

B. A. Dayberry
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Bloom

Michigan

HEALTH STATISTICS

1960

MICHIGAN DEPARTMENT OF HEALTH

MICHIGAN
HEALTH STATISTICS

ANNUAL STATISTICAL REPORT
1960



Statistical Methods Section
Michigan Department of Health
Lansing 4, Michigan

CHARTS - TABLES

CHARTS

	Page
Michigan's Health Picture, 1950 - 1960	I
Michigan's Population, 1900 - 1960	II
Population Trends by Economic Areas, Numerical Distribution: Michigan, 1900 - 1960	III
Population Trends by Economic Areas, Percentage Distribution: Michigan, 1900 - 1960	IV
Life Expectancy Lengthens: Michigan, 1920 - 1960	V
Birth and Death Rates: Michigan, 1900 to date	VI
Age at Death - A Changing Pattern, Percentage Distribution: Michigan since 1900	VII
Leading Causes of Death: Michigan - 1900, 1930, 1960	VIII
Death Rates Due to Certain Chronic and Infectious Diseases: Michigan and United States, 1900 - 1960	IX
Mortality Trends, Heart - Cancer - Diabetes: Michigan, 1900 - 1960	X
Cancer Mortality Trends: Michigan since 1940	XI
Tuberculosis Case and Death Rates: Michigan, 1900 - 1960	XII
Leading Causes of Death: Michigan, 1960	XIII
Ten Leading Causes of Death, Distribution by Age Groups: Michigan, 1960	XIV
Leading Causes of Death by Age Groups: Michigan, 1960	XV
Live Births, Infant and Maternal Mortality Rates: Michigan, 1900 - 1960	XVI
Infant Mortality - Leading Causes: Michigan - 1930, 1960	XVII
Infant Mortality Trends: Michigan, 1930 - 1960	XVIII
Perinatal Mortality Trends and Relationship of Component Parts: Michigan, 1925 - 1960	XIX
Accidental Deaths, 4th Leading Cause of Death: Michigan, 1960	XX
Accidental Deaths by Age and Leading Causes, Percentage Distribution: Michigan, 1960	XXI
Marriages and Divorces: Michigan, 1900 - 1960	XXII

TABLES

1900 - 1960

	Area	Page
Table 1A Population; Live Births - Total and Illegitimate; Deaths - All Ages, Infant, Neonatal, Perinatal, Fetal, Maternal and Deaths Due to Immaturity; Marriages; and Divorces	State	2
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	State	3
Table 2A Reported Cases of Certain Communicable Diseases	State	4
Table 2B Case Rates of Certain Reported Communicable Diseases	State	5
Table 3 Deaths Due to Certain Communicable Diseases, and Rates	State	6
Table 4 Deaths Due to Specified Causes, and Rates	State	7

1960

Table 5 Reported Cases of Certain Communicable Diseases by Place of Residence	Local	8
Table 6A Accidental Deaths by Cause, Sex, and Age	State	13
Table 6B Non-Transport Accidental Deaths by Place of Accident and Cause	State	14
Table 6C Accidental Deaths by Place of Accident and Leading Causes of Death	State	15
Table 6D Non-Transport Accidental Deaths by Place of Accident, Age, and Cause	State	16
Table 6E Accidental Deaths by Cause and County of Residence	County	17
Table 7A Deaths by Intermediate List of Causes (and Rates), Sex, Color, and Age (Including Age Groups Under 1 Year)	State	18
Table 7B Deaths by Detailed List of Causes (and Rates), Sex, Color, and Age (Including Age Groups Under 1 Year)	State	21
Table 8 Deaths by Cause and Residence	Local	40
Table 9 Live Births, Deaths, Fetal Deaths, Marriages, Divorces, and Rates by County: Population	County	70
Table 10 Live Births by Legitimacy and Immaturity, Fetal Deaths, Deaths Under 1 Year by Age Groups, Maternal Deaths, and Rates by County of Residence	County	71
Table 11 Live Births, Deaths, and Rates by Occurrence and Residence: Live Births by Legitimacy and Immaturity, Fetal Deaths, Deaths Under 1 Year by Age Groups, Maternal Deaths, and Rates (or Ratios) by Residence for Cities of 10,000 Population or More: Population	Local	72
Table 12 Live Births, Deaths, and Rates by Occurrence and Residence: Live Births by Sex, Color, Plurality, Place of Delivery, Attendant at Birth, Legitimacy, and Immaturity by Residence: Fetal Deaths by Residence: Deaths by Color, Age Groups Under 1 Year, and Maternal Deaths by Residence: Population	Local	73
Table 13 Marriages by Order of Marriage and Age of Bride and Groom	State	79
Table 14 Marriages by Residence Status of Bride and Groom	State	79
Table 15 Marriages by Age of Bride and Groom	State	80
Table 16 Marriages by Race of Bride and Groom	State	80
Table 17 Divorces and Annulments by Legal Grounds for Decree	State	81
Table 18 Divorces and Annulments by Duration of Marriage	State	81
Table 19 Divorces by Cases Contested, Libellant, Number of Children: Annulments: by County of Decree	County	82
Table 20 Components of Population Change by Decade	State	83
Table 21 Population by Age by Decade	State	83

SYMBOLS USED IN THIS REPORT

Quantity is zero, in frequency tables (one dash)	-
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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 1960 and previous years. The first four tables in this report include reference information pertaining to the years 1900-1960; the remaining tables contain detailed statistics for 1960.

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 for the census years are those issued by the U. S. Census Bureau as of April 1 of the particular year. For the intercensal years the Census Bureau estimates for the total population of the state are used; estimates for the political subdivisions are those of this office. 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 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:

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

6) Marriage and Divorce Data:

Marriage and divorce data are compiled only on the basis of occurrence in Michigan without regard to the place of residence of either of the persons involved. County data for marriages are by county of license and for divorces by county of decree.

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. Reports for the successive years have conformed with these revisions.

CHARTS

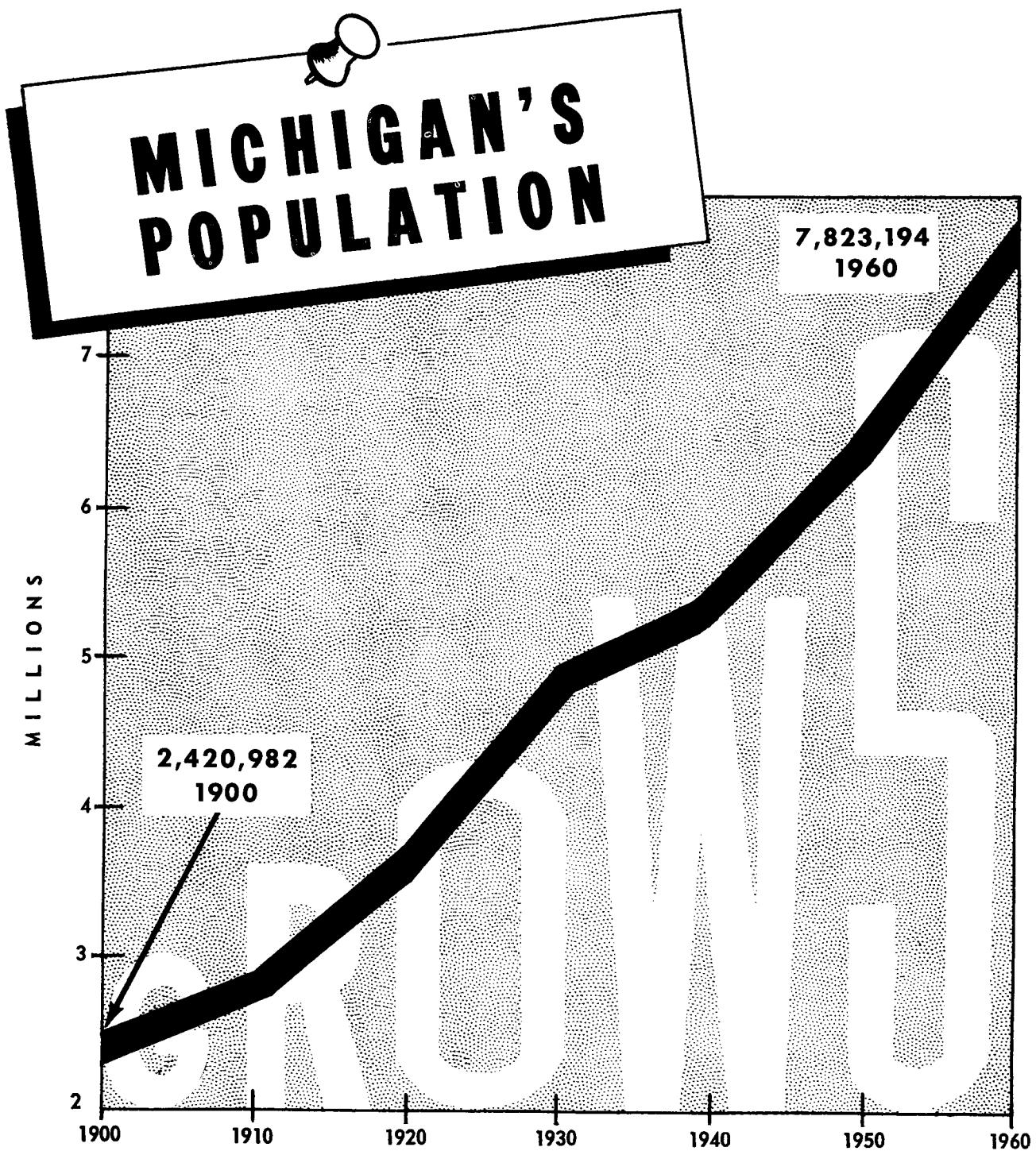
**MICHIGAN HEALTH STATISTICS
1960**

**STATISTICAL METHODS SECTION
MICHIGAN DEPARTMENT OF HEALTH**

MICHIGAN'S HEALTH PICTURE 1950-1960

POPULATION	increased from 6,371,766 to 7,823,194 23% increase
LIVE BIRTHS	'50-'57 7 years uninterrupted increase '57 208,488 all time high '60 195,056 3rd consecutive year of decline
BIRTHS IN HOSPITALS	97.0% in 1950; now 99.4%
ILLEGITIMACY RATE	increased by 34% from 27.6 to 36.9
DEATH RATE	1950 - 9.0; 1960 - 8.7 continuing slight decrease
INFANT DEATH RATE	declined from 26.3 to 24.1 8% decrease
MATERNAL DEATH RATE	substantial decrease of 33% from 5.7 to 3.8
PERINATAL DEATH RATE	declined from 35.4 to 31.5
TUBERCULOSIS DEATH RATE	remarkable decrease of 75% from 19.9 to 5.0
MARRIAGE RATE	minor annual fluctuations now 15.6, slightly higher than 1959
DIVORCE RATE	minor annual fluctuations now 4.3

(Death rate per 1,000 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.)



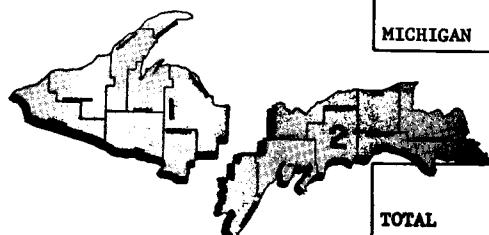
1960 POPULATION TRIPLES THAT OF 1900

Source: Bureau of Census decennial census counts.

POPULATION TRENDS BY ECONOMIC AREAS

NUMERICAL DISTRIBUTION

MICHIGAN, 1900 - 1960



MICHIGAN	1900	1910	1920	1930	1940	1950	1960
	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	6,371,766	7,823,194

UPPER PENINSULA

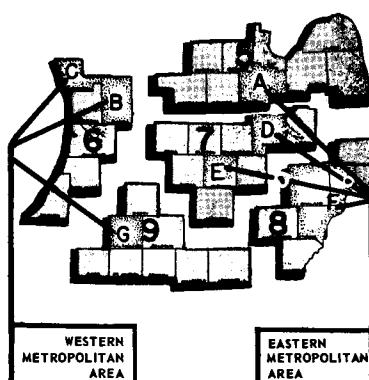
TOTAL	1900	1910	1920	1930	1940	1950	1960
	261,362	325,628	332,556	318,676	323,544	302,258	305,952
Area 1	164,654	215,791	218,916	204,608	200,265	178,251	177,431
Area 2	96,708	109,837	113,640	114,068	123,279	124,007	128,521

LOWER PENINSULA

UPPER PART							
TOTAL	1900	1910	1920	1930	1940	1950	1960
	351,673	385,609	332,837	297,318	334,343	358,788	390,260
Area 3	104,105	111,929	91,857	84,774	92,266	100,654	108,163
Area 4	247,568	273,680	240,980	212,544	242,077	258,134	282,097

LOWER PART

TOTAL	1900	1910	1920	1930	1940	1950	1960
	1,807,947	2,098,936	3,003,019	4,226,331	4,598,219	5,710,720	7,126,982
Area 5,A	348,573	359,052	371,379	380,007	417,703	473,288	567,024
Area 6,B,C	327,668	371,649	423,971	532,676	566,566	685,967	867,838
Area 7,D,E	302,148	335,484	444,563	598,666	642,359	769,691	981,993
Area 8,F	562,572	743,745	1,450,442	2,362,921	2,592,981	3,318,068	4,143,121
Area 9,G	266,986	289,006	312,664	352,061	378,610	463,706	567,006
*	*	*	*	*	*	*	*
Metropolitan Areas	800,733	1,081,077	1,929,934	3,042,797	3,307,281	4,150,160	5,221,563
A	81,222	89,290	100,286	120,717	130,468	153,515	190,752
B	129,714	159,145	183,041	240,511	246,338	288,292	363,187
C	37,036	40,577	62,362	84,630	94,501	121,545	149,943
D	41,804	64,555	125,668	211,641	227,944	270,963	374,313
E	39,818	53,310	81,554	116,587	130,616	172,941	211,296
F	426,829	613,773	1,305,798	2,177,343	2,377,329	3,016,197	3,762,360
G	44,310	60,427	71,225	91,368	100,085	126,707	169,712
Western (B,C,G)	211,060	260,149	316,628	416,509	440,924	536,544	682,842
Eastern (A,D,E,F)	589,673	820,928	1,613,306	2,626,288	2,866,357	3,613,616	4,538,721
Non-Metropolitan Areas	1,007,214	1,017,859	1,073,085	1,183,534	1,290,938	1,560,560	1,905,419



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 1960 was approximately 4 times as large as in 1900. The metropolitan areas have been responsible for a considerable portion of this gain, increasing more than sixfold from 800,733 in 1900 to 5,221,563 in 1960. Area F (Wayne, Oakland, and Macomb Counties) contributed most of the metropolitan area gain.

The population in the Upper Peninsula has fluctuated during the period 1900-1960, likewise the population of Area 1 has fluctuated while that of Area 2 has consistently gained.

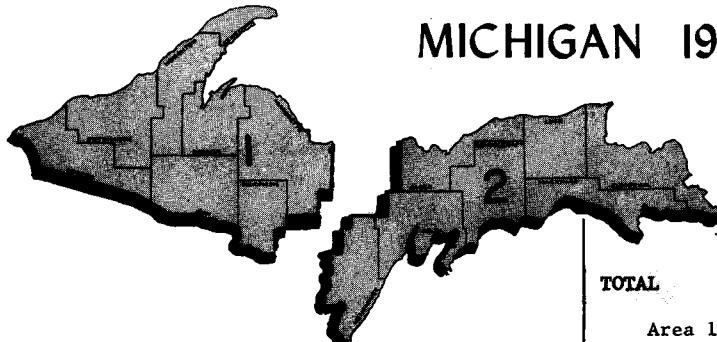
The population in the upper part of the Lower Peninsula fluctuated between 1900 and 1930, but has been increasing since that time. Both Areas 3 and 4 have contributed to this increase.

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

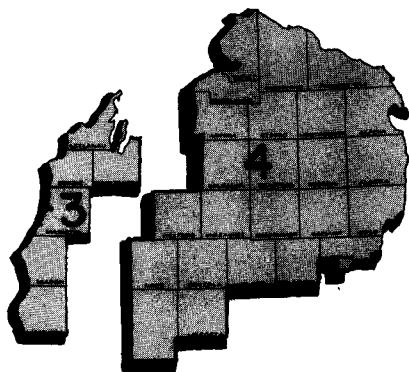
PERCENTAGE DISTRIBUTION

MICHIGAN 1900 – 1960



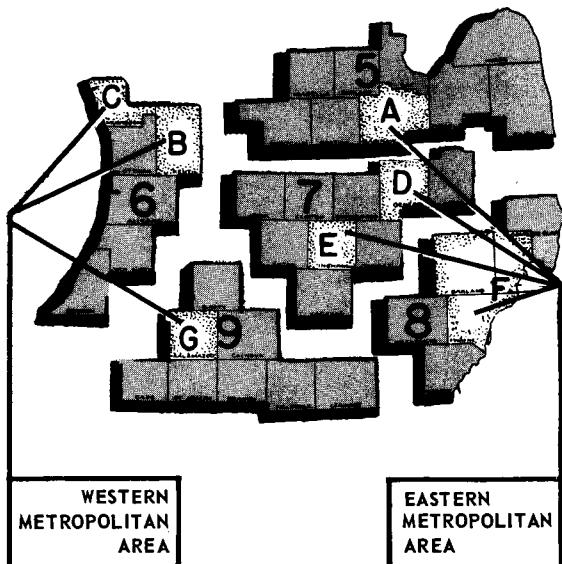
UPPER PENINSULA

	1900	1910	1920	1930	1940	1950	1960
TOTAL	10.8	11.6	9.1	6.6	6.1	4.7	3.9
Area 1	6.8	7.7	6.0	4.2	3.8	2.8	2.3
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	1960
TOTAL	14.5	13.7	9.1	6.2	6.4	5.7	5.0
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	3.6



LOWER PART

	1900	1910	1920	1930	1940	1950	1960
TOTAL	74.7	74.7	81.8	87.2	87.5	89.6	91.1
Area 5,A	14.4	12.8	10.1	7.8	7.9	7.4	7.2
Area 6,B,C	13.5	13.2	11.6	11.0	10.8	10.8	11.1
Area 7,D,E	12.5	11.9	12.1	12.4	12.2	12.1	12.6
Area 8,F	23.2	26.5	39.5	48.7	49.4	52.0	53.0
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	66.7
A	3.4	3.2	2.7	2.5	2.5	2.4	2.4
B	5.4	5.7	5.0	5.0	4.7	4.5	4.6
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	4.8
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	48.1
G	1.8	2.2	1.9	1.9	1.9	2.0	2.2
Western (B,C,G)	8.7	9.3	8.6	8.6	8.4	8.4	8.7
Eastern (A,D,E,F)	24.3	29.2	43.9	54.3	54.5	56.7	58.0
Non-Metropolitan Areas	41.7	36.2	29.3	24.3	24.6	24.5	24.4

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. Of the remaining 9%, 4% is in the Upper Peninsula and 5% is in 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.

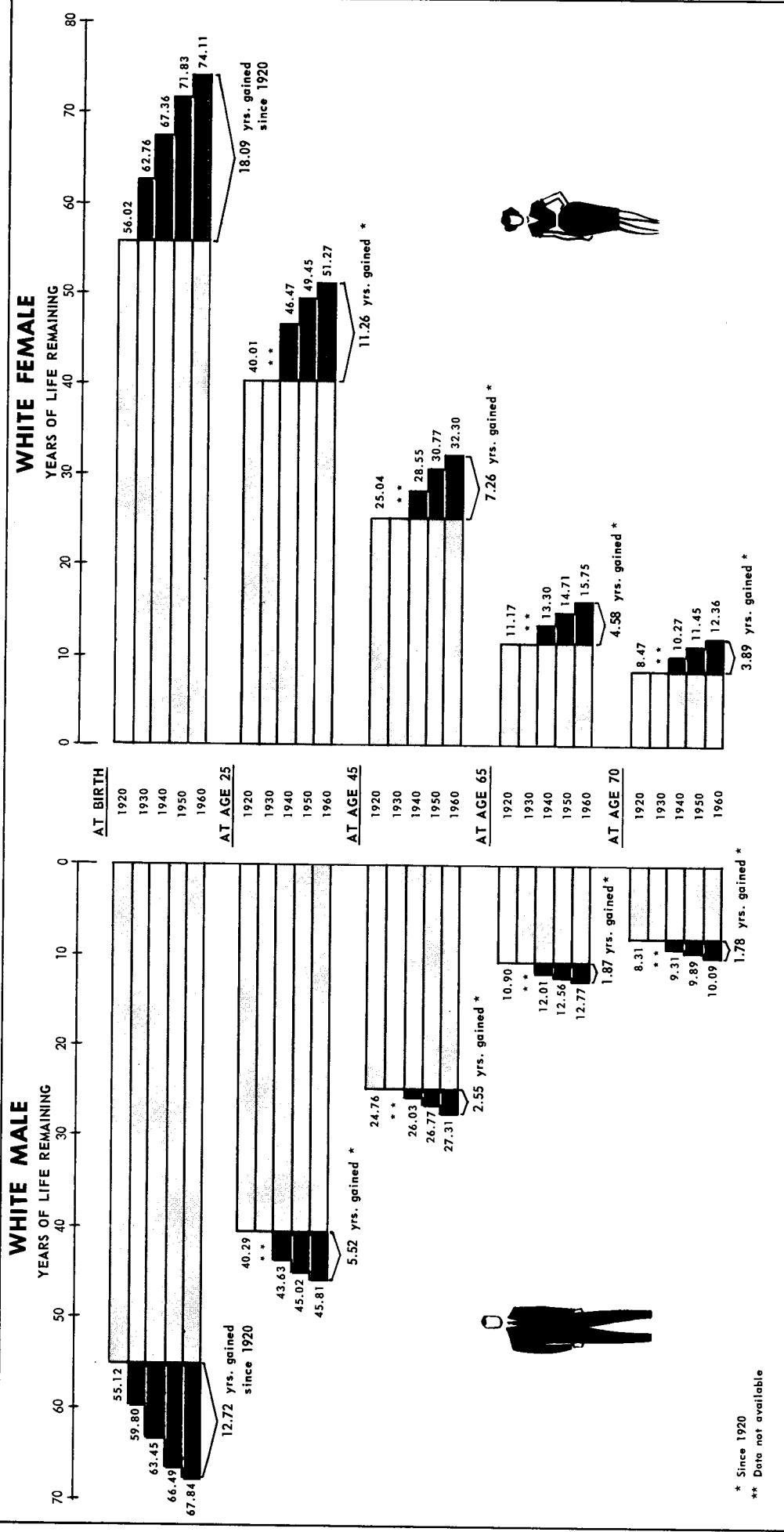
It is to be remembered that the trend of an area may be decreasing percentage wise yet increasing number wise. This relationship is illustrated in a comparison of Charts III and IV.

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.

LIFE EXPECTANCY LENGTHENS

MICHIGAN, 1920 - 1960

AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT SPECIFIED AGES



During the past 40 years the life span has lengthened remarkably for both males and females.

Life expectancy at birth has made the greatest progress with the gain for girls approximately 40% more than for boys. Girls born in 1960 can expect to live to age 74 or 18 years longer than those born in 1920. Similarly boys born in 1960 can expect to live to 68 years, 13 years longer than boys born in 1920.

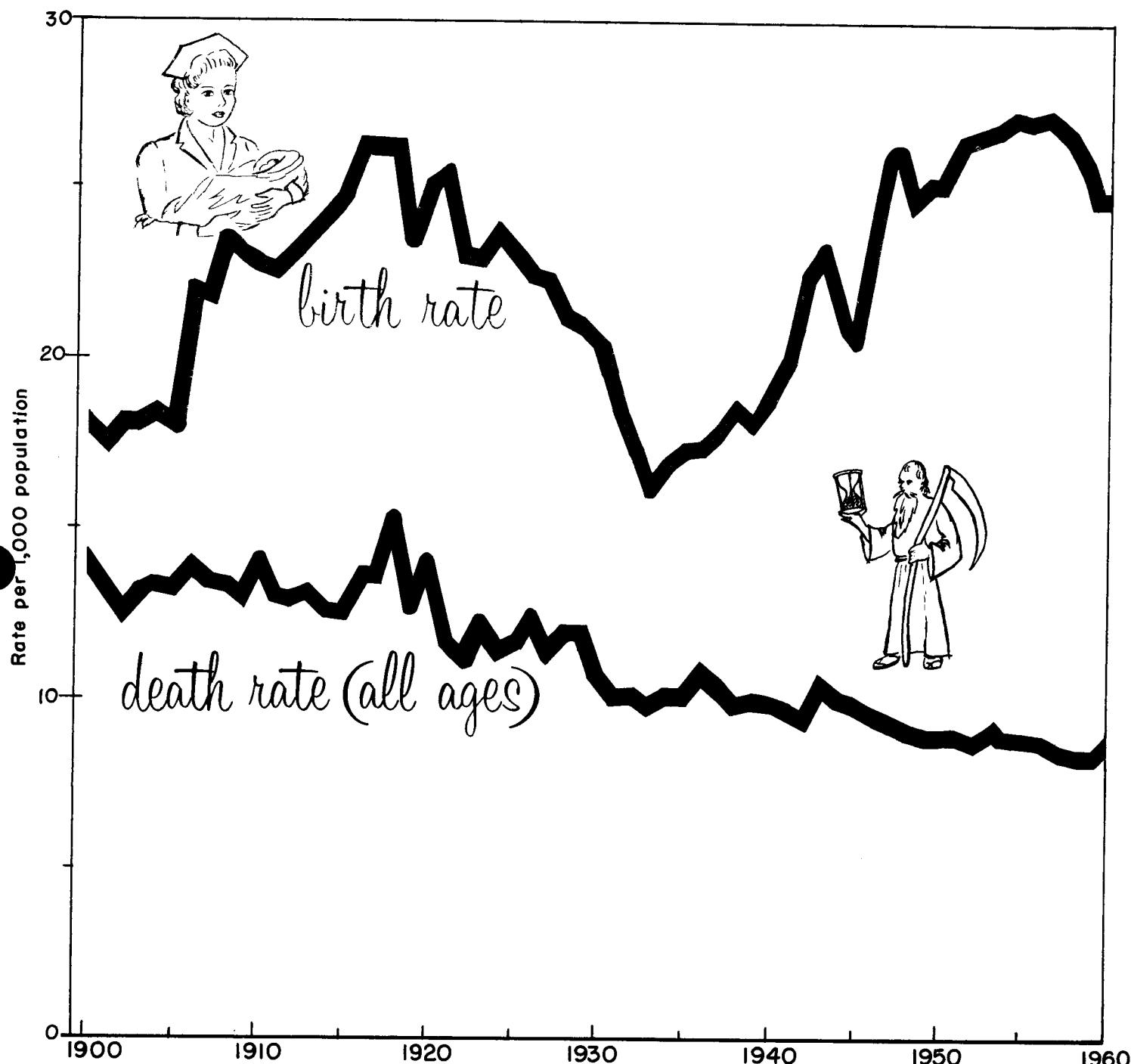
During this same period considerable gains at ages 25, 45, 65, & 70 have also been made although progressively less with each successive age level. However, in each instance the years gained by women were more than double those gained by men.

A noteworthy aspect of the lengthening life expectancy is the gains made at the septuagenarian level.

Note: White male and female data charted as data for these groups more complete than that for total population.
Source: U.S. Bureau of Census Life Tables for 1920-1950; Department of Sociology, University of Michigan for 1960.

BIRTH AND DEATH RATES

MICHIGAN 1900 to date

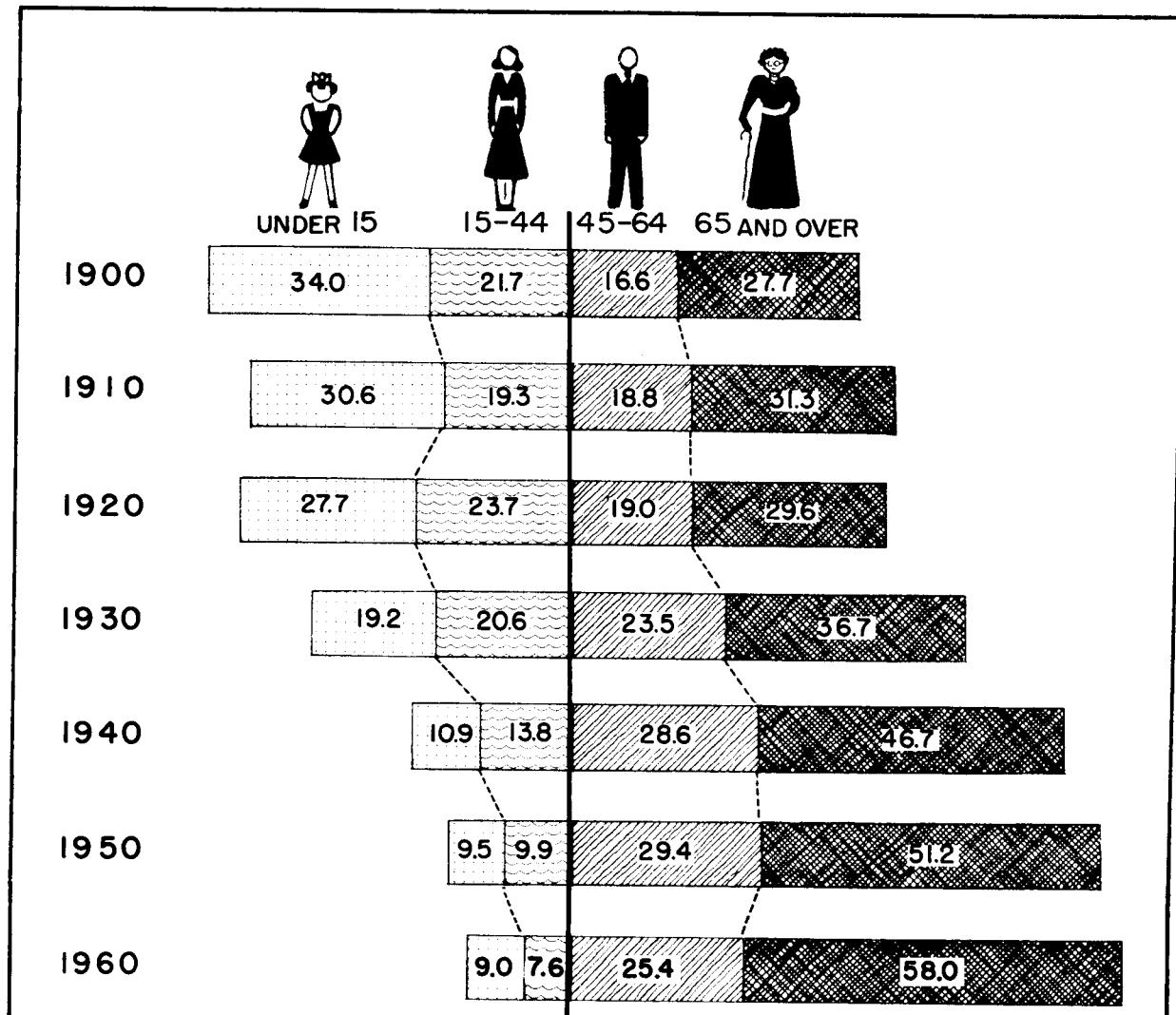


From the beginning of the century the birth rate trend was upward, reaching a high of 26.2 in 1916 and 1917. The rate then declined to an all time low of 16.2 during the depression year of 1933. With the exception of the 2 years at the close of the war 1944 and 1945, the trend continued upward again reaching an all time high of 27.4 in 1956. The trend then reversed with the rate declining to 24.9 in 1959 and remained the same in 1960.

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. The 1960 death rate of 8.7 represents a drop of 35% 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%
1960	17%	83%

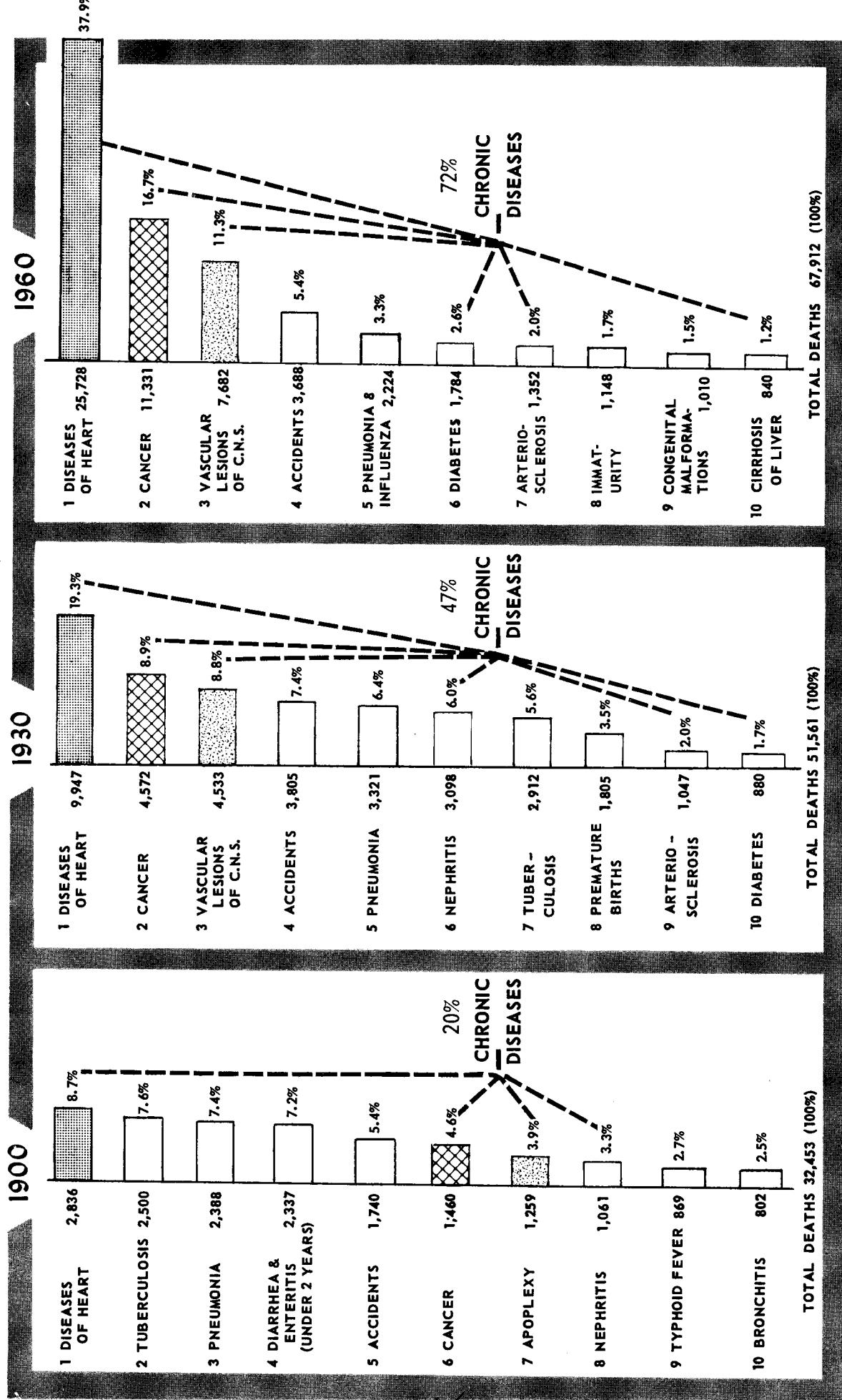
The trend has been a gradual decrease in each of the age groups under 45 years and a gradual increase in the combined age groups 45 years and older. In 1900 approximately 1/3 of all deaths occurred under 15 years of age; the proportion has decreased to less than 1/10 at the present time. In contrast only slightly over 1/4 of all deaths occurred in the 65 & over age group in 1900; the proportion in 1960 has more than doubled.

Progress during the last 30 years is indicated by the fact that in 1960 the 65 & over age group alone accounted for almost the same proportion of deaths as the combined age groups 45-64 and 65 & over in 1930. The proportions were 58% and 60% respectively.

The above 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

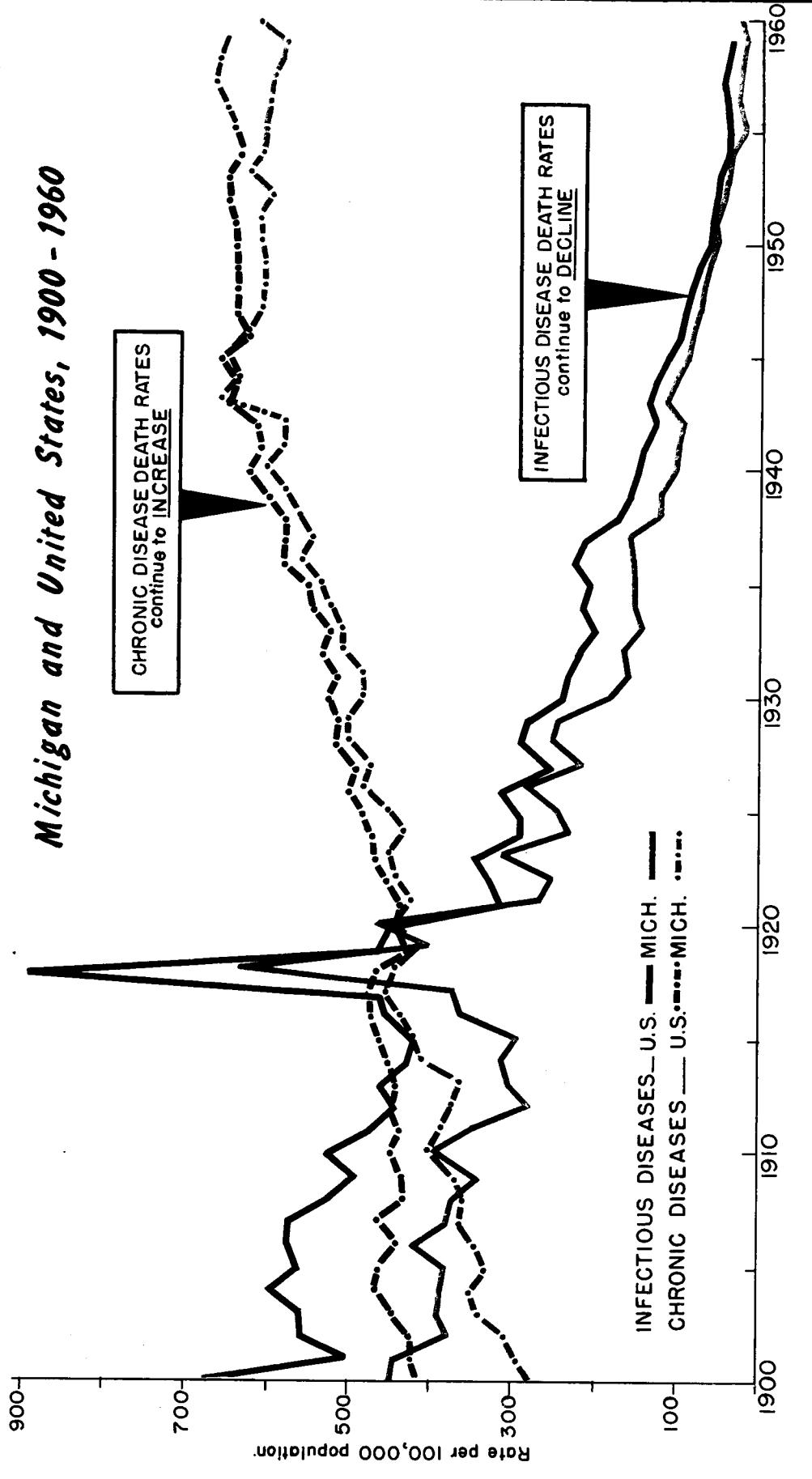
MICHIGAN—1900, 1930, 1960



CHRONIC & INFECTIOUS DISEASES*

Michigan and United States, 1900 - 1960

DEATH RATES DUE TO CERTAIN CHRONIC & INFECTIOUS DISEASES



* Includes following diseases indicated by International Classification Seventh Revision Detailed List Numbers in parenthesis: Chronic Diseases—Cancer (140-205), Diabetes (260), Vascular lesions affecting central nervous system (330-334), Diseases of heart (400-443), Chronic and unspecified nephritis (502-594), Ulcer of stomach or duodenum (540-541), and Cirrhosis of liver (581). Infectious Diseases—Typhoid fever (40), Scarlet fever (40), Whooping cough (50), Measles (85), Pneumonia & Influenza (480-493), Dysentery (45-48), Malaria (110-117), Syphilis (20-29), Measles (85), Pneumonia & Influenza (480-493), Diarrhea, enteritis, and ulceration of intestines (543,571,572).

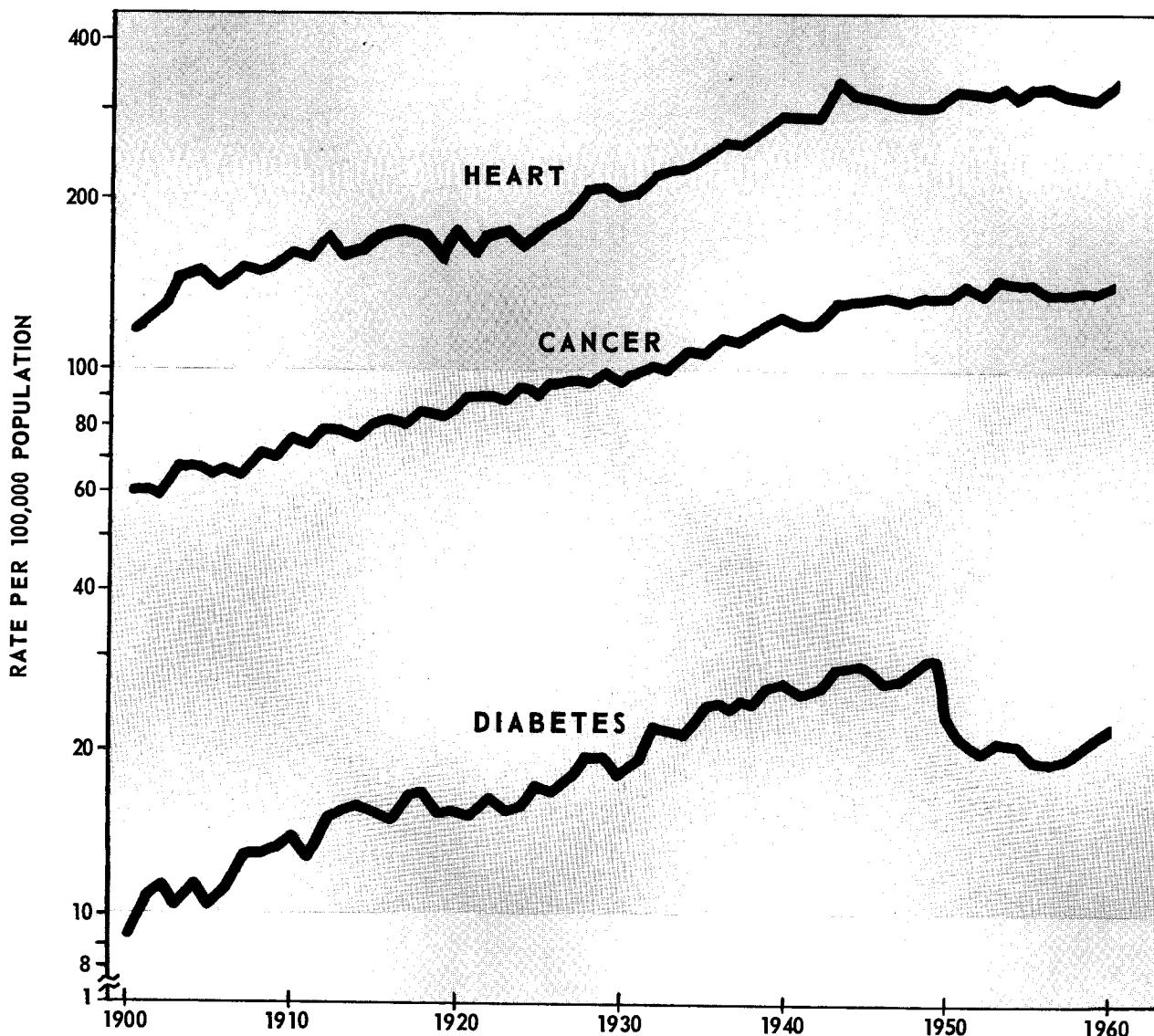
Source of United States data: Building America's Health, Vol. III, Table 36, and Vital Statistics of United States, Vol. II, III.

