

VELMA PLOCH

Michigan

HEALTH STATISTICS

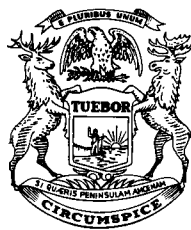
1958

MICHIGAN DEPARTMENT OF HEALTH

MICHIGAN
HEALTH STATISTICS

ANNUAL STATISTICAL REPORT

1958



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

CHARTS - TABLES

CHARTS

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SYMBOLS USED IN THIS REPORT

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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 health statistics concerning communicable diseases, births, deaths, fetal deaths, marriages, and divorces in Michigan during 1958 and previous years. The first four tables in this report include information pertaining to the years 1900-1958; the remaining tables contain only 1958 statistics.

Following is a discussion of items concerned with the interpretation of data in this report:

1) Incomplete Registration and Delay in Filing:

Birth and death registration has been steadily improving since 1900. Registration of births in Michigan was 98.7 percent complete according to a 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 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 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 fetal death. 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 and successive years 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 the previous residence cannot be obtained, allocation is to the place of occurrence of death. 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 decades there have been several revisions of the International List of Causes of Death. The Sixth Revision was 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 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. In Michigan both the revised certificate form and the Sixth Revision were used beginning in 1950. The Seventh Revision (1955) with only minor classification changes was used beginning with the 1958 statistics.

The comparability of cause of death statistics over a period of years is affected by changes in classification and policy. This should be kept in mind when comparing statistics from 1950 and successive years with those of earlier years.

5) Perinatal Mortality Rates:

Perinatal mortality rates are included in this report to facilitate the study of deaths during the late fetal and early neonatal period. These rates are based on all registered fetal deaths and the infant deaths of under 1 week of age.

These rates were computed according to the following formula:

$$\frac{\text{Fetal deaths} + \text{infant deaths under 1 week} \times 1000}{\text{Fetal deaths} + \text{live births}}$$

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 was revised both in content and format. All successive reports have conformed with these revisions.

CHARTS

MICHIGAN'S HEALTH PICTURE

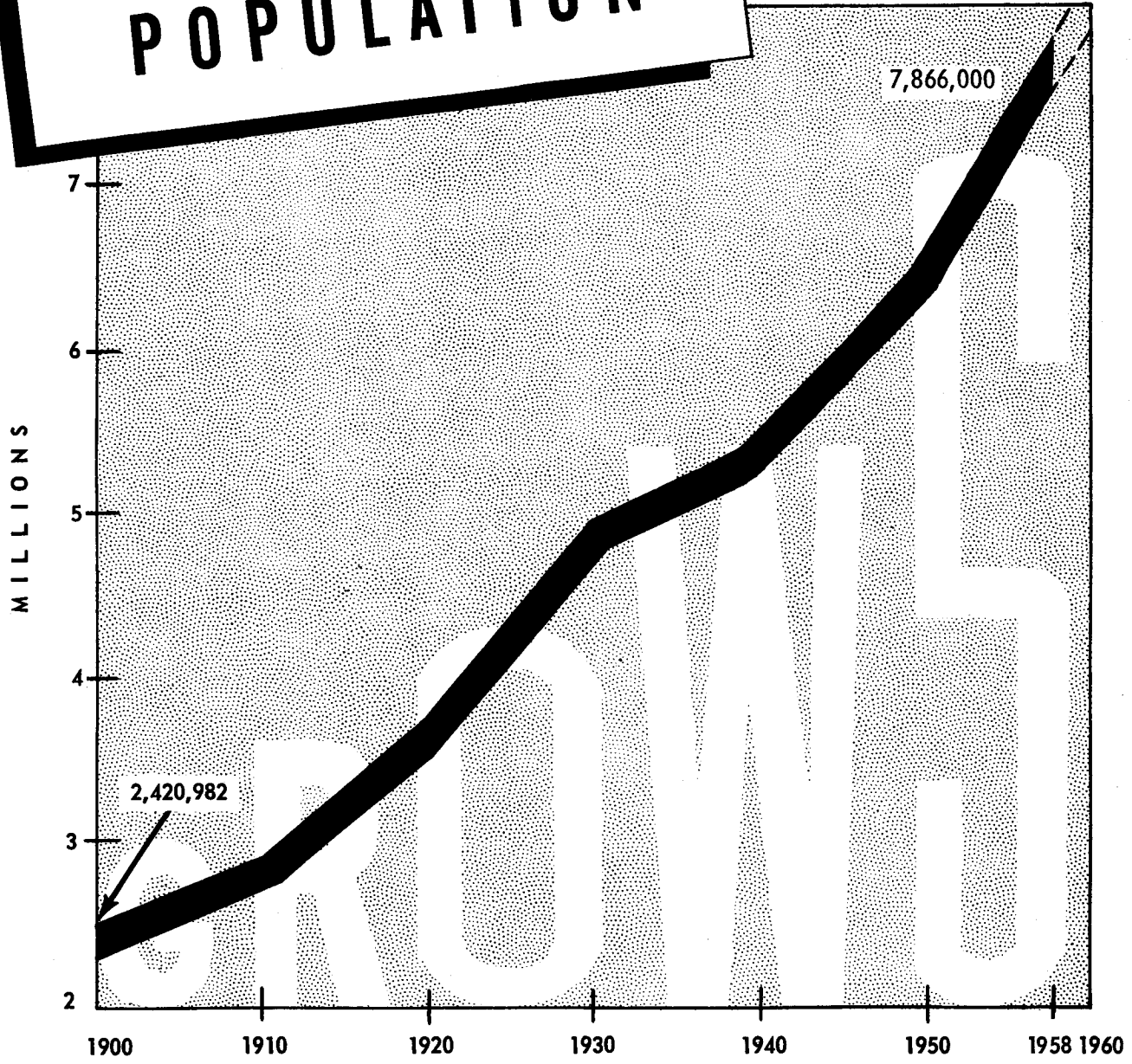
1950-1958



POPULATION	increased from 6,371,766 to 7,866,000 23% increase
LIVE BIRTHS	160,055 - '50 27% increase 202,690 - '58 first year of decline since 1948
BIRTHS IN HOSPITALS	97% in 1950; now 99%
ILLEGITIMACY RATE	increased by 22% from 27.6 to 33.6
DEATH RATE	continuing gradual decline now 8.4, lowest in history of state
INFANT DEATH RATE	declined from 26.3 to 24.6 6% decrease
MATERNAL DEATH RATE	substantial decrease of 40% from 5.7 to 3.4
PERINATAL DEATH RATE	declined from 35.4 to 31.7
TUBERCULOSIS DEATH RATE	remarkable decrease of 75% from 19.9 to 5.0
MARRIAGE RATE	downward trend now 14.0, lowest since 1938
DIVORCE RATE	downward trend now 3.6, lowest since 1933

(Death rate per 1,000 estimated population, illegitimacy rate and infant death rate per 1,000 live births, maternal death rate per 10,000 live births, perinatal death rate - number of deaths under 1 week and fetal deaths per 1,000 live births and fetal deaths.)

MICHIGAN'S POPULATION



1958 POPULATION TRIPLES THAT OF 1900

Source: Bureau of Census. Data for 1900-1950 are federal census counts. Estimate for 1958 was released November 13, 1958.

POPULATION TRENDS BY ECONOMIC AREAS

NUMERICAL DISTRIBUTION

MICHIGAN 1900 - 1958

	1900	1910	1920	1930	1940	1950	1958
MICHIGAN	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	6,371,766	7,866,000

UPPER PENINSULA

	1900	1910	1920	1930	1940	1950	1958
TOTAL	261,362	325,628	332,556	318,676	323,544	302,258	300,590
Area 1	164,654	215,791	218,916	204,608	200,265	178,251	172,820
Area 2	96,708	109,837	113,640	114,068	123,279	124,007	127,770

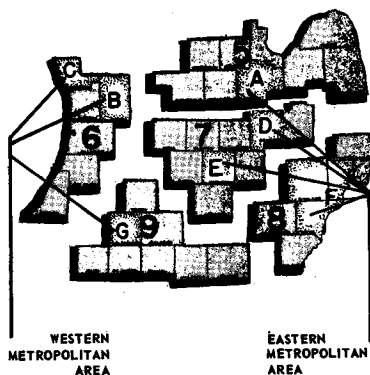
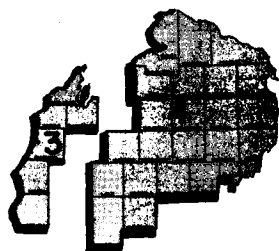
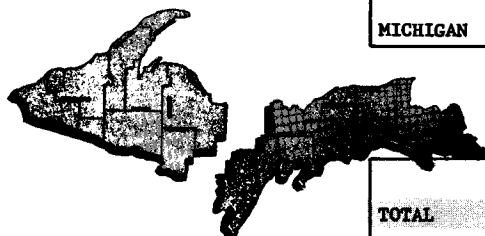
LOWER PENINSULA

UPPER PART

	1900	1910	1920	1930	1940	1950	1958
TOTAL	351,673	385,609	332,837	297,318	334,343	358,788	387,050
Area 3	104,105	111,929	91,857	84,774	92,266	100,654	109,640
Area 4	247,568	273,680	240,980	212,544	242,077	258,134	277,410

LOWER PART

	1900	1910	1920	1930	1940	1950	1958
TOTAL	1,807,947	2,098,936	3,003,019	4,226,331	4,598,219	5,710,720	7,178,360
Area 5,A	348,573	359,052	371,379	380,007	417,703	473,288	555,880
Area 6,B,C	327,668	371,649	423,971	532,676	566,566	685,967	864,480
Area 7,D,E	302,148	335,484	444,563	598,666	642,359	769,691	986,850
Area 8,F	562,572	743,745	1,450,442	2,362,921	2,592,981	3,318,068	4,208,250
Area 9,G	266,986	289,006	312,664	352,061	378,610	463,706	562,900
* * * * *							
Metropolitan Areas	800,733	1,081,077	1,929,934	3,042,797	3,307,281	4,150,160	5,279,470
A	81,222	89,290	100,286	120,717	130,468	153,515	183,780
B	129,714	159,145	183,041	240,511	246,338	288,292	351,950
C	37,036	40,577	62,362	84,630	94,501	121,545	147,820
D	41,804	64,555	125,668	211,641	227,944	270,963	372,600
E	39,818	53,310	81,554	116,587	130,616	172,941	216,860
F	426,829	613,773	1,305,798	2,177,343	2,377,329	3,016,197	3,851,210
G	44,310	60,427	71,225	91,368	100,085	126,707	155,250
Western (B,C,G)	211,060	260,149	316,628	416,509	440,924	536,544	655,020
Eastern (A,D,E,F)	589,673	820,928	1,613,306	2,626,288	2,866,357	3,613,616	4,624,450
Non-Metropolitan Areas	1,007,214	1,017,859	1,073,085	1,183,534	1,290,938	1,560,560	1,898,890



Michigan's population has more than tripled since 1900. This is largely due to the increase in population in the lower part of the Lower Peninsula which in 1958 was nearly 4 times as large as in 1900. The metropolitan areas have been responsible for a considerable portion of this gain, increasing sixfold from 800,733 in 1900 to 5,279,470 in 1958. Area F (Wayne, Oakland, and Macomb Counties) contributed most of the metropolitan area gain.

The population in the Upper Peninsula fluctuated between 1900 and 1940, but has been decreasing since that time. Area 1 is responsible for this decrease, since Area 2 has consistently gained in population since 1900.

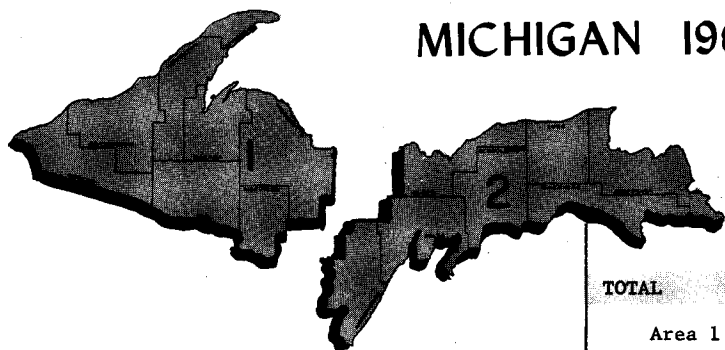
The population in the upper part of the Lower Peninsula fluctuated between 1900 and 1930, but has been increasing since that time. Both Areas 3 and 4 have contributed to this increase.

Note: Letters and numbers on map indicate economic areas, metropolitan and non-metropolitan, respectively, as used by the U. S. Bureau of Census. The numbered areas (non-metropolitan) and lettered areas (metropolitan) are mutually exclusive.

POPULATION TRENDS BY ECONOMIC AREAS

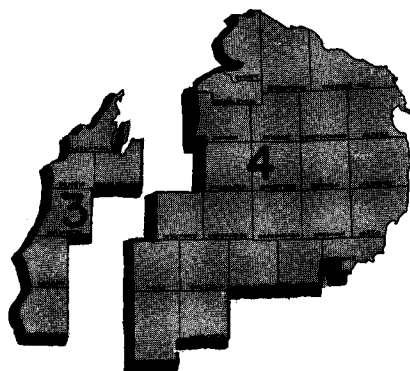
PERCENTAGE DISTRIBUTION

MICHIGAN 1900 - 1958



UPPER PENINSULA

	1900	1910	1920	1930	1940	1950	1958
TOTAL	10.8	11.6	9.1	6.6	6.1	4.7	3.8
Area 1	6.8	7.7	6.0	4.2	3.8	2.8	2.2
Area 2	4.0	3.9	3.1	2.4	2.3	1.9	1.6



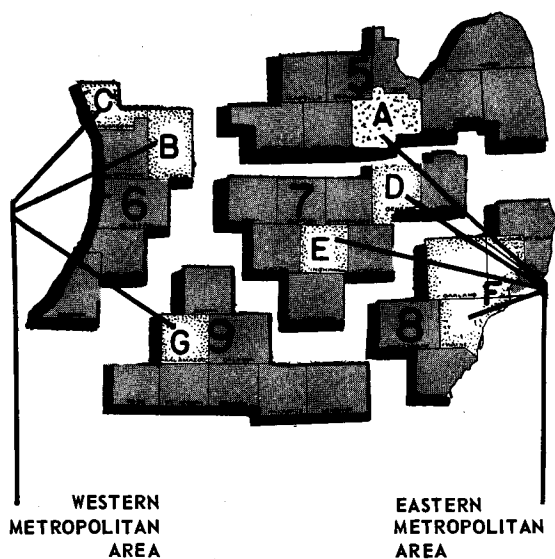
LOWER PENINSULA

UPPER PART

	1900	1910	1920	1930	1940	1950	1958
TOTAL	14.5	13.7	9.1	6.2	6.4	5.7	4.9
Area 3	4.3	4.0	2.5	1.8	1.8	1.6	1.4
Area 4	10.2	9.7	6.6	4.4	4.6	4.1	3.5

LOWER PART

	1900	1910	1920	1930	1940	1950	1958
TOTAL	74.7	74.7	81.8	87.2	87.5	89.6	91.3
Area 5,A	14.4	12.8	10.1	7.8	7.9	7.4	7.1
Area 6,B,C	13.5	13.2	11.6	11.0	10.8	10.8	11.0
Area 7,D,E	12.5	11.9	12.1	12.4	12.2	12.1	12.5
Area 8,F	23.2	26.5	39.5	48.7	49.4	52.0	53.5
Area 9,G	11.1	10.3	8.5	7.3	7.2	7.3	7.2
* * * * *							
Metropolitan Areas	33.0	38.5	52.5	62.9	62.9	65.1	67.1
A	3.4	3.2	2.7	2.5	2.5	2.4	2.3
B	5.4	5.7	5.0	5.0	4.7	4.5	4.5
C	1.5	1.4	1.7	1.7	1.8	1.9	1.9
D	1.7	2.3	3.4	4.4	4.3	4.3	4.7
E	1.6	1.9	2.2	2.4	2.5	2.7	2.7
F	17.6	21.8	35.6	45.0	45.2	47.3	49.0
G	1.8	2.2	1.9	1.9	1.9	2.0	2.0
Western (B,C,G)	8.7	9.3	8.6	8.6	8.4	8.4	8.3
Eastern (A,D,E,F)	24.3	29.2	43.9	54.3	54.5	56.7	58.8
Non-Metropolitan Areas	41.7	36.2	29.3	24.3	24.6	24.5	24.2



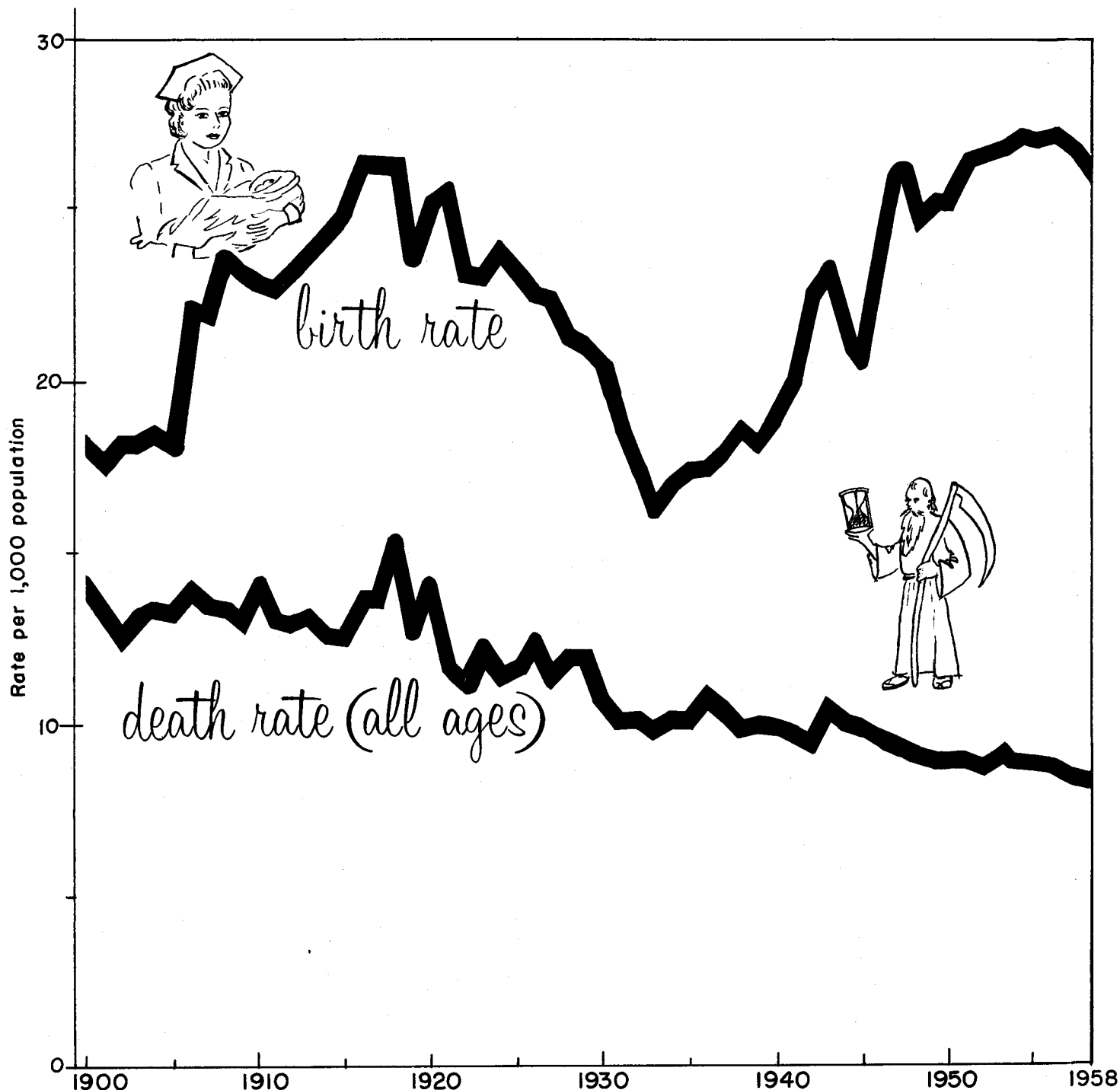
The distribution of Michigan's population is very uneven, with 91% residing in the lower part of the Lower Peninsula. This large portion of the population is concentrated in thirty-eight of the eighty-three counties of the State. The remaining 9% are almost equally divided between the Upper Peninsula and the upper part of the Lower Peninsula. Since 1900 the trend in each of these sections has been a proportionately decreasing one, while the lower part of the Lower Peninsula has gradually increased proportionately. The increase since 1930 in the lower part of the Lower Peninsula was almost entirely due to the increase in the metropolitan areas, since the non-metropolitan areas have remained approximately the same.

It is to be remembered that the trend of an area may be decreasing percentage wise yet increasing number wise. This relationship is illustrated in a comparison of Charts III and IV.

Note: Letters and numbers on map indicate economic areas, metropolitan and non-metropolitan, respectively, as used by the U. S. Bureau of Census. The numbered areas (non-metropolitan) and lettered areas (metropolitan) are mutually exclusive.

BIRTH AND DEATH RATES

MICHIGAN 1900 to date

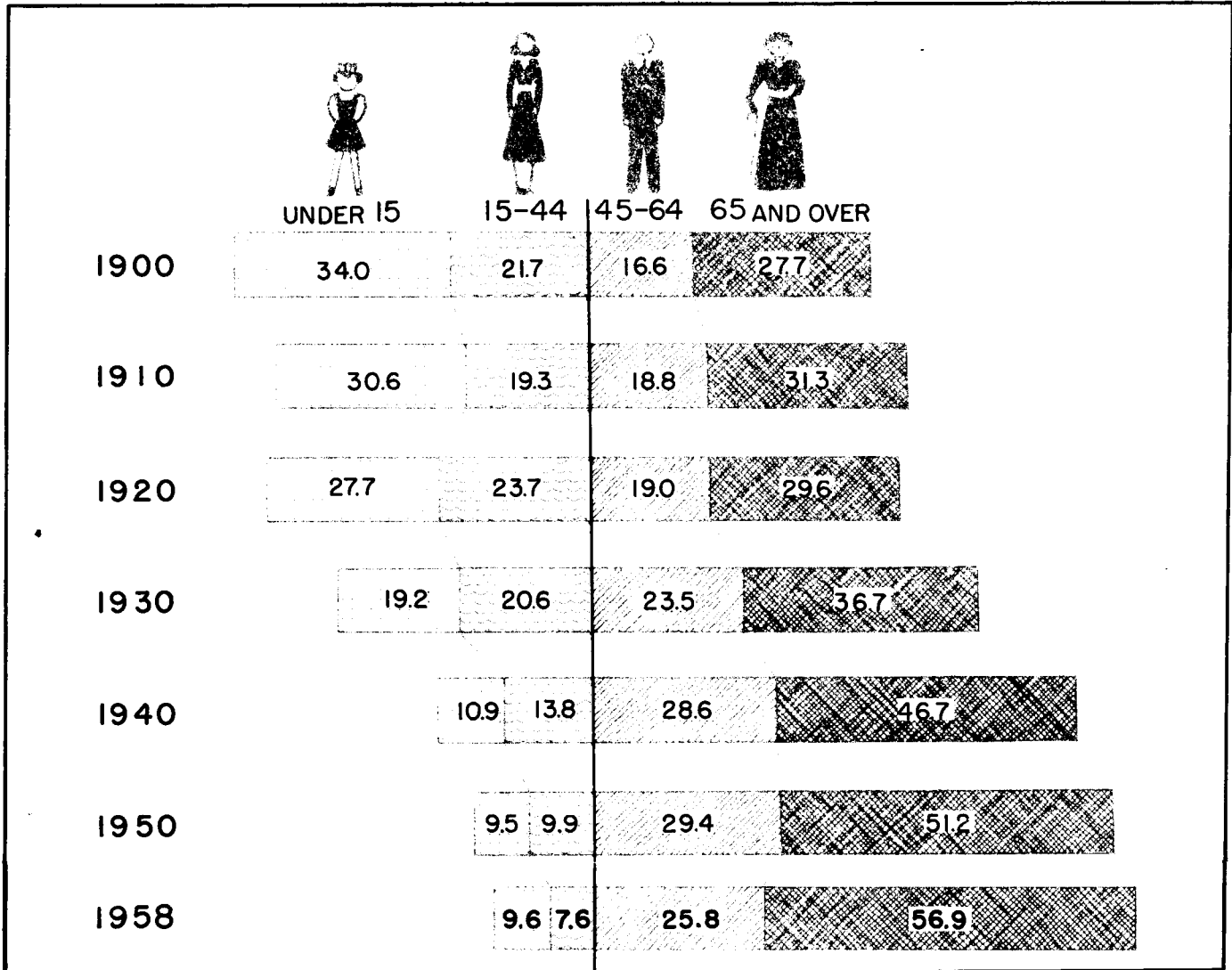


From the beginning of the century the birth rate trend was upward, reaching a high of 26.2 in 1916 and 1917. The rate then declined to an all time low of 16.2 during the depression year of 1933. With the exception of the 2 years at the close of the war 1944 and 1945, the trend has continued upward again reaching an all time high of 27.4 in 1956. The trend then reversed with the rate declining to 26.7 in 1957 and to 25.8 in 1958.

In 1900 the death rate was 13.4 per 1,000 population. Since that time, the death rate trend has been downward with one high point of 15.6 during 1918 as a result of the influenza epidemic following the first world war. In 1958 the death rate reached an all time low of 8.4 per 1,000 population – a drop of 37% since 1900.

AGE AT DEATH—*a changing pattern*

Percentage Distribution Michigan, since 1900



Since the beginning of the century an amazing and progressive change in the age at death pattern has occurred between the younger (under 45 years) and older (45 years and older) age groups.

	UNDER 45 YEARS	45 YEARS & OLDER
1900	56%	44%
1958	17%	83%

The trend has been a gradual decrease in each of the age groups under 45 years and a gradual increase in each of the age groups 45 years and older.

In 1900 approximately 1/3 of all deaths occurred under 15 years of age; the proportion has decreased to less than 1/10 at the present time.

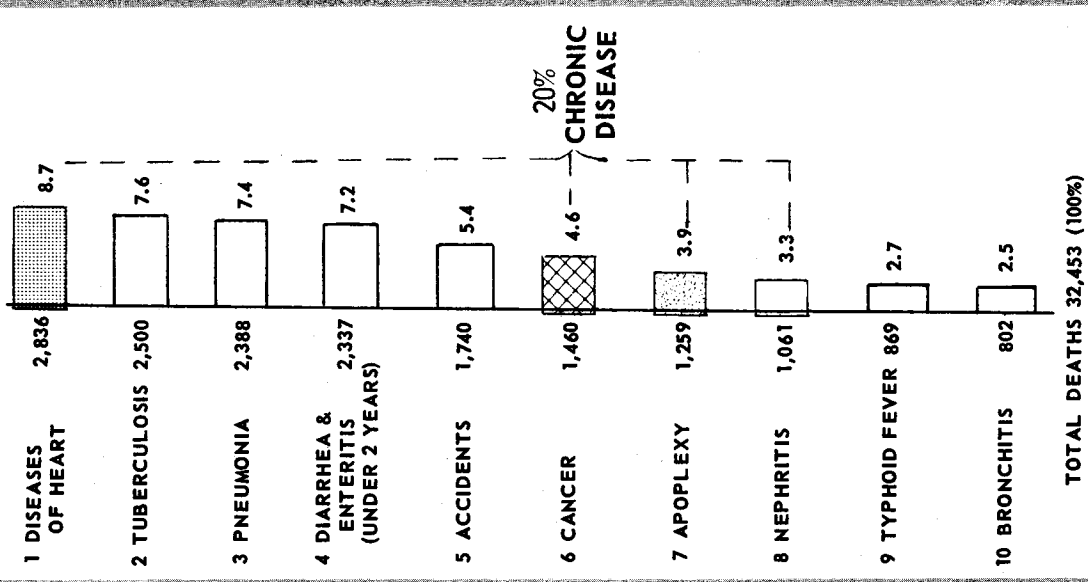
In contrast only slightly over 1/4 of all deaths occurred in the 65 and over age group in 1900; the proportion has increased now to more than 1/2.

These changes reflect 1) the decrease in deaths due to communicable diseases and other diseases of childhood, 2) an increase in those due to chronic diseases in the older age groups.

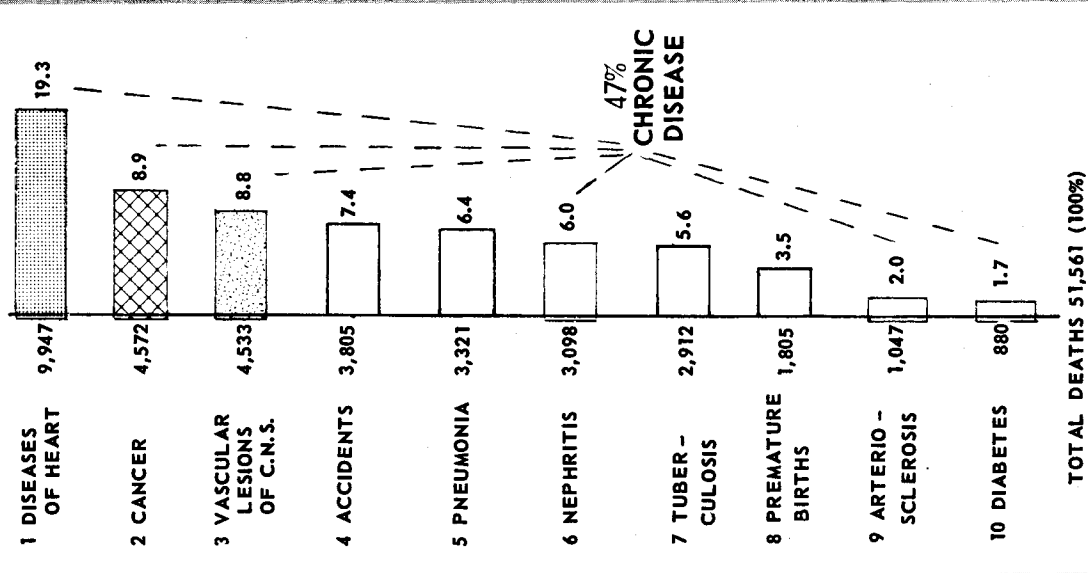
LEADING CAUSES OF DEATH

MICHIGAN

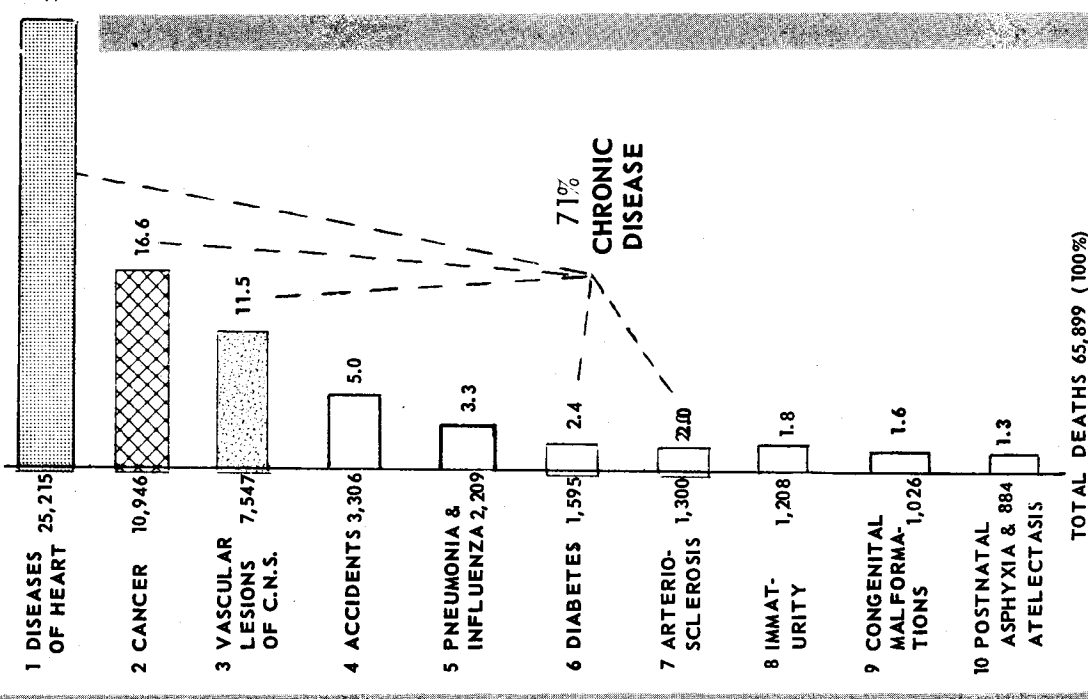
1900



1930



1958

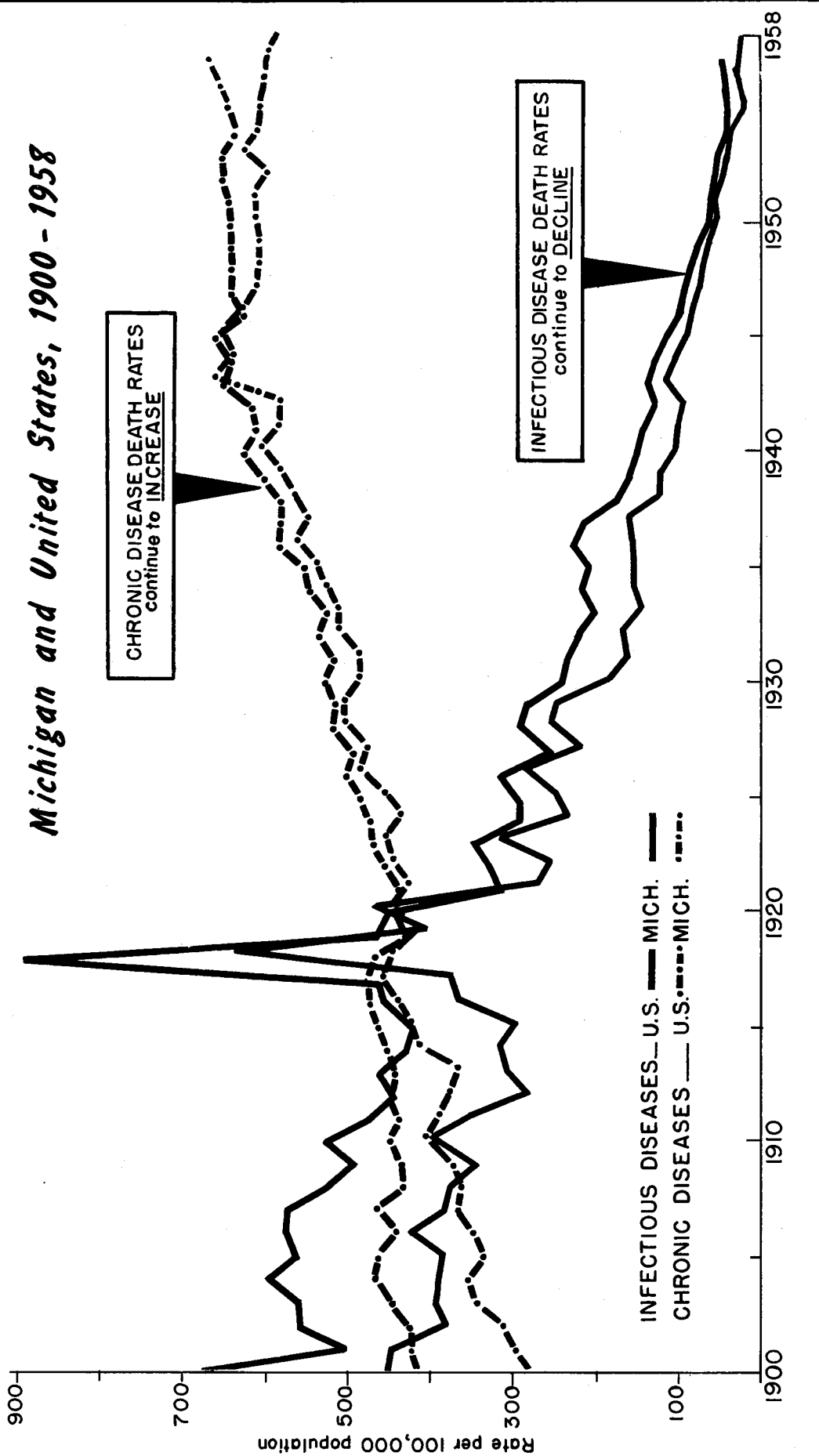


□ Indicates a chronic disease appearing in one or two of the years 1900, 1930, 1958 but not all three.

