0	132	19.2	20	2.9
Chippewa	29,206	852	29.2	274	9.4	775	26.5	285	9.8	37	47.7	21	27.1	2	2.6	300	20.5	47	3.2
Clare	10,253	87	8.5	98	9.6	274	26.7	111	10.8	6	21.9	2	7.3	-	0	87	17.0	24	4.7
Clinton	31,195	616	19.7	278	8.9	818	26.2	302	9.7	16	19.6	9	11.0	1	1.2	214	13.7	49	3.1
Crawford	4,151	297	71.5	59	14.2	99	23.8	33	7.9	4	40.4	3	30.3	-	0	30	14.6	6	2.9
Delta	32,913	878	26.7	357	10.8	857	26.0	369	11.8	18	21.0	12	14.0	-	0	301	18.3	42	2.6
Dickinson	24,844	628	25.3	262	10.5	489	19.7	240	9.7	10	20.4	9	18.4	-	0	302	24.3	30	2.4
Eaton	40,023	529	13.2	321	8.0	998	24.9	434	10.8	26	26.1	15	15.0	-	0	271	13.5	85	4.2
Emmet	16,534	614	37.1	274	16.6	439	26.6	205	12.4	13	29.6	11	25.1	1	2.3	117	14.2	18	2.2
Genesee	270,963	7,871	29.0	2,152	7.9	7,429	27.4	2,175	8.0	203	27.3	143	19.2	1	0.1	2,759	20.4	890	6.6
Gladwin	9,451	213	22.5	74	7.8	203	21.5	87	9.2	2	9.9	1	4.9	-	0	84	17.8	20	4.2
Gogebic	27,053	719	26.6	320	11.8	558	20.6	327	12.1	17	30.5	15	26.9	-	0	287	21.2	26	1.9
Grand Traverse	28,598	1,055	36.9	561	19.6	706	24.7	253	8.8	24	34.0	18	25.5	-	0	307	21.5	67	4.7
Gratiot	33,429	821	24.6	380	11.4	924	27.6	379	11.3	20	21.6	14	15.2	-	0	316	18.9	63	3.8
Hillsdale	31,916	530	16.6	356	11.2	695	21.8	396	12.4	20	28.8	14	20.1	2	2.9	218	13.7	66	4.1
Houghton	39,771	863	21.7	578	14.5	726	18.3	577	14.5	21	28.9	14	19.3	-	0	317	15.9	31	1.6
Huron	33,149	882	26.6	280	8.4	853	25.7	297	9.0	22	25.8	18	21.1	1	1.2	255	15.4	18	1.1
Ingham	172,941	5,321	30.8	1,440	8.3	4,594	26.6	1,390	8.0	102	22.2	81	17.6	3	0.7	1,784	20.6	565	6.5
Ionia	38,158	577	15.1	377	9.9	970	25.4	431	11.3	27	27.8	17	17.5	-	0	278	14.6	56	2.9
Iosco	10,906	127	11.6	88	8.1	229	21.0	117	10.7	3	13.1	-	0	-	0	108	19.8	5	0.9
Iron	17,692	436	24.6	174	9.8	374	21.1	193	10.9	9	24.1	8	21.4	-	0	173	19.6	20	2.3
Isabella	28,964	874	30.2	246	8.5	784	27.1	274	9.5	24	30.6	19	24.2	-	0	275	19.0	27	1.9
Jackson	107,925	2,724	25.2	1,121	10.4	2,533	23.5	1,088	10.1	75	29.6	59	23.3	4	1.6	906	16.8	363	6.7
Kalamazoo	126,707	3,369	26.6	1,414	11.2	3,286	25.9	1,143	9.0	77	23.4	63	19.2	1	0.3	1,194	18.8	379	6.0
Kalkaska	4,597	25	5.4	27	5.9	91	19.8	52	11.3	-	0	-	0	-	0	39	17.0	9	3.9
Kent	288,292	8,113	28.1	2,959	10.3	7,634	26.6	2,789	9.7	154	20.2	103	13.5	2	0.3	3,028	21.0	719	5.0
Keweenaw	2,918	2	0.7	27	9.3	45	15.4	45	15.4	-	0	-	0	-	0	12	8.2	3	2.1
Lake	5,257	27	5.1	34	6.5	93	17.7	68	12.9	3	32.3	2	21.5	-	0	31	11.8	15	5.7
Lapeer	35,794	441	12.3	333	9.3	758	21.2	341	9.5	16	21.1	11	14.5	1	1.3	296	16.5	63	3.5
Leelanau	8,647	6	0.7	61	7.1	181	20.9	95	11.0	1	5.5	1	5.5	-	0	44	10.2	7	1.6
Lenawee	64,629	1,852	28.7	573	8.9	1,681	26.0	678	10.5	46	27.4	37	22.0	1	0.6	469	14.5	140	4.3
Livingston	26,725	424	15.9	297	11.1	568	21.3	284	10.6	13	29.2	11	19.4	-	0	203	15.2	57	4.3
Luce	8,147	88	10.8	210	25.8	78	9.6	62	7.6	2	25.6	1	12.8	-	0	60	14.7	3	0.7
Mackinac	9,287	85	9.2	69	7.4	253	27.2	100	10.8	11	43.5	9	35.6	-	0	81	17.4	6	1.3
Macomb	184,961	2,883	15.6	1,107	6.0	5,258	28.4	1,330	7.2	124	23.6	80	15.2	2	0.4	1,447	15.6	408	4.4
Manistee	18,524	355	19.2	221	11.9	405	21.9	240	13.0	12	29.6	9	22.2	1	2.5	137	14.8	8	0.9
Marquette	47,654	1,139	23.9	493	10.3	1,060	22.2	497	10.4	32	30.2	25	23.6	-	0	448	18.8	50	2.1
Mason	20,474	418	20.4	195	9.5	450	22.0	225	11.0	12	26.7	9	20.0	-	0	180	17.6	25	2.4
Mecosta	18,968	320	16.9	202	10.6	470	24.8	224	11.8	11	23.4	9	19.1	-	0	168	17.7	41	4.3
Menominee	25,299	645	25.5	247	9.8	561	22.2	234	9.2	14	25.0	8	14.3	2	3.6	220	17.4	19	1.5
Midland	35,662	1,016	28.5	220	6.2	1,054	29.6	237	6.6	23	21.8	13	12.3	-	0	269	15.1	38	2.1
Missaukee	7,458	29	3.9	45	6.0	174	23.3	77	10.3	6	34.5	4	23.0	-	0	71	19.0	5	1.3
Monroe	75,666	1,541	20.4	551	7.3	1,955	25.8	635	8.4	53	27.1	39	19.9	2	1.0	887	23.4	91	2.4
Montcalm	31,013	1,128	36.4	375	12.1	703	22.7	365	11.8	25	35.6	16	22.8	-	0	297	19.2	74	4.8
Montmorency	4,125	11	2.7	31	7.5	90	21.6	40	9.7	4	44.4	2	22.2	-	0	30	14.5	5	2.4
Muskegon	121,545	3,216	26.5	998	8.2	3,354	27.6	1,043	8.6	95	28.3	63	18.8	1	0.3	1,164	19.2	265	4.4
Newaygo	21,567	575	26.7	206	9.6	534	24.8	230	10.7	10	18.7	7	13.1	-	0	154	14.3		

PERCENTAGE OF BIRTHS IN HOMES AND IN HOSPITALS

MICHIGAN — 1939 — 1950



The percentage of births occurring in hospitals has nearly doubled since 1939. During 1950, 97 out of every 100 babies were delivered in hospitals.