(U.S. data for 1960 not available.)

Statistical Methods Section
Michigan Department of Health

MORTALITY TRENDS - heart, cancer, diabetes

MICHIGAN, 1900-1960

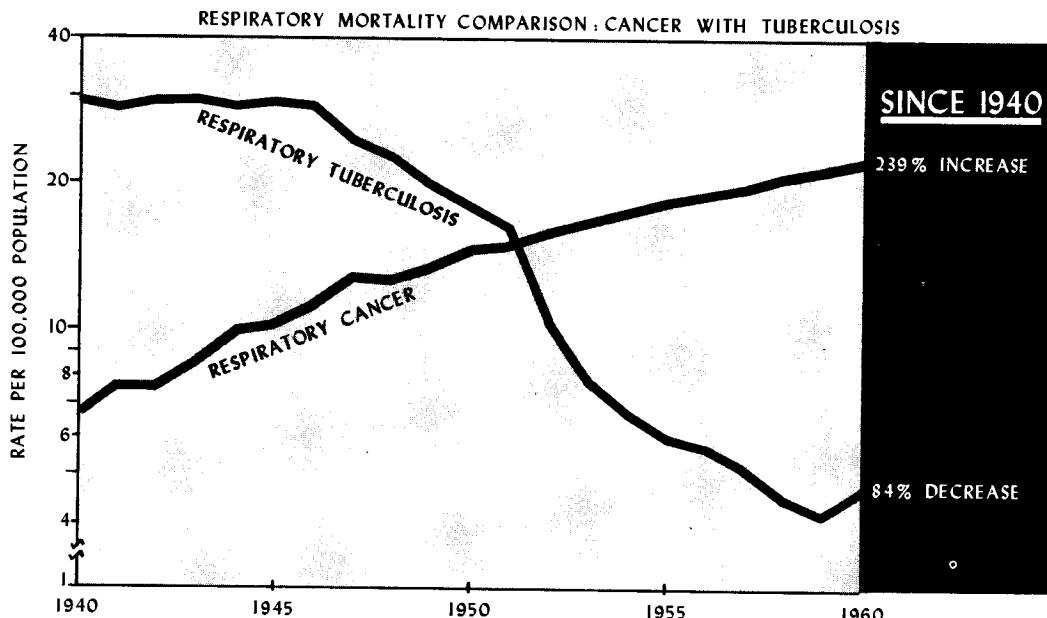


Heart disease, cancer, and diabetes are among the leading causes of death in Michigan accounting for 57% of all deaths. Between 1900-1949 the death rate trend of each of these has been progressively upward. However, during this period the death rates increased more rapidly for diabetes than for either heart disease or cancer; the increases were 219% for diabetes, 157% for heart disease, and 127% for cancer.

Beginning in 1950, the Sixth Revision Classification of Causes of Death was used which increased the number of deaths classified as due to heart disease by approximately 6% and decreased those due to cancer and diabetes by approximately 3% and 28% respectively.

Since 1950, although there were minor fluctuations in heart disease and cancer death rates, they both followed similar trend patterns. The diabetes death rate dropped noticeably in 1950 due largely to classification changes; since then there have been minor fluctuations followed by successively higher rates for the last four years.

CANCER MORTALITY TRENDS MICHIGAN SINCE 1940



1940: Respiratory Tuberculosis Death Rate was 4.4 times the Respiratory Cancer Death Rate.
 1960 Respiratory Cancer Death Rate was 4.8 times the Respiratory Tuberculosis Death Rate.

CANCER MORTALITY BY SITE

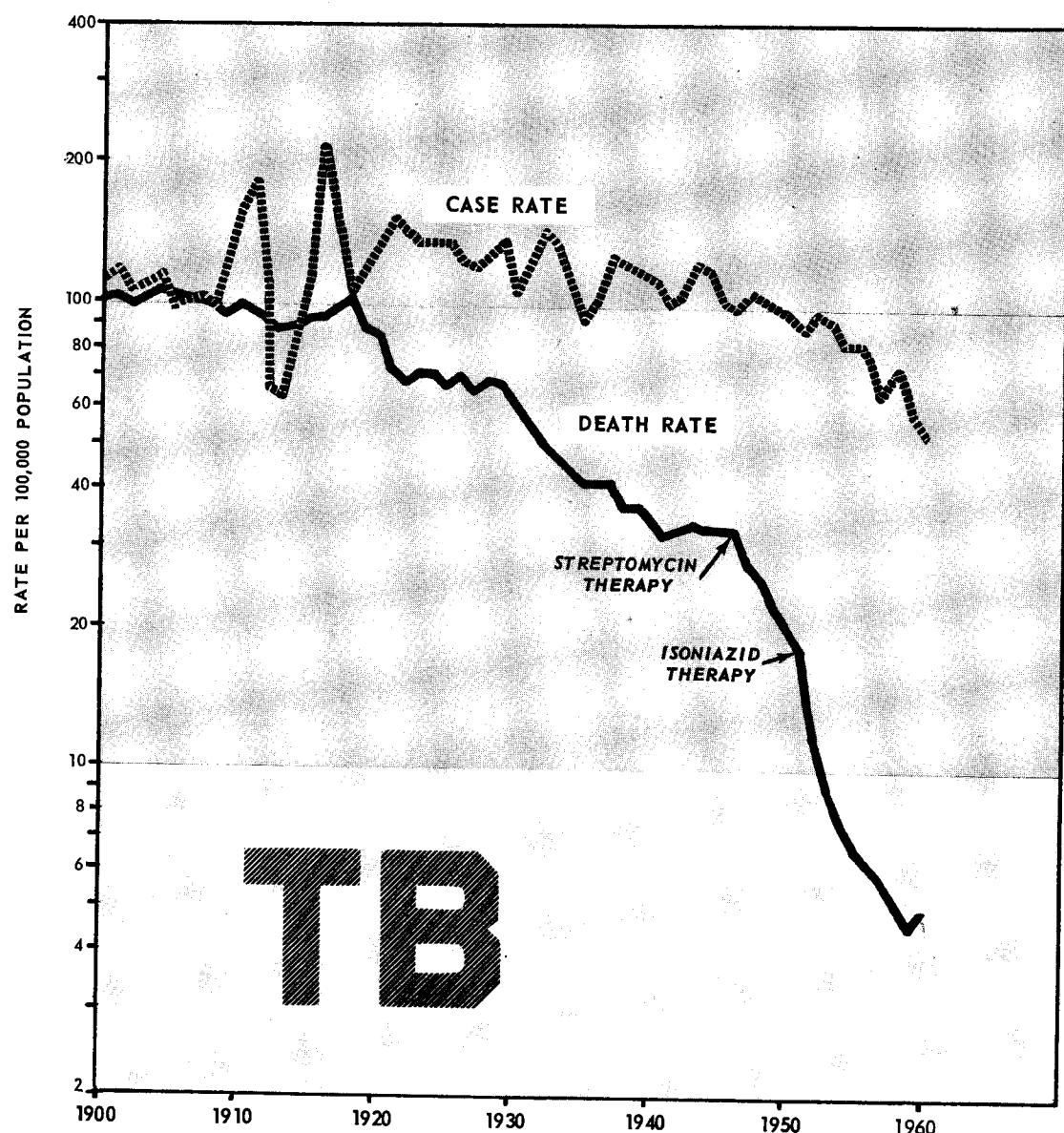
CAUSE	NUMBER					RATE PER 100,000 POPULATION				
	1940	1945	1950	1955	1960	1940	1945	1950	1955	1960
TOTAL	6,513	7,486	8,685	10,297	11,331	123.9	137.7	136.3	142.3	144.8
Buccal cavity & pharynx	191	206	219	222	261	3.6	3.8	3.4	3.1	3.3
Digestive organs & peritoneum	2,884	3,227	3,464	3,880	3,935	54.9	59.4	54.4	53.6	50.3
Esophagus	123	125	134	216	195	2.3	2.3	2.1	3.0	2.5
Stomach	1,133	1,119	1,076	1,030	970	21.6	20.6	16.9	14.2	12.4
Intestines (including duodenum & rectum)	980	1,204	1,394	1,701	1,672	18.6	22.2	21.9	23.5	21.4
Liver & biliary passages	384	453	468	411	471	7.3	8.3	7.3	5.7	6.0
Pancreas	202	244	329	463	570	3.8	4.5	5.2	6.4	7.3
Other	62	82	63	59	57	1.2	1.5	1.0	0.8	0.7
Respiratory system	347	549	923	1,318	1,756	6.6	10.1	14.5	18.2	22.4
Breast & genito-urinary organs	2,195	2,396	2,520	2,975	3,262	41.8	44.1	39.5	41.1	41.7
Breast	643	671	774	878	985	12.2	12.3	12.1	12.1	12.6
Uterus	660	704	594	677	620	12.6	13.0	9.3	9.4	7.9
Other female genital organs	156	217	278	347	383	3.0	4.0	4.4	4.8	4.9
Male genital organs	414	462	451	602	648	7.9	8.5	7.1	8.3	8.3
Urinary organs	322	342	423	471	626	6.1	6.3	6.6	6.5	8.0
Other & unspecified sites	896	1,108	1,559	1,902	2,117	17.0	20.4	24.5	26.3	27.1
Skin	84	115	106	140	134	1.6	2.1	1.7	1.9	1.7
Leukemia & aleukemia	215	255	321	444	516	4.1	4.7	5.0	6.1	6.6
Hodgkin's disease	62	80	98	126	145	1.2	1.5	1.5	1.7	1.9
Other	535	658	1,034	1,192	1,322	10.2	12.1	16.2	16.5	16.9

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 20 years. For every 100,000 people there were more than three times as many people dying of cancer of the respiratory system in 1960 as in 1940; the rates were 22.4 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 1960 as compared with 5% in 1940.

At the same time, death rates for cancer of the pancreas have nearly doubled while there have been noticeable decreases in the death rates due to cancer of the stomach and of the uterus.

TUBERCULOSIS CASE & DEATH RATES

MICHIGAN, 1900-1960

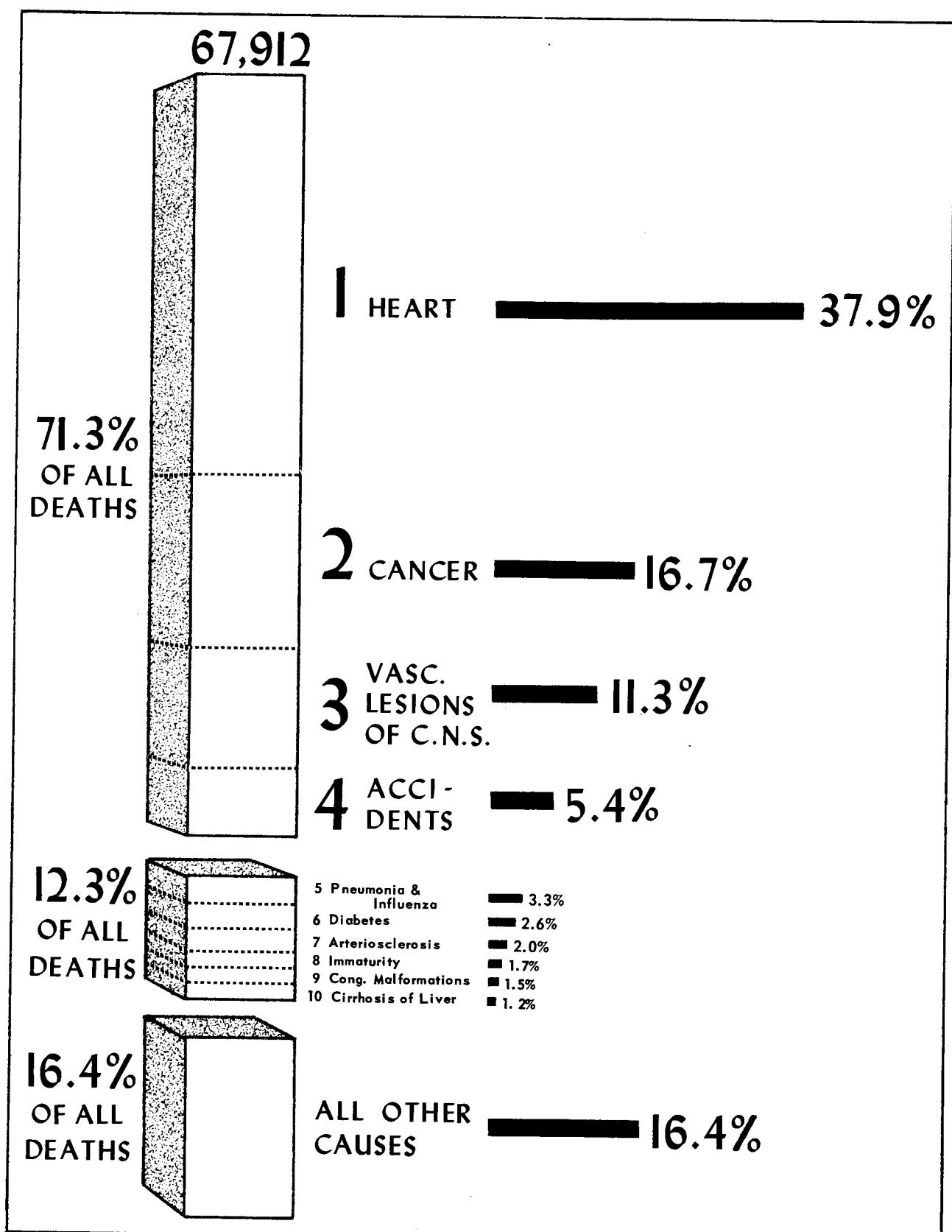


CASE RATE LINE: The major fluctuations in the earlier years probably represent the increased number of new cases found as a result of victims of pulmonary epidemics coming under medical care. Later fluctuations are undoubtedly due to variations in the intensity of case finding efforts and case reporting. 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, 1960



TEN LEADING CAUSES OF DEATH
DISTRIBUTION BY AGE GROUPS — MICHIGAN, 1960

CAUSE	TOTAL PERCENT	NUMBER			PERCENT					
		Under 15 Yrs	$\frac{15}{44}$	$\frac{45}{64}$	65 & Over*	Total	Under 15 Yrs	$\frac{15}{44}$	$\frac{45}{64}$	65 & Over*
All Causes	67,912 100	6,109	5,140	17,293	39,370	100	9.0	7.6	25.4	58.0
Diseases of heart	25,728 37.9	23	938	6,854	17,913	100	0.1	3.7	26.6	69.6
Cancer	11,331 16.7	219	884	4,196	6,032	100	1.9	7.8	37.0	53.3
Vascular lesions of c.n.s.	7,682 11.3	17	208	1,311	6,146	100	0.2	2.7	17.1	80.0
Accidents	3,688 5.4	634	1,249	775	1,030	100	17.2	33.9	21.0	27.9
Pneumonia and influenza**	2,224 3.3	500	143	394	1,187	100	22.5	6.4	17.7	53.4
Diabetes mellitus	1,784 2.6	8	89	488	1,199	100	0.4	5.0	27.4	67.2
Arteriosclerosis	1,352 2.0	-	3	72	1,277	100	0	0.2	5.3	94.5
Immaturity	1,148 1.7	1,148	-	-	-	100	100	0	0	0
Congenital malformations	1,010 1.5	895	69	29	17	100	88.6	6.8	2.9	1.7
Cirrhosis of liver	840 1.2	3	128	449	260	100	0.4	15.2	53.4	31.0
All other causes	11,125 16.4	2,662	1,429	2,725	4,309	100	23.9	12.9	24.5	38.7

* Includes 2 of unknown age.

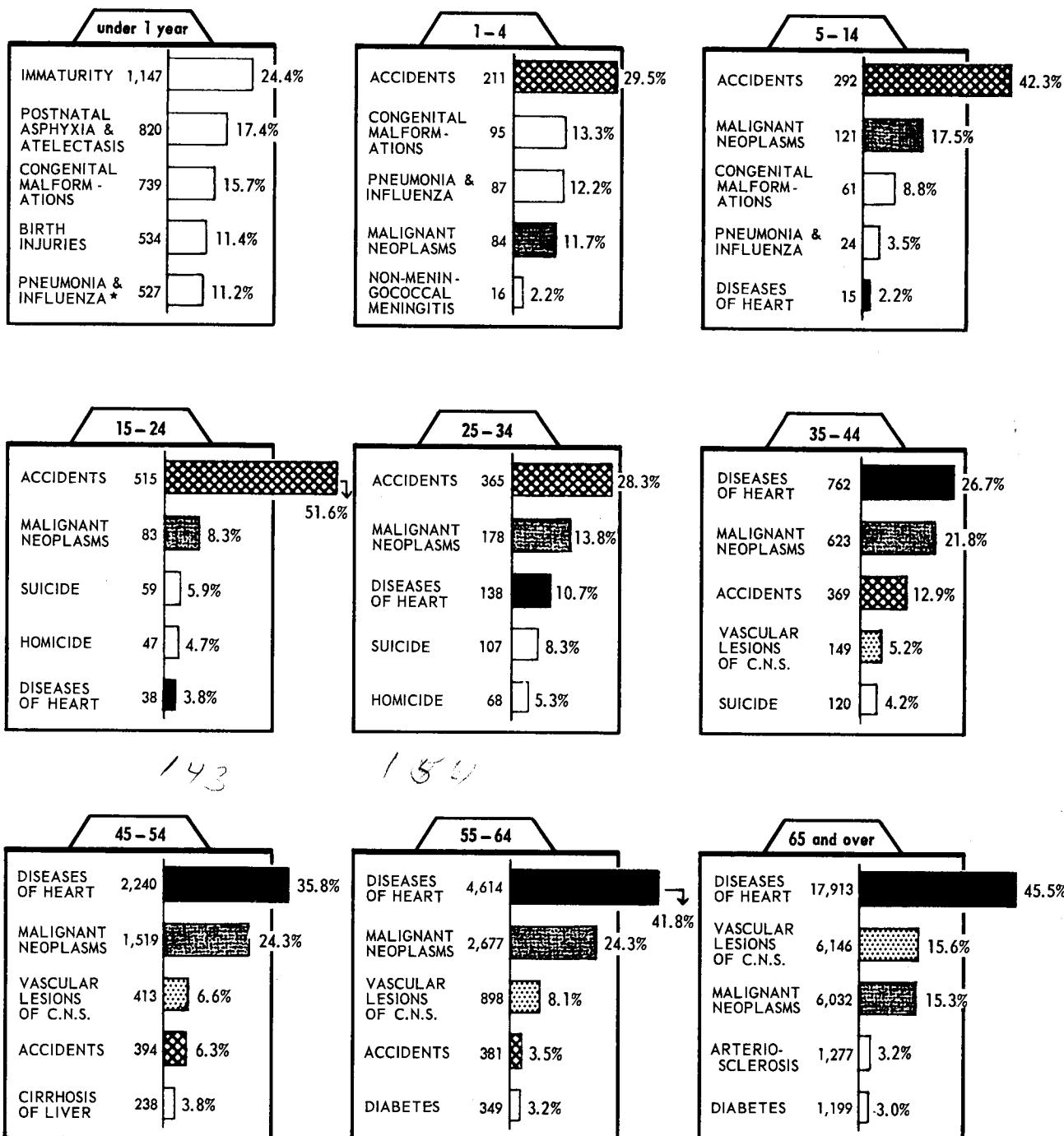
** Excluding pneumonia of newborn.

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, 51% were under 45 years of age. With the exception of deaths due to immaturity and congenital malformations, which occur largely in infancy, accidental deaths is the only one of the ten leading causes with approximately half (51%) of the deaths under 45 years of age. The fifth cause, pneumonia and influenza, follows in line in this respect with 29% 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, 1960



*Includes pneumonia of newborn.

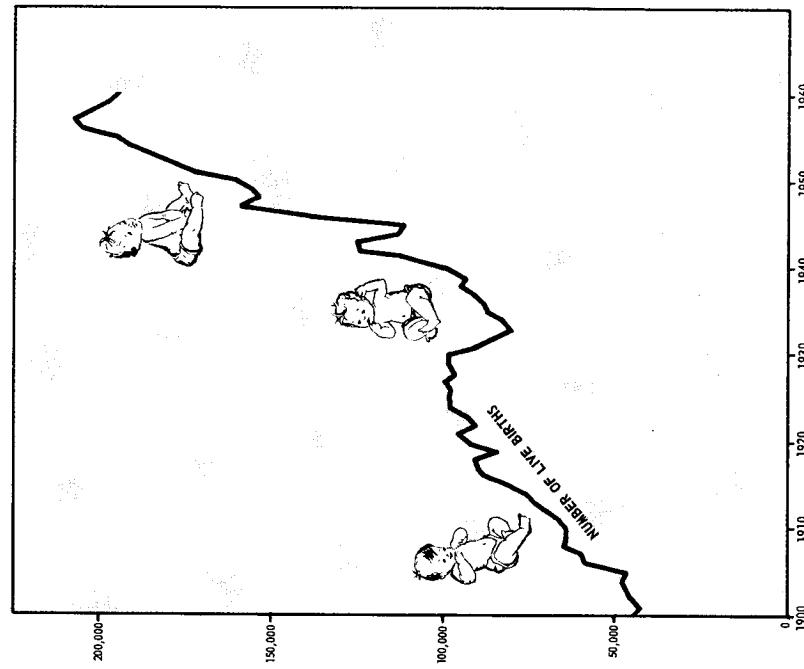
Diseases of the heart lead as a cause of death among all age groups 35 years and over and constitute an increasingly larger percentage of the total deaths in each successively older age group. In 1960 they also appear among the first 5 leading causes of death in each age group 5 years and over.

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.

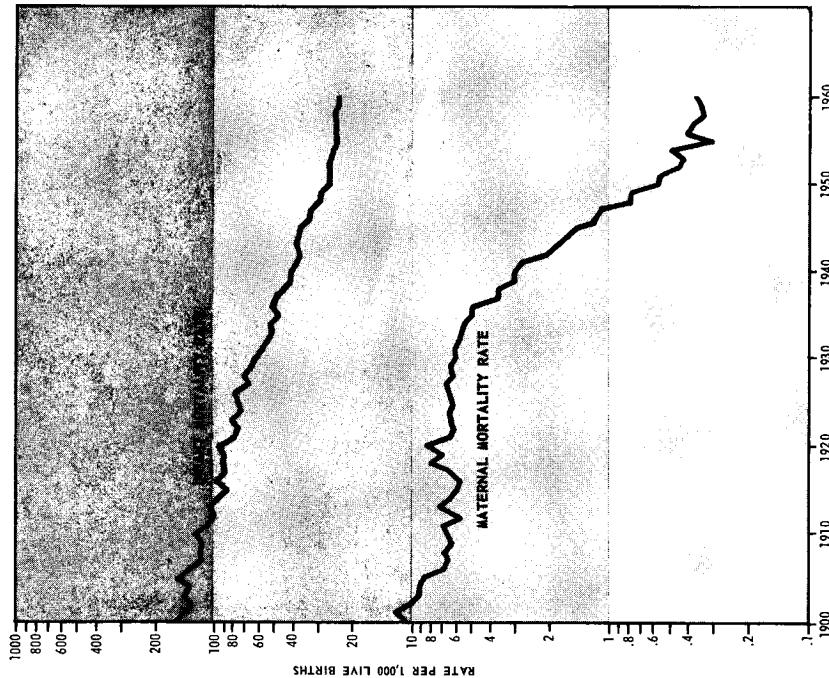
Malignant neoplasms first appear in the age group 1-4 years as the 4th ranking cause of death. It is the 2nd leading cause in the 5-14 years age group and maintains this position in all successive age groups until shifting to 3rd position in the 65 & over group.

LIVE BIRTHS, INFANT & MATERNAL MORTALITY RATES MICHIGAN, 1900 - 1960

NUMBER OF LIVE BIRTHS



INFANT & MATERNAL MORTALITY RATES

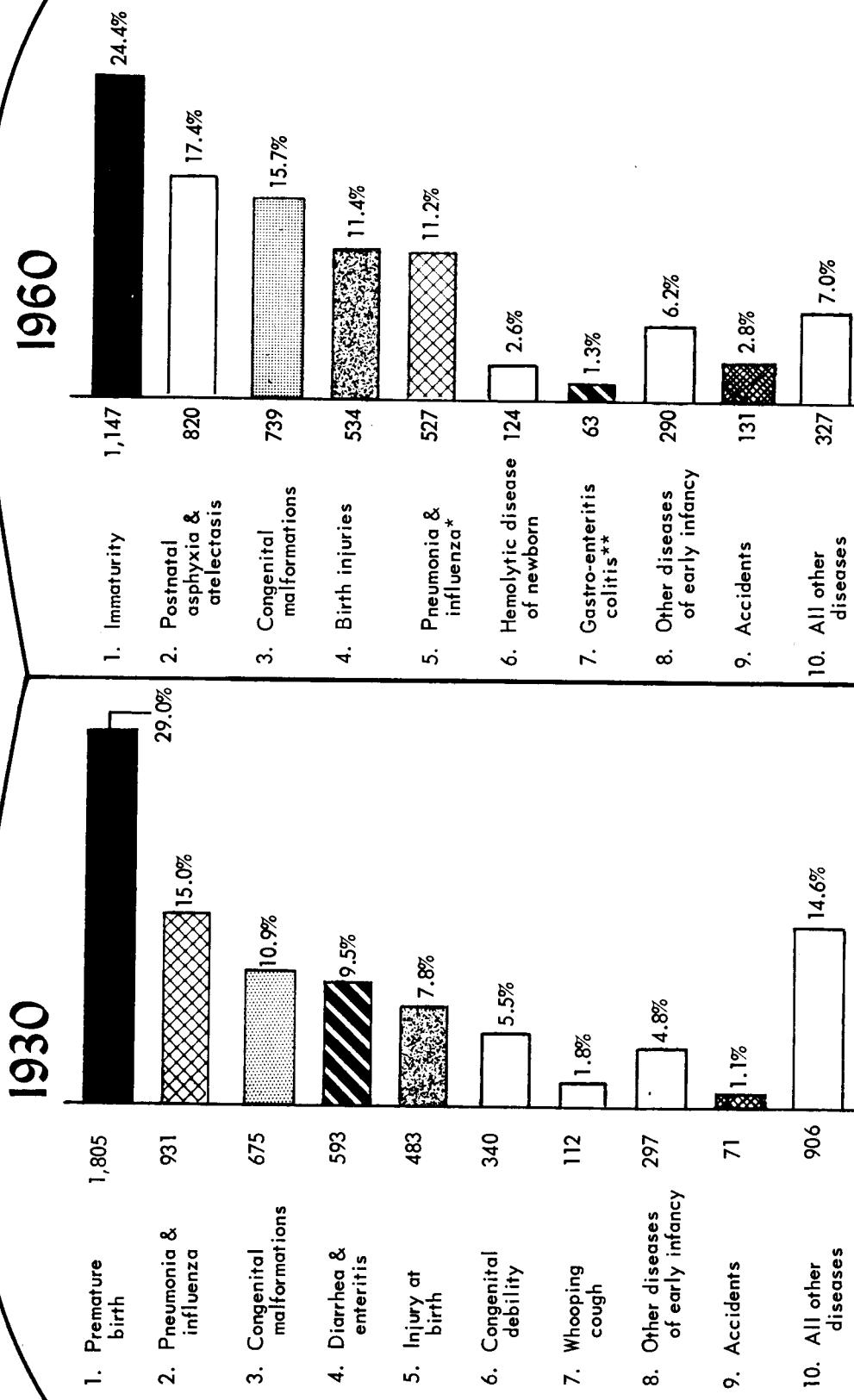


The number of live births has followed an increasingly upward trend since 1900 except for the depression years of the 1930's and the World War II years of the mid 1940's. An all time high of 208,488 was reached in 1957 after 9 consecutive years of increase. The year 1958 marked the beginning of a decline which has continued through 1960.

Along with the remarkable upward trend in the number of live births, the trends of both maternal and infant (under 1 year) death rates have declined. However, the two patterns of decline have not been the same. From 1900-1924 the mortality rates decreased more for infants than for mothers, 67% and 48% respectively. Since 1935 the pattern has reversed; the mortality rate decreased almost twice as fast for mothers as for infants, 92% and 50% respectively.

INFANT DEATHS : LEADING CAUSES

MICHIGAN, 1930 & 1960



Total Infant Deaths 6,213 (100%)

Total Infant Deaths 4,702 (100%)

*Infant deaths include deaths under 1 year of age.
Colored bars indicate causes of death common to both years.*

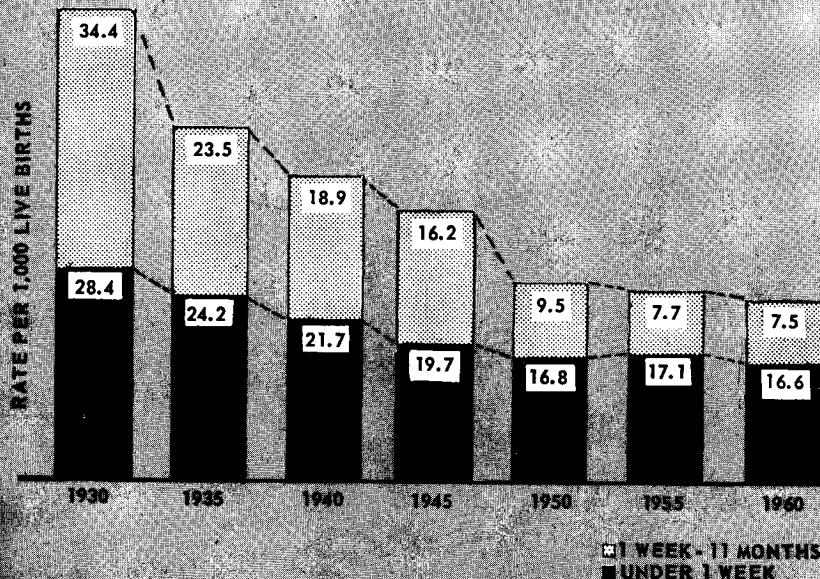
- * |n|cludes 38 pneumonia of newborn
- ** |n|cludes 6 diarrhea of newborn

^a Includes 6 diarrhea of newborn

INFANT MORTALITY TRENDS

Michigan, 1930 - 1960

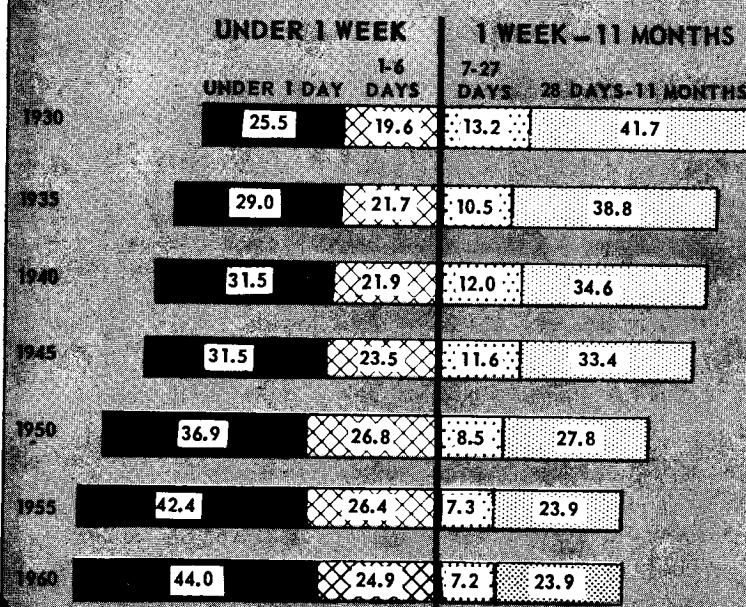
**COMPARISON OF DEATH RATES
UNDER 1 WEEK AND 1 WEEK - 11 MONTHS**



DURING PAST 30 YEARS

78% decline: 1 week - 11 months
42% decline: under 1 week

**AGE OF INFANT DEATHS - A SHIFTING PATTERN
PERCENTAGE DISTRIBUTION**



INFANT DEATHS

PROPORTIONATELY MORE & MORE
DURING FIRST WEEK OF LIFE

1 to 1 ratio in 1930

45%: under 1 week

55%: 1 week - 11 months

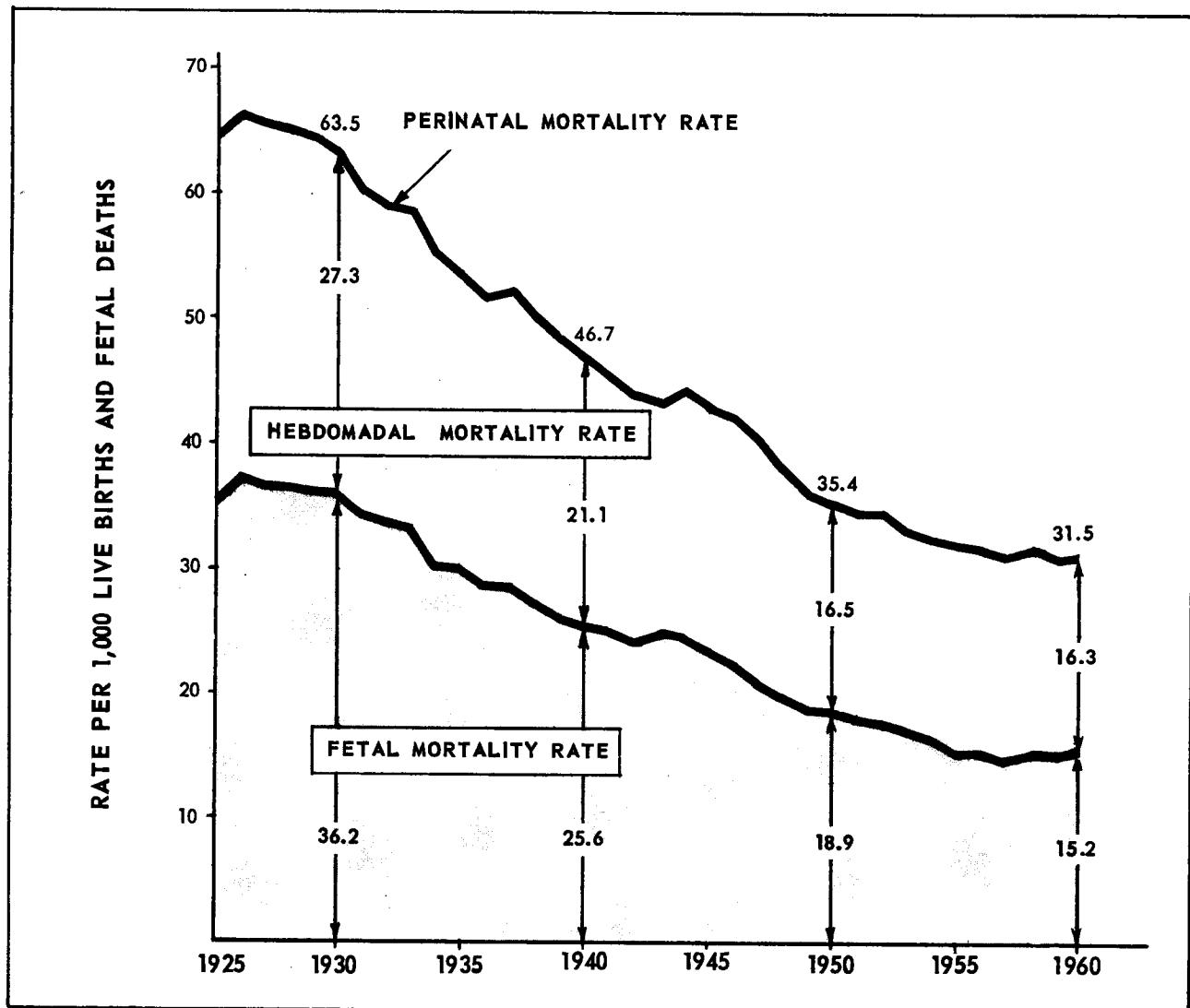
2 to 1 ratio in 1960

69%: under 1 week

31%: 1 week - 11 months

PERINATAL MORTALITY TRENDS

AND
RELATIONSHIP OF COMPONENT PARTS
MICHIGAN, 1925-1960



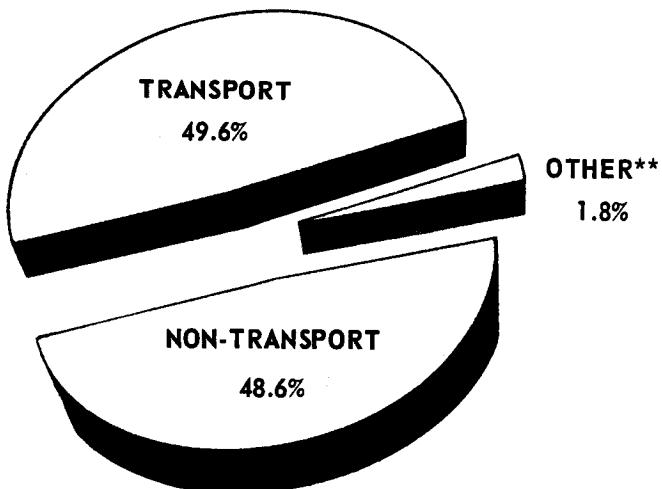
Since 1925:
 51% decrease in perinatal mortality rate
 44% decrease in hebdomadal mortality rate
 57% decrease in fetal mortality rate

During the past 30 years, the relationship of the component parts of the perinatal mortality has reversed. In 1930 the fetal and hebdomadal mortality rates were 36.2 and 27.3 respectively as compared with 15.2 and 16.3 in 1960.

NOTE: Perinatal deaths include all reported fetal deaths and infant deaths under 1 week of age.
 Hebdomadal deaths include all deaths under 1 week of age.

**3,688 ACCIDENTAL DEATHS; 4th LEADING CAUSE OF DEATH
MICHIGAN* 1960**

(PERCENTAGE DISTRIBUTION)

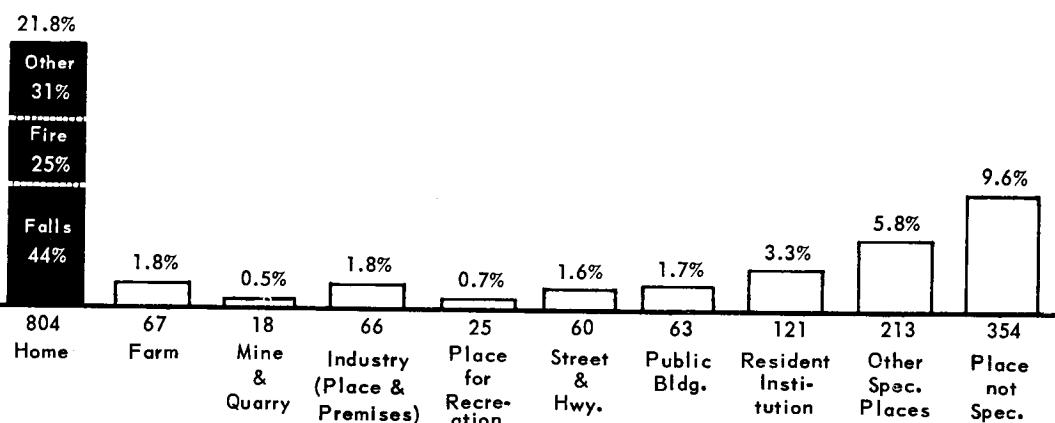


WHERE DID THEY OCCUR ?

TRANSPORT



NON-TRANSPORT



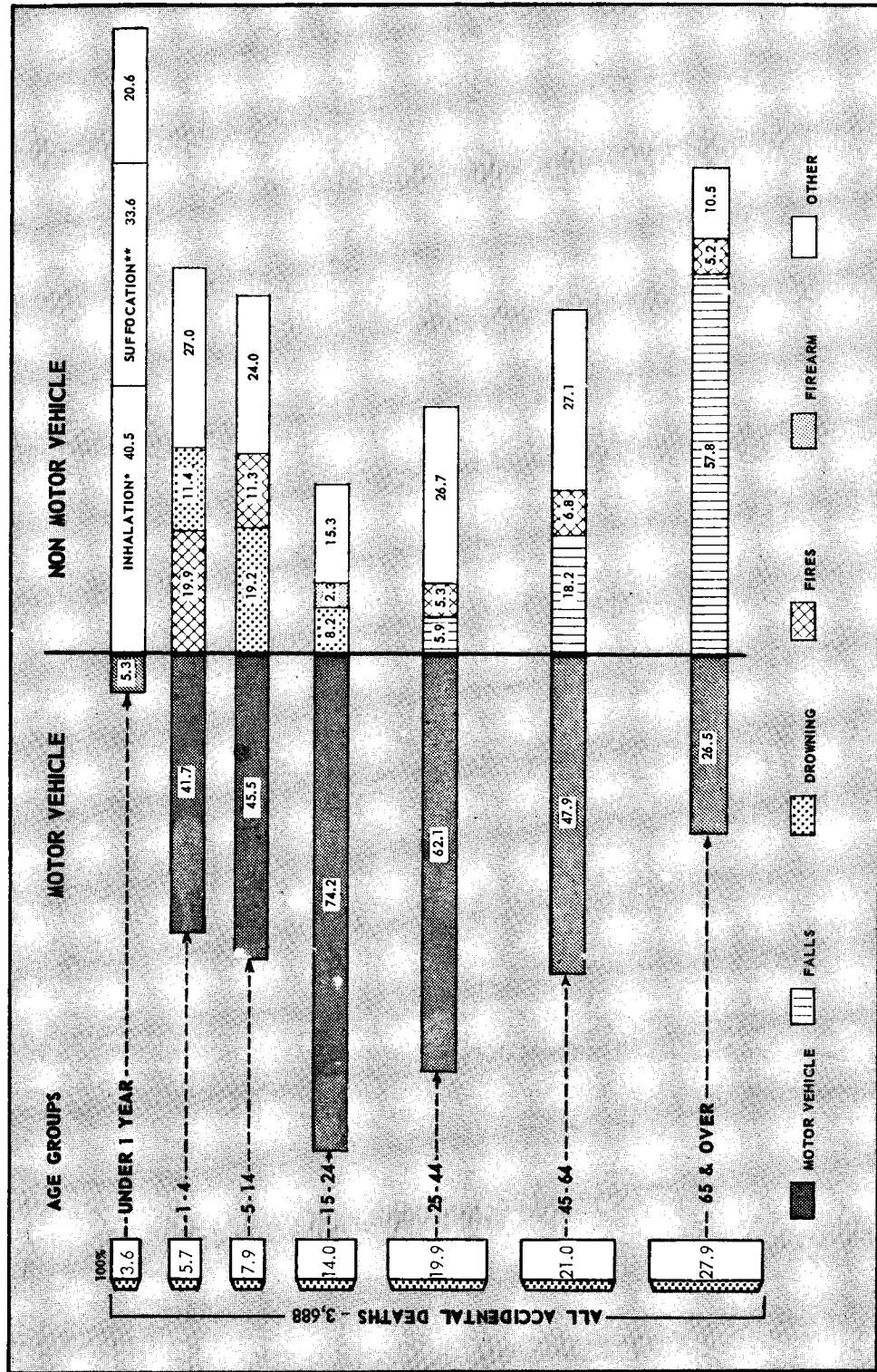
* By place of residence

** 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 1960

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 74% in the 15-24 year group; the proportion then decreases with each successively older age group.