Statistical Methods Section
Michigan Department of Health

DEATH RATES DUE TO CERTAIN CHRONIC & INFECTIOUS DISEASES*

Michigan and United States, 1900 - 1958



*Includes diseases with corresponding Seventh Revision Detailed List Numbers as follows:

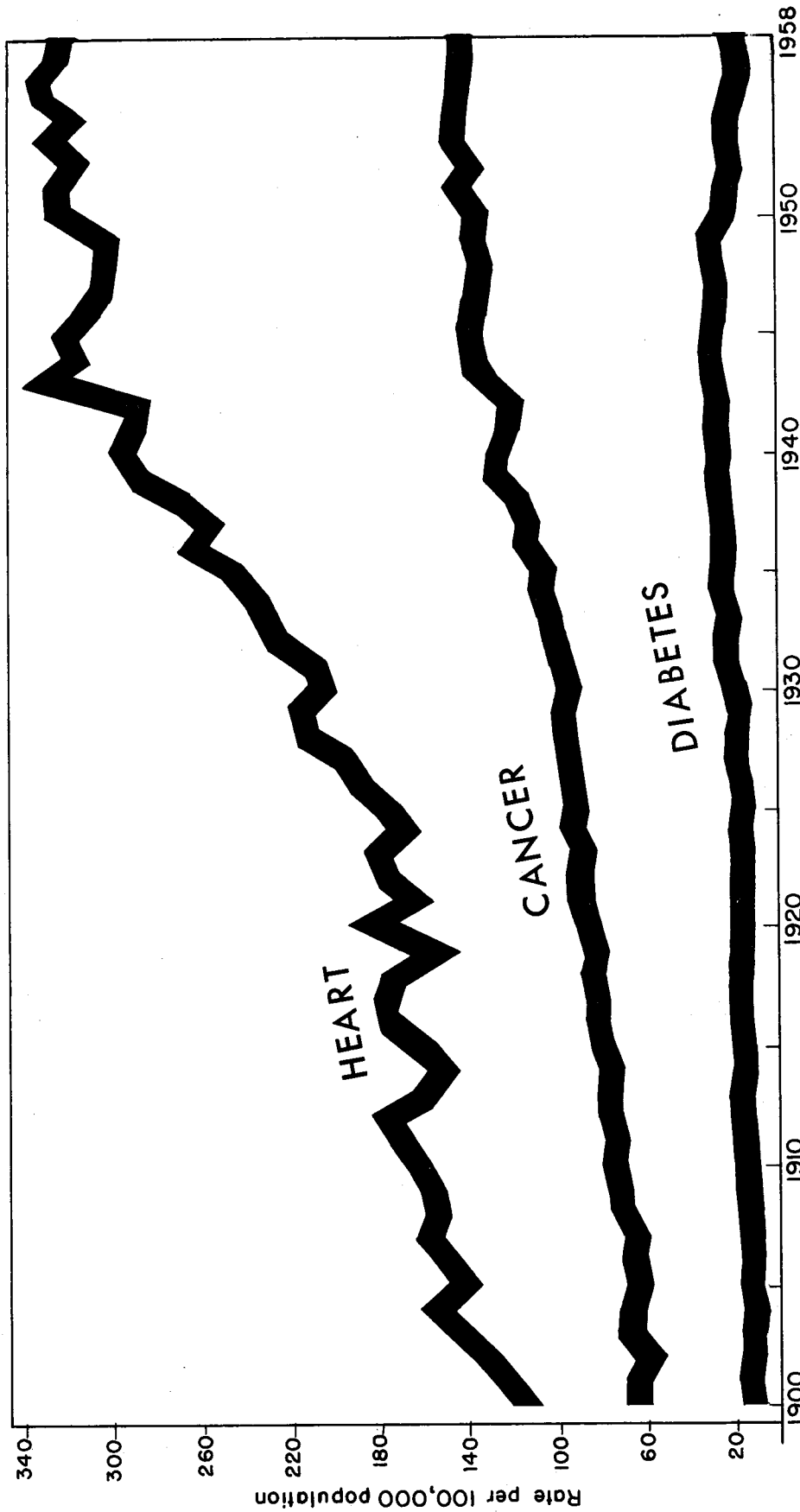
Chronic Diseases - Cancer (140-205), Diabetes (260), Vascular lesions affecting central nervous system (330-334), Diseases of heart (410-443), Chronic and unspecified nephritis (592-594), Ulcer of stomach or duodenum (540-541), and Cirrhosis of liver (581). Infectious Diseases - Typhoid fever (40), Scarlet fever (50), Whooping cough (56), Diphtheria (55), Tuberculosis (1-19), Dysentery (45-48), Malaria (110-117), Syphilis (20-29), Measles (85), Pneumonia & influenza (480-493), Diarrhea, enteritis, and ulceration of intestines (543,571,572).

Source of United States data: Building America's Health, Vol. III, Table 36, and Vital Statistics of United States, Vol. II, III. (U. S. data for 1958 not available.)

Statistical Methods Section
Michigan Department of Health

Mortality Trends, HEART - CANCER - DIABETES

MICHIGAN 1900 - 1958



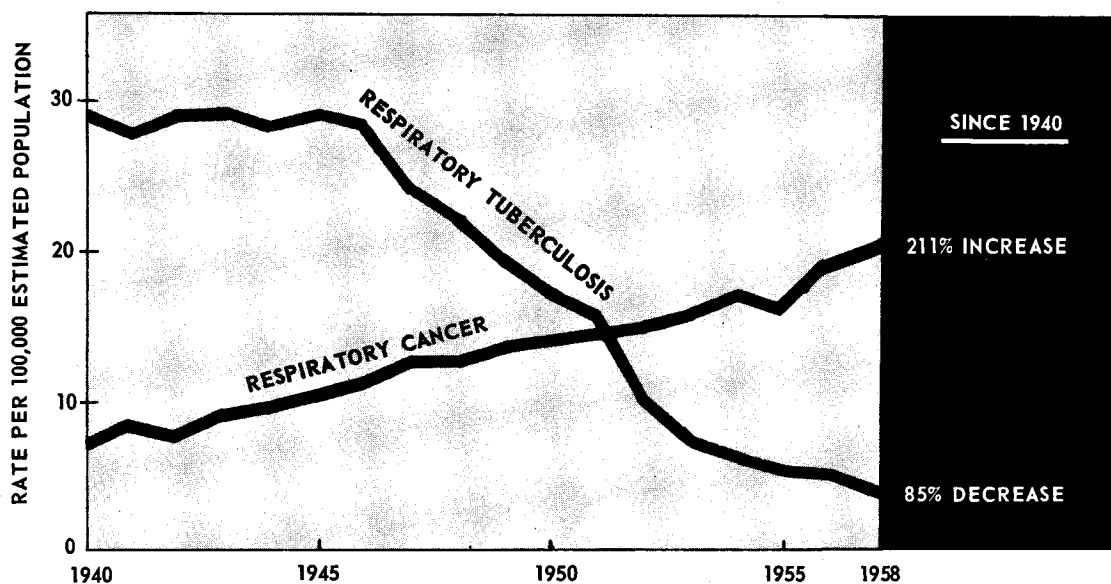
Heart. The leading cause of death throughout the past half century has been diseases of the heart; the highest death rate of 331.3 was reached during the war year of 1943, and was followed by a downward trend until 1950. The sudden increase in 1950 reflects the change in classification* of causes of death. The 1958 rate of 320.6 is approximately 56% higher than that of 205.4 for 1930.

Cancer. The cancer death rates of the past twenty-eight years, with minor fluctuations, have continued the upward trend of the previous thirty years. The 1958 rate of 139.2 is 47% higher than that of 94.4 for 1930.

Diabetes. In 1900 the death rate due to diabetes was 9.3. By 1930 it had nearly doubled with a rate of 18.2 and was ranked as the tenth leading cause of death. Since that time the trend continued upward until 1950. The lower rates since that date are largely due to the change in classification* of causes of death. However, even with these slightly lower rates (20.3 in 1958) diabetes is now the sixth leading cause of death.

*The Sixth Revision Classification of Causes of Death was used beginning in 1950. This classification increased the recorded number of deaths due to heart diseases (approximately 6%) and decreased those due to cancer (approximately 3%) and diabetes (approximately 28%).

CANCER MORTALITY TRENDS MICHIGAN SINCE 1940



CANCER MORTALITY BY SITE

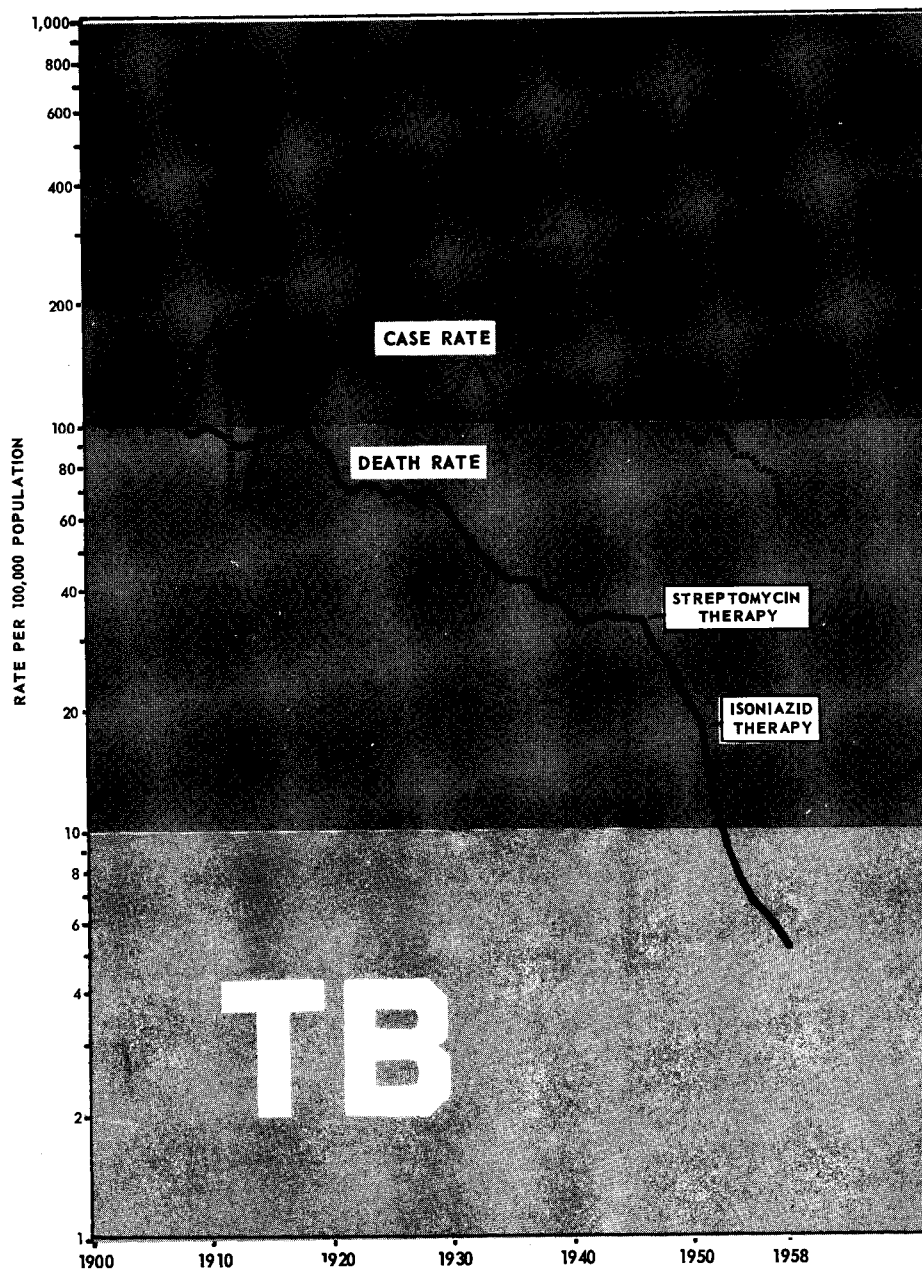
CAUSE	NUMBER					RATE PER 100,000 POPULATION				
	1940	1945	1950	1955	1958	1940	1945	1950	1955	1958
TOTAL	6,513	7,486	8,685	10,297	10,946	123.9	137.7	136.3	142.3	139.2
Buccal cavity & pharynx	191	206	219	222	235	3.6	3.8	3.4	3.1	3.0
Digestive organs & peritoneum	2,884	3,227	3,464	3,880	3,931	54.9	59.4	54.4	53.6	50.0
Esophagus	123	125	134	216	203	2.3	2.3	2.1	3.0	2.6
Stomach	1,133	1,119	1,076	1,030	970	21.6	20.6	16.9	14.2	12.3
Intestines (including duodenum & rectum)	980	1,204	1,394	1,701	1,684	18.6	22.2	21.9	23.5	21.4
Liver & biliary passages	384	453	468	411	452	7.3	8.3	7.3	5.7	5.8
Pancreas	202	244	329	463	549	3.8	4.5	5.2	6.4	7.0
Other	62	82	63	59	73	1.2	1.5	1.0	0.8	0.9
Respiratory system	347	549	923	1,318	1,616	6.6	10.1	14.5	18.2	20.5
Breast & genito-urinary organs	2,195	2,396	2,520	2,975	3,107	41.8	44.1	39.5	41.1	39.5
Breast	643	671	774	878	925	12.2	12.3	12.1	12.1	11.8
Uterus	660	704	594	677	675	12.6	13.0	9.3	9.4	8.6
Other female genital organs	156	217	278	347	356	3.0	4.0	4.4	4.8	4.5
Male genital organs	414	462	451	602	620	7.9	8.5	7.1	8.3	7.9
Urinary organs	322	342	423	471	531	6.1	6.3	6.6	6.5	6.7
Other & unspecified sites	896	1,108	1,559	1,902	2,057	17.0	20.4	24.5	26.3	26.2
Skin	84	115	106	140	122	1.6	2.1	1.7	1.9	1.6
Leukemia & aleukemia	215	255	321	444	526	4.1	4.7	5.0	6.1	6.7
Hodgkin's disease	62	80	98	126	139	1.2	1.5	1.5	1.7	1.8
Other	535	658	1,034	1,192	1,270	10.2	12.1	16.2	16.5	16.1

Along with a gradually increasing trend in the total cancer death rate, the mortality rate for cancer of the respiratory system has increased considerably in the last 18 years. For every 100,000 people there were more than three times as many people dying of cancer of the respiratory system in 1958 as in 1940; the rates were 20.5 and 6.6 respectively. Also cancer of the respiratory system has become an increasingly greater proportion of the total cancer problem representing 15% of all the cancer deaths in 1958 as compared with 5% in 1940.

At the same time, however, there have been noticeable decreases in the death rates due to cancer of the stomach and of the uterus.

TUBERCULOSIS CASE & DEATH RATES

MICHIGAN, 1900-1958

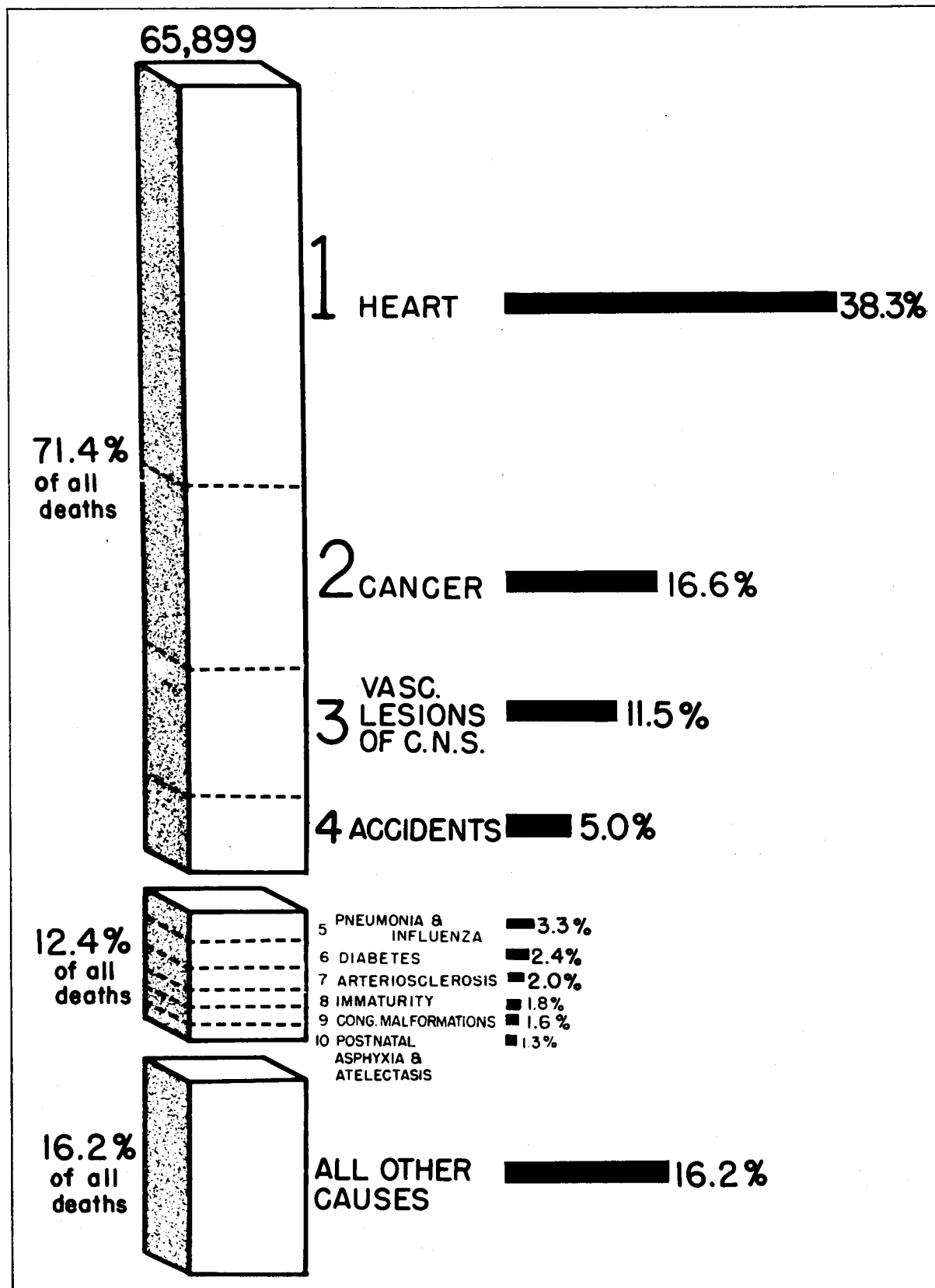


CASE RATE LINE: The major fluctuations in the earlier years probably represent the increased number of new cases found as a result of victims of pulmonary epidemics coming under medical care. Later fluctuations are undoubtedly due to variations in the intensity of case finding efforts and case reporting. In the mid-1940's the use of the miniature photofluorograph became widespread in mass screening. This accelerated program, together with general improvement in tuberculosis control and treatment methods, probably strongly stimulated the downward trend observed subsequent to 1945.

DEATH RATE LINE: The fluctuations in the earlier years of the death rate line are less marked than in the case rate line. The slight increase in the 1918 death rate probably represents the effect of the World War I influenza epidemic which added severe complications to the existent cases of tuberculosis. The later fairly constant downward trend reflects the effect of generally improved environmental conditions plus the tuberculosis treatment and control programs in operation. We can probably accept streptomycin and isoniazid as responsible for the fairly precipitous drops occurring after each was discovered and added to the treatment armamentarium.

LEADING CAUSES OF DEATH

MICHIGAN, 1958



. TEN LEADING CAUSES OF DEATH
DISTRIBUTION BY AGE GROUPS—MICHIGAN, 1958

CAUSE	TOTAL	PERCENT	NUMBER			PERCENT					
			Under 15 Yrs	15 44	45 64	65 & Over*	Total	Under 15 Yrs	15 44	45 64	65 & Over*
All Causes	65,899	100	6,337	5,016	17,024	37,522	100	9.6	7.6	25.8	57.0
Diseases of heart	25,215	38.3	33	1,018	6,913	17,251	100	0.1	4.1	27.4	68.4
Cancer	10,946	16.6	209	883	4,129	5,725	100	1.9	8.1	37.7	52.3
Vascular lesions of c.n.s.	7,547	11.5	24	196	1,363	5,964	100	0.3	2.6	18.1	79.0
Accidents	3,306	5.0	590	1,128	670	918	100	17.8	34.1	20.3	27.8
Pneumonia and influenza**	2,209	3.3	534	125	403	1,147	100	24.2	5.7	18.2	51.9
Diabetes mellitus	1,595	2.4	6	72	459	1,058	100	0.4	4.5	28.8	66.3
Arteriosclerosis	1,300	2.0	-	1	73	1,226	100	0	0.1	5.6	94.3
Immaturity	1,208	1.8	1,208	-	-	-	100	100	0	0	0
Congenital malformations	1,026	1.6	922	51	37	16	100	89.9	5.0	3.6	1.5
Postnatal asphyxia and atelectasis	884	1.3	884	-	-	-	100	100	0	0	0
All other causes	10,663	16.2	1,927	1,542	2,977	4,217	100	18.1	14.5	27.9	39.5

* Including 5 of unknown age.

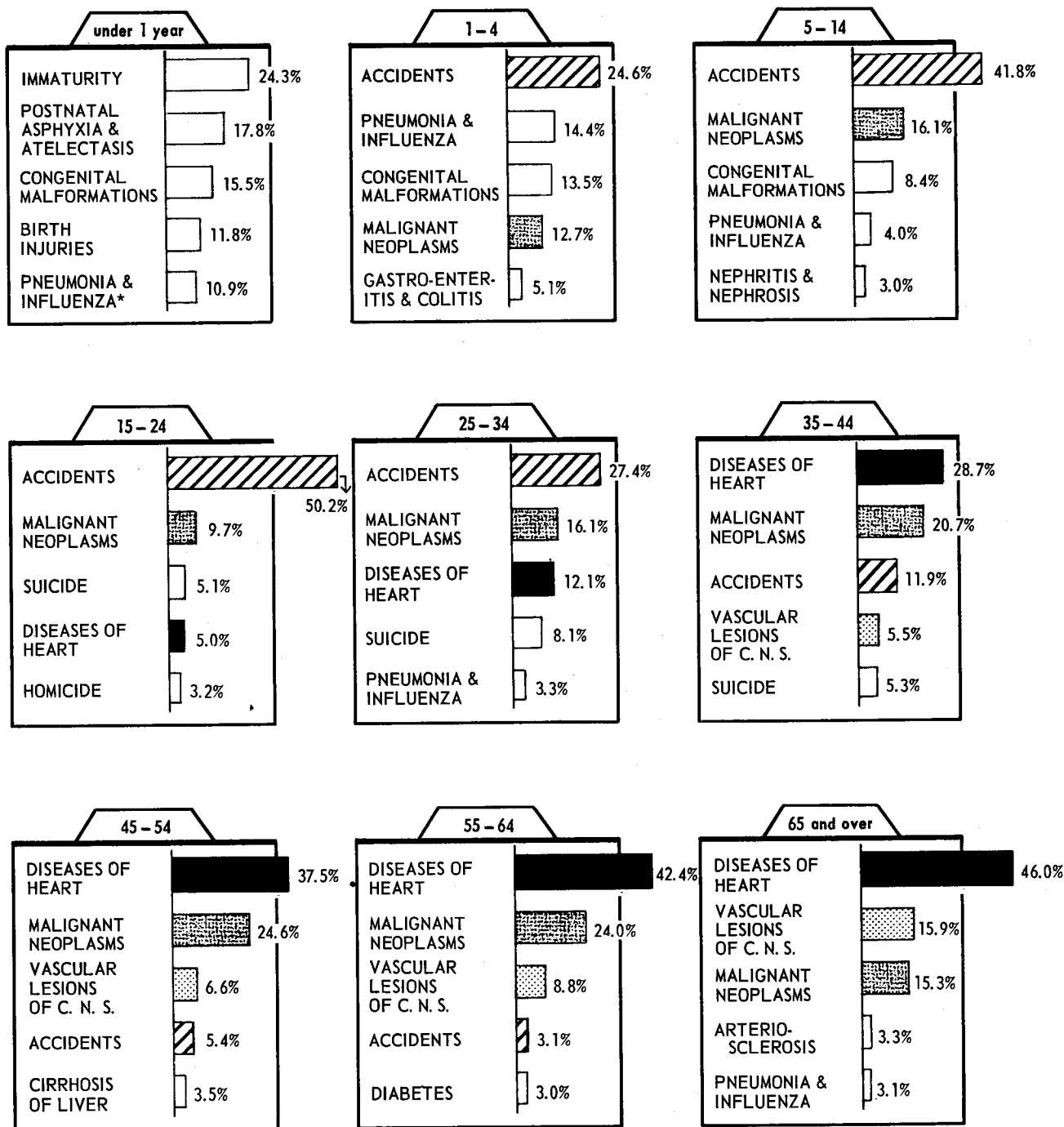
** Excluding pneumonia of newborn.

The four leading causes of death accounted for 71% of all deaths. The first three of these, heart, cancer and vascular lesions occurred largely among the older age groups, with only 4%, 10%, and 3%, respectively, under 45 years.

However, in the fourth leading cause, accidental deaths, 52% were under 45 years of age. With the exception of deaths due to immaturity, congenital malformations, and postnatal asphyxia and atelectasis, which occur largely in infancy, accidental deaths is the only one of the ten leading causes with approximately half (52%) of the deaths under 45 years of age. The fifth cause, pneumonia and influenza, follows in line in this respect with 30% of the deaths under 45 years of age.

It is interesting to note that diabetes, the sixth leading cause of death, and heart disease, the first leading cause, follow a similar percentage distribution of age at death

LEADING CAUSES OF DEATH BY AGE GROUPS---MICHIGAN, 1958



*Includes pneumonia of newborn.

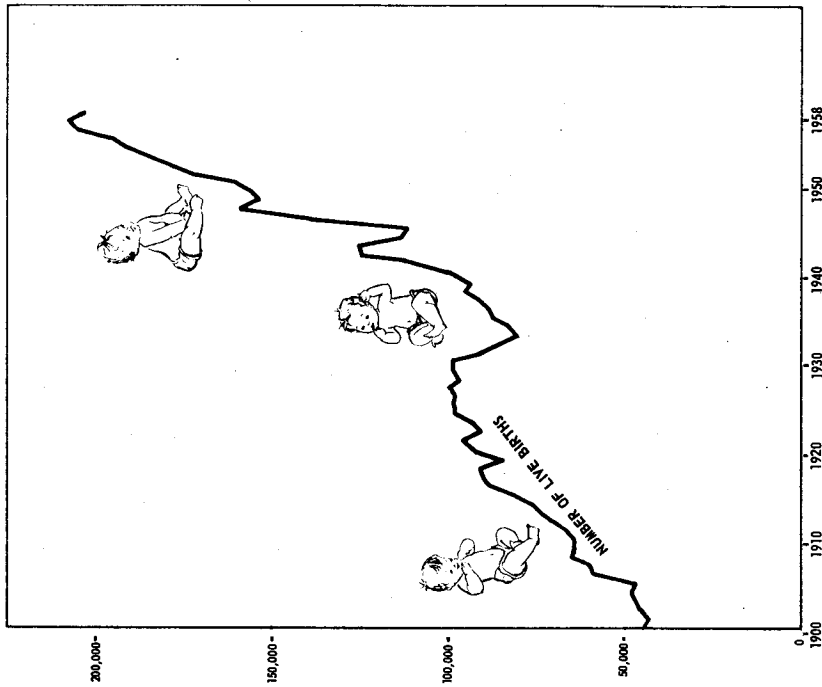
Diseases of the heart lead as a cause of death among all age groups 35 years and over and constitute an increasingly larger percentage of the total deaths in each successively older age group.

Accidents lead as a cause of death in all age groups under 35 years with the exception of infants under 1 year, and appear among the 5 leading causes in all age groups except the under 1 year and the 65 & over groups.

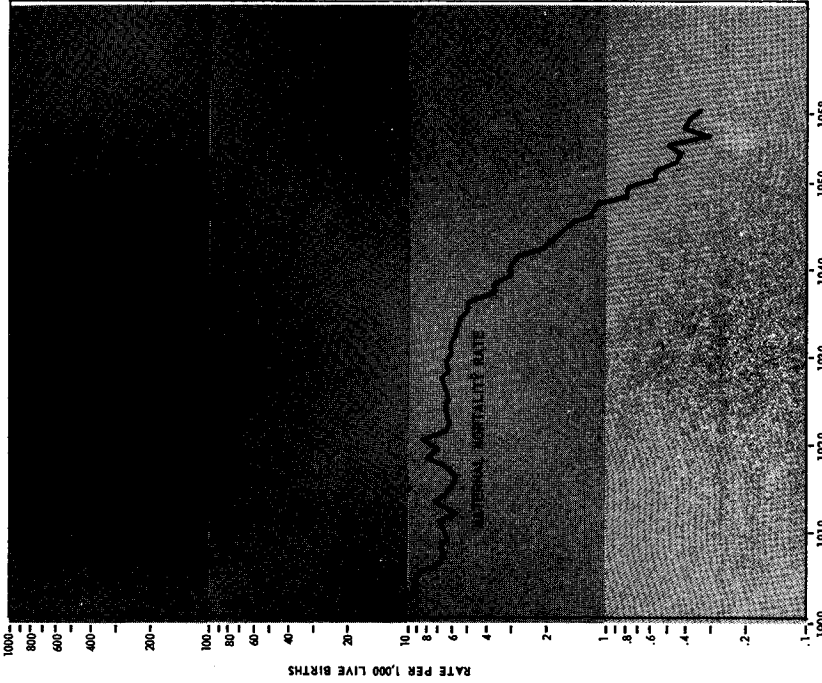
Malignant neoplasms first appear in the age group 1-4 years as the 4th ranking cause of death. It is the 2nd leading cause in the 5-14 years age group and maintains this position in all successive age groups until shifting to 3rd position in the 65 & over group.

LIVE BIRTHS, INFANT & MATERNAL MORTALITY RATES MICHIGAN, 1900 - 1958

NUMBER OF LIVE BIRTHS



INFANT & MATERNAL MORTALITY RATES



The number of live births has followed an increasingly upward trend since 1900 except for the depression years of the 1930's and the World War II years of the mid 1940's. The slight decrease in the number of births in 1958 follows a period of 9 consecutive years of increase.

Along with this remarkable increase in the number of live births, the trends of both maternal and infant death rates have declined. However, the two patterns of decline have not been the same.

From 1900-1934 the mortality rates decreased more for infants than for mothers. Since 1935 the pattern reversed; the mortality rate has decreased almost twice as fast for mothers as for infants.

MORTALITY RATE	PERCENTAGE DECREASE		
	1900-1958	1900-1934	1935-1958
Infant	84.3	66.8	48.4
Maternal	96.7	48.2	93.2

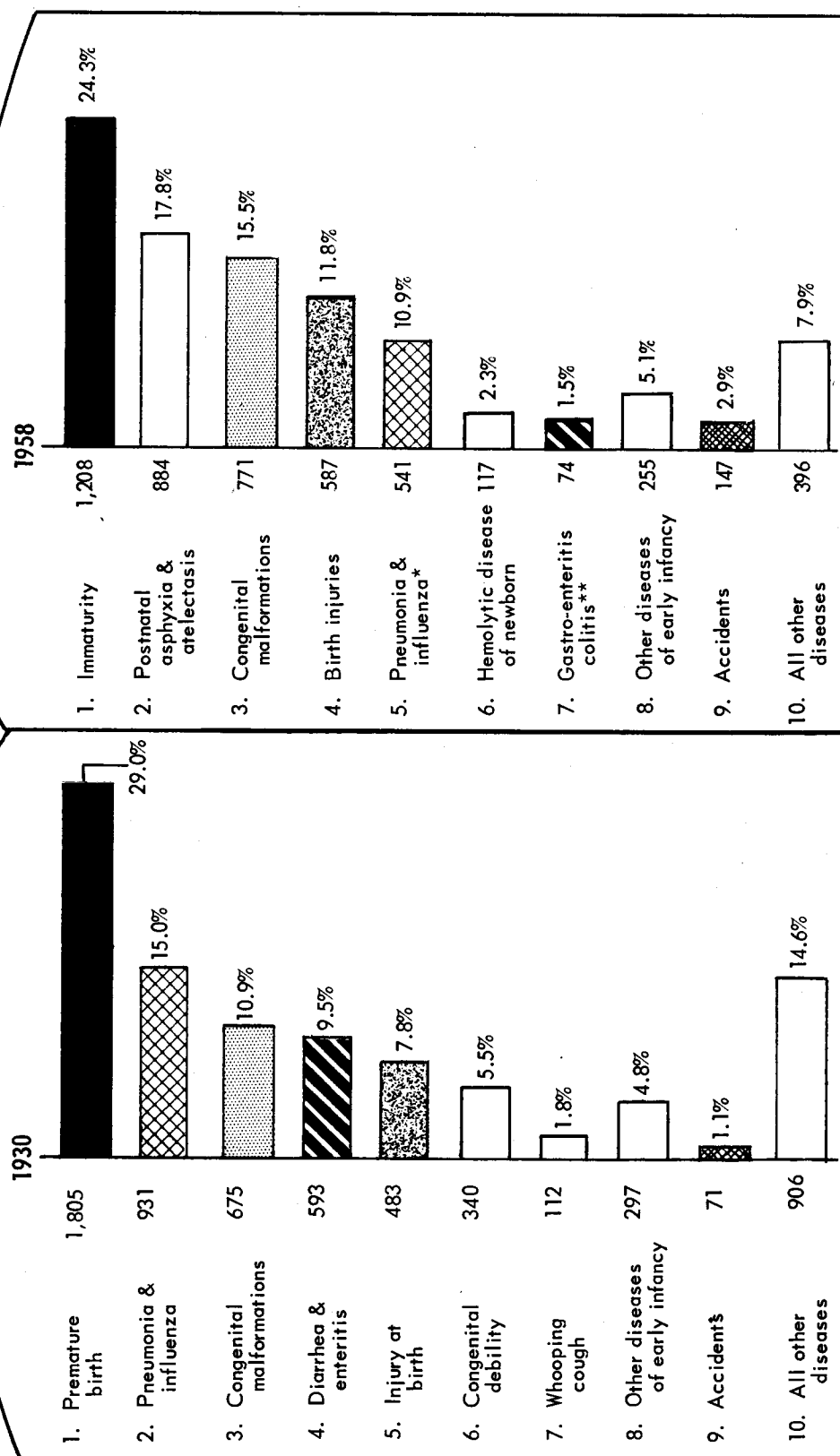
IN MICHIGAN

DURING 1930 DURING 1958

6,213 INFANTS DIED 4,980 INFANTS DIED

BEFORE REACHING 1 YEAR OF AGE

WHY?

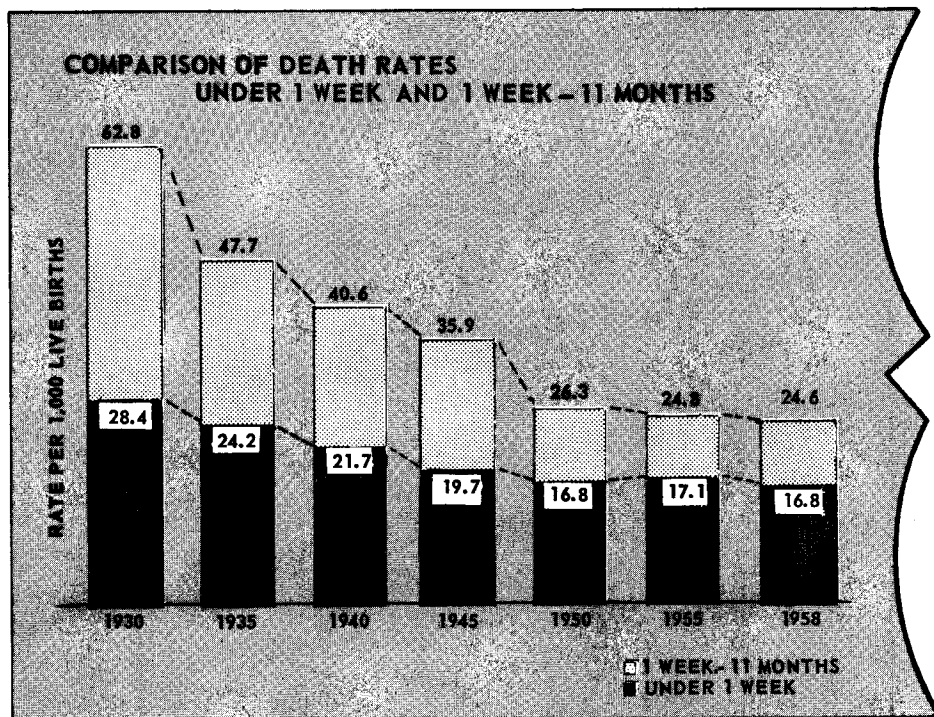


*Includes 137 pneumonia of newborn
 **Includes 9 diarrhea of newborn

Colored bars indicate causes of death common to both years.