TABLE 13 - BIRTHS, DEATHS AND RATES BY PLACE OF OCCURRENCE AND RESIDENCE: BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, NUMBER BORN IN PLURAL BIRTHS, SEX, COLOR, ILLEGITIMACY, AND STILLBIRTHS BY PLACE OF RESIDENCE: DEATHS UNDER 1 YEAR, DEATHS UNDER 4 WEEKS, MATERNAL DEATHS, AND RATES BY PLACE OF RESIDENCE: POPULATION MICHIGAN, 1950

AREA	O C C U R R E N C E										R E S I D E N C E																		
	Live Births					Deaths					Live Births					Deaths													
	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate									
Apr. 1, 1950	6,371,766	159,870	25.1	57,390	9.0	160,065	25.1	3,349	61	159,686	369	155,078	4,673	104	82,040	78,015	146,154	13,901	4,425	3,095	57,567	9.0	4,214	26.3	3,043	19.0	91	0.6	
Alcona	5,856	86	15.0	40	6.8	118	20.1	-	-	117	216	93	25	62	56	116	146	13,901	4,425	3	67	11.4	5	0	0	0	0	0	
Alcona rural	5,666	5	0.9	27	4.8	121	21.3	-	-	120	332	116	5	53	68	121	146	13,901	4,425	2	61	10.8	5	41.3	5	41.3	0	0	
Alcona urban	4,339	173	39.9	50	11.5	125	28.8	4	-	125	239	125	5	59	66	124	146	13,901	4,425	2	395	10.8	16	16.7	10	10.4	0	0	
Alcona total	35,935	469	12.6	345	8.9	958	24.8	10	-	958	440	915	42	117	105	242	146	13,901	4,425	17	395	10.2	2	18.7	2	18.7	0	0	
Alcona rural	4,801	435	90.6	58	12.1	107	22.3	3	-	107	223	105	2	48	59	105	146	13,901	4,425	1	52	10.8	2	18.7	2	18.7	0	0	
Alcona urban	2,767	3	0.8	28	7.0	97	24.3	4	-	97	217	94	3	47	50	97	146	13,901	4,425	1	46	11.5	4	41.2	3	30.9	0	0	
Alcona total	7,568	6	0.7	51	5.6	220	24.3	6	-	216	443	214	6	122	98	220	146	13,901	4,425	1	88	9.7	11	50.0	6	27.3	0	0	
Alcona rural	13,185	768	58.5	211	16.1	332	25.3	8	-	332	332	331	1	152	180	332	146	13,901	4,425	6	140	11.3	10	30.1	9	27.1	0	0	
Alcona urban	10,721	103	9.6	98	9.1	241	22.5	4	-	239	202	207	34	115	126	239	146	13,901	4,425	6	140	11.3	10	30.1	9	27.1	0	0	
Alcona total	7,644	169	19.6	92	9.5	209	21.7	8	-	202	541	191	38	103	106	209	146	13,901	4,425	3	75	13.9	4	19.1	2	9.6	0	0	
Alcona rural	8,037	9	1.6	38	6.7	96	17.0	-	-	90	47	87	9	49	47	85	146	13,901	4,425	4	78	13.8	6	62.5	4	41.7	0	0	
Alcona urban	20,087	67	28.2	26	10.9	60	25.3	-	-	59	5	55	5	31	29	59	146	13,901	4,425	3	78	13.8	6	62.5	4	41.7	0	0	
Alcona total	6,096	53	61.4	129	21.2	130	21.3	2	-	130	440	129	4	66	64	130	146	13,901	4,425	5	198	11.8	9	20.4	7	15.9	0	0	
Alcona rural	82,771	47	1.3	190	5.3	617	22.7	16	2	607	10	770	47	421	396	817	146	13,901	4,425	10	272	12.1	22	26.9	13	15.9	0	0	
Alcona urban	52,323	2,449	46.6	643	12.2	1,537	29.3	36	4	1,536	1	1,484	53	790	747	1,521	146	13,901	4,425	39	586	10.6	34	22.1	28	18.2	0	0	
Alcona total	8,167	214	26.8	86	10.6	185	22.3	10	-	184	164	168	16	94	91	163	146	13,901	4,425	5	93	11.2	3	16.2	2	10.8	0	0	
Alcona rural	68,336	171	6.9	557	8.2	1,494	21.9	33	-	1,471	23	1,404	12	771	723	1,404	146	13,901	4,425	12	630	9.6	46	30.3	29	19.4	2	1.3	
Alcona urban	18,769	1,134	60.4	263	14.0	577	30.7	8	-	574	3	561	16	304	273	501	146	13,901	4,425	21	240	12.6	16	27.7	12	20.8	0	0	
Alcona total	13,185	174	58.9	182	11.8	356	27.1	6	-	356	26	354	2	171	185	344	146	13,901	4,425	3	194	10.2	7	19.7	4	11.2	0	0	
Alcona rural	5,223	323	31.6	121	11.8	236	23.1	2	-	236	234	234	2	124	112	236	146	13,901	4,425	2	114	11.2	5	21.2	3	23.4	0	0	
Alcona urban	10,223	129	5.6	128	24.5	128	24.5	2	-	127	1	123	4	59	69	123	146	13,901	4,425	5	94	14.4	14	28.7	7	32.3	0	0	
Alcona total	21,468	17	0.3	144	6.7	390	18.0	8	-	389	6	383	6	206	184	389	146	13,901	4,425	9	10	21.4	9	11	28.2	8	20.5	0	0
Alcona rural	8,194	583	67.6	166	19.3	198	23.0	2	-	198	1	198	-	93	105	198	146	13,901	4,425	4	126	14.7	6	30.3	4	20.2	0	0	
Alcona urban	55,964	11	0.2	358	6.4	1,222	21.8	34	-	1,222	171	109	62	88	74	170	146	13,901	4,425	6	80	9.9	9	52.6	8	46.8	0	0	
Alcona total	10,406	436	41.9	428	12.3	232	22.3	2	-	232	165	129	36	97	77	165	146	13,901	4,425	9	69	12.1	8	46.5	7	23.5	0	0	
Alcona rural	48,666	2,453	50.4	742	15.2	1,276	26.2	18	-	1,265	1	1,265	10	641	635	1,130	146	13,901	4,425	15	564	11.6	33	25.9	12	14.6	1	0.8	
Alcona urban	5,777	287	39.1	174	12.8	121	20.9	8	-	121	182	121	1	198	185	348	146	13,901	4,425	2	86	14.9	3	24.8	12	16.5	0	0	
Alcona total	21,643	371	3.1	155	7.2	383	17.7	13	-	382	1	353	29	1	198	185	348	146	13,901	4,425	4	216	10.9	14	56.6	12	33.3	0	0
Alcona rural	6,542	395	51.2	103	15.7	178	27.2	2	-	178	1	176	2	106	72	158	146	13,901	4,425	5	94	14.4	14	28.7	7	32.3	0	0	
Alcona urban	7,752	212	20.3	131	12.5	222	21.3	4	-	220	2	204	18	111	111	215	146	13,901	4,425	6	135	12.9	14	43.1	10	45.0	0	0	
Alcona total	3,028	16	5.3	71	23.4	71	23.4	-	-	71	57	14	-	30	41	71	146	13,901	4,425	2	39	12.9	1	14.1	-	0	0	0	
Alcona rural	2,695	61	7.6	42	5.2	171	21.3	5	-	171	109	62	-	88	74	170	146	13,901	4,425	6	80	9.9	9	52.6	8	46.8	0	0	
Alcona urban	8,044	353	62.1	102	17.9	165	29.0	2	-	165	129	36	-	97	77	165	146	13,901	4,425	7	69	12.1	8	46.5	7	23.5	0	0	
Alcona total	11,294	21	1.9	146	4.3	293	25.9	2	-	277	16	271	21	148	145	289	146	13,901	4,425	9	106	9.4	15	51.2	7	23.5	0	0	
Alcona rural	17,912	831	46.4	224	12.5	462	26.9	2	-	480	2	480	2	246	236	478	146	13,901	4,425	22	179	10.0	22	45.6	14	29.0	2	4.1	
Alcona urban	10,253	87	8.5	98	9.6	274	26.7	7	-	272	2	231	43	141	133	274	146	13,901	4,425	6	111	10.8	6	21.9	2	7.3	0	0	
Alcona total	26,241	20	0.8	157	6.0	694	26.4	23	-	693	693	674	20	352	342	694	146	13,901	4,425	14	237	9.0	14	20.2	2	11.5	1	1.4	
Alcona rural	4,954	596	120.3	151	14.4	124	25.0	-	-	123	1	123	1	65	59	124	146	13,901	4,425	5	35	13.1	2	16.1	4	11.5	0	0	
Alcona urban	4,151	297	71.5	87	24.2	99	23.6	-	-	98	1	98	1	47	52	99	146	13,901	4,425	5	33	7.9	4	40.4	3	30.3	0	0	
Alcona total	12,912	18	1.4	81	6.7	338	25.9	10	-	329	6	317	18	160	175	329	146	13,901	4,425	6	40	10.8	6	17.9	4	11.9	0	0	
Alcona rural	15,170	856	56.4	224	16.7	405	26.7	2	-	396	9	392	13	204	201	404	146	13,901	4,425	3	196	12.9	11	27.2	7	17.3	0	0	
Alcona urban	4,831	4	0.8	62	6.6	117	24.2	2	-	115	2	112	5	56	61	117	146	13,901	4,425	4	53	11.0	4	61.5	1	6.5	0	0	
Alcona total	6,869	7	1.0	62	6.6	117	24.2	2	-	115	2	112	5	56	61	117	146	13,901	4,425	4	53	11.0	4	61.5	1	6.5	0	0	
Alcona rural	9,679	386	39.9	136	14.1	168	19.4	4	-	187	1	183	5	88	100	188	146	13,901	4,425	2	112	11.6	4	31.5	3	23.3	0	0	
Alcona urban	3,258	232	71.2																										