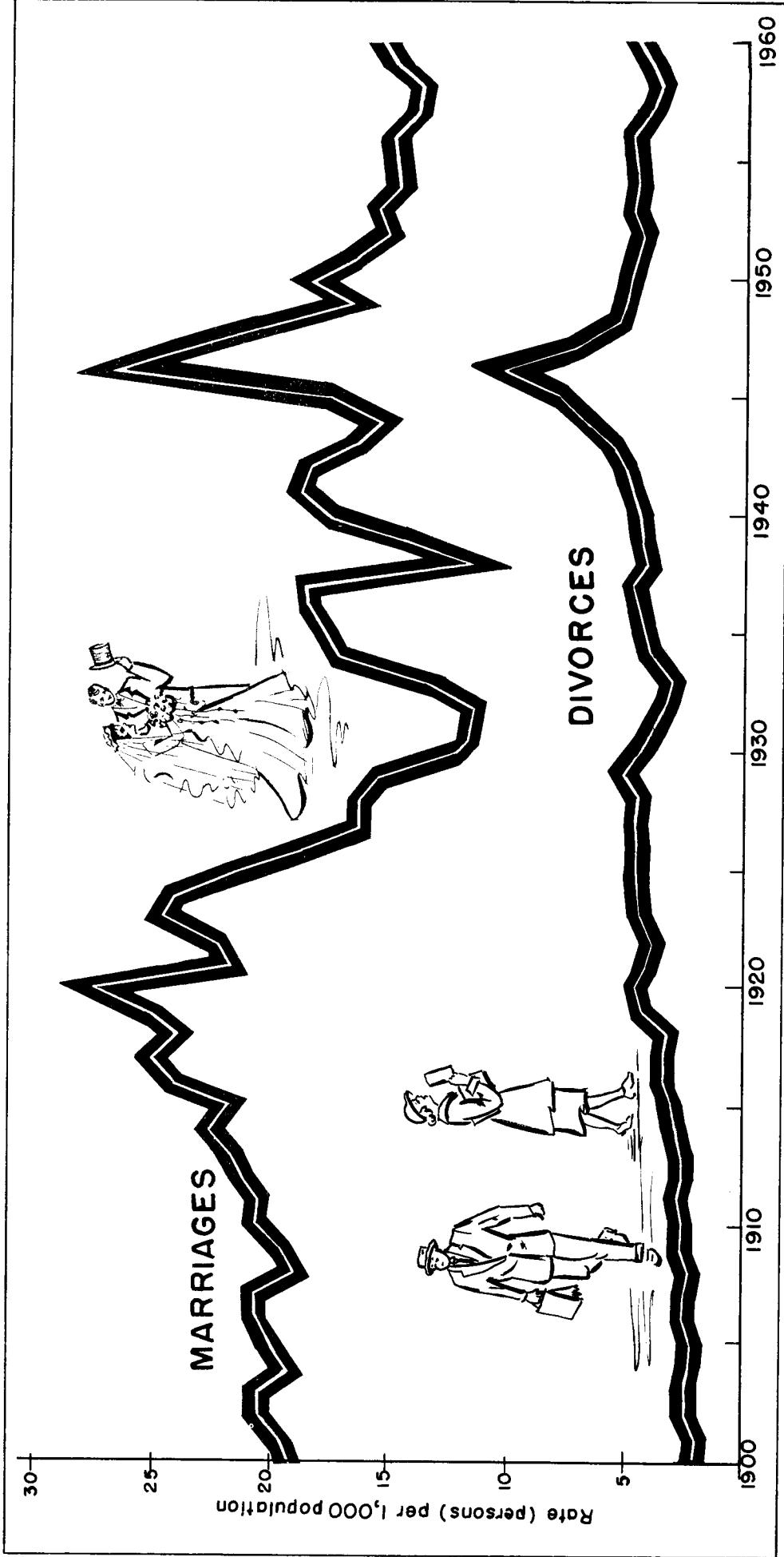
Motor vehicle accidental deaths are the leading cause of accidental death in all but the 2 extreme age groups—"Under 1 Year" and "65 & Over." In the "Under 1 Year" group, inhalation and suffocation are leading causes. In the "65 & Over" group, falls are the leading cause accounting for 58% of all accidental deaths in this age group.

* Inhalation or ingestion of food or other objects causing obstruction or suffocation.

** Mechanical suffocation.

MARRIAGES AND DIVORCES

MICHIGAN 1900 - 1960



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 there have been minor annual fluctuations in both marriage and divorce rates; each has increased slightly in 1959 and again in 1960.

Note: All rates refer to persons married or divorced.

TABLES

TABLE IA - POPULATION; LIVE BIRTHS - TOTAL AND ILLEGITIMATE; DEATHS - ALL AGES, INFANT, NEONATAL, PERINATAL,
FETAL, MATERNAL, AND DEATHS DUE TO IMMATURITY; MARRIAGES; AND DIVORCES
MICHIGAN, 1900 - 1960

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

N U M B E R

Year	Population	L I V E B I R T H S		D E A T H S							M a r r i a g e s	D i v o r c e s
		Total	Illegit- imate	All Ages	Under 1 Yr	Under 28 Days	Peri- natal	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	6,630	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
1959	7,960,000	198,301	6,729	66,812	4,846	3,674	6,250	1,201	2,928	72	58,826	16,168
1960	7,823,194	195,056	7,200	67,912	4,702	3,580	6,247	1,148	3,008	75	61,090	16,656

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 - 1960

(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	RATE										
	LIVE BIRTHS		DEATHS						PERSONS		
	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
1959	24.9	33.9	8.4	24.4	18.5	31.1	6.1	14.8	3.6	14.8	4.1
1960	24.9	36.9	8.7	24.1	18.4	31.5	5.9	15.4	3.8	15.6	4.3

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. For 1910 through 1921 deaths due to immaturity also include deaths from congenital debility.

TABLE 2A - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES
MICHIGAN, 1900 - 1960

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
1959	3	9,452	-	8	3,001	12,234	1,136	4,743	141	448	3,421	8,033	136
1960	9	9,287	-	14	1,129	36,161	2,113	4,127	169	88	3,647	8,372	112

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

TABLE 2B - CASE RATES OF CERTAIN REPORTED COMMUNICABLE DISEASES
MICHIGAN, 1900 - 1960

(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	0.8	43.1	693.3	0.1	98.6	1.7	12.5	195.3	152.5	7.5
1949	1.9	139.4	0	0.8	65.4	319.3	0.4	93.7	1.9	45.8	137.6	148.4	5.3
1950	1.3	73.2	0	0.7	144.1	600.2	0.8	86.9	2.1	31.8	138.6	136.2	3.2
1951	0.7	125.0	0	0.5	48.2	232.7	5.0	93.9	2.1	22.4	99.8	129.8	2.9
1952	0.7	124.1	0	0.8	29.7	491.1	4.2	91.7	2.5	58.3	110.0	114.7	0.9
1953	0.2	85.9	0	0.5	42.8	340.5	12.7	82.4	2.2	34.2	82.0	128.3	0.6
1954	0.8	73.2	0	0.4	80.0	579.8	20.2	82.1	2.1	30.9	66.7	141.5	0.7
1955	0.8	81.3	0	0.3	58.7	330.0	17.2	75.8	2.3	16.3	67.2	142.4	0.8
1956	2.9	97.8	0	0.7	25.4	558.4	10.8	73.4	2.4	8.7	63.7	127.7	0.7
1957	1.7	92.2	0	0.2	17.5	244.4	8.4	64.2	2.2	6.4	58.6	108.0	1.2
1958	0.1	68.4	0	0.2	15.7	526.9	8.7	71.0	2.9	15.6	54.2	109.6	2.3
1959	0.0	118.7	0	0.1	37.7	153.7	14.3	59.6	1.8	5.6	43.0	100.9	1.7
1960	0.1	118.7	0	0.2	14.4	462.2	27.0	52.8	2.2	1.1	46.6	107.0	1.4

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

TABLE 3 - DEATHS DUE TO CERTAIN COMMUNICABLE DISEASES, AND RATES
MICHIGAN, 1900 - 1960

(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			88	3.6		
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			114	4.6		
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			130	5.2		
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			101	4.0		
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						
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	

TABLE 4 - DEATHS DUE TO SPECIFIED CAUSES, AND RATES

MICHIGAN, 1900 - 1960

(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		General Arterio-sclerosis	
	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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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	1,047	21.6
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	1,005	20.6
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	948	19.2
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	966	19.5
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	914	18.3
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	897	17.8
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	997	19.6
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	1,168	22.8
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	869	16.8
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	918	17.6
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	941	17.9
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	906	16.7
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	1,015	18.3
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	1,092	20.3
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	980	18.2
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	970	17.8
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	933	16.3
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	1,031	17.0
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	1,085	17.5
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	1,135	17.9
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	1,296	20.3
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	1,312	20.0
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	1,294	19.3
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	1,270	18.5
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	1,170	16.7
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	1,237	17.1
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	1,251	16.6
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	1,248	16.0
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	1,300	16.5
1959	25,323	318.1	11,113	139.6	7,700	96.7</td												

TABLE 5 - REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLACE OF RESIDENCE
MICHIGAN, 1960

(Place of residence according to rural areas and urban incorporated areas having a 1960 population of 2,500 or more.)

AREA	Total	Diphtheria	Streptococcal sore throat (including scarlet fever)	Typhoid fever	Whooping cough	Hepatitis, infectious and serum	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
STATE	124,209	9	9,287	14	1,129	2,113	1,690	169	88	5	4,127	3,647	8,372	93,559
ALCONA	11	-	-	-	-	1	1	-	-	-	-	2	2	5
ALGER	122	-	1	-	-	-	2	-	-	-	10	1	2	106
Munising	46	-	-	-	-	-	-	-	-	-	5	1	-	40
Balance of County	76	-	1	-	-	-	2	-	-	-	5	-	2	66
ALLEGAN	751	-	140	-	2	24	7	-	1	-	14	3	6	554
Allegan	159	-	19	-	-	5	-	-	-	-	2	1	-	132
**Holland Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Otsego	70	-	2	-	-	2	-	-	-	-	-	1	-	65
Plainwell	209	-	91	-	-	1	-	-	-	-	-	1	-	116
Balance of County	313	-	28	-	2	16	7	-	1	-	12	-	6	241
ALPENA	184	-	26	-	3	53	6	-	1	-	7	-	4	84
Alpena	155	-	15	-	2	48	4	-	-	-	4	-	2	80
Balance of County	29	-	11	-	1	5	2	-	1	-	3	-	2	4
ANTRIM	51	-	-	-	-	24	-	1	-	-	2	1	1	22
ARENAC	37	-	-	-	5	3	4	-	-	-	3	2	1	19
BARAGA	5	-	-	-	-	-	1	-	-	-	4	-	-	-
BARRY	469	-	45	-	-	8	15	-	-	-	5	10	8	378
Hastings	122	-	8	-	-	1	2	-	-	-	-	3	2	106
Balance of County	347	-	37	-	-	7	13	-	-	-	5	7	6	272
BAY	2,562	-	60	-	10	25	41	2	3	-	25	19	60	2,317
Bay City	130	-	-	-	-	-	23	-	3	-	23	18	48	15
Essenville	4	-	-	-	-	-	-	-	-	-	1	-	3	-
Balance of County	2,428	-	60	-	10	25	18	2	-	-	1	1	9	2,302
BENZIE	12	-	-	-	-	-	6	-	-	-	-	-	1	5
BERRIEN	4,602	-	32	-	22	86	8	4	-	-	64	149	119	4,111
Benton Harbor	195	-	-	-	-	-	4	-	-	-	38	71	81	1
Buchanan	15	-	3	-	-	-	-	-	-	-	3	8	1	-
Niles	74	-	-	-	-	2	-	-	-	-	5	22	15	30
St. Joseph	1,429	-	-	-	5	16	-	-	-	-	2	8	3	1,395
Balance of County	2,889	-	29	-	17	68	4	4	-	-	16	40	19	2,692
BRANCH	614	-	27	-	-	26	22	-	-	-	9	3	6	521
Coldwater	427	-	5	-	-	16	7	-	-	-	2	-	2	395
Balance of County	187	-	22	-	-	10	15	-	-	-	7	3	4	126
CALHOUN	2,092	-	45	-	11	106	55	3	4	-	39	50	161	1,618
Albion	289	-	10	-	3	2	8	1	1	-	9	5	32	218
Battle Creek	792	-	10	-	3	39	20	-	1	-	20	37	119	543
Marshall	199	-	1	-	-	6	-	-	-	-	5	4	4	179
Balance of County	812	-	24	-	5	59	27	2	2	-	5	4	6	678
CASS	255	-	17	-	8	6	6	2	-	-	4	19	4	189
Dowagiac	17	-	-	-	-	-	-	-	-	-	2	12	3	-
Balance of County	238	-	17	-	8	6	6	2	-	-	2	7	1	189
CHARLEVOIX	35	-	-	-	-	7	3	-	-	-	6	3	1	15
Boyne City	3	-	-	-	-	-	-	-	-	-	3	-	-	-
Charlevoix	3	-	-	-	-	-	-	-	-	-	1	2	-	-
Balance of County	29	-	-	-	-	7	3	-	-	-	2	1	1	15
CHEBOYGAN	40	-	7	-	-	-	2	-	-	-	3	2	4	22
Cheboygan	28	-	5	-	-	-	1	-	-	-	2	2	2	16
Balance of County	12	-	2	-	-	-	1	-	-	-	1	-	2	6
CHIPPEWA	151	-	11	-	6	5	12	-	8	-	13	5	8	83
Sault Ste. Marie	108	-	8	-	4	-	5	-	4	-	8	3	4	72
Balance of County	43	-	3	-	2	5	7	-	4	-	5	2	4	11
CLARE	12	-	-	-	-	1	4	-	1	-	-	4	1	1
CLINTON	509	-	29	-	2	-	-	-	-	-	8	5	7	458
St. Johns	5	-	-	-	-	-	-	-	-	-	3	1	1	-
Balance of County	504	-	29	-	2	-	-	-	-	-	5	4	6	458
CRAWFORD	68	-	-	-	-	16	-	-	-	-	2	2	-	48
DELTA	151	-	15	-	-	3	2	-	1	-	30	1	1	98
Escanaba	123	-	14	-	-	3	1	-	-	-	17	1	1	86
Gladstone	5	-	-	-	-	-	1	-	-	-	2	-	2	-
Balance of County	23	-	1	-	-	-	-	-	1	-	11	-	-	10
DICKINSON	471	-	22	-	-	-	-	-	-	-	8	3	5	433
Iron Mountain	129	-	6	-	-	-	-	-	-	-	5	1	4	113
Kingsford	196	-	16	-	-	-	-	-	-	-	1	1	1	178
Norway	48	-	-	-	-	-	-	-	-	-	1	-	-	47
Balance of County	98	-	-	-	-	-	-	-	-	-	1	2	-	95

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	Hepatitis, infectious and serum	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
EATON	250	-	77	-	2	3	27	2	1	-	5	6	24	103
Charlotte	58	-	6	-	1	1	14	1	-	-	2	2	6	25
Eaton Rapids	51	-	23	-	1	-	-	-	-	-	-	1	3	23
Grand Ledge	67	-	40	-	1	1	-	-	-	-	-	-	8	18
Balance of County	74	-	8	-	1	13	1	-	1	-	3	3	7	37
EMMET	94	-	6	-	-	4	10	-	-	-	4	1	7	62
Fetoskey	62	-	6	-	4	4	4	-	-	-	1	1	2	44
Balance of County	32	-	-	-	6	6	-	-	-	-	3	-	5	18
GENESEE	6,170	-	171	-	26	363	76	37	2	-	104	148	752	4,491
**#Davidson	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fenton	6	-	-	-	-	-	-	-	-	-	-	4	2	-
Flint	2,648	-	75	-	22	125	29	34	2	-	83	138	717	1,423
**#Flushing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mount Morris	10	-	-	-	-	-	1	-	-	-	-	-	9	-
**#Swartz Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	3,506	-	96	-	4	238	46	3	-	-	21	6	24	3,068
GLADWIN	22	-	-	-	-	3	5	-	-	-	-	-	-	14
GOGEBIC	136	-	-	-	-	-	3	-	-	-	49	8	10	66
Bessemer	34	-	-	-	-	-	2	-	-	-	18	4	2	10
Ironwood	55	-	-	-	-	-	-	-	-	-	19	2	4	28
Wakefield	40	-	-	-	-	-	-	-	-	-	6	2	4	28
Balance of County	7	-	-	-	-	-	1	-	-	-	6	-	-	-
GRAND TRAVERSE	140	-	1	-	-	7	8	-	-	-	10	5	4	105
Traverse City	16	-	-	-	-	7	2	-	-	-	5	2	2	5
Balance of County	124	-	1	-	-	7	6	-	-	-	5	3	2	100
GRATIOT	124	-	3	-	1	-	10	-	2	-	4	12	5	87
Alma	95	-	3	-	1	-	-	-	-	-	2	3	1	85
**#Ithaca	-	-	-	-	-	-	-	-	-	-	1	4	2	-
St. Louis	9	-	-	-	-	-	2	-	-	-	1	5	2	2
Balance of County	20	-	-	-	-	8	-	-	2	-	1	-	2	-
HILLSDALE	121	-	23	-	-	1	12	-	-	1	1	5	27	51
Hillsdale	40	-	7	-	-	1	2	-	-	-	1	-	14	15
Balance of County	81	-	16	-	-	10	-	-	-	1	-	5	13	36
HOUGHTON	51	-	-	-	-	-	11	-	-	-	35	3	2	-
Hancock	6	-	-	-	-	-	1	-	-	-	4	1	-	-
Houghton	7	-	-	-	-	-	-	-	-	-	4	1	2	-
Laurium	6	-	-	-	-	-	-	-	-	-	6	-	-	-
Balance of County	32	-	-	-	-	10	-	-	-	-	21	1	-	-
HURON	24	-	-	-	-	-	5	-	-	1	5	6	5	2
Bad Axe	2	-	-	-	-	-	5	-	-	1	1	5	5	2
Balance of County	22	-	-	-	-	-	-	-	-	1	4	5	5	2
INGHAM	6,274	1	4,161	2	4	35	41	4	3	-	44	50	294	1,635
East Lansing	701	-	492	-	3	1	-	-	-	-	4	3	20	178
Lansing	3,660	-	2,583	1	3	17	20	4	1	-	31	42	247	711
Mason	41	-	23	-	1	5	-	1	-	-	-	-	1	10
Balance of County	1,872	1	1,063	1	1	14	15	-	1	-	9	5	26	736
IONIA	66	-	4	-	-	-	4	-	-	-	5	13	17	23
Belding	8	-	-	-	-	-	-	-	-	-	-	2	-	-
Ionia	14	-	-	-	-	-	-	-	-	-	1	6	5	2
Portland	27	-	4	-	-	-	-	-	-	-	1	-	3	19
Balance of County	17	-	-	-	-	4	-	-	-	-	3	5	3	2
IOSCO	73	-	-	-	-	-	1	-	-	-	3	4	8	53
IRON	90	-	4	-	-	-	9	-	1	-	9	2	-	65
Iron River	17	-	-	-	-	-	9	-	1	-	3	1	-	13
Balance of County	73	-	4	-	-	-	9	-	1	-	6	1	-	52
ISABELLA	399	-	-	-	1	9	11	2	4	-	7	9	11	345
Mount Pleasant	370	-	-	-	1	8	3	2	2	-	3	8	9	334
Balance of County	29	-	-	-	1	8	-	2	-	-	4	1	2	11
JACKSON	944	-	25	-	-	9	9	-	-	-	74	48	84	695
Jackson	568	-	21	-	-	9	6	-	-	-	49	37	72	374
Balance of County	376	-	4	-	-	3	-	-	-	-	25	11	12	321
KALAMAZOO	5,523	-	192	-	7	42	36	8	-	1	39	74	231	4,893
Kalamazoo	2,359	-	51	-	-	23	16	6	-	-	26	68	224	1,945
Balance of County	3,164	-	141	-	7	19	20	2	-	1	13	6	7	2,948
KALKASKA	79	-	-	-	-	-	-	-	-	-	-	1	1	77
KENT	4,145	2	546	1	36	85	39	7	3	-	90	77	424	2,835
East Grand Rapids	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Rapids	2,070	-	192	1	13	51	22	1	3	-	69	69	381	1,268
**#Grandville	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**#Lowell	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**#Sparta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**#Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	2,075	2	354	-	23	34	17	6	-	-	21	8	43	1,567

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	Hepatitis, infectious and serum	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhoea	All other diseases*	
KEEWENAW	5	-	-	-	-	-	-	-	-	-	3	-	-	2	
LAKE	10	-	-	-	-	-	-	-	-	-	1	4	2	3	
LAPEER	263	-	41	-	-	3	9	2	-	-	14	13	16	165	
Lapeer	225	-	41	-	-	3	2	1	-	-	1	10	5	162	
Balance of County	38	-	-	-	-	7	1	-	-	-	13	3	11	3	
LEELANAU	51	-	-	-	-	1	-	-	-	-	5	3	5	37	
LENAWEE	294	-	17	-	9	12	29	-	-	-	31	17	11	168	
Adrian	164	-	5	-	7	2	4	-	-	-	21	10	3	112	
**Blissfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hudson	5	-	-	-	-	-	-	-	-	-	1	1	3	-	
Tecumseh	19	-	-	-	2	6	2	-	-	-	1	1	1	6	
Balance of County	106	-	12	-	-	4	23	-	-	-	8	5	4	50	
LIVINGSTON	319	-	1	-	3	61	16	-	-	-	8	7	3	220	
Howell	260	-	1	-	-	36	4	-	-	-	2	1	1	216	
Balance of County	59	-	-	-	3	25	12	-	-	-	6	6	2	4	
LUCE	157	-	-	-	-	51	-	-	-	-	2	2	1	101	
Newberry	156	-	-	-	-	51	-	-	-	-	2	1	1	101	
Balance of County	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
MACKINAC	183	-	4	-	-	-	-	5	-	-	4	1	1	168	
St. Ignace	176	-	4	-	-	-	-	2	-	-	2	-	-	168	
Balance of County	7	-	-	-	-	-	-	3	-	-	2	1	1	-	
MACOMB	6,466	2	159	-	6	57	60	2	6	-	196	80	46	5,852	
Center Line	111	-	7	-	-	1	4	-	-	-	9	2	1	87	
East Detroit	396	-	11	-	-	4	4	1	2	-	19	14	2	339	
**Fraser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mount Clemens	1,166	-	6	-	1	3	7	-	-	1	40	26	15	1,067	
**New Baltimore Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
**Richmond	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romeo	40	-	-	-	-	1	1	-	-	-	-	1	2	35	
Roseville	553	-	22	-	1	8	10	-	-	1	27	8	6	470	
St. Clair Shores	1,421	1	45	-	-	9	7	-	-	1	27	8	7	1,316	
**Warren	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Balance of County	2,779	1	68	-	4	31	27	1	1	-	74	21	13	2,538	
MANISTEE	10	-	-	-	-	-	-	3	-	-	4	1	1	1	
Manistee	6	-	-	-	-	-	-	2	-	-	2	1	1	-	
Balance of County	4	-	-	-	-	-	-	1	-	-	2	-	-	1	
MARQUETTE	543	-	33	-	4	1	14	-	1	-	40	12	7	431	
Ishpeming	126	-	9	-	-	-	-	-	-	-	7	1	1	109	
Marquette	381	-	24	-	4	1	6	-	1	-	17	4	2	322	
Negaunee	7	-	-	-	-	-	-	-	-	-	5	2	-	-	
Balance of County	29	-	-	-	-	-	8	-	-	-	11	5	5	-	
MASON	172	-	10	-	-	4	11	-	-	-	2	4	2	139	
Ludington	93	-	7	-	-	9	9	-	-	-	2	4	-	71	
Balance of County	79	-	3	-	-	4	2	-	-	-	-	-	2	68	
MECOSTA	95	-	36	-	-	-	-	10	-	1	8	6	5	29	
Big Rapids	54	-	31	-	-	-	-	2	-	-	3	2	1	15	
Balance of County	41	-	5	-	-	-	8	-	1	-	5	4	4	14	
MENOMINEE	44	-	13	-	-	-	-	1	-	1	-	14	5	1	9
Menominee	26	-	11	-	-	-	-	-	-	1	-	5	3	7	
Balance of County	18	-	2	-	-	-	-	1	-	-	9	2	1	2	
MIDLAND	3,139	-	78	-	5	61	18	-	-	-	5	11	9	2,952	
Midland	1,586	-	40	-	2	16	6	-	-	-	3	7	6	1,506	
Balance of County	1,553	-	38	-	3	45	12	-	-	-	2	4	3	1,446	
MISSAUKEE	383	-	7	-	16	4	5	-	-	-	1	3	-	347	
MONROE	997	-	17	-	22	177	47	8	2	-	34	16	21	653	
Milan Pt.	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
Monroe	62	-	-	-	-	-	13	-	1	-	20	11	16	1	
Balance of County	934	-	17	-	22	177	33	8	1	-	14	5	5	652	
MONTGOMERY	34	-	-	-	-	3	11	-	-	1	5	5	6	3	
Greenville	10	-	-	-	-	3	-	-	-	1	1	1	5	-	
Balance of County	24	-	-	-	-	11	-	-	-	1	4	4	1	3	
MONTMORENCY	22	-	2	-	-	1	1	1	-	-	1	1	-	15	
MUSKEGON	2,384	-	455	-	25	13	55	2	3	-	44	74	290	1,423	
Muskegon	505	-	35	-	7	4	28	1	1	-	27	37	148	217	
Muskegon Heights	513	-	63	-	14	-	2	-	-	-	6	28	123	277	
**North Muskegon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
**Roosevelt Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
**Whitehall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Balance of County	1,366	-	357	-	4	9	25	1	2	-	11	9	19	929	
NEWAYGO	85	-	23	-	4	12	4	-	-	-	5	1	4	32	
Fremont	1	-	-	-	4	-	-	-	-	-	5	1	1	-	
Balance of County	84	-	23	-	4	12	4	-	-	-	5	1	3	32	

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	Rheumatic fever	Meningococcal infections	Poliomyelitis	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
OAKLAND	10,654	-	298	1	19	110	123	8	313	123	412	9,222
Berkeley	163	-	-	-	-	1	2	-	9	-	7	144
**Beverly Hills	-	-	-	-	-	-	-	-	-	-	-	-
Birmingham	643	-	16	-	1	-	2	-	12	6	3	603
Clawson	121	-	-	-	-	1	3	-	12	-	-	105
**Farmington	-	-	-	-	-	-	-	-	-	-	-	-
Ferndale	71	-	-	-	-	-	1	-	23	6	9	31
Hazel Park	42	-	-	-	-	-	-	-	20	4	17	-
Holly	4	-	-	-	-	-	-	-	1	1	2	-
Huntington Woods	3	-	-	-	-	-	-	-	2	1	-	-
**Keego Harbor	-	-	-	-	-	-	-	-	-	-	-	-
**Lake Orion	-	-	-	-	-	-	-	-	-	-	-	-
**Lathrup Village	-	-	-	-	-	-	-	-	-	-	-	-
**Madison Heights	-	-	-	-	-	-	-	-	-	-	-	-
**Milford	-	-	-	-	-	-	-	-	-	-	-	-
Northville Pt.	-	-	-	-	-	-	-	-	-	-	-	-
**Novi	-	-	-	-	-	-	-	-	-	-	-	-
Oak Park	18	-	-	-	-	-	-	-	11	1	6	-
Pleasant Ridge	20	-	-	-	-	-	-	-	2	-	-	17
Pontiac	1,686	-	29	-	5	17	30	1	54	50	228	1,470
Rochester	72	-	4	-	-	1	-	-	10	1	6	50
Royal Oak	367	-	4	-	1	3	7	-	45	7	28	271
**Southfield	-	-	-	-	-	-	-	-	-	-	-	-
**Troy	-	-	-	-	-	-	-	-	-	-	-	-
**Walled Lake	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	7,244	-	245	1	12	87	76	21	6	1	106	6,531
OCEANA	15	-	-	-	-	5	2	-	3	-	2	-
OGEMAW	118	-	29	-	-	8	4	-	3	5	3	66
ONTONAGON	28	-	-	-	-	-	2	-	12	2	2	10
OSCEOLA	91	-	22	-	-	3	2	-	6	1	2	55
OSCODA	7	-	-	-	-	-	3	-	2	-	-	2
OTSEGO	9	-	-	-	-	-	-	-	1	3	3	2
*Gaylor	-	-	-	-	-	-	-	-	1	3	3	-
Balance of County	9	-	-	-	-	-	-	-	7	6	7	1,043
OTTAWA	2,047	-	385	-	12	51	20	-	20	8	22	1,528
Grand Haven	409	-	70	-	2	4	-	-	1	-	7	325
Holland Pt.	200	-	10	-	1	16	4	-	11	2	8	148
**Hudsonville	-	-	-	-	-	-	-	-	-	-	-	-
Zeeland	26	-	13	-	-	-	-	-	1	-	-	12
Balance of County	1,412	-	292	-	9	31	16	-	7	6	7	1,043
PRESQUE ISLE	26	-	10	-	-	4	3	-	2	1	-	6
Rogers City	9	-	1	-	-	1	1	-	1	1	-	-
Balance of County	17	-	9	-	-	3	2	-	1	-	-	2
ROSCOMMON	60	-	-	-	1	-	6	-	-	1	-	52
SAGINAW	4,340	-	134	-	27	125	36	10	61	114	164	3,667
**Chesaning	-	-	-	-	-	-	-	-	-	-	-	-
Saginaw	2,340	-	33	-	14	27	19	4	46	95	150	1,951
Balance of County	2,000	-	101	-	13	98	17	6	15	19	14	1,716
ST. CLAIR	965	-	314	-	9	12	19	3	-	28	22	521
Algoma	3	-	-	-	-	-	-	-	2	1	-	-
Marine City	7	-	-	-	-	-	3	-	2	1	1	-
Marysville	-	-	-	-	-	-	-	-	-	-	-	-
**New Baltimore Pt.	-	-	-	-	-	-	-	-	-	-	-	-
Port Huron	686	-	283	-	2	3	7	2	-	15	17	337
St. Clair	5	-	-	-	-	-	1	-	3	1	-	-
Balance of County	264	-	31	-	7	9	8	1	-	10	4	184
ST. JOSEPH	219	-	2	-	-	4	15	-	9	7	6	175
Sturgis	13	-	-	-	-	2	1	-	1	-	4	4
Three Rivers	179	-	2	-	-	2	-	-	2	3	1	169
Balance of County	27	-	-	-	-	-	14	-	6	4	1	2
SANILAC	50	-	1	-	-	-	6	-	12	5	-	25
SCHOOLCRAFT	33	-	3	-	-	-	1	-	4	1	1	23
Manistique	23	-	2	-	-	-	-	-	4	1	-	-
Balance of County	10	-	1	-	-	-	1	-	-	-	-	8
SHIAWASSEE	679	-	26	-	-	2	21	-	13	3	5	609
**Corunna	-	-	-	-	-	-	-	-	-	-	-	-
Durand	3	-	-	-	-	-	1	-	1	1	-	-
Owosso	370	-	19	-	-	-	3	-	5	2	3	341
Balance of County	306	-	7	-	-	2	17	-	7	2	3	268
TUSCOLA	297	-	2	-	-	35	14	-	7	15	2	222
Caro	179	-	2	-	-	6	1	-	1	4	-	165
Vassar	5	-	-	-	-	1	1	-	-	3	-	-
Balance of County	113	-	-	-	-	28	12	-	6	8	2	57

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	Hepatitis infections and serum	Rheumatic fever	Meningococcal infections	Poliomyelitis	Undulant fever	Tuberculosis	Syphilis	Gonorrhea	All other diseases*
VAN BUREN	559	3	58	-	8	26	11	-	-	-	16	24	34	376
**Paw Paw	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Haven	16	-	-	-	-	-	-	-	-	-	2	4	10	-
Balance of County	543	3	58	-	8	26	11	-	3	-	14	20	24	376
WASHTENAW	3,425	-	343	-	21	36	42	4	-	-	45	48	94	2,792
Ann Arbor	1,630	-	224	-	10	5	16	3	-	-	17	15	32	1,308
Chelsea	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Milan Pt.	18	-	-	-	-	-	-	-	-	-	-	13	5	-
Ypsilanti	751	-	24	-	1	7	12	-	-	-	19	19	51	618
Balance of County	1,025	-	95	-	10	24	14	1	-	-	9	-	6	866
WAYNE	45,672	1	1,055	10	782	257	544	41	20	-	2,386	2,236	4,857	33,483
**Allen Park	34	-	-	-	-	-	-	-	-	-	25	6	3	-
**Dearborn	195	-	-	-	-	-	-	-	-	-	118	38	23	5
Detroit	34,442	1	852	8	749	118	306	23	9	-	1,653	1,980	4,540	24,203
**Ecorse	49	-	-	-	-	-	-	-	-	-	16	20	13	-
**Flat Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**Garden City	29	-	-	-	-	-	-	-	-	-	18	2	9	-
**Grosse Pointe	11	-	-	-	-	-	-	-	-	-	5	5	1	-
**Grosse Pte. Farms	3	-	-	-	-	-	-	-	-	-	2	1	-	-
**Grosse Pte. Park	3	-	-	-	-	-	-	-	-	-	2	1	-	-
**Grosse Pte. Woods	7	-	-	-	-	-	-	-	-	-	7	-	-	-
**Hamtramck	93	-	-	-	-	-	-	-	-	-	44	15	34	-
**Harper Woods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**Highland Park	88	-	-	-	-	-	-	-	-	-	38	30	20	-
**Inkster	150	-	-	-	-	-	-	-	-	-	54	22	74	-
**Lincoln Park	64	-	-	-	-	-	-	-	-	-	50	6	8	-
**Livonia	41	-	-	-	-	-	-	-	-	-	29	3	9	-
**Melvindale	20	-	-	-	-	-	-	-	-	-	12	4	4	-
**Northville Pt.	12	-	-	-	-	-	-	-	-	-	3	7	2	-
**Plymouth	21	-	-	-	-	-	-	-	-	-	11	7	3	-
**River Rouge	76	-	-	-	-	-	-	-	-	-	25	16	35	-
**Riverview	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**Southgate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**Trenton	24	-	-	-	-	-	-	-	-	-	16	4	4	-
**Wayne	68	-	-	-	-	-	-	-	-	-	28	17	23	-
**Wyandotte	71	-	-	-	-	-	-	-	-	-	45	13	10	-
Balance of County	10,171	-	203	2	33	139	224	18	11	-	185	39	42	9,275
WEXFORD	1,330	-	19	-	10	15	3	-	-	-	4	-	2	1,277
Cadillac	690	-	11	-	1	9	-	-	-	-	3	-	1	665
Balance of County	640	-	8	-	9	6	3	-	-	-	1	-	-	612

*Includes:

Actinomycosis	1	Erysipelas	43	Pink eye	327
Bites, animal	19,946	Impetigo	1,582	Psittacosis	3
Botulism	4	Infectious mononucleosis	211	Rabies in animals	70
Chickenpox	15,837	Influenza	2,600	Ringworm	1,947
Conjunctivitis (Kerato)	48	Measles	36,161	Rubella	2,028
Diarrhea, epidemic (infants under 1 year)	530	Meningitis, aseptic	171	Salmonella infections	239
Dysentery, amebic	79	Meningitis, influenzal	27	Scabies	47
Dysentery, bacillary	562	Meningitis, other	131	Tetanus	4
Encephalitis, infectious	55	Mumps	10,770	Trichinosis	3
		Pediculosis	131	Weil's disease	2

**Data included in balance of county unless otherwise indicated.

TABLE 6A - ACCIDENTAL DEATHS BY CAUSE, SEX, AND AGE
MICHIGAN, 1960

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

CAUSE OF DEATH	INT. LIST NUMBER	NUMBER										PERCENT						
		AGE IN YEARS										AGE IN YEARS						
		All Ages	Under 1	1 4	5 14	15 24	25 34	45 64	65 74	75 & Over*	All Ages	Under 1	1 4	5 14	15 24	25 44	45 64	65 74
GRAND TOTAL	E800-E962	3,688	131	211	515	734	775	401	629	100	3.5	5.7	7.9	14.0	19.9	21.0	10.9	17.1
Male	2,485	80	118	208	422	577	558	261	261	100	3.2	4.7	8.4	17.0	22.5	10.5	10.5	10.5
Female	1,203	51	93	84	93	157	217	140	368	100	4.3	7.7	7.0	7.7	13.1	18.0	11.6	30.6
TRANSPORT TOTAL										100	100	100	100	100	100	100	100	100
Male	E800-E866	1,830	7	89	142	405	500	403	179	105	49.6	5.3	42.2	48.6	78.6	68.1	52.0	44.6
Female	1,333	6	52	105	326	389	273	115	67	36.1	4.6	24.7	35.9	63.3	53.0	35.2	28.7	
Motor vehicle**	E810-E835	1,710	7	88	133	382	456	371	170	103	46.4	5.3	41.7	45.5	74.2	62.1	47.9	42.4
Railroad - not with motor vehicle	E800-E802	20	-	-	2	1	7	5	4	1	0.5	0	0	0	0.7	0.2	0.9	0.6
Other road vehicle - not with motor vehicle	E840-E845	8	-	-	3	1	-	1	2	1	0.2	0	0	0	1.0	0.2	0.1	0.2
Water transportation***	E850-E858	61	-	1	4	14	24	16	2	-	1.7	0	0.5	1.4	2.7	3.3	2.1	0.5
Air transportation	E860-E866	31	-	-	-	7	13	10	1	-	0.8	0	0	0	1.3	1.8	1.3	0.2
NON-TRANSPORT TOTAL	E870-E936	1,791	122	118	148	102	220	353	211	517	48.6	93.2	55.9	50.7	19.8	30.0	45.5	52.6
Male	1,107	72	64	102	89	181	272	137	190	30.0	55.0	30.3	34.9	17.3	24.7	35.1	34.2	30.2
Female	684	50	54	46	13	39	81	74	327	18.6	38.2	25.6	15.8	2.5	5.3	10.4	18.4	52.0
Poisoning	E870-E895	97	-	17	1	5	24	38	10	2	2.6	0	8.0	0.4	1.0	3.3	4.9	2.5
Falls	E900-E904	805	7	8	5	6	43	141	139	456	21.8	5.3	3.8	1.7	1.2	5.9	18.2	34.7
Blow from falling object	E910	36	-	-	3	6	7	16	2	2	1.0	0	0	1.0	1.2	0.9	2.1	0.5
Machinery	E912	65	-	1	8	5	24	21	4	2	1.8	0	0.5	2.7	1.0	3.3	2.7	1.0
Electric current	E914	28	-	2	6	10	9	1	-	0.8	0	0	0	0.7	1.2	1.4	1.2	0.2
Fire and explosion of combustible material	E916	237	8	42	33	8	39	53	26	28	6.4	6.1	19.9	11.3	1.5	5.3	6.8	4.4
Hot substance, corrosive liquid, steam, radiation	E917, E918	17	1	4	-	1	7	1	3	0.5	0.8	1.9	0	0.1	0.9	0.2	0.5	
Firearm	E919	46	-	1	19	12	8	6	-	1.2	0	0.5	6.5	2.3	1.1	0.8	0	0
Inhalation or ingestion of food or other object	E921, E922	109	53	10	5	4	7	12	8	10	3.0	40.5	4.7	1.7	0.8	1.5	2.0	1.6
Mechanical suffocation	E924, E925	57	44	2	4	1	5	1	-	1.5	33.6	0.9	1.4	0.2	0.7	0.1	0	0
Drowning and submersion	E929	199	3	24	56	42	32	23	11	8	5.4	2.3	11.4	19.2	8.1	4.4	3.0	2.8
Other causes	95	6	9	12	7	20	26	9	6	2.6	4.6	4.3	4.1	1.3	2.7	3.3	2.2	1.0
THERAPEUTIC MISADVENTURE & LATE COMPLICATION, COMPLICATIONS OF NONTHERAPEUTIC PROCEDURES, LATE EFFECTS OF INJURY & POISONING	E940-E962	67	2	4	2	8	14	19	11	7	1.8	1.5	1.9	0.7	1.6	1.9	2.5	1.1

* Includes 1 with age not stated.