INFANT MORTALITY TRENDS

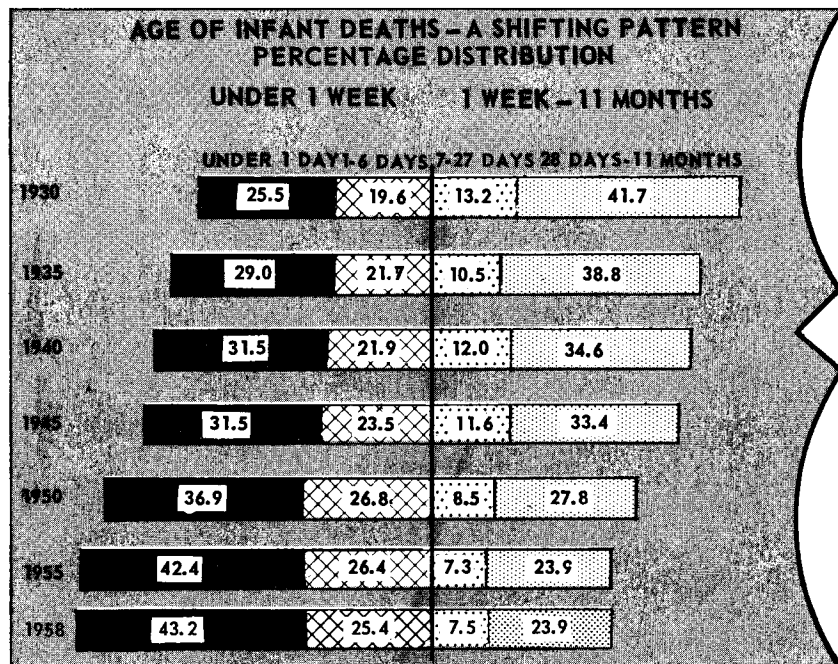
Michigan; 1930 - 1958



'30 - '58: DECREASES

77% IN 1 WEEK - 11 MONTHS

41% IN UNDER 1 WEEK



INFANT DEATHS

MORE AND MORE CONCENTRATED IN THE FIRST WEEK OF LIFE

	Under 1 week	1 week - 11 months
1930	45%	55%
1958	69%	31%

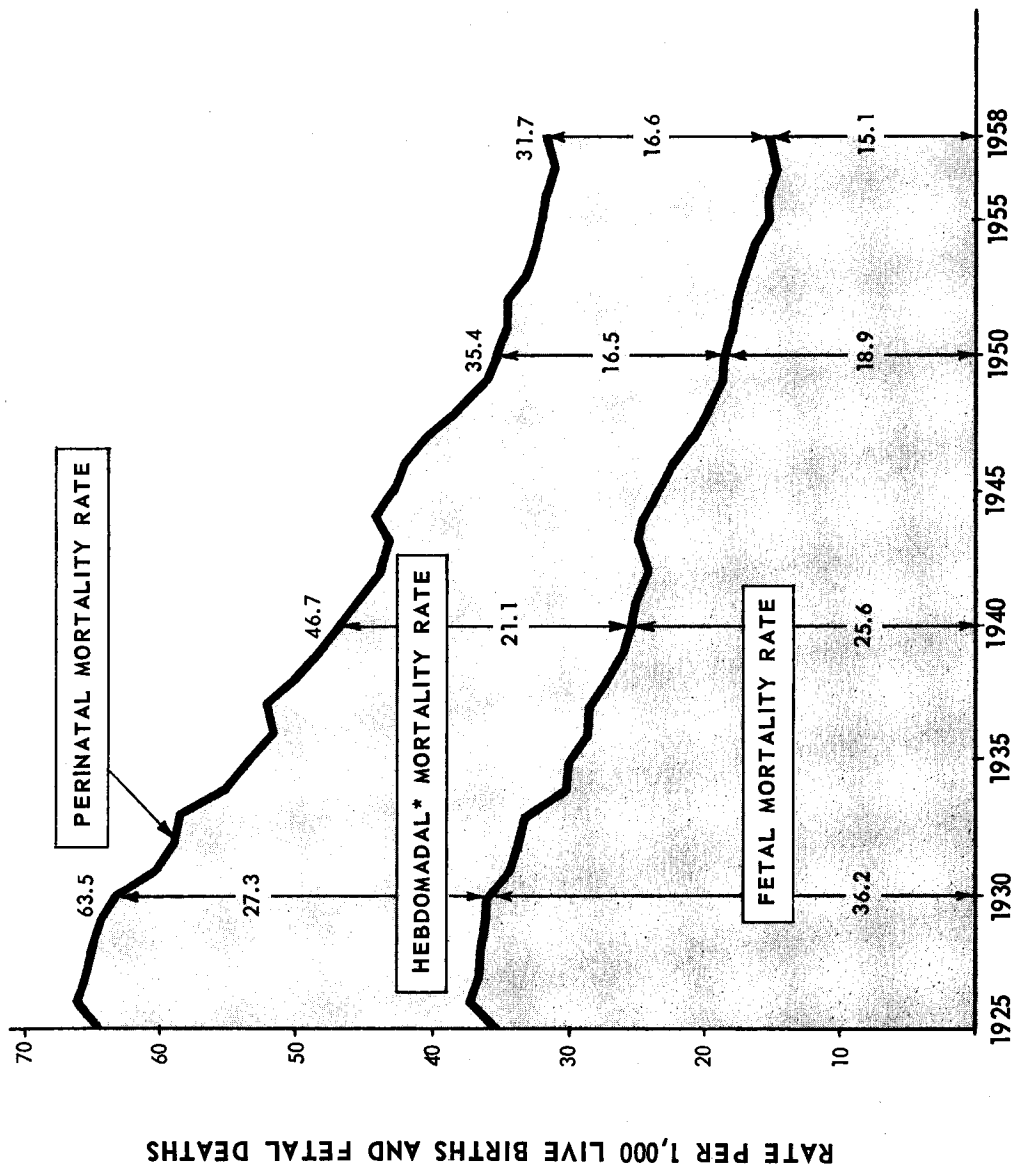
NOW A 2 TO 1 RATIO

(2 deaths under 1 week to every 1 death 1 week - 11 months)

PERINATAL MORTALITY TRENDS

AND RELATIONSHIP OF COMPONENT PARTS MICHIGAN, 1925-1958

Year	PROPORTION CONTRIBUTED TO PERINATAL MORTALITY BY:	
	Fetal Deaths	Hebdomadal Deaths*
1925	.550	.450
1930	.571	.429
1935	.562	.438
1940	.548	.452
1945	.551	.449
1950	.521	.479
1955	.475	.525
1958	.476	.524



SINCE 1925

Perinatal mortality rate
decreased 51%

Hebdomadal mortality rate
decreased 43%

Fetal mortality rate
decreased 58%

*Deaths under 1 week of age
Perinatal deaths include all reported fetal deaths and infant deaths under 1 week of age

PERINATAL MORTALITY

LEADING CAUSES OF FETAL AND HEBDOMADAL* DEATHS

Michigan, 1958

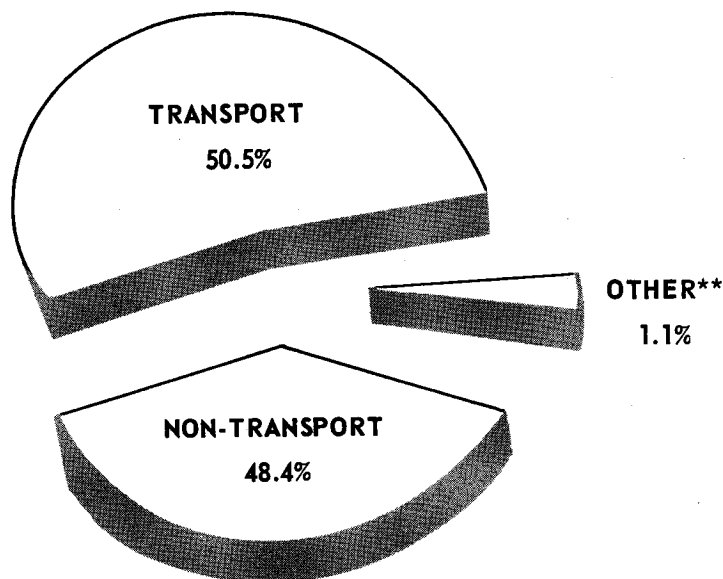
FETAL DEATHS 48%		HEBDOMADAL DEATHS* 52%			
	Number	Percent			
TOTAL	3,101	100	TOTAL	3,415	100
1. Placental & cord conditions	1,294	41.7	1. Immaturity	1,290	37.8
2. Erythroblastosis	267	8.6	2. Postnatal asphyxia & atelectasis	847	24.8
3. Congenital malformations	262	8.5	3. Birth injury	569	16.7
4. Difficulties in labor	196	6.3	4. Congenital malformations	400	11.7
5. Toxemias of pregnancy	136	4.4	5. Hemolytic disease of newborn	110	3.2
Ill-defined & unspecified causes	712	23.0	Other causes	199	5.8
Other causes	234	7.5			

*Deaths under 1 week of age

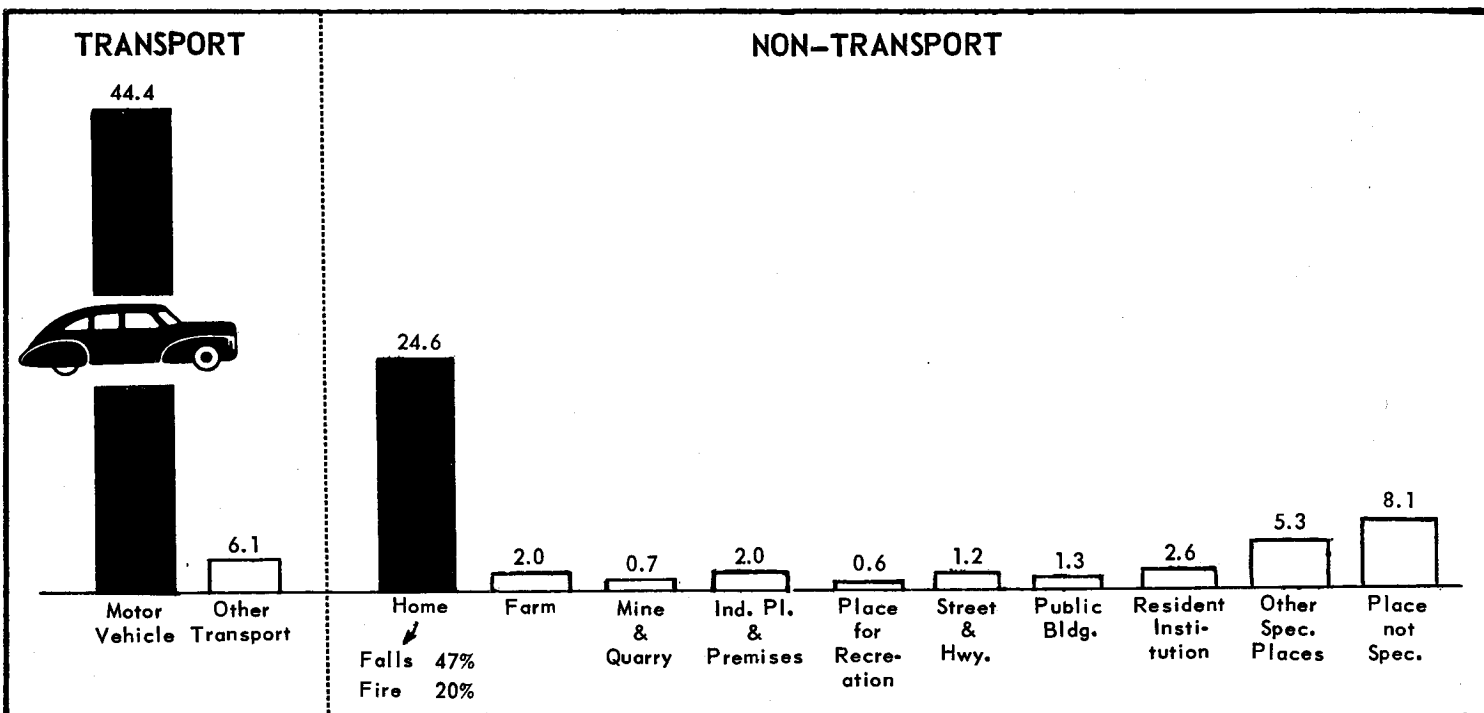
ACCIDENTAL DEATHS: 4th LEADING CAUSE OF DEATH

MICHIGAN*, 1958

(PERCENTAGE DISTRIBUTION)



WHERE DID THEY OCCUR ?



*By place of residence

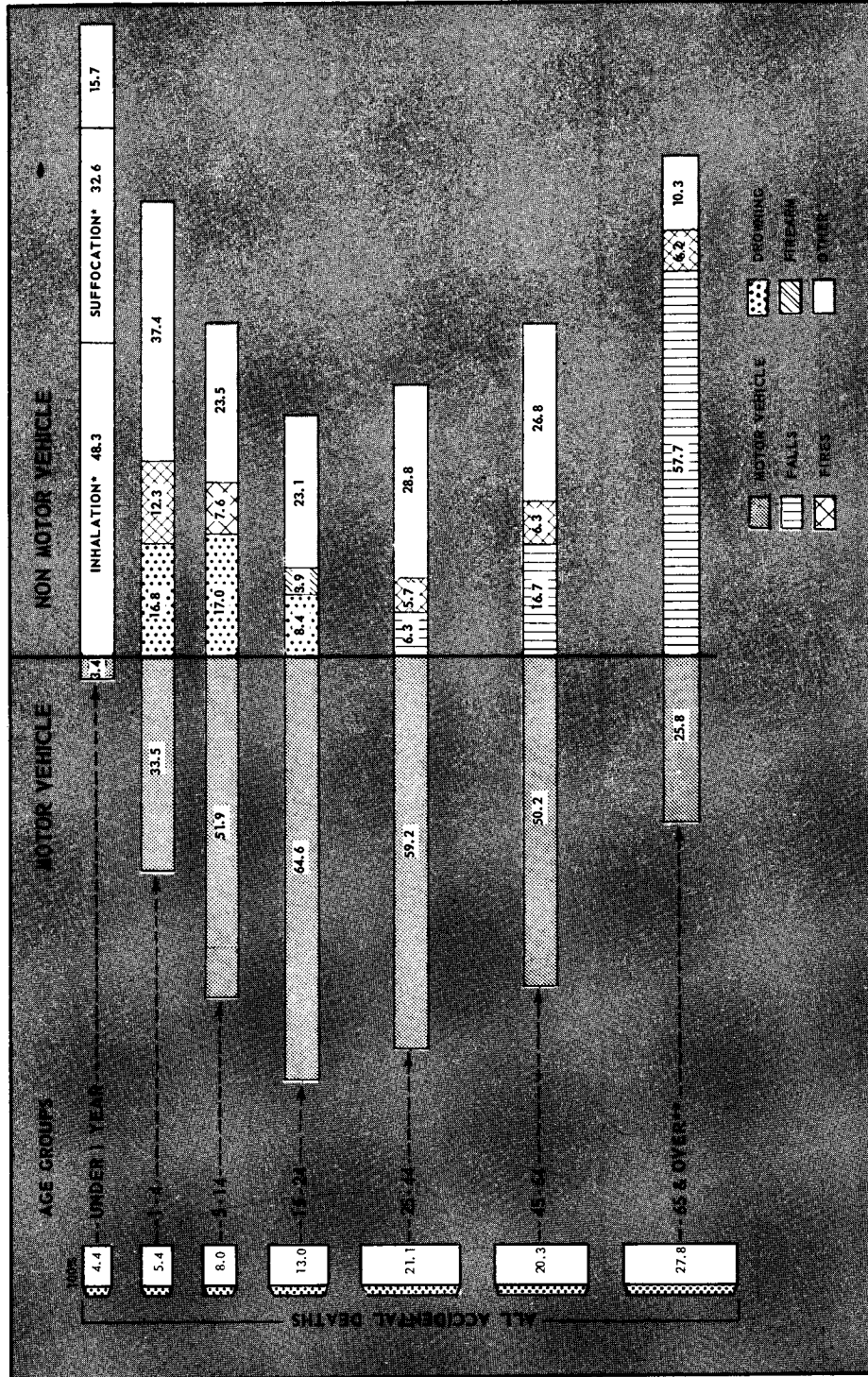
**Includes therapeutic misadventures and late complications, complications of non-therapeutic procedures, late effects of injury and poisoning.

ACCIDENTAL DEATHS BY AGE AND LEADING CAUSES

PERCENTAGE DISTRIBUTION

MICHIGAN, 1958

COMPARISON OF MOTOR VEHICLE AND NON MOTOR VEHICLE WITHIN SPECIFIED AGE GROUPS



The proportion of motor vehicle accidental deaths increases with each advancing age group reaching a peak of 65% in the 15-24 year group; the proportion then decreases with each successively older age group.

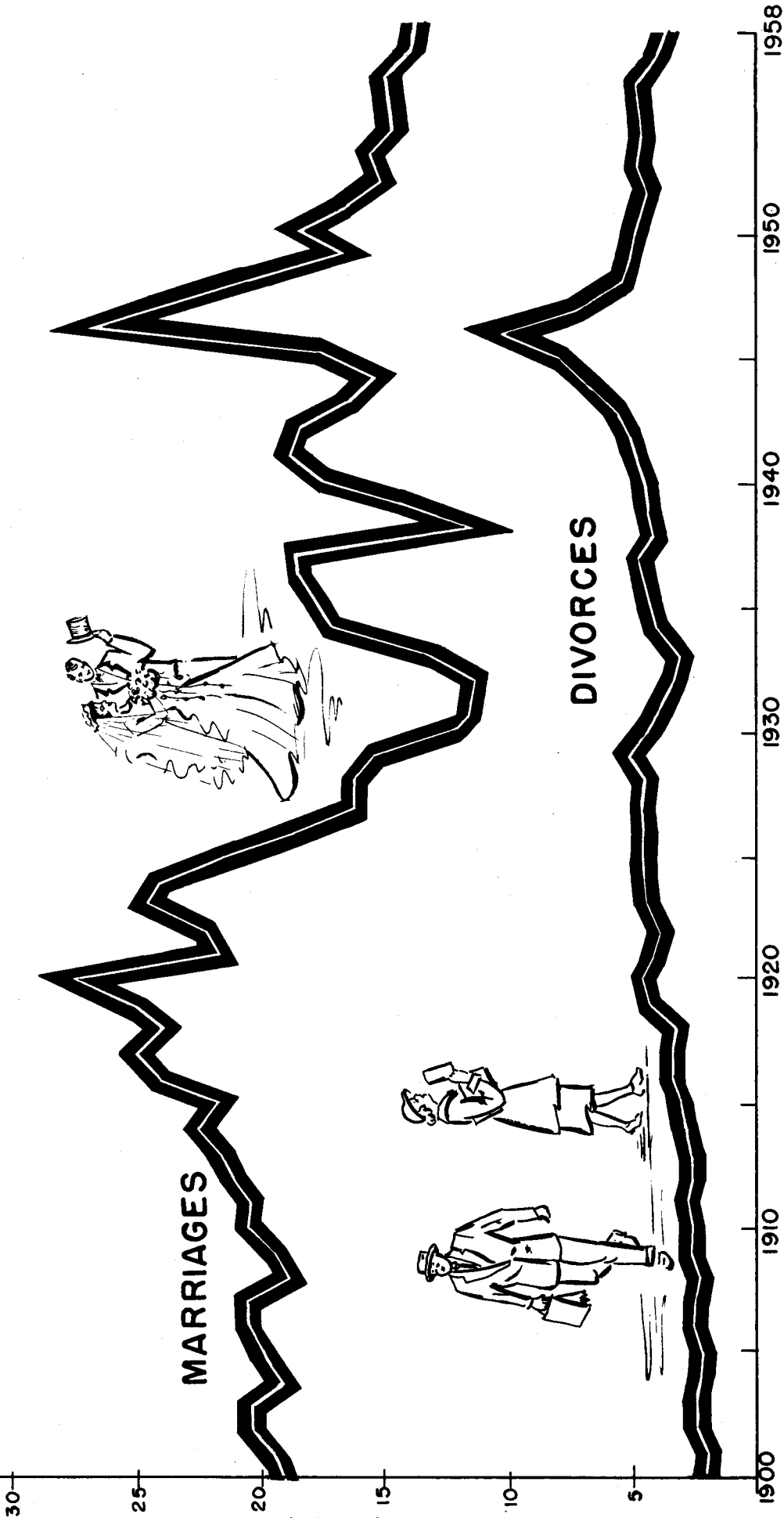
Motor vehicle accidental deaths are the leading cause of death in all but the 2 extreme age groups—Under-one-year and 65-and-Over; inhalation leads in the Under-one-year group and falls lead in the 65-and-Over group. In the latter age group falls account for 58% of the accidental deaths.

*The 2 causes - inhalation or ingestion of food or other objects causing obstruction or suffocation and mechanical suffocation are leading causes of accidental death only in infants under one year of age.

**Includes 2 deaths of unknown age.

MARRIAGES AND DIVORCES

MICHIGAN 1900-1958



The two peak years for marriages were 1920 and 1946, with rates of 27.7 and 27.6, respectively, both of which reflect postwar demobilization. The marked decreases during the 1930's were undoubtedly due to the depression years. The peak year for divorces was 1946 with a rate of 10.2. This likewise reflects postwar demobilization. Since 1950 in spite of minor annual fluctuations the trend in both marriage and divorce rates has been slightly downward. The current divorce rate is the lowest since 1933 and the marriage rate the lowest since 1938. The low marriage rate is probably due partially to the low birth rates during the depression years.

Note: All rates refer to persons married or divorced.

Statistical Methods Section
Michigan Department of Health

TABLES

TABLE 1A - POPULATION; LIVE BIRTHS - TOTAL AND ILLEGITIMATE; DEATHS - ALL AGES, INFANT, NEONATAL, PERINATAL, FETAL, MATERNAL, AND DEATHS DUE TO IMMATURITY; MARRIAGES; AND DIVORCES
MICHIGAN, 1900 - 1958

(Deaths exclusive of fetal deaths. Perinatal deaths include deaths under 1 week and fetal deaths. Divorces include annulments.)

Year	Population	NUMBER										Marriages	Divorces
		LIVE BIRTHS		DEATHS									
		Total	Illegitimate	All Ages	Under 1 Yr	Under 28 Days	Perinatal	Due to Immaturity	Fetal	Maternal			
1900	2,420,982	43,699	332	32,453	6,866				620	1,325	452	23,295	2,435
1901	2,459,901	43,221	365	32,834	6,319				524	1,501	531	24,079	2,448
1902	2,498,820	45,546	383	31,472	5,949				608	1,793	468	25,653	2,828
1903	2,537,739	46,020	490	33,176	6,488				542	1,814	427	26,029	2,945
1904	2,576,658	47,508	562	34,494	6,419				632	1,911	436	24,918	2,808
1905	2,615,578	46,976	444	34,679	7,054				751	2,044	416	26,307	2,825
1906	2,654,497	58,599	1,090	37,033	7,952				830	2,358	400	27,519	3,192
1907	2,693,416	59,029	1,041	36,701	6,906				855	2,358	391	27,940	3,107
1908	2,732,335	64,772	888	36,761	7,697				975	2,694	440	25,765	3,020
1909	2,771,254	64,323	1,068	36,313	7,443				1,152	2,540	405	27,353	3,516
1910	2,810,173	64,109	1,054	39,913	7,998				2,050	2,559	431	29,039	3,716
1911	2,895,997	65,756	1,083	38,007	7,131				2,223	2,716	451	29,859	4,125
1912	2,981,821	69,537	1,222	38,804	6,985				2,340	2,906	396	31,694	3,838
1913	3,067,645	73,058	1,227	40,827	7,659				2,480	2,953	528	33,529	3,978
1914	3,153,469	76,761	1,192	39,906	7,431				2,391	3,113	507	35,316	4,395
1915	3,239,293	81,100	1,363	40,441	6,943				2,207	3,357	488	35,527	4,757
1916	3,325,116	87,062	1,351	46,047	8,415				2,498	3,689	503	40,143	5,540
1917	3,410,940	89,419	1,101	47,236	7,916				2,369	3,550	586	42,791	5,627
1918	3,496,764	91,261	1,142	54,617	8,197				2,362	3,686	709	33,260	5,493
1919	3,582,588	84,062	1,002	45,636	7,560				2,183	3,361	578	45,579	7,469
1920	3,668,412	92,245	1,445	51,982	8,587				2,512	3,770	795	50,805	8,679
1921	3,785,799	96,035	1,346	44,186	7,584				2,481	3,669	605	41,508	7,676
1922	3,903,186	90,042	1,180	43,817	6,730				1,793	3,779	551	43,561	7,591
1923	4,020,573	92,956	1,210	49,333	7,477				1,911	3,657	583	49,569	8,745
1924	4,137,960	98,187	1,443	47,304	7,088	4,119	6,791		1,970	3,703	636	49,788	9,400
1925	4,255,347	98,983	1,258	49,417	7,498	4,022	6,667		1,987	3,670	629	46,276	9,650
1926	4,372,734	98,289	1,669	54,080	7,620	4,054	6,773		1,986	3,816	631	39,788	9,795
1927	4,490,121	99,940	1,872	50,600	6,766	3,915	6,794		1,911	3,834	667	36,276	10,617
1928	4,607,508	97,462	1,853	54,755	6,806	3,739	6,594		1,846	3,701	603	37,300	10,615
1929	4,724,895	98,695	1,632	56,117	6,605	3,777	6,613		1,853	3,710	617	36,816	12,094
1930	4,842,325	98,882	1,600	51,561	6,213	3,624	6,518		1,805	3,714	597	29,482	10,639
1931	4,883,703	90,547	1,633	49,068	5,187	3,084	5,643		1,473	3,220	539	28,856	9,507
1932	4,925,081	85,254	1,697	49,569	4,630	2,798	5,210		1,372	2,980	493	28,552	7,889
1933	4,966,459	80,482	2,041	48,507	4,094	2,591	4,906		1,364	2,776	447	33,132	7,671
1934	5,007,837	83,944	2,124	50,440	4,377	2,717	4,781		1,419	2,607	450	43,241	10,124
1935	5,049,216	87,403	2,194	51,051	4,170	2,550	4,832		1,389	2,717	438	45,313	10,844
1936	5,090,594	88,457	2,157	54,777	4,479	2,647	4,726		1,395	2,625	425	47,023	11,419
1937	5,131,972	91,566	2,234	53,468	4,374	2,700	4,919		1,415	2,707	326	47,954	12,472
1938	5,173,350	96,962	2,331	50,678	4,319	2,734	4,984		1,484	2,732	345	30,105	10,646
1939	5,214,728	94,432	2,217	52,017	3,952	2,594	4,706		1,396	2,572	280	37,725	11,589
1940	5,256,106	99,106	2,280	52,092	4,022	2,629	4,749		1,298	2,602	292	46,342	12,054
1941	5,437,546	107,498	2,370	52,671	4,166	2,687	4,991		1,353	2,769	298	50,989	13,317
1942	5,538,857	124,068	2,532	52,738	4,606	3,091	5,581		1,575	3,067	260	51,582	14,085
1943	5,377,329	125,441	2,569	56,774	4,804	2,979	5,563		1,488	3,213	237	44,385	15,259
1944	5,377,329	113,586	3,115	54,016	4,326	2,784	5,140		1,412	2,874	198	41,678	18,356
1945	5,435,092	111,557	3,485	53,641	4,008	2,670	4,906		1,339	2,703	166	48,329	21,133
1946	5,708,415	138,572	3,908	54,856	4,541	3,323	5,978		1,735	3,168	163	78,808	29,158
1947	6,069,000	160,275	4,311	56,807	5,055	3,677	6,583		1,953	3,422	173	71,319	21,386
1948	6,195,000	153,726	4,310	56,520	4,617	3,352	5,968		1,820	3,132	120	61,986	16,017
1949	6,352,000	156,469	3,953	57,107	4,520	3,232	5,746		1,795	2,994	105	53,109	16,274
1950	6,371,766	160,055	4,425	57,567	4,214	3,043	5,781		1,096	3,095	91	58,180	15,979
1951	6,545,000	172,451	4,367	59,181	4,505	3,296	6,088		1,232	3,158	94	53,411	15,446
1952	6,708,000	177,835	4,513	59,138	4,689	3,414	6,266		1,256	3,224	82	50,487	14,925
1953	6,852,000	182,968	4,770	62,087	4,728	3,389	6,188		1,114	3,180	79	53,308	16,537
1954	7,024,000	192,104	5,610	60,706	4,795	3,560	6,415		1,298	3,249	94	51,243	16,281
1955	7,236,000	196,294	5,883	63,087	4,873	3,707	6,381		1,272	3,029	61	55,698	17,676
1956	7,516,000	206,068	6,494	64,352	5,047	3,796	6,655		1,244	3,245	84	57,068	16,228
1957	7,803,000	208,488	6,789	66,435	5,093	3,884	6,668		1,322	3,154	79	55,121	15,442
1958	7,866,000	202,690	6,816	65,899	4,980	3,789	6,516		1,208	3,101	69	55,159	14,040

Note: For the years 1900 - 1910 and 1912, illegitimate live births also include illegitimate fetal deaths. For years prior to 1950 deaths under 1 month of age are included in deaths under 28 days. From 1910 through 1921 deaths due to immaturity also include deaths from congenital debility.

TABLE 1B - LIVE BIRTH RATES - TOTAL AND ILLEGITIMATE; DEATH RATES - ALL AGES, INFANT, NEONATAL, PERINATAL,
FETAL, MATERNAL AND DEATH RATES DUE TO IMMATURITY; MARRIAGE AND DIVORCE RATES
MICHIGAN, 1900 - 1958

(Birth rate, death rate for all ages, rate of persons married and rate of persons divorced per 1,000 population. Illegitimate live birth ratio, fetal death ratio, death rates under 1 year, under 28 days, and death rates due to immaturity per 1,000 live births. Maternal death rates per 10,000 live births. Perinatal death rate - number of deaths under 1 week and fetal deaths per 1,000 live births and fetal deaths.)

Year	R A T E										
	LIVE BIRTHS		D E A T H S							P E R S O N S	
	Total	Illegit- imate	All Ages	Under 1 Yr	Under 28 Days	Peri- natal	Due to Immaturity	Fetal	Maternal	Married	Divorced
1900	18.1	7.6	13.4	157.1			14.2	30.3	103.4	19.2	2.0
1901	17.6	8.4	13.3	146.2			12.1	34.7	122.9	19.6	2.0
1902	18.2	8.4	12.6	130.6			13.3	39.4	102.8	20.5	2.3
1903	18.1	10.6	13.1	141.0			11.8	39.4	92.8	20.5	2.3
1904	18.4	11.8	13.4	135.1			13.3	40.2	91.8	19.3	2.2
1905	18.0	9.5	13.3	150.2			16.0	43.5	88.6	20.1	2.2
1906	22.1	18.6	14.0	135.7			14.2	40.2	68.3	20.7	2.4
1907	21.9	17.6	13.6	117.0			14.5	39.9	66.2	20.7	2.3
1908	23.7	13.7	13.5	118.8			15.1	41.6	67.9	18.9	2.2
1909	23.2	16.6	13.1	115.7			17.9	39.5	63.0	19.7	2.5
1910	22.8	16.4	14.2	124.8			32.0	39.9	67.2	20.7	2.6
1911	22.7	16.5	13.1	108.4			33.8	41.3	68.6	20.6	2.8
1912	23.3	17.6	13.0	100.4			33.6	41.8	56.9	21.3	2.6
1913	23.8	16.8	13.3	104.8			33.9	40.4	72.3	21.9	2.6
1914	24.3	15.5	12.7	96.8			31.1	40.6	66.0	22.4	2.8
1915	25.0	16.8	12.5	85.6			27.2	41.4	60.2	21.9	2.9
1916	26.2	15.5	13.8	96.7			28.7	42.4	57.8	24.1	3.3
1917	26.2	12.3	13.8	88.5			26.5	39.7	65.5	25.1	3.3
1918	26.1	12.5	15.6	89.8			25.9	40.4	77.7	19.0	3.1
1919	23.5	11.9	12.7	89.9			26.0	40.0	68.8	25.4	4.2
1920	25.1	15.7	14.2	93.1			27.2	40.9	86.2	27.7	4.7
1921	25.4	14.0	11.7	79.0			25.8	38.2	63.0	21.9	4.1
1922	23.1	13.1	11.2	74.7			19.9	42.0	61.2	22.3	3.9
1923	23.1	13.0	12.3	80.4			20.6	39.3	62.7	24.7	4.4
1924	23.7	14.7	11.4	72.2	41.9	66.7	20.1	37.7	64.8	24.1	4.5
1925	23.3	12.7	11.6	75.7	40.6	64.9	20.1	37.1	63.5	21.7	4.5
1926	22.5	17.0	12.4	77.5	41.2	66.3	20.2	38.8	64.2	18.7	4.5
1927	22.3	18.7	11.3	67.7	39.2	65.5	19.1	38.4	66.7	16.2	4.7
1928	21.2	19.0	11.9	69.8	38.4	65.2	18.9	38.0	61.9	16.2	4.6
1929	20.9	16.5	11.9	66.9	38.3	64.6	18.8	37.6	62.5	15.6	5.1
1930	20.4	16.2	10.6	62.8	36.6	63.5	18.3	37.6	60.4	12.2	4.4
1931	18.5	18.0	10.1	57.3	34.1	60.2	16.3	35.6	59.5	11.8	3.9
1932	17.3	19.9	10.1	54.3	32.8	59.0	16.1	35.0	57.8	11.6	3.2
1933	16.2	25.4	9.8	50.9	32.2	58.9	16.9	34.5	55.5	13.3	3.1
1934	16.8	25.3	10.1	52.1	32.4	55.2	16.9	31.1	53.6	17.3	4.0
1935	17.3	25.1	10.1	47.7	29.2	53.6	15.9	31.1	50.1	17.9	4.3
1936	17.4	24.4	10.8	50.6	29.9	51.9	15.8	29.7	48.0	18.5	4.5
1937	17.8	24.4	10.4	47.8	29.5	52.2	15.5	29.6	35.6	18.7	4.9
1938	18.7	24.0	9.8	44.5	28.2	50.0	15.3	28.2	35.6	11.6	4.1
1939	18.1	23.5	10.0	41.8	27.5	48.5	14.8	27.2	29.6	14.5	4.4
1940	18.9	23.0	9.9	40.6	26.5	46.7	13.1	26.3	29.5	17.6	4.6
1941	19.8	22.0	9.7	38.8	25.0	45.3	12.6	25.8	27.7	18.8	4.9
1942	22.4	20.4	9.5	37.1	24.9	43.9	12.7	24.7	21.0	18.6	5.1
1943	23.3	20.5	10.6	38.3	23.7	43.2	11.9	25.6	18.9	16.5	5.7
1944	21.1	27.4	10.0	38.1	24.5	44.1	12.4	25.3	17.4	15.5	6.8
1945	20.5	31.2	9.9	35.9	23.9	42.9	12.0	24.2	14.9	17.8	7.8
1946	24.3	28.2	9.6	32.8	24.0	42.2	12.5	22.9	11.8	27.6	10.2
1947	26.4	26.9	9.4	31.5	22.9	40.2	12.2	21.4	10.8	23.5	7.1
1948	24.8	28.0	9.1	30.0	21.8	38.0	11.8	20.4	7.8	20.0	5.2
1949	24.6	25.3	9.0	28.9	20.7	36.0	11.5	19.1	6.7	16.7	5.1
1950	25.1	27.6	9.0	26.3	19.0	35.4	6.8	19.3	5.7	18.3	5.0
1951	26.3	25.3	9.0	26.1	19.1	34.7	7.1	18.3	5.5	16.3	4.7
1952	26.5	25.4	8.8	26.4	19.2	34.6	7.1	18.1	4.6	15.1	4.4
1953	26.7	26.1	9.1	25.8	18.5	33.2	6.1	17.4	4.3	15.6	4.8
1954	27.3	29.2	8.6	25.0	18.5	32.8	6.8	16.9	4.9	14.6	4.6
1955	27.1	30.0	8.7	24.8	18.9	32.0	6.5	15.4	3.1	15.4	4.9
1956	27.4	31.5	8.6	24.5	18.4	31.8	6.0	15.7	4.1	15.2	4.3
1957	26.7	32.6	8.5	24.4	18.6	31.5	6.3	15.1	3.8	14.1	4.0
1958	25.8	33.6	8.4	24.6	18.7	31.7	6.0	15.3	3.4	14.0	3.6

Note: For the years 1900 - 1910 and 1912, illegitimate live births also include illegitimate fetal deaths. For years prior to 1950 deaths under 1 month of age are included in deaths under 28 days. From 1910 through 1921 deaths due to immaturity also include deaths from congenital debility.