TABLE 13 - BIRTHS, DEATHS AND RATES BY PLACE OF OCCURRENCE AND RESIDENCE: BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, NUMBER BORN IN PLURAL BIRTHS, SEX, COLOR, ILLICITIMACY AND STILLBIRTHS BY PLACE OF RESIDENCE: DEATHS, DEATHS UNDER 1 YEAR, MATERNAL DEATHS, AND RATES BY PLACE OF RESIDENCE: POPULATION (Continued)

AREA	O C C U R R E N C E										R E S I D E N C E											
	Live Births					Deaths					Live Births					Deaths						
	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate	Number	Rate	Number	Rate	Rate		
Apr. 1, 1950	11,624	4.8	115	9.9	233	346	336	10	3	346	343	3	4	6	101	8.7	10	28.9	8	23.1	0	0
Grand Traverse rural	16,974	58.7	213	12.5	233	360	359	1	3	360	359	1	7	2	152	9.0	14	36.9	10	27.8	0	0
Traverse City	21,741	1.6	188	7.3	233	615	582	35	3	615	616	1	7	16	253	11.6	13	21.1	9	14.6	0	0
State Hospital	6,341	93.9	190	22.8	233	221	216	4	3	221	222	0	3	2	64	10.1	6	27.0	6	27.0	0	0
Alma	3,347	1.2	32	9.6	233	65	61	4	2	65	65	0	3	1	36	12.5	1	11.9	1	11.9	0	0
St. Louis	24,619	2.2	211	8.6	233	536	531	6	2	536	539	1	11	4	305	12.4	16	29.7	12	22.3	1	1.9
Hillsdale rural	7,297	65.4	145	19.9	233	156	155	1	4	156	155	1	3	4	91	12.5	4	25.6	4	25.6	1	6.4
Hillsdale	27,508	1.2	250	9.1	233	462	437	25	6	462	467	12	12	10	380	13.9	13	21.6	8	17.1	0	0
Houghton	3,629	7.6	29	7.6	233	91	91	0	0	91	91	0	3	2	46	12.5	5	92.0	6	55.0	0	0
Lanark	3,211	97.8	119	37.1	233	54	54	1	1	54	54	0	1	2	59	18.4	2	92.0	3	26.3	0	0
Lansing	5,223	51.7	180	34.5	233	114	113	1	1	114	113	1	10	11	26	17.2	3	26.3	3	26.3	1	1.3
Huron rural	30,176	14.6	234	7.8	233	764	740	24	16	764	740	16	10	17	26	9.7	15	19.3	7	19.3	0	0
Huron	2,973	44.1	146.3	46	15.3	69	69	29	30	69	69	5	12	7	45	8.0	7	78.7	7	78.7	2	1.2
Ingham rural	56,973	180	3.2	275	4.8	1,640	1,622	18	30	1,640	1,622	18	16	32	458	8.1	40	24.4	40	24.4	28	17.1
Ingham	92,129	4,963	54.1	1,092	11.9	2,379	2,367	12	30	2,379	2,367	12	45	45	832	9.0	51	21.1	42	17.1	42	17.1
East Lansing	20,325	0	21	1.0	233	497	497	1	1	497	497	1	6	5	65	3.2	10	20.1	11	20.1	1	2.0
Mason	3,514	45.0	52	14.8	233	73	73	4	2	73	73	4	2	4	35	10.0	1	13.0	1	13.0	0	0
Ionia rural	24,503*	2.8	176	6.4	233	672	648	24	25	672	648	24	14	12	301	11.0	17	25.3	12	17.9	0	0
Ionia	4,436	61	15.1	41	9.2	65	65	3	2	65	65	3	14	12	301	11.0	17	25.3	12	17.9	0	0
Belding	6,412	61.7	123	19.2	233	206	204	2	4	206	206	3	3	2	80	12.5	5	24.3	2	9.7	0	0
Ionia State Hospital	2,807*	127	11.6	88	8.1	229	229	1	6	229	228	1	8	3	117	10.7	3	13.1	3	13.1	0	0
Portland	10,906	27.0	116	10.2	233	252	246	6	16	252	246	6	1	3	109	9.6	3	11.9	3	11.9	0	0
Iosco	13,644*	0.5	17	4.2	233	84	84	0	0	84	84	0	1	4	52	12.8	4	47.6	4	47.6	0	0
Iron rural	4,046	85.3	141	17.7	233	36	36	1	13	36	36	1	6	2	32	13.8	2	52.6	2	52.6	0	0
Iron River	17,571	49	2.6	110	6.3	447	447	46	10	447	447	16	6	8	194	11.0	16	40.3	14	31.3	0	0
Crystal Falls	11,393	825	72.4	126	11.1	337	337	2	10	337	336	1	6	5	80	7.0	6	17.8	5	14.8	0	0
Isabella rural	56,887	195	2.3	325	5.7	1,141	1,141	16	3	1,141	1,140	1	15	31	462	8.1	42	36.8	32	28.0	1	0.9
Isabella	51,060	2,595	50.8	787	13.6	1,392	1,385	7	30	1,392	1,385	7	45	28	626	12.3	33	23.7	27	19.4	3	2.2