** Forty two of these were non-traffic accidents.

*** Fifty seven of these were drownings resulting from water transport accidents.

TABLE 6B - NON-TRANSPORT ACCIDENTAL DEATHS BY PLACE OF ACCIDENT AND CAUSE
MICHIGAN, 1960

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

TABLE 6C - ACCIDENTAL DEATHS BY PLACE OF ACCIDENT AND LEADING CAUSES OF DEATH
MICHIGAN, 1960

(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	3,688		100
TRANSPORT	1,830		49.6
MOTOR VEHICLE	1,710	100	46.4
OTHER TRANSPORT	120	100	3.2
Water transportation	61	50.8	
Air transportation	31	25.8	
Railroad	20	16.7	
Other road vehicle	8	6.7	
NON-TRANSPORT	1,791		48.6
HOME	804	100	21.8
Falls	356	44.3	
Fire & explosion of combustible material	204	25.4	
Poisoning	60	7.5	
Mechanical suffocation	43	5.3	
Inhalation & ingestion of food or other objects causing obstruction or suffocation	40	5.0	
Firearm	25	3.1	
Other	76	9.4	
FARM	67	100	1.8
Machinery	27	40.3	
Falls	9	13.4	
Firearm	7	10.4	
Animals	6	9.0	
Fire & explosion of combustible material	6	9.0	
Other	12	17.9	
MINE AND QUARRY	18	100	0.5
Drowning	8	44.4	
Blow from falling object	5	27.8	
Other	5	27.8	
INDUSTRIAL PLACE AND PREMISES	66	100	1.8
Machinery	23	34.8	
Falls	16	24.2	
Fire & explosion of combustible material	6	9.1	
Hot substance, corrosive liquid, steam & radiation	5	7.6	
Blow from falling object	4	6.1	
Electric current	4	6.1	
Other	8	12.1	
RECREATION AND SPORT	25	100	0.7
Drowning	15	60.0	
Blow from falling object	2	8.0	
Falls	2	8.0	
Other	6	24.0	
STREET AND HIGHWAY	60	100	1.6
Falls	37	61.7	
Poisoning	6	10.0	
Firearm	3	5.0	
Machinery	3	5.0	
Other	11	18.3	
PUBLIC BUILDING	63	100	1.7
Falls	30	47.6	
Fire & explosion of combustible material	9	14.3	
Poisoning	7	11.1	
Drowning	4	6.3	
Electric current	3	4.8	
Other	10	15.9	
RESIDENT INSTITUTION	121	100	3.3
Falls	100	82.7	
Inhalation & ingestion of food or other objects causing obstruction or suffocation	14	11.6	
Other	7	5.7	
OTHER SPECIFIED PLACES	213	100	5.8
Drowning	143	67.1	
Falls	24	11.3	
Blow from falling object	10	4.7	
Electric current	6	2.8	
Poisoning	6	2.8	
Mechanical suffocation	6	2.8	
Other	18	8.5	
PLACE NOT SPECIFIED	354	100	9.6
Falls	229	64.7	
Inhalation & ingestion of food or other objects causing obstruction or suffocation	52	14.7	
Poisoning	16	4.5	
Fire & explosion of combustible material	6	1.7	
Firearm	5	1.4	
Mechanical suffocation	5	1.4	
Other	41	11.6	
THERAPEUTIC MISADVENTURE AND LATE COMPLICATIONS, COMPLICATIONS OF NONTHERAPEUTIC PROCEDURES, LATE EFFECTS OF INJURY AND POISONING	67		1.8

TABLE 6D - NON-TRANSPORT ACCIDENTAL DEATHS BY PLACE OF ACCIDENT, AGE, AND CAUSE
MICHIGAN, 1960

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

PLACE OF ACCIDENT AND AGE	SEX	TOTAL	Male	Female	E970 - E895	E900 - E904	E910 Blow from falling object	E912 Machinery	E914 Electric current	E916 Fire and explosion	E917, E918 Hot substance, corrosive liquid, steam and radiation	E919 Firearms	E921, Inhalation and E922 ingestion of food or other object causing obstruction or suffocation	E924, Mechanical suffocation	E925 Drowning	Other	
NON-TRANSPORT TOTAL		1,791	1,107	684	97	805	36	65	28	237	17	46	109	57	199	95	
HOME-ALL AGES		804	415	389	60	356	8	3	10	204	9	25	40	43	19	27	
Under 1		89	51	38	-	5	-	-	-	8	1	-	27	41	2	5	
1 - 4		81	39	42	10	6	-	1	1	40	3	1	3	1	8	8	
5 - 14		55	27	28	1	2	2	1	1	30	-	12	3	-	-	3	
15 - 24		15	10	5	1	1	-	1	2	4	-	5	-	-	-	2	
25 - 44		76	47	29	14	12	2	-	5	30	-	4	-	-	4	4	
45 - 64		149	96	53	22	64	3	-	2	45	2	3	3	1	2	3	
65 & Over		339	145	194	12	266	1	1	-	47	3	-	4	-	3	2	
PARM-ALL AGES		67	63	4	-	9	3	27	2	6	-	7	-	-	-	2	11
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		4	3	1	-	-	-	-	-	2	-	-	-	-	2	-	-
5 - 14		16	14	2	-	-	-	-	-	2	-	-	-	-	-	3	-
15 - 24		5	5	-	-	-	-	-	-	-	-	2	-	-	-	-	-
25 - 44		10	9	1	-	2	1	-	-	1	-	-	1	-	-	2	-
45 - 64		19	19	-	-	4	-	10	1	-	-	-	-	-	-	4	-
65 & Over		13	13	-	-	3	2	4	1	1	-	-	-	-	-	-	2
MINE & QUARRY-ALL AGES		18	17	1	-	2	5	2	-	-	-	1	-	-	-	8	-
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
5 - 14		2	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-
15 - 24		7	7	-	-	-	-	1	1	-	-	-	1	-	4	-	-
25 - 44		2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-
45 - 64		6	6	-	-	2	3	-	-	-	-	-	-	-	1	-	-
65 & Over		-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
INDUSTRIAL PLACE & PREMISES-ALL AGES		66	66	-	-	16	4	23	4	6	5	1	-	-	-	2	5
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 - 24		4	4	-	-	-	2	-	15	1	4	1	-	-	-	1	-
25 - 44		35	35	-	-	10	6	2	8	3	2	3	-	-	1	3	-
45 - 64		26	26	-	-	-	6	-	-	-	-	-	-	-	1	1	1
65 & Over		1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
PLACE FOR RECREATION & SPORT-ALL AGES		25	20	5	1	2	2	-	-	1	-	-	1	-	-	15	3
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14		7	5	2	-	-	1	1	-	-	-	-	-	-	5	1	-
15 - 24		6	5	1	-	1	1	-	-	-	-	-	-	-	4	-	-
25 - 44		7	6	1	-	-	-	-	-	-	-	-	-	-	5	1	-
45 - 64		5	4	1	1	1	-	-	-	-	-	-	-	-	1	1	-
65 & Over		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STREET & HIGHWAY-ALL AGES		60	52	8	6	37	1	3	2	2	-	3	-	-	2	1	3
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		2	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-
5 - 14		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 - 24		7	5	2	-	2	1	-	1	-	-	-	-	-	2	-	-
25 - 44		14	14	-	-	2	4	-	2	2	1	-	-	-	1	-	-
45 - 64		16	16	-	1	12	1	-	-	-	-	-	-	-	-	-	2
65 & Over		20	15	5	-	20	-	-	-	-	-	-	-	-	-	-	-
PUBLIC BUILDING-ALL AGES		63	52	11	7	30	2	1	3	9	1	-	2	-	4	4	-
Under 1		1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
1 - 4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14		4	2	2	-	2	1	-	1	-	-	-	-	-	2	-	-
15 - 24		6	4	2	1	1	1	-	1	2	-	-	-	-	-	-	-
25 - 44		14	13	1	3	5	-	-	2	3	1	-	-	-	1	3	-
45 - 64		23	22	1	3	12	-	-	2	3	1	-	-	-	1	1	-
65 & Over		15	11	4	-	10	1	1	-	2	-	-	1	-	-	-	-
RESIDENT INSTITUTION-ALL AGES		121	52	69	1	100	-	-	-	-	-	-	-	14	1	1	4
Under 1		3	2	1	-	-	-	-	-	-	-	-	-	-	3	1	-
1 - 4		2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
5 - 14		2	1	1	-	1	-	-	-	-	-	-	-	-	1	-	-
15 - 24		2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-
25 - 44		4	2	2	1	1	-	-	-	-	-	-	-	-	1	-	-
45 - 64		14	7	7	-	10	-	-	-	-	-	-	-	-	4	-	-
65 & Over		94	37	57	-	88	-	-	-	-	-	-	-	-	1	-	1
OTHER SPECIFIED PLACES-ALL AGES		213	189	24	6	24	10	3	6	3	-	3	1	-	6	143	8
Under 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 4		11	8	3	-	-	-	-	-	-	-	-	-	-	11	-	-
5 - 14		52	46	6	-	-	-	-	-	-	-	-	-	-	3	46	1
15 - 24		42	39	3	1	2	1	-	2	1	-	-	-	-	1	34	-
25 - 44		39	35	4	2	5	3	2	2	1	-	-	-	-	2	21	-
45 - 64		47	42	5	3	13	6	1	1	2	-	-	-	-	16	4	-
65 & Over*		22	19	3	-	4	-	-	-	-	-	-	-	-	15	15	3
PLACE NOT SPECIFIED-ALL AGES		354	181	173	16	229	1	3	1	6	2	5	52	5	4	30	-
Under 1		29	19	10	-	2	-	-	-	-	-	-	23	3	-	1	-
1 - 4		17	11	6	6	2	-	-	-	-	-	-	6	-	1	1	-
5 - 14		9	5	4	-	-	-	-	-	-	-	-	-	-	-	3	-
15 - 24		8	8	-	-	-	-	-	-	-	-	-	1	-	-	3	-
25 - 44		19	18	1	2	4	1	2	-	-	-	-	1	-	-	5	-
45 - 64		48	34	14	8	17	1	2	-	-	-	-	1	-	2	10	-
65 & Over		224	86	138	-	204	-	-	-	-	-	-	9	-	-	7	-

* Includes 1 with age not stated.

TABLE 6E - ACCIDENTAL DEATHS BY CAUSE AND COUNTY OF RESIDENCE
MICHIGAN, 1960

(By place of residence. Cause of death classified according to Seventh Revision of International List, 1955, Intermediate List of 150 Causes.
Rates per 100,000 population.)

COUNTY	TOTAL		AE138 Motor vehicle accidents	AE139 Other transport accidents	AE140 Accidental poisoning	AE141 Accidental falls	AE142 Accident caused by machinery	AE143 Accident caused by fire & explosion of combustible material	AE144 Accident caused by hot substance, corrosive liquid, steam & radiation	AE145 Accident caused by firearm	AE146 Accidental drowning & submersion	AE147 All other accidental causes
	Number	Rate										
STATE	3,688	47.1	1,710	120	97	805	65	237	17	46	199	392
Alcona	1	15.7	-	-	-	-	-	-	-	-	-	1
Alger	11	118.9	6	-	-	1	-	-	-	1	2	1
Allegan	38	65.8	18	1	2	9	1	-	-	2	1	4
Alpena	30	105.1	12	-	-	9	-	4	-	-	1	4
Antrim	7	67.5	4	-	-	1	1	1	-	-	-	-
Arenac	6	60.9	3	-	-	-	-	-	1	-	1	1
Baraga	8	111.9	2	1	-	2	-	-	-	1	-	1
Barry	28	88.2	11	1	-	10	1	1	-	-	1	3
Bay	47	43.9	23	1	-	13	-	2	-	1	2	5
Benzie	6	76.6	1	1	-	2	-	1	-	-	-	1
Berrien	74	49.4	41	1	-	15	2	5	-	2	4	4
Branch	35	100.3	22	1	-	5	3	1	-	-	-	3
Calhoun	83	59.8	31	4	2	19	1	10	-	1	4	11
Cass	21	56.9	10	-	-	1	3	-	-	2	1	4
Charlevoix	10	74.5	3	-	-	4	-	-	-	-	-	3
Cheboygan	7	48.1	2	1	-	2	-	1	-	-	-	1
Chippewa	28	85.7	10	1	-	7	-	6	-	-	2	2
Clare	7	60.1	4	-	-	-	-	-	-	2	-	1
Clinton	17	44.8	10	-	-	4	1	-	-	-	2	-
Crawford	1	20.1	-	-	-	-	-	-	-	-	-	1
Delta	21	61.2	4	2	-	9	2	1	-	-	-	3
Dickinson	11	46.0	5	1	-	4	-	-	-	-	1	-
Eaton	25	50.3	4	1	-	5	1	6	1	2	3	2
Emmet	13	81.7	5	1	-	3	-	-	-	-	2	2
Genesee	172	46.0	103	6	7	20	1	4	-	2	10	19
Gladwin	4	37.1	4	-	-	-	-	-	-	-	-	-
Gogebic	18	73.9	7	-	-	5	-	1	-	-	1	3
Grand Traverse	13	38.8	5	1	1	4	-	-	-	-	1	1
Gratiot	25	67.5	15	1	1	6	1	-	-	-	-	1
Hillsdale	26	74.8	14	-	-	4	3	1	-	1	-	3
Houghton	25	70.1	8	-	-	7	2	1	-	-	-	7
Huron	29	85.3	15	-	1	5	2	-	-	-	-	6
Ingham	97	45.9	42	3	3	23	1	9	-	3	6	7
Ionia	23	53.3	14	-	-	4	1	1	-	1	1	2
Iosco	13	78.8	4	3	-	1	1	1	-	1	-	2
Iron	16	93.1	6	-	1	2	-	2	-	-	1	4
Isabella	18	50.9	4	-	-	6	1	1	-	1	1	5
Jackson	60	45.5	34	1	-	13	-	6	-	-	2	4
Kalamazoo	77	45.4	41	1	1	20	-	3	1	1	6	3
Kalkaska	4	91.3	2	-	-	1	1	-	-	-	-	-
Kent	159	43.8	65	8	-	35	-	13	-	2	14	22
Keweenaw	1	41.4	-	1	-	-	-	-	-	-	-	-
Lake	7	131.1	2	1	-	1	-	1	-	1	-	1
Lapeer	23	54.9	11	3	1	3	-	-	-	-	1	4
Leelanau	7	75.1	1	-	1	1	-	2	-	-	1	1
Lenawee	49	63.0	20	3	-	12	3	5	-	-	2	4
Livingston	34	88.9	11	2	1	9	1	6	-	-	-	4
Luce	8	102.2	3	1	1	-	-	1	-	1	1	-
Mackinac	8	73.7	5	1	-	-	-	-	-	-	-	2
Macomb	130	32.0	56	6	5	18	4	7	-	3	10	21
Manistee	19	99.8	10	2	-	4	-	1	-	-	-	2
Marquette	37	65.9	12	3	1	11	-	2	-	-	2	6
Mason	11	50.2	7	1	-	1	-	-	-	-	-	1
Mecosta	10	47.5	5	1	-	2	1	-	-	-	-	1
Menominee	17	68.9	5	-	-	6	1	-	-	2	2	1
Midland	26	50.5	17	-	-	3	-	-	-	-	3	3
Missaukee	4	59.0	3	-	1	-	-	-	-	-	-	-
Monroe	62	61.3	30	1	1	11	1	4	1	1	5	7
Montcalm	32	89.4	16	1	-	8	-	1	-	-	-	6
Montmorency	3	67.8	2	-	1	-	-	-	-	-	-	-
Muskegon	71	47.4	30	1	1	13	1	13	-	-	6	6
Newaygo	12	49.7	5	-	-	5	-	1	-	-	-	1
Oakland	281	40.7	150	12	11	42	2	5	2	3	19	35
Oceana	9	54.4	2	-	-	-	1	-	1	2	2	3
Ogemaw	6	62.0	2	-	-	1	-	-	1	-	-	2
Ontonagon	10	94.5	5	-	-	2	1	-	-	1	1	-
Oscoda	13	95.6	7	-	-	-	-	5	-	-	1	-
Oscoda	1	29.0	1	-	-	-	-	-	-	-	-	-
Otsego	1	13.3	-	-	-	-	-	1	-	-	-	-
Ottawa	44	44.6	22	-	1	10	-	-	-	5	5	5
Presque Isle	7	53.4	5	-	-	1	-	1	-	-	-	-
Roscommon	3	41.7	2	-	-	1	-	-	-	-	-	-
Saginaw	90	47.2	46	1	3	20	-	6	2	4	5	3
St. Clair	65	60.6	29	3	2	20	-	2	1	-	3	5
St. Joseph	19	44.9	8	1	-	3	-	-	-	3	3	4
Sanilac	21	65.0	13	-	1	2	2	1	1	-	-	1
Schooicraft	10	111.7	4	-	-	3	-	-	-	-	2	1
Shiawassee	33	61.7	21	2	1	3	1	-	-	2	2	2
Tuscola	34	78.5	18	1	-	7	2	1	-	-	3	2
Van Buren	41	84.7	24	-	2	7	1	1	-	1	1	4
Washtenaw	78	45.2	39	-	5	18	-	4	-	1	3	8
Wayne	1,032	38.7	445	30	39	276	13	80	5	3	45	96
Wexford	5	27.1	2	-	-	1	-	-	-	-	-	2

TABLE 7A - DEATHS BY INTERMEDIATE LIST OF CAUSES, SEX, COLOR, AND AGE
MICHIGAN 1960

(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. Rate per 100,000 population.)

TABLE 7A - DEATHS BY INTERMEDIATE LIST OF CAUSES, SEX, COLOR, AND AGE (Continued)

TABLE 7A - DEATHS BY INTERMEDIATE LIST OF CAUSES, SEX, COLOR, AND AGE (Continued)

TABLE 7B - DEATHS BY DETAILED LIST OF CAUSES, SEX, COLOR, AND AGE
MICHIGAN 1960

(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.)

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL Number	SEX Male Female	AGE AT DEATH												
				INFECTIVE			NON- WHITE			INFECTIVE						
				Under 1	Under 1	1-4	Under 1	Under 1	1-4	5-10	10-14	15-19	20-24	25-29	30-34	
Diseases attributable to viruses (80-96)		118	1.5	53	65	14				1	19	18	7	4	4	9
Acute poliomyelitis	080	4	0.1	2	2	1				1	1	1	-	-	-	-
Specified as bulbar or polio- encephalitis	.3	2	0.0	1	1	1				1	1	1	-	-	-	-
Unspecified		6	0.1	4	2	1				1	2	1	-	-	-	-
Late effects of acute poliomyelitis	081	24	0.3	8	16	1				6	5	1	-	-	-	-
Acute infectious encephalitis	082	1	0.0	1	1	1				1	1	1	2	1	2	1
Lymphocytic choriomeningitis	.1	2	1.0	7	15	1				5	5	1	-	-	-	-
Lethargic encephalitis	.3	22	0.3	7	15	1				5	5	1	2	1	2	1
Other and unspecified																
Late effects of acute infectious encephalitis, other	083	1	0.0	1	1	1				5	1	1	-	-	-	-
Measles	085	17	0.2	10	7	5				5	8	2	-	-	-	-
Without mention of pneumonia	.0	8	0.1	4	3	1				1	5	1	-	-	-	-
With pneumonia	.1	9	0.1	6	3	2				4	3	1	-	-	-	-
Chickenpox	087	5	0.1	2	3	1				2	1	1	-	-	-	-
Herpes zoster	088	3	0.0	2	3	1				1	2	1	2	1	2	1
Mumps	089	3	0.0	2	1	1				1	2	1	2	1	2	1
Infectious hepatitis	092	42	0.5	17	25	6				1	2	3	-	-	-	-
Glandular fever (infectious mononucleosis)	093	1	0.0	1	1	1				1	2	1	-	-	-	-
Other diseases attributable to viruses	096	12	0.2	7	5	1				1	5	2	-	-	-	-
Foot and mouth disease	.6	1	0.1	7	4	1				1	4	2	-	-	-	-
Other	.9	11	0.1	7	4	1				1	4	2	-	-	-	-
Malaria (110-117)		1	0.0	1	1	1				1	1	1	-	-	-	-
Other and unspecified forms of malaria	116	1	0.0	1	1	1				1	1	1	-	-	-	-
Other infective and parasitic diseases (120-138)		22	0.3	14	8	2				1	1	1	2	2	5	4
Hydatid disease	125	1	0.0	1	1	1				1	1	1	-	-	-	-
Actinomycosis	132	2	0.0	1	1	1				1	1	1	-	-	-	-
Other fungus infections	134	6	0.1	6	1	1				1	1	1	-	-	-	-
Cryptococcosis (coccidioides)	.1	1	0.0	1	1	1				1	1	1	-	-	-	-
Histoplasmosis	.2	3	0.0	3	1	1				1	1	1	-	-	-	-
Moniliasis	.3	1	0.0	1	1	1				1	1	1	-	-	-	-
Other	.5	1	0.0	1	1	1				1	1	1	2	3	1	1
Other infective and parasitic diseases	138	13	0.2	6	7	2				1	1	1	2	3	2	1
Sarcoid of Boeck	.0	10	0.1	3	7	2				1	1	1	1	1	1	1
Other	.1	3	0.0	3	1	1				1	1	1	1	1	1	1
 II Neoplasms																
Malignant neoplasm of buccal cavity and pharynx (140-148)		261	3.3	217	44	15				1	4	7	16	29	35	34
Lip	140	11	0.1	10	1	1				1	1	1	-	-	2	3
Lower	.1	5	0.1	4	1	1				1	1	1	-	-	1	1
Unspecified (including commissure)	.9	6	0.1	6	1	1				2	3	9	8	13	14	5
Tongue	141	68	0.9	58	10	5				2	3	2	1	2	7	1
Base	.0	3	0.0	2	1	1				2	3	7	8	12	14	5
Part unspecified	.9	65	0.8	56	9	4				1	1	1	1	3	1	4
Salivary gland	142	14	0.2	10	4	1				1	1	1	1	1	1	1
Parotid gland	.0	8	0.1	5	3	1				1	1	1	1	1	1	1
Other	.7	5	0.1	4	1	1				1	1	1	1	1	1	1
Unspecified	.9	1	0.0	1	1	1				1	1	1	1	1	1	1
Floor of mouth	143	21	0.3	17	4	2				1	2	4	2	3	4	2
Other parts of mouth, and of mouth, unspecified																
Oral mesopharynx	144	39	0.5	32	7	3				1	2	2	5	6	7	2
Tonsil (excluding pillars)	.0	25	0.3	23	2	1				1	1	1	4	1	5	4
Other specified parts	145	26	0.3	24	2	1				1	1	1	4	1	3	1
Nasopharynx	146	17	0.2	13	4	1				1	2	3	3	3	1	1
Hypopharynx	147	16	0.2	14	2	1				1	6	6	5	4	5	8
Pharynx, unspecified	148	49	0.6	39	10	4				1	6	6	5	4	5	8
Malignant neoplasm of digestive organs and peritoneum (150-159)		3,935	50.3	2,229	1,706	304				1	18	32	153	273	393	658
Esophagus	150	195	2.5	160	35	28				1	2	3	11	21	28	40
Stomach	151	970	12.4	656	314	92				1	1	1	15	38	49	105
Small intestine, including duodenum	152	35	0.4	24	11	2				1	2	4	3	172	157	169
Duodenum	.0	14	0.2	9	5	1				1	1	1	1	1	5	3
Other specified parts of small intestine	.7	11	0.1	7	4	1				1	1	1	1	1	3	2
Part unspecified	.9	10	0.1	8	2	1				1	1	1	1	1	3	1

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL		SEX		NON- WHITE		INFANT		AGE AT DEATH																				
		Number	Rate	Male	Female	Under 1 Day	Under 1 Week	Under 28 Days	1 Year	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	Not stat- ted over	
Malignant neoplasm of digestive organs and peritoneum (continued)																														
Large intestine, except rectum	153	1,197	15.3	547	650	63	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Cecum, appendix, and ascending colon	.0	199	2.5	85	114	11	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Transverse colon, including hepatic and splenic flexures	.1	82	1.0	33	49	3	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Descending colon	.2	48	0.6	21	27	2	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Sigmoid colon	.3	300	3.8	145	153	14	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Multiple parts of large intestine	.7	4	0.1	4	-	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Large intestine (including colon), part unspecified	.8	492	6.3	225	267	33	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Intestinal tract, part unspecified	.9	72	0.9	34	38	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Rectum	154	440	5.6	236	204	28	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Biliary passages and of liver (stated to be primary site)	155	276	3.5	106	170	22	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Liver	.0	71	0.9	43	28	11	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Gallbladder and extrahepatic gall ducts, including ampulla of Vater										1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Multiple sites	.1	202	2.6	61	141	11	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Liver (secondary and unspecified)	.8	195	2.5	99	96	9	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Not stated whether primary or secondary	.1	165	2.1	82	83	6	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Secondary	.2	30	0.4	17	13	3	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Pancreas	157	570	7.3	372	198	55	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Peritoneum	158	34	0.4	14	20	3	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Unspecified digestive organs	159	23	0.3	15	8	2	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Malignant neoplasm of respiratory system (160-165)		1,756	22.4	1,538	218	136	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Nose, nasal cavities, middle ear, and accessory sinuses	160	29	0.4	20	9	3	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Nose (internal) and nasal cavities	.0	11	0.1	8	3	2	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Eustachian tube and middle ear	.1	4	0.1	4	1	1	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Maxillary sinus	.2	12	0.2	8	4	1	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other specified sinus (accessory)	.9	1	0.0	1	1	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Larynx	161	105	1.3	95	10	13	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Bronchus and trachea, and of lung specified as primary	162	658	8.4	611	47	53	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Bronchus and lung	.0	5	0.1	3	2	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Lung, unspecified as to whether primary or secondary	.1	653	8.3	608	45	53	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Medastinum	163	918	11.7	783	135	63	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Thoracic organs (secondary)	164	12	0.2	7	5	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Breast	165	34	0.4	22	12	4	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Malignant neoplasm of breast and genito-urinary organs (170-181)																														
Corpus uteri	170	985	41.7	1,084	2,178	280	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other parts of uterus, including chorionepithelium	171	378	4.8	-	378	60	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Ovary, unspecified	172	46	0.6	-	46	6	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Ovarian tube, and broad ligament	173	7	0.1	-	7	3	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Fallopian tube and broad ligament	174	189	2.4	-	189	20	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Multiple sites	175	353	4.5	-	353	26	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Site unspecified	.9	1	0.0	-	1	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other and unspecified female genital organs	176	30	0.4	-	30	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Vagina	.1	11	0.1	-	11	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Multiple sites	177	606	7.7	-	606	54	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Tearis	178	29	0.4	-	29	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other and unspecified male genital organs	179	13	0.2	-	13	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Penis	0	12	0.2	-	12	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other specified sites	.7	1	0.0	-	1	-	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Kidney	180	228	2.9	-	227	91	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Bladder and other urinary organs	181	398	5.1	-	392	106	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Other urinary organs	.7	7	0.1	-	7	2	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		
Multiple sites	.8	7	0.1	-	7	2	-	-	-	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		

TABLE 73 - DEATHS BY DETAILED LIST OF CAUSES, SEX, COLOR, AND AGE (Continued)

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

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

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL	SEX	AGE AT DEATH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Infant			Under 1 Year			1-5			5-10			10-15			15-20			20-25			25-30			30-35			35-40			40-45			45-50			50-55			55-60			60-65			65-70			70-75			75-80			80-85			85-90			90-95			Not and Stat- uted																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Number	Rate	Male	Female	Non- White	Under 1 Day	Under 1 Week	Under 28 Days	Under 1 Year	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	171	174	177	180	183	186	189	192	195	198	201	204	207	210	213	216	219	222	225	228	231	234	237	240	243	246	249	252	255	258	261	264	267	270	273	276	279	282	285	288	291	294	297	300	303	306	309	312	315	318	321	324	327	330	333	336	339	342	345	348	351	354	357	360	363	366	369	372	375	378	381	384	387	390	393	396	399	402	405	408	411	414	417	420	423	426	429	432	435	438	441	444	447	450	453	456	459	462	465	468	471	474	477	480	483	486	489	492	495	498	501	504	507	510	513	516	519	522	525	528	531	534	537	540	543	546	549	552	555	558	561	564	567	570	573	576	579	582	585	588	591	594	597	590	593	596	599	602	605	608	611	614	617	620	623	626	629	632	635	638	641	644	647	650	653	656	659	662	665	668	671	674	677	680	683	686	689	692	695	698	701	704	707	710	713	716	719	722	725	728	731	734	737	740	743	746	749	752	755	758	761	764	767	770	773	776	779	782	785	788	791	794	797	800	803	806	809	812	815	818	821	824	827	830	833	836	839	842	845	848	851	854	857	860	863	866	869	872	875	878	881	884	887	890	893	896	899	902	905	908	911	914	917	920	923	926	929	932	935	938	941	944	947	950	953	956	959	962	965	968	971	974	977	980	983	986	989	992	995	998	1001	1004	1007	1010	1013	1016	1019	1022	1025	1028	1031	1034	1037	1040	1043	1046	1049	1052	1055	1058	1061	1064	1067	1070	1073	1076	1079	1082	1085	1088	1091	1094	1097	1100	1103	1106	1109	1112	1115	1118	1121	1124	1127	1130	1133	1136	1139	1142	1145	1148	1151	1154	1157	1160	1163	1166	1169	1172	1175	1178	1181	1184	1187	1190	1193	1196	1199	1202	1205	1208	1211	1214	1217	1220	1223	1226	1229	1232	1235	1238	1241	1244	1247	1250	1253	1256	1259	1262	1265	1268	1271	1274	1277	1280	1283	1286	1289	1292	1295	1298	1301	1304	1307	1310	1313	1316	1319	1322	1325	1328	1331	1334	1337	1340	1343	1346	1349	1352	1355	1358	1361	1364	1367	1370	1373	1376	1379	1382	1385	1388	1391	1394	1397	1400	1403	1406	1409	1412	1415	1418	1421	1424	1427	1430	1433	1436	1439	1442	1445	1448	1451	1454	1457	1460	1463	1466	1469	1472	1475	1478	1481	1484	1487	1490	1493	1496	1499	1502	1505	1508	1511	1514	1517	1520	1523	1526	1529	1532	1535	1538	1541	1544	1547	1550	1553	1556	1559	1562	1565	1568	1571	1574	1577	1580	1583	1586	1589	1592	1595	1598	1601	1604	1607	1610	1613	1616	1619	1622	1625	1628	1631	1634	1637	1640	1643	1646	1649	1652	1655	1658	1661	1664	1667	1670	1673	1676	1679	1682	1685	1688	1691	1694	1697	1700	1703	1706	1709	1712	1715	1718	1721	1724	1727	1730	1733	1736	1739	1742	1745	1748	1751	1754	1757	1760	1763	1766	1769	1772	1775	1778	1781	1784	1787	1790	1793	1796	1799	1802	1805	1808	1811	1814	1817	1820	1823	1826	1829	1832	1835	1838	1841	1844	1847	1850	1853	1856	1859	1862	1865	1868	1871	1874	1877	1880	1883	1886	1889	1892	1895	1898	1901	1904	1907	1910	1913	1916	1919	1922	1925	1928	1931	1934	1937	1940	1943	1946	1949	1952	1955	1958	1961	1964	1967	1970	1973	1976	1979	1982	1985	1988	1991	1994	1997	2000	2003	2006	2009	2012	2015	2018	2021	2024	2027	2030	2033	2036	2039	2042	2045	2048	2051	2054	2057	2060	2063	2066	2069	2072	2075	2078	2081	2084	2087	2090	2093	2096	2099	2102	2105	2108	2111	2114	2117	2120	2123	2126	2129	2132	2135	2138	2141	2144	2147	2150	2153	2156	2159	2162	2165	2168	2171	2174	2177	2180	2183	2186	2189	2192	2195	2198	2201	2204	2207	2210	2213	2216	2219	2222	2225	2228	2231	2234	2237	2240	2243	2246	2249	2252	2255	2258	2261	2264	2267	2270	2273	2276	2279	2282	2285	2288	2291	2294	2297	2300	2303	2306	2309	2312	2315	2318	2321	2324	2327	2330	2333	2336	2339	2342	2345	2348	2351	2354	2357	2360	2363	2366	2369	2372	2375	2378	2381	2384	2387	2390	2393	2396	2399	2402	2405	2408	2411	2414	2417	2420	2423	2426	2429	2432	2435	2438	2441	2444	2447	2450	2453	2456	2459	2462	2465	2468	2471	2474	2477	2480	2483	2486	2489	2492	2495	2498	2501	2504	2507	2510	2513	2516	2519	2522	2525	2528	2531	2534	2537	2540	2543	2546	2549	2552	2555	2558	2561	2564	2567	2570	2573	2576	2579	2582	2585	2588	2591	2594	2597	2600	2603	2606	2609	2612	2615	2618	2621	2624	2627	2630	2633	2636	2639	2642	2645	2648	2651	2654	2657	2660	2663	2666	2669	2672	2675	2678	2681	2684	2687	2690	2693	2696	2699	2702	2705	2708	2711	2714	2717	2720	2723	2726	2729	2732	2735	2738	2741	2744	2747	2750	2753	2756	2759	2762	2765	2768	2771	2774	2777	2780	2783	2786	2789	2792	2795	2798	2801	2804	2807	2810	2813	2816	2819	2822	2825	2828	2831	2834	2837	2840	2843	2846	2849	2852	2855	2858	2861	2864	2867	2870	2873	2876	2879	2882	2885	2888	2891	2894	2897	2900	2903	2906	2909	2912	2915	2918	2921	2924	2927	2930	2933	2936	2939	2942	2945	2948	2951	2954	2957	2960	2963	2966	2969	2972	2975	2978	2981	2984	2987	2990	2993	2996	2999	3002	3005	3008	3011	3014	3017	3020	3023	3026	3029	3032	3035	3038	3041	3044	3047	3050	3053	3056	3059	3062	3065	3068	3071	3074	3077	3080	3083	3086	3089	3092	3095	3098	3101	3104	3107	3110	3113	3116	3119	3122	3125	3128	3131	3134	3137	3140	3143	3146	3149	3152	3155	3158	3161	3164	3167	3170	3173	3176	3179	3182	3185	3188	3191	3194	3197	3200	3203	3206	3209	3212	3215	3218	3221	3224	3227	3230	3233	3236	3239	3242	3245	3248	3251	3254	3257	3260	3263	3266	3269	3272	3275	3278	3281	3284	3287	3290	3293	3296	3299	3302	3305	3308	3311	3314	3317	3320	3323	3326	3329	3332	3335	3338	3341	3344	3347	3350	3353	3356	3359	3362	3365	3368	3371	3374	3377	3380	3383	3386	3389	3392	3395	3398	3401	3404	3407	3410	3413	3416	3419	3422	3425	3428	3431	3434	3437	3440	3443	3446	3449	3452	3455	3458	3461	3464	3467	3470	3473	3476	3479	3482	3485	3488	3491	3494	3497	3500	3503	3506	3509	3512	3515	3518	3521	3524	3527	3530	3533	3536	3539	3542	3545	3548	3551	3554	3557	3560	3563	3566	3569	3572	3575	3578	3581	3584	3587	3590	3593	3596	3599	3602	3605	3608	3611	3614	3617	3620	3623	3626	3629	3632	3635	3638	3641	3644	3647	3650	3653	3656	3659	3662	3665	3668	3671	3674	3677	3680	3683	3686	3689	3692	3695	3698	3701	3704	3707	3710	3713	3716	3719	3722	3725	3728	3731	3734	3737	3740	3743	3746	3749	3752	3755	3758	3761	3764	3767	3770	3773	3776	3779	3782	3785	3788

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

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL Number	SEX Male Rate	Female Rate	AGE AT DEATH																								
					INFANT						CHILDHOOD												ADULT						
					NON- WHITE	Under 1 Day	Under 1 Week	Under 1 Month	Under 1 Year	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	90-94	Not stated over
Other diseases of intestines and peritoneum (continued)																													
Gastro-enteritis and colitis, except ulcerative, age 4 weeks and over	571	111	1.4	53	58	22	-	-	-	54	14	3	1	-	-	1	2	1	5	4	2	6	4	5	4	4	-		
Ages between 4 weeks and 2 years	64	0.8	31	33	18	-	-	-	54	10	-	-	-	-	-	1	2	1	5	4	2	6	4	5	4	4	-		
Ages 2 years and over	47	0.6	22	25	4	-	-	-	54	4	3	1	-	-	1	2	1	5	4	2	6	4	5	4	4	-			
Chronic enteritis and ulcerative colitis	572	160	2.0	78	82	9	-	-	1	3	-	-	1	-	1	2	1	7	9	7	15	16	22	14	25	14	10	2	-
Regional enteritis	572	0.0	10	5	1	-	-	-	1	1	-	-	1	-	1	2	1	1	1	1	1	1	1	1	1	1	1	-	
Diverticulitis	572	1.1	1.2	45	46	3	-	-	1	1	-	-	1	-	1	2	1	3	4	3	4	4	4	1	1	1	1	-	
Ulcerative colitis	572	0.2	22	25	3	-	-	-	1	1	-	-	1	-	1	2	1	3	4	3	4	4	4	3	3	1	1	-	
Other	572	0.1	1	6	1	-	-	-	1	1	-	-	1	-	1	2	1	3	4	3	4	4	4	3	3	1	1	-	
Functional disorders of intestines, mucous colitis	573	1	0.0	1	1	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Abscess of anal and rectal regions	575	2	0.0	1	1	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Paroxysms	576	13	0.2	5	8	2	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other diseases of intestines and peritoneum	578	78	1.0	53	25	6	-	1	2	3	-	-	1	-	1	2	1	3	3	4	9	11	18	11	7	1	-		
Diseases of liver, gallbladder, and pancreas (580-587)	580	1,275	16.3	777	498	102	-	1	5	14	10	6	9	4	7	9	33	52	79	132	163	148	129	159	146	95	50	24	6
Acute and subacute yellow atrophy of liver	581	113	0.2	4	9	3	-	-	1	1	-	-	1	-	1	2	1	5	21	37	63	109	141	116	84	116	1	1	-
Cholangitis of liver	581	840	10.7	572	288	66	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
Without mention of alcoholism	581	595	7.6	400	195	45	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
With alcoholism and liver abscess	582	245	3.1	172	73	21	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Suppurative hepatitis and liver abscess	583	3	0.0	2	1	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other diseases of liver	583	18	0.2	11	7	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Cholelithiasis	584	153	2.0	58	95	6	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Cholecystitis and cholangitis, without mention of calculus	585	85	1.1	38	47	4	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Other diseases of gallbladder and biliary ducts	586	21	0.3	12	9	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Diseases of pancreas	587	142	1.8	80	20	1	-	-	1	5	13	9	5	7	4	1	2	6	12	9	14	16	12	9	11	5	2	-	
Acute pancreatitis	587	82	1.0	49	33	15	-	-	1	1	-	-	1	-	1	1	1	1	2	7	7	7	7	7	7	2	-		
Chronic pancreatitis	587	15	0.2	10	5	3	-	-	1	1	-	-	1	-	1	1	1	1	2	1	1	1	1	1	1	1	-		
Other, except fibrocytic disease	587	6	0.1	3	3	1	-	-	1	2	-	-	1	-	1	1	1	1	2	1	1	1	1	1	1	1	-		
Cystic fibrosis	587	39	0.5	18	21	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	-			
X Diseases of the genito-urinary system																													
Nephritis and nephrosis (590-594)	590	525	6.7	305	220	70	-	-	-	2	2	8	4	9	13	17	16	18	23	24	36	32	51	56	62	58	38	35	21
Acute nephritis	591	17	0.2	8	9	2	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
Nephritis with edema, including nephrosis	591	36	0.5	26	10	5	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
Chronic nephritis	592	365	4.7	214	151	52	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
Nephritis not specified as acute or chronic	593	104	1.3	55	49	11	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other renal sclerosis	594	3	0.0	2	1	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other diseases of urinary system (600-609)	600	304	3.9	171	133	50	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Infections of kidney and ureter	601	198	2.5	101	97	36	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Pyelonephritis, pyelocystitis, and other diseases of kidney and perirenal tissue	601	195	2.5	99	96	35	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other	601	12	0.2	10	2	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Hydrocephrosis	602	42	0.5	21	21	3	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Calculus of kidney and ureter	603	603	0.1	7	4	3	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Other diseases of kidney and ureter	604	7	0.1	5	10	3	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Calculus of other parts of urinary system	605	13	0.2	10	3	2	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Cystitis	606	8	0.1	5	3	2	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Other diseases of bladder	608	8	0.1	8	3	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Structure of urethra	609	5	0.1	4	1	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Other diseases of urethra	610	4	0.1	4	4	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Diseases of male genital organs (510-617)	223	2.9	223	-	18	-	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Hypoplasia of prostate	610	199	2.5	199	-	17	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Prostatitis	611	13	0.2	13	-	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Other diseases of prostate	612	3	0.0	3	-	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Hydrocole	613	1	0.0	1	-	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Orchitis and epididymitis	614	2	0.0	2	-	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Redundant prepuce and phimosis	615	1	0.0	1	-	1	-	-	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	-		
Other diseases of male genital organs	617	4	0.1	4	-	1	-	-	1	1	-	-	1	-	1	1</													

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

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

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

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

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL	SEX	AGE AT DEATH																											
				Number	Rate	Male	Female	NON- WHITE	Infant	Under 1 Day	Under 1 Week	Under 1 Year	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	90-94 and start- over
Other road vehicle accidents (E840-E845)	E842	8	0.1	7	1	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
To pedestrian caused by pedal cycle	E843	2	0.0	1	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
To rider of pedal cycle not involving collision with motor vehicle	E844	3	0.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
To pedestrian caused by other non-motor road vehicle	E845	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other non-motor road vehicle accidents	E850	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Water transport accidents (E850-E858)	E851	55	0.7	51	4	8	-	-	-	-	-	-	1	2	2	6	6	10	2	8	3	5	7	2	2	-	-	-	-	-	
Submersion of occupant of small boat	E852	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other water transport injury by submersion	E853	4	0.1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other specified accidents	E860	31	0.4	29	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aircraft accidents (E860-E866)	E861	5	0.1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
To personnel in military aircraft	E863	11	0.1	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Injury to occupant by accident to commercial "transport" aircraft	E866	12	0.2	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Injury to occupant by accident to other specified aircraft	E870	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other and unspecified	E871	7	0.1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accidental poisoning by solid and liquid substances (E870-E888)	E872	7	0.1	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morphine and other opium derivatives, home	E873	0	0.0	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barbituric acid and derivatives	E874	0	0.0	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E875	3	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aspirin and salicylates	E876	0	0.0	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E877	4	0.1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E878	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromides, home	E879	1	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other analgesic and soporific drugs, home	E880	7	0.1	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other and unspecified drugs, place not specified	E881	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Noxious foodstuffs, place not specified	E882	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alcohol	E883	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E884	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E885	2	0.0	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic and antimony, and their compounds, home	E886	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other and unspecified acids, alkalis, and caustic substances, home	E887	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead and its compounds	E888	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E889	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E890	58	0.7	43	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accidental poisoning by gases and vapors (E890-E895)	E891	31	0.4	22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Utility (Illuminating) gas	E892	5	0.1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E893	6	0.1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public building	E894	5	0.1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other specified places	E895	8	0.1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other carbon monoxide gas	E896	0	0.0	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E897	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Motor vehicle exhaust gas	E898	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Street and highway	E899	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public building	E900	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other specified places	E901	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other carbon monoxide gas	E902	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E903	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place for recreation and sport	E904	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public building	E905	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other specified gases and vapors	E906	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E907	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Street and highway	E908	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public building	E909	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E910	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unspecified gases and vapors, other specified places	E911	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E912	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place not specified	E913	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unspecified gases and vapors, other specified places	E914	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E915	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Street and highway	E916	0	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public building	E917	0	0.0	1	1	-	-</td																								

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL	SEX	AGE AT DEATH																																
				Under	Under	Under	Under	1 Day	1 Week	28 Days	1 Year	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	99	100			
Accidental falls (E900-E904)																																				
Fall on stairs	E900	805	10.3	391	414	44																														
Home		99	1.3	62	37	8																														
Street and highway		83	1.1	52	31	8																														
Public building		2	0.0	2	2	0																														
Resident institution		6	0.1	7	7	2																														
Other specified places		7	1	1	1	1																														
Place not specified		8	2	0.0	1	1																														
Fall from ladders	E901	9	2	0.0	1	1																														
Home		17	0.2	15	2	1																														
Farm		0	12	0.2	10	2																														
Industrial place and premises		3	1	2	0.0	2																														
Public building		2	0.0	1	1	1																														
Other falls from one level to another	E902	6	1.4	77	30	8																														
Home		107	1.4	77	30	8																														
Farm		42	0.5	28	14	6																														
Mine and quarry		1	0.1	5	1	1																														
Industrial place and premises		3	12	0.2	12	12																														
Place for recreation and sport		4	1	0.0	1	1																														
Street and highway		5	1	0.0	1	1																														
Public building		6	0.1	5	1	1																														
Resident institution		6	0.1	5	1	1																														
Other specified places		8	13	0.2	11	2	1																													
Place not specified	E903	9	6	0.1	4	2	1																													
Fall on same level		86	1.1	40	46	5																														
Home		41	0.5	11	30	1																														
Street and highway		21	0.3	17	4	2																														
Public building		6	0.1	5	1	1																														
Resident institution		20	0.3	9	11	2																														
Place not specified	E904	9	6	0.1	4	1																														
Fall on same level		178	2.3	53	125	10																														
Home		12	0.2	2	0.0	2																														
Farm		1	0.1	1	0.0	1																														
Mine and quarry		3	0.0	3	0.0	3																														
Industrial place and premises		4	1	0.0	1	1																														
Place for recreation and sport		5	13	0.2	12	1	3																													
Street and highway		11	0.1	10	10	1																														
Public building		6	0.1	6	6	1																														
Resident institution		7	62	0.8	23	39	2																													
Others specified places		8	9	0.1	9	132	6																													
Place not specified	E910	9	216	2.8	84	102	4	7	15	115	93	71	50	41	28	42	49	34	46	52	42	38	24	26	17	7	8	1								
Other accidents (E910-E936)		889	11.4	649	240	102	4	7	15	115	93	71	50	41	28	42	49	34	46	52	42	38	24	26	17	7	8	1								
Blow from falling or projected object or missile		36	0.5	35	1	1																														
Home		8	0.1	7	1	1																														
Farm		3	0.0	3	0.0	3																														
Mine and quarry		2	0.1	5	4	0.1	4																													
Industrial place and premises		4	0.0	2	0.0	2																														
Place for recreation and sport		5	1	0.0	1	1																														
Street and highway		2	0.0	2	0.0	2																														
Public building		6	0.1	6	0.0	2																														
Other specified places		9	3	0.0	3	0.0	3																													
Place not specified	E913	3	0.0	3	0.0	3																														
Instruments		0	2	0.0	2	0.0	2																													
Home		1	0.0	1	0.0	1																														
Caused by electric current	E914	28	0.4	21	7	1																														
Home		10	0.1	6	4	1																														
Farm		27	0.3	25	2	1																														
Mine and quarry		2	0.1	2	0.0	2																														
Industrial place and premises		4	0.1	4	0.1	4																														
Street and highway		5	2	0.0	2	0.0	2																													
Public building		6	0.1	6	0.0	2																														