TABLE 2A - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES
MICHIGAN, 1900 - 1958

Year	Diphtheria	Scarlet fever	Smallpox	Typhoid fever	Whooping cough	Measles	Infectious hepatitis	Tuberculosis (all forms)	Meningococcal infections	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		2,928	448				
1905	2,159	2,286	2,985	2,774	1,196	6,061		2,590	577				
1906	3,648	3,066	1,240	3,163	1,364	7,403		2,653	533				
1907	2,935	2,514	1,712	1,953	872	12,139		2,699	575				
1908	2,658	3,087	2,306	2,656	1,248	4,775		2,705	487				
1909	3,109	5,153	1,533	2,694	1,054	9,047		3,423	457				
1910	3,433	6,501	3,319	3,361	1,136	13,934		4,415	522	104			
1911	3,762	5,177	898	2,660	1,897	9,639		5,254	478	68			
1912	3,294	4,533	1,127	2,847	1,255	2,834		1,958	88	78			
1913	5,505	4,140	1,995	2,253	929	9,185		1,920	165	56			
1914	5,149	3,769	1,527	2,167	1,822	11,356		2,566	205	49			
1915	4,386	3,402	1,094	1,956	2,258	4,438		3,648	107	95			
1916	5,625	6,932	1,581	2,513	1,837	12,143		7,076	163	598			
1917	8,499	14,322	3,674	1,723	3,211	14,472		4,856	75	91			
1918	6,128	5,944	5,241	1,339	2,563	6,726		3,655	95	121			
1919	7,896	6,269	2,381	1,254	1,829	8,885		4,231	75	155	5,077	7,910	186
1920	10,360	10,280	4,818	1,421	7,171	22,364		4,994	203	67	8,117	11,463	262
1921	12,075	10,893	4,512	1,837	6,696	3,043		5,708	173	483	7,421	9,774	153
1922	8,513	9,687	1,230	1,108	5,642	12,107		5,573	159	43	7,900	9,717	90
1923	7,725	12,868	2,311	982	7,617	30,041		5,471	186	39	10,480	9,597	235
1924	6,011	12,989	4,527	782	4,364	18,290		5,570	157	647	13,000	10,490	183
1925	3,925	12,303	784	962	7,576	10,332		5,785	128	99	14,668	10,660	104
1926	5,377	12,681	549	583	8,776	39,946		5,387	96	107	14,872	10,707	103
1927	4,575	11,011	1,467	581	6,818	8,303		5,406	138	282	15,713	9,318	107
1928	3,724	10,486	1,335	390	9,700	27,039		5,885	276	77	15,323	8,592	100
1929	4,618	14,245	2,410	310	9,340	18,040		6,248	1,864	180	16,606	9,661	333
1930	3,206	11,174	2,375	504	7,937	28,129		5,128	901	208	16,538	8,554	163
1931	1,831	13,023	915	424	11,448	6,212		6,132	293	1,137	14,662	7,843	170
1932	1,188	15,255	222	513	13,091	42,129		7,103	129	112	11,969	6,963	140
1933	1,152	16,419	46	453	11,720	21,654		6,624	86	93	7,691	6,447	85
1934	614	19,238	49	486	11,255	6,528		5,264	53	230	6,483	6,188	132
1935	645	11,849	16	355	13,427	79,061		4,642	113	614	6,416	6,372	110
1936	661	12,650	32	287	14,287	2,453		5,157	120	152	6,401	6,460	133
1937	842	24,798	152	241	11,426	6,154		6,469	87	421	8,708	7,072	244
1938	619	18,362	274	285	14,563	79,400		6,335	69	59	14,684	7,046	341
1939	452	15,836	371	177	8,997	12,948		6,119	46	904	13,144	6,364	286
1940	264	10,366	76	120	11,757	20,206		6,063	49	1,228	9,999	7,650	218
1941	242	8,756	114	147	16,512	70,748		5,371	49	270	11,370	8,767	359
1942	243	7,503	17	74	11,602	8,569		5,720	66	162	12,461	8,753	276
1943	281	5,044	18	115	12,091	51,764		6,546	757	255	15,933	9,526	260
1944	419	8,963	10	78	4,049	26,711		6,419	857	884	17,288	11,987	185
1945	630	9,304	16	59	5,339	6,328	134	5,471	270	215	16,046	12,565	244
1946	385	5,977	3	85	8,116	42,261	34	5,548	185	1,091	18,051	12,635	206
1947	238	4,834	1	77	10,472	9,574	14	6,470	113	646	15,276	10,989	216
1948	126	5,934	-	49	2,668	42,952	9	6,109	107	775	12,100	9,448	465
1949	119	8,852	-	48	4,157	20,279	28	5,953	120	2,909	8,740	9,427	336
1950	84	4,665	-	43	9,184	38,245	48	5,538	133	2,029	8,830	8,678	202
1951	48	8,181	-	33	3,156	15,227	325	6,144	138	1,463	6,532	8,494	187
1952	45	8,325	-	53	1,992	32,941	283	6,152	169	3,912	7,377	7,691	58
1953	12	5,885	-	31	2,932	23,334	868	5,643	151	2,346	5,619	8,790	43
1954	57	5,142	-	30	5,620	40,725	1,419	5,764	150	2,168	4,686	9,940	47
1955	59	5,880	-	24	4,249	23,882	1,244	5,488	170	1,177	4,865	10,306	58
1956	220	7,349	-	56	1,907	41,966	814	5,515	182	656	4,785	9,598	52
1957	130	7,193	-	12	1,363	19,070	657	5,011	175	498	4,571	8,428	97
1958	6	5,380	-	18	1,233	41,448	688	5,587	228	1,228	4,267	8,621	178

Note: Meningococcal infections - prior to 1952 data were for meningococccic meningitis.

TABLE 2B - CASE RATES OF CERTAIN REPORTED COMMUNICABLE DISEASES
MICHIGAN, 1900 - 1958

(Rates per 100,000 Population)

Year	Diphtheria	Scarlet fever	Smallpox	Typhoid fever	Whooping cough	Measles	Infectious hepatitis	Tuberculosis (all forms)	Meningococcal infections	Poliomyelitis	Syphilis	Gonorrhea	Chancroid
1900	111.8	278.2	28.7	211.6	139.4	840.8		112.4	27.0				
1901	101.5	314.1	206.8	122.0	120.1	188.2		118.5	20.6				
1902	119.8	263.4	283.6	98.3	141.4	479.3		106.4	21.1				
1903	144.6	210.9	249.9	111.9	164.4	352.3		108.2	20.7				
1904	136.2	158.7	223.3	117.5	69.0	403.1		113.6	17.4				
1905	82.5	87.4	114.1	106.1	45.7	231.7		99.0	22.1				
1906	137.4	115.5	46.7	119.2	51.4	278.9		99.9	20.1				
1907	109.0	93.3	63.6	72.5	32.4	450.7		100.2	21.3				
1908	97.3	113.0	84.4	97.2	45.7	174.8		99.0	17.8				
1909	112.2	185.9	55.3	97.2	38.0	326.5		123.5	16.5				
1910	122.2	231.3	118.1	119.6	40.4	495.8		157.1	18.6	3.7			
1911	129.9	178.8	31.0	91.8	65.5	332.8		181.4	16.5	2.3			
1912	110.5	152.0	37.8	95.5	42.1	95.0		65.7	3.0	2.6			
1913	179.5	135.0	65.0	73.4	30.3	299.4		62.6	5.4	1.8			
1914	163.3	119.5	48.4	68.7	57.8	360.1		81.4	6.5	1.6			
1915	135.4	105.0	33.8	60.4	69.7	137.0		112.6	3.3	2.9			
1916	169.2	208.5	47.5	75.6	55.2	365.2		212.8	4.9	18.0			
1917	249.2	419.9	107.7	50.5	94.1	424.3		142.4	2.2	2.7			
1918	175.2	170.0	149.9	38.3	73.3	192.4		104.5	2.7	3.5			
1919	220.4	175.0	66.5	35.0	51.1	248.0		118.1	2.1	4.3	141.7	220.8	5.2
1920	282.4	280.2	131.3	38.7	195.5	609.6		136.1	5.5	1.8	221.3	312.5	7.1
1921	318.9	287.7	119.2	48.5	176.9	80.4		150.8	4.6	12.8	196.0	258.2	4.0
1922	218.1	248.2	31.5	28.4	144.5	310.2		142.8	4.1	1.1	202.4	248.9	2.3
1923	192.1	320.1	57.5	24.4	189.5	747.2		136.1	4.6	1.0	260.7	238.7	5.8
1924	145.3	313.9	109.4	18.9	105.5	442.0		134.6	3.8	15.6	314.2	253.5	4.4
1925	92.2	289.1	18.4	22.6	178.0	242.8		135.9	3.0	2.3	344.7	250.5	2.4
1926	123.0	290.0	12.6	13.3	200.7	913.5		123.2	2.2	2.4	340.1	244.9	2.4
1927	101.9	245.2	32.7	12.9	151.8	184.9		120.4	3.1	6.3	349.9	207.5	2.4
1928	80.8	227.6	29.0	8.5	210.5	586.9		127.7	6.0	1.7	332.6	186.5	2.2
1929	97.7	301.5	51.0	6.6	197.7	381.8		132.2	39.4	3.8	351.4	204.5	7.0
1930	66.2	230.8	49.0	10.4	163.9	580.9		105.9	18.6	4.3	341.5	176.6	3.4
1931	37.5	266.7	18.7	8.7	234.4	127.2		125.6	6.0	23.3	300.2	160.6	3.5
1932	24.1	309.7	4.5	10.4	265.8	855.4		144.2	2.6	2.3	243.0	141.4	2.8
1933	23.2	330.6	0.9	9.1	236.0	436.0		133.4	1.7	1.9	154.9	129.8	1.7
1934	12.3	384.2	1.0	9.7	224.8	130.4		105.1	1.1	4.6	129.5	123.6	2.6
1935	12.8	234.7	0.3	7.0	265.9	1,565.8		91.9	2.2	12.2	127.1	126.2	2.2
1936	13.0	248.5	0.6	5.6	280.7	48.2		101.3	2.4	3.0	125.7	126.9	2.6
1937	16.4	483.2	3.0	4.7	222.6	119.9		126.1	1.7	8.2	169.7	137.8	4.8
1938	12.0	354.9	5.3	5.5	281.5	1,534.8		122.5	1.3	1.1	283.8	136.2	6.6
1939	8.7	303.7	7.1	3.4	172.5	248.3		117.3	0.9	17.3	252.0	122.0	5.5
1940	5.0	197.2	1.4	2.3	223.7	384.4		115.3	0.9	23.4	190.2	145.5	4.1
1941	4.5	161.0	2.1	2.7	303.7	1,301.1		98.8	0.9	5.0	209.1	161.2	6.6
1942	4.4	135.5	0.3	1.3	209.5	154.7		103.3	1.2	2.9	225.0	158.0	5.0
1943	5.2	93.8	0.3	2.1	224.8	962.6		121.7	14.1	4.7	296.3	177.1	4.8
1944	7.8	166.7	0.2	1.5	75.3	496.7		119.4	15.9	16.4	321.5	222.9	3.4
1945	11.6	171.2	0.3	1.1	98.2	116.4	2.5	100.7	5.0	4.0	295.2	231.2	4.5
1946	6.7	104.7	0.1	1.5	142.2	740.3	0.6	97.2	3.2	19.1	316.2	221.3	3.6
1947	3.9	79.6	0.0	1.3	172.5	157.8	0.2	106.6	1.9	10.6	251.7	181.1	3.6
1948	2.0	95.8	0.0	0.8	43.1	693.3	0.1	98.6	1.7	12.5	195.3	152.5	7.5
1949	1.9	139.4	0.0	0.8	65.4	319.3	0.4	93.7	1.9	45.8	137.6	148.4	5.3
1950	1.3	73.2	0.0	0.7	144.1	600.2	0.8	86.9	2.1	31.8	138.6	136.2	3.2
1951	0.7	125.0	0.0	0.5	48.2	232.7	5.0	93.9	2.1	22.4	99.8	129.8	2.9
1952	0.7	124.1	0.0	0.8	29.7	491.1	4.2	91.7	2.5	58.3	110.0	114.7	0.9
1953	0.2	85.9	0.0	0.5	42.8	340.5	12.7	82.4	2.2	34.2	82.0	128.3	0.6
1954	0.8	73.2	0.0	0.4	80.0	579.8	20.2	82.1	2.1	30.9	66.7	141.5	0.7
1955	0.8	81.3	0.0	0.3	58.7	330.0	17.2	75.8	2.3	16.3	67.2	142.4	0.8
1956	2.9	97.8	0.0	0.7	25.4	558.4	10.8	73.4	2.4	8.7	63.7	127.7	0.7
1957	1.7	92.2	0.0	0.2	17.5	244.4	8.4	64.2	2.2	6.4	58.6	108.0	1.2
1958	0.1	68.4	0.0	0.2	15.7	526.9	8.7	71.0	2.9	15.6	54.2	109.6	2.3

Note: Meningococcal infections - prior to 1952 data were for meningococcal meningitis.

TABLE 3 - DEATHS DUE TO CERTAIN COMMUNICABLE DISEASES, AND RATES
MICHIGAN, 1900 - 1958

(Rates per 100,000 Population)

Year	Diphtheria		Scarlet Fever		Smallpox		Typhoid Fever		Whooping Cough		Measles		Tuberculosis of the Respiratory System		Tuberculosis (all forms)		Poliomyelitis		Syphilis*		Gonorrhea	
	No.	Rate	No.	Rate	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	2,018	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	2,152	87.5	2,548	103.6			88	3.6		
1902	504	20.2	277	11.1	42	1.7	608	24.3	289	11.6	238	9.5	2,088	83.6	2,462	98.5			114	4.6		
1903	686	27.0	200	7.9	29	1.1	606	23.9	383	15.1	176	6.9	2,155	84.9	2,562	101.0			130	5.2		
1904	515	20.0	210	8.1	26	1.0	641	24.9	148	5.7	194	7.5	2,306	89.5	2,761	107.2			101	4.0		
1905	478	18.3	123	4.7	74	2.8	636	24.3	131	5.0	123	4.7	2,288	87.5	2,732	104.4			89	3.5		
1906	472	17.8	227	8.6	3	0.1	721	27.2	469	17.7	251	9.5	2,303	86.8	2,737	103.1			89	3.4		
1907	421	15.6	159	5.9	8	0.3	594	22.1	223	8.3	256	9.5	2,338	86.8	2,728	101.3			94	3.6		
1908	343	12.6	194	7.1	11	0.4	687	25.1	305	11.2	121	4.4	2,249	82.3	2,706	99.0			118	4.5		
1909	395	14.3	275	9.9	4	0.1	653	23.6	217	7.8	270	9.7	2,237	80.7	2,629	94.9			127	4.8		
1910	495	17.6	297	10.6	121	4.3	654	23.3	318	11.3	251	8.9	2,273	80.9	2,756	98.1	52	1.9	65	2.3		
1911	473	16.3	208	7.2	7	0.2	551	19.0	254	8.8	200	6.9	2,284	78.9	2,766	95.5	55	1.9	104	3.6		
1912	465	15.6	186	6.2	3	0.1	534	17.9	252	8.5	118	4.0	2,289	76.8	2,744	92.0	48	1.7	90	3.1		
1913	676	22.0	283	9.2	5	0.2	538	17.5	292	9.5	258	8.4	2,243	73.1	2,703	88.1	43	1.5	136	4.6		
1914	507	16.1	177	5.6	2	0.1	400	12.7	304	9.6	180	5.7	2,325	73.7	2,799	88.8	41	1.4	160	5.3		
1915	354	10.9	107	3.3	5	0.2	353	10.9	236	7.3	101	3.1	2,527	78.0	2,986	92.2	36	1.2	163	5.3		
1916	507	15.2	177	5.3	2	0.1	424	12.8	228	6.9	363	10.9	2,573	77.4	3,070	92.3	141	4.6	206	6.7		
1917	851	24.9	340	10.0	9	0.3	386	11.3	360	10.6	259	7.6	2,779	81.5	3,310	97.0	44	1.4	224	7.1		
1918	686	19.6	181	5.2	18	0.5	337	9.6	496	14.2	270	7.7	3,059	87.5	3,612	103.3	58	1.8	290	9.1		
1919	764	21.3	179	5.0	10	0.3	272	7.6	172	4.8	183	5.1	2,620	73.1	3,127	87.3	80	2.2	299	8.2		
1920	888	24.2	305	8.3	14	0.4	297	8.1	511	13.9	436	11.9	2,645	72.1	3,149	85.8	30	0.8	314	8.4		
1921	954	25.2	334	8.8	12	0.3	285	7.5	316	8.3	58	1.5	2,285	60.4	2,736	72.3	100	2.6	226	5.9	14	0.4
1922	620	15.9	217	5.6	20	0.5	192	4.9	232	5.9	232	5.9	2,232	57.2	2,654	68.0	21	0.5	186	4.7	6	0.2
1923	675	16.8	304	7.6	13	0.3	202	5.0	323	8.0	258	6.4	2,410	59.9	2,837	70.6	18	0.5	262	6.8	5	0.1
1924	470	11.4	265	6.4	226	5.5	149	3.6	169	4.1	221	5.3	2,474	59.8	2,952	71.3	116	3.0	271	7.0	13	0.3
1925	358	8.4	208	4.9	22	0.5	157	3.7	260	6.1	69	1.6	2,410	56.6	2,830	66.5	31	0.7	282	6.6	27	0.6
1926	677	15.5	235	5.4	4	0.1	119	2.7	355	8.1	577	13.2	2,601	59.5	3,041	69.5	34	0.8	327	7.5	12	0.3
1927	516	11.5	168	3.7	-	0	94	2.1	201	4.5	67	1.5	2,514	56.0	2,952	65.7	69	1.5	305	6.8	16	0.4
1928	384	8.3	178	3.9	2	0.0	83	1.8	219	4.8	303	6.6	2,647	57.4	3,108	67.5	27	0.6	384	8.4	19	0.4
1929	498	10.5	145	3.1	9	0.2	81	1.7	255	5.4	146	3.1	2,685	56.8	3,140	66.5	50	1.1	397	8.4	19	0.4
1930	299	6.2	130	2.7	9	0.2	87	1.8	176	3.6	231	4.8	2,443	50.5	2,912	60.1	39	0.8	395	8.2	12	0.2
1931	172	3.5	122	2.5	4	0.1	73	1.5	190	3.9	28	0.6	2,263	46.3	2,660	54.5	108	2.2	361	7.4	3	0.1
1932	106	2.2	112	2.3	1	0.0	56	1.1	199	4.0	183	3.7	2,101	42.7	2,463	50.0	23	0.5	377	7.7	2	0.0
1933	112	2.3	157	3.2	-	0	50	1.0	153	3.1	111	2.2	1,996	40.2	2,348	47.3	5	0.1	327	6.6	7	0.1
1934	38	0.8	171	3.4	-	0	65	1.3	141	2.8	36	0.7	1,909	38.1	2,199	43.9	25	0.5	402	8.0	10	0.2
1935	58	1.1	98	1.9	-	0	34	0.7	132	2.6	184	3.6	1,741	34.5	2,044	40.5	32	0.6	393	7.8	3	0.1
1936	52	1.0	114	2.2	-	0	37	0.7	107	2.1	12	0.2	1,816	35.7	2,100	41.3	21	0.4	394	7.7	6	0.1
1937	72	1.4	148	2.9	1	0.0	29	0.6	132	2.6	11	0.2	1,860	36.2	2,119	41.3	51	1.0	401	7.8	8	0.2
1938	44	0.9	87	1.7	-	0	23	0.4	116	2.2	100	1.9	1,633	31.6	1,866	36.1	10	0.2	401	7.8	8	0.2
1939	25	0.5	69	1.3	-	0	25	0.5	76	1.5	29	0.6	1,651	31.7	1,881	36.1	40	0.8	389	7.5	4	0.1
1940	20	0.4	41	0.8	1	0.0	11	0.2	59	1.1	19	0.4	1,547	29.4	1,752	33.3	72	1.4	591	11.2	3	0.0
1941	18	0.3	32	0.6	1	0.0	14	0.3	91	1.7	65	1.2	1,532	28.2	1,723	31.7	18	0.3	537	9.9	1	0.0
1942	24	0.4	23	0.4	-	0	5	0.1	72	1.3	8	0.1	1,630	29.4	1,827	33.0	10	0.2	559	10.1	7	0.1
1943	21	0.4	11	0.2	-	0	9	0.2	101	1.9	89	1.7	1,588	29.5	1,802	33.5	27	0.5	579	10.8	3	0.0
1944	32	0.6	7	0.1	1	0.0	7	0.1	33	0.6	49	0.9	1,544	28.7	1,748	32.5	45	0.8	543	10.1	2	0.0
1945	46	0.8	9	0.2	-	0	3	0.1	36	0.7	10	0.2	1,591	29.3	1,758	32.3	20	0.4	527	9.7	2	0.0
1946	27	0.5	3	0.1	-	0	6	0.1	44	0.8	47	0.8	1,645	28.8	1,843	32.3	89	1.6	547	9.6	-	0
1947	23	0.4	6	0.1	-	0	5	0.1	63	1.0	5	0.1	1,483	24.4	1,643	27.1	29	0.5	502	8.3	3	0.0
1948	8	0.1	1	0.0	-	0	4	0.1	9	0.1	43	0.7	1,395	22.5	1,561	25.2	54	0.9	512	8.3	-	0
1949	11	0.2	4	0.1	-	0	1	0.0	22	0.3	33	0.5	1,254	19.7	1,400	22.0	216	3.4	455	7.2	-	0
1950	2	0.0	1	0.0	-	0	5	0.1	28	0.4	28	0.4	1,134	17.8	1,270	19.9	128	2.0	325	5.1	1	0.0
1951	6	0.1	-	0	-	0	1	0.0	21	0.3	11	0.2	1,049	16.0	1,154	17.6	67	1.0	299	4.6	1	0.0
1952	2	0.0	-	0	-	0	-	0	8	0.1	17	0.3	689	10.3	775	11.6	213	3.2	174	2.6	2	0.0
1953	2	0.0	1	0.0	-	0	-	0	11	0.2	16	0.2	536	7.8	607	8.9	108	1.6	182	2.7	1	0.0
1954	3	0.0	3	0.0	-	0	-	0	17	0.2	17	0.2	471	6.7	530	7.5	89	1.3	139	2.0	2	0.0
1955	1	0.0	1	0.0	-	0	1	0.0	8	0.1	10	0.1	435	6.0	477	6.6	32	0.4	115	1.6	1	0.0
1956	6	0.1	3	0.0	-	0	-	0	6	0.1	26	0.3	426	5.7	466	6.2	22	0.3	114	1.5	4	0.1
1957	1	0.0	-	0	-	0	-	0	6	0.1	23	0.3	403	5.2	442	5.7	15	0.2	105	1.3	4	0.1
1958	-	0	-	0	-	0	-	0	1	0.0	18	0.2	357	4.5	395	5.0	37	0.5	84	1.1	8	0.1

* From 1901 through 1920, syphilis includes all other venereal diseases.

TABLE 4 - DEATHS DUE TO SPECIFIED CAUSES, AND RATES

MICHIGAN, 1900 - 1958

(Rates per 100,000 Population)

Year	Heart Disease		Cancer (all forms)		Vascular Lesions Affecting Central Nervous System		Accidents (all forms)		Motor Vehicle Accidents		Diabetes		Pneumonia		Immaturity		Nephritis (all forms)	
	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	2,136	88.2	1,740	71.9			224	9.3	2,388	98.6	620	25.6	1,061	43.8
1901	3,040	123.6	1,484	60.3	2,147	87.3	1,901	77.3			264	10.7	2,901	117.9	524	21.3	1,121	45.6
1902	3,302	132.1	1,483	59.3	2,097	83.9	1,796	71.9			289	11.6	2,637	105.5	608	24.3	1,287	51.5
1903	3,702	145.9	1,694	66.8	2,321	91.5	2,017	79.5			265	10.4	2,607	102.7	542	21.4	1,413	55.7
1904	3,981	154.5	1,728	67.1	2,431	94.3	2,035	79.0			298	11.6	2,646	102.7	632	24.5	1,498	58.1
1905	3,715	142.0	1,693	64.7	2,405	91.9	2,034	77.8			267	10.2	2,417	92.4	751	28.7	1,434	54.8
1906	3,933	148.2	1,736	65.4	2,554	96.2	2,126	80.1			311	11.7	2,621	98.7	830	31.3	1,448	54.5
1907	4,269	158.5	1,747	64.9	2,690	99.9	2,209	82.0			352	13.1	3,018	112.0	855	31.7	1,499	55.7
1908	4,202	153.8	1,921	70.3	2,630	96.3	2,036	74.5			359	13.1	2,313	84.7	975	35.7	1,487	54.4
1909	4,354	157.1	1,948	70.3	2,739	98.8	1,903	68.7			374	13.5	2,265	81.7	1,152	41.6	1,521	54.9
1910	4,581	163.0	2,105	74.9	3,091	110.0	2,158	76.8	49	1.7	398	14.2	2,785	99.1	2,050	72.9	2,078	73.9
1911	4,639	160.2	2,142	74.0	2,916	100.7	2,121	73.2	44	1.5	373	12.9	2,763	95.4	2,223	76.8	1,952	67.4
1912	5,324	178.5	2,291	76.8	2,707	90.8	2,005	67.2	75	2.5	448	15.0	2,796	93.8	2,340	78.5	2,081	69.8
1913	4,908	160.0	2,388	77.8	2,834	92.4	2,333	76.1	132	4.3	483	15.7	3,082	100.5	2,480	80.8	2,332	76.0
1914	5,124	162.5	2,414	76.6	2,993	94.9	2,108	66.8	120	3.8	503	16.0	2,909	92.2	2,391	75.8	2,259	71.6
1915	5,538	171.0	2,567	79.2	3,384	104.5	2,219	68.5	190	5.9	498	15.4	3,229	99.7	2,207	68.1	2,264	69.9
1916	5,819	175.0	2,710	81.5	3,559	107.0	2,853	85.8	257	7.7	500	15.0	3,698	111.2	2,498	75.1	2,398	72.1
1917	6,103	178.9	2,765	81.1	3,703	108.6	2,925	85.8	335	9.8	569	16.7	4,455	130.6	2,369	69.5	2,765	81.1
1918	6,091	174.2	2,931	83.8	3,493	99.9	2,599	74.3	279	8.0	591	16.9	7,238	207.0	2,362	67.5	2,614	74.8
1919	5,651	157.7	2,990	83.5	3,483	97.2	2,612	72.9	328	9.2	559	15.6	4,081	113.9	2,183	60.9	2,352	65.6
1920	6,732	183.5	3,158	86.1	3,876	105.7	2,646	72.1	397	10.8	577	15.7	5,794	157.9	2,512	68.5	2,420	66.0
1921	6,176	163.1	3,373	89.1	3,931	103.8	2,476	65.4	403	10.6	586	15.5	2,849	75.3	2,481	65.5	2,362	62.4
1922	6,897	176.7	3,481	89.2	4,041	103.5	2,475	63.4	529	13.6	650	16.7	3,728	95.5	1,793	45.9	2,383	61.1
1923	7,266	180.7	3,545	88.2	4,420	109.9	2,826	70.3	677	16.8	635	15.8	4,719	117.4	1,911	47.5	2,527	62.9
1924	6,985	168.8	3,824	92.4	4,241	102.5	3,090	74.7	1,001	24.2	661	16.0	3,332	80.5	1,970	47.6	2,466	59.6
1925	7,540	177.2	3,858	90.7	4,623	108.6	3,278	77.0	1,103	25.9	746	17.5	3,294	77.4	1,987	46.7	2,554	60.0
1926	8,281	189.4	4,087	93.5	4,663	106.6	3,557	81.3	1,221	27.9	743	17.0	4,440	101.5	1,986	45.4	3,330	76.2
1927	8,780	195.5	4,264	95.0	4,378	97.5	3,634	80.9	1,389	30.9	819	18.2	3,543	78.9	1,911	42.6	3,101	69.1
1928	9,786	212.4	4,381	95.1	4,718	102.4	3,704	80.4	1,429	31.0	905	19.6	4,518	98.1	1,846	40.1	3,413	74.1
1929	10,185	215.6	4,571	96.7	4,694	99.3	3,913	82.8	1,552	32.8	935	19.8	4,216	89.2	1,853	39.2	3,137	66.4
1930	9,947	205.4	4,572	94.4	4,533	93.6	3,805	78.6	1,572	32.5	880	18.2	3,321	68.6	1,805	37.3	3,098	64.0
1931	10,206	209.0	4,763	97.5	4,388	89.8	3,630	74.3	1,516	31.0	950	19.5	2,883	59.0	1,473	30.2	2,934	60.1
1932	11,162	226.6	4,935	100.2	4,518	91.7	3,179	64.5	1,229	25.0	1,121	22.8	3,238	65.7	1,372	27.9	2,953	60.0
1933	11,509	231.7	5,055	101.8	4,318	86.9	3,304	66.5	1,278	25.7	1,103	22.2	2,756	55.5	1,364	27.5	3,008	60.6
1934	11,824	236.1	5,370	107.2	4,485	89.6	3,774	75.4	1,511	30.2	1,100	22.0	3,466	69.2	1,419	28.3	3,096	61.8
1935	12,456	246.7	5,399	106.9	4,420	87.5	3,771	74.7	1,676	33.2	1,228	24.3	3,801	75.3	1,389	27.5	2,974	58.9
1936	13,374	262.7	5,752	113.0	4,705	92.4	5,246	103.1	1,924	37.8	1,266	24.9	4,096	80.5	1,395	27.4	3,033	59.6
1937	13,233	257.8	5,732	111.7	4,378	85.3	4,580	89.2	2,187	42.6	1,255	24.5	4,098	79.8	1,415	27.6	2,931	57.1
1938	13,887	268.4	6,059	117.1	4,543	87.8	3,608	69.7	1,490	28.8	1,283	24.8	2,869	55.5	1,484	28.7	2,770	53.5
1939	14,898	285.7	6,296	120.7	4,415	84.7	3,761	72.1	1,553	29.8	1,360	26.1	2,803	53.8	1,396	26.8	2,808	53.8
1940	15,480	294.5	6,513	123.9	4,690	89.2	3,961	75.4	1,743	33.2	1,408	26.8	2,478	47.1	1,298	24.7	2,918	55.5
1941	15,761	289.8	6,551	120.5	4,698	86.4	4,450	81.8	2,156	39.6	1,382	25.4	2,235	41.1	1,353	24.9	2,853	52.5
1942	16,016	289.2	6,646	120.0	4,841	87.4	3,685	66.5	1,368	24.7	1,448	26.1	2,349	42.4	1,575	28.4	2,731	49.3
1943	17,816	331.3	7,127	132.5	5,311	98.8	3,480	64.7	1,025	19.1	1,535	28.5	2,931	54.5	1,488	27.7	2,950	54.9
1944	17,004	316.2	7,277	135.3	4,954	92.1	3,350	62.3	1,103	20.5	1,554	28.9	2,369	44.1	1,412	26.3	2,739	50.9
1945	17,421	320.5	7,486	137.7	5,295	97.4	3,432	63.1	1,199	22.1	1,561	28.7	1,932	35.5	1,339	24.6	2,655	48.8
1946	17,691	309.9	7,845	137.4	5,224	91.5	3,776	66.1	1,506	26.4	1,530	26.8	1,891	33.1	1,735	30.4	2,530	44.3
1947	18,412	303.4	8,188	134.9	5,426	89.4	3,848	63.4	1,499	24.7	1,618	26.7	2,089	34.4	1,953	32.2	2,567	42.3
1948	18,726	302.3	8,336	134.6	5,272	85.1	4,017	64.8	1,545	24.9	1,771	28.6	1,853	29.9	1,820	29.4	2,473	39.9
1949	19,137	301.3	8,697	136.9	5,438	85.6	3,838	60.4	1,493	23.5	1,884	29.7	1,885	29.7	1,795	28.3	2,435	38.3
1950	20,521	322.1	8,685	136.3	6,376	100.1	3,783	59.4	1,680	26.4	1,438	22.6	1,358	21.3	1,096	17.2	1,004	15.8
1951	21,118	322.6	9,187	140.4	6,579	100.5	3,916	59.8	1,806	27.6	1,374	21.0	1,619	24.7	1,232	18.8	1,005	15.4
1952	21,247	316.8	9,256	138.0	6,521	97.2	3,901	58.2	1,815	27.1	1,339	20.0	1,571	23.4	1,256	18.7	873	13.0
1953	22,425	327.3	9,904	144.5	7,045	102.8	4,375	63.8	2,051	29.9	1,419	20.7	1,538	22.4	1,114	16.3	820	12.0
1954	22,362	318.4	10,105	143.9	6,964	99.1	3,948	56.2	1,916	27.3	1,469	20.9	1,380	19.6	1,298	18.5	749	10.7
1955	23,440	323.9	10,297	142.3	7,362	101.7	4,213	58.2	2,129	29.4	1,415	19.6	1,538	21.3	1,272	17.6	676	9.3
1956	24,661	328.1	10,489	139.6	7,114	94.7	3,925	52.2	1,826	24.3	1,443	19.2	1,723	22.9	1,244	16.6	717	9.5
1957	25,369	325.1	10,810	138.5	7,632	97.8	3,643	46.7	1,680	21.5	1,510	19.4	2,045	26.2	1,322	16.9	671	8.6
1958	25,215	320.6	10,946	139.2	7,547	95.9	3,306	42.0	1,466	18.6	1,595	20.3	2,076	26.4	1,208	15.4	626	8.0

Note: Heart disease includes all forms. Cancer includes leukemias, aleukemias, and Hodgkin's disease beginning with 1921. 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 immaturity include congenital debility from 1910 through 1921.