Michigan State Home & Training School	69,003	245	3.6	352	5.1	1,801	1,787	14	32	1,801	1,792	9	11	40	515	7.5	33	18.3	27	15.0	0	0
Southern Mich. Prison	57,704	3,121	54.1	269	10	1,465	1,465	2	10	1,465	1,400	65	53	28	628	10.9	44	29.6	36	24.2	1	0.7
Kalamazoo rural	4,597	25	5.4	27	5.9	91	91	19.8	2	91	91	0	4	3	52	11.3	0	0	0	0	0	0
Kalamazoo	105,374	219	2.1	710	6.7	2,474	2,474	19	40	2,474	2,473	1	24	43	831	7.9	63	25.4	39	15.8	2	0.8
Kalamazoo State Hosp.	176,515	6,374	36.1	1,844	10.4	5,080	5,026	55	100	5,080	4,843	240	140	94	1,910	10.8	91	17.9	64	12.6	0	0
The Crest Sanitarium	2,918	2	0.7	27	9.3	42	42	4	3	42	44	1	2	2	48	7.5	0	0	0	0	0	0
Sojers Home	5,257	27	5.1	34	6.5	93	93	10	11	93	94	1	5	2	68	12.9	3	32.3	2	21.5	0	0
E. Grand Rapids	29,651	312	10.5	204	6.9	595	524	70	11	595	594	1	20	13	276	9.3	10	16.8	5	8.4	1	1.7
Lapeer rural	6,143	125	20.3	42	6.8	163	163	5	2	163	162	1	7	1	65	10.6	6	36.8	6	36.8	0	0
Lapeer State Home & Training School	8,647	6	0.7	61	7.1	179	179	2	18	179	175	4	11	4	95	11.0	1	5.5	1	5.5	0	0
Leelanau	39,443*	467	11.1	309	7.3	1,017	1,017	48	10	1,017	1,065	48	20	40	437	10.4	26	24.4	20	18.8	1	0.9
Leelanau rural	18,393	978	53.2	198	10.8	511	487	24	20	511	508	3	7	10	198	10.8	16	31.3	14	27.4	0	0
Leelanau State Hospital	4,020	407	101.2	66	16.8	104	102	2	6	104	104	0	5	8	43	10.7	4	38.5	4	38.5	0	0
Tecumseh	2,773*	57	2.5	186	8.3	445	430	14	1	445	443	2	8	15	232	10.4	11	24.7	9	20.2	0	0
Hudson	22,372	367	64.3	76	17.5	123	117	6	1	123	123	0	6	3	52	11.9	2	16.3	2	16.3	0	0
Livingston rural	5,345	2	0.4	15	2.8	24	24	1	0	24	24	0	0	0	28	5.2	2	83.3	1	41.7	0	0
Michigan State TB Sanatorium	2,802	86	30.7	36	12.8	54	51	3	2	54	54	0	0	4	34	12.1	0	0	0	0	0	0
Lucas rural	6,341	6	0.5	50	7.9	144	144	2	4	144	144	2	3	4	64	10.1	8	54.8	6	41.1	0	0
Lucas State Hospital	2,946	25	8.5	19	6.4	107	107	36	8	107	107	2	2	5	36	12.2	3	28.0	3	28.0	0	0
Macomb rural	100,190	288	2.9	517	5.2	1,968	1,968	86	38	1,968	1,992	62	36	47	665	6.6	52	25.3	52	25.3	0	0
Macomb	107,027	2,554	150.4	403	24.0	711	711	1	6	711	665	47	13	14	207	12.2	14	19.7	13	15.1	1	1.4
Macomb State Hospital	7,659	1	0.1	18	2.4	394	392	2	3	394	392	2	8	6	49	6.4	7	17.8	4	10.2	0	0
Centerline	21,461	9	0.4	53	2.4	742	730	10	2	742	742	0	5	13	121	5.6	19	25.6	13	17.5	0	0
East Detroit	15,816	14	0.9	41	2.6	669	657	12	12	669	651	18	9	10	120	7.6	20	29.9	12	17.9	0	0
Roseville	2,985	9	3.0	25	8.4	94	94	1	0	94	89	5	1	8	46	15.4	0	0	0	0	0	0
Romeo	19,823	8	0.4	45	2.3	593	584	8	1	593	593	0	10	6	122	6.2	12	20.2	7	11.8	0	0
St. Clair	9,882	18	1.8	86	8.6	193	175	15	10	193	175	18	3	11	80	12.1	5	25.9	2	10.4	1	5.2
St. Clair Shores	8,642	337	39.0	135	15.6	212	212	7	6	212	210	2	5	4	120	13.9	7	33.0	7	33.0	0	0

TABLE 13 - BIRTHS, DEATHS AND BATES BY PLACE OF OCCURRENCE AND RESIDENCE. BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, NUMBER BORN IN PLURAL BIRTHS, SEX, COLOR, ILL-ESTIMACY AND STILLBIRTHS BY PLACE OF RESIDENCE. DEATHS, DEATHS UNDER 1 YEAR, DEATHS UNDER 4 WEEKS, MATERNAL DEATHS, AND BATES BY PLACE OF RESIDENCE. POPULATION (Continued)