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

CAUSE OF DEATH INT. LIST NO.	TOTAL Number	SEX Rate	Male Female NON- WHITE	AGE AT DEATH														
				Infant			Under 1 Year			1 to 4 Years			5 to 14 Years			15 to 24 Years		
				Under	Under	Under	1	5	10	15	20	25	30	35	40	45	50	
Other accidents (continued)																		
Caused by fire and explosion of combustible material																		
Home	E916	.0	237	3.0	133	104	50	-	-	8	42	23	10	9	18	13	17	8
Farm		.6	204	2.6	106	100	45	-	-	8	40	20	10	9	8	7	5	4
Industrial place and premises		.1	6	0.1	6	6	-	-	-	2	2	-	-	-	-	-	-	-
Place for recreation and sport		.4	1	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Street and highway		.5	2	0.0	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Public building		.6	9	0.1	7	2	-	-	-	-	-	-	-	-	-	-	-	-
Other specified places		.8	3	0.0	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Place not specified		.9	6	0.1	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Caused by hot substance, corrosive liquid, and steam	E917	.0	17	0.2	11	6	4	-	-	1	4	-	-	-	-	-	-	-
Home		.9	9	0.1	4	5	-	-	-	1	3	-	-	-	-	-	-	-
Mine and quarry		.2	1	0.0	1	1	-	-	-	1	1	-	-	-	-	-	-	-
Industrial place and premises		.3	1	0.0	1	1	-	-	-	1	1	-	-	-	-	-	-	-
Place for recreation and sport		.4	1	0.0	1	1	-	-	-	1	1	-	-	-	-	-	-	-
Street and highway		.5	3	0.0	2	1	-	-	-	1	1	-	-	-	-	-	-	-
Public building		.6	1	0.0	1	1	-	-	-	1	1	-	-	-	-	-	-	-
Place not specified		.9	2	0.0	1	1	-	-	-	1	1	-	-	-	-	-	-	-
Caused by firearm	E919	.0	46	0.6	36	10	2	1	-	1	7	12	5	4	3	2	1	-
Home		.0	25	0.3	20	5	1	-	-	1	5	7	4	1	1	1	1	-
Farm		.1	7	0.1	6	1	-	-	-	1	1	1	1	1	1	1	1	-
Industrial place and premises		.2	1	0.0	1	1	-	-	-	1	1	1	1	1	1	1	1	-
Place for recreation and sport		.3	1	0.0	1	1	-	-	-	1	1	1	1	1	1	1	1	-
Street and highway		.4	1	0.0	1	1	-	-	-	1	1	1	1	1	1	1	1	-
Other specified places		.5	3	0.0	2	1	-	-	-	1	1	1	1	1	1	1	1	-
Place not specified		.9	.8	3	0.0	2	1	-	-	1	1	1	1	1	1	1	1	-
Inhalation and ingestion of food causing obstruction or suffocation	E921	.0	89	0.1	59	30	5	2	4	7	42	8	1	2	3	1	1	1
Home		.29	0.4	16	13	3	-	1	2	19	3	1	-	-	-	1	1	-
Public building		.6	2	0.0	2	1	-	1	1	2	8	1	-	-	-	1	1	-
Resident institution		.7	13	0.2	9	4	-	1	1	1	2	1	-	-	-	1	1	-
Other specified places		.8	1	0.0	1	1	-	1	1	1	2	1	-	-	-	1	1	-
Place not specified		.9	.44	0.6	31	13	2	1	2	4	21	4	-	-	-	-	-	-
Inhalation and ingestion of other object causing obstruction or suffocation	E922	.0	20	0.3	12	8	-	-	-	1	3	11	2	4	-	-	-	-
Home		.11	0.1	7	4	-	-	-	1	2	8	1	2	-	-	1	1	-
Resident institution		.7	1	0.0	1	1	-	1	1	1	2	1	-	-	-	1	1	-
Place not specified		.9	.8	1	0.1	4	4	-	-	1	1	2	1	-	-	1	1	-
Foreign body entering other orifice	E923	.0	10	0.1	7	3	-	-	-	1	1	2	1	-	-	-	-	-
Home		.0	2	0.0	1	1	-	-	-	1	1	2	1	-	-	-	-	-
Other specified places		.8	1	0.0	1	1	-	-	-	1	1	2	1	-	-	1	1	-
Place not specified		.9	.8	1	0.1	4	4	-	-	1	1	2	1	-	-	1	1	-
Mechanical suffocation in bed and cradle	E924	.0	43	0.5	27	16	5	-	-	3	41	2	-	-	-	-	-	-
Home		.39	0.5	24	15	4	-	-	-	3	38	1	-	-	-	-	-	-
Resident institution		.1	1	0.0	1	1	-	-	-	1	1	2	1	-	-	-	-	-
Place not specified		.9	.3	0.0	2	1	-	-	-	1	1	2	1	-	-	-	-	-
Mechanical suffocation in other and unspecified circumstances	E925	.0	14	0.2	10	4	-	-	-	3	2	-	-	-	-	-	-	-
Home		.4	2	0.1	2	1	-	-	-	1	1	2	1	-	-	-	-	-
Street and highway		.5	2	0.0	2	1	-	-	-	1	1	2	1	-	-	-	-	-
Other specified places		.8	6	0.1	5	1	-	-	-	1	1	2	1	-	-	-	-	-
Place not specified		.9	.9	0.1	9	-	-	-	-	1	1	2	1	-	-	-	-	-
Caused by animals		.0	1	0.0	1	1	-	-	-	1	1	2	1	-	-	-	-	-
Home		.1	6	0.1	6	6	-	-	-	1	1	2	1	-	-	-	-	-
Other specified places		.3	1	0.0	1	1	-	-	-	1	1	2	1	-	-	-	-	-
Drowning and submersion	E929	.0	199	2.5	170	29	19	2	1	-	24	27	29	14	28	-	-	-
Home		.19	0.2	10	9	2	-	1	1	-	1	1	2	1	1	-	-	-
Mine and quarry		.2	8	0.1	7	1	-	1	1	-	1	1	2	1	1	-	-	-
Industrial place and premises		.3	2	0.0	2	1	-	1	1	-	1	1	2	1	1	-	-	-
Place for recreation and sport		.4	15	0.2	12	3	-	1	1	-	4	1	3	1	2	-	-	-
Street and highway		.5	1	0.0	1	1	-	1	1	-	1	1	2	1	1	-	-	-
Public building		.6	4	0.1	3	2	-	1	1	-	2	1	1	1	1	-	-	-
Resident institution		.7	1	0.0	1	1	-	1	1	-	1	1	2	1	1	-	-	-
Other specified places		.8	143	1.8	131	12	12	-	11	22	11	4	10	3	4	1	4	1
Place not specified		.9	4	0.1	4	4	-	1	1	-	1	1	2	1	1	1	1	1
Excessive cold	E932	.0	13	0.2	12	1	1	-	1	1	1	1	2	1	1	1	1	1
Home		.3	0.0	3	1	1	-	1	1	-	1	1	2	1	1	1	1	1
Place for recreation and sport		.4	2	0.0	2	1	-	1	1	-	1	1	2	1	1	1	1	1
Street and highway		.5	1	0.0	1	1	-	1	1	-	1	1	2	1	1	1	1	1
Public building		.6	4	0.1	3	2	-	1	1	-	1	1	2	1	1	1	1	1
Resident institution		.7	1	0.0	1	1	-	1	1	-	1	1	2	1	1	1	1	1
Other specified places		.8	3	0.0	3	1	-	1	1	-	1	1	2	1	1	1	1	1
Hunger, thirst, and exposure	E933	.0	2	0.0	2	1	-	1	1	-	1	1	2	1	1	1	1	1
Other specified places		.8	1	0.0	1	1	-	1	1	-	1	1	2	1	1	1	1	1
Place not specified		.9	1	0.0	1	1	-	1	1	-	1	1	2	1	1	1	1	1

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

CAUSE OF DEATH	INT. LIST NO.	TOTAL	SEX	AGE AT DEATH																										
				Infant			Under 1 Year			1-5 Years			5-10 Years			10-14 Years			15-19 Years											
Number	Rate	Male	Female	Non- WHITE	Under 1 Day	Under 1 Week	Under 1 Month	Under 1 Year	28 Days	1 Week	1 Year	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	
Other accidents (continued)																														
Catalysis																														
Industrial place and premises	E934	2	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Place for recreation and sport	E935	.3	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home	E936	.4	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Farm																														
Industrial place and premises	E937	.1	1	0.2	1	17	5	2	10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Place for recreation and sport	E938	.3	4	0.1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Street and highway	E939	.4	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Public building	E940	.5	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Resident institution	E941	.6	3	0.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other specified places	E942	.7	4	0.1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Place not specified	E943	.8	2	0.0	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
Complications due to non-therapeutic medical & surgical procedures (E940-E946)	E944	.9	18	0.2	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-tubercular encycnitis	E945	10	0.1	8	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of smallpox vaccination	E946	2	0.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of prophylactic inoculation	E947	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Complications of anesthesia for non-therapeutic purpose	E948	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications due to non-therapeutic medical and surgical procedures	E949	4	0.1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Therapeutic misadventure and late complications of therapeutic procedures (E950-E959)	E950	19	0.2	8	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
In surgical treatment	E951	4	0.1	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
In infusion or transfusion	E952	3	0.0	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
In administration of drugs or biologicals	E953	3	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
In anesthesia	E954	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified therapeutic misadventure	E955	4	0.1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Late complication of surgical operation	E956	2	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Late complications of other forms of treatment	E957	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Late effects of injury and poisoning (E958-E959)	E958	43	0.5	34	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of motor vehicle accident	E959	13	0.2	7	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of other accidental injury	E960	25	0.3	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of self-inflicted injury	E961	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of injury purposely inflicted by another person (not in war)	E962	1	0.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Of injuries due to war operations	E963	3	0.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Suicide and self-inflicted injury	E964	1	0.0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By gases in domestic use	E965	814	10.4	615	199	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By anesthetic and soporific substances	E966	76	1.0	23	53	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bartbituric acid and derivatives	E967	3	0.0	18	42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetylalicylic acid	E968	1.2	1	0.0	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other salicylates	E969	.5	12	0.2	3	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other analgesic & soporific substances	E970	.8	15	0.2	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poisoning with styrchnine	E971	4.2	1	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol compounds	E972	1.1	1.8	116	26	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lye and potash	E973	1.2	1.5	96	22	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury and its compounds	E974	.2	23	0.3	19	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other carbon monoxide	E975	.3	164	2.1	113	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified solid and liquid substances	E976	.2	28	0.4	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By bases in domestic use	E977	.3	329	4.2	297	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By other gases	E978	.16	16	0.2	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor vehicle exhaust gas	E979	.15	11	0.1	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other motor exhaust gas	E980	.1	15	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other carbon monoxide	E981	.17	117	1.5	88	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By hanging and strangulation	E982	.79	79	1.0	61	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By submersion (drowning)	E983	.77	77	1.0	50	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By firearms and explosives	E984	.8	8	0.1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By cutting and piercing instruments	E985	.1	1	0.0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By jumping from high place	E986	.1	1	0.1	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
By other and unspecified means	E987	.15	15	0.2	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Homicide and injury purposely inflicted by other persons (not in war)	E988	.281	3.6	207	74	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Assault by firearm and explosive	E989	.117	117	1.5	88	29																								

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE
MICHIGAN, 1960

[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. Place of residence according to rural areas and urban incorporated areas having a 1960 population of 2,500 or more.]

T U B E R C U L O S I S		S Y P H I L I S			
AREA	All causes	Total	A 1 Respiratory system	A 2 Meninges & nervous system	A 3 Lymphatic, peritoneal & mesenteric glands
STATE	67,912	390	364	5	1
ALCONA	69	-	-	-	-
ALGER	101	-	-	-	-
Munising	48	-	-	-	-
Balance of County	53	-	-	-	-
ALLAGAN	546	1	-	-	-
Allegan	54	-	-	-	-
Holland Pt.	9	-	-	-	-
Osego	38	-	-	-	-
Plainwell	42	-	-	-	-
Balance of County	403	1	-	-	-
ALPENA	265	-	-	-	-
Alpena	155	-	-	-	-
Balance of County	110	-	-	-	-
ANTRIM	156	1	-	-	-
ARENAC	131	-	-	-	-
BARRAGA	102	-	-	-	-
BARRY	346	2	-	-	-
Hastings	93	-	-	-	-
Balance of County	253	2	-	-	-
BAY	882	3	-	-	-
Bay City	568	3	-	-	-
Escanaba	24	-	-	-	-
Balance of County	290	-	-	-	-
BENZIE	122	1	1	-	-
BERGEN	1,398	8	8	-	-
Benton Harbor	215	1	1	-	-
Buchanan	67	2	2	-	-
Niles	154	1	1	-	-
St. Joseph	145	2	2	-	-
Balance of County	817	2	2	-	-
BRANCH	377	-	-	-	-
Coldwater	123	-	-	-	-
Balance of County	254	-	-	-	-
CALHOUN	1,287	6	6	-	-
Albion	145	2	2	-	-
Battle Creek	577	2	2	-	-
Marshall	79	-	-	-	-
Balance of County	486	2	2	-	-
CASS	338	1	1	-	-
Dowagiac	75	4	4	-	-
Balance of County	263	1	1	-	-
CHARLEVOIX	192	1	1	-	-
Boyne City	46	-	-	-	-
Charlevoix	49	-	-	-	-
Balance of County	97	-	-	-	-
CHEBOYGAN	160	-	-	-	-
Cheboygan	66	-	-	-	-
Balance of County	94	-	-	-	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	All Causes	T U B E R C U L O S I S		S Y P H I L I S		M A R C H E R T I A		P A R A C Y P H I L I A		H A M A G I C H I L I S		A C U T E P H I L I A		H A M A G I C H I L I S		A C U T E P H I L I A	
		Total	Respiratory system	Total	Other	Total	Other	Total	Other	Total	Other	Total	Other	Total	Other	Total	Other
CHIPPENNA Sault Ste. Marie Balance of County	328	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1
CLARE	202	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CLINTON St. Johns Balance of County	126	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRAWFORD	131	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DICKINSON Iron Mountain Kingsford Norway Balance of County	46	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EATON Charlotte Eaton Rapids Grand Ledge Balance of County	143	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EMMETT Petoskey Balance of County	254	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GENESEE Arlington Flint Flushing Mount Morris Swarz Creek Balance of County	123	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GLAZIER Traverse City Balance of County	248	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HILLSDALE Hillsdale Balance of County	209	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GOSEBIC Beaumont Ironwood Wakefield Balance of County	96	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	115	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	2,796	9	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	74	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	1,715	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRAND TRAVERSE Traverse City Balance of County	921	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRADAWIN	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOSEBIC Beaumont Ironwood Wakefield Balance of County	326	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2
HILLSDALE Hillsdale Balance of County	187	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GRATIOT Alma Ithaca St. Louis Balance of County	139	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRATIOT Alma Ithaca St. Louis Balance of County	97	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GRATIOT Alma Ithaca St. Louis Balance of County	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOGHTON Hancock Houghton Laurium Balance of County	197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOGHTON Hancock Houghton Laurium Balance of County	524	6	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HOGHTON Hancock Houghton Laurium Balance of County	83	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HOGHTON Hancock Houghton Laurium Balance of County	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOGHTON Hancock Houghton Laurium Balance of County	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOGHTON Hancock Houghton Laurium Balance of County	344	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3

443 All other infections
ctive & parasitic diseases

39 Hydrocephalus disease

37 Malaria

34 Infectious hepatitis

32 Measles

30 Late effects acute poliomyelitis & encephalitis

29 Acute infectious encephalitis

28 Acute poliomyelitis

26 Tetanus

23 Meningococcal infections

22 Whooping cough

21 Diphtheria

19 Brucellosis

18 Streptococcal sore throat

17 Scarlet fever

16 Diphthery, all forms

13 Paratyphoid fever & other Salmonella infections

10 All other syphilis

9 General paralysis - slugs of insane

6 Congenital syphilis

5 All other forms

4 Bones & joints

3 Intestines, spleen - rectic glands

2 Meningitis & cerebrospinal nervous system

1 All respiratory system

Total

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	All Causes	TUBERCULOSIS		SYPHILIS			
		Total	Tubercular	A 6 Congenital syphilis	A 7 Scarlet fever	A 8 Streptococcal sore throat	A 9 General palsy
HURON Bad Axe	369	35	4				
	Balance of County	334	4				
INGHAM	1,652	4	4				
East Lansing	94	3	3				
Lansing	1,028	3	3				
Mason	59	1	1				
Balance of County	471	1	1				
IONIA	434						
Beaumont	53						
Ionia	82						
Portland	37						
Balance of County	262						
IOSCO	163	2	2				
IRON	245	3	2				
Iron River	62	1	1				
Balance of County	183	2	2				
ISABELIA	285	1	1				
Mount Pleasant	97	1	1				
Balance of County	188	1	1				
JACKSON	1,222	2	2				
Jackson	619	1	1				
Balance of County	603	1	1				
KALAMAZOO	1,246	6	6				
Kalamazoo	1,743	4	4				
Balance of County	503	2	2				
KALKASKA	64	-	-				
KENT	3,120	7	6				
East Grand Rapids	63	1	1				
Grand Rapids	2,007	5	4				
Grandville	43	-	-				
Lowell	40	-	-				
Sparta	37	-	-				
Wyoming	158	1	1				
Balance of County	772	-	-				
KEWEENAW	39	-	-				
LAKE	92	-	-				
LAPERR	393	2	2				
Lapeer	83	1	1				
Balance of County	310	1	1				
LEELANAU	106	1	1				
LENAWEE	758	4	4				
Adrian	206	4	4				
Blissfield	29	-	-				
Hudson	49	-	-				
Tecumseh	64	-	-				
Balance of County	410	-	-				
LIVINGSTON	359	-	-				
Rosewell	61	-	-				
Balance of County	298	-	-				
LUCE	97	-	-				
Newberry	49	-	-				
Balance of County	48	-	-				

3
Bad Axe
Balance of County

INGHAM
East Lansing
Lansing
Mason
Balance of County

IONIA
Beaumont
Ionia
Portland
Balance of County

IOSCO
IRON
Iron River
Balance of County

ISABELIA
Mount Pleasant
Balance of County

JACKSON
Jackson
Balance of County

KALAMAZOO
Kalamazoo
Balance of County

KENT

LAKE

LAPERR

Lapeer

Balance of County

LEELANAU

LENAWEE

Adrian

Blissfield

Hudson

Tecumseh

Balance of County

LIVINGSTON

Rosewell

Balance of County

LUCE

Newberry

Balance of County

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	All Causes	T U B E R C U L O S I S		S Y P H I L I S	
		Total	A 1 Respiratory system	A 2 Meninges & central nervous system	A 3 Tissues, peritoneum & mesenteric glands
MACKINAC St. Ignace	102	33	33	2,265	12
		Balance of County		Center Line	10
MACOMB				East Detroit	1
				Fraser	1
				Mount Clemens	1
				New Baltimore Pt.	2
				Richmond	2
				Romeo	1
				Roxbury	1
				St. Clair Shores	1
				Warren	1
				Balance of County	1,032
MANISTEE				Manistee	241
				Balance of County	124
				Marquette	117
MARQUETTE				Isleplanning	547
				Marquette	106
				Negaunee	171
				Balance of County	72
MASON				Menominee	198
				Ludington	252
				Balance of County	119
MECOSTA				Midland	133
				Big Rapids	216
				Balance of County	71
MENOMINEE				Menominee	145
				Balance of County	137
MISSOURI				Monroe	296
				Balance of County	159
MONTGOMERY				Muskegon	90
				Muskegon Heights	1,203
MUSKEGON				North Muskegon	518
				Rosevelt Park	174
				Whitehall	27
NEWAYGO				Balance of County	11
				Balance of County	11
				Balance of County	28
				Balance of County	445
				Balance of County	2
				Present Balance of County	282
				Present Balance of County	27
				Present Balance of County	255

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

T U B E R C U L O S I S		S Y P H I L I S			
AREA	All causes	Total	A 1 Respiratory system	A 2 Meninges & central nervous system	A 3 Intestines, peritoneum & mesentery
OAKLAND	4,245	14	1	1	1
Barkley	122	1			
Beverly Hills	221	2			
Birmingham	60	1			
Clawson	90	1			
Farmington	275	2			
Ferndale	164	3			
Hazel Park	43	-			
Hollinwood	48	-			
Keego Harbor	41	-			
Lake Orion	150	-			
Lathrup Village	37	2			
Madison Heights	130	-			
Milford	33	1			
Northville Pt.	1	-			
Novi	466	1			
Oak Park	150	-			
Pleasant Ridge	722	2			
Pontiac	71	-			
Rochester	466	1			
Royal Oak					
Southfield					
Troy					
Walled Lake	48	-			
Balance of County	1,523	2			
OCEANA	191	-			
OGEMAW	113	-			
ONTONAGON	128	1			
OSCEOLA	177	-			
OSCODA	35	-			
OTTAWA	82	-			
OSCEOLA	32	-			
Gaylord	50	-			
Balance of County	50	-			
OTTAWA	786	1			
Grand Haven	107	-			
Holland Pt.	205	1			
Rudsonville	18	-			
Zeeland	40	-			
Balance of County	416	-			
PREQUE ISLE	139	-			
Rogers City	34	-			
Balance of County	105	-			
ROSCOMON	77	-			
SAGINAW	1,625	12	11		
Cheaning	23	-			
Saginaw	985	6	5		
Balance of County	617	6	6		
ST. CLAIR	1,105	4	3		
Algonac	46	-			
Marine City	60	-			
Marysville	25	-			
New Baltimore Pt.	7	-			
Port Huron	451	1	1		
St. Clair	59	-			
Balance of County	457	-			

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

T U B E R C U L O S I S		S Y P H I L I S		D I S E A S E S	
AREA	All Causes	AREA	All Causes	AREA	All Diseases
ST. JOSEPH	490	2	2	A 3 All other tubercles	-
Sturis	108	2	2	A 39 Hydrocephalid disease	-
Three Rivers	92	-	-	A 77 Malaria	-
Balance of County	290	-	-	A 34 Infectious hepatitis	-
SANILAC	402	-	-	A 32 Measles	-
SCHOOLCRAFT	118	-	-	A 30 Late effects acute poliomyelitis & Guillain-Barré syndrome	-
Manistique	77	-	-	A 29 Acute poliomyelitis encephalitis	-
Balance of County	41	-	-	A 28 Acute poliomyelitis	-
SHIAWASSEE	511	1	1	A 27 Measles	-
Corunna	31	1	1	A 26 Tetanus	-
Durand	38	1	1	A 25 Hemangiocytoblastic infections	-
Oswego	189	1	1	A 22 Whooping cough	-
Balance of County	253	-	-	A 21 Diphtheria	-
TUSCOLA	446	3	3	A 20 Septicema & pyemia	-
Caro	50	1	1	A 19 Brystopelias	-
Vassar	34	1	1	A 18 Streptococcal sore throat	-
Balance of County	362	2	2	A 17 Scarlet fever	-
VAN BUREN	545	3	3	A 16 Diphtheria, all forms	-
Paw Paw	46	1	1	A 15 Paratyphoid fever & other Salmonella infections	-
South Haven	71	1	1	A 11 Gonococcal infection	-
Balance of County	428	3	3	A 10 All other syphilis	-
WASHTENAW	1,100	4	3	A 9 General paralysis & insanity	-
Ann Arbor	426	2	2	A 6 Gonococcal syphilis	-
Chelsea	49	1	1	A 1 Total	-
Milan Pt.	30	1	1	A 2 Meninges & central nervous system	-
Ypsilanti	183	1	1	A 3 Infectives, peritoneum & membranes	-
Balance of County	412	1	1	A 4 Bones & joints	-
WAYNE	24,244	231	216	A 5 All other forms	-
Allen Park	182	1	1	A 11 Diphtheria	-
Dearborn	866	6	6	A 13 Measles	-
Detroit	18,093	194	180	A 10 Tetanus	-
Ecorse	156	4	4	A 4 Hemorrhage	-
Flat Rock	156	2	2	A 5 All other diseases	-
Grosse Pointe	33	-	-	A 100 Other	-
Grosse Pointe Farms	90	-	-	A 100 Other	-
Grosse Pke.	116	-	-	A 100 Other	-
Grosse Pke. Park	119	-	-	A 100 Other	-
Hamtramck	103	-	-	A 100 Other	-
Hamtramck	435	4	3	A 100 Other	-
Harper Woods	88	3	3	A 100 Other	-
Highland Park	462	3	3	A 100 Other	-
Inkster	215	2	2	A 100 Other	-
Lincoln Park	295	-	-	A 100 Other	-
Livonia	326	-	-	A 100 Other	-
Melvindale	85	-	-	A 100 Other	-
Northville Pt.	59	2	2	A 100 Other	-
Plymouth	96	4	4	A 100 Other	-
River Rouge	160	4	4	A 100 Other	-
Riverview	20	-	-	A 100 Other	-
Southgate	-	-	-	A 100 Other	-
Trenton	95	1	1	A 100 Other	-
Wayne	176	3	3	A 100 Other	-
Wyandotte	366	1	1	A 100 Other	-
Balance of County	1,436	8	8	A 100 Other	-
WEXFORD	211	-	-	Cadillac	-
BALANCE OF COUNTY	109	-	-	BALANCE OF COUNTY	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	STATE	MALIGNANT NEOPLASMS									
		Total									
	ALCONA	15	-	4	-	-	1	3	1	-	2
	ALGER	9	-	1	-	-	2	1	-	1	-
	Munising	5	-	1	-	-	2	1	-	1	-
	Balance of County	4	-	-	-	-	-	-	-	-	-
ALLEGAN		79	-	9	7	2	2	11	4	3	-
Holland Pt.		12	-	2	1	-	2	1	-	1	-
Otsego		3	-	-	-	-	-	-	-	-	-
Plainwell		6	-	1	-	-	-	-	-	-	-
Balance of County		55	-	5	6	2	1	7	2	-	-
ALPENA		42	-	2	2	1	1	2	6	2	-
Alpena		25	-	2	1	1	1	3	2	1	-
Balance of County		17	-	-	1	-	-	-	-	-	-
ANTRIM		16	-	1	4	-	1	-	-	-	-
ARENAC		26	-	2	5	-	4	2	-	2	-
BARAGA		14	-	2	5	1	-	3	1	-	-
BARRY		56	-	3	2	1	1	2	9	2	-
Hastings		21	-	1	5	1	-	3	2	-	-
Balance of County		35	-	2	1	-	6	2	-	-	-
BAY		164	-	14	18	7	2	19	19	4	-
Bay City		101	-	1	9	3	1	16	16	2	-
Essenville		5	-	-	-	-	-	3	1	-	-
Balance of County		58	-	5	9	4	1	3	2	-	-
BENZIE		17	-	-	3	-	1	2	2	-	-
BERTRIEN		253	-	6	25	6	4	34	30	9	-
Benton Harbor		35	-	2	3	1	-	8	4	1	-
Buchanan		6	-	-	-	-	-	4	1	-	-
Niles		40	-	4	4	5	4	4	1	-	-
St. Joseph		28	-	1	1	1	6	2	1	-	-
Balance of County		144	-	5	17	17	2	16	21	5	-
BINZIE											-
BRANCH		51	1	1	5	4	3	-	8	3	-
Coldwater		17	-	2	3	1	-	4	1	-	-
Balance of County		34	-	1	5	3	-	4	1	-	-
CALHOUN		198	7	-	16	27	8	2	29	6	-
Arlion		5	-	6	17	4	1	10	7	3	-
Battle Creek		93	-	2	2	-	-	4	1	-	-
Marshall		13	-	-	-	-	-	1	2	-	-
Balance of County		70	-	2	-	8	4	3	1	-	-
CASS		43	3	1	4	2	1	-	5	2	-
Dowagiac		9	1	2	1	1	-	5	4	2	-
Balance of County		34	2	1	2	1	-	1	1	1	-
CHARLEVOIX		28	1	-	2	1	-	3	1	-	-
Boyne City		5	-	-	-	-	-	1	1	-	-
Charlevoix		11	-	-	-	-	-	1	1	-	-
Balance of County		12	-	-	-	-	-	2	1	-	-
CHEBOYGAN		22	-	1	-	-	-	2	1	1	-
Cheboygan		9	-	1	-	-	-	1	1	1	-
Balance of County		13	-	-	-	-	-	3	1	1	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	Total	MALIGNANT NEOPLASMS												
		CHIPEWA Sault Ste. Marie Balance of County	CLARE	CLINTON St. Johns Balance of County	CRAWFORD	DELTA Escanaba Gladstone Balance of County	DICKINSON Iron Mountain Kingsford Norway Balance of County	EATON Charlotte Raton Rapids Grand Ledge Balance of County	EMMET Petoskey Balance of County	GENESEE Davisson Flint Flushing Mount Morris Swartz Creek Balance of County	GLENDALE Traverse City Balance of County	GODERICH Bessemer Ironwood Waterville Balance of County	HILLSDALE Hillsdale Balance of County	GRANITOT Alma Ithaca St. Louis Balance of County
CHIPPEWA Sault Ste. Marie Balance of County	51	1	2	7	2	-	-	70	1	3	3	1	1	1
CLARE	34	17	-	2	3	1	-	1	1	1	1	1	1	1
CLINTON St. Johns Balance of County	42	-	1	2	4	3	-	3	2	1	1	1	1	1
CRAWFORD	34	-	1	2	3	3	-	3	2	1	1	1	1	1
DELTA	45	-	3	4	1	-	4	6	1	2	1	1	1	1
ESCANABA Gladstone Balance of County	20	-	1	2	3	3	-	3	2	1	1	1	1	1
DICKINSON	41	3	4	7	2	-	6	6	3	2	1	1	1	1
IRON MOUNTAIN Kingsford Norway Balance of County	5	5	-	2	1	-	1	1	1	1	1	1	1	1
EATON	70	1	1	4	3	-	3	2	1	1	1	1	1	1
CHARLOTTE Raton Rapids Grand Ledge Balance of County	15	1	1	2	1	-	1	1	1	1	1	1	1	1
EMMET	34	3	1	6	1	-	4	3	1	1	1	1	1	1
PETOSKEY Balance of County	19	3	-	3	1	-	3	1	1	1	1	1	1	1
GENESEE	459	10	7	44	33	19	9	65	39	10	20	4	5	106
DAVISSEN FLINT FLUSHING MOUNT MORRIS SWARTZ CREEK Balance of County	7	-	4	-	1	-	1	1	1	1	1	1	1	48
11	284	6	5	21	13	6	42	23	16	5	17	2	3	1
11	4	-	1	-	1	-	1	1	1	1	1	1	1	1
5	18	10	6	2	20	13	11	4	2	2	33	13	6	4
15	-	3	1	-	-	1	-	-	-	1	-	15	-	1
GLENDALE	52	1	-	4	6	1	1	3	5	1	1	1	1	1
TRVERSE CITY Balance of County	30	1	-	3	3	1	-	1	2	1	1	1	1	1
GODERICH	62	1	-	11	7	1	1	4	3	1	2	1	1	1
BESSEMER IRONWOOD WATERVILLE Balance of County	10	30	-	6	5	1	-	1	1	1	1	1	1	1
HILLSDALE	56	1	1	3	15	4	-	5	4	4	1	1	1	1
HILLSDALE Balance of County	13	1	-	3	12	3	-	3	3	1	1	1	1	1
GRANITOT	47	-	2	1	3	5	1	6	4	1	3	2	1	1
ALMA	14	-	2	1	1	1	-	1	2	1	1	1	1	1
ITHACA	2	-	1	2	1	-	1	1	1	1	1	1	1	1
ST. LOUIS	6	-	1	2	1	-	1	1	1	1	1	1	1	1
BALANCE OF COUNTY	25	-	1	2	3	-	1	3	4	3	2	1	1	1
HUGHTON	77	3	2	5	6	5	-	8	10	1	2	1	1	1
HANCOCK	8	-	1	1	1	1	-	2	1	1	1	1	1	1
HOUGHTON	13	-	1	1	1	1	-	2	1	1	1	1	1	1
LAWRENCE	2	-	1	1	1	1	-	2	1	1	1	1	1	1
BALANCE OF COUNTY	54	3	1	4	2	-	1	2	1	1	1	1	1	1

A75 Cancer of eye

A74 Inflammation of eye

A73 Epilepsy

A72 Multiple sclerosis

A71 Nonmeiotic

A70 Meiotic lesions

A69 Mental deficiency

A68 Psychoneuroses & personality disorders

A67 Psychoses

A66 Allergic disorders

A65 Anemias

A64 Attherosclerosis & other diseases of arteries

A63 Diabetic mellitus

A62 Thromboangiitis obliterica

A61 Nodular goiter

A60 Benign neoplasms & neoplasms not恶性的

A59 Lipomatosis & connective tissue system

A58 Leukemia & allied diseases

A57 All other unspecified

A56 Bone & connective tissue neoplasms

A55 Skin

A54 Prostate

A53 Other unspecified

A52 Cervix uteri

A51 Breast

A50 Tercular, bronchus, & lung, not specified as primary

A49 Leukemia

A48 Rectum

A47 Intestines, except rectum

A46 Stomach

A45 Esophagus

A44 Duodenal catarrh

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

MALIGNANT NEOPLASMS											
AREA	CODES										
	TUMOR		CARCINOMA		SARCOMA		LEUKEMIA		LYMPHOMA		METASTASIS
FEDERAL DISTRICT											
WASHINGON, D.C.											
District of Columbia											
BREAST	460	BENIGN	460-1	SEBOPHYLLOM	460-2	NEOPLASM	460-3	SPICULATED	460-4	NONTOXIC	460-5
MAMMARY GLAND	461	ADENOMA	461-1	NONPOLYPSOID	461-2	POLYPSOID	461-3	ADENOCARCINOMA	461-4	ADENOSARCOMA	461-5
MAMMARY GLAND	462	THYROIDOTOXICOSIS	462-1	WITH GOITER	462-2	WITHOUT GOITER	462-3	ENDOCRINE DISORDERS	462-4	NONENDOCRINE	462-5
MAMMARY GLAND	463	DIADEMATOUS	463-1	MELANOMA	463-2	ADENOMA	463-3	ADENOCARCINOMA	463-4	ADENOSARCOMA	463-5
MAMMARY GLAND	464	ALLEGIC DISORDERS	464-1	CUTANEOUS	464-2	ENDOCRINE	464-3	IMMUNOBIOLOGICAL	464-4	NONENDOCRINE	464-5
MAMMARY GLAND	465	ANEMIAS	465-1	ACUTE	465-2	CHRONIC	465-3	HAEMOLYTIC	465-4	HAEMOPATHIC	465-5
MAMMARY GLAND	466	ALLERGIC DISORDERS	466-1	CUTANEOUS	466-2	ENDOCRINE	466-3	IMMUNOBIOLOGICAL	466-4	NONENDOCRINE	466-5
MAMMARY GLAND	467	DIABETES	467-1	NONOBSTETRIC	467-2	OBSTETRIC	467-3	OBSTETRIC	467-4	OBSTETRIC	467-5
MAMMARY GLAND	468	ENDOCRINOSES	468-1	ENDOCRINOSES	468-2	ENDOCRINOSES	468-3	ENDOCRINOSES	468-4	ENDOCRINOSES	468-5
MAMMARY GLAND	469	MENSTRUAL DISTURBANCY	469-1	DEFLUXION	469-2	PERIODICITY	469-3	PERIODICITY	469-4	PERIODICITY	469-5
MAMMARY GLAND	470	VASCULAR LESIONS	470-1	AFFECTING CENTRAL	470-2	AFFECTING PERIPHERAL	470-3	PERIPHERAL	470-4	PERIPHERAL	470-5
MAMMARY GLAND	471	INFECTIVE LESIONS	471-1	INFECTIVE	471-2	INFECTIVE	471-3	INFECTIVE	471-4	INFECTIVE	471-5
MAMMARY GLAND	472	MULTIPLE SCLEROSES	472-1	INFECTIVE	472-2	INFECTIVE	472-3	INFECTIVE	472-4	INFECTIVE	472-5
MAMMARY GLAND	473	INFILTRATORY DISEASES	473-1	INFECTIVE	473-2	INFECTIVE	473-3	INFECTIVE	473-4	INFECTIVE	473-5
MAMMARY GLAND	474	INFILTRATORY DISEASES	474-1	INFECTIVE	474-2	INFECTIVE	474-3	INFECTIVE	474-4	INFECTIVE	474-5
MAMMARY GLAND	475	LEPROSY	475-1	INFECTIVE	475-2	INFECTIVE	475-3	INFECTIVE	475-4	INFECTIVE	475-5
MAMMARY GLAND	476	LEPROSY	476-1	INFECTIVE	476-2	INFECTIVE	476-3	INFECTIVE	476-4	INFECTIVE	476-5
MAMMARY GLAND	477	LEPROSY	477-1	INFECTIVE	477-2	INFECTIVE	477-3	INFECTIVE	477-4	INFECTIVE	477-5
MAMMARY GLAND	478	LEPROSY	478-1	INFECTIVE	478-2	INFECTIVE	478-3	INFECTIVE	478-4	INFECTIVE	478-5
MAMMARY GLAND	479	LEPROSY	479-1	INFECTIVE	479-2	INFECTIVE	479-3	INFECTIVE	479-4	INFECTIVE	479-5
MAMMARY GLAND	480	LEPROSY	480-1	INFECTIVE	480-2	INFECTIVE	480-3	INFECTIVE	480-4	INFECTIVE	480-5
MAMMARY GLAND	481	LEPROSY	481-1	INFECTIVE	481-2	INFECTIVE	481-3	INFECTIVE	481-4	INFECTIVE	481-5
MAMMARY GLAND	482	LEPROSY	482-1	INFECTIVE	482-2	INFECTIVE	482-3	INFECTIVE	482-4	INFECTIVE	482-5
MAMMARY GLAND	483	LEPROSY	483-1	INFECTIVE	483-2	INFECTIVE	483-3	INFECTIVE	483-4	INFECTIVE	483-5
MAMMARY GLAND	484	LEPROSY	484-1	INFECTIVE	484-2	INFECTIVE	484-3	INFECTIVE	484-4	INFECTIVE	484-5
MAMMARY GLAND	485	LEPROSY	485-1	INFECTIVE	485-2	INFECTIVE	485-3	INFECTIVE	485-4	INFECTIVE	485-5
MAMMARY GLAND	486	LEPROSY	486-1	INFECTIVE	486-2	INFECTIVE	486-3	INFECTIVE	486-4	INFECTIVE	486-5
MAMMARY GLAND	487	LEPROSY	487-1	INFECTIVE	487-2	INFECTIVE	487-3	INFECTIVE	487-4	INFECTIVE	487-5
MAMMARY GLAND	488	LEPROSY	488-1	INFECTIVE	488-2	INFECTIVE	488-3	INFECTIVE	488-4	INFECTIVE	488-5
MAMMARY GLAND	489	LEPROSY	489-1	INFECTIVE	489-2	INFECTIVE	489-3	INFECTIVE	489-4	INFECTIVE	489-5
MAMMARY GLAND	490	LEPROSY	490-1	INFECTIVE	490-2	INFECTIVE	490-3	INFECTIVE	490-4	INFECTIVE	490-5
MAMMARY GLAND	491	LEPROSY	491-1	INFECTIVE	491-2	INFECTIVE	491-3	INFECTIVE	491-4	INFECTIVE	491-5
MAMMARY GLAND	492	LEPROSY	492-1	INFECTIVE	492-2	INFECTIVE	492-3	INFECTIVE	492-4	INFECTIVE	492-5
MAMMARY GLAND	493	LEPROSY	493-1	INFECTIVE	493-2	INFECTIVE	493-3	INFECTIVE	493-4	INFECTIVE	493-5
MAMMARY GLAND	494	LEPROSY	494-1	INFECTIVE	494-2	INFECTIVE	494-3	INFECTIVE	494-4	INFECTIVE	494-5
MAMMARY GLAND	495	LEPROSY	495-1	INFECTIVE	495-2	INFECTIVE	495-3	INFECTIVE	495-4	INFECTIVE	495-5
MAMMARY GLAND	496	LEPROSY	496-1	INFECTIVE	496-2	INFECTIVE	496-3	INFECTIVE	496-4	INFECTIVE	496-5
MAMMARY GLAND	497	LEPROSY	497-1	INFECTIVE	497-2	INFECTIVE	497-3	INFECTIVE	497-4	INFECTIVE	497-5
MAMMARY GLAND	498	LEPROSY	498-1	INFECTIVE	498-2	INFECTIVE	498-3	INFECTIVE	498-4	INFECTIVE	498-5
MAMMARY GLAND	499	LEPROSY	499-1	INFECTIVE	499-2	INFECTIVE	499-3	INFECTIVE	499-4	INFECTIVE	499-5
MAMMARY GLAND	500	LEPROSY	500-1	INFECTIVE	500-2	INFECTIVE	500-3	INFECTIVE	500-4	INFECTIVE	500-5
MAMMARY GLAND	501	LEPROSY	501-1	INFECTIVE	501-2	INFECTIVE	501-3	INFECTIVE	501-4	INFECTIVE	501-5
MAMMARY GLAND	502	LEPROSY	502-1	INFECTIVE	502-2	INFECTIVE	502-3	INFECTIVE	502-4	INFECTIVE	502-5
MAMMARY GLAND	503	LEPROSY	503-1	INFECTIVE	503-2	INFECTIVE	503-3	INFECTIVE	503-4	INFECTIVE	503-5
MAMMARY GLAND	504	LEPROSY	504-1	INFECTIVE	504-2	INFECTIVE	504-3	INFECTIVE	504-4	INFECTIVE	504-5
MAMMARY GLAND	505	LEPROSY	505-1	INFECTIVE	505-2	INFECTIVE	505-3	INFECTIVE	505-4	INFECTIVE	505-5
MAMMARY GLAND	506	LEPROSY	506-1	INFECTIVE	506-2	INFECTIVE	506-3	INFECTIVE	506-4	INFECTIVE	506-5
MAMMARY GLAND	507	LEPROSY	507-1	INFECTIVE	507-2	INFECTIVE	507-3	INFECTIVE	507-4	INFECTIVE	507-5
MAMMARY GLAND	508	LEPROSY	508-1	INFECTIVE	508-2	INFECTIVE	508-3	INFECTIVE	508-4	INFECTIVE	508-5
MAMMARY GLAND	509	LEPROSY	509-1	INFECTIVE	509-2	INFECTIVE	509-3	INFECTIVE	509-4	INFECTIVE	509-5
MAMMARY GLAND	510	LEPROSY	510-1	INFECTIVE	510-2	INFECTIVE	510-3	INFECTIVE	510-4	INFECTIVE	510-5
MAMMARY GLAND	511	LEPROSY	511-1	INFECTIVE	511-2	INFECTIVE	511-3	INFECTIVE	511-4	INFECTIVE	511-5
MAMMARY GLAND	512	LEPROSY	512-1	INFECTIVE	512-2	INFECTIVE	512-3	INFECTIVE	512-4	INFECTIVE	512-5
MAMMARY GLAND	513	LEPROSY	513-1	INFECTIVE	513-2	INFECTIVE	513-3	INFECTIVE	513-4	INFECTIVE	513-5
MAMMARY GLAND	514	LEPROSY	514-1	INFECTIVE	514-2	INFECTIVE	514-3	INFECTIVE	514-4	INFECTIVE	514-5
MAMMARY GLAND	515	LEPROSY	515-1	INFECTIVE	515-2	INFECTIVE	515-3	INFECTIVE	515-4	INFECTIVE	515-5
MAMMARY GLAND	516	LEPROSY	516-1	INFECTIVE	516-2	INFECTIVE	516-3	INFECTIVE	516-4	INFECTIVE	516-5
MAMMARY GLAND	517	LEPROSY	517-1	INFECTIVE	517-2	INFECTIVE	517-3	INFECTIVE	517-4	INFECTIVE	517-5
MAMMARY GLAND	518	LEPROSY	518-1	INFECTIVE	518-2	INFECTIVE	518-3	INFECTIVE	518-4	INFECTIVE	518-5
MAMMARY GLAND	519	LEPROSY	519-1	INFECTIVE	519-2	INFECTIVE	519-3	INFECTIVE	519-4	INFECTIVE	519-5
MAMMARY GLAND	520	LEPROSY	520-1	INFECTIVE	520-2	INFECTIVE	520-3	INFECTIVE	520-4	INFECTIVE	520-5
MAMMARY GLAND	521	LEPROSY	521-1	INFECTIVE	521-2	INFECTIVE	521-3	INFECTIVE	521-4	INFECTIVE	521-5
MAMMARY GLAND	522	LEPROSY	522-1	INFECTIVE	522-2	INFECTIVE	522-3	INFECTIVE	522-4	INFECTIVE	522-5
MAMMARY GLAND	523	LEPROSY	523-1	INFECTIVE	523-2	INFECTIVE	523-3	INFECTIVE	523-4	INFECTIVE	523-5
MAMMARY GLAND	524	LEPROSY	524-1	INFECTIVE	524-2	INFECTIVE	524-3	INFECTIVE	524-4	INFECTIVE	524-5
MAMMARY GLAND	525	LEPROSY	525-1	INFECTIVE	525-2	INFECTIVE	525-3	INFECTIVE	525-4	INFECTIVE	525-5
MAMMARY GLAND	526	LEPROSY	526-1	INFECTIVE	526-2	INFECTIVE	526-3	INFECTIVE	526-4	INFECTIVE	526-5
MAMMARY GLAND	527	LEPROSY	527-1	INFECTIVE	527-2	INFECTIVE	527-3	INFECTIVE	527-4	INFECTIVE	527-5
MAMMARY GLAND	528	LEPROSY	528-1	INFECTIVE	528-2	INFECTIVE	528-3	INFECTIVE	528-4	INFECTIVE	528-5
MAMMARY GLAND	529	LEPROSY	529-1	INFECTIVE	529-2	INFECTIVE	529-3	INFECTIVE	529-4	INFECTIVE	529-5
MAMMARY GLAND	530	LEPROSY	530-1	INFECTIVE	530-2	INFECTIVE	530-3	INFECTIVE	530-4	INFECTIVE	530-5
MAMMARY GLAND	531	LEPROSY	531-1	INFECTIVE	531-2	INFECTIVE	531-3	INFECTIVE	531-4	INFECTIVE	531-5
MAMMARY GLAND	532	LEPROSY	532-1	INFECTIVE	532-2	INFECTIVE	532-3	INFECTIVE	532-4	INFECTIVE	532-5
MAMMARY GLAND	533	LEPROSY	533-1	INFECTIVE	533-2	INFECTIVE	533-3	INFECTIVE	533-4	INFECTIVE	533-5
MAMMARY GLAND	534	LEPROSY	534-1	INFECTIVE	534-2	INFECTIVE	534-3	INFECTIVE	534-4	INFECTIVE	534-5
MAMMARY GLAND	535	LEPROSY	535-1	INFECTIVE	535-2	INFECTIVE	535-3	INFECTIVE	535-4	INFECTIVE	535-5
MAMMARY GLAND	536	LEPROSY	536-1	INFECTIVE	536-2	INFECTIVE	536-3	INFECTIVE	536-4	INFECTIVE	536-5
MAMMARY GLAND	537	LEPROSY	537-1	INFECTIVE	537-2	INFECTIVE	537-3	INFECTIVE	537-4	INFECTIVE	537-5
MAMMARY GLAND	538	LEPROSY	538-1	INFECTIVE	538-2	INFECTIVE	538-3	INFECTIVE	538-4	INFECTIVE	538-5
MAMMARY GLAND	539	LEPROSY	539-1	INFECTIVE	539-2	INFECTIVE	539-3	INFECTIVE	539-4	INFECTIVE	539-5
MAMMARY GLAND	540	LEPROSY	540-1	INFECTIVE	540-2	INFECTIVE	540-3	INFECTIVE	540-4	INFECTIVE	540-5
MAMMARY GLAND	541	LEPROSY	541-1	INFECTIVE	541-2	INFECTIVE	541-3	INFECTIVE	541-4	INFECTIVE	541-5
MAMMARY GLAND	542	LEPROSY	542-1	INFECTIVE	542-2	INFECTIVE	542-3	INFECTIVE	542-4	INFECTIVE	542-5
MAMMARY GLAND	543	LEPROSY	543-1	INFECTIVE	543-2	INFECTIVE	543-3	INFECTIVE	543-4	INFECTIVE	543-5
MAMMARY GLAND	544	LEPROSY	544-1	INFECTIVE	544-2	INFECTIVE	544-3	INFECTIVE	544-4	INFECTIVE	544-5
MAMMARY GLAND	545	LEPROSY	545-1	INFECTIVE	545-2	INFECTIVE	545-3	INFECTIVE	545-4	INFECTIVE	545-5
MAMMARY GLAND	546	LEPROSY	546-1	INFECTIVE	546-2	INFECTIVE	546-3	INFECTIVE	546-4	INFECTIVE	546-5
MAMMARY GLAND	547	LEPROSY	547-1	INFECTIVE	547-2	INFECTIVE	547-3	INFECTIVE	547-4	INFECTIVE	547-5
MAMMARY GLAND	548	LEPROSY	548-1	INFECTIVE	548-2	INFECTIVE	548-3	INFECTIVE	548-4	INFECTIVE	548-5
MAMMARY GLAND	549	LEPROSY	549-1	INFECTIVE	549-2	INFECTIVE	549-3	INFECTIVE	549-4	INFECTIVE	549-5
MAMMARY GLAND	550	LEPROSY	550-1	INFECTIVE	550-2	INFECTIVE	550-3	INFECTIVE	550-4	INFECTIVE	550-5
MAMMARY GLAND	551	LEPROSY	551-1	INFECTIVE	551-2	INFECTIVE	551-3	INFECTIVE	551-4	INFECTIVE	551-5
MAMMARY GLAND	552	LEPROSY	552-1	INFECTIVE	552-2	INFECTIVE	552-3	INFECTIVE	552-4	INFECTIVE	552-5
MAMMARY GLAND	553	LEPROSY	553-1	INFECTIVE	553-2	INFECTIVE	553-3	INFECTIVE	553-4	INFECTIVE	553-5
MAMMARY GLAND	554	LEPROSY	554-1	INFECTIVE	554-2	INFECTIVE	554-3	INFECTIVE	554-4	INFECTIVE	554-5
MAMMARY GLAND	555	LEPROSY	555-1	INFECTIVE	555-2	INFECTIVE	555-3	INFECTIVE	555-4	INFECTIVE	555-5
MAMMARY GLAND	556	LEPROSY	556-1	INFECTIVE	556-2	INFECTIVE	556-3	INFECTIVE	556-4	INFECTIVE	556-5
MAMMARY GLAND	557	LEPROSY	557-1	INFECTIVE	557-2	INFECTIVE	557-3	INFECTIVE	557-4	INFECTIVE	557-5
MAMMARY GLAND	558	LEPROSY	558-1	INFECTIVE	558-2	INFECTIVE	558-3	INFECTIVE	558-4	INFECTIVE	558-5
MAMMARY GLAND											