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE
MICHIGAN, 1958

(Place of residence according to rural areas and urban incorporated areas having a 1950 population of 2,500 or more)

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Infectious hepatitis (incl. serum hepatitis)	Rheumatic fever	Meningococcal infections	Polomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
STATE	127,410	6	5,380	18	1,233	688	1,320	228	1,228	24	5,587	4,267	8,621	98,810
ALCONA	59	-	1	-	-	-	2	-	-	-	2	-	-	54
ALGER	87	-	1	-	10	-	1	-	-	-	39	2	2	32
Munising	32	-	-	-	2	-	1	-	-	-	11	1	-	17
Balance of County	55	-	1	-	8	-	-	-	-	-	28	1	2	15
ALLEGAN	139	-	11	-	3	24	4	-	5	-	9	5	7	71
Allegan	30	-	2	-	1	4	1	-	4	-	-	1	1	16
Otsego	17	-	1	-	2	2	-	-	1	-	1	1	4	5
Plainwell	7	-	-	-	-	-	-	-	-	-	2	1	1	3
Balance of County	85	-	8	-	-	18	3	-	-	-	6	2	1	47
ALPENA	46	-	-	-	-	7	-	-	4	-	21	4	2	8
Alpena	23	-	-	-	-	7	-	-	-	-	10	3	1	2
Balance of County	23	-	-	-	-	-	-	-	4	-	11	1	1	6
ANTRIM	60	-	3	-	-	-	3	-	-	-	2	4	-	48
ARENAC	50	-	6	-	-	2	3	-	3	-	2	7	-	27
BARAGA	26	-	-	-	-	-	5	-	1	-	3	2	1	14
BARRY	577	-	5	-	7	-	5	-	1	-	3	18	-	538
Hastings	237	-	-	-	-	-	-	-	1	-	1	11	-	224
Balance of County	340	-	5	-	7	-	5	-	-	-	2	7	-	314
BAY	1,983	-	393	-	30	6	37	1	1	-	20	20	58	1,417
Bay City	1,352	-	278	-	25	4	24	-	1	-	12	11	50	947
Essexville	7	-	-	-	-	-	-	-	-	-	1	2	4	-
Balance of County	624	-	115	-	5	2	13	1	-	-	7	7	4	470
BENZIE	28	-	-	-	-	2	3	-	-	-	20	2	-	1
BERRIEN	425	-	8	-	-	-	2	-	-	1	50	102	157	105
Benton Harbor	175	-	-	-	-	-	-	-	-	-	21	48	106	-
Niles	102	-	1	-	-	-	-	-	-	-	9	9	3	80
St. Joseph	8	-	-	-	-	-	-	-	-	-	3	3	2	-
Buchanan	17	-	1	-	-	-	-	-	-	-	1	2	2	11
Balance of County	123	-	6	-	-	-	2	-	-	1	16	40	44	14
BRANCH	806	-	18	-	1	18	14	-	-	2	13	5	9	726
Coldwater	574	-	14	-	1	9	7	-	-	-	7	5	2	529
Balance of County	232	-	4	-	-	9	7	-	-	2	6	-	7	197
CALHOUN	1,173	-	21	-	9	22	17	4	12	-	31	53	41	963
Battle Creek	216	-	13	-	8	11	9	2	7	-	16	38	34	78
Albion	572	-	-	-	-	-	1	1	-	-	7	5	5	553
Marshall	14	-	1	-	-	-	-	-	1	-	-	6	1	5
Balance of County	371	-	7	-	1	11	7	1	4	-	8	4	1	327
CASS	366	-	3	-	2	-	1	-	-	-	4	6	7	343
Dowagiac	28	-	2	-	1	-	-	-	-	-	1	2	4	18
Balance of County	338	-	1	-	1	-	1	-	-	-	3	4	3	325
CHARLEVOIX	55	-	-	-	-	-	7	-	1	-	2	2	1	42
Boyer City	3	-	-	-	-	-	-	-	1	-	-	1	-	1
Charlevoix	2	-	-	-	-	-	1	-	-	-	-	-	1	-
Balance of County	50	-	-	-	-	-	6	-	-	-	2	1	-	41
CHEBOYGAN	97	-	3	-	5	8	6	-	1	-	3	1	5	65
Cheboygan	53	-	1	-	-	7	4	-	-	-	1	1	5	34
Balance of County	44	-	2	-	5	1	2	-	1	-	2	-	-	31
CHIPPEWA	197	-	24	-	12	-	28	1	7	-	16	8	4	97
Sault Ste. Marie	131	-	17	-	7	-	16	-	5	-	10	7	3	66
Balance of County	66	-	7	-	5	-	12	1	2	-	6	1	1	31
CLARE	10	-	-	-	-	-	2	-	1	-	2	3	2	-
CLINTON	216	-	15	-	-	-	5	-	-	-	9	3	8	176
St. Johns	7	-	-	-	-	-	-	-	-	-	3	2	2	-
Balance of County	209	-	15	-	-	-	5	-	-	-	6	1	6	176
CRAWFORD	22	-	-	-	-	-	-	-	-	-	-	2	-	20

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

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Infectious hepatitis (incl. serum hepatitis)	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
DELTA	188	-	2	-	9	2	4	-	5	-	18	3	1	144
Escanaba	131	-	1	-	9	1	2	-	1	-	11	-	1	105
Gladstone	19	-	1	-	-	-	-	-	1	-	1	1	-	15
Balance of County	38	-	-	-	-	1	2	-	3	-	6	2	-	24
Dickinson	1,480	-	77	-	6	-	1	-	-	-	19	3	-	1,374
Iron Mountain	378	-	16	-	-	-	1	-	-	-	13	1	-	347
Kingsford	646	-	41	-	1	-	-	-	-	-	3	-	-	601
Norway	150	-	8	-	2	-	-	-	-	-	3	-	-	137
Balance of County	306	-	12	-	3	-	-	-	-	-	-	2	-	289
EATON	131	-	13	-	6	2	18	2	2	-	8	3	8	69
Charlotte	29	-	4	-	1	-	3	-	-	-	4	1	2	14
Eaton Rapids	27	-	-	-	2	-	-	1	1	-	1	1	-	21
Grand Ledge	26	-	1	-	3	2	2	-	-	-	2	-	3	13
Balance of County	49	-	8	-	-	-	13	1	1	-	1	1	3	21
EMMET	45	-	5	-	3	-	6	-	-	-	5	4	1	21
Petoskey	29	-	4	-	-	-	1	-	-	-	2	2	1	19
Balance of County	16	-	1	-	3	-	5	-	-	-	3	2	-	2
GENESEE	3,350	-	171	-	34	61	43	20	16	1	202	122	381	2,299
Flint	1,392	-	102	-	9	40	20	18	8	-	179	113	362	541
Fenton	25	-	-	-	4	-	-	-	-	-	1	-	-	20
Mount Morris	8	-	-	-	-	-	-	-	-	-	6	1	1	-
Balance of County	1,925	-	69	-	21	21	23	2	8	1	16	8	18	1,738
GLADWIN	10	-	-	-	-	-	1	-	-	1	2	2	3	1
GOGEBIC	629	-	8	-	1	-	3	-	-	-	8	10	1	598
Ironwood	117	-	2	-	1	-	1	-	-	-	3	2	1	107
Bessemer	87	-	2	-	-	-	2	-	-	-	1	-	-	82
Wakefield	387	-	1	-	-	-	-	-	-	-	3	8	-	375
Balance of County	38	-	3	-	-	-	-	-	-	-	1	-	-	34
GRAND TRAVERSE	87	-	-	-	1	3	3	-	1	-	38	8	6	27
Traverse City	37	-	-	-	-	-	1	-	-	-	25	3	3	5
Balance of County	50	-	-	-	1	3	2	-	1	-	13	5	3	22
GRATIOT	254	-	5	-	-	-	5	-	2	-	12	7	2	221
Alma	230	-	5	-	-	-	-	-	1	-	4	1	1	218
St. Louis	3	-	-	-	-	-	-	-	-	-	3	-	-	-
Balance of County	21	-	-	-	-	-	5	-	1	-	5	6	1	3
HILLSDALE	178	-	24	-	-	1	3	-	3	-	8	-	1	138
Hillsdale	34	-	6	-	-	-	-	-	-	-	4	-	1	23
Balance of County	144	-	18	-	-	1	3	-	3	-	4	-	-	115
HOUGHTON	41	-	-	-	-	-	5	-	-	-	23	5	2	6
Hancock	3	-	-	-	-	-	1	-	-	-	1	-	1	-
Houghton	6	-	-	-	-	-	-	-	-	-	4	1	-	1
Laurium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	32	-	-	-	-	-	4	-	-	-	18	4	1	5
HURON	21	-	-	-	-	-	-	-	2	-	8	8	2	1
Bad Axe	4	-	-	-	-	-	-	-	1	-	-	3	-	-
Balance of County	17	-	-	-	-	-	-	-	1	-	8	5	2	1
INGHAM	3,748	-	1,434	-	31	15	29	4	9	2	46	63	224	1,891
Lansing	2,092	-	754	-	23	8	19	3	5	1	32	55	204	988
East Lansing	521	-	156	-	-	1	-	-	-	1	1	1	8	353
Mason	26	-	12	-	1	-	-	-	-	-	3	1	1	8
Balance of County	1,109	-	512	-	7	6	10	1	4	-	10	6	11	542
IONIA	153	-	11	-	2	-	4	-	-	-	6	41	10	79
Belding	20	-	3	-	2	-	-	-	-	-	1	2	-	12
Ionia	37	-	-	-	-	-	-	-	-	-	-	27	9	1
Portland	9	-	1	-	-	-	-	-	-	-	2	1	-	5
Balance of County	87	-	7	-	-	-	4	-	-	-	3	11	1	61
IOSCO	11	-	-	-	-	-	1	-	1	-	-	4	-	5
IRON	75	-	-	-	-	-	-	-	-	-	5	1	-	69
Iron River	4	-	-	-	-	-	-	-	-	-	2	1	-	1
Balance of County	71	-	-	-	-	-	-	-	-	-	3	-	-	68
ISABELLA	246	-	2	-	1	29	8	-	10	-	10	8	-	178
Mount Pleasant	130	-	2	-	-	6	3	-	3	-	7	7	-	102
Balance of County	116	-	-	-	1	23	5	-	7	-	3	1	-	76

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

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Infectious hepatitis (incl. serum hepatitis)	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
JACKSON	1,194	-	15	-	2	4	12	1	6	-	54	37	63	1,000
Jackson	729	-	8	-	2	2	7	1	4	-	33	29	48	595
Balance of County	465	-	7	-	-	2	5	-	2	-	21	8	15	405
KALAMAZOO	4,097	-	75	-	45	7	16	1	9	-	59	30	245	3,610
Kalamazoo	1,856	-	37	-	35	4	7	1	4	-	47	20	229	1,472
Balance of County	2,241	-	38	-	10	3	9	-	5	-	12	10	16	2,138
KALKASKA	34	-	-	-	-	-	2	-	-	-	-	-	-	32
KENT	4,257	-	388	-	112	42	61	9	2	2	164	94	508	2,875
Grand Rapids	2,453	-	124	-	48	12	28	2	1	-	125	79	478	1,556
East Grand Rapids	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Balance of County	1,803	-	264	-	64	30	33	7	1	2	38	15	30	1,319
KEWENAW	2	-	-	-	-	-	-	-	-	-	-	-	-	2
LAKE	5	-	-	-	-	-	-	-	1	-	2	2	-	-
LAPEER	473	1	28	-	6	16	17	-	-	-	9	6	3	387
Lapeer	435	1	27	-	5	15	6	-	-	-	2	4	2	373
Balance of County	38	-	1	-	1	1	11	-	-	-	7	2	1	14
LEELANAU	31	-	-	-	-	-	2	-	-	-	21	5	3	-
LENAWEE	329	-	7	-	5	29	29	3	1	1	39	22	7	186
Adrian	151	-	1	-	-	-	4	-	-	-	22	13	1	110
Hudson	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Tecumseh	23	-	-	-	-	4	-	-	-	-	1	1	3	14
Balance of County	154	-	6	-	5	25	25	3	1	1	16	7	3	62
LIVINGSTON	99	-	2	-	-	-	16	3	2	2	11	8	2	53
Howell	25	-	-	-	-	-	2	1	-	-	2	2	2	16
Balance of County	74	-	2	-	-	-	14	2	2	2	9	6	-	37
LUCE	37	-	-	-	-	-	-	-	-	-	8	-	-	29
Newberry	34	-	-	-	-	-	-	-	-	-	6	-	-	28
Balance of County	3	-	-	-	-	-	-	-	-	-	2	-	-	1
MACKINAC	148	-	-	-	13	11	15	-	-	-	12	3	4	90
St. Ignace	124	-	-	-	13	11	4	-	-	-	4	2	-	90
Balance of County	24	-	-	-	-	-	11	-	-	-	8	1	4	-
MACOMB	7,001	-	165	-	31	41	41	4	85	3	266	43	41	6,281
East Detroit	667	-	14	-	1	1	6	1	2	-	41	2	5	594
Mount Clemens	806	-	9	-	13	1	3	1	2	1	59	9	13	695
Roseville	917	-	12	-	-	9	1	-	12	-	12	5	2	864
St. Clair Shores	1,793	-	37	-	1	1	3	-	11	-	36	7	2	1,695
Centerline	253	-	20	-	-	18	4	-	3	-	7	-	1	200
Romeo	42	-	1	-	4	-	1	-	6	-	1	1	4	24
Balance of County	2,523	-	72	-	12	11	23	2	49	2	110	19	14	2,209
MANISTEE	36	-	4	-	-	-	6	-	-	-	7	4	1	14
Manistee	18	-	3	-	-	-	4	-	-	-	1	2	1	7
Balance of County	18	-	1	-	-	-	2	-	-	-	6	2	-	7
MARQUETTE	1,377	-	13	-	9	-	9	4	2	-	49	9	1	1,281
Marquette	1,253	-	12	-	8	-	2	4	1	-	21	6	-	1,199
Ishpeming	93	-	1	-	1	-	2	-	-	-	9	1	1	78
Negaunee	6	-	-	-	-	-	-	-	-	-	5	1	-	-
Balance of County	25	-	-	-	-	-	5	-	1	-	14	1	-	4
MASON	308	-	1	-	4	27	3	-	-	-	10	2	3	258
Ludington	246	-	1	-	2	18	2	-	-	-	5	-	3	215
Balance of County	62	-	-	-	2	9	1	-	-	-	5	2	-	43
MECOSTA	108	-	10	-	4	-	11	-	-	-	9	5	1	68
Big Rapids	87	-	7	-	4	-	2	-	-	-	3	3	1	67
Balance of County	21	-	3	-	-	-	9	-	-	-	6	2	-	1
MENOMINEE	126	-	-	-	-	-	-	-	-	-	12	2	-	112
Menominee	111	-	-	-	-	-	-	-	-	-	1	1	-	109
Balance of County	15	-	-	-	-	-	-	-	-	-	11	1	-	3
MIDLAND	2,974	-	57	-	35	10	1	-	1	-	11	4	-	2,855
Midland	1,788	-	18	-	22	4	-	-	-	-	6	3	-	1,735
Balance of County	1,186	-	39	-	13	6	1	-	1	-	5	1	-	1,120
MISSAUKEE	48	-	-	-	-	-	3	-	1	-	-	1	2	41

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

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Infectious hepatitis (incl. serum hepatitis)	Rheumatic fever	Meningococcal infections	Poliovirus	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
MONROE	607	-	24	-	8	8	49	4	4	-	50	22	17	421
Monroe	63	-	-	-	-	-	8	-	-	-	33	11	11	-
Milan (Part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	544	-	24	-	8	8	41	4	4	-	17	11	6	421
MONTCALM	37	-	-	-	-	-	10	-	-	3	4	17	3	-
Greenville	4	-	-	-	-	-	-	-	-	-	1	2	1	-
Balance of County	33	-	-	-	-	-	10	-	-	3	3	15	2	-
MONTMORENCY	12	-	1	-	-	-	-	-	-	-	3	3	-	5
MUSKEGON	2,758	-	62	2	127	22	41	-	4	-	89	96	380	1,935
Muskegon	1,176	-	15	1	27	6	15	-	1	-	44	53	183	831
Muskegon Heights	482	-	5	-	37	3	8	-	-	-	26	30	176	197
Balance of County	1,100	-	42	1	63	13	18	-	3	-	19	13	21	907
NEWAYGO	83	-	15	-	7	5	9	-	1	-	8	2	5	31
Fremont	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Balance of County	82	-	15	-	7	5	9	-	1	-	8	2	4	31
OAKLAND	16,145	-	322	1	97	61	73	15	67	1	449	193	371	14,495
Pontiac	3,063	-	28	-	45	10	12	-	8	-	122	71	198	2,569
Ferndale	1,313	-	33	-	3	2	3	2	6	-	31	14	19	1,200
Royal Oak	604	-	4	-	-	1	5	1	7	-	56	11	17	502
Berkley	188	-	4	-	-	2	1	-	2	-	14	3	6	156
Birmingham	1,339	-	38	-	1	-	2	-	3	-	17	9	7	1,262
Hazel Park	38	-	-	-	-	-	-	-	-	-	16	9	13	-
Clawson	98	-	-	-	-	1	2	-	1	-	9	2	2	81
Holly	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Huntington Woods	7	-	-	-	-	-	-	-	-	-	5	2	-	-
Northville (Part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oak Park	23	-	-	-	-	-	-	-	-	-	20	3	-	-
Pleasant Ridge	143	-	4	-	-	-	-	-	-	-	3	-	-	136
Rochester	119	-	2	-	-	-	1	-	2	-	18	2	2	92
Balance of County	9,209	-	209	1	48	45	47	12	38	1	138	67	106	8,497
OCEANA	20	-	-	-	-	-	5	-	4	-	2	5	1	3
OGEAW	18	-	-	-	-	-	-	-	-	-	-	4	-	14
ONTONAGON	14	-	-	-	-	-	1	-	-	-	8	3	2	-
OSCEOLA	222	-	24	-	-	4	6	-	-	-	2	5	2	179
OSCODA	20	-	-	-	5	-	3	-	-	-	3	8	-	1
OTSEGO	280	-	-	-	-	-	-	-	-	-	3	4	-	273
OTTAWA	1,552	-	67	-	47	2	11	4	2	-	42	9	15	1,353
Holland	544	-	29	-	18	-	-	-	-	-	6	5	5	481
Grand Haven	501	-	12	-	3	-	3	1	-	-	17	1	3	461
Zeeland	23	-	1	-	11	-	-	-	-	-	-	-	-	11
Balance of County	484	-	25	-	15	2	8	3	2	-	19	3	7	400
PRESQUE ISLE	39	-	1	-	-	-	4	-	-	-	5	1	-	28
Rogers City	19	-	-	-	-	-	-	-	-	-	3	1	-	15
Balance of County	20	-	1	-	-	-	4	-	-	-	2	-	-	13
ROSCOMMON	1	-	1	-	-	-	-	-	-	-	-	-	-	-
SAGINAW	2,885	2	75	-	102	6	15	4	15	1	53	138	138	2,336
Saginaw	1,967	2	19	-	36	4	6	4	7	-	42	125	130	1,592
Balance of County	918	-	56	-	66	2	9	-	8	1	11	13	8	744
ST. CLAIR	1,611	1	274	-	-	10	18	2	12	1	20	34	32	1,207
Port Huron	1,065	-	243	-	-	1	2	2	4	-	12	28	22	751
Algonac	9	-	-	-	-	-	-	-	-	-	4	1	4	-
Marine City	24	-	-	-	-	-	3	-	-	-	-	-	1	20
Marysville	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clair	19	-	-	-	-	1	5	-	2	-	1	2	-	8
Balance of County	494	1	31	-	-	8	8	-	6	1	3	3	5	428
ST. JOSEPH	599	-	3	-	10	1	5	-	8	-	9	23	3	537
Sturgis	20	-	-	-	-	-	3	-	3	-	5	6	-	3
Three Rivers	21	-	-	-	-	-	-	-	1	-	1	12	2	5
Balance of County	558	-	3	-	10	1	2	-	4	-	3	5	1	529
SANILAC	225	-	9	-	12	-	11	-	6	1	16	-	-	170

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

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Infectious hepatitis (incl. serum hepatitis)	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
SCHOOLCRAFT	70	-	13	-	-	-	-	-	-	-	39	3	1	14
Manistique	24	-	-	-	-	-	-	-	-	-	19	2	-	3
Balance of County	46	-	13	-	-	-	-	-	-	-	20	1	1	11
SHIAWASSEE	122	-	17	-	14	-	4	-	-	-	15	5	9	58
Owosso	9	-	-	-	-	-	-	-	-	-	5	1	3	-
Durand	7	-	-	-	-	-	-	-	-	-	3	2	2	-
Balance of County	106	-	17	-	14	-	4	-	-	-	7	2	4	58
TUSCOLA	173	-	9	-	-	2	16	-	4	-	6	11	4	121
Caro	119	-	1	-	-	2	9	-	-	-	-	3	-	104
Vassar	3	-	-	-	-	-	-	-	-	-	1	1	-	1
Balance of County	51	-	8	-	-	-	7	-	4	-	5	7	4	16
VAN BUREN	661	-	16	-	5	36	10	-	12	-	17	36	58	471
South Haven	115	-	1	-	-	5	1	-	-	-	2	6	13	87
Balance of County	546	-	15	-	5	31	9	-	12	-	15	30	45	384
WASHTENAW	2,979	-	55	-	18	12	45	1	13	-	53	58	57	2,667
Ann Arbor	1,773	-	39	-	-	4	20	1	3	-	27	18	18	1,643
Ypsilanti	451	-	4	-	10	-	9	-	7	-	7	16	28	370
Chelsea	3	-	-	-	-	-	-	-	-	-	1	1	1	-
Milan (Part)	18	-	-	-	-	-	-	-	-	-	4	13	1	-
Balance of County	734	-	12	-	8	8	16	-	3	-	14	10	9	654
WAYNE	56,113	2	1,356	15	328	130	461	141	878	2	3,277	2,765	5,692	41,066
Detroit	43,590	2	930	9	269	79	312	109	652	2	2,309	2,514	5,311	31,092
Dearborn	1,424	-	43	-	6	-	11	-	8	-	328	30	38	960
Hamtramck	249	-	5	-	-	-	-	-	7	-	32	16	30	159
Highland Park	271	-	17	-	-	-	1	-	7	-	32	24	10	180
**Lincoln Park	49	-	-	-	-	-	-	-	-	-	30	8	11	-
**Wyandotte	92	-	-	-	-	-	16	-	-	-	48	11	17	-
**Allen Park	24	-	-	-	-	-	-	-	-	-	17	3	4	-
**Ecorse	73	-	-	-	-	-	-	-	-	-	38	19	16	-
**Grosse Pte. Park	3	-	-	-	-	-	-	-	-	-	2	1	-	-
**Grosse Pte. Woods	9	-	-	-	-	-	-	-	-	-	7	2	-	-
**Inkster	181	-	-	-	-	-	1	-	-	-	46	37	97	-
**Livonia	56	-	-	-	-	-	-	-	-	-	49	2	5	-
**River Rouge	95	-	-	-	-	-	-	-	-	-	21	16	58	-
**Garden City	43	-	-	-	-	-	-	-	1	-	29	3	10	-
**Grosse Pointe	10	-	-	-	-	-	-	-	-	-	6	4	-	-
**Grosse Pte. Farms	4	-	-	-	-	-	-	-	-	-	3	1	-	-
**Melvindale	13	-	-	-	-	-	-	-	-	-	7	5	1	-
**Northville (Part)	10	-	-	-	-	-	-	-	-	-	6	4	-	-
**Plymouth	71	-	-	-	-	-	-	-	-	-	38	19	14	-
**Trenton	17	-	-	-	-	-	-	-	-	-	11	3	3	-
**Wayne	98	-	-	-	-	-	1	-	-	-	46	10	41	-
Balance of County	9,731	-	361	6	53	51	119	32	203	-	172	33	26	8,675
WEXFORD	411	-	7	-	14	-	-	-	-	-	2	4	1	383
Cadillac	257	-	4	-	10	-	-	-	-	-	2	2	1	238
Balance of County	154	-	3	-	4	-	-	-	-	-	-	2	-	145

*Includes:

Actinomycosis	1	Impetigo	1,148	Psittacosis	5
Bites, animal	19,444	Infectious mononucleosis	189	Rabies in animals	38
Chickenpox	11,356	Influenza	464	Ringworm	2,159
Conjunctivitis (Kerato)	7	Measles	41,448	Rubella	5,073
Diarrhea, epidemic		Meningitis, influenzal	10	Salmonella infections	335
(infants under 1 year)	213	Meningitis, other	91	Scabies	109
Dysentery, amebic	128	Mumps	15,209	Tetanus	4
Dysentery, bacillary	735	Pediculosis	174	Tularemia	1
Encephalitis, infectious	91	Pink eye	329	Well's disease	4
Erysipelas	45				

**Included in balance of county unless otherwise indicated.

TABLE 6A - ACCIDENTAL DEATHS BY CAUSE AND AGE
MICHIGAN, 1958

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955.)

CAUSE OF DEATH	INT. LIST NUMBER	N U M B E R							P E R C E N T								
		AGE IN YEARS							AGE IN YEARS								
		ALL AGES	Under 1	1/4	5/14	15/24	25/44	45/64	65 & Over*	ALL AGES	Under 1	1/4	5/14	15/24	25/44	45/64	65 & Over*
GRAND TOTAL		3,306	147	179	264	429	699	918	100	100	100	100	100	100	100	100	100
TRANSPORT TOTAL		1,669	5	64	155	328	493	374	50.5	3.4	35.8	58.7	76.5	70.5	55.8	27.2	27.8
Motor vehicle**	E810-E835	1,466	5	60	137	277	414	336	44.3	3.4	33.5	51.9	64.6	59.2	50.2	25.8	25.8
Railroad - not with motor vehicle	E800-E802	20	-	-	3	4	6	4	0.6	0	0	1.1	0.9	0.8	0.6	0.3	0.3
Other road vehicle - not with motor vehicle	E840-E845	12	-	1	4	4	-	-	0.4	0	0.6	1.5	0.9	0	0	0	0.3
Water transportation***	E850-E858	108	-	2	11	26	39	23	3.3	0	1.1	4.2	6.1	5.6	3.4	0.8	0.8
Air transportation	E860-E866	63	-	1	-	17	34	11	1.9	0	0.6	0	4.0	4.9	1.6	0	0
NON-TRANSPORT TOTAL		1,599	141	113	108	97	202	288	48.4	95.9	63.1	40.9	22.6	28.9	43.0	70.8	70.8
Poisoning	E870-E895	111	2	14	3	8	39	36	3.4	1.4	7.8	1.1	1.9	5.6	5.4	1.0	1.0
Falls	E900-E904	705	4	8	2	5	44	112	21.3	2.7	4.5	0.8	1.2	6.3	16.7	57.7	57.7
Blow from falling object	E910	42	-	5	4	3	10	14	1.3	0	2.8	1.5	0.7	1.4	2.1	0.7	0.7
Machinery	E912	57	-	2	6	7	12	22	1.7	0	1.1	2.3	1.6	1.7	3.3	0.9	0.9
Electric current	E914	21	-	2	1	6	6	5	0.6	0	1.1	0.4	1.4	0.9	0.7	0.1	0.1
Fire and explosion of combustible material	E916	199	8	22	20	10	40	42	6.0	5.4	12.3	7.6	2.3	5.7	6.3	6.2	6.2
Hot substance, corrosive liquid, steam, radiation	E917, E918	18	2	9	-	-	-	3	0.5	1.4	5.0	0	0	0	0.5	0.4	0.4
Firearm	E919	52	-	-	14	17	10	11	1.6	0	0	5.3	3.9	1.4	1.6	0	0
Inhalation or ingestion of food or other object	E921, E922	104	71	14	-	-	3	8	3.2	48.3	7.8	0	0	0.4	1.2	0.9	0.9
Mechanical suffocation	E924, E925	60	48	3	7	-	2	-	1.8	32.6	1.7	2.6	0	0.3	0	0	0
Drowning and submersion	E929	152	-	30	45	36	24	12	4.6	0	16.8	17.0	8.4	3.5	1.8	0.5	0.5
Other causes		78	6	4	6	5	12	23	2.4	4.1	2.2	2.3	1.2	1.7	3.4	2.4	2.4
THERAPEUTIC MISADVENTURE & LATE COMPLICATION, COMPLICATIONS OF NONTHERAPEUTIC PROCEDURES, LATE EFFECTS OF INJURY & POISONING	E940-E962	38	1	2	1	4	4	8	1.1	0.7	1.1	0.4	0.9	0.6	1.2	2.0	2.0

* Includes 2 with age not stated.

** Forty of these were non-traffic accidents.

*** One hundred four of these were drownings resulting from water transport accidents.

TABLE 6B - NON-TRANSPORT ACCIDENTAL DEATHS BY PLACE OF ACCIDENT AND CAUSE
MICHIGAN, 1958

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955.)

PLACE OF ACCIDENT	N U M B E R										P E R C E N T														
	TOTAL	E870- E895 Poisoning	E900- E904 Falls	E910 Blow from falling object	E912 Machinery	E914 Electric current	E916 Fire and explosion	E917, E918 Hot substance, corrosive liquid, steam and radiation	E919 Firearm	E921, E922 Inhalation and ingestion of food or other object causing obstruc- tion or suffocation	E924, E925 Mechanical suffocation	E929 Drowning	Other	TOTAL	E870- E895 Poisoning	E900- E904 Falls	E910 Blow from falling object	E912 Machinery	E914 Electric current	E916 Fire and explosion	E917, E918 Hot substance, corrosive liquid, steam and radiation	E919 Firearm	E921, E922 Inhalation and ingestion of food or other object causing obstruc- tion or suffocation	E924, E925 Mechanical suffocation	E929 Drowning
NON-TRANSPORT TOTAL	1,599	111	705	42	57	21	199	18	52	104	60	152	78	111	44.1	2.6	3.6	1.3	12.4	1.1	3.3	6.5	3.8	9.5	4.9
Home	813	64	380	18	2	5	163	14	24	68	50	9	16	813	46.7	2.2	0.2	0.6	20.0	1.7	3.0	8.4	6.2	1.1	2.0
Farm	65	2	4	3	27	1	7	-	9	-	-	2	10	65	6.2	4.6	41.5	1.5	10.8	0	0	0	0	3.1	15.4
Mine and quarry	23	4	3	4	6	-	-	-	-	-	-	9	1	23	13.0	17.4	26.1	0	0	0	0	0	39.1	4.4	
Industrial place and premises	66	4	13	4	14	5	13	4	-	-	5	2	2	66	19.7	6.1	21.1	7.6	19.7	6.1	0	7.6	3.0	3.0	
Place for recreation and sport	21	-	-	-	1	2	-	-	-	-	-	16	2	21	0	0	4.8	9.5	0	0	0	0	76.2	9.5	
Street and highway	39	6	21	3	1	2	1	-	1	-	1	-	2	39	53.8	7.7	5.1	2.6	2.6	0	4.7	2.6	0	5.1	
Public building	43	6	24	1	-	-	4	-	1	-	-	-	2	43	55.7	2.3	0	5.1	4.7	0	4.7	0	2.3	14.0	
Resident institution	87	-	80	-	-	1	2	-	-	-	-	-	2	87	92.0	0	0	1.1	4.6	0	0	0	0	0	5.1
Other specified places	174	6	13	6	4	5	3	-	16	2	2	111	6	174	7.5	3.4	2.9	1.7	9.2	1.2	1.2	63.8	3.4	2.3	
Place not specified	268	23	167	3	1	-	6	-	1	32	2	2	31	268	62.3	1.1	0.4	0	2.2	0	12.0	0.7	0.7	11.6	
NON-TRANSPORT TOTAL	100	6.9	44.1	2.6	3.6	1.3	12.4	1.1	3.3	6.5	3.8	9.5	4.9	100	46.7	2.2	0.2	0.6	20.0	1.7	3.0	8.4	6.2	1.1	2.0
Home	100	7.9	46.7	2.2	0.2	0.6	20.0	1.7	3.0	8.4	6.2	1.1	2.0	100	6.2	4.6	41.5	1.5	10.8	0	0	0	0	3.1	15.4
Farm	100	3.1	6.2	4.6	41.5	1.5	10.8	0	13.8	0	0	3.1	15.4	100	13.0	17.4	26.1	0	0	0	0	0	39.1	4.4	
Mine and quarry	100	0	13.0	17.4	26.1	0	0	0	0	0	0	39.1	4.4	100	19.7	6.1	21.1	7.6	19.7	6.1	0	7.6	3.0	3.0	
Industrial place and premises	100	6.1	19.7	6.1	21.1	7.6	19.7	6.1	0	0	7.6	3.0	3.0	100	0	0	4.8	9.5	0	0	0	0	76.2	9.5	
Place for recreation and sport	100	0	0	0	4.8	9.5	0	0	0	0	0	76.2	9.5	100	15.4	7.7	5.1	2.6	2.6	0	4.7	2.6	0	5.1	
Street and highway	100	15.4	53.8	7.7	5.1	2.6	2.6	0	2.3	4.7	2.6	0	5.1	100	14.0	2.3	0	5.1	4.7	0	4.7	0	2.3	14.0	
Public building	100	14.0	55.7	2.3	0	1.1	4.6	0	0	0	0	2.3	14.0	100	92.0	0	0	1.1	4.6	0	0	0	0	0	5.1
Resident institution	100	0	7.5	3.4	2.3	2.9	1.7	0	9.2	1.2	1.2	63.8	3.4	100	7.5	3.4	2.9	1.7	9.2	1.2	1.2	63.8	3.4	2.3	
Other specified places	100	3.4	7.5	3.4	2.3	2.9	1.7	0	9.2	1.2	1.2	63.8	3.4	100	62.3	1.1	0.4	0	2.2	0	12.0	0.7	0.7	11.6	
Place not specified	100	8.6	62.3	1.1	0.4	0	2.2	0	0.4	12.0	0.7	0.7	11.6	100	46.7	2.2	0.2	0.6	20.0	1.7	3.0	8.4	6.2	1.1	2.0

TABLE 6C - ACCIDENTAL DEATHS BY PLACE OF ACCIDENT AND LEADING CAUSES OF DEATH
MICHIGAN, 1958

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955.)

PLACE OF ACCIDENT AND LEADING CAUSES OF DEATH	Number	Percent	Percent of Total	
GRAND TOTAL	3,306		100	
TRANSPORT	1,669		50.5	
MOTOR VEHICLE	1,466	100		44.4
OTHER TRANSPORT	203	100		6.1
Water transportation	108	53.2		
Air transportation	63	31.0		
Railroad	20	9.9		
Other road vehicle	12	5.9		
NON-TRANSPORT	1,599		48.4	
HOME	813	100		24.6
Falls	380	46.7		
Fire & explosion of combustible material	163	20.0		
Inhalation & ingestion of food or other objects causing obstruction or suffocation	68	8.4		
Poisoning	64	7.9		
Mechanical suffocation	50	6.1		
Firearm	24	3.0		
Other	64	7.9		
FARM	65	100		2.0
Machinery	27	41.5		
Firearm	9	13.8		
Fire & explosion of combustible material	7	10.8		
Animals	5	7.7		
Falls	4	6.2		
Blow from falling object	3	4.6		
Other	10	15.4		
MINE AND QUARRY	23	100		0.7
Drowning	9	39.1		
Machinery	6	26.1		
Blow from falling object	4	17.4		
Falls	3	13.0		
Other	1	4.4		
INDUSTRIAL PLACE AND PREMISES	66	100		2.0
Machinery	14	21.2		
Falls	13	19.7		
Fire & explosion of combustible material	13	19.7		
Electric current	5	7.6		
Mechanical suffocation	5	7.6		
Other	16	24.2		
RECREATION AND SPORT	21	100		0.6
Drowning	16	76.2		
Electric current	2	9.5		
Other	3	14.3		
STREET AND HIGHWAY	39	100		1.2
Falls	21	53.8		
Poisoning	6	15.4		
Blow from falling object	3	7.7		
Electric current	2	5.1		
Machinery	2	5.1		
Other	5	12.9		
PUBLIC BUILDING	43	100		1.3
Falls	24	55.7		
Poisoning	6	14.0		
Cutting & piercing instruments	2	4.7		
Fire & explosion of combustible material	2	4.7		
Inhalation & ingestion of food or other objects causing obstruction or suffocation	2	4.7		
Other	7	16.2		
RESIDENT INSTITUTION	87	100		2.6
Falls	80	92.0		
Fire & explosion of combustible material	4	4.6		
Other	3	3.4		
OTHER SPECIFIED PLACES	174	100		5.3
Drowning	111	63.8		
Firearm	16	9.2		
Falls	13	7.5		
Blow from falling object	6	3.4		
Poisoning	6	3.4		
Electric current	5	2.9		
Machinery	4	2.3		
Other	13	7.5		
PLACE NOT SPECIFIED	268	100		8.1
Falls	167	62.3		
Inhalation & ingestion of food or other objects causing obstruction or suffocation	32	12.0		
Poisoning	23	8.6		
Fire & explosion of combustible material	6	2.2		
Excessive cold	6	2.2		
Hunger, thirst, & exposure	5	1.9		
Other	29	10.8		
THERAPEUTIC MISADVENTURE AND LATE COMPLICATIONS, COMPLICATIONS OF NONTHERAPEUTIC PROCEDURES, LATE EFFECTS OF INJURY AND POISONING	38		1.1	

TABLE 6D - ACCIDENTAL DEATHS BY PLACE OF ACCIDENT, AGE, AND CAUSE
MICHIGAN, 1958

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955.)