AREA	O C C U R R E N C E				R E S I D E N C E																		
	Apr. 1, 1950		Deaths		Live Births					Deaths													
	Population	Live Births Number	Rate	Number	Rate	Number	Rate	Attendant Physician	Midwife	Place of Delivery	Sex	Color	Illegitimacy	Still-Births	All Ages	Infant	Neonatal	Maternal					
Marquette rural	15,018	302	2.0	68	4.5	257	17.1	254	3	246	9	116	141	256	7	160	10.7	6	31.1	6	23.3	0	
Iskoping	6,962	102	1.5	115	12.8	201	24.7	221	3	216	3	117	104	221	16	94	10.5	7	31.7	15	25.8	0	
Marquette	17,202	786	4.5	242	14.1	25.6	157	3	424	3	197	230	426	2	167	9.7	11	35.1	11	25.8	0		
Negaunee	6,472	47	0.7	60	9.3	155	23.9	155	-	154	1	77	76	155	2	76	11.7	2	12.9	2	12.9	0	
Prison				8																			
Mason rural	10,968	13	0.1	59	5.4	201	22.0	209	2	227	14	120	121	239	4	113	10.3	5	33.2	5	20.7	0	
Ludington	9,506	405	4.2	136	14.3	209	22.0	209	1	206	1	165	104	208	3	112	11.8	4	19.1	4	19.1	0	
Mecosta rural	12,232	34	0.3	126	10.3	304	24.9	304	2	274	28	157	147	300	4	151	12.3	4	13.2	4	9.9	0	
Big Rapids	6,794	284	4.2	76	11.3	166	24.6	166	-	166	-	123	132	165	2	73	10.8	6	42.2	6	36.1	0	
Manistiquette rural	11,148	125	1.1	82	7.3	260	23.4	257	3	249	11	123	132	257	3	133	9.4	5	19.2	5	19.2	7.7	
Manistiquette	11,151	125	1.1	82	7.3	260	23.4	257	3	249	11	123	132	257	3	133	9.4	5	19.2	5	19.2	7.7	
Midland rural	14,285	979	6.8	150	10.5	602	42.1	601	3	414	37	157	295	461	9	140	6.5	12	26.5	12	26.5	0	
Midland	14,285	979	6.8	150	10.5	602	42.1	601	3	414	37	157	295	461	9	140	6.5	12	26.5	12	26.5	0	
Missaukee	7,458	29	0.4	45	6.0	174	23.3	174	1	146	27	199	75	174	2	97	6.8	11	16.3	6	16.3	0	
Monroe rural	53,504*	44	0.08	268	4.9	1,240	22.9	1,240	6	1,192	47	624	616	1,234	13	22	41.9	2	17.9	6	34.5	1.0	
Monroe	21,467	69.7	0.32	283	13.2	715	33.3	715	-	708	7	373	342	692	13	216	10.1	28	22.6	18	24.5	1.4	
Milan (part)	695*																						
Montcalm rural	24,345	677	2.8	296	12.2	542	22.3	542	13	518	21	273	269	540	10	273	12.1	21	38.7	12	22.1	0	
Greenville	6,668	451	6.7	79	11.6	161	24.1	161	2	161	9	87	74	161	1	71	10.6	4	24.6	4	24.6	0	
Montmorency	4,125	11	0.3	31	7.5	90	21.6	86	2	81	9	45	45	90	1	40	9.7	4	14.4	4	14.4	0	
Muskegon rural	54,288	34	0.06	236	4.3	1,252	23.1	1,251	15	1,216	35	647	605	1,231	24	376	6.9	44	35.3	27	21.5	0.8	
Muskegon	48,429	3,174	6.5	661	14.1	1,564	32.4	1,567	1	1,553	16	790	778	1,482	28	519	10.7	39	24.3	27	21.5	0	
Muskegon Hts.	18,511	68	0.4	61	4.1	534	28.4	534	27	526	8	256	278	534	15	149	7.9	16	22.5	12	17.5	0	
Newaygo rural	18,511	68	0.4	61	4.1	534	28.4	534	27	526	8	256	278	534	15	149	7.9	16	22.5	12	17.5	0	
Newaygo	3,066	115	3.7	143	7.7	449	24.3	449	6	397	49	232	217	441	12	204	11.0	16	22.5	5	17.1	0	
Oakland rural	168,356*	416	0.2	985	4.9	4,819	24.2	4,816	3	4,645	173	2,493	2,326	4,714	101	1,335	6.7	153	31.7	111	23.0	0.4	
Birmingham	15,467	29	0.2	54	3.5	595	38.5	595	115	595	5	316	279	595	5	11	132	8.5	7	11.8	11	11.8	0
Ferndale	29,675	365	1.2	114	3.8	1,051	35.4	1,050	26	1,041	10	598	453	767	43	19	21.9	7.4	20	19.0	17	16.2	2
Pontiac	73,681	5,051	6.8	777	10.5	2,095	28.4	2,094	1	2,042	53	1,060	1,035	1,833	44	589	8.0	58	27.7	41	19.2	1.9	
Rochester	4,279	5	0.1	12	2.8	153	35.6	153	-	153	-	77	76	153	1	37	8.6	4	26.1	4	26.1	0	
Hospital				200																			
Berkley	17,931	3	0.01	16	0.9	617	34.4	617	1	616	1	320	297	617	6	14	7.9	4.4	11	17.8	6	13.0	1.6
Crawley	5,196	3	0.06	16	3.1	156	30.0	156	2	153	2	77	79	156	3	1	33	6.4	2	12.8	2	12.8	0
Pleasant Ridge	3,594	0	0	12	3.3	41	11.4	41	-	41	-	21	20	41	1	38	10.6	3	7.2	3	7.2	0	
Royal Oak	46,998	469	1.0	207	4.4	1,938	41.3	1,938	-	1,929	9	977	961	1,935	35	312	6.7	35	18.1	35	18.1	0.5	
Hazel Park	17,770*																						
Holly	2,663*																						
Huntington Woods	4,949*																						
Northville (part)	275*																						
Oak Park	5,267*																						
Oceana	16,105	406	2.5	187	11.6	362	22.5	361	6	345	17	169	193	361	3	201	12.5	10	27.6	7	19.3	0	
Ogemaw	9,345	296	3.1	104	11.1	211	22.6	210	2	193	16	111	100	211	12	106	11.3	5	23.7	5	23.7	0	
Ontonagon	10,282	127	1.2	95	9.2	187	18.2	181	3	160	27	91	96	187	1	117	11.4	7	37.4	7	37.4	0	
Osceola	13,797	369	2.6	157	11.4	324	23.5	324	2	297	26	169	155	324	5	173	12.5	12	37.0	11	37.0	5.3	
Osceola	3,134	34	1.0	19	6.1	60	19.1	60	9	38	22	24	36	60	2	24	7.7	2	33.3	2	33.3	0	
Otsego	6,435	22	0.3	46	7.1	145	22.5	144	4	123	22	79	66	145	1	52	8.1	1	6.9	1	6.9	0	
Northern Michigan																							
TB Sanatorium				14																			
Ottawa rural	45,282	56	0.1	236	5.2	1,262	27.9	1,261	1	1,204	58	646	616	1,259	21	369	8.1	28	22.2	23	18.2	1.0	
Grand Haven	9,536	552	5.7	111	11.6	225	23.6	225	4	223	2	119	106	224	8	78	8.2	5	22.2	4	17.6	0	
Holland	15,858	856	5.4	37	12.0	395	24.9	395	6	393	2	197	198	395	6	140	8.8	4	10.1	4	10.1	0	
Zeeland	3,075	381	12.3	9	2.9	87	28.3	87	-	85	2	38	40	87	1	32	10.4	2	23.0	2	23.0	0	
Presque Isle rural	8,123	15	0.2	45	5.5	101	26.0	101	8	194	16	110	101	211	4	67	8.2	4	33.2	5	23.7	0	
Rogers City	3,873	129	3.3	24	6.2	101	26.1	101	-	100	2	63	58	101	3	27	7.0	3	29.7	3	29.7	0	
Roscommon	5,916	329	5.5	93	9.3	106	17.7	106	4	103	2	43	42	106	1	61	10.3	5	47.6	3	28.6	0	
Saginaw rural	60,597	4,279	7.1	1,000	11.6	7,221	28.4	7,221	56	6,985	37	906	816	7,106	17	551	9.1	46	26.7	22	12.8	0	
Saginaw	92,918	4,279	4.6	1,000	11.6	7,221	28.4	7,221	56	6,985	37	906	816	7,106	17	551	9.1	46	26.7	22	12.8	0	
Sanilac	30,837	727	2.3	270	8.8	2,441	23.8	2,441	6	2,416	25	1,244	1,197	2,313	117	57	913	9.8	59	24.2	44	18.0	3
Schoolcraft rural	4,062	7	0.2	36	8.9	91	22.4	91	3	654	7	40	51	733	4	59	14.5	10					