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	MALIGNANT NEOPLASMS	TOTAL									
		A60	Breast	A61	Breast	A62	Malignant neoplasms of neck and thorax	A63	Malignant neoplasms of skin	A64	Malignant neoplasms of other parts of body
MACKINAC St. Ignace	6	-	2	1	-	-	-	-	-	-	-
Balance of County	5	-	2	1	-	-	-	-	-	-	-
MACOMB Center Line	400	6	8	34	37	13	6	66	28	12	7
East Detroit	39	-	3	4	-	-	-	-	-	-	-
Fraser	6	-	1	1	-	-	-	-	-	-	-
Mount Clemens	46	1	2	5	3	2	2	9	2	4	-
New Baltimore Pt.	2	-	-	-	-	-	-	-	-	-	-
Richmond	6	-	-	-	-	-	-	-	-	-	-
Romeo	8	-	1	1	-	-	-	-	-	-	-
Roseville	45	-	2	4	1	7	5	1	2	4	-
St. Clair Shores	68	1	1	6	3	3	12	3	1	4	-
Warren	170	3	4	17	20	5	-	27	12	3	-
Balance of County	14	-	1	1	5	1	-	3	3	1	-
MANISTEE Manistee	37	1	-	1	3	1	-	2	1	1	-
Balance of County	20	1	-	1	2	1	-	1	1	1	-
17	-	-	2	-	-	1	-	1	1	1	-
MARQUETTE Ishpeming	70	1	2	8	4	3	-	10	8	1	-
Marquette	13	-	1	1	5	1	-	2	1	1	-
Negaunee	21	-	2	1	1	1	-	6	1	1	-
Balance of County	9	-	1	1	1	1	-	1	1	1	-
MASON Ludington	27	-	1	5	1	1	-	1	1	1	-
Balance of County	21	-	2	3	3	1	-	5	1	1	-
MARSHALL Big Rapids	26	-	4	5	5	3	-	2	1	1	-
Balance of County	12	-	2	2	2	1	-	2	1	1	-
MENOMINEE Menominee	14	-	1	1	1	1	-	1	1	1	-
Balance of County	25	-	2	3	1	1	-	4	2	1	-
MICHIGAN Big Rapids	29	-	2	3	3	1	-	5	2	1	-
Balance of County	65	1	2	7	5	3	-	1	1	1	-
MIDLAND Midland	36	1	2	4	2	1	-	4	1	1	-
Balance of County	29	1	2	3	3	1	-	3	1	1	-
MISSOURI	12	-	-	3	-	1	-	1	1	1	-
MONROE Milan Pt.	123	3	2	8	18	7	2	11	16	6	3
Monroe	34	2	-	2	4	6	2	3	7	5	1
Balance of County	87	1	2	6	14	6	2	8	9	5	1
MONTGOMERY Greenville	78	2	1	8	8	3	-	13	9	2	3
Balance of County	20	1	3	1	3	1	-	3	2	1	1
MONTGOMERY	58	1	1	5	7	3	-	10	7	1	1
Balance of County	12	-	2	2	-	1	-	1	1	1	1
MUSKEGON Muskegon Heights	193	3	4	18	18	6	1	25	20	6	3
North Muskegon	87	1	1	9	9	3	1	12	11	5	1
Rosewell Park	32	1	2	5	2	1	-	3	1	1	1
Whitehall	6	-	-	2	-	-	-	4	1	1	1
Balance of County	62	1	1	4	2	3	-	6	6	2	1
NEWAYGO Fremont	51	4	-	3	7	1	-	4	7	1	1
Balance of County	47	-	3	6	-	1	-	4	1	1	1

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	MALIGNANT NEOPLASMS									
	Total									
ST. JOSEPH Sturgis Three Rivers Balance of County	95	2	8	13	1	9	2	1	9	1
SCHOOLCRAFT Manistique Balance of County	23	1	3	5	2	1	2	1	4	1
SHIAGO Cortana Durand Oconto Balance of County	49	1	1	4	3	1	2	1	4	1
SANILAC	52	1	3	3	2	-	7	5	-	1
SHIANSSEE Cortana Durand Oconto Balance of County	68	1	-	5	8	4	-	12	4	3
TUSCOLA	63	1	-	11	8	-	5	6	2	-
Care Vassar Balance of County	52	1	-	11	7	-	5	1	1	1
VAN BUREN Paw Paw South Haven Balance of County	87	-	8	7	6	1	12	6	3	2
WASHTENAW Ann Arbor Chelsea Milan Pt. Ypsilanti Balance of County	172	3	15	21	8	2	23	14	8	4
WAYNE Allen Park Dearborn Detroit Ecorse Flat Rock Garden City Grosse Pointe Farms Grosse Pte. Park Grosse Pte. Woods Hamtramck Harper Woods Highland Park Inkster Lincoln Park Livonia Melvindale Northville Pt. Plymouth River Rouge Riverview Southgate Trenton Wayne Wyandotte Balance of County	4,262	121	96	383	451	157	42	671	336	151
WEXFORD Cadillac Balance of County	30	-	13	-	17	-	2	-	-	-

A75 Gastric

A74 Inflammatory

A73 Epilepsy

A72 Multiple sclerosis

A71 Nomenclogoccal

A70 Vasculat Lesions

A69 Mental delictancy

A68 Psychoneuroses &

A67 Psychoses

A66 Allergic disorders;

A65 Anemias

A64 Allergies

A63 Diabetic mellitus

A62 Thyrotoxicosis with

A61 Nonoxic goiter

A60 Benign neoplasms

A59 Lipomatoma &

A58 Leukemia &

A57 All other & unspecified

A56 Some & con-

A55 Skin

A54 Prostate

A53 Other & unspec-

A52 Ovarix uter-

A51 Bone tissue

A50 Trachea, bronchi & lung,

A49 Larynx

A48 Rectum

A47 Intestine, except rectum

A46 Stomach

A45 Esophagus

A44 Buccal cavity

A43 Pharynx

A42 Bronchus & lung,

A41 Secondary

A40 Sebaceous

A39 Melanoma

A38 Papillary

A37 Basal

A36 Squamous

A35 Adenocarcinoma

A34 Transitional

A33 Adenoma

A32 Papillary

A31 Basal

A30 Squamous

A29 Adenocarcinoma

A28 Papillary

A27 Transitional

A26 Adenoma

A25 Papillary

A24 Basal

A23 Squamous

A22 Adenocarcinoma

A21 Transitional

A20 Papillary

A19 Basal

A18 Squamous

A17 Adenocarcinoma

A16 Papillary

A15 Transitional

A14 Papillary

A13 Basal

A12 Squamous

A11 Adenocarcinoma

A10 Papillary

A9 Transitional

A8 Papillary

A7 Basal

A6 Squamous

A5 Adenocarcinoma

A4 Papillary

A3 Transitional

A2 Papillary

A1 Basal

A0 Squamous

A-1 Adenocarcinoma

A-2 Papillary

A-3 Transitional

A-4 Papillary

A-5 Transitional

A-6 Papillary

A-7 Transitional

A-8 Papillary

A-9 Transitional

A-10 Papillary

A-11 Transitional

A-12 Papillary

A-13 Transitional

A-14 Papillary

A-15 Transitional

A-16 Papillary

A-17 Transitional

A-18 Papillary

A-19 Transitional

A-20 Papillary

A-21 Transitional

A-22 Papillary

A-23 Transitional

A-24 Papillary

A-25 Transitional

A-26 Papillary

A-27 Transitional

A-28 Papillary

A-29 Transitional

A-30 Papillary

A-31 Transitional

A-32 Papillary

A-33 Transitional

A-34 Papillary

A-35 Transitional

A-36 Papillary

A-37 Transitional

A-38 Papillary

A-39 Transitional

A-40 Papillary

A-41 Transitional

A-42 Papillary

A-43 Transitional

A-44 Papillary

A-45 Transitional

A-46 Papillary

A-47 Transitional

A-48 Papillary

A-49 Transitional

A-50 Papillary

A-51 Transitional

A-52 Papillary

A-53 Transitional

A-54 Papillary

A-55 Transitional

A-56 Papillary

A-57 Transitional

A-58 Papillary

A-59 Transitional

A-60 Papillary

A-61 Transitional

A-62 Papillary

A-63 Transitional

A-64 Papillary

A-65 Transitional

A-66 Papillary

A-67 Transitional

A-68 Papillary

A-69 Transitional

A-70 Papillary

A-71 Transitional

A-72 Papillary

A-73 Transitional

A-74 Papillary

A-75 Gastric

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	STATE	Total	HEART DISEASE										PNEUMONIA													
			A 78 All other diseases of nervous system & mastocytosis	A 79 Rheumatic fever	A 80 Chronic disease heart disease	A 81 Arrhythmia	A 82 Other diseases of heart	A 83 Hypertension with heart disease	A 84 Hypertension without mention of heart	A 85 Diseases of arteries	A 86 General arteriosclerosis	A 87 Acute upper respiratory infections	A 88 Influenza	A 89 Lobar pneumonia	A 90 Bronchopneumonia	A 91 Primary atypical other & unspecified	A 92 Acute bronchitis	A 93 Bronchitis & emphysema	A 94 Hypertrophy of tonsils & adenoids	A 95 Emphysema & abscesses of lung	A 96 Pleurisy	A 97 All other respi- tory diseases	A 98 Diseases of teeth & structures	A 99 Ulcer of stomach	A 100 Ulcer of duodenum	A 101 Gastritis & duodenitis
ALCONA	- 1	27	- 1	24	21	3	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALGER	- -	39	- 3	33	30	3	3	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	- -	18	- 2	15	14	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALLEGAN	- -	21	- 1	18	16	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holland Pt.	- -	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ortego	- -	12	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plainwell	- -	14	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of County	- -	140	- 3	114	104	10	15	8	5	18	14	4	3	-	2	9	2	3	4	-	-	-	-	-	-	-
ALPENA	- -	95	- 4	79	68	11	8	4	2	2	-	-	-	-	-	1	-	3	2	1	-	-	-	-	-	-
Alpena	- -	62	- 2	54	45	2	2	3	3	-	2	2	-	-	-	2	1	-	1	-	-	-	-	-	-	-
Balance of County	- -	33	- -	25	23	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM	- -	76	- -	1	68	65	3	1	6	1	4	4	-	-	-	-	2	-	1	1	-	-	-	-	-	-
ARENAC	- -	46	- 1	42	39	3	1	2	2	-	-	-	-	-	-	2	-	4	2	-	-	-	-	-	-	-
BARAGA	- -	43	- -	40	37	3	1	2	-	4	3	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-
BARRY	- -	103	- 4	87	76	11	5	7	6	14	9	5	1	-	-	1	5	1	2	-	-	-	-	-	-	-
Hastings	- -	27	- 4	21	20	1	2	3	3	5	3	3	1	-	-	1	5	1	2	-	-	-	-	-	-	-
Balance of County	- -	76	- 4	66	56	10	3	3	3	9	6	3	-	-	-	1	5	1	2	-	-	-	-	-	-	-
BAY	- -	9	337	- 15	279	253	26	12	31	5	23	15	8	6	1	4	14	2	8	4	1	1	1	1	3	1
Bay City	- -	5	227	- 12	184	166	18	6	25	2	17	11	6	5	1	2	7	2	4	1	1	1	1	1	2	1
Escanaba	- -	13	- 1	11	10	1	1	1	1	5	5	3	6	4	2	1	2	7	4	3	-	-	-	-	-	1
Balance of County	- -	97	- 3	84	77	7	7	5	5	3	6	4	2	1	-	2	7	4	3	-	-	-	-	-	-	1
BENZIE	- -	1	40	-	40	40	-	-	-	2	5	2	3	1	1	1	5	4	1	-	-	-	-	-	-	-
BERTRIEN	- -	4	473	- 20	385	348	37	28	38	11	50	40	10	6	-	5	35	3	20	12	2	7	1	-	4	
Benton Harbor	- -	1	71	1	57	52	5	4	4	4	7	4	3	1	-	2	7	3	4	-	-	-	-	-	-	5
Buchanan	- -	28	- 4	18	14	4	3	3	5	1	4	4	2	1	-	3	1	2	1	-	-	-	-	-	1	
Niles	- -	45	- 1	36	32	4	5	3	1	9	5	4	2	1	-	4	3	1	1	-	-	-	-	-	1	
St. Joseph	- -	53	- 1	2	47	45	2	2	27	6	25	23	2	2	-	3	20	2	11	7	2	5	-	3	3	
Balance of County	- -	3	276	- 8	227	205	22	14	27	6	25	23	2	2	-	3	20	2	11	7	2	5	-	3	3	
BRANCH	- -	2	137	- 3	124	121	3	1	9	2	12	10	2	-	-	1	6	-	3	1	1	-	-	-	4	1
Coldwater	- -	1	43	- -	41	41	-	5	1	2	1	4	3	1	-	4	1	2	-	-	-	-	-	-	2	1
Balance of County	- -	94	- 3	83	80	3	1	7	1	8	7	1	1	-	1	2	-	-	-	-	-	-	-	-	-	-
CALHOUN	- -	5	515	- 16	425	366	59	21	53	13	51	43	8	6	-	1	23	4	10	9	1	1	-	19	5	
Albion	- -	52	- 4	37	29	8	6	5	5	1	9	8	1	1	-	4	1	4	2	1	1	-	-	4	5	
Battle Creek	- -	3	244	- 9	195	164	31	8	161	145	16	7	13	3	-	3	1	1	10	2	5	3	-	4	4	
Marshall	- -	35	- 32	32	28	4	5	3	28	4	5	3	2	1	-	1	1	1	1	1	1	-	-	4	4	
CASS	- -	145	- 3	120	114	6	6	8	14	2	14	8	6	-	-	2	15	4	8	3	1	-	-	1	1	
Balance of County	- -	114	- 3	96	91	5	7	1	1	1	1	1	1	1	-	2	14	3	8	3	1	-	-	1	1	
CHARLEVOIX	- -	2	76	- 2	62	57	5	7	-	1	1	1	-	-	-	4	4	1	2	1	-	-	-	-	1	
Boyne City	- -	22	- -	18	17	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Charlevoix	- -	17	- 15	14	14	14	2	2	29	26	3	2	4	-	-	1	1	1	1	1	-	-	-	1	1	
Balance of County	- -	1	37	- 2	29	26	3	2	4	-	-	-	-	-	-	-	3	3	2	-	-	-	-	-	4	
CHEYEGAN	- -	78	- -	64	58	6	3	11	1	4	1	3	2	1	-	1	4	2	2	-	-	-	-	-	1	
Cheboygan	- -	31	- 47	- 39	35	23	2	1	5	6	2	1	3	2	-	1	4	2	2	-	-	-	-	-	1	

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	HEART DISEASE	PNEUMONIA									
		A 80 Chronic rheumatic fever					A 81 Chronic rheumatic heart disease				
HURON	Bad Axe Balance of County	2	129	-	2	114	85	29	9	4	2
		1	5	-	2	109	81	28	9	-	-
		2	124	-	2	5	4	2	2	2	2
INGHAM	East Lansing Lansing Mason Balance of County	-	575	-	21	483	455	28	24	47	9
		-	26	-	22	22	22	3	15	36	12
		6	373	-	15	307	295	12	15	10	5
		16	16	-	2	13	10	3	5	10	13
		4	160	-	4	141	128	13	13	5	10
IONIA	Belding Ionia Portland Balance of County	1	163	-	3	152	134	18	6	3	2
		1	23	-	1	23	22	1	1	1	1
		28	-	-	28	24	4	-	-	-	-
		11	-	10	10	10	-	-	-	-	-
		99	-	2	91	78	13	2	4	3	3
TOSCO		1	69	-	2	57	53	4	6	4	2
IRON	Iron River Balance of County	-	95	-	5	80	72	8	2	8	5
		1	27	-	1	24	23	1	2	2	1
		68	-	4	56	49	7	2	6	4	4
ISABELIA	Mount Pleasant Balance of County	-	109	-	3	99	92	7	1	6	1
		40	-	1	37	36	1	2	1	4	1
		69	-	2	62	56	6	1	4	1	1
JACKSON	Jackson Balance of County	12	464	-	18	387	362	25	7	52	3
		8	240	-	5	200	187	13	6	29	1
		224	-	13	187	175	12	1	23	2	28
KALAMAZOO	Kalamazoo Balance of County	8	468	1	16	393	359	34	21	37	8
		5	267	8	226	201	25	13	20	25	17
		201	1	8	167	158	9	8	17	4	4
KALKASKA		1	29	-	1	24	23	1	3	1	2
KENT	East Grand Rapids Grand Rapids Grandville Lowell Sparta Wyoming Balance of County	21	1,128	-	37	978	888	90	32	81	20
		18	728	-	23	625	574	51	21	59	13
		17	1	12	12	12	-	1	3	1	1
		13	-	12	12	7	1	1	1	1	1
		11	1	10	9	5	1	1	1	1	1
		55	-	51	48	3	2	1	5	4	1
		280	-	12	246	221	25	6	16	4	20
KEWENAW		-	22	-	20	18	2	1	1	2	1
LACE		-	44	-	36	27	9	-	8	-	1
LAPEER	Lapeer Balance of County	-	156	-	4	121	116	5	6	25	5
		1	37	-	2	28	28	5	5	19	5
		119	-	2	93	88	5	5	6	4	2
LEELANAU		-	51	1	-	38	36	2	2	10	1
LENAWEE	Arlin Blissfield Hudson Tecumseh Balance of County	1	4	284	-	6	243	207	36	14	21
		2	69	-	2	61	48	13	4	2	7
		11	-	1	11	9	8	1	1	1	1
		1	19	-	1	17	15	2	1	1	1
		17	1	1	14	13	2	1	1	1	1
		168	-	2	142	123	19	9	15	4	7
LIVINGSTON	Livingston Howell Balance of County	1	3	131	-	6	111	104	7	8	6
		3	28	-	6	24	24	-	2	2	1
		103	-	6	87	80	7	6	4	1	1
LUCE	Newberry Balance of County	53	-	-	41	36	5	8	4	1	1
		27	-	-	22	20	2	3	4	3	1
		26	-	-	19	16	3	1	2	2	1

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TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

HEART DISEASE	AREA	PNEUMONIA									
		A 84 Heart diseases of heart and blood vessels					A 85 Diseases of arteries				
MACKINAC St. Ignace	-	39	-	30	24	6	2	7	1	2	1
Balance of County	-	12	-	9	8	1	2	1	-	1	-
MACOMB	-	17	772	1	22	641	569	72	52	56	1
Center Line	-	18	-	16	16	5	1	5	1	2	-
East Detroit	-	2	96	-	4	81	69	12	5	6	-
Fraser	-	9	-	7	7	7	7	2	4	2	-
Mount Clemens	-	87	-	3	68	54	14	9	6	3	-
New Baltimore Pt.	-	13	-	10	9	1	2	1	1	1	-
Richmond	-	17	-	14	14	4	1	2	1	1	-
Romeo	-	25	-	24	19	5	1	1	1	1	-
Rossville	-	2	66	-	2	50	45	5	5	5	-
St. Clair Shores	-	118	-	4	99	5	7	8	7	4	-
Warren	-	7	323	1	9	272	247	25	21	5	39
Balances of County	-	110	-	1	98	89	9	6	5	2	3
MANISTEE	-	57	-	1	54	48	6	2	2	1	1
Manistee	-	53	-	1	44	41	3	4	4	1	-
Balances of County	-	1	226	-	5	199	153	46	9	13	6
MARQUETTE	-	41	-	1	36	29	7	2	2	3	3
Ishpeming	-	83	-	1	77	54	23	3	2	1	1
Marquette	-	24	-	19	17	22	2	2	1	1	1
Negaunee	-	78	-	4	67	53	14	2	2	1	1
Balances of County	-	1	90	-	1	78	65	13	2	1	1
MASON	-	128	-	5	113	103	10	4	6	8	7
Ludington	-	57	-	4	51	45	6	4	4	1	1
Balances of County	-	71	-	1	62	58	4	4	1	3	1
MECOSTA	-	1	90	-	1	29	22	7	1	3	2
Big Rapids	-	33	-	1	49	43	6	1	7	2	1
Balances of County	-	1	57	-	1	29	22	7	1	3	2
MINORINE	-	128	1	2	112	87	25	2	11	10	7
Menominee	-	58	-	2	52	47	5	1	5	5	3
Balances of County	-	70	1	2	60	40	20	1	6	5	2
MIDLAND	-	1	97	-	5	80	73	7	4	2	1
Midland	-	1	43	-	1	38	35	3	4	2	1
Balances of County	-	1	54	-	4	42	38	4	4	2	1
MISSOURIE	-	2	41	-	40	33	7	-	1	2	1
Monroe	-	4	287	1	9	246	222	14	18	13	7
Malin Pt.	-	2	76	-	3	66	59	7	2	5	3
Monroe	-	1	209	1	6	179	172	7	15	8	4
BALANCES OF COUNTY	-	3	209	-	5	136	120	16	8	12	6
MONTGOMERY	-	2	161	-	5	136	29	3	3	1	1
Greenville	-	32	-	5	94	13	8	9	3	1	1
Balances of County	-	2	129	-	5	107	111	-	-	2	1
MONTMORENCY	-	1	185	-	7	156	146	10	13	9	1
MUSKEGON	-	7	465	-	19	405	383	22	18	18	5
Hastings Heights	-	1	5	202	8	181	174	9	3	10	8
North Muskegon	-	1	55	-	3	47	44	3	1	4	2
Roosevelt Park	-	1	11	-	1	10	8	2	2	4	1
Whitehall	-	1	12	-	1	-	-	-	-	-	1
Balances of County	-	1	1	185	-	7	156	146	10	13	9
NEWAYGO	-	2	98	-	4	74	59	15	10	3	1
Fremont	-	1	5	-	4	72	57	15	10	3	1
Balances of County	-	1	93	-	4	72	57	15	10	3	1

A103 Inflammation
of bronchial
passages

A102 Appendicitis

A101 Gastritis &
duodenitis

A100 Ulcer of stomach

A 99 Ulcer of esophagus

A 98 Esophagus
esophagitis

A 97 All other respiratory
diseases

A 96 Pleurisy

A 95 Empyema &
abscesses of lung

A 94 Hypertrophy of
tonsils & adenoids

A 93 Bronchitis,
chronic &
unspecified

A 92 Acute bronchitis

A 91 Pneumonia,
other & unspecified

A 90 Bronchopneumonia

A 89 Lobar pneumonia

A 88 Influenza

A 87 Acute upper respiratory
infection

A 86 Other diseases
of circulatory system

A 85 General arteriosclerosis

A 84 Hypertension, stroke
of heart &
of blood vessels

A 83 Other diseases
of heart

A 82 Other diseases
of heart &
of blood vessels

A 81 Arteriosclerosis

A 80 Chronic rheumatic
fever

A 79 Rheumatic fever

A 78 All other diseases
of nervous system
& sense organs

A 77 Deafness, mental
& muscular disease

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	HEART DISEASE	PNEUMONIA										A103 Tuberculosis of bone and joint	
		A 80 Chronic rheumatic fever	A 81 Acute myocardial disease	A 82 Chronic coronary heart disease	A 83 Hypertension with heart disease	A 84 Hypertension without heart disease	A 85 Diseases of arteries	A 86 General arteriosclerosis	A 87 Acute upper respiratory infections	A 88 Influenza	A 89 Bronchopneumonia		
OAKLAND	Berkeley	1,646	1	72	3	1,405	1,251	154	51	31	108	64	44
Beverly Hills	-	1	44	-	3	36	33	3	2	2	2	2	-
Birmingham	-	1	90	-	5	72	66	6	5	8	2	9	5
Clawson	-	1	26	-	3	21	20	4	1	1	1	1	-
Farmington	-	1	25	-	1	24	20	4	2	1	1	1	-
Ferndale	-	1	94	-	7	78	69	9	2	7	5	2	-
Hazel Park	-	1	63	-	4	51	45	6	2	6	3	1	-
Holly	-	1	18	-	1	16	15	1	1	1	2	1	-
Huntington Woods	-	1	24	-	3	20	19	1	1	1	1	1	-
Kalgo Harbor	-	1	60	-	1	19	18	1	1	1	1	1	-
Lake Orion	-	1	21	-	1	26	23	3	1	1	1	1	-
Lathrup Village	-	1	9	-	1	8	7	1	1	1	1	1	-
Madison Heights	-	1	28	-	1	1	1	1	1	1	1	1	-
Milford	-	1	290	-	1	253	215	38	5	24	7	22	-
Northville Pt.	-	1	34	-	2	27	20	7	1	4	13	6	-
Novi	-	1	182	-	7	158	145	13	4	13	6	16	-
Oak Park	-	1	60	-	1	54	52	2	1	1	1	1	-
Pleasant Ridge	-	1	15	-	1	14	12	2	1	1	1	1	-
Pontiac	-	1	290	-	1	7	253	215	38	5	24	7	-
Rochester	-	1	34	-	2	27	20	7	1	4	13	6	-
Royal Oak	-	1	182	-	7	158	145	13	4	13	6	16	-
Southfield	-	1	13	-	1	9	7	2	1	1	1	1	-
Troy	-	1	609	-	25	518	464	54	24	42	7	33	-
Walled Lake	-	1	70	-	2	59	53	6	4	5	3	7	-
Balance of County	-	1	42	-	40	38	2	1	1	1	1	1	-
OCEANA	-	1	43	-	2	38	34	4	1	2	1	1	-
OGEMAW	-	1	66	-	1	59	48	11	1	5	1	10	-
ONTONAGON	-	1	17	-	16	14	2	1	1	1	1	1	-
OSCEOLA	-	1	23	-	21	21	1	1	1	1	1	1	-
OSCOLA	-	1	56	-	41	39	2	4	1	1	1	1	-
ONTARIO	-	1	289	-	12	235	219	16	10	32	10	26	-
Gaylord	-	1	38	-	4	28	27	21	2	4	2	4	-
Balance of County	-	1	82	-	6	74	66	8	3	5	4	4	-
ZEEBLAND	-	1	7	-	6	6	6	1	1	2	2	1	-
Balance of County	-	1	10	-	8	119	113	6	5	20	2	15	-
PRESQUE ISLE	-	1	152	-	8	315	303	12	17	23	8	1	-
Rogers City	-	1	197	-	3	174	168	6	2	17	8	23	-
Balance of County	-	1	44	-	30	29	1	1	4	10	1	1	-
ROSCOMMON	-	1	25	-	1	22	21	1	1	1	2	8	-
SAGINAW	-	1	571	-	11	499	480	19	19	41	14	61	-
Cheboygan	-	1	12	-	1	10	9	1	1	1	1	1	-
Saginaw	-	1	362	-	7	315	303	12	17	23	8	1	-
Balance of County	-	1	197	-	3	174	168	6	2	17	8	23	-
ST. CLAIR	-	1	451	-	11	372	346	26	11	57	12	44	-
Algonac	-	1	18	-	1	14	13	2	1	2	1	2	-
Marysville	-	1	27	-	1	22	16	6	4	1	1	2	-
New Baltimore Pt.	-	1	10	-	1	7	6	1	1	1	1	1	-
Port Huron	-	1	3	-	5	154	148	6	1	28	5	19	-
St. Clair	-	1	24	-	1	19	17	2	1	1	1	1	-
Balance of County	-	1	184	-	2	156	146	7	10	10	8	20	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	HEART DISEASE	PNEUMONIA										A103 Infective & herpetic	
		A102 Appendicitis	A101 Gastrectitis & duodenitis	A100 Ulcer of duodenum	A 99 Ulcer of stomach	A 98 Diseases of teeth & structures	A 97 All other respiratory diseases	A 96 Pleurisy	A 95 Empyema & abscesses of lung	A 94 Hyper trophy of tonsils & adenoids	A 93 Bronchitis, bronchiectasis & emphysema	A 92 Acute bronchitis	
ST. JOSEPH	-	193	5	155	140	15	18	15	8	13	8	2	5
Sturgis	-	44	2	38	36	2	2	1	4	2	1	1	2
Three Rivers	-	28	1	20	17	3	3	4	1	1	1	1	1
Balance of County	-	121	1	97	87	10	13	9	3	8	2	2	2
SANTIAC	1	1	152	2	130	124	16	9	11	3	17	6	1
SCHOOLCRAFT	-	43	-	1	37	29	8	3	2	1	2	2	-
Manistique	-	29	1	24	20	4	3	1	1	1	1	1	-
Balance of County	-	14	-	13	9	4	-	1	1	1	1	1	-
SHILOH	-	4	214	8	179	167	12	3	26	8	14	9	5
Cortona	-	15	-	14	13	1	1	1	1	1	1	1	-
Durand	-	1	15	11	4	1	1	2	1	1	1	1	-
Owosso	-	75	-	3	63	62	1	2	7	5	6	2	-
Balance of County	-	105	4	87	81	6	-	14	3	3	3	1	-
TUSCOLA	-	1	172	2	152	135	17	7	11	3	15	12	3
Caro	-	21	-	18	17	1	1	2	2	1	1	4	-
Vassar	-	13	-	9	7	2	1	1	2	1	1	1	-
Balance of County	-	138	-	125	111	14	5	7	3	13	10	4	-
VAN BUREN	-	6	199	3	177	165	12	6	13	4	21	19	2
Paw Paw	-	24	-	22	22	-	1	1	1	1	1	1	-
South Haven	-	1	28	-	23	20	3	1	4	1	9	7	-
Balance of County	-	147	-	132	123	9	4	8	2	12	10	2	-
WASHTENAW	-	6	372	-	312	290	22	17	30	8	39	30	9
Ann Arbor	-	146	4	130	121	9	4	15	11	4	2	1	-
Chelsea	-	21	-	16	14	-	4	2	1	1	1	1	-
Milan P.	-	15	-	13	13	-	1	1	1	1	1	1	-
Ypsilanti	-	53	-	41	37	4	3	5	2	6	5	1	-
Balance of County	-	137	-	112	105	7	9	13	2	17	13	4	-
WAYNE	2	120	9,198	7	345	7,712	7,199	513	242	892	176	464	190
Allendale	-	65	-	4	48	2	1	4	3	1	1	1	-
Dearborn	-	5	352	11	298	288	10	12	31	4	22	10	1
Flat Rock	-	87	6,948	5	5,791	5,416	375	171	722	144	350	210	87
Garden City	-	54	-	42	46	46	-	2	4	4	3	1	-
Grosse Pointe Farms	-	14	-	12	8	4	1	1	1	1	1	1	-
Grosse Pte. Park	-	50	1	3	43	43	-	1	1	1	1	1	-
Hamtramck	-	48	-	39	36	3	5	1	1	1	1	1	-
Lincoln Park	-	37	-	2	34	32	2	1	3	2	1	1	-
Livonia	-	66	-	57	53	4	1	6	6	1	1	1	-
Melvindale	-	32	-	28	26	2	1	1	1	1	1	1	-
Northville Pt.	-	174	1	148	138	10	18	18	3	4	3	1	-
Plymouth	-	31	-	1	26	25	1	4	3	1	2	1	-
River Rouge	-	190	-	7	152	134	18	6	12	4	8	2	-
Riverview	-	9	-	8	8	-	1	1	1	1	1	1	-
Southgate	-	2	49	4	74	66	8	3	6	1	2	2	-
Trenton	-	110	-	95	89	6	6	9	1	1	1	1	-
Wayne	-	1	51	1	45	43	2	1	1	3	2	1	-
Wyandotte	-	11	513	-	126	111	15	3	5	3	2	1	-
WEYFORD	-	1	94	-	3	75	60	15	2	14	3	1	-
Cadillac	-	53	-	1	40	34	6	1	11	3	3	2	-
Balance of County	-	41	-	2	35	26	9	1	1	5	3	1	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	NEPHRITIS & NEPHROSIS	MATERNAL DEATHS												CONGENITAL MALFORMATIONS												
		TOTAL						IMMEDIATE						PREGNANCY-ASSOCIATED						INFECTIVE						
		A110 Gastro-enteritis & colitis, except diarrhea of newborn	2	6	3	1	2	1	1	1	1	1	1	A111 Cerebral infection	1	1	1	1	1	A112 Septicemia & septicemia of preg-	1	1	1	1	1	1
		A112 Septicemia & septicemia of preg-	1	1	1	1	1	1	1	1	1	1	1	A113 Septic shock	1	1	1	1	1	A114 Other septicemia	1	1	1	1	1	1
		A114 Other septicemia	1	1	1	1	1	1	1	1	1	1	1	A115 Hypoplasia & hypoplasia of fetus	1	1	1	1	1	A116 Toxemias of pregnancy & pre-eclampsia	1	1	1	1	1	1
		A116 Toxemias of pregnancy & pre-eclampsia	1	1	1	1	1	1	1	1	1	1	1	A117 Hemorrhage of placenta & chorioamnionitis	1	1	1	1	1	A118 Abortion or ectopic pregnancy	1	1	1	1	1	1
		A118 Abortion or ectopic pregnancy	1	1	1	1	1	1	1	1	1	1	1	A119 Abortion with sepsis	1	1	1	1	1	A120 Other complica- tions of pregnancy, childbirth & puerperium	1	1	1	1	1	1
		A119 Abortion with sepsis	1	1	1	1	1	1	1	1	1	1	1	A121 Infactions of skin & subcutaneous tissues	1	1	1	1	1	A122 Arteritis & spontaneous	1	1	1	1	1	1
		A121 Infactions of skin & subcutaneous tissues	1	1	1	1	1	1	1	1	1	1	1	A123 Measles or rubeola- exanthem & other mal-	1	1	1	1	1	A124 Osteomyelitis & periostitis	1	1	1	1	1	1
		A123 Measles or rubeola- exanthem & other mal-	1	1	1	1	1	1	1	1	1	1	1	A125 Arteritis & angiitis	1	1	1	1	1	A126 All other decrements	1	1	1	1	1	1
		A125 Arteritis & angiitis	1	1	1	1	1	1	1	1	1	1	1	A127 Spina bifida & meningomyelo-	1	1	1	1	1	A128 All other decrements	1	1	1	1	1	1
		A127 Spina bifida & meningomyelo-	1	1	1	1	1	1	1	1	1	1	1	A129 All other decrements -	1	1	1	1	1	A130 All other decrements	1	1	1	1	1	1
		A129 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A131 All other decrements	1	1	1	1	1	A132 All other decrements	1	1	1	1	1	1
		A131 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A133 All other decrements	1	1	1	1	1	A134 All other decrements	1	1	1	1	1	1
		A133 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A135 All other decrements	1	1	1	1	1	A136 All other decrements	1	1	1	1	1	1
		A135 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A137 All other decrements of	1	1	1	1	1	A138 All other decrements	1	1	1	1	1	1
		A137 All other decrements of	1	1	1	1	1	1	1	1	1	1	1	A139 All other decrements	1	1	1	1	1	A140 All other decrements	1	1	1	1	1	1
		A138 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A141 All other decrements	1	1	1	1	1	A142 All other decrements	1	1	1	1	1	1
		A141 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A143 All other decrements	1	1	1	1	1	A144 All other decrements	1	1	1	1	1	1
		A142 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A145 All other decrements	1	1	1	1	1	A146 All other decrements	1	1	1	1	1	1
		A143 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A147 All other decrements	1	1	1	1	1	A148 All other decrements	1	1	1	1	1	1
		A144 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A149 All other decrements	1	1	1	1	1	A150 All other decrements	1	1	1	1	1	1
		A145 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A151 All other decrements	1	1	1	1	1	A152 All other decrements	1	1	1	1	1	1
		A146 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A153 All other decrements	1	1	1	1	1	A154 All other decrements	1	1	1	1	1	1
		A147 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A155 All other decrements	1	1	1	1	1	A156 All other decrements	1	1	1	1	1	1
		A148 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A157 All other decrements	1	1	1	1	1	A158 All other decrements	1	1	1	1	1	1
		A149 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A159 All other decrements	1	1	1	1	1	A160 All other decrements	1	1	1	1	1	1
		A150 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A161 All other decrements	1	1	1	1	1	A162 All other decrements	1	1	1	1	1	1
		A151 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A163 All other decrements	1	1	1	1	1	A164 All other decrements	1	1	1	1	1	1
		A152 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A165 All other decrements	1	1	1	1	1	A166 All other decrements	1	1	1	1	1	1
		A153 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A167 All other decrements	1	1	1	1	1	A168 All other decrements	1	1	1	1	1	1
		A154 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A169 All other decrements	1	1	1	1	1	A170 All other decrements	1	1	1	1	1	1
		A155 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A171 All other decrements	1	1	1	1	1	A172 All other decrements	1	1	1	1	1	1
		A156 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A173 All other decrements	1	1	1	1	1	A174 All other decrements	1	1	1	1	1	1
		A157 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A175 All other decrements	1	1	1	1	1	A176 All other decrements	1	1	1	1	1	1
		A158 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A177 All other decrements	1	1	1	1	1	A178 All other decrements	1	1	1	1	1	1
		A159 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A179 All other decrements	1	1	1	1	1	A180 All other decrements	1	1	1	1	1	1
		A160 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A181 All other decrements	1	1	1	1	1	A182 All other decrements	1	1	1	1	1	1
		A161 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A183 All other decrements	1	1	1	1	1	A184 All other decrements	1	1	1	1	1	1
		A162 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A185 All other decrements	1	1	1	1	1	A186 All other decrements	1	1	1	1	1	1
		A163 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A187 All other decrements	1	1	1	1	1	A188 All other decrements	1	1	1	1	1	1
		A164 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A189 All other decrements	1	1	1	1	1	A190 All other decrements	1	1	1	1	1	1
		A165 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A191 All other decrements	1	1	1	1	1	A192 All other decrements	1	1	1	1	1	1
		A166 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A193 All other decrements	1	1	1	1	1	A194 All other decrements	1	1	1	1	1	1
		A167 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A195 All other decrements	1	1	1	1	1	A196 All other decrements	1	1	1	1	1	1
		A168 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A197 All other decrements	1	1	1	1	1	A198 All other decrements	1	1	1	1	1	1
		A169 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A199 All other decrements	1	1	1	1	1	A200 All other decrements	1	1	1	1	1	1
		A170 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A201 All other decrements	1	1	1	1	1	A202 All other decrements	1	1	1	1	1	1
		A171 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A203 All other decrements	1	1	1	1	1	A204 All other decrements	1	1	1	1	1	1
		A172 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A205 All other decrements	1	1	1	1	1	A206 All other decrements	1	1	1	1	1	1
		A173 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A207 All other decrements	1	1	1	1	1	A208 All other decrements	1	1	1	1	1	1
		A174 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A209 All other decrements	1	1	1	1	1	A210 All other decrements	1	1	1	1	1	1
		A175 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A211 All other decrements	1	1	1	1	1	A212 All other decrements	1	1	1	1	1	1
		A176 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A213 All other decrements	1	1	1	1	1	A214 All other decrements	1	1	1	1	1	1
		A177 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A215 All other decrements	1	1	1	1	1	A216 All other decrements	1	1	1	1	1	1
		A178 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A217 All other decrements	1	1	1	1	1	A218 All other decrements	1	1	1	1	1	1
		A179 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A219 All other decrements	1	1	1	1	1	A220 All other decrements	1	1	1	1	1	1
		A180 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A221 All other decrements	1	1	1	1	1	A222 All other decrements	1	1	1	1	1	1
		A181 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A223 All other decrements	1	1	1	1	1	A224 All other decrements	1	1	1	1	1	1
		A182 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A225 All other decrements	1	1	1	1	1	A226 All other decrements	1	1	1	1	1	1
		A183 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A227 All other decrements	1	1	1	1	1	A228 All other decrements	1	1	1	1	1	1
		A184 All other decrements	1	1	1	1	1	1	1	1	1	1	1	A229 All other decrements	1	1	1	1	1	A230 All other decrements	1	1	1	1	1	1