PLACE OF ACCIDENT AND AGE	ALL CAUSES	SEX		E870- E895 Poisoning	E900- E904 Falls	E910 Blow from falling object	E912 Machinery	E914 Electric current	E916 Fire and explosion	E917, E918 Hot substance, corrosive liquid, steam and radiation	E919 Firearm	E921, E922 Inhalation and ingestion of food or other object causing obstruc- tion or asphyxiation	E924, E925 Mechanical asphyxiation	E929 Drowning	Other
		MALE	FEMALE												
NON-TRANSPORT TOTAL	1,599	1,029	570	111	705	42	57	21	199	18	52	104	60	152	78
HOME-ALL AGES	813	474	339	64	380	18	2	5	163	14	24	68	50	9	16
Under 1	118	78	40	2	4	-	-	-	8	2	-	54	44	-	4
1 - 4	76	51	25	11	7	5	-	2	21	9	-	10	3	6	2
5 - 14	38	28	10	-	2	3	-	1	19	-	7	-	2	2	2
15 - 24	20	15	5	2	-	2	1	-	8	-	5	-	-	-	2
25 - 44	80	60	20	21	20	2	-	-	30	-	6	-	1	-	2
45 - 64	130	85	45	23	62	3	1	1	30	-	6	2	-	-	2
65 & Over	351	157	194	5	285	3	-	1	47	3	-	2	-	1	4
FARM-ALL AGES	65	59	6	2	4	3	27	1	7	-	9	-	-	2	10
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4	2	2	-	-	-	-	2	-	-	-	-	-	-	-	-
5 - 14	12	10	2	-	-	-	5	-	1	-	3	-	-	2	1
15 - 24	9	7	2	-	-	1	3	1	-	-	4	-	-	-	-
25 - 44	8	6	2	-	-	1	4	-	-	-	2	-	-	-	1
45 - 64	15	15	-	2	3	-	-	-	1	-	-	-	-	-	4
65 & Over	19	19	-	-	1	1	5	-	5	-	-	-	-	-	4
MINE & QUARRY-ALL AGES	23	23	-	-	3	4	6	-	-	-	-	-	-	9	1
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
5 - 14	3	3	-	-	-	-	-	-	-	-	-	-	-	3	-
15 - 24	5	5	-	-	-	-	1	-	-	-	-	-	-	4	-
25 - 44	6	6	-	-	2	1	1	-	-	-	-	-	-	1	-
45 - 64	8	8	-	-	1	2	4	-	-	-	-	-	-	-	1
65 & Over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUSTRIAL PLACE & PREMISES-ALL AGES	66	66	-	4	13	4	14	5	13	4	-	-	5	2	2
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14	4	4	-	-	-	-	-	-	-	-	-	-	4	-	-
15 - 24	2	2	-	-	-	-	-	1	1	-	-	-	-	-	-
25 - 44	30	30	-	3	7	3	6	2	8	-	-	-	1	-	-
45 - 64	26	26	-	1	5	1	8	2	3	3	-	-	-	1	2
65 & Over	4	4	-	-	1	-	-	-	1	1	-	-	-	1	-
PLACE FOR RECREATION & SPORT-ALL AGES	21	16	5	-	-	-	1	2	-	-	-	-	-	16	2
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4	2	1	1	-	-	-	-	-	-	-	-	-	-	2	-
5 - 14	9	6	3	-	-	-	-	-	-	-	-	-	-	9	-
15 - 24	9	8	1	-	-	-	1	1	-	-	-	-	-	5	2
25 - 44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45 - 64	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
65 & Over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STREET & HIGHWAY-ALL AGES	39	28	11	6	21	3	2	2	1	-	1	-	1	-	2
Under 1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
1 - 4	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
5 - 14	2	1	1	-	-	-	1	-	-	-	1	-	-	-	-
15 - 24	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-
25 - 44	7	4	3	3	2	1	-	1	-	-	-	-	-	-	-
45 - 64	12	11	1	-	8	1	1	1	-	-	-	-	-	-	1
65 & Over	13	8	5	-	11	1	-	-	-	-	-	-	-	-	1
PUBLIC BUILDING-ALL AGES	43	37	6	6	24	1	-	-	2	-	1	2	-	1	6
Under 1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 - 24	4	4	-	1	1	-	-	-	-	-	-	-	-	1	1
25 - 44	8	6	2	2	4	-	-	-	-	-	1	-	-	-	1
45 - 64	21	18	3	2	11	1	-	-	2	-	-	1	-	-	4
65 & Over	9	8	1	1	8	-	-	-	-	-	-	-	-	-	-
RESIDENT INSTITUTION-ALL AGES	87	40	47	-	80	-	-	1	4	-	-	-	-	-	2
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 - 24	2	2	-	-	-	-	-	1	1	-	-	-	-	-	-
25 - 44	3	1	2	-	2	-	-	-	-	-	-	-	-	-	1
45 - 64	4	1	3	-	2	-	-	-	2	-	-	-	-	-	-
65 & Over	78	36	42	-	76	-	-	-	1	-	-	-	-	-	1
OTHER SPECIFIED PLACES-ALL AGES	174	147	27	6	13	6	4	5	3	-	16	2	2	111	6
Under 1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
1 - 4	1	16	5	-	-	-	-	-	-	-	-	-	-	20	1
5 - 14	35	29	6	2	-	-	-	-	-	-	3	-	1	29	-
15 - 24	41	32	9	-	4	-	1	2	-	-	8	-	-	26	-
25 - 44	36	35	1	2	3	-	1	3	1	-	1	-	-	22	3
45 - 64	32	28	4	2	3	5	2	-	2	-	4	2	-	11	1
65 & Over*	8	6	2	-	3	1	-	-	-	-	-	-	-	3	1
PLACE NOT SPECIFIED-ALL AGES	268	139	129	23	167	3	1	-	6	-	1	32	2	2	31
Under 1	20	11	9	-	-	-	-	-	-	-	-	16	2	-	2
1 - 4	10	6	4	3	1	-	-	-	-	-	-	4	-	1	1
5 - 14	5	3	2	1	-	1	-	-	-	-	-	-	-	-	3
15 - 24	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
25 - 44	24	18	6	8	4	1	-	-	1	-	-	3	-	1	6
45 - 64	39	29	10	6	17	1	1	-	2	-	1	3	-	-	8
65 & Over*	168	70	98	3	145	-	-	-	3	-	-	6	-	-	11

* Includes 1 with age not stated.

TABLE 6E - ACCIDENTAL DEATHS BY CAUSE AND COUNTY OF RESIDENCE
MICHIGAN, 1958

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955, Intermediate List of 150 Causes.)

COUNTY	TOTAL		Motor vehicle accidents AE138	Other transport accidents AE139	Accidental poisoning AE140	Accidental falls AE141	Accident caused by machinery AE142	Accident caused by fire & explosion of combustible material AE143	Accident caused by hot substance, corrosive liquid, steam & radiation AE144	Accident caused by firearm AE145	Accidental drowning & submersion AE146	All other accidental causes AE147
	Number	Rate										
STATE	3,306	42.0	1,466	203	111	705	57	199	18	52	152	343
Alcona	7	116.1	4	-	-	1	-	-	-	-	-	2
Alger	10	101.8	5	-	-	2	1	2	-	-	-	-
Allegan	29	46.9	13	-	-	9	1	4	-	-	-	1
Alpena	19	70.4	7	-	1	3	-	1	-	1	-	6
Antrim	4	35.6	1	-	-	-	1	-	-	-	-	1
Arenac	5	50.6	3	-	-	1	-	-	-	-	-	1
Baraga	6	96.6	2	-	-	3	-	-	-	-	1	-
Barry	15	46.5	6	-	-	3	1	1	-	1	1	2
Bay	53	51.0	27	4	-	7	-	3	1	2	2	7
Benzie	9	110.3	6	1	1	1	-	-	-	-	-	-
Berrien	70	45.7	32	3	3	8	3	5	-	1	2	13
Branch	18	46.2	5	-	-	8	2	-	-	-	3	-
Calhoun	61	43.9	28	4	1	12	4	3	-	-	1	8
Cass	16	45.5	8	-	-	4	-	1	-	-	-	3
Charlevoix	7	51.0	5	1	-	-	-	-	-	-	-	1
Cheboygan	9	65.2	4	-	-	1	-	1	-	1	2	-
Chippewa	14	43.1	6	3	-	2	-	-	-	2	-	1
Clare	8	65.8	3	-	2	-	-	2	-	-	-	1
Clinton	17	49.1	8	1	-	3	1	1	-	1	1	1
Crawford	3	62.0	2	-	-	1	-	-	-	-	-	-
Delta	25	75.9	8	4	1	7	-	-	-	-	5	-
Dickinson	8	34.0	2	-	-	4	-	-	-	-	-	2
Eaton	34	65.0	20	-	1	8	1	-	-	-	1	3
Emmet	12	75.4	4	3	-	2	2	1	-	-	-	1
Genesee	155	41.6	61	22	4	22	2	13	-	1	10	20
Gladwin	2	20.2	1	-	-	-	-	-	-	-	-	1
Gogebic	16	60.7	3	-	-	3	-	1	-	2	3	4
Grand Traverse	13	38.8	5	-	-	3	-	3	-	-	-	2
Gratiot	20	55.5	10	2	1	4	-	2	-	-	1	-
Hillsdale	25	75.8	12	2	-	8	-	-	-	-	1	2
Houghton	28	84.4	7	1	-	8	1	1	-	-	2	8
Huron	20	55.2	12	1	-	1	2	-	-	-	4	-
Ingham	78	36.0	34	2	2	24	1	4	1	2	2	6
Ionia	17	39.8	7	1	-	3	-	3	-	-	-	3
Iosco	9	55.8	5	-	-	1	-	-	-	-	3	-
Iron	14	73.7	2	2	-	4	2	2	-	1	-	1
Isabella	24	78.8	11	3	-	1	1	6	-	-	-	2
Jackson	56	43.0	26	1	2	16	-	2	-	2	2	5
Kalamazoo	47	30.3	24	1	5	7	1	2	-	-	2	5
Kalkaska	5	112.6	3	-	-	-	-	-	-	-	-	2
Kent	138	39.2	60	2	7	36	-	6	-	-	8	19
Keweenaw	2	77.5	2	-	-	-	-	-	-	-	-	-
Lake	5	99.6	3	-	-	1	-	-	-	1	-	-
Lapeer	22	48.8	9	1	1	7	-	-	-	-	2	2
Leelanau	6	65.1	3	-	1	-	-	1	-	-	-	-
Lenawee	46	55.7	22	1	2	14	1	3	-	-	-	3
Livingston	27	74.4	16	1	-	8	-	-	-	-	2	-
Luce	8	104.2	3	-	1	1	-	2	-	-	-	1
Mackinac	13	130.9	3	3	-	2	1	2	-	-	1	1
Macomb	120	33.6	57	11	5	6	-	7	-	5	7	22
Manistee	9	45.1	3	1	-	5	-	-	-	-	-	4
Marquette	26	51.0	8	1	2	6	3	-	-	2	-	4
Mason	20	88.3	6	2	1	7	1	2	-	-	1	-
Mecosta	17	91.6	4	3	1	6	-	1	-	-	1	1
Menominee	9	34.3	5	1	-	2	1	-	-	-	-	-
Midland	31	66.4	20	7	-	-	-	-	-	-	1	3
Missaukee	5	65.9	1	-	-	1	-	-	-	2	-	1
Monroe	37	37.4	20	2	-	6	2	3	1	-	-	3
Montcalm	21	55.3	12	1	-	4	-	1	-	1	1	1
Montmorency	3	69.4	3	-	-	-	-	1	-	-	-	-
Muskegon	70	47.4	30	5	2	12	1	5	1	2	3	9
Newaygo	13	51.4	7	2	-	1	-	2	-	-	1	-
Oakland	249	38.4	126	16	13	35	1	12	1	6	16	23
Oceana	8	49.7	4	-	1	1	-	1	-	-	1	-
Ogemaw	5	54.8	3	-	-	1	-	1	-	-	-	-
Ontonagon	9	82.3	4	-	-	2	-	-	-	1	1	-
Osceola	13	93.8	5	3	-	1	-	2	-	1	-	1
Oscoda	2	62.9	2	-	-	-	-	-	-	-	-	-
Otsego	5	70.3	1	-	-	3	-	-	-	-	-	1
Ottawa	36	36.8	15	2	-	8	-	2	-	1	5	3
Presque Isle	24	185.6	3	17	-	-	-	-	-	-	-	4
Roscommon	5	71.9	3	-	1	-	-	-	-	-	-	-
Saginaw	96	52.2	51	9	1	15	1	4	-	5	5	5
St. Clair	54	53.0	24	1	2	12	1	4	1	-	1	8
St. Joseph	29	61.9	18	1	-	5	1	2	1	-	1	-
Sanilac	21	60.2	8	-	1	4	2	1	-	1	-	4
Schoolcraft	6	68.6	3	-	-	1	-	-	-	-	-	2
Shiawassee	29	51.7	16	-	-	8	2	1	-	-	1	1
Tuscola	32	69.8	19	-	2	5	1	-	-	1	-	4
Van Buren	33	63.4	14	2	1	8	-	3	-	1	2	2
Washtenaw	70	44.8	39	-	2	13	1	8	1	1	2	3
Wayne	940	33.0	377	46	40	262	10	58	8	3	39	97
Wexford	4	21.7	2	-	-	1	1	-	-	-	-	-

TABLE 7A - DEATHS BY INTERMEDIATE LIST OF CAUSES, SEX, AND AGE MICHIGAN, 1958

(By place of residence. Exclusive of fetal deaths. Cause of death classified according to Seventh Revision of International List, 1955 Intermediate List of 150 Causes with additional subdivisions indicated by detailed list numbers. Rates per 100,000 population.)

Table with columns for Cause of Death (Int. List No.), Sex (Male/Female), Total (Number/Rate), and Age in Years (Under 1 to 90+). Rows are categorized by cause of death, such as Tuberculosis, SYPHILIS, ALL FORMS, and MALIGNANT NEOPLASMS.

TABLE 7B - DEATHS BY DETAILED LIST OF CAUSES, SEX, AND AGE
MICHIGAN, 1958

(By place of residence. Exclusive of fetal deaths. Cause of death classified according to Seventh Revision of International List, 1955. Rates per 100,000 population.)

CAUSE OF DEATH	Int. List No.	Total Number	Sex		Under 1 Year	AGE IN YEARS										75-84	85-89	90 and Over	Not Stated																		
			Male	Female		1	5	10	15	20	25	30	35	40	45					50	55	60	65	70	74	79	84	89									
																													4,980	727,355	277,393	462,541	778,123	1,719,453	3,657,488	6,226,804	8,711,802
I Infective and parasitic diseases		65,899	38,317	27,582																																	
Tuberculosis of respiratory system (001-008)		357	280	77	1		1	3	7	8	22	26	33	36	41	43	50	35	34	75	80	85															
Respiratory with mention of occupational disease of lung	001	21	21	-																																	
Pulmonary	002	326	4.1	251	1		1	3	7	7	22	24	32	33	34	40	47	31	29	74	79	84															
Fleural, specified as tuberculous	003-0	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unspecified site	008	8	0.1	6	2																																
Tuberculosis, other forms (010-019)		38	0.5	27	11	2	4	2	1	-	2	2	1	5	2	3	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Meninges and central nervous system	010	14	0.2	11	3	2	4	2	1	-	2	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Intestines, peritoneum, and mesenteric glands	011	2	0.0	1	1																																
Bones and joints, active or unspecified	012	3	0.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vertebral column	-0	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hip	.1	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lymphatic system	015	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Genito-urinary system	016	6	0.1	4	2	2	4	2	1	-	2	1	-	2	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Adrenal glands	017	2	0.0	1	1																																
Other organs	018-2	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disseminated tuberculosis, other forms	019-2	7	0.1	4	3	-	-	-	-	-	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis and its sequelae (020-029)		84	1.1	55	29	-	-	-	1	-	3	-	4	8	15	13	7	2	3	13	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aneurysm of aorta	022	16	0.2	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other cardiovascular syphilis	023	40	0.5	24	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tabes dorsalis	024	3	0.0	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General paralysis of insane	025	11	0.1	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other syphilis of central nervous system	026	10	0.1	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other forms of late syphilis	027	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Latent syphilis, unspecified	028-2	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis, unqualified	029	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gonococcal infection and other venereal diseases (030-039)		9	0.1	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic gonococcal infection of genito-urinary system	031	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Late effects of gonococcal infection	035	6	0.1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lymphogranuloma venereum	037	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infectious diseases commonly arising in intestinal tract (040-049)		11	0.1	4	7	2	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis (undulant fever)	044	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bacillary dysentery	045	8	0.1	3	5	2	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flexner-Boyd group	-0	4	0.1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other and unspecified	.4	4	0.1	1	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unspecified forms of dysentery	048	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food poisoning (infection and intoxication), unspecified	049.2	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other bacterial diseases (050-064)		97	1.2	44	53	29	18	4	4	2	3	1	2	4	2	1	5	2	2	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat	051	6	0.1	2	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia and pyemia	053	55	0.7	27	28	19	1	1	3	1	2	1	1	4	1	3	3	1	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus	-0	8	0.1	3	5	4	2	1	1	1	1	1	1	4	1	3	3	1	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staphylococcus	.1	17	0.2	8	9	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other specified organism	.3	5	0.1	5	-	2	-	-	-	-	-	-	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Organism unspecified	.4	25	0.3	11	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough, with pneumonia	056.1	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections	057	30	0.4	11	19	8	15	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal meningitis	-0	16	0.2	8	8	3	9	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute and unspecified meningococemia	.1	14	0.2																																		

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																			85-89	90 and Over	Not Stated
				Male	Female	Under 1 Year	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80					
						4	1	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84			
III Allergic, endocrine system, metabolic, and nutritional diseases																											
Allergic disorders (240-245)	241	238	3.0	164	74	4	3	1	1	1	1	3	10	11	24	41	32	26	15	4	-						
Asthma		238	3.0	164	74	4	3	1	1	1	1	3	10	11	24	41	32	26	15	4	-						
Diseases of thyroid gland (250-254)		46	0.6	7	39	2	1	1	1	1	1	3	2	3	5	11	7	4	3	1	-						
Simple goiter	250	3	0.0	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	-	-						
Non-toxic nodular goiter	251	3	0.1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	-	-						
Thyroiditis with or without goiter	252	28	0.4	4	24	2	1	1	1	1	1	2	2	4	7	7	4	1	3	1	-						
Toxic diffuse goiter	253	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	-	-						
Toxic nodular goiter	254	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	2	3	1	1	-	-						
Myxedema and cretinism		9	0.1	2	7	1	1	1	1	1	1	2	2	1	1	2	3	1	1	-	-						
Other diseases of thyroid gland		1	0.0	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-						
Diabetes mellitus (260)		1,595	20.3	659	936	1	3	1	1	3	2	8	25	46	85	111	217	303	295	224	156	66					
Diseases of other endocrine glands (270-277)		37	0.5	23	14	20	5	1	1	1	2	1	1	1	3	-	-	3	1	-	-						
Diseases of pancreatic internal secretion other than diabetes mellitus	270	2	0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-						
Pituitary gland	272	5	0.1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-						
Thymus gland	273	22	0.3	15	7	18	3	1	1	1	1	1	1	1	1	1	1	1	1	1	-						
Adrenal glands	274	6	0.1	4	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	-						
Polyglandular dysfunction and other diseases of endocrine glands	277	2	0.0	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-						
IV Diseases of the blood and blood-forming organs																											
Avitaminoses, and other metabolic diseases (280-289)																											
Beriberi	280	45	0.6	26	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Pellagra	281	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other avitaminoses and nutritional deficiency states	286	24	0.3	12	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						
Stomatitis and sprue	287	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Malnutrition, unqualified	288	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other and multiple deficiency states	289	18	0.2	12	6	3	1	2	1	2	1	2	1	2	1	2	1	1	1	1	1						
Other metabolic diseases																											
Lipidosis (disturbance of lipid metabolism)	290	2	0.0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						
Other	291	14	0.2	9	5	1	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1						
Diseases of blood and blood-forming organs (290-299)																											
Fernicious anemia	290	199	2.5	102	97	8	7	4	6	2	2	7	2	5	10	17	17	35	25	13	8						
Subacute combined degeneration of spinal cord	291	42	0.5	17	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other hyperchromic anemias	292	40	0.5	17	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Iron deficiency anemias (hypochromic anemias)	293	1	0.0	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other anemias of specified type	294	5	0.1	3	2	2	2	3	4	1	1	3	2	3	3	4	4	8	2	2	2						
Familial acholuric jaundice	295	4	0.1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other hemolytic anemias	296	2	0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Leuko-erythroblastic anemia	297	8	0.1	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Aplastic anemia	298	32	0.4	18	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Sickle cell anemia	299	5	0.1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Anemia of unspecified type		38	0.5	15	23	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2						
Polychythemia	300	18	0.2	11	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Hemophilia	301	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Purpura and hemorrhagic conditions	302	21	0.3	11	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Agraulocytosis	303	4	0.1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Diseases of spleen	304	12	0.2	7	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Hepato splenic fibrosis	305	5	0.1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other	306	7	0.1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other diseases of blood and blood-forming organs	307	7	0.1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
V Mental, psychoneurotic, and personality disorders																											
Psychoses (300-309)																											
Schizophrenic disorders (dementia praecox)	300	56	0.7	39	17	1	1	1	1	1	1	2	4	5	2	8	4	5	4	3	1						
Paranoid type	301	2	0.0	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Other and unspecified	302	1	0.0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Semie psychosis	303	16	0.2	7	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Presentic psychosis	304	3	0.0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Alcoholic psychosis	305	20	0.3	19	1	1	1	1	1	1	1	2	2	4	2	5	1	2	1	1	1						
Other and unspecified psychoses	309	15	0.2	9	6	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1						

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

Int. List No.	CAUSE OF DEATH	Total Number	Sex Male	Sex Female	AGE IN YEARS																		85	90	Not Stated		
					Under 1	1-4	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					
					1	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84					
631	Diseases of uterus and other female genital organs (630-637) Pterovaginal prolapse Other diseases of uterus	10	0	10																							
632		6	0	6																							
633		4	0	4																							
	XI Deliveries and complications of pregnancy, childbirth, and the puerperium																										
641	Complications of pregnancy (640-649) Other infections of genito-urinary tract during pregnancy Toxemia of pregnancy Hypertensive disease arising during pregnancy Pre-eclampsia of pregnancy Eclampsia of pregnancy Other Placenta previa Other hemorrhage of pregnancy Ectopic pregnancy, without mention of sepsis Other complications arising from pregnancy Fetal anomalies not classified elsewhere Other Abortion (650-652) Abortion without mention of sepsis or toxemia Spontaneous or unspecified Induced for other reasons Other Abortion with sepsis Spontaneous or unspecified Induced for other reasons Delivery with specified complication (670-678) Retained placenta Other postpartum hemorrhage Disproportion or malposition of fetus Other trauma Other complications of childbirth Complications of the puerperium (680-689) Sepsis of childbirth and the puerperium Puerperal pulmonary embolism Puerperal eclampsia Cerebral hemorrhage in the puerperium	21	0	21																							
642		1	0	1																							
643		7	0	7																							
644		1	0	1																							
645		1	0	1																							
646		1	0	1																							
647		1	0	1																							
648		6	0	6																							
649		5	0	5																							
650		14	0	14																							
651		3	0	3																							
652		11	0	11																							
653		5	0	5																							
654		2	0	2																							
655		6	0	6																							
656		5	0	5																							
657		14	0	14																							
658		3	0	3																							
659		1	0	1																							
660		24	0	24																							
661	5	0	5																								
662	4	0	4																								
663	4	0	4																								
664	3	0	3																								
665	2	0	2																								
666	2	0	2																								
667	4	0	4																								
668	10	0	10																								
669	2	0	2																								
670	3	0	3																								
671	4	0	4																								
672	3	0	3																								
673	3	0	3																								
674	2	0	2																								
675	2	0	2																								
676	6	0	6																								
677	6	0	6																								
678	4	0	4																								
679	10	0	10																								
680	2	0	2																								
681	4	0	4																								
682	3	0	3																								
683	4	0	4																								
684	3	0	3																								
685	4	0	4																								
686	4	0	4																								
687	1	0	1																								
688	17	0	17																								
689	6	0	6																								
690	2	0	2																								
691	4	0	4																								
692	2	0	2																								
693	2	0	2																								
694	9	0	9																								
695	3	0	3																								
696	1	0	1																								
697	1	0	1																								
698	2	0	2																								
699	4	0	4																								
700	1	0	1																								
701	1	0	1																								
702	1	0	1																								
703	12	0	12																								
704	10	0	10																								
705	9	0	9																								
706	4	0	4																								
707	2	0	2																								
708	1	0	1																								
709	1	0	1																								
710	14	0	14																								
711	5	0	5																								
712	15	0	15																								
713	2	0	2																								
714	5	0	5																								
715	15	0	15																								

XII Diseases of the skin and cellular tissue

Infections of skin and subcutaneous tissue (690-698)

Boil and carbuncle

Of neck

Of other and multiple sites

Of unspecified site

Other cellulitis and abscess without mention of lymphangitis

Of head and neck

Of trunk

Of upper arm and forearm

Of leg

Of foot, except toes

Of other, multiple, and unspecified sites

Other local infections of skin and subcutaneous tissue

Other diseases of skin and subcutaneous tissue (700-716)

Eczema

Femphigus, other

Erythematous conditions

Lupus erythematosus

Other and unqualified

Psoriasis

Other hypertrophic and atrophic conditions of skin, scleroderma and dermatomyositis

Chronic ulcer of skin

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

CAUSE OF DEATH	Int. List No.	Total		Sex		A G E I N Y E A R S																	90 and Over	Not Stated		
		Number	Rate	Male	Female	Under 1	1-4	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
						Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year			Year	Year
Other accidents (continued)																										
Caused by machinery																										
Home	E912	57	0.7	52	1	2	3	3	4	3	3	2	2	1	6	8	3	5	6	4	2	2				
Farm		2	0.0	1	1																					
Mine and quarry		27	0.3	23	4	2	2	3	2	1	3															
Industrial place and premises		6	0.1	6																						
Place for recreation and sport		14	0.2	14																						
Street and highway		2	0.0	2																						
Other specified places		4	0.1	4																						
Place not specified		4	0.1	4																						
Caused by cutting and piercing instruments	E913	4	0.0	4																						
Home		4	0.0	4																						
Public building		2	0.0	2																						
Place not specified		2	0.0	2																						
Caused by electric current	E914	21	0.3	20	1	2	2	1	3	3	1	2														
Home		5	0.1	4	1																					
Farm		1	0.0	1																						
Industrial place and premises		3	0.1	3																						
Place for recreation and sport		2	0.0	2																						
Street and highway		2	0.0	2																						
Resident institution		1	0.0	1																						
Other specified places		1	0.0	1																						
Caused by fire and explosion of combustible material	E916	199	2.5	125	74	8	22	13	7	4	6	6	9	11	14	12	13	6	11	8	19	13	8	6	3	
Home		163	2.1	92	71	8	21	13	6	4	4	6	7	10	7	8	12	1	9	6	15	11	6	6	3	
Farm		7	0.1	7																						
Industrial place and premises		13	0.2	13																						
Street and highway		1	0.0	1																						
Public building		4	0.1	4																						
Resident institution		2	0.0	2																						
Other specified places		7	0.1	7																						
Place not specified		6	0.1	6																						
Caused by hot substance, corrosive liquid, and steam	E917	18	0.2	12	6	2	9																			
Home		14	0.2	8	6	2	9																			
Industrial place and premises		4	0.1	4																						
Caused by firearm	E919	52	0.7	46	6																					
Home		24	0.3	22	2																					
Farm		1	0.0	1																						
Street and highway		1	0.0	1																						
Public building		1	0.0	1																						
Other specified places		6	0.2	6																						
Place not specified		16	0.2	13	3																					
Inhalation and ingestion of food causing obstruction or suffocation	E921	81	1.0	54	27	57	7																			
Home		51	0.6	34	17	44	4																			
Public building		1	0.0	1																						
Other specified places		2	0.0	2																						
Place not specified		27	0.3	18	9	13	3																			
Inhalation and ingestion of other object causing obstruction or suffocation	E922	23	0.3	14	9	14	7																			
Home		17	0.2	11	6	10	6																			
Public building		5	0.1	5																						
Place not specified		1	0.0	1																						
Foreign body entering other orifice	E923	5	0.1	4	1	1	1																			
Home		0	0.0	0																						
Place not specified		5	0.1	4	1	1	1																			
Mechanical suffocation in bed and cradle	E924	49	0.6	32	17	48	1																			
Home		45	0.6	29	16	44	1																			
Street and highway		1	0.0	1																						
Other specified places		2	0.0	2																						
Place not specified		2	0.0	2																						
Mechanical suffocation in other and unspecified circumstances	E925	11	0.1	11		2	3	4																		
Home		5	0.1	5		2	2																			
Industrial place and premises		3	0.1	3																						
Other specified places		1	0.0	1																						
Place not specified		2	0.0	2																						
Lack of care of infants under 1 year of age, home	E926.0	1	0.0	1																						
Caused by bites and stings of venomous animals and insects, place not specified	E927.9	1	0.0	1																						
Caused by animals	E928	7	0.1	6	1	1	1																			
Home		5	0.1	5																						
Farm		2	0.0	2																						
Drowning and submersion	E929	152	1.9	126	26	30	28	17	19	17	10	8														
Home		9	0.1	8	1	6	2	1	2	3	1	1														
Farm		2	0.0	2																						
Mine and quarry		9	0.1	9																						
Industrial place and premises		2	0.0	2																						
Place for recreation and sport		16	0.2	11	5	4	1	2	4	1	1															
Public building		4	0.1	4																						
Other specified places		111	1.4	91	20	20	17	12	11	15																

TABLE 6 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	MALIGNANT NEOPLASMS																Total																										
	A44 Buccal cavity & pharynx	A45 Esophagus	A46 Stomach	A47 Intestine, except rectum	A48 Rectum	A49 Larynx	A50 Trachea, 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 & lymphoma	A59 Lymphosarcoma & other neoplasms of lymphatic & hemopoietic system		A60 Benign neoplasms - unspecified nature	A61 Nontoxic goiter	A62 Thyrotoxicosis with or without goiter	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	A74 Inflammatory diseases of eye	A75 Cataract										
STATE	10,946	235	970	1,195	489	95	1,461	925	419	256	580	122	118	2,803	526	549	170	8	28	1,595	26	136	367	56	88	8	7,547	90	59	88	2	3											
ALCONA	17	-	1	2	1	-	3	2	-	-	1	-	1	1	1	1	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-										
ALGER	22	-	3	5	-	-	4	2	-	-	1	-	1	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Munising	14	-	3	4	-	-	2	1	-	-	1	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Balance of County	8	-	3	1	-	-	2	1	-	-	-	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
ALLEGAN	94	-	8	13	1	1	7	8	4	3	8	-	4	24	4	8	1	1	1	14	1	1	3	1	1	1	1	1	1	1	1	1	1	1									
Allegan	15	-	2	2	-	-	1	1	-	-	1	-	1	4	4	2	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Otsego	6	-	-	1	-	-	1	1	-	-	1	-	1	1	1	1	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
Plainwell	3	-	-	-	-	-	1	1	-	-	1	-	1	1	1	1	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Balance of County	70	-	6	10	1	-	5	7	2	2	7	-	3	19	3	4	-	-	-	10	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1							
ALPENA	53	1	6	5	1	-	7	8	-	-	5	1	-	11	6	2	-	-	-	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Alpena	33	-	2	3	-	-	5	7	-	-	3	1	-	7	3	2	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Balance of County	20	1	4	2	1	-	2	1	-	-	2	-	-	4	3	-	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
ANTRIM	19	2	3	2	1	-	2	2	1	-	-	-	-	5	-	1	-	-	-	2	1	1	2	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-				
ARENAC	15	1	1	3	-	-	1	1	-	-	-	-	-	5	-	3	-	-	-	3	1	1	1	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-			
BARAGA	11	1	1	2	-	-	1	1	-	1	2	-	-	2	-	-	-	-	-	2	-	-	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-			
BARRY	47	-	3	5	3	-	6	7	2	2	2	-	1	12	1	3	-	-	-	2	2	2	3	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-			
Hastings	8	-	-	-	-	-	1	1	-	-	1	-	1	2	-	-	-	-	-	2	-	-	2	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Balance of County	39	-	3	2	2	-	5	7	2	2	2	-	1	10	1	2	-	-	-	2	-	-	2	-	-	-	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BAY	173	4	5	14	9	6	30	8	7	3	10	2	4	42	5	10	3	-	1	18	2	2	6	-	-	-	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bay City	115	3	5	8	9	7	20	6	3	1	4	1	2	31	3	7	-	-	14	3	1	5	-	-	-	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Essexville	9	-	2	-	-	-	1	1	-	-	1	-	1	1	-	-	-	-	-	1	1	1	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Balance of County	49	1	4	5	1	-	7	1	4	2	6	1	1	11	2	3	1	-	4	4	1	1	1	-	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZIE	16	-	1	2	-	-	2	3	-	-	2	-	-	4	-	1	-	-	-	2	-	-	1	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BERRIEN	232	8	21	19	13	1	25	24	12	7	17	2	1	45	18	11	2	-	-	27	1	4	3	1	-	-	175	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benton Harbor	39	1	2	5	3	1	4	6	3	-	2	-	1	8	3	3	-	-	-	5	2	2	1	-	-	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Miles	19	-	1	2	1	-	2	2	1	1	1	-	1	3	3	2	-	-	-	1	1	1	1	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Joseph	20	-	1	1	3	1	3	1	-	1	-	1	-	4	2	2	-	-	-	1	1	1	1	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buchanan	10	-	-	-	-	-	1	1	-	1	1	-	-	3	-	-	-	-	-	4	1	1	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Balance of County	144	7	5	14	11	7	16	15	7	4	14	1	1	27	12	3	1	-	19	1	1	1	1	-	-	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BRANCH	63	-	2	5	8	2	15	7	4	-	3	2	1	9	3	2	-	-	-	8	1	1	3	1	-	-	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coldwater	24	-	1	2	-	-	5	3	2	-	1	2	1	5	2	2	-	-	-	2	1	1	1	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Balance of County	39	-	2	4	6	2	10	4	2	-	2	-	4	4	1	2	-	-	6	1	1	2	1	-	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALHOUN	175	4	14	18	8	-	23	18	3	5	12	-	1	47	11	11	3	-	-	39	1	5	8	1	1	-	142	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Battle Creek	78	3	6	9	1	-	14	9	2	2	6	-	1	15	6	4	-	-	-	11	1	1	4	1	-	-	71	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Albion	11	-	1	1	-	-	2	2	1	-	1	-	-	5	1	2	-	-	-	4	4	1	2	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Marshall	7	-	-	-	-	-	2	1	-	1	1	-	-	3	-	-	-	-	-	4	4	1	1	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Balance of County	79	1	7	8	7	1	7	8	1	2	5	-	-	24	4	5	3	-	20	1	1	1	1	-	-	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CASS	63	1	8	8	3	-	10	2	4	1	6	1	1	7	7	4	2	-	-	15	2	2	1	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dowagiac	19	1	-	3	1	-	6	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Balance of County	44	-	8	5	2	-	4	1	3	-	4	-	1	7	6	3	1	1	12	1	1	1	1	-	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CHARLEVOLX	26	-	2	2	1	-	5	4	1	-	1	-	-	6	2	2	1	-	-	3	3	2	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Reynolds	6	-	-	-	-	-	3	1	-	-	1	-	-	2	-	-	-	-	-	1	1	1	-	-																			

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	MALIGNANT NEOPLASMS																																								
	A44 Buccal cavity & pharynx	A45 Esophagus	A46 Stomach	A47 Intestine, except rectum	A48 Rectum	A49 Larynx	A50 Trachea, 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 & lymphatic system	A59 Lymphosarcoma & other neoplasms	A60 Benign neoplasms & specified nature	A61 Nonneoplastic	A62 Thyrotoxicosis with or without goiter	A63 Diabetes mellitus	A64 Arteriosclerosis & 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 Nonmeningococcal meningitis	A72 Multiple sclerosis	A73 Epilepsy	A74 Inflammatory diseases of eye	A75 Cataract									
IOSCO	16																																								
IRON																																									
Iron River	1	1	10	4	1	1	7	3	1	1	1	5	2	2	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Balance of County	8		8	3		6	2					3																													
ISABELLA																																									
Mount Pleasant	42	1	3	7	1	1	7	2	3	1	4	9	2	3	2	2	1	1	1	12	7	1	1	5	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	20	1	2	4	1	4	4	1	3	1	2	4	1	1	1	1	1	1	1	5	4	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
JACKSON																																									
Jackson	192	4	15	21	4	2	21	15	11	4	16	5	2	4	9	11	6	1	1	39	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	113	4	10	17	2	1	16	7	5	3	10	2	2	19	4	8	6	1	1	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
KALAMAZOO																																									
Kalamazoo	209	3	35	21	4	1	17	19	10	10	7	3	3	6	6	4	4	4	1	28	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Balance of County	139	2	17	17	3	1	12	13	8	7	3	2	2	22	3	3	2	1	1	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
KALASKA																																									
Kalamazoo	8		1	1	1	1	2	2	1	1	1	3	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	690	10	60	67	17	3	43	67	19	16	33	7	7	127	32	33	15	2	85	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
KENT																																									
Grand Rapids	308	7	28	27	11	3	29	27	13	11	21	2	1	80	19	23	7	1	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	164	1	7	10	6	1	12	17	5	5	12	1	5	44	12	8	7	1	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Keweenaw																																									
Keweenaw	8		3	1	1	1	1	1	1	1	1	1	1	3	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	20		1	1	3	1	4	1	1	1	4	1	1	4	1	1	1	1	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Lapeer																																									
Lapeer	61	2	5	8	2	1	3	4	2	4	5	1	1	20	2	2	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	47	1	5	8	1	1	3	2	1	1	4	1	1	16	2	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LEELANAU																																									
Leelanau	6			1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	108	2	3	16	12	4	9	14	4	3	6	1	1	29	5	4	3	1	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LENAPE																																									
Adrian	38	2	1	5	4	1	4	5	2	1	3	1	1	7	1	3	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Hudson																																									
Tecumseh	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	60		1	6	7	1	5	6	2	2	3	1	1	19	4	1	2	1	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LIVINGTON																																									
Howell	54	1	3	6	2	1	4	6	2	4	4	1	1	17	3	4	1	1	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Balance of County	3	1	1	3	6	1	4	6	2	3	4	1	1	15	3	4	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LIEZ																																									
Newberry	7		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Balance of County	4		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
MACKINAC																																									
St. Ignace	12		2	3	1	1	3	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Balance of County	7		2	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
MACOMB																																									
East Detroit	356	7	4	36	16	3	54	36	8	3	10	4	4	108	23	19	6	1	55	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Balance of County	50	2	1	11	7	1	8																																		