TABLE 13. - BIRTHS, DEATHS AND RATES BY PLACE OF OCCURRENCE AND RESIDENCE; BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH, NUMBER BORN IN RURAL BIRTHS, SEX, COLOR, ILLEGITIMACY AND STILLBIRTHS BY PLACE OF RESIDENCE; DEATHS UNDER 1 YEAR, DEATHS UNDER 4 WEEKS, MATERNAL DEATHS, AND RATES BY PLACE OF RESIDENCE: POPULATION (Continued)

AREA	O C C U R R E N C E										R E S I D E N C E											
	Live Births					Deaths					Live Births					Deaths						
	Apr. 1, 1950 Census of Population	Live Births Number	Rate	Deaths Number	Rate	Number Born in Plural Births	Attendant Physician	Midwife	Place of Delivery Hosp. Home Other	Sex Male Female	White Non-White	Illegiti- macy	Still- births	All Ages Number	Rate	Infant Number	Rate	Neonatal Number	Rate	Maternal Number	Rate	
Tuscola rural	32,264*	344	9.9	264	7.6	13	2	806	3	757	51	2	18	315	9.1	19	23.5	15	18.6	-	0	
Caro State Hospital	3,464	293	84.0	53	15.3	2	-	109	2	109	2	-	1	43	12.4	3	27.0	2	10.0	-	0	
Case State Hospital	2,590*	-	-	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Van Buren rural	33,555	291	8.7	307	9.1	27	-	698	3	672	23	3	18	408	12.2	15	21.5	8	11.5	1	1.4	
South Haven	5,629	265	46.6	112	19.9	1	-	141	2	139	2	-	3	80	14.2	4	28.4	4	28.4	-	0	
Washington rural	63,400*	148	2.3	334	4.9	42	-	1,874	2	1,874	23	-	30	31	488	7.2	62	33.0	36	19.2	2	1.1
Ann Arbor	48,251	1,375	28.5	359	7.4	18	-	1,013	3	1,013	3	-	22	16	315	6.5	24	23.7	14	13.8	1	1.0
Ypsilanti	10,302	2,140	116.9	247	13.5	20	-	592	4	592	4	-	25	166	9.1	29	48.7	27	45.3	2	3.4	
U. of M. Hospital	1,067	-	-	725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ypsilanti State Hospital	2,590*	3	318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea	2,073*	-	-	318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Milan (part)	2,768*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Milan (total)	166,804*	113	0.6	650	3.5	70	3	3,149	3	3,088	64	-	39	932	5.1	117	37.1	71	22.5	2	0.6	
Wayne rural	17,948	36	2.0	54	3.0	12	3	520	-	482	37	1	25	136	7.6	17	32.7	11	21.2	1	1.9	
Ecorse Infirmary	43,355	1,065	24.6	337	7.6	14	-	960	-	938	22	-	20	375	8.6	29	30.2	23	24.0	-	0	
Hamtramck	20,549	323	15.7	90	4.4	12	-	544	-	517	27	-	16	15	161	7.8	14	25.7	13	23.9	-	0
River Rouge	1,649,566	52,280	28.3	15,392	6.3	1,001	15	44,533	15	43,195	1,332	21	1,954	867	16,700	9.0	1,213	27.2	914	20.5	30	0.7
Detroit	46,393	5,143	110.9	761	16.4	16	3	950	1	937	14	-	3	23	461	9.9	23	24.2	18	18.9	1	1.1
Highland Park	6,637	31	4.7	30	4.5	5	3	426	2	425	1	-	2	74	11.1	4	9.4	3	7.0	-	0	
Plymouth	36,846	2,463	66.8	362	9.8	20	3	1,391	2	1,383	10	-	23	19	297	8.1	29	20.8	19	13.6	-	0
Wyandotte	9,410	1,283	13.5	344	3.6	58	-	2,860	3	2,847	16	-	28	663	7.0	55	19.2	41	14.3	1	0.3	
Dearborn	13,075	884	93.9	97	10.3	2	-	95	-	94	1	-	2	3	96	7.3	6	46.5	5	38.8	-	0
Grosse Pt. Farms	6,283	1	0.2	51	3.9	3	-	129	-	128	1	-	2	4	90	14.3	6	24.6	5	20.5	-	0
Grosse Pt. Park	10,381	-	-	0	-	5	-	202	-	243	1	-	2	4	47	4.5	2	9.9	2	9.9	-	0
Grosse Pt. Woods	16,728	115	6.9	34	2.0	5	-	550	1	534	17	-	34	122	7.3	16	29.0	13	23.6	-	0	
Inkster	29,310	6	0.2	50	1.7	21	-	1,011	1	1,002	8	1	15	13	151	5.2	19	18.8	13	12.9	-	0
Lincoln Park	9,483	6	0.6	20	2.1	10	-	260	-	255	5	-	3	51	5.4	10	38.5	8	30.8	1	3.8	
Melvindale	2,965*	311	96.0	92	28.4	2	-	104	-	104	-	-	3	34	10.5	-	-	-	-	-	-	
Northville (part)	3,240	1,049	168.6	84	13.5	2	-	199	-	197	2	-	4	6	58	9.3	6	30.2	4	20.1	-	0
Northville (total)	6,222	1,868	20.0	46	5.1	14	-	736	2	736	2	-	14	15	100	10.6	10	13.6	10	13.6	-	0
Trenton	9,409	186	20.0	46	5.1	6	-	413	1	411	2	-	5	43	3.5	6	14.5	6	14.5	-	0	
Wayne	12,329	2	0.2	462	37.5	6	-	321	-	320	1	-	3	53	5.9	9	28.0	8	24.9	1	3.1	
Allen Park	9,012	519	57.6	28	3.1	4	-	321	-	320	1	-	3	53	5.9	9	28.0	8	24.9	1	3.1	
Garden City	17,534*	25	3.0	69	8.4	4	-	185	2	162	25	-	6	100	12.2	7	37.4	2	10.7	-	0	
Livonia	6,203	653	62.6	166	15.9	-	-	299	-	275	14	-	9	120	11.5	11	36.1	10	34.6	-	0	
Wexford rural	10,425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadillac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

*Rates for these areas are based on population figures adjusted to the 1940 area classification - not the 1950 census figures as listed. Because the 1950 census figures were not available until the latter part of 1950 it was necessary to allocate the 1950 births and deaths to place of residence according to the area classification on the basis of the 1940 census. Some of the cities included in rural areas in 1940 have increased sufficiently to be listed individually as urban (population of 2,500 or more) in 1950. Other cities have decreased from an urban classification in 1940 to a rural classification in 1950. To provide rates on the basis of residence allocation procedures used during 1950 it was necessary to adjust the 1950 population figures for these areas.