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

		ARIZONA		CONGENITAL MALFORMATIONS		AL29 All other congenital malformations	
HURON	Bad Axe	Balanced County				8	7
INGHAM	East Lansing					2	1
LANSING						6	6
MASON						18	18
BALANCE OF COUNTY						5	4
IONIA	Beddington					1	1
Tonia						1	1
Fortland						1	1
BALANCE OF COUNTY						1	1
ISOSCO						1	1
IRON	Iron River					1	1
BALANCE OF COUNTY						1	1
ISABELLA	Mount Pleasant					1	1
BALANCE OF COUNTY						1	1
JACKSON	Jackson					1	1
BALANCE OF COUNTY						1	1
KALAMAZOO	Kalamazoo					1	1
BALANCE OF COUNTY						1	1
KALKASKA						1	1
KENT	East Grand Rapids					1	1
GRAND RAPIDS	Grand Rapids					1	1
GRANDVILLE						1	1
LOVELL						1	1
SPARTA						1	1
WYOMING						1	1
BALANCE OF COUNTY						1	1
KENESAW						1	1
LAKE						1	1
LAPER	Laper					1	1
BALANCE OF COUNTY						1	1
LEELANAU						1	1
LENAWEE	Adrian					1	1
BLISSFIELD						1	1
HUDSON						1	1
TECHASHEE						1	1
BALANCE OF COUNTY						1	1
LIVINGSTON	Howell					1	1
BALANCE OF COUNTY						1	1
LUCE	Newberry					1	1
BALANCE OF COUNTY						1	1

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

Area	Category	Code	Cause of Death		Age at Death	Sex	Race	Cause of Death	Code	Cause of Death		Age at Death	Sex	Race	Cause of Death	Code	Cause of Death		Age at Death	Sex	Race
			Count	Percentage						Count	Percentage						Count	Percentage			
MACKINAC	CONGENITAL MALFORMATIONS	A129 All other congenital malformations	1	3	1	-	-	28	1	23	1	-	1	-	-	1	1	1	-	1	-
St. Ignace	CONGENITAL MALFORMATIONS	A128 Congenital malformations of category system	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MACOMB	CONGENITAL MALFORMATIONS	A127 Spina bifida & meningomyelocele	1	1	1	-	-	28	1	23	1	-	1	-	-	1	1	1	-	1	-
Center Line	CONGENITAL MALFORMATIONS	A126 All other diseases of skeleton & muscle-skeletal system	1	1	1	-	-	2	1	1	1	-	1	-	-	1	1	1	-	1	-
East Detroit	CONGENITAL MALFORMATIONS	A125 Ankylosis & contractures of skeletal muscles	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Fraser	CONGENITAL MALFORMATIONS	A124 Osteomyelitis & septicostitis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Mount Clemens	CONGENITAL MALFORMATIONS	A123 Muscular rheumatism & strain & rheumatism	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
New Baltimore	CONGENITAL MALFORMATIONS	A122 Rickets & rachitis & unspecific rickets	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Richmond	CONGENITAL MALFORMATIONS	A121 Infectious skin & subcutaneous tissue & appendicitis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Romeo	CONGENITAL MALFORMATIONS	A120 Other complications of pregnancy, childbirth & the puerperium	1	2	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Rossville	CONGENITAL MALFORMATIONS	A119 Abortion or termination of pregnancy & other complications of pregnancy	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
St. Clair Shores	CONGENITAL MALFORMATIONS	A118 Abortion or termination of pregnancy & other complications of pregnancy	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Warren	CONGENITAL MALFORMATIONS	A117 Hemorrhage of pregnancy & pre-eclampsia	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	CONGENITAL MALFORMATIONS	A116 Toxemias of pregnancy & pre-eclampsia	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MANISTEE	MATERNAL DEATHS	A115 Septicemia of pregnancy & pre-eclampsia	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Manistee	MATERNAL DEATHS	A114 Other diseases of genital system	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	MATERNAL DEATHS	A113 Hemorrhage of genital system	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MASON	MATERNAL DEATHS	A112 Hemorrhage of genital system	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Ludington	MATERNAL DEATHS	A111 Infectious disease of kidney	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	MATERNAL DEATHS	A110 Acute nephritis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MARQUETTE	NEPHROSIS & NEPHRITIS	A109 Chronic, other & unspecified nephritis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Ishpeming	NEPHROSIS & NEPHRITIS	A108 Acute nephritis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Marquette	NEPHROSIS & NEPHRITIS	A107 Other diseases of digestive system	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Negaunee	NEPHROSIS & NEPHRITIS	A106 Cholelithiasis & gallbladder disease	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NEPHROSIS & NEPHRITIS	A105 Cholelithiasis of liver	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MIDLAND	GASTRO-ENTERITIS	A104 Gastro-enteritis & colitis, except diarrhea of newborn	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
Hillman	GASTRO-ENTERITIS	A103 Infectious diarrhoea of newborn	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	GASTRO-ENTERITIS	A102 Infectious diarrhoea of newborn	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MISSAISSEE	NECROSIS	A101 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A100 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BIG RAPIDS	NECROSIS	A99 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A98 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MENTONEE	NECROSIS	A97 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A96 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MONTGOMERY	NECROSIS	A95 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
MILAN PT.	NECROSIS	A94 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A93 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
GREENVILLE	NECROSIS	A92 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A91 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
FRANCIS	NECROSIS	A90 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A89 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
NEWAYGO	NECROSIS	A88 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-
BALANCE OF COUNTY	NECROSIS	A87 Necrosis	1	1	1	-	-	1	1	1	1	-	1	-	-	1	1	1	-	1	-

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

Nephritis & Nephrosis	Area	Maternal Deaths		Congenital Malformations	
		Total	Males	Total	Females
A104 Gastric-enteritis & colitis, except diarrhea of newborn	OAKLAND	42	15	24	1
A105 Gastro-enteritis & colitis, except diarrhea of newborn	Berkeley	2	1	23	3
A106 Cholelithiasis & cholecytostics	Beverly Hills	3	1	3	1
A107 Other diseases of digestive system	Birmingham	1	1	2	1
A108 Acute nephritis	Clawson	1	1	2	1
A109 Chronic, other nephritis, except	Farmington	1	1	1	1
A110 Infections of kidney	Ferndale	1	1	1	1
A111 Galactose intolerance	Hazel Park	2	2	1	1
A112 Hyperplasia urinary system	Holly	1	1	1	1
A113 Toxemias of pregnancy & pre-eclampsia	Huntington Woods	1	1	1	1
A114 Other diseases of genito-urinary system	Keego Harbor	1	1	1	1
A115 Seizures of preg- nancy, chilblain & peripartum	Lake Orion	1	1	1	1
A116 Toxemias of pregnancy & pre-eclampsia	Lathrup Village	1	1	1	1
A117 Hemorrhage of pregnancy & pre-eclampsia	Madison Heights	1	1	1	1
A118 Abortion with or without complications	Millford	1	1	1	1
A119 Abortion with complications	Novi	1	1	1	1
A120 Other complica- tions of pregnancy	Northville Pt.	1	1	1	1
A121 Infections of skin & subcutaneous tissues	Oak Park	1	1	1	1
A122 Atrophy of spondylitis	Pleasant Ridge	1	1	1	1
A123 Muscular rheuma- tism & rheumatism	Pontiac	1	1	1	1
A124 Osteomyelitis & periosteitis	Rochester	1	1	1	1
A125 Myotis & agoutis & periosteitis	Royal Oak	1	1	1	1
A126 Muscular rheuma- tism & rheumatism	Southfield	1	1	1	1
A127 Spina bifida & meningocele	Troy	1	1	1	1
A128 Congenital mal- formations of skeleto- tal system	Walled Lake	1	1	1	1
A129 All other congenital malformations	Balance of County	1	1	1	1
	OCEANA	2	1	2	1
	OGEMAW	1	1	1	1
	ONTONAGON	2	1	2	1
	OSCEOLA	3	1	6	2
	OSCODA	1	1	1	1
	OTSEGO	2	1	1	1
	Gaylord	1	1	1	1
	Balance of County	1	1	1	1
	OTTAWA	5	3	2	1
	Grand Haven	1	1	1	1
	Holland Pt.	1	1	1	1
	Hudsonville	1	1	1	1
	Zeehandale	1	1	1	1
	Balance of County	1	1	1	1
	PRESQUE ISLE	1	1	1	1
	Rogers City	1	1	1	1
	Balance of County	1	1	1	1
	ROSCOMON	1	2	2	1
	SAGINAW	9	11	5	6
	Chesaning	1	1	1	1
	Saginaw	6	4	3	2
	Balance of County	3	4	3	1
	ST. CLAIR	6	10	5	2
	Algoma	1	1	1	1
	Marine City	1	1	1	1
	Marysville	1	1	1	1
	New Baltimore Pt.	2	4	2	1
	Port Huron	1	1	1	1
	St. Clair	3	3	1	1
	Balance of County	4	3	1	1

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

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TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

ACCIDENTS	AREA	ACCIDENTS									
		AEL130	AEL131	AEL132	AEL133	AEL134	AEL135	AEL136	AEL137	AEL138	AEL139
AEL130 Blistch injuries	OAKLAND	24	20	1	1	1	1	1	1	1	1
AEL131 Postaccident asphyxia & asphyctasis	-	72	2	1	1	1	1	1	1	1	1
AEL132 Infections of newboron	-	1	2	3	4	4	5	5	6	7	3
AEL133 Hemolytic diseasee of newbornon	-	6	6	6	6	6	5	5	5	5	3
AEL134 All other diseasee of newbornon	-	1	1	1	1	1	1	1	1	1	1
AEL135 Ill-defined diseasees peculiar to early infancy & immaturity	-	3	1	1	1	1	1	1	1	1	1
AEL136 Severe without mention of psychosocial factors	-	9	1	1	1	1	1	1	1	1	1
AEL137 Ill-defined & unknown mortality	-	1	1	1	1	1	1	1	1	1	1
AEL138 Motor vehicle accidents	Total	281	150	12	11	42	2	5	2	3	1
AEL139 Other transport accidents	Falls	150	6	4	4	1	1	1	1	1	1
AEL140 Accidental poisonings	Accidental fatalities	11	4	1	1	1	1	1	1	1	1
AEL141 Accidental caused by mechanical failure	Accidental causes	19	1	1	1	1	1	1	1	1	1
AEL142 Accidental caused by fire & explosive substances	Other accidents	2	1	1	1	1	1	1	1	1	1
AEL143 Accidental caused by hot substances, corrosive liquids, steam & radiation	Chemical burns	5	1	1	1	1	1	1	1	1	1
AEL144 Accidental caused by hot substances, corrosive liquids, steam & radiation	Steam & radiation	2	1	1	1	1	1	1	1	1	1
AEL145 Accidental caused by fire & explosive substances	Explosives	3	1	1	1	1	1	1	1	1	1
AEL146 Accidental caused by electric shock	Electrical accidents	14	8	1	1	1	1	1	1	1	1
AEL147 Accidental drowning & submersion	Drowning & submersion	13	5	1	1	1	1	1	1	1	1
AEL148 Motor vehicle accidents	Motor vehicle accidents	12	7	1	1	1	1	1	1	1	1
AEL149 Hospitalized & injured	Hospitalized & injured	13	3	2	1	1	1	1	1	1	1
AEL150 Injury resulting from other persons (not in war)	Other persons	15	6	4	3	2	1	1	1	1	1

TABLE 8 - DEATHS BY CAUSE AND RESIDENCE (Continued)

AREA	ACCIDENTS	DEATHS FROM ACCIDENTS									
		AEL10	AEL11	AEL12	AEL13	AEL14	AEL15	AEL16	AEL17	AEL18	AEL19
ST. JOSEPH	10	4	1	1	1	1	1	1	1	1	1
Sturgis	1	3	1	1	1	1	1	1	1	1	1
Three Rivers	1	7	1	1	1	1	1	1	1	1	1
Balance of County	2	2	1	1	1	1	1	1	1	1	1
SANTIAC	2	2	1	1	1	1	1	1	1	1	1
SCHOOLCRAFT	2	1	1	1	1	1	1	1	1	1	1
Manistique	1	1	1	1	1	1	1	1	1	1	1
Balance of County	1	3	1	1	1	1	1	1	1	1	1
SHIAWASSEE	6	8	1	7	1	1	1	1	1	1	1
Corunna	1	2	1	1	1	1	1	1	1	1	1
Durand	1	1	1	1	1	1	1	1	1	1	1
Oswego	1	2	1	1	1	1	1	1	1	1	1
Balance of County	2	6	1	5	1	1	1	1	1	1	1
TUSCOLA	3	10	2	8	1	1	1	1	1	1	1
Caro	1	2	1	1	1	1	1	1	1	1	1
Vassar	1	1	1	1	1	1	1	1	1	1	1
Balance of County	1	1	1	1	1	1	1	1	1	1	1
VAN BUREN	4	1	1	1	1	1	1	1	1	1	1
Paw Paw	1	1	1	1	1	1	1	1	1	1	1
South Haven	1	1	1	1	1	1	1	1	1	1	1
Balance of County	1	1	1	1	1	1	1	1	1	1	1
WASHBURN	10	11	1	2	2	2	2	2	2	2	2
Ann Arbor	4	1	1	1	1	1	1	1	1	1	1
Chelsea	1	1	1	1	1	1	1	1	1	1	1
Milan Pt.	1	4	1	1	1	1	1	1	1	1	1
Ypsilanti	1	1	1	1	1	1	1	1	1	1	1
Balance of County	5	6	1	1	1	1	1	1	1	1	1
WAYNE	203	284	66	53	3	10	27	20	544	55	489
Allan Park	2	1	2	2	1	1	1	1	6	1	1
Dearborn	9	9	5	4	1	1	1	1	9	2	7
Detroit	130	176	36	28	1	7	14	15	390	37	353
Ecorse	2	3	1	1	1	1	1	1	2	2	1
Flat Rock	1	3	1	1	1	1	1	1	2	1	1
Garden City	4	10	2	2	1	1	1	1	11	1	1
Grosse Pointe	10	1	1	1	1	1	1	1	1	1	1
Lincoln Park	6	5	1	1	1	1	1	1	17	2	1
Livonia	5	9	3	3	1	1	1	1	6	1	1
Melvindale	1	2	1	1	1	1	1	1	13	1	1
Northville Pt.	2	4	1	1	1	1	1	1	1	1	1
Plymouth	1	1	1	1	1	1	1	1	1	1	1
Harper Woods	1	1	1	1	1	1	1	1	1	1	1
Highland Park	1	1	1	1	1	1	1	1	1	1	1
Inkster	6	5	1	1	1	1	1	1	1	1	1
Grosse Pines Park	1	1	1	1	1	1	1	1	1	1	1
Grosse Pines Woods	1	1	1	1	1	1	1	1	1	1	1
Hamtramck	2	4	1	1	1	1	1	1	1	1	1
Trenton	2	2	1	1	1	1	1	1	1	1	1
Wyandotte	5	3	1	1	1	1	1	1	14	1	1
Balance of County	22	37	9	9	3	3	3	3	46	6	40
WEXFORD	1	1	1	1	1	1	1	1	4	1	1
Cadillac	1	1	1	1	1	1	1	1	3	1	1
Balance of County	-	-	-	-	-	-	-	-	1	1	-

Note: There are a few cities in the above list for which birth and death statistics are not listed separately for 1960 but are included with those for the balance of the county. This is due to the fact that the 1960 census indicated that either these cities became incorporated with a population of 2,500 or more during the past decade or increased sufficiently to be listed separately in 1960. However, this revised list was not available in time for classification of vital statistics for the entire year of 1960.

TABLE 9 - LIVE BIRTHS, DEATHS, FETAL DEATHS, MARRIAGES, DIVORCES, AND RATES BY COUNTY: POPULATION
MICHIGAN, 1960

(Deaths exclusive of fetal deaths. Births and deaths by county of occurrence and residence. Fetal deaths by county of residence.
Marriages by county of license. Divorces by county of decree. Birth rates, death rates, rates of persons married,
and rates of persons divorced per 1,000 population. Fetal death ratios per 1,000 live births.)

AREA	POPULATION Apr. 1, 1960 Census	L I V E B I R T H S				D E A T H S				F E T A L D E A T H S			M A R R I A G E S		D I V O R C E S *	
		O c c u r r e n c e N u m b e r		R e s i d e n c e R a t e		O c c u r r e n c e N u m b e r		R e s i d e n c e R a t e		R e s i d e n c e N u m b e r	R a t i o	N u m b e r	R a t e P e r s o n s M a r r i e d	N u m b e r	R a t e P e r s o n s D i v o r c e d	
		S T A T E	7,823,194	193,852	24.8	195,056	24.9	67,470	8.6	67,912	8.7	3,008	15.4	61,090	15.6	16,656
Alcona	6,352	74	11.6	159	25.0	38*	6.0	69*	10.9	-	0	34	10.7	5	1.6	
Alger	9,250	115	12.4	177	19.1	77*	8.3	101	10.9	2	11.3	69	14.9	12	2.6	
Allegan	57,729	1,015	17.6	1,391	24.1	431*	7.5	546*	9.5	17	12.2	430	14.9	83	2.9	
Alpena	28,556	988	34.6	870	30.5	278*	9.7	265*	9.3	12	13.8	231	16.2	36	2.5	
Anttrim	10,373	106	10.2	220	21.2	112*	10.8	156	15.0	6	27.3	89	17.2	24	4.6	
Arenac	9,860	136	13.8	231	23.4	129*	13.1	131*	13.3	-	0	82	16.6	8	1.6	
Baraga	7,151	169	23.6	149	20.8	104*	14.5	102*	14.3	1	6.7	62	17.3	8	2.2	
Barry	31,738	556	17.5	738	23.3	295*	9.3	346*	10.9	9	12.2	232	14.6	65	4.1	
Bay	107,042	3,055	28.5	2,891	27.0	921	8.6	882*	8.2	29	10.0	855	16.0	195	3.6	
Benzie	7,834	174	22.2	176	22.5	112*	14.3	122*	15.6	5	28.4	83	21.2	13	3.3	
Berrien	149,865	3,861	25.8	3,862	25.8	1,320	8.8	1,398*	9.3	47	12.2	1,666	22.2	369	4.9	
Branch	34,903	691	19.8	696	19.9	418*	12.0	377*	10.8	6	8.6	353	20.2	70	4.0	
Calhoun	138,858	3,819	27.5	3,394	24.4	1,400*	10.1	1,287*	9.3	52	15.3	1,261	18.2	464	6.7	
Cass	36,932	322	8.7	702	19.0	251	6.8	338*	9.2	11	15.7	312	16.9	83	4.5	
Charlevoix	13,421	210	15.6	316	23.5	149*	11.1	192*	14.3	3	9.5	115	17.1	22	3.3	
Cheboygan	14,550	330	22.7	397	27.3	124*	8.5	160*	11.0	5	12.6	122	16.8	23	3.2	
Chippewa	32,655	941	28.8	965	29.6	308*	9.4	328*	10.0	17	17.6	294	18.0	33	2.0	
Clare	11,647	364	31.3	299	25.7	116*	10.0	131*	11.2	4	13.4	97	16.7	24	4.6	
Clinton	37,969	475	12.5	986	26.0	255	6.7	318*	8.4	13	13.2	245	12.9	46	2.4	
Crawford	4,971	219	44.1	141	28.4	73*	14.7	53*	10.7	4	28.4	54	21.7	14	5.6	
Delta	34,298	890	25.9	863	25.2	324*	9.4	376*	11.0	16	18.5	296	17.3	49	2.9	
Dickinson	23,917	732	30.6	516	21.6	368*	15.4	254*	10.6	4	7.8	216	18.1	38	3.2	
Eaton	49,684	690	13.9	1,165	23.4	326*	6.6	419*	8.4	15	12.9	352	14.2	128	5.2	
Emmet	15,904	576	36.2	403	25.3	286*	18.0	209*	13.1	7	17.4	134	16.9	28	3.5	
Genesee	374,313	10,752	28.7	10,534	28.1	2,668	7.1	2,796*	7.5	162	15.4	2,932	15.7	1,017	5.4	
Gladwin	10,769	106	9.8	251	23.3	113*	10.5	108*	10.0	6	23.9	89	16.5	8	1.5	
Gogebic	24,370	598	24.5	441	18.1	347*	14.2	357*	14.6	13	29.5	213	17.5	20	1.6	
Grand Traverse	33,490	1,077	32.2	692	20.7	692*	20.7	326*	9.7	11	15.9	300	17.9	81	4.8	
Gratiot	37,012	822	22.2	946	25.6	393*	10.6	356*	9.6	18	19.0	287	15.5	60	3.2	
Hillsdale	34,742	556	16.0	812	23.4	321	9.2	389*	11.2	9	11.1	318	18.3	55	3.2	
Houghton	35,654	724	20.3	680	19.1	516*	14.5	524*	14.7	7	10.3	244	13.7	30	1.7	
Huron	34,006	740	21.8	773	22.7	345*	10.1	369	10.9	12	15.5	229	13.5	10	0.6	
Ingham	211,296	6,607	31.3	5,608	26.5	1,693	8.0	1,652*	7.8	74	13.2	1,951	18.5	582	5.5	
Ionia	43,132	578	13.4	995	23.1	339*	7.9	434*	10.1	10	10.1	309	14.3	46	2.1	
Iosco	16,505	579	35.1	581	35.2	149*	9.0	163*	9.9	12	20.7	158	19.1	30	3.6	
Iron	17,184	311	18.1	302	17.6	223*	13.0	245*	14.3	5	16.6	133	15.5	21	2.4	
Isabella	35,348	821	23.2	879	24.9	268*	7.6	285*	8.1	18	20.5	304	17.2	35	2.0	
Jackson	131,994	3,276	24.8	3,159	23.9	1,204	9.1	1,222*	9.3	47	14.9	1,080	16.4	382	5.8	
Kalamazoo	169,712	4,173	24.6	4,268	25.1	1,442*	8.5	1,246*	7.3	66	15.5	1,370	16.1	473	5.6	
Kalkaska	4,382	81	18.5	91	20.8	48*	11.0	64*	14.6	5	54.9	36	16.4	6	2.7	
Kent	363,187	10,370	28.6	9,640	26.5	3,338*	9.2	3,120*	8.6	104	10.8	2,814	15.5	547	3.0	
Keweenaw	2,417	-	0	44	18.2	12*	5.0	39*	16.1	-	0	19	15.7	3	2.5	
Lake	5,338	11	2.1	97	18.2	46*	8.6	92*	17.2	2	20.6	43	16.1	10	3.7	
Lapeer	41,926	837	20.0	953	22.7	371*	8.8	393*	9.4	17	17.8	325	15.5	68	3.2	
Leelanau	9,321	36	3.9	223	23.9	69*	7.4	106*	11.4	6	26.9	53	11.4	6	1.3	
Lenawee	77,789	1,990	25.6	1,782	22.9	724*	9.3	758*	9.7	27	15.2	623	16.0	138	3.5	
Livingston	38,233	776	20.3	963	25.2	307*	8.0	359*	9.4	20	20.8	258	13.5	72	3.8	
Luce	7,827	156	19.9	127	16.2	219*	28.0	97*	12.4	3	23.6	47	12.0	-	0	
Mackinac	10,853	226	20.8	278	25.6	73*	6.7	102*	9.4	5	18.0	68	12.5	16	2.9	
Macomb	405,804	5,392	13.3	12,777	31.5	1,638*	4.1	2,265*	5.6	173	13.5	2,285	11.3	648	3.2	
Manistee	19,042	460	24.2	479	25.2	222*	11.7	241*	12.7	8	16.7	130	13.7	25	2.6	
Marquette	56,154	1,465	26.1	1,414	25.2	543*	9.7	547*	9.7	20	14.1	402	14.3	64	2.3	
Mason	21,929	454	20.7	476	21.7	223*	10.2	252*	11.5	10	21.0	149	13.6	42	3.8	
Mecosta	21,051	394	18.7	491	23.3	199*	9.5	216*	10.3	10	20.4	171	16.2	29	2.8	
Menominee	24,685	692	28.0	526	21.3	299*	12.1	296*	12.0	6	11.4	290	23.5	25	2.0	
Midland	51,450	1,453	28.2	1,453	28.2	251*	4.9	294*	5.7	17	11.7	341	13.3	65	2.5	
Missaukee	6,784	2	0.3	158	23.3	31*	4.6	90*	13.3	2	12.7	60	17.7	9	2.7	
Monroe	101,120	1,582	15.6	2,533	25.0	539*	5.3	800*	7.9	53	20.9	2,511	49.7	131	2.6	
Montcalm	35,795	1,485	41.5	858	24.0	426*	11.9	428*	12.0	10	11.7	319	17.8	68	3.8	
Montgomery	4,424	6	1.4	88	19.9	26*	5.9	66*	14.9	2	22.7	37	16.7	8	3.6	
Muskegon	149,943	3,909	26.1	4,101	27.4	1,129	7.5	1,203*	8.0	61	14.9	1,300	17.3	373	5.0	
Newaygo	24,160	650	26.9	598	24.8	276*	11.4	282*	11.7	9	15.1	189	15.6	39	3.2	
Oakland	690,259	10,880	15.8	17,756	25.7	3,617	5.2	4,245*	6.1	241	13.6	4,179	12.1	1,615	4.7	
Oceana	16,547	550	33.2	430	26.0	173*	10.5	191*	11.5	3	7.0	129	15.6	31	3.7	
Ogemaw	9,680	399	41.2	259	26.8	145*	15.0	113*	11.7	2	7.7	87	18.0	10	2.1	
Ontonagon	10,584	158	14.9	240	22.7	39*	9.4	128*	12.1	4	16.7	67	12.7	8	1.5	
Osceola	13,595	283	20.8	300	22.1	181*	13.3	177*	13.0	5	16.7	90	13.2	19	2.8	
Oscoda	3,447	41	11.9	74	21.5	27*	7.8	35*	10.2	1	13.5	28	16.2	3	1.7	
Otsego	7,545	226	30.0	188	24.9	100*	13.3	82*	10.9	2	10.6	66	17.5	11	2.9	
Ottawa	98,719	2,337	23.7	2,585	26.2	709	7.2	786*	8.0	46	17.8	760	15.4	119	2.4	
Presque Isle	13,117	357	27.2	335	25.5	120*	9.1	139*	10.6	4	11.9	103	15.7	14	2.1	
Roscommon	7,200	10	1.4	156	21.											

TABLE 10 - LIVE BIRTHS BY LEGITIMACY AND IMMATURITY, FETAL DEATHS, DEATHS UNDER 1 YEAR BY AGE GROUPS, MATERNAL DEATHS, AND RATES BY COUNTY OF RESIDENCE
MICHIGAN, 1960

(Illegitimate and immature birth ratios, fetal death ratios, and death rates under 1 year by age groups per 1,000 live births.
Maternal death rates per 10,000 live births.)

AREA	L I V E B I R T H S				FETAL DEATHS		D E A T H S				Maternal Number Rate						
	Total		Illegitimate		Immature				Infant								
	Number	Number	Ratio	Number	Ratio	Number	Ratio	Under 1 Day Number Rate	Under 1 Week Number Rate	Under 28 Days Number Rate	Under 1 Year Number Rate						
STATE	195,056	7,200	36.9	14,053	72.0	3,008	15.4	2,069	10.6	3,239	16.6	3,580	18.4	4,702	24.1	75	3.8
Alcona	159	3	18.9	4	25.2	-	0	3	18.9	3	18.9	3	18.9	-	0	-	0
Alger	177	-	0	10	56.5	2	11.3	1	5.6	2	11.3	3	16.9	-	0	-	0
Allegan	1,391	27	19.4	94	67.6	17	12.2	26	18.7	33	23.7	36	25.9	48	34.5	-	0
Alpena	870	19	21.8	47	54.0	12	13.8	8	9.2	9	10.3	10	11.5	16	18.4	-	0
Antrim	220	6	27.3	10	45.5	6	27.3	1	4.5	1	4.5	1	4.5	3	13.6	-	0
Arenac	231	7	30.3	17	73.6	-	0	2	8.7	6	26.0	7	30.3	8	34.6	-	0
Baraga	149	4	26.8	13	87.2	1	6.7	2	13.4	2	13.4	3	20.1	-	0	-	0
Barry	738	15	20.3	42	56.9	9	12.2	2	2.7	10	13.6	11	14.9	15	20.3	-	0
Bay	2,891	79	27.3	170	58.8	29	10.0	28	9.7	44	15.2	45	15.6	52	18.0	1	3.5
Benzie	176	4	22.7	15	85.2	5	28.4	2	11.4	3	17.0	3	17.0	5	28.4	-	0
Berrien	3,862	147	38.1	301	77.9	47	12.2	39	10.1	67	17.3	75	19.4	95	24.6	3	7.8
Branch	696	13	18.7	43	61.8	6	8.6	7	10.1	13	18.7	14	20.1	19	27.3	-	0
Calhoun	3,394	122	35.9	264	77.8	52	15.3	37	10.9	56	16.5	61	18.0	89	26.2	1	2.9
Cass	702	35	49.9	65	92.6	11	15.7	7	10.0	10	14.2	11	15.7	18	25.6	1	14.2
Charlevoix	316	8	25.3	22	69.6	3	9.5	4	12.7	6	19.0	7	22.2	9	28.5	-	0
Cheboygan	397	6	15.1	25	63.0	5	12.6	4	10.1	7	17.6	8	20.2	10	25.2	-	0
Chippewa	965	21	21.8	69	71.5	17	17.6	17	17.6	24	24.9	27	28.0	34	35.2	-	0
Clare	299	9	30.1	17	56.9	4	13.4	1	3.3	2	6.7	3	10.0	5	16.7	-	0
Clinton	986	11	11.2	50	50.7	7	17.4	6	6.1	11	11.2	14	14.2	17	17.2	-	0
Crawford	141	3	21.3	9	63.8	4	28.4	-	0	1	7.1	1	7.1	3	21.3	-	0
Delta	863	13	15.1	51	59.1	16	18.5	12	13.9	14	16.2	17	19.7	20	23.2	1	11.6
Dickinson	516	12	23.3	22	42.6	4	7.8	4	7.8	10	19.4	11	21.3	12	23.3	-	0
Eaton	1,165	26	22.3	51	43.8	15	12.9	3	2.6	6	5.2	6	8.6	-	0	-	0
Emmet	403	21	52.1	33	81.9	7	17.4	6	14.9	9	22.3	11	27.3	12	29.8	-	0
Genesee	10,534	391	37.1	771	73.2	162	15.4	134	12.7	197	18.7	210	19.9	280	26.6	3	2.8
Gladwin	251	5	19.9	14	55.8	6	23.9	2	8.0	4	15.9	4	15.9	6	23.9	-	0
Gogebic	441	5	11.3	24	54.4	13	29.5	2	4.5	5	11.3	5	11.3	8	18.1	-	0
Grand Traverse	692	25	36.1	43	62.1	11	15.9	6	8.7	13	18.8	14	20.2	17	24.6	-	0
Gratiot	946	22	23.3	41	43.3	18	19.0	7	7.4	13	13.7	17	18.0	19	20.1	1	10.6
Hillsdale	812	17	20.9	44	54.2	9	11.1	9	11.1	14	17.2	18	22.2	22	27.1	1	12.3
Houghton	680	12	17.6	46	67.6	7	10.3	13	19.1	18	26.5	19	27.9	22	32.4	-	0
Huron	773	10	12.9	36	46.6	12	15.5	2	2.6	6	7.8	6	7.8	11	14.2	-	0
Ingham	5,608	161	28.7	379	67.6	74	13.2	52	9.3	90	16.0	97	17.3	129	23.0	2	3.6
Ionia	995	21	21.1	75	75.4	10	10.1	12	12.1	19	19.1	21	21.1	28	28.1	-	0
Iosco	581	6	10.3	28	48.2	12	20.7	5	8.6	10	17.2	12	20.7	13	22.4	-	0
Iron	302	3	9.9	12	39.7	5	16.6	2	6.6	4	13.2	4	13.2	16.6	-	-	0
Isabella	879	15	17.1	48	54.6	18	20.5	9	10.2	20	22.8	21	23.9	30	34.1	-	0
Jackson	3,159	133	42.1	222	70.3	47	14.9	30	9.5	45	14.2	48	15.2	68	21.5	1	3.2
Kalamazoo	4,268	127	29.8	251	58.8	66	15.5	25	5.9	46	10.8	51	11.9	68	15.9	-	0
Kalkaska	91	1	11.0	4	44.0	5	54.9	-	0	2	22.0	3	33.0	3	33.0	-	0
Kent	9,640	260	27.0	641	66.5	104	10.8	107	11.1	153	15.9	168	17.4	215	22.3	2	2.1
Keweenaw	44	1	22.7	5	113.6	-	0	-	0	-	0	-	0	1	227.3	-	0
Lake	97	7	72.2	10	103.1	2	20.6	-	0	1	10.3	1	10.3	2	20.6	-	0
Lapeer	953	16	16.8	55	57.7	17	17.8	4	4.2	10	10.5	12	12.6	19	19.9	-	0
Leelanau	223	4	17.9	15	67.3	6	26.9	-	0	2	9.0	2	9.0	6	26.9	-	0
Lenawee	1,782	34	19.1	114	64.0	27	15.2	15	8.4	30	16.8	40	22.4	53	29.7	-	0
Livingston	963	26	27.0	61	63.3	20	20.8	7	7.3	11	11.4	12	12.5	18	18.7	-	0
Luce	127	7	55.1	13	102.4	3	23.6	1	7.9	3	23.6	3	23.6	3	23.6	-	0
Mackinac	278	5	18.0	11	39.6	5	18.0	5	18.0	8	28.8	9	32.4	11	39.6	-	0
Macomb	12,777	195	15.3	829	64.9	173	13.5	125	9.8	194	15.2	215	16.8	274	21.4	3	2.3
Manistee	479	4	8.4	23	48.0	8	16.7	4	8.4	6	12.5	8	16.7	13	27.1	-	0
Marquette	1,414	25	17.7	89	62.9	20	14.1	6	4.2	10	7.1	12	8.5	18	12.7	2	14.1
Mason	476	12	25.2	23	48.3	10	21.0	5	10.5	10	21.0	10	21.0	14	29.4	-	0
Mecosta	491	14	28.5	31	63.1	10	20.4	7	14.3	11	22.4	13	26.5	16	32.6	-	0
Nemoninee	526	6	11.4	27	51.3	6	11.4	7	13.3	7	13.3	9	17.1	11	20.9	-	0
Midland	1,453	15	10.3	62	42.7	17	11.7	7	4.8	10	6.9	13	8.9	16	11.0	-	0
Missaukee	158	1	6.3	13	82.3	2	12.7	4	25.3	4	25.3	5	31.6	-	0	-	0
Monroe	2,533	37	14.6	170	67.1	53	20.9	40	15.8	53	20.9	61	24.1	73	28.8	-	0
Montcalm	858	20	23.3	48	55.9	10	11.7	5	5.8	11	12.8	13	15.2	17	19.8	1	11.7
Montgomery	88	2	22.7	9	102.3	2	22.7	2	22.7	2	22.7	2	22.7	2	22.7	-	0
Muskegon	4,101	168	41.0	247	60.2	61	14.9	34	8.3	60	14.6	67	16.3	96	23.4	3	7.3
Newaygo	598	19	31.8	30	50.2	9	15.1	5	8.4	7	11.7	8	13.4	9	15.1	-	0
Oakland	17,756	469	26.4	1,217	68.5	241	13.6	157	8.8	239	13.5	262	14.8	354	19.9	6	3.4
Oceana	430	8	18.6	27	62.8	3	7.0	6	14.0	7	16.3	7	16.3	13	30.2	-	0
Ogemaw	259	4	15.4	12	46.3	2	7.7	-	0	1	3.9	2	7.7	4	15.4	-	0
Ontonagon	240	5	20.8	11	45.8	4	16.7	2	8.3	5	20.8	6	25.0	7	29.2	-	0
Osceola	300	10	33.3	16	53.3	5	16.7	2	6.7	3	10.0	3	10.0	5	16.7	-	0
Oscola	74	1	13.5	2	27.0	1	13.5	-	0	-	0	-	0	-	0	-	0
Otsego	188	4	21.3	14	74.5	2	10.6	4	21.3	5	26.6	5	26.6	7	37.2	-	0
Ottawa	2,585	35	13.5	99	38.3	46	17.8	22	8.5	37	14.3	41	15.9	50	19.3	-	0
Presque Isle	335	5	14.9	21	62.7	4	11.9	9	26.9	12	35.8	12	35.8	16	47.8	-	0
Roscommon	156	5	32.1	10	64.1	2	12.8	1	6.4	1	6.4	2	12.8	4	25.6	-	0
Saginaw	5,232	208	39.8	454	86.8	87	16.6	53	10.1	94	18.0	104	19.9	143	27.3	1	1.9
St. Clair	2,514	70	27.8	150													

TABLE 11 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY LEGITIMACY AND IMMATURITY, FETAL DEATHS, DEATHS UNDER 1 YEAR BY AGE GROUPS, MATERNAL DEATHS, AND RATES (OR RATIOS) BY RESIDENCE FOR CITIES OF 10,000 POPULATION OR MORE: POPULATION MICHIGAN, 1960

(Deaths exclusive of fetal deaths. Birth and death rates per 1,000 population. Illegitimate and immature birth ratios, fetal death ratios, and death rates under 1 year by age groups per 1,000 live births. Maternal death rates per 10,000 live births.)