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	A 130 Birth injuries	A 131 Postnatal asphyxia & asphyxiations	A 132 Infections of newborn	A 133 Hemolytic disease of newborn	A 134 All other defined diseases of early infancy	A 135 Ill-defined diseases peculiar to early infancy & immaturity	773 Ill-defined diseases	774-776 Immaturity	A 136 Sentility without mention of psychoses	A 137 Ill-defined & of mortality	ACCIDENTS											AR150 Injury resulting from operations of war						
											AR138 Motor vehicle accidents	AR139 Other transport accidents	AR140 Accidental poisoning	AR141 Accidental falls	AR142 Accident caused by machinery	AR143 Accident caused by fire & explosion of combustible material	AR144 Accident caused by hot substance, corrosive liquid, steam & radiation	AR145 Accident caused by firearm	AR146 Accidental drowning & submersion	AR147 All other accidental causes	AR148 Suicide & self-inflicted injury		AR149 Homicide & injury by other persons (not in war)					
STATE	588	884	186	137	9	40	118	68	1,355	147	1,208	12	154	3,306	1,466	203	111	705	57	199	18	52	152	343	767	216	2	
ALCONA	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	-	-	1	-	-	-	-	-	-	-	-	-	-
ALGER	2	-	-	-	-	-	-	-	3	1	2	-	2	10	5	-	-	2	1	1	-	-	-	-	4	-	-	
Mumising	1	-	-	-	-	-	-	-	2	1	1	-	1	4	2	-	-	2	1	1	-	-	-	-	4	-	-	
Balance of County	1	-	-	-	-	-	-	-	1	1	1	-	1	6	3	-	-	1	1	1	-	-	-	-	4	-	-	
ALLEGAN	2	7	-	-	-	-	1	-	12	-	12	-	1	29	13	-	-	9	1	1	-	1	-	-	5	-	-	
Allegan	1	1	-	-	-	-	-	-	3	-	3	-	-	4	1	-	-	3	1	1	-	-	-	-	1	-	-	
Otsego	1	1	-	-	-	-	-	-	1	-	1	-	-	1	1	-	-	1	1	1	-	-	-	-	1	-	-	
Piasnowell	1	1	-	-	-	-	-	-	1	-	1	-	-	1	1	-	-	1	1	1	-	-	-	-	1	-	-	
Balance of County	1	6	-	-	-	-	1	-	8	-	8	-	1	23	11	-	-	5	1	1	-	1	-	-	4	-	-	
ALPENA	1	4	1	1	-	-	-	1	5	1	4	-	-	19	7	-	-	1	3	1	-	1	-	-	3	-	-	
Alpena	1	4	1	1	-	-	-	1	2	1	2	-	-	9	2	-	-	1	3	1	-	1	-	-	3	-	-	
Balance of County	1	4	1	1	-	-	-	1	3	1	2	-	-	10	5	-	-	1	3	1	-	1	-	-	2	-	-	
ANTRIM	1	1	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	1	-	-	-	-	-	1	-	-	
ARENAC	-	2	-	-	-	-	-	-	1	-	1	-	-	5	3	-	-	1	-	-	-	-	-	-	2	-	-	
BARAGA	-	-	-	-	-	-	-	-	2	1	1	-	-	6	2	-	-	3	-	-	-	-	-	-	1	-	-	
BARRY	1	3	-	-	-	-	-	-	5	2	3	1	1	15	6	-	-	3	1	1	-	1	-	-	6	-	-	
Hastings	1	1	-	-	-	-	-	-	1	1	1	-	-	10	5	-	-	1	1	1	-	1	-	-	3	-	-	
Balance of County	1	2	-	-	-	-	-	-	4	1	3	1	1	10	5	-	-	1	1	1	-	1	-	-	3	-	-	
BAY	9	15	1	1	1	1	3	1	8	3	5	-	2	53	27	4	4	7	7	3	1	2	2	2	9	-	-	
Bay City	3	8	1	1	1	1	1	1	3	1	1	-	1	32	15	1	1	7	7	3	1	1	1	1	3	-	-	
Essexville	1	1	-	-	-	-	-	-	1	1	1	-	-	1	1	1	1	1	1	1	-	1	1	1	1	-	-	
Balance of County	5	6	-	-	-	-	2	-	1	1	1	-	-	21	12	3	3	7	7	3	1	1	1	1	4	-	-	
BENZIE	1	1	1	1	-	-	-	-	-	-	-	-	-	9	6	1	1	1	-	-	-	-	-	-	1	-	-	
BERRIEN	8	17	6	6	-	-	3	3	38	11	27	-	2	70	32	3	3	8	3	5	-	1	2	13	13	2	-	
Benton Harbor	3	5	3	3	-	-	2	4	12	5	7	-	1	14	4	1	1	2	1	2	-	-	-	4	7	1	-	
Niles	1	3	-	-	-	-	-	-	1	1	1	-	-	5	3	-	-	1	1	1	-	-	-	1	1	-	-	
St. Joseph	-	2	-	-	-	-	-	-	2	1	1	-	-	5	3	-	-	4	1	1	-	-	-	1	1	-	-	
Buchanan	-	1	-	-	-	-	-	-	1	1	1	-	-	3	3	-	-	1	1	1	-	-	-	1	1	-	-	
Balance of County	4	7	3	3	-	-	1	2	23	5	18	-	1	43	22	2	2	2	2	3	-	1	1	8	3	1	-	
BRANCH	3	3	-	-	-	-	2	-	-	-	-	-	-	18	5	-	-	8	2	-	-	-	-	-	8	-	-	
Colwater	2	1	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	3	2	-	-	-	-	-	4	-	-	
Balance of County	2	2	-	-	-	-	-	-	-	-	-	-	-	15	5	-	-	5	2	-	-	-	-	-	4	-	-	
CALHOUN	12	28	5	4	-	1	2	1	17	1	16	-	1	61	28	4	1	12	4	3	-	-	-	8	14	2	-	
Battle Creek	2	8	3	3	-	-	1	6	6	1	5	-	1	18	8	1	1	5	1	1	-	-	-	3	1	1	-	
Albion	1	4	1	1	-	-	-	2	2	1	2	-	-	7	4	-	-	1	1	1	-	-	-	1	1	-	-	
Marshall	1	1	-	-	-	-	-	1	1	1	1	-	-	3	1	-	-	1	1	1	-	-	-	1	2	-	-	
Balance of County	9	16	1	1	-	-	1	8	8	-	8	-	-	33	15	3	-	5	3	2	-	-	-	4	11	1	-	
CASS	2	1	1	1	-	-	-	2	2	-	2	-	-	16	8	-	-	4	1	1	-	-	-	3	5	-	-	
Dowagiac	1	1	-	-	-	-	-	1	1	-	1	-	-	4	3	-	-	1	1	1	-	-	-	1	3	-	-	
Balance of County	2	1	-	-	-	-	-	1	1	-	1	-	-	12	5	-	-	3	1	1	-	-	-	3	4	-	-	
CHARLEVOIX	1	1	-	-	-	-	-	4	4	-	4	-	-	7	5	1	-	-	-	-	-	-	-	1	1	-	-	
Boyer City	1	1	-	-	-	-	-	1	1	-	1	-	-	2	2	1	-	-	-	-	-	-	-	1	1	-	-	
Charlevoix	-	-	-	-	-	-	-	3	3	-	3	-	-	5	3	1	-	-	-	-	-	-	-	1	1	-	-	
Balance of County	-	-	-	-	-	-	-	3	3	-	3	-	-	5	3	1	-	-	-	-	-	-	-	1	1	-	-	
CHEBOYGAN	2	1	-	-	-	-	1	2	2	-	2	-	-	9	4	-	-	1	1	1	-	1	2	-	2	-	-	
Cheboygan	1	1	-	-	-	-	1	1	1	-	1	-	-	3	4	-	-	1	1	1	-	1	1	-	2	-	-	
Balance of County	1	1	-	-	-	-	1	1	1	-	1	-	-	6	4	-	-	1	1	1	-	1	1	-	2	-	-	
CHIPPEWA	2	4	1	1	-	-	1	10	10	-	10	-	1	14	6	3	-	2	2	-	-	2	-	1	1	1	-	
Sault Ste. Marie	2	2	1	1	-	-	1	7	7	-	7	-	1	5	1	1	-	1	1	-	-	2	-	1	1	1	-	
Balance of County	-	2	-	-	-	-	3	3	3	-	3	-	-	9	5	1	-	1	1	-	-	2	-	1	1	1	-	
CLARE	-	1	-	-	-	-	3	3	-	-	3	-	-	8	3	-	-	-	-	-	-	-	-	-	2	-	-	

TABLE 9 - LEADING CAUSES OF DEATH BY AGE GROUP
MICHIGAN, 1958

(Leading causes in each age group selected on the basis of the Intermediate List of 150 Causes with subdivisions of causes A81, A85, A109, A132, and A135.)

Under 1 Year		
Cause of Death	Number	%
All Causes	4,980	100
Immaturity	1,208	24.3
Postnatal asphyxia & atelectasis	884	17.8
Congenital malformations	771	15.5
Birth injuries	587	11.8
Pneumonia & influenza (includes pneumonia of newborn)	541	10.9

1 - 4		
Cause of Death	Number	%
All Causes	727	100
Accidents	179	24.6
Pneumonia & influenza	105	14.4
Congenital malformations	98	13.5
Malignant neoplasms	92	12.7
Gastro-enteritis & colitis	37	5.1

5 - 14		
Cause of Death	Number	%
All Causes	632	100
Accidents	264	41.8
Malignant neoplasms	102	16.1
Congenital malformations	53	8.4
Pneumonia & influenza	25	4.0
Nephritis & nephrosis	19	3.0

15 - 24		
Cause of Death	Number	%
All Causes	855	100
Accidents	429	50.2
Malignant neoplasms	83	9.7
Suicide	44	5.1
Diseases of heart	43	5.0
Homicide	27	3.2

25 - 34		
Cause of Death	Number	%
All Causes	1,319	100
Accidents	362	27.4
Malignant neoplasms	213	16.1
Diseases of heart	159	12.1
Suicide	107	8.1
Pneumonia & influenza	44	3.3

35 - 44		
Cause of Death	Number	%
All Causes	2,842	100
Diseases of heart	816	28.7
Malignant neoplasms	587	20.7
Accidents	337	11.9
Vascular lesions of central nervous system	155	5.5
Suicide	150	5.3

45 - 54		
Cause of Death	Number	%
All Causes	6,110	100
Diseases of heart	2,289	37.5
Malignant neoplasms	1,505	24.6
Vascular lesions of central nervous system	401	6.6
Accidents	332	5.4
Cirrhosis of liver	216	3.5

55 - 64		
Cause of Death	Number	%
All Causes	10,914	100
Diseases of heart	4,624	42.4
Malignant neoplasms	2,624	24.0
Vascular lesions of central nervous system	962	8.8
Accidents	338	3.1
Diabetes	328	3.0

65 & Over*		
Cause of Death	Number	%
All Causes	37,520	100
Diseases of heart	17,251	46.0
Vascular lesions of central nervous system	5,964	15.9
Malignant neoplasms	5,725	15.3
Arteriosclerosis	1,226	3.3
Pneumonia & influenza	1,147	3.1

*Includes 5 deaths of unknown age.

TABLE 10 - DEATHS UNDER 5 YEARS BY CAUSE AND DETAILED AGE
MICHIGAN, 1958

(By place of residence. Exclusive of fetal deaths. Cause of death classified according to Seventh Revision of International List, 1955, Intermediate List of 150 Causes with additional subdivisions indicated by detailed list numbers.)

CAUSE OF DEATH	Int. List No.	DAYS					Under 4 Wks	MONTHS												Under 1 Yr	YEARS					
		Under 1 Day	1-6		7-13	14-20		21-27	1	2	3	4	5	6	7	8	9	10	11		1	2	3	4		
			Under 1 Wk	3-6																						
ALL CAUSES		5,707	2,151	547	361	356	3,415	194	98	82	282	232	164	123	102	58	64	45	45	43	33	4,980	323	172	136	96
TUBERCULOSIS, ALL FORMS	A 1-A 5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	2	-
Tuberculosis of respiratory system	A 1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Tuberculosis of meninges and central nervous system	A 2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	-
Dysentery, all forms	A16	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	1	-
Streptococcal sore throat	A18	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Septicemia and pyemia	A20	20	-	-	-	-	-	1	-	-	6	3	2	1	1	2	1	1	1	1	-	19	1	-	-	-
Whooping cough	A22	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	6	1	1
Meningococcal infections	A23	23	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	-	8	3	2	1	1
Acute poliomyelitis	A28	11	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3	2	3	2	1
Acute infectious encephalitis	A29	7	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	6	2	1	2	1
Measles	A32	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	1
A34	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	1	-	3
Infectious hepatitis	A43	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	23	24	22	23
All other diseases classified as infective and parasitic	A44-A59	107	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS, ALL FORMS	A47	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of intestine, except rectum	A56	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of bone and connective tissue	A57	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of all other and unspecified sites	A58	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leukemia and leukemia	A59	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	3	-
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic system																										
Benign neoplasms and neoplasms of unspecified nature	A60	9	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	1	-
Diabetes mellitus	A63	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-
Avitaminosis and other deficiency states	A64	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anemias	A65	9	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	2
Allergic disorders; all other endocrine, metabolic and blood diseases	A66	41	-	3	-	-	2	3	2	-	5	4	5	4	1	2	1	-	-	-	-	29	5	3	3	1
Mental deficiency	A69	8	1	-	-	-	-	1	-	-	1	1	1	1	1	-	-	-	-	-	-	5	2	1	1	-
Vascular lesions affecting central nervous system	A70	11	-	-	-	-	-	-	-	-	2	1	1	1	1	-	-	-	-	-	-	7	2	1	1	-
Nonmeningococcal meningitis	A71	47	1	-	-	-	-	1	2	3	3	3	2	2	1	2	4	1	1	1	-	30	8	4	4	1
Epilepsy	A73	11	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	4	3	2	-
Inflammatory diseases of eye	A74	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Otitis media and mastoiditis	A77	11	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	7	3	-	-	1
All other diseases of the nervous system and sense organs	A78	49	-	-	-	-	-	1	1	-	2	1	2	5	6	4	3	2	1	-	-	32	7	6	3	1
HEART DISEASE, ALL FORMS	A80-A83	24	1	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	10	6	3	2	3
Arteriosclerotic and degenerative heart disease	A81	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	3	-	1
420 Arteriosclerotic heart disease, including coronary disease		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
421-422 Nonrheumatic chronic endocarditis & other myocardial degeneration		10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	1	-	1
Other diseases of heart	A82	12	1	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2
Other diseases of circulatory system	A86	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	-
Acute upper respiratory infections	A87	19	-	-	-	-	-	-	-	-	3	4	6	-	-	-	-	-	-	-	-	16	2	1	-	-
Influenza	A88	12	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	7	3	1	-	-
PNEUMONIA, ALL FORMS	A89-A91	497	-	-	-	-	-	-	-	-	99	55	41	32	20	17	11	9	6	8	-	397	66	15	12	7
Lobar pneumonia	A89	39	-	-	-	-	-	-	-	-	7	6	2	3	6	1	1	3	3	2	-	31	4	3	7	8
Bronchopneumonia	A90	208	-	-	-	-	-	-	-	-	34	36	19	21	13	12	12	3	3	3	-	158	33	7	8	2
Primary atypical, other and unspecified pneumonia	A91	250	-	-	-	-	-	-	-	-	58	57	34	17	13	7	4	5	6	3	-	208	29	5	3	5

TABLE 11 - DEATHS UNDER 5 YEARS BY DETAILED AGE AND RESIDENCE (Continued)

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		
			GLADWIN	8	2		1	1	-		4	-	-	-	4	-	-	2	-	1	-		-	-	1	-	-	-
GOGEBIC	16	4	-	2	2	8	-	1	1	10	1	-	-	-	1	-	-	1	-	-	-	-	-	13	2	1	-	-
Ironwood	7	2	-	1	1	4	-	1	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	-
Bessemer	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Wakefield	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Balance of County	7	2	-	1	1	4	-	-	1	5	-	-	-	-	-	-	-	1	-	-	-	-	-	6	1	-	-	-
GRAND TRAVERSE	23	9	2	3	-	14	-	-	1	15	-	1	-	-	1	-	-	-	-	-	-	-	-	17	3	-	2	1
Traverse City	9	5	-	2	-	7	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	1	-
Balance of County	14	4	2	1	-	7	-	-	1	8	-	1	-	-	1	-	-	-	-	-	-	-	-	10	2	-	1	1
GRATIOT	37	9	2	5	2	18	3	1	-	22	-	3	2	2	1	-	-	1	-	2	-	-	-	33	1	-	-	3
Alma	9	1	1	2	-	4	-	-	-	4	-	-	1	-	-	-	-	-	-	1	-	-	-	6	-	-	-	3
St. Louis	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Balance of County	26	8	1	3	2	14	3	1	-	18	-	2	1	1	1	-	-	1	-	1	-	-	-	25	1	-	-	-
HILLSDALE	32	14	-	2	4	20	1	-	-	21	1	-	-	1	-	-	1	-	1	-	-	-	-	25	2	2	1	2
Hillsdale	5	3	-	-	1	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
Balance of County	27	11	-	2	3	16	1	-	-	17	1	-	-	1	-	-	1	-	1	-	-	-	-	21	2	2	1	1
HOUGHTON	14	4	-	1	-	5	-	1	-	6	1	-	-	1	2	-	-	-	1	-	-	-	-	11	2	-	1	-
Hancock	4	3	-	-	-	3	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	-	-	4	-	-	-	-
Houghton	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Laurium	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Balance of County	8	-	-	1	-	1	-	-	-	1	1	-	-	1	2	-	-	-	-	-	-	-	-	5	2	-	1	-
HURON	22	8	1	-	3	12	-	-	1	13	-	-	1	-	1	1	1	1	1	-	-	-	-	18	2	-	-	2
Bad Axe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	22	8	1	-	3	12	-	-	1	13	-	-	1	-	1	1	1	1	1	-	-	-	-	18	2	-	-	2
INGHAM	155	46	12	20	11	89	2	5	1	97	6	6	7	5	1	3	1	1	2	1	1	1	1	131	7	6	6	5
Lansing	75	20	4	11	8	43	1	3	-	47	4	2	4	1	-	1	-	1	2	-	-	-	1	63	5	3	2	2
East Lansing	19	10	-	2	-	12	-	-	-	13	1	-	-	1	-	-	-	-	-	-	-	-	-	15	1	2	1	-
Mason	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	61	16	8	7	3	34	1	1	1	37	1	4	3	3	1	2	1	-	-	1	-	-	-	53	1	1	3	3
IONIA	38	8	3	-	3	14	2	-	-	16	3	3	1	-	1	-	-	-	2	2	1	1	1	29	4	3	1	1
Belding	2	-	1	-	-	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Ionia	8	3	-	-	1	4	1	-	-	5	1	2	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
Portland	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Balance of County	27	5	2	-	2	9	-	-	-	9	2	-	1	-	1	-	-	-	2	2	1	1	1	18	4	3	1	1
IOSCO	18	11	1	1	2	15	-	-	-	15	-	1	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	1
IRON	8	2	1	2	1	6	-	-	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	1	-
Iron River	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Balance of County	7	2	1	2	1	6	-	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	1	-
ISABELLA	32	11	5	-	2	18	2	1	1	22	-	1	4	1	1	-	-	-	1	-	-	-	-	30	1	-	1	-
Mount Pleasant	12	2	1	-	-	3	1	1	1	6	-	1	2	-	1	-	-	-	1	-	-	-	-	11	-	-	1	-
Balance of County	20	9	4	-	2	15	1	-	-	16	-	2	1	-	-	-	-	-	-	-	-	-	-	19	1	-	-	-
JACKSON	103	37	6	7	12	62	5	4	-	71	4	5	3	4	2	-	-	3	1	-	2	-	-	95	4	-	1	3
Jackson	51	17	2	3	7	29	4	3	-	36	2	3	1	4	-	-	-	3	-	-	-	-	-	49	1	-	-	1
Balance of County	52	20	4	4	5	33	1	1	-	35	2	2	2	-	2	-	-	1	-	2	-	-	-	46	3	-	1	2
KALAMAZOO	100	47	5	6	6	64	3	2	-	69	3	6	5	-	1	1	-	2	-	-	-	-	-	87	5	4	1	1
Kalamazoo	54	27	2	2	3	34	2	2	-	38	2	3	2	-	1	1	-	2	-	-	-	-	-	49	3	1	1	-
Balance of County	46	20	3	4	3	30	1	-	-	31	1	3	3	-	-	-	-	-	-	-	-	-	-	38	2	3	-	3
KALKASKA	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
KENT	243	83	25	20	6	134	7	4	2	147	12	11	10	5	5	3	3	2	-	3	5	-	-	206	18	11	6	2
Grand Rapids	135	44	16	9	4	73	5	3	1	82	3	7	5	4	4	1	2	1	-	1	4	-	-	114	11	4	6	-
East Grand Rapids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	108	39	9	11	2	61	2	1	1	65	9	4	5	1	1	2	1	1	-	2	1	-	-	92	7	7	-	2
KEWEENAW	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
LAKE	2	2	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
LAPERR	30	11	3	5	2	21	-	-	-	21	2	-	1	1	-	-	-	1	1	-	-	-	-	27	-	2	1	-
Lapeer	12	4	1	4	-	9	-	-	-	9	1	-	1	1	-	-	-	-	-	-	-	-	-	12	-	-	-	-
Balance of County	18	7	2	1	2	12	-	-	-	12	1	-	-	-	-	-	-	1	1	-	-	-	-	15	-	2	1	-
LEELANAU	10	6	1	-	-	7	-	-	-	7	1	-	-	-	-	-	2	-	-	-	-	-	-	10	-	-	-	-
LENAWEE	49	13	5	4	5	27	1	1	-	29	3	3	1	1	1	-	-	1	-	1	-	-	-	40	5	1	1	2
Adrian	9	1	-	-	2	3	-	-	-	3	-	1	-	-	-	-	-	1	-	-	-	-	-	5	2	-	-	2
Hudson	3	1	1	-</																								

TABLE 11 - DEATHS UNDER 5 YEARS BY DETAILED AGE AND RESIDENCE (Continued)

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	
MANISTEE	10	4	1	-	1	6	1	-	-	7	-	-	-	1	-	-	-	-	-	-	-	-	8	1	-	-	1
Manistee	4	1	1	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1
Balance of County	6	3	-	-	1	4	1	-	-	5	-	-	-	1	-	-	-	-	-	-	-	6	-	-	-	-	
MARQUETTE	36	22	1	2	2	27	2	-	-	29	-	-	-	-	-	-	-	-	-	-	-	32	3	-	-	1	
Marquette	10	7	-	-	-	7	1	-	-	8	-	-	-	-	-	-	-	-	-	-	-	9	1	-	-	-	
Ishpeming	8	3	-	1	1	5	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	1	
Negaunee	5	4	-	-	-	4	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	
Balance of County	13	8	1	1	1	11	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	11	2	-	-	-	
MASON	13	6	1	-	-	7	-	-	-	7	-	-	-	-	-	1	-	-	-	-	-	8	1	2	1	1	
Ludington	7	5	1	-	-	6	-	-	-	6	-	-	-	-	-	1	-	-	-	-	-	7	-	-	-	-	
Balance of County	6	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	
MEGOSTA	10	4	2	-	1	7	1	-	-	8	-	-	-	-	-	1	1	-	-	-	-	10	-	-	-	-	
Big Rapids	4	1	1	-	-	2	1	-	-	3	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	
Balance of County	6	3	1	-	1	5	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	6	-	-	-	-	
MEMPHIS	20	10	2	-	-	12	-	-	-	12	2	2	-	-	-	1	1	-	-	-	-	18	1	-	-	1	
Memphis	11	6	-	-	-	6	-	-	-	6	1	1	-	-	-	-	-	-	-	-	-	9	1	-	-	1	
Balance of County	9	4	2	-	-	6	-	-	-	6	1	1	-	-	-	1	-	-	-	-	-	9	-	-	-	-	
MIDLAND	27	10	4	1	1	16	1	2	1	20	2	1	1	1	-	-	-	1	-	1	-	27	-	-	-	-	
Midland	15	7	1	1	1	10	1	1	1	13	1	-	-	-	-	-	-	1	-	-	-	15	-	-	-	-	
Balance of County	12	3	3	-	-	6	-	-	-	7	1	1	1	1	-	-	-	-	-	1	-	12	-	-	-	-	
MISSAUKEE	7	2	-	-	-	2	-	-	-	2	1	-	1	1	-	-	-	-	-	-	-	5	2	-	-	-	
MONROE	48	19	2	1	7	29	2	1	1	33	1	2	1	2	1	-	-	1	-	-	-	41	5	1	1	-	
Monroe	13	8	-	-	-	8	1	-	1	10	-	-	1	1	-	-	-	-	-	-	-	12	-	-	1	-	
Milan (Part)	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Balance of County	34	11	2	1	6	20	1	1	-	22	1	2	-	1	1	-	-	1	-	-	-	28	5	1	-	-	
MONTCALM	32	15	5	1	4	25	-	-	-	25	1	2	1	-	-	-	-	-	-	-	-	29	-	2	1	-	
Greenville	6	2	1	1	-	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	4	-	1	1	-	
Balance of County	26	13	4	-	4	21	-	-	-	21	1	2	1	-	-	-	-	-	-	-	-	25	-	1	-	-	
MONTMORENCY	3	1	-	-	-	1	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	3	-	-	-	-	
MUSKEGON	109	39	10	5	7	61	3	2	-	66	7	4	3	1	3	1	2	1	1	2	-	91	8	7	1	2	
Muskegon	35	14	3	2	4	23	1	1	-	25	1	1	1	-	1	-	-	-	-	1	-	30	2	2	-	1	
Muskegon Heights	15	9	1	1	-	11	-	-	-	11	1	1	-	-	-	-	-	-	-	-	-	13	2	-	-	-	
Balance of County	59	16	6	2	3	27	2	1	-	30	5	2	2	1	2	1	2	1	1	1	-	48	4	5	1	1	
NEWAYGO	10	3	2	-	-	5	1	-	-	6	-	1	2	-	-	-	-	-	-	-	-	9	1	-	-	-	
Fremont	3	1	2	-	-	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	
Balance of County	7	2	-	-	-	2	1	-	-	3	-	1	2	-	-	-	-	-	-	-	-	6	1	-	-	-	
OAKLAND	485	174	52	36	28	290	23	6	11	330	17	23	15	7	5	5	5	2	4	1	3	417	23	19	19	7	
Pontiac	83	32	11	3	5	51	3	1	1	56	2	1	6	1	1	-	1	-	-	-	1	69	5	4	3	2	
Ferndale	30	15	5	1	1	22	-	-	-	23	-	-	-	-	-	2	-	-	-	1	-	27	-	-	-	1	
Royal Oak	60	24	6	4	3	37	5	-	2	44	3	2	1	1	1	-	-	-	-	-	-	52	2	2	4	-	
Berkley	11	5	1	-	1	7	-	-	-	7	1	-	1	-	-	-	-	-	-	-	-	9	-	-	-	-	
Birmingham	33	11	6	3	2	22	2	-	1	25	2	2	1	-	-	-	-	-	-	-	-	30	-	2	1	-	
Hazel Park	19	9	-	2	-	11	2	1	-	14	-	-	-	-	-	1	-	2	-	-	-	17	1	1	-	-	
Clawson	7	4	-	-	1	5	1	-	-	6	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	-	
Holly	3	2	-	-	-	2	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	
Huntington Woods	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northville (Part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oak Park	17	7	1	2	2	12	-	-	-	12	-	-	-	-	-	-	-	-	-	1	-	13	1	2	1	-	
Pleasant Ridge	2	1	-	1	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Rochester	3	-	1	1	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	
Balance of County	217	64	21	19	13	117	9	4	6	136	9	17	6	5	3	2	4	-	2	1	2	187	13	8	5	4	
OCEANA	12	4	1	-	1	6	-	-	-	6	2	-	1	-	-	-	-	1	-	-	-	10	-	2	-	-	
OCEMAW	4	-	2	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	
ONTONAGON	15	6	2	1	-	9	-	2	-	11	-	2	-	-	-	-	-	-	-	-	-	13	-	1	1	-	
OSCEOLA	7	3	-	1	1	5	1	-	1	7	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	
OSCODA	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	
OTSEGO	7	3	-	-	1	4	-	-	-	4	2	-	-	-	-	-	1	-	-	-	-	7	-	-	-	-	
OTTAWA	50	18	5	2	5	30	2	-	-	32	3	2	1	-	1	3	-	-	2	-	1	45	3	-	1	1	
Holland	6	2	2	-	-	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	1	5	-	-	-	1	
Grand Haven	9	5	1	-	1	7	-	-	-	7	1	-	-	-	1	-	-	-	-	-	-	9	-	-	-	-	
Zeeland	2	1	-	-	1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Balance of County	33	10	2	2	3	17	2	-	-	19	2	2	1	-	-	3	-	-	2	-	-	29	3	-	1	-	
FRESQUE ISLE	13	2	1	-	-	3	1	1	-	5	2	1	-	-	3	-	-	-	-	-	-	11	2	-	-	-	
Rogers City	3	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	
Balance of County	10	2	1	-	-	3	1	1	-	5	1	1	-	-	1	-	-	-	-	-	-	8	2	-	-	-	
ROSCOMMON	11	4	-	1	1	6	-	-	-	6	1	-	1	-	1	-	-	-	-	-	-	9	1	1	-	-	
SAGINAW	145	47	18	12	10	87	4	3	2	96	5	7	7	8	2	2	2	2	1	-	1	133	6	-	4	2	
Saginaw	81	22	14	4	5	45	3	3	1	52	3	5	4	6	-	1	1	2	-	-	1	75	5	-	1	-	
Balance of County	64	25	4	8	5	42	1	-	1	44	2	2	3	2	2	1	1	-	1	-	-	58	1	-	3	2	
ST. CLAIR	64	25	6	3	5	39	1	1	-	41	5	-	2	4	2	1	-	-	-	1	-	56	3	2	1	2	
Fort Huron	18	5	4	1	2	12	-	1	-	13	2	-	-	-	-	-	-	-	-	1	-	16	-	-	-	2	
Algonac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Marine City	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Marysville	3	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	1	-	-	-	
St. Clair	2	2	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Balance of County	40	16	2	2	3	23	1	-	-	24	3	-	2	3	2	1	-	-	-	-	-	35	2	2	1	-	
ST. JOSEPH	38	10	5	4	1</																						

TABLE 11 - DEATHS UNDER 5 YEARS BY DETAILED AGE AND RESIDENCE (Continued)

AREA	Under 5 Yrs	Under 1 Day	D A Y S			Under 1 Wk	D A Y S			Under 4 Wks	M O N T H S											Under 1 Yr	Y E A R S				
			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	
			SANILAC	17	8		1	1	1		11	-	-	-	11	1	-	-	-	-	-		-	-	-	-	-
SCHOOLCRAFT	10	2	1	-	1	4	-	-	1	5	2	-	-	-	-	1	-	-	-	1	-	-	9	-	1	-	-
Manistique	8	2	1	-	1	4	-	-	-	4	1	-	-	-	-	1	-	-	-	1	-	-	7	-	1	-	-
Balance of County	2	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
SHILAWASSEE	39	15	8	2	3	28	1	-	-	29	1	3	1	2	1	-	2	-	-	-	-	-	39	-	-	-	-
Owosso	15	5	4	-	2	11	1	-	-	12	-	1	-	-	-	2	-	-	-	-	-	-	15	-	-	-	-
Durand	2	-	-	1	1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Balance of County	22	10	4	1	-	15	-	-	-	15	1	2	1	2	1	-	-	-	-	-	-	-	22	-	-	-	-
TUSCOLA	25	9	-	5	1	15	-	-	2	17	1	1	-	1	2	-	-	-	-	-	-	-	22	2	-	-	1
Caro	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Vassar	3	1	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-
Balance of County	21	8	-	5	-	13	-	-	2	15	-	1	-	1	2	-	-	-	-	-	-	-	19	1	-	-	1
VAN BUREN	35	8	5	2	3	18	1	1	-	20	3	3	3	1	2	1	1	-	-	-	-	-	34	-	-	1	-
South Haven	1	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Balance of County	34	8	4	2	3	17	1	1	-	19	3	3	3	1	2	1	1	-	-	-	-	-	33	-	-	1	-
WASHTENAW	94	31	13	7	5	56	3	2	2	63	6	4	-	1	2	1	4	-	-	1	1	83	3	3	2	3	
Ann Arbor	27	10	5	-	1	16	1	-	2	19	2	1	-	1	-	-	-	-	-	-	1	25	1	-	-	-	
Ypsilanti	22	9	3	3	3	18	1	-	-	19	-	1	-	-	-	-	-	-	-	-	1	21	1	-	-	-	
Chelsea	1	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	
Milan (Part)	2	2	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Balance of County	42	10	5	3	1	19	1	2	-	22	4	2	-	1	1	1	3	-	-	-	-	34	1	3	2	2	
WAYNE	2,052	851	198	124	114	1,287	65	32	30	1,414	107	69	55	44	32	21	17	17	14	13	12	1,815	116	52	43	26	
Detroit	1,326	561	119	72	69	821	45	18	23	907	70	44	40	30	25	15	9	11	8	7	7	1,173	75	31	32	15	
Dearborn	85	42	14	4	3	63	2	-	1	66	3	1	2	3	-	-	-	1	1	-	1	78	3	1	2	1	
Hamtramck	28	5	5	4	1	15	2	2	1	20	1	1	2	1	-	-	-	-	-	-	-	25	1	-	-	2	
Highland Park	25	11	1	2	4	18	1	-	-	18	2	1	-	-	1	-	-	-	-	-	-	23	1	-	-	1	
Lincoln Park	34	12	3	3	1	19	1	1	1	22	3	1	-	1	-	-	-	-	-	-	-	28	5	1	-	-	
Wyandotte	55	18	9	3	6	36	2	-	-	38	1	1	1	-	3	1	-	1	1	2	1	50	2	2	-	1	
Allen Park	18	8	-	-	1	9	-	-	-	9	1	-	1	-	-	-	-	-	-	-	-	12	4	1	1	-	
Ecorse	19	8	1	1	3	12	1	-	-	13	1	-	-	1	-	-	-	-	-	1	1	17	5	1	-	-	
Grosse Pte. Park	6	3	1	-	-	4	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	5	1	-	-	-	
Grosse Pte. Woods	6	2	2	1	-	5	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	
Inkster	34	13	6	4	-	23	1	-	-	24	3	1	-	-	-	1	1	-	-	-	-	30	2	1	1	-	
Livonia	33	15	5	5	1	26	-	-	1	27	3	-	-	-	1	-	-	-	-	-	-	31	1	-	1	-	
River Rouge	15	4	2	1	2	9	1	-	-	10	-	1	1	1	-	-	-	-	-	-	-	13	-	1	-	1	
Garden City	47	18	6	3	3	30	-	2	-	32	1	4	-	-	-	-	-	-	-	1	-	38	4	4	1	-	
Grosse Pte.	10	5	3	-	2	10	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	
Grosse Pte. Farms	3	1	-	-	-	1	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	
Melvindale	11	3	1	1	2	7	-	-	-	8	-	1	-	-	-	-	-	-	-	-	-	9	1	1	-	-	
Northville (Part)	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plymouth	8	4	-	-	1	5	-	-	-	5	1	-	-	-	-	-	-	-	-	1	-	7	-	-	-	-	
Trenton	16	5	-	2	2	9	-	2	1	12	-	-	-	-	1	-	-	-	-	-	-	14	1	1	-	-	
Wayne	24	14	1	2	-	17	1	1	-	19	2	2	-	-	-	-	-	-	-	-	-	23	1	-	-	-	
Balance of County	249	99	20	16	13	148	9	4	2	163	14	10	8	7	2	3	7	1	1	2	3	221	12	8	3	5	
WEXFORD	8	1	1	-	2	4	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	6	2	-	-	-	
Cadillac	4	1	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	2	-	-	-	
Balance of County	4	-	1	-	2	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	

TABLE 12 - BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, DEATHS UNDER 28 DAYS, MATERNAL DEATHS, MARRIAGES, AND DIVORCES, AND RATES BY COUNTY: POPULATION MICHIGAN, 1958

(Deaths exclusive of fetal deaths. 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 and under 28 days per 1,000 live births. Maternal death rates per 10,000 live births.)