Note: The two cities Milan and Northville listed in this table are located in more than one county. Total population figures for each of these cities are shown under the larger proportion of the city's population.

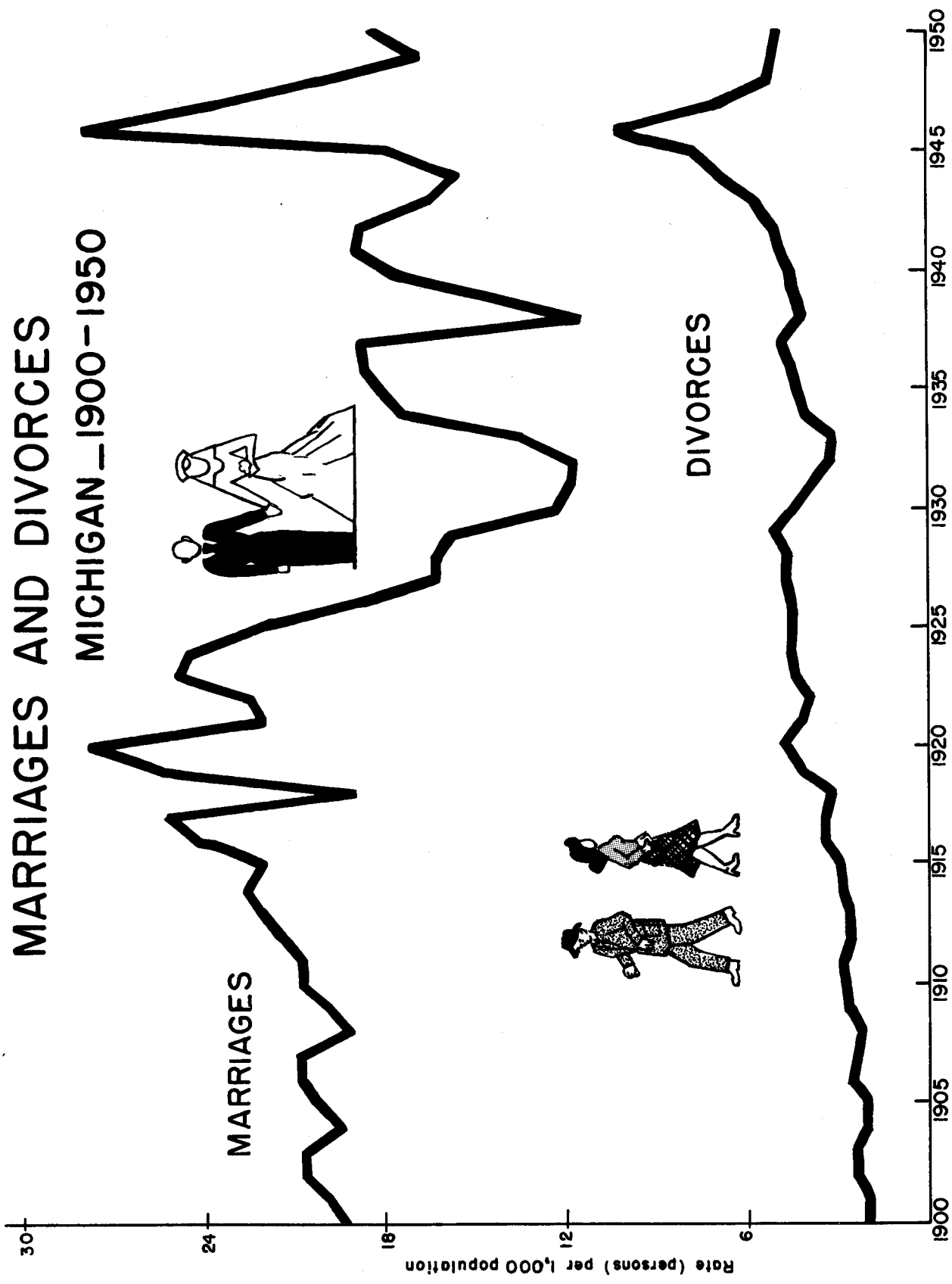
TABLE 14 - MARRIAGES BY ORDER OF MARRIAGE AND AGE OF BRIDE AND GROOM
MICHIGAN, 1950

AGE (YEARS)	B R I D E						G R O O M					
	Order of Marriage						Order of Marriage					
	Total	First	Second	Third	Fourth or More	Not Stated	Total	First	Second	Third	Fourth or More	Not Stated
TOTAL	58,180	46,150	9,873	1,883	264	12	58,180	46,951	9,334	1,645	233	17
15 - 19	18,620	18,350	260	2	-	8	4,830	4,820	8	1	-	1
20 - 24	21,733	20,083	1,545	93	9	3	26,973	26,106	827	23	6	11
25 - 29	7,253	4,996	1,991	247	19	-	12,034	10,228	1,679	117	8	2
30 - 34	3,474	1,504	1,657	284	29	-	4,859	3,185	1,463	193	17	1
35 - 39	2,253	634	1,267	308	44	-	2,803	1,304	1,262	210	26	1
40 - 44	1,616	302	1,009	261	43	1	1,888	603	1,024	232	29	-
45 - 49	1,124	143	749	205	27	-	1,386	315	844	197	30	-
50 - 54	831	77	539	183	32	-	1,130	202	706	190	32	-
55 - 59	558	35	367	135	21	-	826	109	540	158	19	-
60 - 64	341	16	246	65	14	-	640	46	436	140	18	-
65 - 69	257	5	165	68	19	-	435	18	297	97	23	-
70 - 74	81	4	50	22	5	-	244	9	164	56	15	-
75 & Over	37	-	25	10	2	-	128	5	81	31	10	1
Not Stated	2	1	1	-	-	-	4	1	3	-	-	-

TABLE 15 - MARRIAGES BY RESIDENCE STATUS OF BRIDE AND GROOM
MICHIGAN, 1950

RESIDENCE STATUS	NUMBER
TOTAL	58,180
Both bride and groom resident of State	54,287
Bride resident, groom nonresident of State	2,130
Groom resident, bride nonresident of State	665
Both bride and groom nonresident of State	1,093
Residence status of either or both not stated	5

MARRIAGES AND DIVORCES MICHIGAN - 1900 - 1950



The two peak years for marriages were 1920 and 1946, with rates of 27.7 and 27.6 respectively, both of which reflect post-war demobilization. The marked decreases during the 1930's were undoubtedly due to the depression years. The divorce rate of 10.2 in 1946 likewise reflects the post-war demobilization. Since 1946, divorces have decreased to the extent that the 1950 rate is 1/2 that of 1946.

TABLE 16 - DIVORCES BY CASES CONTESTED, LIBELLANT, NUMBER OF CHILDREN; ANNULMENTS: BY COUNTY OF DECREE
MICHIGAN, 1950

AREA	Divorces & Annulments	Annulments	D I V O R C E S										
			Total	Cases Contested	Granted to		Children						5 or More
					Husband	Wife	0	1	2	3	4		
STATE	15,979	139	15,840	2,388	3,946	11,894	8,530	3,816	2,018	805	311	360	
Alcona	7	-	7	-	-	7	1	1	4	-	1	-	
Alger	22	-	22	1	6	16	12	4	3	2	1	-	
Allegan	94	-	94	34	21	73	42	20	11	10	5	6	
Alpena	7	-	7	-	-	7	2	2	2	-	1	-	
Antrim	19	-	19	4	9	10	9	3	4	2	1	-	
Arenac	15	-	15	4	5	10	6	3	3	1	2	-	
Baraga	10	-	10	2	1	9	1	3	3	2	-	1	
Barry	41	-	41	8	11	30	16	13	8	1	2	1	
Bay	182	-	182	44	40	142	76	45	32	17	6	6	
Benzie	16	-	16	2	3	13	9	3	3	1	-	-	
Berrien	311	-	311	68	74	237	189	60	36	14	8	4	
Branch	77	-	77	1	18	59	41	17	8	7	3	1	
Calhoun	429	6	423	87	122	301	235	90	58	29	6	5	
Cass	63	-	63	6	20	43	30	15	14	2	1	1	
Charlevoix	17	-	17	-	5	12	8	5	3	1	-	-	
Cheboygan	20	-	20	2	7	13	9	3	4	4	-	-	
Chippewa	47	-	47	-	14	33	22	5	8	6	3	3	
Clare	24	-	24	7	6	18	9	7	5	1	-	2	
Clinton	49	-	49	19	12	37	25	9	9	3	-	3	
Crawford	6	-	6	-	2	4	3	1	1	1	-	-	
Delta	42	1	41	4	10	31	12	13	9	5	-	2	
Dickinson	30	1	29	1	5	24	16	8	2	1	-	2	
Eaton	85	-	85	12	24	61	44	17	14	4	3	3	
Emmet	18	-	18	2	3	15	9	3	2	3	1	-	
Genesee	890	10	880	168	241	639	485	206	118	46	12	13	
Gladwin	20	-	20	2	7	13	11	5	3	-	1	-	
Gogebic	26	-	26	9	7	19	10	10	2	4	-	-	
Grand Traverse	67	-	67	6	20	47	29	20	12	4	2	-	
Gratiot	63	-	63	1	15	48	32	15	8	-	6	2	
Hillsdale	66	1	65	22	14	51	29	18	15	2	1	-	
Houghton	31	-	31	8	6	25	9	10	6	4	1	1	
Huron	18	-	18	2	7	11	10	3	3	2	-	-	
Ingham	565	6	559	49	130	429	289	148	75	33	7	7	
Ionia	56	-	56	12	17	39	28	12	10	4	1	1	
Iosco	5	-	5	-	2	3	4	-	1	-	-	-	
Iron	20	-	20	3	5	15	12	2	6	-	-	-	
Isabella	27	-	27	1	10	17	15	7	2	3	-	-	
Jackson	363	2	361	4	87	274	199	89	48	16	3	6	
Kalamazoo	379	1	378	15	76	302	142	105	47	16	9	59	
Kalkaska	9	-	9	1	4	5	5	1	1	1	1	-	
Kent	719	12	707	122	139	568	391	171	94	27	14	10	
Keweenaw	3	-	3	-	2	1	1	1	-	-	-	1	
Lake	15	-	15	4	6	9	7	3	3	1	1	-	
Lapeer	63	-	63	14	12	51	28	7	17	4	3	4	
Leelanau	7	-	7	1	2	5	3	2	1	1	-	-	
Lenawee	140	-	140	3	44	96	70	37	19	6	5	3	
Livingston	57	1	56	2	16	40	25	15	11	2	2	1	
Luce	3	-	3	-	-	3	1	-	2	-	-	-	
Mackinac	6	-	6	3	2	4	2	1	2	1	-	-	
Macomb	408	4	404	38	90	314	203	112	45	22	14	8	
Manistee	8	1	7	2	2	5	5	-	1	1	-	-	
Marquette	50	-	50	2	11	39	21	11	10	4	2	2	
Mason	25	-	25	7	7	18	12	3	4	4	2	-	
Mecosta	41	1	40	4	10	30	18	12	7	1	2	-	
Menominee	19	-	19	1	4	15	9	3	1	3	2	1	
Midland	38	-	38	4	12	26	19	11	4	3	-	1	
Missaukee	5	-	5	-	1	4	1	2	2	-	-	-	
Monroe	91	-	91	22	28	63	45	24	10	7	3	2	
Montcalm	74	-	74	1	21	53	36	15	11	7	2	3	
Montmorency	5	-	5	-	1	4	2	1	2	-	-	-	
Muskegon	265	-	265	20	80	185	121	64	44	16	14	6	
Newaygo	15	-	15	1	6	9	7	6	1	-	1	-	

TABLE 16 - DIVORCES BY CASES CONTESTED, LIBELLANT, NUMBER OF CHILDREN; ANNULMENTS: BY COUNTY OF DECREE (continued)

AREA	Divorces & Annulments	Annulments	D I V O R C E S										
			Total	Cases Contested	Granted to		Children						5 or More
					Husband	Wife	0	1	2	3	4		
Oakland	1,148	19	1,129	196	259	870	556	267	178	71	32	25	
Oceana	24	-	24	5	10	14	9	9	1	4	1	-	
Ogemaw	14	-	14	-	1	13	4	2	7	-	1	-	
Ontonagon	14	-	14	-	5	9	5	-	3	2	2	2	
Osceola	28	-	28	1	7	21	13	6	3	2	3	1	
Oscoda	3	-	3	-	1	2	2	-	-	1	-	-	
Otsego	8	-	8	1	5	3	4	3	1	-	-	-	
Ottawa	91	-	91	14	21	70	39	19	19	9	2	3	
Presque Isle	13	-	13	2	4	9	6	3	4	-	-	-	
Roscommon	9	-	9	-	1	8	5	2	2	-	-	-	
Saginaw	284	2	282	113	78	204	143	68	39	21	2	9	
Sanilac	24	-	24	6	5	19	10	7	4	3	-	-	
Schoolcraft	13	-	13	-	5	8	8	3	1	1	-	-	
Shiawassee	115	-	115	2	30	85	50	36	11	9	5	4	
St. Clair	232	4	228	45	56	172	112	65	33	10	5	3	
St. Joseph	92	-	92	9	19	73	47	22	15	4	1	3	
Tuscola	39	-	39	4	11	28	15	12	5	4	2	1	
Van Buren	62	-	62	3	21	41	29	20	7	2	1	3	
Washtenaw	351	2	349	36	94	255	193	78	42	21	5	10	
Wayne	7,075	65	7,010	1,081	1,736	5,274	4,098	1,677	741	277	93	124	
Wexford	47	-	47	8	15	32	20	15	8	2	1	1	