AREA	Population Estimates July 1, 1958	OCCURRENCE				RESIDENCE								MARRIAGES		DIVORCES*			
		Live Births		Deaths		Live Births		Deaths				Number	Rate Married	Number	Rate Divorced				
		Number	Rate	Number	Rate	Number	Rate	All Ages	Infant	Neonatal	Maternal								
STATE	7,866,000	201,607	25.6	65,604	8.3	202,690	25.8	65,899	8.4	4,980	24.6	3,789	18.7	69	3.4	55,159	14.0	14,040	3.6
Alcona	6,030	66	10.9	53	8.8	134	22.2	92	15.3	3	22.4	1	7.5	-	0	46	15.3	10	3.3
Alger	9,820	147	15.0	89	9.1	236	24.0	122	12.4	8	33.9	5	21.2	-	0	66	13.4	11	2.2
Allegan	61,860	1,021	16.5	446	7.2	1,363	22.0	561	9.1	39	28.6	28	20.5	-	0	358	11.6	77	2.5
Alpena	26,980	953	35.3	257	9.5	853	31.6	247	9.2	21	24.6	14	16.4	-	0	225	16.7	38	2.8
Antrim	11,230	108	9.6	95	8.5	262	23.3	128	11.4	4	15.3	3	11.5	-	0	66	11.8	13	2.3
Arenac	9,890	153	15.5	114	11.5	226	22.9	120	12.1	6	26.5	6	26.5	-	0	90	18.2	5	1.0
Baraga	6,210	162	26.1	95	15.3	151	24.3	91	14.7	4	26.5	2	13.2	-	0	48	15.5	3	1.0
Barry	32,280	614	19.0	284	8.8	675	20.9	335	10.4	12	17.8	9	13.3	-	0	223	13.8	50	3.1
Bay	103,990	3,088	29.7	930	8.9	2,966	28.5	931	9.0	60	20.2	43	14.5	6	20.2	756	14.5	147	2.8
Benzie	8,160	191	23.4	98	12.0	201	24.6	116	14.2	4	19.9	3	14.9	-	0	66	16.2	12	2.9
Berrien	153,010	3,761	24.6	1,312	8.6	3,777	24.7	1,372	9.0	112	29.7	80	21.2	4	10.6	1,486	19.4	318	4.2
Branch	38,960	717	18.4	392	10.1	721	18.5	390	10.0	12	16.7	10	13.9	-	0	317	16.3	59	3.0
Calhoun	138,870	3,737	26.9	1,392	10.0	3,392	24.4	1,282	9.2	100	29.5	76	22.4	-	0	1,161	16.7	424	6.1
Cass	35,130	328	9.3	298	8.5	646	18.4	381	10.8	15	23.2	10	15.5	-	0	57	3.2	29	1.7
Charlevoix	13,720	232	16.9	161	11.7	337	24.6	176	12.8	10	29.7	8	23.7	-	0	113	16.5	20	2.9
Cheboygan	13,800	337	24.4	145	10.5	387	28.0	181	13.1	10	25.8	9	23.3	-	0	115	16.7	18	2.6
Chippewa	32,450	928	28.6	283	8.7	956	29.5	306	9.4	30	31.4	20	20.9	-	0	296	18.2	15	0.9
Clare	12,160	389	32.0	136	11.2	319	26.2	132	10.9	9	28.2	6	18.8	-	0	91	15.0	19	3.1
Clinton	34,650	615	17.7	297	8.6	1,030	29.7	353	10.2	18	17.5	13	12.6	-	0	244	14.1	51	2.9
Crawford	4,840	207	42.8	68	14.0	113	23.3	42	8.7	4	35.4	2	17.7	-	0	41	16.9	6	2.5
Delta	32,920	838	25.5	312	9.5	790	24.0	332	10.1	13	16.5	12	15.2	-	0	251	15.2	33	2.0
Dickinson	23,560	723	30.7	336	14.3	493	20.9	236	10.0	5	10.1	5	10.1	-	0	220	18.7	23	2.0
Eaton	52,280	719	13.8	350	6.7	1,251	23.9	449	8.6	23	18.4	13	10.4	1	8.0	310	11.9	76	2.9
Emmet	15,920	601	37.8	255	16.0	399	25.1	181	11.4	10	25.1	7	17.5	-	0	133	16.7	22	2.8
Genesee	372,600	11,558	31.0	2,504	6.7	11,245	30.2	2,574	6.9	289	25.7	225	20.0	2	1.8	2,822	15.1	842	4.5
Gladwin	9,910	139	14.0	90	9.1	256	25.8	97	9.8	8	31.2	4	15.6	-	0	91	18.4	14	2.8
Goebic	26,360	696	26.4	366	13.9	517	19.6	341	12.9	13	25.1	10	19.3	-	0	157	11.9	20	1.5
Grand Traverse	33,530	1,159	34.6	629	18.8	761	22.7	299	8.9	17	22.3	15	19.7	-	0	261	15.6	52	3.1
Grafton	36,030	837	23.2	403	11.2	1,013	28.1	382	10.6	33	32.6	22	21.7	-	0	308	17.1	54	3.0
Hillsdale	32,990	537	16.3	256	7.8	776	23.5	323	9.8	25	32.2	21	27.1	-	0	229	13.9	53	3.2
Houghton	33,160	812	24.5	532	16.0	752	22.7	554	16.7	11	14.6	6	8.0	-	0	233	14.1	28	1.7
Huron	36,200	824	22.8	360	9.9	853	23.6	391	10.8	18	21.1	13	15.2	-	0	249	13.8	26	1.4
Ingham	216,860	6,586	30.4	1,632	7.5	5,648	26.0	1,599	7.4	131	23.2	97	17.2	-	0	1,746	16.1	511	4.7
Ionia	42,680	635	14.9	346	8.1	1,088	25.5	422	9.9	29	26.7	16	14.7	-	0	281	13.2	58	2.7
Iosco	16,130	592	36.7	154	9.5	608	37.7	149	9.2	17	28.0	15	24.7	-	0	152	18.8	18	2.2
Iron	18,990	349	18.4	206	10.8	348	18.3	225	11.8	7	20.1	7	20.1	-	0	127	13.4	18	1.9
Isabella	30,450	862	28.3	241	7.9	952	31.3	264	8.7	30	31.5	22	23.1	-	0	257	16.9	39	2.6
Jackson	130,290	3,365	25.8	1,193	9.2	3,186	24.5	1,248	9.6	95	29.8	71	22.3	-	0	910	14.0	318	4.9
Kalamazoo	155,250	4,089	26.3	1,622	10.4	4,113	26.5	1,340	8.6	87	21.2	69	16.8	1	2.4	1,197	15.4	384	4.9
Kalkaska	4,440	117	26.4	42	9.5	100	22.5	56	12.6	1	10.0	-	0	-	0	46	20.7	6	2.7
Kent	351,950	10,254	29.1	3,271	9.3	9,522	27.1	3,119	8.9	206	21.6	147	15.4	2	2.1	2,548	14.5	590	3.4
Keeweenaw	2,580	-	0	19	7.4	40	15.5	41	15.9	1	25.0	1	25.0	-	0	14	10.9	2	1.6
Lake	5,020	15	3.0	60	12.0	110	21.9	94	18.7	2	18.2	2	18.2	-	0	45	17.9	16	6.4
Lapeer	45,050	975	21.6	402	8.9	1,023	22.7	396	8.8	27	26.4	21	20.5	1	9.8	301	13.4	55	2.4
Leelanau	9,220	27	2.9	57	6.2	233	25.3	94	10.2	10	42.9	7	30.0	-	0	51	11.1	6	1.3
Lenawee	82,560	2,136	25.9	664	8.0	1,913	23.2	710	8.6	40	20.9	29	15.2	1	5.2	544	13.2	125	3.0
Livingston	36,300	755	20.8	321	8.8	948	26.1	346	9.5	21	22.2	16	16.9	2	21.1	242	13.3	49	2.7
Luce	7,680	215	28.0	180	23.4	159	20.7	67	8.7	6	37.7	5	31.4	-	0	59	15.4	2	0.5
Mackinac	9,930	228	23.0	85	8.6	299	30.1	98	9.9	6	20.1	4	13.4	1	33.4	98	19.7	16	3.2
Macomb	357,000	4,928	13.8	1,493	4.2	12,241	34.3	2,089	5.9	271	22.1	217	17.7	3	2.5	1,953	10.9	133	0.7
Manistee	19,970	422	21.1	224	11.2	456	22.8	239	12.0	8	17.5	7	15.4	-	0	137	13.7	30	3.0
Marquette	51,030	1,341	26.3	556	10.9	1,294	25.4	553	10.8	32	24.7	29	22.4	-	0	397	15.6	27	1.1
Mason	22,650	449	19.8	218	9.6	474	20.9	251	11.1	8	16.9	7	14.8	-	0	127	11.2	35	3.1
Mecosta	18,560	402	21.7	194	10.5	486	26.2	207	11.2	10	20.6	8	16.5	1	20.6	171	18.4	-	0
Menominee	26,230	656	25.0	279	10.6	512	19.5	273	10.4	18	35.2	12	23.4	-	0	227	17.3	15	1.1
Midland	46,700	1,508	32.3	209	4.5	1,520	32.5	264	5.7	27	17.8	20	13.2	-	0	348	14.9	57	2.4
Missaukee	7,590	2	0.3	35	4.6	170	22.4	83	10.9	5	29.4	2	11.8	-	0	54	14.2	3	0.8
Monroe	98,900	1,771	17.9	571	5.8	2,637	26.7	753	7.6	41	15.5	33	12.5	-	0	1,255	25.4	102	2.6
Montcalm	37,980	1,523	40.1	428	11.3	931	24.5	406	10.7	29	31.1	25	26.9	-	0	280	14.7	50	2.1
Montmorency	4,320	2	0.5	31	7.2	103	23.8	53	12.3	3	29.1	1	9.7	-	0	18	8.3	9	4.2
Muskegon	147,820	3,844	26.0	1,113	7.5	4,111	27.8	1,192	8.1	91	22.1	66	16.1	1	2.4	1,117	15.1	290	3.9
Newaygo	25,280	691	27.3	255	10.1	613	24.2	260	10.3	9	14.7	6	9.8	-</					

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

Table with columns: AREA, Population Enclosures July 1, 1958, O.C.C.U.R.R.E.N.C.E. (Live Births, Deaths, Plural Births, etc.), R.E.S.I.D.E.N.C.E. (Sex, Color, Illegitimacy, etc.), and D.E.A.T.H.S. (Infant, Neonatal, Maternal). Rows list various counties and states like CLINTON, CRAWFORD, DELTA, etc.

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 FETAL DEATHS BY PLACE OF RESIDENCE; DEATHS UNDER 1 YEAR, MATERNAL DEATHS, AND RATES BY PLACE OF RESIDENCE: POPULATION (Continued)

AREA	OCCURRENCE				RESIDENCE										Deaths				Place of Birth				Deaths										
	Live Births		Deaths		Number Born in		Place of Delivery		Sex		Color		Illegiti-		All Ages		Infant		Neonatal		Maternal												
	Number	Rate	Number	Rate	Plural	Triplets	Hospital	Physician	Total	Non-Hospital	Phys.	Midwife	Other	Male	Female	White	Non-White	Illegiti-	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate					
IRON	18,990		206	10.8	348	18.3	341		7				346	1777	2		1	9	225	11.8	7	20.1	7	20.1	7	20.1	7	20.1	7	20.1			
Iron River	4,310		0	0	63	15.1	63		2				65	29	2		1	55	12.8	15	15.4	1	15.4	1	15.4	1	15.4	1	15.4				
Balance of County	14,680		165	11.2	283	19.3	278		5				281	142	2		7	170	11.6	8	21.2	6	21.2	6	21.2	6	21.2	6	21.2				
ISABELLA	30,450		862	28.3	952	31.3	945		7				933	479	19		19	15	264	8.7	30	31.5	30	31.5	22	23.1	22	23.1	22	23.1			
Mount Pleasant	12,120		856	70.6	350	28.9	349		1				346	184	4		5	15	99	8.2	11	31.4	11	31.4	6	17.1	6	17.1	6	17.1			
Balance of County	18,330		6	0.3	602	32.8	596		6				587	295	14		14	13	165	9.0	19	31.6	19	31.6	16	26.6	16	26.6	16	26.6			
JACKSON	130,290		3,365	25.8	3,186	24.5	3,176		10				3,020	1,575	103		103	26	1,248	9.6	95	29.8	95	29.8	71	22.6	71	22.6	71	22.6			
Jackson	61,440		3,332	54.3	1,295	21.4	1,292		3				1,138	667	69		69	11	696	11.3	49	37.8	49	37.8	35	27.2	35	27.2	35	27.2			
Balance of County	68,890		33	0.5	1,891	27.4	1,884		7				1,882	944	34		34	15	552	8.0	46	24.3	46	24.3	35	18.5	35	18.5	35	18.5			
KALAMAZOO	155,250		4,089	26.3	4,113	26.5	4,099		14				3,917	1,959	86		86	59	1,340	8.6	87	21.2	87	21.2	69	16.8	69	16.8	69	16.8			
Kalamazoo	74,170		3,900	48.1	1,287	15.9	1,287		8				1,889	1,071	66		66	35	816	10.1	49	23.6	49	23.6	38	18.3	38	18.3	38	18.3			
Balance of County	81,080		189	2.5	2,037	27.5	2,031		6				2,028	954	20		20	25	524	7.1	38	18.7	38	18.7	31	15.2	31	15.2	31	15.2			
KALASKA	4,440		117	26.4	100	22.5	99		1				54	46	3		3	5	56	12.6	1	10.0	1	10.0									
KENT	351,950		10,254	29.1	9,522	27.1	9,478		44				8,984	4,892	250		250	119	3,119	8.9	206	21.6	206	21.6	167	15.4	167	15.4	167	15.4			
Grand Rapids	214,830		7,444	34.7	2,135	9.9	2,135		28				4,519	2,537	216		216	83	1,979	9.2	116	22.7	116	22.7	82	16.3	82	16.3	82	16.3			
E. Grand Rapids	7,360		2,775	37.0	395	53.7	178		1				177	90	1		1	1	68	9.2	1	0	1	0									
Balance of County	129,760		35	0.3	4,311	33.2	4,296		15				4,288	2,265	33		33	35	1,072	8.3	92	21.3	92	21.3	65	15.1	65	15.1	65	15.1			
KEMERMAN	2,580		0	0	40	15.5	40		0				38	25	0		0	0	41	15.9	1	25.0	1	25.0									
LAKE	5,020		15	3.0	110	21.9	108		2				83	56	14		14	1	94	18.7	2	18.2	2	18.2									
LAPER	45,050		975	21.6	1,023	22.7	1,008		15				1,013	538	485		485	8	396	8.8	27	26.4	27	26.4									
Leeper	7,770		830	106.8	194	25.0	191		3				190	98	1		1	1	77	9.9	12	61.9	12	61.9									
Balance of County	37,280		145	3.9	829	22.2	817		12				823	440	389		389	7	319	8.6	15	18.1	15	18.1									
LEEANAU	9,220		27	2.9	233	25.3	232		1				227	115	118		118	5	94	10.2	10	42.9	10	42.9									
LENAREE	82,560		2,136	25.9	1,913	23.2	1,883		30				1,897	974	33		33	30	710	8.6	40	20.9	40	20.9									
Adrian	23,810		1,090	45.8	539	22.6	528		1				528	281	8		8	1	201	8.4	5	9.3	5	9.3									
Hudson	3,340		325	97.3	62	18.6	62		1				62	33	29		29	4	32	9.5	3	48.4	3	48.4									
Tecumseh	5,380		567	105.4	85	15.4	85		1				85	95	93		93	2	44	8.2	5	26.6	5	26.6									
Balance of County	50,030		154	3.1	1,124	22.5	1,106		18				1,119	565	559		559	13	433	8.7	27	24.0	27	24.0									
LIVINGSTON	36,300		755	20.8	948	26.1	940		16				943	484	464		464	17	346	9.5	21	22.2	21	22.2									
Howell	5,910		721	122.0	147	24.9	132		2				132	62	70		70	4	62	10.5	4	30.3	4	30.3									
Balance of County	30,390		34	1.1	816	26.9	808		6				811	422	394		394	15	284	9.3	17	20.8	17	20.8									
LUCE	7,680		215	28.0	159	20.7	159		4				156	84	75		75	4	67	8.7	6	37.7	6	37.7									
Newberry	4,960		214	78.7	43	15.8	43		2				43	41	40		40	2	33	12.1	2	25.6	2	25.6									
Balance of County	2,720		1	0.2	81	16.3	81		2				80	151	148		148	2	34	6.9	4	49.4	4	49.4									
MACKINAC	9,930		228	23.0	299	30.1	297		4				293	151	148		148	6	98	9.9	6	20.1	6	20.1									
St. Ignace	3,350		211	63.0	122	36.4	122		4				118	68	54		54	3	34	10.1	2	16.4	2	16.4									
Balance of County	6,580		17	2.6	177	26.9	175		2				175	83	94		94	5	64	9.7	4	22.6	4	22.6									
MACOMB	357,000		4,928	13.8	12,241	34.3	12,184		56				11,943	6,248	5,993		5,993	169	2,089	5.9	271	22.1	271	22.1									
East Detroit	43,210		8	0.2	1,385	32.1	1,377		8				1,380	712	673		673	10	12	249	5.8	36	26.0	36	26.0								
Mount Clemens	25,250		3,987	157.9	1,861	73.7	1,847		14				1,847	931	930		930	57	1,263	10.4	28	15.0	28	15.0									
Roseville	42,810		3	0.1	1,613	37.7	1,611		2				1,596	808	805		805	17	2,192	10.6	33	19.2	33	19.2									
St. Clair Shores	67,520		6	0.1	2,604	38.6	2,597		7				2,595	1,334	1,270		1,270	9	18	39	337	5.0	51	19.6									
Centerline	11,350		1	0.1	336	29.6	335		10				336	155	181		181	1	49	4.3	4	17.9	4	17.9									
Romeo	4,210		3	0.7	129	30.6	126		3				125	57	72		72	3	41	9.7	1	7.8	1	7.8									
Balance of County	162,650		920	5.7	4,313	26.5	4,291		22				4,249	2,251	2,062		2,062	55	79	964	5.9	118	27.4	118	27.4								
MANISTEE	19,970		422	21.1	456	22.8	451		5				449	218	238		238	10	239	12.0	8	17.5	8	17.5									
Manistee	9,300		356	38.3	116	12.5	116		1				109	109	109</																		

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 FATAL DEATHS BY PLACE OF RESIDENCE: DEATHS UNDER 1 YEAR, DEATHS UNDER 28 DAYS, MATERNAL DEATHS, AND RATES BY PLACE OF RESIDENCE: POPULATION (Continued)

AREA	OCCURRENCE				RESIDENCE								Deaths										
	Live Births		Deaths		Number Born In		Place of Delivery		Sex	Color	Illegitimacy	Fatal Deaths	All Ages		Infant		Neonatal		Maternal				
	Number	Rate	Number	Rate	Plural Births	Twins Triplets	Hospital	Non-Hospital					Male	Female	White Non-White	Number	Rate	Number		Rate	Number	Rate	Number
ST. CLAIR	101,890	2,387	23.4	1,066	10.5	70	-	2,569	17	16	1	59	35	1,120	11.0	56	17.1	41	16.0	2	7.8		
Port Huron	39,250	1,534	39.1	685	17.5	26	-	930	3	2	-	35	8	477	12.2	13	13.9	13	13.9	-	0		
Algonac	3,060	3	1.0	23	5.3	6	-	130	6	6	-	5	1	48	15.8	-	-	-	-	-	0		
Marine City	5,110	4.5	1.97	38.6	7.6	6	-	197	6	6	-	4	2	59	11.5	1	5.1	1	5.1	-	0		
Marysville	2,890	-	0	10	3.5	4	-	78	78	27.0	4	4	1	49	10.4	2	25.6	1	12.8	-	0		
St. Clair	4,850	527	108.7	35	7.2	4	-	196	4	4	-	4	1	49	10.4	2	10.2	2	10.2	-	0		
Balance of County	46,750	323	6.9	297	6.4	24	-	1,018	8	8	-	15	22	457	9.8	35	34.1	24	23.4	1	9.7		
ST. JOSEPH	46,860	1,191	25.4	467	10.0	17	-	1,051	5	5	-	23	26	486	10.4	33	31.2	23	21.8	1	9.5		
Sturgis	10,430	662	63.5	160	15.3	18	-	239	239	22.9	4	4	4	127	11.2	9	9.2	8	33.5	-	0		
Three Rivers	8,860	524	59.1	150	16.9	2	-	185	5	5	-	6	11	107	12.1	11	59.5	10	54.1	-	0		
Balance of County	27,570	5	0.2	157	5.7	9	-	627	5	5	-	7	18	283	10.3	14	22.2	8	12.7	-	15.8		
SANILAC	34,910	741	21.2	289	8.3	16	-	765	24	24	-	6	17	361	10.3	13	16.5	11	13.9	-	0		
SCHODOLGRIFT	8,740	310	35.5	108	12.4	1	-	251	2	2	-	11	4	100	11.4	9	35.6	5	19.8	-	0		
Manistique	4,860	309	63.6	96	19.8	1	-	159	32.7	7	-	3	3	59	12.1	7	44.0	4	25.2	-	0		
Balance of County	3,880	1	0.3	12	3.1	1	-	92	2	2	-	9	2	44	10.6	1	10.6	1	10.6	-	0		
SHUASSEE	56,140	1,433	25.5	492	8.8	22	-	1,356	8	8	-	19	21	518	9.2	39	28.6	29	21.3	-	0		
Owasco	19,780	1,212	61.3	238	12.0	4	-	478	1	1	-	6	10	192	9.7	15	31.3	12	25.1	-	0		
Durand	3,880	213	54.9	51	13.1	2	-	96	2	2	-	4	4	35	9.0	2	20.8	2	20.8	-	0		
Balance of County	32,480	8	0.2	203	6.2	16	-	782	7	7	-	9	10	291	9.0	22	27.9	15	19.0	-	0		
TUSCOLA	45,840	651	14.2	419	9.1	18	-	1,077	16	15	-	30	14	469	10.2	22	20.1	17	15.6	1	9.1		
Caro	4,070	310	76.2	83	20.4	3	-	74	-	-	-	2	2	53	13.0	2	13.7	2	13.7	-	0		
Vassar	3,130	2	0.6	24	7.7	2	-	95	2	2	-	4	1	37	11.8	2	20.6	2	20.6	-	0		
Balance of County	38,640	339	8.8	312	8.1	16	-	909	14	13	-	27	11	379	9.8	19	20.6	15	16.3	-	10.8		
VAN BUREN	52,040	896	17.2	499	9.6	24	-	1,124	6	5	-	31	20	565	10.9	34	30.1	20	17.7	-	0		
South Haven	7,480	496	66.3	137	18.3	6	-	151	2	2	-	22	7	77	10.3	1	6.6	1	6.6	-	0		
Balance of County	44,560	400	9.0	362	8.1	18	-	973	6	5	-	24	19	488	11.0	33	33.7	19	19.4	-	0		
WASHINGTON	156,250	5,865	37.4	2,201	14.1	84	-	4,413	14	13	-	119	65	1,085	6.9	83	18.7	63	14.2	-	0		
Ann Arbor	34,560	3,789	69.4	1,186	21.7	26	-	1,606	3	2	-	41	21	403	7.4	25	15.5	19	11.8	-	0		
Ann Arbor	22,950	1,519	66.2	206	9.0	2	-	737	2	2	-	35	7	200	8.7	21	28.4	19	25.7	-	0		
Chelsea	2,780	44	15.8	96	34.4	2	-	95	1	1	-	2	2	49	17.6	1	10.4	1	10.4	-	0		
Milan (Part)	2,380	-	0	9	3.8	2	-	85	1	1	-	4	4	27	11.3	2	23.5	2	23.5	-	0		
Balance of County	73,570	536	7.3	756	10.3	34	-	1,890	8	8	-	40	31	406	5.5	34	17.9	22	11.6	-	0		
WAYNE	2,845,250	80,619	28.3	23,580	8.3	1,633	-	67,340	521	509	4	8	34,792	33,069	51,702	16,159	1,172	23,231	8.2	1,414	20.8	30	4.4
Detroit	1,917,650	57,567	30.0	16,752	8.7	1,035	-	41,220	461	453	3	5	21,333	20,348	26,820	14,861	774	17,298	9.0	1,173	28.1	22	5.3
Dearborn	129,850	3,625	27.9	610	4.7	117	-	4,238	9	8	-	61	50	921	7.1	17	18.4	66	15.2	-	2.4		
Hamtramck	39,310	839	21.3	362	9.2	28	-	857	4	2	-	2	461	400	701	160	422	10.7	25	29.0	-	0	
Highland Park	44,580	6,032	135.3	961	21.6	13	-	708	2	2	-	47	17	512	11.5	23	32.4	18	25.4	-	28.2		
Lincroft	54,310	1,704	31.4	271	5.0	6	-	1,431	1	1	-	2	21	24	270	5.0	28	19.6	22	15.4	-	7.0	
Wyandotte	49,840	2,685	53.9	386	7.7	50	-	1,782	2	2	-	36	24	354	7.1	50	28.0	38	21.3	-	0		
Allen Park	40,150	1	0.0	548	13.6	22	-	866	1	1	-	6	15	141	3.5	12	13.8	9	10.4	-	0		
Rosse Pte. Park	18,320	-	0	32	1.7	19	-	504	-	-	-	26	13	148	8.1	17	33.7	13	25.8	-	19.8		
Grosse Pte. Park	16,200	-	0	36	2.2	2	-	164	-	-	-	1	1	111	6.9	5	30.5	4	24.4	-	0		
Grosse Pte. Woods	17,240	-	0	52	3.0	7	-	269	-	-	-	3	4	102	5.9	5	18.6	5	18.6	-	0		
Inkster	52,180	30	0.9	40	1.2	34	-	1,542	6	6	-	10	24	218	6.6	30	19.4	24	15.5	-	0		
Livonia	51,050	4	0.1	117	2.3	47	-	1,753	3	3	-	14	26	256	5.0	31	17.7	27	15.4	-	0		
River Rouge	21,470	303	14.1	70	3.3	3	-	897	5	5	-	2	14	175	8.2	13	24.7	10	19.0	-	38.0		
Garden City	25,460	1,163	44.9	68	2.7	10	-	521	3	3	-	3	20	164	6.4	38	18.3	32	15.4	-	0		
Grosse Pointe	10,460	1,587	151.7	246	23.5	8	-	2,077	5	5	-	13	20	85	8.1	10	44.1	10	44.1	-	0		
Grosse Pointe Farms	14,370	810	56.4	181	12.6	7	-	113	-	-	-	7	7	84	5.8	3	26.5	2	17.7	-	0		
Westland	14,530	-	0	18	1.2	7	-	370	-	-	-	2	7	80	5.5	9	24.3	8	21.6	-	0		
Westland	4,710	171	36.3	17	3.5	2	-	137	1	1	-	2	4	38	8.1	-	-	-	-	-	73.0		
Plymouth	10,910	1	0.1	19	1.7	14	-	342	1	1	-	5	4	175	16.8	34	34.3	7	20.4	-	0		
Warrenville (Part)	10,310	1,719	125.2	175	15.2	14	-	616	4	4	-	7	1	323	29.3	61.5	1	4	6.8	-	0		
Renton	3,770	2,030	98.4	168	8.1	18	-	1,477	5	4	-	4	13	143	6.9	23	15.5	12	19.5	-	0		
Wayne	20,640	368	1.2	2,396	8.1	134	-	6,129	16	16	-	80	105	1,526	5.1	221	36.0	163	26.5	-	0		
Balance of County	297,630	720	39.0	206	11.2	12	-	239	5	5	-	1	6	197	10.7	6	12.6	4	8.4	-	21.0		
WEXFORD	18,440	10,510	718	68.3	159	15.1	-	477	26.4	4	-	1	13	304	9.9	7.2	1	3.6	-	-	0		
Canfield	7,930	2	0.3	47	5.9	4	-	198	1	1	-	5	3	93	11.7	4	20.1	3	15.1	-	50.3		

Note: The two cities Milan and Northville listed in this table are each located in two counties. The total population estimates are Milan 3,250 and Northville 5,160.

TABLE 14 - MARRIAGES BY ORDER OF MARRIAGE AND AGE OF BRIDE AND GROOM
MICHIGAN, 1958

AGE (YEARS)	B R I D E						G R O O M					
	Total	Order of Marriage					Total	Order of Marriage				
		First	Second	Third	Fourth or More	Not Stated		First	Second	Third	Fourth or More	Not Stated
ALL AGES	55,159	42,146	10,223	2,345	416	29	55,159	42,754	10,012	2,035	333	25
15 - 19	20,981	20,585	378	5	-	13	6,917	6,891	25	-	-	1
20 - 24	18,215	16,407	1,699	96	2	11	24,307	23,369	898	25	1	14
25 - 29	4,943	2,942	1,743	235	19	4	9,801	8,011	1,661	116	7	6
30 - 34	3,030	1,071	1,544	351	64	-	4,169	2,373	1,559	217	20	-
35 - 39	2,164	529	1,204	365	65	1	2,529	934	1,252	297	45	1
40 - 44	1,709	250	1,009	384	66	-	1,848	488	1,034	284	42	-
45 - 49	1,310	171	817	263	59	-	1,462	257	887	261	55	2
50 - 54	1,015	100	644	223	48	-	1,172	169	723	237	43	-
55 - 59	703	46	449	170	38	-	949	110	626	183	30	-
60 - 64	543	24	373	114	32	-	764	78	507	154	25	-
65 - 69	327	12	217	85	13	-	745	51	522	145	27	-
70 - 74	157	4	112	34	7	-	310	13	202	78	16	1
75 & Over	55	-	33	19	3	-	176	3	114	38	21	-
Not Stated	7	5	1	1	-	-	10	7	2	-	1	-

TABLE 15 - MARRIAGES BY RESIDENCE STATUS OF BRIDE AND GROOM
MICHIGAN, 1958

RESIDENCE STATUS	NUMBER	PERCENT
TOTAL	55,159	100
Both bride and groom resident of State	50,631	91.8
Bride resident, groom nonresident of State	2,174	3.9
Groom resident, bride nonresident of State	563	1.0
Both bride and groom nonresident of State	1,791	3.3
Residence status of either or both not stated	-	0

TABLE 16 - DIVORCES BY CASES CONTESTED, LIBELLANT, NUMBER OF CHILDREN: ANNULMENTS: BY COUNTY OF DECREE
MICHIGAN, 1958

AREA	Divorces & Annulments	Annulments	D I V O R C E S											
			Total	Cases Contested	Granted to -		Children						5 or More	Not Stated
					Husband	Wife	0	1	2	3	4			
STATE	14,040	189	13,851	1,781	3,420	10,431	6,493	3,142	2,242	1,122	554	297	1	
Alcona	10	-	10	2	2	8	5	2	2	1	-	-	-	
Alger	11	-	11	-	2	9	5	1	1	1	2	1	-	
Allegan	77	2	75	33	16	59	29	16	11	9	5	5	-	
Alpena	38	-	38	9	6	32	13	10	5	5	2	3	-	
Antrim	13	-	13	1	4	9	5	3	2	2	-	1	-	
Arenac	5	-	5	2	1	4	2	2	1	-	-	-	-	
Baraga	3	-	3	1	2	1	1	1	1	-	-	-	-	
Barry	50	1	49	15	11	38	24	8	9	3	4	1	-	
Bay	147	2	145	35	29	116	54	42	26	14	7	2	-	
Benzie	12	-	12	2	5	7	6	3	2	-	1	-	-	
Berrien	318	-	318	38	82	236	147	66	54	31	12	8	-	
Branch	59	-	59	12	17	42	31	6	9	6	3	4	-	
Calhoun	424	-	424	119	94	330	180	97	81	41	16	9	-	
Cass	29	-	29	-	5	24	7	10	6	4	2	-	-	
Charlevoix	20	-	20	9	4	16	8	7	1	3	-	1	-	
Cheboygan	18	-	18	-	3	15	12	2	3	1	-	-	-	
Chippewa	15	-	15	-	7	8	2	7	2	1	2	1	-	
Clare	19	-	19	6	5	14	7	6	3	-	3	-	-	
Clinton	51	-	51	14	14	37	15	10	12	5	6	3	-	
Crawford	6	-	6	-	2	4	2	3	-	1	-	-	-	
Delta	33	-	33	1	11	22	12	8	5	2	3	3	-	
Dickinson	23	-	23	1	6	17	11	6	3	2	1	-	-	
Eaton	76	3	73	16	16	57	25	18	18	6	6	-	-	
Emmet	22	-	22	5	6	16	13	-	5	3	-	1	-	
Genesee	842	11	831	208	227	604	406	178	121	77	34	15	-	
Gladwin	14	-	14	1	5	9	4	3	2	3	1	1	-	
Gogebic	20	-	20	7	8	12	7	7	3	1	1	1	-	
Grand Traverse	52	-	52	9	7	45	17	20	6	5	3	1	-	
Gratiot	54	-	54	1	18	36	20	17	8	4	5	-	-	
Hillsdale	53	-	53	6	12	41	29	10	6	4	1	3	-	
Houghton	28	-	28	7	3	25	12	5	6	5	-	-	-	
Huron	26	-	26	9	6	20	9	4	7	1	5	-	-	
Ingham	511	12	499	50	127	372	237	114	77	43	17	11	-	
Ionia	58	-	58	12	15	43	15	17	11	7	6	2	-	
Iosco	18	-	18	2	7	11	12	2	3	1	-	-	-	
Iron	18	-	18	3	5	13	6	5	1	5	1	-	-	
Isabella	39	-	39	-	7	32	11	13	5	3	3	4	-	
Jackson	318	3	315	6	78	237	141	74	44	30	18	8	-	
Kalamazoo	384	-	384	5	101	283	176	95	57	31	12	13	-	
Kalkaska	6	-	6	3	-	6	3	1	2	-	-	-	-	
Kent	590	12	578	211	95	483	243	127	106	55	28	19	-	
Keweenaw	2	-	2	1	-	2	2	-	-	-	-	-	-	
Lake	16	-	16	-	8	8	8	3	2	3	-	-	-	
Lapeer	55	-	55	7	17	38	20	12	10	6	5	2	-	
Leelanau	6	1	5	1	-	5	2	1	1	1	-	-	-	
Lenawee	125	2	123	30	24	99	51	30	23	10	4	5	-	
Livingston	49	-	49	1	15	34	22	7	10	6	3	1	-	
Luce	2	-	2	-	-	2	1	-	1	-	-	-	-	
Mackinac	16	-	16	6	1	15	9	3	3	-	-	1	-	
Macomb	133	4	129	17	28	101	43	36	31	10	6	3	-	
Manistee	30	1	29	3	7	22	12	7	4	1	2	3	-	
Marquette	27	-	27	3	11	16	11	7	4	4	1	-	-	
Mason	35	-	35	8	11	24	14	6	3	9	3	-	-	
Mecosta	-	-	-	-	-	-	-	-	-	-	-	-	-	
Menominee	15	1	14	9	3	11	3	4	3	2	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	Not Stated
					Husband	Wife	0	1	2	3	4				
Midland	57	-	57	17	17	40	22	13	11	4	6	1	-		
Missaukee	3	-	3	1	2	1	1	-	1	1	-	-	-		
Monroe	102	2	100	14	34	66	40	22	23	7	8	-	-		
Montcalm	50	-	50	2	10	40	12	14	13	7	3	1	-		
Montmorency	9	-	9	2	3	6	3	2	1	1	1	1	-		
Muskegon	290	2	288	28	91	197	130	55	56	25	15	7	-		
Newaygo	47	-	47	-	12	35	26	5	7	4	2	3	-		
Oakland	1,338	15	1,323	202	252	1,071	544	356	217	109	66	31	-		
Oceana	28	-	28	4	5	23	14	4	8	2	-	-	-		
Ogemaw	6	-	6	-	1	5	1	-	4	-	1	-	-		
Ontonagon	9	-	9	-	2	7	2	2	3	1	-	1	-		
Osceola	18	-	18	-	6	12	7	5	2	-	4	-	-		
Oscoda	4	-	4	-	-	4	2	1	1	-	-	-	-		
Otsego	4	-	4	-	-	4	-	2	1	1	-	-	-		
Ottawa	90	-	90	8	28	62	40	16	19	5	7	3	-		
Presque Isle	13	-	13	2	4	9	6	1	4	2	-	-	-		
Roscommon	15	-	15	3	5	10	9	1	4	1	-	-	-		
Saginaw	276	4	272	81	63	209	109	78	40	24	13	8	-		
St. Clair	219	5	214	35	57	157	96	48	41	20	7	2	-		
St. Joseph	83	-	83	38	26	57	31	21	9	14	6	2	-		
Sanilac	28	-	28	15	9	19	8	5	7	5	-	3	-		
Schoolcraft	10	-	10	-	3	7	4	1	4	1	-	-	-		
Shiawassee	84	-	84	12	17	67	33	20	20	9	-	2	-		
Tuscola	45	-	45	2	5	40	13	10	12	4	4	2	-		
Van Buren	69	-	69	2	15	54	27	10	14	10	3	4	1		
Washtenaw	331	3	328	143	86	242	138	81	62	26	16	5	-		
Wayne	5,790	103	5,687	222	1,470	4,217	3,013	1,227	835	371	157	84	-		
Wexford	1	-	1	1	1	-	-	-	1	-	-	-	-		