CITIES (10,000 Population or More)	POPULATION Apr. 1, 1960 Census	L I V E B I R T H S					FETAL DEATHS Residence Number Ratio	D E A T H S							
		O c c u r r e n c e		R e s i d e n c e				O c c u r r e n c e		R e s i d e n c e					
		Total Number	Rate	Number	Rate	Number	Ratio	Total Number	Rate	All Ages Number	Under 1 Day Number	Under 1 Week Number	Under 28 Days Number	Under 1 Year Number	Maternal Number
500,000 or More															
Detroit	1,670,144	50,784	30.4	36,096	21.6	3,119	86.4	3,548	98.3	733	20.3	17,572	10.5	18,093	10.8
100,000 - 499,999															
Dearborn	112,007	3,634	32.4	3,703	33.1	72	19.4	219	59.1	44	11.9	617	5.5	866	7.7
Flint	196,940	10,532	53.5	5,479	27.8	314	57.3	436	79.6	91	16.6	2,116	10.7	1,715	8.7
Grand Rapids	177,313	7,353	41.5	4,982	28.1	26	43.4	358	71.9	72	14.5	2,174	12.3	2,007	11.3
Lansing	107,807	5,721	53.1	2,894	26.8	111	38.4	215	74.3	45	15.5	1,243	11.5	1,028	9.5
50,000 - 99,999															
Ann Arbor	67,340	3,570	53.0	1,696	25.2	30	17.7	86	50.7	18	10.6	1,293	19.2	426	6.3
Bay City	53,604	3,042	56.7	1,614	26.4	54	38.2	104	73.6	13	9.2	731	13.6	568	10.6
Jackson	50,720	3,243	63.9	1,361	26.8	95	69.8	100	73.5	22	16.2	845	16.7	619	12.2
Kalamazoo	82,089	3,975	48.4	2,181	26.6	100	45.9	145	66.5	31	14.2	1,136	13.8	743	9.1
Lincoln Park	53,933	1,895	35.1	1,331	24.7	28	21.0	101	75.9	19	14.3	357	6.6	295	5.5
Livonia	66,702	1,498	22.5	2,151	32.2	23	10.7	148	68.8	15	7.0	308	4.6	326	4.9
Pontiac	82,233	7,060	85.9	2,568	31.2	171	66.6	225	87.6	43	16.7	1,564	19.0	722	8.8
Roseville	50,195	5	0.1	1,549	30.9	14	9.0	92	59.4	25	16.1	24	0.5	221	4.4
Royal Oak	80,612	3,133	38.9	2,031	25.2	37	18.2	111	54.7	20	9.8	821	10.2	466	5.8
Saginaw	98,265	5,416	55.1	2,696	27.4	169	62.7	252	93.5	49	18.2	1,272	12.9	985	10.0
St. Clair Shores	76,657	6	0.1	2,434	31.8	25	10.3	140	57.5	36	14.8	109	1.4	328	4.3
Warren	89,246											10	1.4	26	10.7
25,000 - 49,999															
Allen Park	37,052	2	0.1	728	19.6	13	17.9	40	54.9	6	8.2	629	17.0	182	4.9
Battle Creek	48,774	2,390	69.0	1,201	24.6	75	62.4	108	89.9	24	20.0	572	15.4	577	11.8
Birmingham	25,525	3	0.1	821	32.2	8	9.7	53	64.6	15	18.3	42	1.6	221	8.7
East Detroit	45,756	-	0	1,070	23.4	15	14.0	64	59.8	20	18.7	76	1.7	217	4.7
East Lansing	30,198	3	0.1	823	27.3	5	6.1	44	53.6	10	12.2	31	1.0	94	3.1
Ferndale	31,347	399	12.7	838	26.7	55	65.6	72	85.9	13	15.5	110	3.5	275	8.8
Garden City	38,017	1,256	33.0	1,968	51.8	18	9.1	132	67.1	27	13.7	73	1.9	172	4.5
Hamtramck	34,137	707	20.7	693	20.3	25	36.1	49	70.7	14	20.2	308	9.0	435	12.7
Hazel Park	25,631	-	0	668	26.1	13	19.5	54	80.8	10	15.0	40	1.6	164	6.4
Highland Park	38,063	5,217	137.1	856	17.2	35	53.4	56	85.4	12	18.3	933	24.5	462	12.1
Inkster	39,097	5	0.1	1,367	35.0	58	42.4	140	102.4	24	17.6	35	0.9	215	5.5
Madison Heights	33,343	6	0.2	4,415	42.4	12	8.5	89	62.9	16	11.3	21	0.6	130	3.9
Midland	27,779	1,448	52.1	823	29.6	7	8.5	37	45.0	11	13.4	191	6.9	143	5.1
Muskegon	46,485	3,896	83.8	1,315	28.3	95	72.2	84	63.9	14	10.6	821	17.5	518	11.3
Oak Park	36,632	1	0.0	827	22.6	5	6.0	42	50.8	11	13.3	25	0.7	150	4.1
Port Huron	36,084	1,593	44.1	949	26.3	39	41.1	49	51.6	16	16.9	647	17.9	451	12.5
Southfield	31,501											4	4.2	7	7.4
Southgate	29,404											16	13.9	366	8.4
Wyandotte	43,519	2,604	59.8	1,148	26.4	33	28.7	78	67.9	16	13.9	428	9.8	366	8.4
Wyoming	45,829	-	0	382	8.3	2	5.2	26	68.1	8	20.5	56	1.2	158	3.4
10,000 - 24,999												16	13.9	16	20.2
Adrian	20,347	1,074	52.8	495	24.3	15	30.3	30	60.6	7	14.1	282	13.9	206	10.1
Albion	12,749	663	52.0	328	25.7	16	48.8	23	70.1	4	12.2	166	13.0	145	11.4
Alpena	14,682	988	67.3	407	27.7	11	27.0	29	71.3	4	9.8	223	15.2	5	12.3
Benton Harbor	19,136	890	46.5	812	42.4	69	85.0	64	78.8	19	23.4	288	15.1	215	11.2
Berkley	23,275	-	0	559	24.0	9	16.1	37	66.2	7	12.5	25	1.1	122	5.2
Cadillac	10,112	644	63.7	260	25.7	3	11.5	16	61.5	1	3.8	199	19.7	109	10.8
Center Line	10,164	1	0.1	278	27.4	6	21.6	22	79.1	2	7.2	10	1.0	49	4.8
Clawson	14,795	464	31.4	5	10.8	32	69.0	7	15.1	12	0.8	405	6.1	40	4.1
East Grand Rapids	10,924	2,990	273.7	172	15.7	-	0	12	69.8	-	0	471	43.1	63	5.8
Ecorse	17,328	5	0.3	507	29.3	24	47.3	58	114.4	5	9.9	35	2.0	156	9.0
Escanaba	15,391	885	57.5	417	27.1	7	16.8	30	71.9	8	19.2	233	15.1	187	12.1
Grand Haven	11,066	680	61.4	261	23.6	5	19.2	4	15.3	137	12.4	107	9.7	1	3.8
Grosse Pte. Farms	12,172	783	64.3	113	9.3	2	17.7	4	35.4	5	44.2	182	15.0	116	9.5
Grosse Pte. Park	15,457	1	0.1	161	10.4	12	24.2	72	74.5	39	2.5	119	7.7	-	0
Grosse Pte. Woods	18,580	-	0	212	11.4	1	4.7	13	61.3	4	18.9	23	1.2	103	5.5
Harper Woods	19,995	1	0.1	372	18.6	6	16.1	15	40.3	7	18.8	20	1.0	88	4.4
Holland	24,777	1,018	41.1	550	22.2	8	14.5	25	45.5	8	14.5	254	10.3	214	8.6
Ironwood	10,265	35	3.4	182	17.7	2	11.0	9	49.5	6	33.0	61	5.9	-	0
Marquette	19,824	983	49.6	529	26.7	10	18.9	36	68.1	7	13.2	222	11.2	171	8.6
Melvindale	13,089	1	0.1	336	25.7	7	20.8	16	47.6	6	17.9	12	0.9	85	6.5
Menominee	11,289	691	61.2	245	21.7	5	20.4	15	61.2	5	20.4	196	17.4	137	12.1
Monroe	22,968	1,579	68.7	787	34.3	17	21.6	57	72.4	11	14.0	259	11.3	229	10.0
Mount Clemens	21,016	3,976	189.2	1,828	87.0	59	32.3	127	69.5	9	4.9	818	38.9	265	12.6
Mount Pleasant	14,875	819	55.1	322	21.6	16	18.6	16	49.7	8	24.8	180	12.1	97	6.5
Muskegon Heights	19,552	7	0.4	604	30.9	53	87.7	39	64.6	10	16.6	47	2.4	174	8.9
Niles	13,842	939	67.8	456	32.9	14	30.7	46	100.9	5	11.0	204	14.7	154	11.1
Owosso	17,006	1,188	69.9	515	30.3	9	17.5	32	62.1	4	7.8	263	15.5	189	11.1
River Rouge	18,147	291	16.0	487	26.8	52	106.8	42	86.2	9	18.5	55	3.0	160	8.8
St. Joseph	11,755	1,061	90.3	343	29.2	3	8.7	14	40.8	1	2.9	226	19.2	145	12.3
Sault Ste. Marie	18,722	936	50.0	565	30.2	16	28.3	45	79.6	12	21.2	262	14.0	202	10.8
Traverse City	18,432	1,076	58.6	318	17.3	8	25.2	20	62.9	3	9.4	643	34.9	187	10.1
Trenton	18,439	1,712	92.8	613	33.2	7	11.4	33	53.8	8	13.1	187	10.1	95	5.2
Troy	19,058											4	6.5	7	11.4
Wayne	16,034	2,197	137.0	1,937	120.8	43	22.2	142	73.3	8	4.1	200	12.5	176	11.0
Ypsilanti	20,957	1,453	69.3	785	37.5	45	57.3	69	87.9	17	21.7	162	7.7	183	8.7
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TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMPATURITY BY RESIDENCE; FETAL DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY RESIDENCE: POPULATION MICHIGAN, 1960

Area	Population Apr. 1, 1960 Census	Live Births												Deaths																
		Occurrence		Residence		Number		Rate		Sex		Nonwhite		Place of Delivery		Nonwhite		Rate		Number		Rate		Residence						
				Born in	Plural	Births	Twins	Male	Female	Negro	Other	Physician	Hospital	Non-Hospital	Physician	Other	Infant	Under 1 Year	1 Week	28 Days	1 Year	Under 1 Year	1 Week	28 Days	1 Year					
STATE	7,823,194	193,852	24.8	193,056	24.9	99,840	95,216	20,976	527	4,130	54	193,820	1,116	120	7,200	14,053	3,008	67,470	8.6	67,912	8.7	5,680	120	2,069	3,239	3,580	4,702	75		
ALCONA	6,352	74	11.6	159	25.0	74	85	-	1	-	-	156	3	-	3	4	-	38	6.0	69	10.9	-	-	3	3	3	3	-		
ALGER	9,250	115	12.4	177	19.1	79	98	-	1	2	-	177	-	-	10	2	77	8.3	101	10.9	-	-	1	2	3	3	-			
Munisings	4,228	115	27.2	89	21.1	51	88	-	1	-	-	89	-	-	6	1	53	12.5	48	11.4	-	-	1	1	2	2	-			
Balance of County	5,022	-	0	88	17.5	41	47	-	-	-	-	88	-	-	4	1	24	4.8	53	10.6	-	-	1	2	2	2	-			
ALLECAN	57,729	1,015	17.6	1,391	24.1	742	649	27	1	16	3	1,381	10	-	27	94	17	431	7.5	546	9.5	11	4	26	33	36	48	-		
Allegan	4,822	518	107.4	103	21.4	63	40	5	-	1	-	40	1	-	2	8	5	114	23.6	54	11.2	2	1	4	6	6	-			
Holland Pt.	2,637	1	0.4	41	15.5	18	23	-	-	-	-	103	-	-	2	2	-	5	1.9	9	3.4	-	-	1	1	1	1	-		
Otsego	4,142	-	0	123	29.7	68	55	-	-	-	-	123	-	-	2	8	3	9	2.2	38	9.2	-	-	3	3	3	3	-		
Plainwell	3,225	368	117.8	64	20.5	32	32	-	-	-	-	64	-	-	2	9	1	83	26.6	42	13.4	-	-	3	3	3	3	-		
Balance of County	43,003	128	3.0	1,060	24.6	561	499	22	1	15	-	1,051	9	-	23	67	8	220	5.1	403	9.4	9	3	16	21	24	34	-		
ALPENA	28,556	988	34.6	870	30.5	438	432	-	1	16	-	870	-	-	19	47	12	278	9.7	265	9.3	-	-	8	9	10	16	-		
Alpena	14,682	988	67.3	407	19.8	209	209	-	1	12	-	407	-	-	11	29	4	223	13.2	155	10.6	-	-	5	5	5	5	-		
Balance of County	13,874	0	0	463	33.4	240	223	-	-	4	-	463	-	-	8	18	8	55	4.0	110	7.9	-	-	3	4	5	5	-		
ANTRIM	10,373	106	10.2	220	21.2	116	104	-	5	2	-	220	-	-	6	10	6	112	10.8	156	15.0	-	-	1	1	1	1	-		
ARENAC	9,860	136	13.8	231	23.4	109	122	-	4	8	-	230	1	-	7	17	-	129	13.1	131	13.3	1	2	2	6	7	8	-		
BARAGA	7,151	169	23.6	149	20.8	86	63	-	13	4	-	149	-	-	4	13	1	104	14.5	102	14.3	1	3	2	2	2	2	-		
BARRY	31,738	556	17.5	738	23.3	374	364	-	2	4	-	732	5	1	15	42	9	295	9.3	346	10.9	-	-	2	10	11	15	-		
Hastings	6,375	551	86.4	124	19.5	67	57	-	1	1	-	124	-	-	2	10	2	164	28.7	93	16.6	-	-	1	5	5	5	-		
Balance of County	25,363	5	0.2	614	24.2	307	307	-	1	4	-	608	5	1	13	32	7	131	5.2	253	10.0	-	-	1	5	6	10	-		
BAY	107,042	3,055	28.5	2,891	1,729	1,412	1,412	18	1	52	-	2,889	22	-	79	170	29	921	8.6	882	8.2	10	1	28	44	45	52	1		
Bay City	53,604	3,042	56.7	1,614	26.4	1,720	636	18	1	30	-	1,404	10	-	54	104	13	731	13.6	568	10.6	9	1	15	25	25	26	-		
Escanaba	4,590	11	0.4	128	27.9	68	60	-	6	-	-	127	1	-	7	7	-	9	2.0	24	5.2	1	2	2	2	2	3	-		
Balance of County	48,884	11	0.2	1,449	27.6	691	658	-	16	-	-	1,338	11	-	18	59	16	181	3.7	290	5.9	1	-	12	17	18	24	1		
BENZIE	7,834	174	22.2	176	22.5	87	89	1	3	8	-	172	4	-	4	15	5	112	14.3	122	15.6	2	2	3	3	5	5	-		
BERrien	149,865	3,861	25.8	3,862	25.8	2,002	1,860	497	3	86	1	3,850	11	1	147	301	47	1,320	8.8	1,398	9.3	107	2	39	67	75	95	3		
Benton Harbor	19,136	890	46.5	812	62.4	437	375	233	61	58	19	-	809	3	-	69	64	19	288	15.1	215	11.2	44	1	6	13	14	17	1	
Buchanan	5,304	-	0	119	22.3	61	58	-	6	-	-	119	-	-	3	10	4	25	4.7	67	12.5	5	3	3	3	3	3	-		
Niles	13,842	939	67.8	343	29.2	226	226	227	25	9	-	454	2	-	14	46	5	204	14.7	154	11.1	14	-	7	10	13	14	-		
St. Joseph	11,755	1,061	90.3	2,132	21.4	1,059	1,033	167	3	6	-	343	6	-	3	14	3	2,126	19.2	145	12.3	53	-	7	9	11	20	-		
Balance of County	99,791	971	9.7	34,903	691	19.8	696	19.9	350	1	2	-	694	1	-	13	43	6	4,18	12.0	377	10.8	4	7	13	14	19	21	-	
BRANCH	690	77.0	203	231	110	95	95	1	1	6	-	204	1	-	5	7	6	295	33.2	123	13.9	1	-	2	4	4	6	-		
Coldwater	1,023	1	0	491	18.9	240	251	1	1	6	-	490	-	-	1	8	36	5	123	4.7	254	9.8	3	-	5	9	10	13	-	
Balance of County	26,023	1	0	0	0	0	0	0	0	0	0	0	-	-	35	65	11	251	6.8	338	9.2	42	-	7	10	11	18	1		
CALHOUN	138,858	3,819	27.5	3,394	24.4	1,763	1,631	335	7	66	-	3,375	14	5	122	264	52	1,400	10.1	1,287	9.3	80	1	37	56	61	89	1		
Arlion	12,759	663	52.0	328	25.7	156	99	22	-	-	-	324	3	1	16	23	4	166	13.0	145	11.4	12	1	8	12	12	20	-		
Battle Creek	48,774	2,390	49.0	1,201	24.6	651	550	228	3	22	1,198	1	2	75	108	24	26	150	5.0	263	8.8	30	3	5	6	10	1	-		
Marshall	6,756	405	60.1	1,153	22.7	81	72	-	2	-	-	1,152	1	-	11	2	2	98	14.5	79	11.7	53	-	7	9	11	20	-		
Balance of County	70,559	361	5.1	1,712	24.2	859	853	8	4	40	-	1,701	9	2	31	122	22	384	5.4	486	6.9	6	1	22	34	37	48	1		
CASS	36,932	322	8.7	702	19.0	380	322	89	1	20	-	699	3	-	35	65	11	251	6.8	338	9.2	42	-	7	10	11	18	1		
Dowagiac	7,208	319	44.3	182	25.2	99	83	34	4	16	-	182	-	-	15	17	6	10	14.0	121	15.4	97	12.3	-	3	1	2	2	-	
Balance of County	29,724	3	0.1	520	17.5	281	239	55	1	16	-	517	3	-	20	48	5	150	5.0	263	8.8	30	3	5	6	10	1	-		
CHARLEVOIX	13,421	210	15.6	316	23.5	172	144	-	7	2	-	314	2	-	8	22	3	149	11.1	192	14.3	-	5	4	6	7	9	-		
Boyne City	2,797	1	0.4	61	22.2	33	28	-	4	2	-	61	2	-	3	6	2	15	4.6	46	16.4	-	2	3	3	3	4	-		
Charlevoix	2,751	-	0	0	0	0	0	0	0	0	0	0	-	-	183	1	10	1	15	5.5	49	17.8	-	2	1	1	2	2	-	
CHEBOYGAN	14,550	330	22.7	397	27.3	211	186	-	2	-	-	397	-	-	6	25	5	124	8.5	160	11.0	-	1	4	7	8	10	-		
Cheboygan	5,859	330	56.3	180	30.7	86	94	-	2	-	-	180	1	-	180	1	1	5	15	5	124	14.3	66	11.3	-	1	3	5	6	-
Balance of County	8,681	-	0	217	25.0	125	111	-	2	-	-	217	-	-	1	10	1	40	4.6	94										

TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMMATURITY BY RESIDENCE; FETAL DEATHS BY RESIDENCE: DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY RESIDENCE: POPULATION (Continued)

POPULATION AREA April 1, 1960 Census	LIVE BIRTHS										DEATHS																			
	Occurrence					Residence					FETAL DEATHS					Residence														
	Number	Rate	Number	Rate	Sex	Nonwhite	Plural Births	Number	Rate	Place of Delivery	Hospital	Non-Hospital	Physician	Other	Illegitimate	Immature	Births**	Number	Rate	Number	Rate	Under 1 Year	Under 1 Year							
CLARE	11,647	364	31.3	299	25.7	156	143	-	1	12	-	295	3	1	9	17	4	116	10.0	131	11.2	-	2	1	2	3	5	-		
CLINTON	37,969	475	12.5	986	26.0	505	481	1	1	15	-	985	1	-	1	11	50	13	255	6.7	318	8.4	1	-	6	11	14	17	-	
St. Johns	5,629	474	84.2	126	22.4	65	61	-	1	4	-	126	-	-	4	4	3	127	22.6	74	13.1	1	-	1	1	1	1	1	-	
Balance of County	32,340	1	0.0	860	26.6	440	420	1	-	11	-	859	1	-	11	46	10	128	4.0	244	7.5	-	-	5	10	13	16	-		
CRAWFORD	4,971	219	44.1	141	28.4	76	65	-	-	-	-	140	1	-	3	9	4	73	14.7	53	10.7	-	-	1	1	1	1	3	-	
DELAWARE	34,298	890	25.9	863	25.2	475	388	2	8	5	-	850	2	11	13	51	16	324	9.4	376	11.0	1	3	12	14	17	20	1		
Escanaba	15,391	885	57.5	417	27.1	224	193	2	3	2	-	410	-	7	7	30	8	233	15.1	187	12.1	1	-	4	5	6	9	-		
Gladstone	5,267	1	0.2	217	41.2	124	93	-	1	2	-	215	1	1	2	10	11	13	2.5	46	8.7	-	-	3	3	3	3	3	-	
Balance of County	13,440	4	0.3	229	16.8	127	102	-	4	3	-	225	1	3	4	10	6	78	5.7	143	10.5	-	-	5	6	8	8	1	-	
DICKINSON	23,917	732	30.6	516	21.6	258	258	1	1	12	-	515	1	-	12	22	4	368	15.4	254	10.6	-	-	4	10	11	12	-		
Iron Mountain	9,299	561	60.3	188	20.1	88	100	1	-	6	-	187	1	-	6	10	2	293	31.5	123	13.2	-	-	1	3	3	3	3	-	
Kingsford	5,084	-	0	158	31.1	85	70	-	2	2	-	158	-	-	2	9	-	42	13.2	32	10.1	-	-	1	2	4	4	4	-	
Norway	3,171	53.9	68	21.4	35	33	1	-	4	-	68	-	-	4	3	-	4	3	63	9.9	-	-	1	1	1	1	1	-		
Balance of County	6,363	-	0	102	16.0	47	55	-	4	-	102	-	-	4	3	-	26	4.1	32	1.2	-	-	1	1	3	3	3	-		
EATON	49,684	690	13.9	1,165	23.4	589	576	2	2	15	-	1,162	1	2	8	10	15	326	6.6	419	8.4	1	-	3	6	6	10	1	-	
Charlotte	7,657	444	58.0	204	26.6	94	110	-	2	2	-	203	-	-	1	1	1	165	18.9	93	12.1	1	-	1	1	2	2	3	-	
Eaton Rapids	4,052	242	59.7	97	23.9	54	43	-	5	-	97	-	-	3	5	1	63	15.5	44	10.9	1	-	1	1	1	1	1	-		
Grand Ledge	5,165	-	0	132	25.6	69	63	-	2	-	132	-	-	1	1	4	2	21	4.1	34	6.6	-	-	1	2	2	5	5	-	
Balance of County	32,810	4	0.1	732	22.3	372	360	2	-	8	-	730	1	1	14	32	11	97	3.0	248	7.6	-	-	1	1	2	2	5	-	
EMMET	15,804	516	36.2	403	25.3	201	202	1	14	10	-	399	3	1	21	33	7	286	18.0	209	13.1	3	8	6	9	11	12	-		
Petoskey	6,138	574	93.5	166	27.0	90	76	1	7	2	-	165	1	1	9	17	240	39.1	94	15.3	2	3	4	5	7	7	5	-		
Balance of County	9,766	2	0.2	237	24.3	190	126	-	7	8	-	234	2	1	12	16	5	46	4.7	115	11.8	1	5	2	4	4	4	5	-	
GENESEE	374,313	10,752	28.7	10,534	28.1	5,283	77.9	157	136	1	1	10,501	26	-	7	391	771	162	2,668	7.1	2,796	7.5	250	3	134	197	210	280	3	
Davison	3,761	-	0	256	41.7	143	113	-	5	-	256	-	-	4	19	2	16	5	73	11.9	7,15	12.0	-	-	3	3	3	4	4	-
Fenton	6,442	10,532	53.3	5,479	27.8	2,807	2,672	1,271	5	-	5,464	12	-	3	314	16	436	91	2,116	10.7	2,38	2	78	11.2	120	157	1	-		
Flint	3,761	-	0	213	56.6	107	106	-	1	4	-	212	1	-	6	16	5	8	2	21	23	6.1	-	-	2	2	2	2	3	-
Flushing	3,484	-	0	400	114.8	20	180	-	1	6	-	400	-	-	1	11	3	2	0.6	37	10.6	-	-	2	2	3	3	3	-	
MOUNT Morris	3,006	220	1.4	3,893	24.3	1,986	1,907	96	2	70	-	3,876	13	4	55	248	61	465	2.9	921	5.7	12	1	49	76	81	113	1	-	
Balance of County	157,219	-	-	-	-	-	-	-	-	-	-	250	1	-	5	14	6	113	10.5	108	10.0	-	-	2	4	4	6	6	-	
GLADWIN	10,769	106	9.8	251	23.3	131	120	-	1	13	-	250	1	-	5	14	6	113	10.5	108	10.0	-	-	2	4	4	6	6	-	
GOOSEBIC	24,370	598	24.5	441	18.1	228	213	-	4	-	441	-	-	5	24	13	347	14.2	357	14.6	-	-	1	2	5	8	8	-		
Brimley	3,304	-	0	83	25.1	42	41	-	2	-	83	-	-	1	3	1	3	4	116	12.4	41	12.4	-	-	2	2	2	2	3	-
Ironwood	10,265	35	3.4	182	17.7	97	85	-	2	-	182	-	-	2	9	6	61	5.9	167	16.3	-	-	1	1	2	2	2	-		
Macomb	3,231	286	91.0	59	18.3	27	32	-	2	-	59	-	-	2	5	2	135	41.8	44	13.6	-	-	1	1	1	1	1	-		
Balance of County	7,370	269	35.3	117	15.5	62	55	-	2	-	117	-	-	2	7	4	147	19.4	-	-	1	1	1	1	1	-				
GRAND TRAVERSE	33,490	1,077	32.2	632	20.7	356	336	1	7	12	-	690	2	-	25	43	11	692	20.7	326	9.7	1	2	6	13	14	17	-		
Traverse City	18,432	1,076	58.4	318	17.3	167	151	4	2	-	318	-	-	8	20	3	643	34.9	187	10.1	1	1	4	10	12	15	-			
Balance of County	15,058	1	0.1	374	24.8	189	185	1	3	10	-	372	2	-	17	23	8	49	3.3	139	9.2	-	-	2	3	4	5	5	-	
GRATIOT	37,012	822	22.2	906	25.6	467	479	-	1	15	-	934	12	-	22	41	18	393	10.6	336	9.6	-	-	7	13	17	19	1	-	
Arlma	8,978	811	50.3	208	23.2	98	110	-	2	-	206	-	-	4	8	3	5	2	17	6.5	44	11.6	-	-	1	1	2	2	2	-
St. Louis	2,611	-	0	68	26.0	35	33	-	2	-	66	-	-	1	112	6	2	1	33	8.7	44	11.6	-	-	1	1	2	2	2	-
Balance of County	3,808	1	0.3	113	29.7	58	55	-	2	-	55	-	-	1	111	26	14	120	5.6	197	9.1	-	-	4	9	12	14	1	-	
HILLSDALE	31,615	10	0.5	557	25.8	276	281	-	1	13	-	548	9	-	11	11	1	1	4	151	49.4	52	17.0	-	-	4	7	7	8	-
Hillsdale	21,296	556	16.0	812	23.4	412	400	-	4	-	807	3	2	17	44	9	1	1	379	74	321	9.2	1	-	9	14	18	22	1	-
Balance of County	27,113	3	0.1	638	23.5	308	330	-	4	-	634	2	2	13	32	7	1	10	36	12	292	10.8	-	-	6	6	6	11	11	-
HOUGHTON	35,654	724	20.3	680	19.1	348	332	3	19	-	676	3	1	12	46	7	516	14.5	524	14.7	-	-	13	18	19	22	-	-		
Hancock	5,022	433	86.2	125	24.9	66	59	-	4	-	60	-	-	4	125	1	69	3	11	35	4.7	-	-	2	3	4	8	-	-	
Houghton	3,393	-	0	116	34.2	57	59	-	2	-	116	-	-	1	116	2	64	4	116	3.2	130	3.2	-	-	2	2	2	2	3	-
Laurium	3,058	289	94.5	64	20.9	38	36	-	2	-	64	-	-	1	116	2	6	4	151	49.4	52	17.0	-	-	3	5	5	6	-	-</td

TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE; LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMMATURITY BY RESIDENCE: FETAL DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY RESIDENCE: POPULATION (Continued)

Area	Population April 1, 1960 Census	Live Births												Deaths																
		Occurrence						Residence						Fetal Deaths						Residence										
		Number	Rate	Number	Rate	Male	Female	Nondwhite	Negro	Other	Plural Births	Number Born in Triplet	Number Born in Non-Hospital	Hospital	Non-Hospital	Physician	Other	Place of Delivery	Hospital	Non-Hospital	Physician	Other	Infant	Mature	Under 1 Year	Under 1 Year				
A	43,132	578	13.4	995	23.1	512	483	2	1	27	-	986	9	-	-	-	-	21	12	19	21	28	-	-	-	-				
Albion	4,887	69	14.1	113	23.1	55	58	-	-	113	-	-	4	6	-	-	-	-	-	-	-	2	2	2	2					
Portland	6,754	500	74.0	157	23.2	85	72	-	-	157	-	-	7	15	1	1	1	1	1	1	4	6	6	6	6					
Balance of County	3,330	5	1.5	100	30.0	58	42	-	-	97	3	-	11	1	1	1	1	1	1	1	4	4	4	4	4					
BALTIMORE CITY	28,161	4	0.1	625	22.2	314	311	1	1	12	-	619	6	-	10	43	7	1	1	1	1	4	7	9	14	-				
OSCO'S	16,505	579	35.1	581	35.2	300	281	7	6	-	573	6	2	6	28	12	149	9.0	163	9.9	-	1	5	10	12	13				
IRON	17,184	311	18.1	302	17.6	155	147	-	1	4	-	297	5	-	3	12	5	223	13.0	245	14.3	-	2	4	4	4	5			
Iron River	3,754	-	0	69	18.4	37	32	-	1	-	-	69	-	-	1	2	1	37	9.9	62	16.5	-	1	1	1	1	-			
Balance of County	13,330	311	23.2	233	17.3	118	115	-	4	-	228	5	-	2	10	5	186	13.8	183	13.6	-	2	4	4	4	-				
ISABELLA	35,348	821	23.2	879	24.9	462	417	4	18	20	-	876	2	1	15	48	18	268	7.6	285	8.1	3	7	9	20	21	30			
Mount Pleasant	16,875	819	55.1	322	21.6	165	157	1	3	12	-	322	6	1	6	16	8	180	12.1	97	6.5	1	2	6	9	9	-			
Balance of County	20,473	2	0.1	557	27.2	297	260	3	15	8	-	554	2	1	9	32	10	88	4.3	188	9.2	3	6	7	14	15	21			
JACKSON	131,994	3,236	24.8	3,199	23.9	1,361	26.8	655	706	138	4	146	7	72	-	3,145	13	1	133	222	47	1,204	9.1	1,222	9.3	39	-			
Jackson	50,720	3,243	63.9	1,361	23.2	233	17.3	118	115	42	-	30	1,357	3	1	100	22	10	619	16.7	619	12.2	2	30	45	48	68	1		
Balance of County	81,274	33	0.4	1,758	22.1	958	840	8	3	1,788	-	10	-	38	122	25	359	63	74	2	21	31	31	43	1	43	1	-		
KALAMAZOO	169,712	4,173	24.6	4,268	25.1	2,219	2,049	204	10	65	-	4,257	6	5	127	251	66	1,442	8.5	1,246	7.3	42	-	25	46	51	68	-		
Kalamazoo	82,089	3,915	48.4	2,181	26.6	1,381	1,043	193	8	34	-	2,081	2	4	100	145	31	1,136	13.8	743	9.1	40	-	12	21	22	31	-		
Balance of County	87,623	198	2.3	2,087	23.8	1,081	1,006	11	2	34	-	2,081	2	4	106	35	306	3.5	503	5.7	2	13	23	29	37	-				
MALASKA	4,382	81	18.5	-	-	-	-	-	-	-	-	91	-	1	4	5	48	11.0	64	14.6	-	-	2	3	3	3	-			
KENT	36,187	10,370	28.6	9,640	26.5	4,898	4,742	550	21	234	3	9,602	36	2	260	641	104	3,338	9.2	3,120	8.6	113	2	107	153	168	215	2		
East Grand Rapids	10,224	2,990	23.7	1,713	41.3	4,982	28.1	2,556	2,426	539	14	4,964	16	2	216	358	72	1,214	12.3	63	5.8	1	2	5	3	3	1			
Grand Rapids	7,975	2	0.3	182	22.8	96	86	126	3	126	-	180	2	13	12	111	2	12	11.5	43	5.4	-	4	5	5	5	-			
Grandville	2,545	-	0	59	23.2	31	28	-	-	-	-	59	-	2	2	13	1	36	14.1	40	15.7	-	1	2	2	3	-			
Lowell	2,749	9	3.3	94	34.2	46	48	-	-	92	2	-	4	6	6	26	8	56	1.2	158	3.4	-	1	1	2	4	-			
Sparta	45,829	-	0	382	8.3	205	177	-	13	-	382	-	2	4	17	165	46	310	19.9	313	13.5	-	10	14	15	17	-			
Wyoming	115,852	16	0.1	3,769	32.5	1,868	1,901	9	7	92	-	3,553	16	-	34	224	22	559	4.8	772	6.7	1	30	38	41	52	1			
KENNEWAW	2,417	-	0	44	18.2	22	22	-	-	44	-	-	1	5	-	15	6	69	7.4	106	11.4	-	12	50	39	16	1			
LAKE	5,338	11	2.1	97	18.2	44	53	18	-	-	96	1	-	7	10	2	46	8.6	92	17.2	35	-	1	1	2	2	-			
LAPAPEER	41,926	837	20.0	953	22.7	503	450	3	3	20	-	945	7	1	16	55	17	371	8.8	393	9.4	1	-	4	10	12	19	-		
Lapeer	6,160	831	134.9	125	21.9	437	381	3	2	20	-	810	7	1	13	47	17	165	4.6	310	8.7	1	-	1	2	2	4	-		
Balance of County	35,366	6	0.2	818	22.9	437	381	3	2	20	-	-	-	-	13	47	17	1	17	1	121	17.2	64	9.1	1	3	8	10	15	-
LEELANAU	9,321	36	3.9	223	23.9	112	111	-	5	14	-	223	-	4	15	6	69	7.4	106	11.4	-	3	-	2	2	6	-			
LENAWEE	77,789	1,990	25.6	1,782	22.9	915	867	15	1	29	-	1,789	12	1	34	114	27	724	9.3	758	9.7	9	-	15	30	40	53	-		
Adrian	20,347	1,074	52.8	495	24.3	250	235	12	1	6	-	489	5	1	15	30	27	282	13.9	206	10.1	6	8	10	14	14	-			
Blossfield	2,653	-	0	54	20.4	30	34	-	2	2	-	54	-	1	1	1	1	1	1	15.7	20.9	6	-	-	-	-	-	-	-	
Hudson	2,546	257	100.9	58	22.8	30	28	-	4	-	56	2	-	7	1	1	1	1	1	59	23.2	49	19.2	6	-	-	-	-	-	
Tecumseh	7,045	534	75.8	203	28.8	100	103	-	4	-	203	3	-	1	1	1	1	17	1	121	17.2	64	9.1	1	-	-	-	-	-	
Balance of County	45,198	125	2.8	972	21.5	505	467	3	17	-	967	5	-	17	59	17	247	5.5	410	5.1	2	-	8	20	26	32	-			
LIVINGSTON	38,233	776	20.3	963	25.2	517	446	2	1	30	-	950	11	2	26	61	20	307	8.0	359	9.4	2	-	7	11	12	18	-		
Howell	4,861	766	157.6	127	26.1	75	52	-	1	3	-	125	2	-	3	6	2	130	26.7	61	12.5	6	6	10	11	17	-			
Balance of County	33,372	10	0.3	836	25.1	442	394	2	1	27	-	825	9	-	23	55	19	177	5.3	298	8.9	2	-	6	10	11	17	-		
LUCE	7,827	156	19.9	127	16.2	62	65	-	4	-	125	-	2	7	13	3	219	28.0	97	12.4	-	2	1	1	1	1	-			
Newberry	2,612	156	59.7	70	26.8	62	67	-	3	-	68	-	2	4	7	1	1	62	23.7	47.8	9.2	-	1	1	1	1	1	-		
MACKINAC	10,853	226	20.8	278	25.6	146	132	-	5	-	272	5	1	5	11	5	3	73	6.7	102	9.4	2	1	5	8	9	11	-		
St. Ignace	3,334	212	63.6	95	28.5	53	42	-	2	-	93	1	1	5	5	6	2	34	4.5	69	9.2	2	1	2	3	5	5	6		
Balance of County	7,519	14	1.9	183	24.3	93	90	-	3	-	179	4	-	5	6	2	5	6	2	1	2	3	4	5	6	-				
HACOMB	405,804	5,392	13.3	12,777	31.5	6,528	6,249	211	28	305	3	12,730	39	8	195	829	173	1,658	4.1	2,265	5.6	36	3	125	194	215	274	3		
Center Line	10,164	1	0.1	278	27.4	144	134	-	16	-	1,070	-	28	3	1,070	-	64	22	1,070	4.8	-	4	4	5	5	5	5	-		
East Detroit	45,756	1,070	0	23.4	548	522	-	-	-	-	327	1	-	18	6	18	6	20	13.7	217	4.7	-	-	6	9	10	14	-		
Fraser	7,027	3,976	0	328	46.7	185	143	-	7	-	1,																			

TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMMATURITY BY RESIDENCE; FETAL DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY RESIDENCE: POPULATION (Continued)

Area	Population Apr. 1, 1960 Census	Live Births										Deaths														
		Occurrence					Residence					Place of Delivery					Residence									
		Number	Rate	Male	Female	Sex	Number	Born in	Plural Births	Nonwhite	Negro	Other	Twins	Triplets*	Non-Hospital	Hospital	Physician	Other	Nonwhite	Negro	Other	Under 1 Year	Infant	Under 1 Year	Mature	
MANISTEE	19,042	460	24.2	479	25.2	261	218	-	6	14	2	472	7	-	4	23	8	222	11.7	241	12.7	2	4	6	8	13
Manistee	8,324	251	42.2	233	27.9	1,36	96	-	2	6	2	229	3	-	2	12	5	129	15.5	124	14.9	2	3	4	5	7
Balance of County	10,718	109	10.2	247	23.0	125	122	-	4	8	2	243	4	-	2	6	6	93	8.7	117	10.9	2	1	2	3	6
MARQUETTE	56,154	1,465	26.1	1,414	25.2	716	698	15	8	33	-	1,410	2	2	25	89	20	563	9.7	547	9.7	-	6	10	12	18
Isabella	8,357	481	54.3	225	25.4	107	118	2	2	2	-	224	1	-	3	8	5	166	18.7	106	12.0	-	5	1	1	1
Marquette	19,826	983	49.6	529	26.7	272	257	4	3	8	-	529	-	-	10	36	7	222	11.2	171	8.6	-	5	1	1	3
Negaunee	6,126	0	153	25.0	79	1	1	-	1	1	-	153	-	-	2	6	3	17	2.8	72	11.8	-	5	1	1	1
Balance of County	21,347	1	0.0	507	23.8	258	249	8	4	23	-	504	1	2	10	39	5	138	6.5	198	9.3	-	1	6	8	12
MASON	21,929	654	20.7	676	21.7	225	251	3	3	6	-	473	3	-	12	23	10	252	11.5	-	1	5	10	14	-	
Ludington	9,421	452	48.0	314	33.3	152	162	-	3	6	-	313	-	-	7	18	8	161	17.1	119	12.6	-	4	8	8	9
Balance of County	12,508	2	0.2	162	13.0	73	89	-	3	6	-	160	2	-	5	5	2	62	5.0	133	10.6	-	1	1	2	2
MECOSTA	21,051	394	18.7	491	23.3	259	232	3	-	12	-	489	-	2	14	31	10	199	9.5	216	10.3	3	-	7	11	16
Big Rapids	8,686	325	37.4	215	24.8	116	101	1	1	8	-	215	-	-	7	15	3	120	9.7	145	11.7	3	-	2	4	5
Balance of County	12,365	69	5.6	276	22.3	145	131	2	-	4	-	274	-	-	7	16	3	120	9.7	145	11.7	3	-	5	7	11
MENOMINEE	24,385	692	28.0	526	21.3	247	247	-	9	4	-	524	1	1	6	27	6	299	12.1	296	12.0	-	3	7	9	11
Menominee	11,389	691	61.2	245	21.7	129	116	-	1	4	-	245	1	1	5	15	5	196	17.4	137	12.1	-	3	6	7	8
Balance of County	13,396	1	0.1	281	21.0	150	131	-	8	4	-	219	1	1	1	12	1	103	7.7	159	11.9	-	3	1	1	2
MIDLAND	51,450	1,453	28.2	1,453	28.2	741	712	1	-	19	3	1,444	8	1	15	62	17	251	4.9	294	5.7	1	-	7	10	13
Midland	27,779	1,448	52.1	833	29.6	406	417	-	6	1	-	821	6	1	8	25	6	60	2.5	151	6.4	1	-	1	3	4
Balance of County	23,671	5	0.2	630	26.6	333	295	-	6	-	-	623	6	1	8	25	6	60	2.5	151	6.4	1	-	1	3	4
MISSAUKEE	6,784	2	0.3	158	23.3	82	76	-	8	-	-	156	2	-	1	13	2	31	4.6	90	13.3	-	4	4	4	5
MUSKOGEE	1,588	1,582	15.6	2,533	25.0	1,349	1,184	51	4	58	-	2,530	3	-	37	170	53	539	5.3	800	7.9	11	-	40	53	61
Milan Pt.	769	1,579	0	29	37.7	15	14	4	4	4	-	29	-	-	2	5	5	3	10.4	8	10.4	5	-	13	17	20
Monroe	22,968	1,579	68.7	787	34.3	408	379	27	1	22	-	787	1	-	17	57	11	259	11.3	229	10.0	5	-	27	36	43
Balance of County	77,983	3	0.0	1,717	22.2	926	791	20	3	32	-	1,714	3	-	18	108	42	277	3.6	563	7.3	6	1	27	36	43
MONTGOMRY	35,795	1,485	41.5	858	24.0	445	413	-	1	14	-	854	3	1	20	48	10	426	11.9	428	12.0	1	-	5	11	17
Greenville	7,440	621	83.5	176	23.7	91	85	-	1	2	-	175	1	-	5	7	2	134	18.0	129	12.0	1	-	5	11	17
Balance of County	28,355	864	30.5	682	24.1	354	328	-	12	-	-	679	2	1	15	41	8	292	10.3	333	11.7	1	-	4	9	14
MONTMORENCY	4,424	6	1.4	88	19.9	43	45	-	1	-	-	82	5	1	2	9	2	26	5.9	66	14.9	-	2	2	2	2
MUSKEGON	1,69,443	3,909	26.1	4,101	27.4	2,186	467	6	71	3	4,081	18	2	168	247	61	1,129	7.5	1,203	8.0	112	30	60	67	96	
Muskegon Heights	46,485	3,396	83.8	1,315	28.3	692	623	133	4	18	-	3,310	5	-	95	84	14	812	17.5	518	11.1	43	1	13	26	29
North Muskegon	19,552	0	0.4	604	30.7	322	282	294	-	15	-	597	7	-	53	39	10	47	2.4	127	10.0	5	9	17	2	17
Roosevelt Park	3,855	-	0	66	17.1	29	37	8	-	-	-	66	-	-	4	4	1	11	2.9	27	7.0	-	1	1	1	1
Roosevelt Park	2,778	-	0	65	25.2	36	29	-	2	-	-	65	-	-	3	1	1	5	1.9	11	4.3	-	1	1	1	1
Whitehall	2,590	-	0	74	28.6	43	31	-	2	-	-	74	1	-	6	1	1	12	4.6	12	20.8	-	1	1	1	1
Balance of County	74,883	6	0.1	1,977	26.4	993	984	32	2	34	-	1,969	6	2	19	111	35	242	3.2	445	5.9	17	1	15	24	37
NEWAGO	24,160	650	26.9	598	24.8	304	294	5	-	10	-	591	6	1	19	30	9	276	11.4	282	11.7	5	-	5	7	9
Fremont	3,384	693	145.7	97	28.7	53	44	-	2	-	-	97	6	-	1	6	6	95	28.1	27	8.0	-	1	1	2	2
Balance of County	20,776	157	7.6	501	24.1	251	250	5	-	8	-	494	6	1	18	24	9	181	8.7	255	12.3	5	-	5	6	7
OAKLEAF	690	10,880	15.8	17,756	25.7	9,050	8,706	727	31	382	-	17,668	80	8	459	1,217	241	3,617	5.2	4,245	6.1	143	2	239	262	354
Berkley	23,275	-	0	559	24.0	286	273	-	1	16	-	559	-	-	9	37	7	25	1.1	122	5.2	-	2	6	7	9
Beverly Hills	8,633	3	0.1	821	32.2	413	408	1	-	12	-	819	2	-	8	53	15	42	1.6	221	8.7	1	1	4	10	13
Birmingham	25,525	3	0.1	464	31.4	246	218	-	2	-	-	463	1	-	5	5	7	7	12	18.8	60	4.1	-	2	4	4
Clawson	14,795	1	0.1	476	112.8	409	367	1	1	10	-	774	2	-	4	10	49	5	15	2.2	90	13.1	-	5	9	10
Ferndale	6,881	0	0.0	776	112.8	412	412	153	2	18	-	833	4	1	155	72	13	110	3.5	275	8.8	45	-	13	21	24
Fond du Lac	31,347	399	12.7	838	26.7	426	412	-	2	-	-	667	1	-	13	54	10	140	6.4	164	6.4	-	1	1	1	1
Hazel Park	2,631	-	0	668	26.1	332	336	22	1	7	-	137	1	-	8	13	2	30	9.2	43	13.2	1	-	2	3	3
Holly	3,269	-	0	137	41.9	72	65	5	1	7	-	98	-	-	1	5	1	12	1.4	48	5.5	-	-	-	-	-
Huntington Woods	8,746	-	0	98	11.2	48	50	-	4	-	-	104	-	-	4	4	4	15	5.6	415.2	-	-	-	-	-	
Keego Harbor	2,761	3	1.1	104	38.5	53	51	-	4	-	-	490	1	-	4	4	4	42	11	25	0.7	-	5	7	8	
Lake Orion	2,698	3	1.1	104	38.5	53	51	-	4	-	-	490	1	-	4	4	4	4	12	1.8	37	9.7	-	1	1	2
Lathrop Village	2,556	-	0	145	42.4	730	685	1	6	36	-	1,409	6	-	12	89	16	21	0.6	130	3.9	-	1	1	1</td	

TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMMATURITY BY RESIDENCE; FETAL DEATHS BY RESIDENCE: DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY POPULATION (Continued)

Area	Population Apr. 1, 1960 Census	Live Births												Deaths																	
		Occurrence		Residence										Occurrence		Residence															
		Number	Rate	Male	Female	Nonwhite	Negro	Other	Number Born In	Plural Births	Twins	Triplets*	Hospital	Non-Hospital	Physician	Other	Illegitimate	Imature Births**	Fetal Deaths Residence	Number	Number	Rate	Nonwhite	Under Negro	Other	1 Day	Week	28 Days	1 Year	Under Maternal	
OCEANA	16,547	550	33.2	430	26.0	211	219	2	2	14	-	428	2	-	8	27	3	173	10.5	191	11.5	1	1	6	7	7	7	13	-		
OGORMAN	9,680	399	*41.2	259	26.8	131	128	-	-	8	-	253	5	1	4	12	2	145	15.0	113	11.7	-	-	1	2	4	4	-			
ONTONAGON	10,584	158	14.9	240	22.7	126	114	-	-	1	-	237	3	-	5	11	4	99	9.4	128	12.1	-	-	2	5	6	7	-			
OSCEOLA	13,595	283	20.8	300	22.1	144	136	1	1	-	-	297	3	-	10	16	5	181	13.3	177	13.0	1	-	2	3	3	4	-			
OSCUWA	3,447	41	11.9	74	21.5	38	36	-	-	2	-	37	3	-	1	2	1	27	7.8	35	10.2	-	-	-	-	-	-	-	-		
OTSEGO	7,545	226	30.0	188	24.9	98	100	-	-	1	6	186	1	1	4	14	2	100	13.3	21	11.7	-	-	4	5	5	5	-			
Gaylord Balance of County	2,568	224	87.2	64	24.9	32	32	-	-	2	6	64	2	7	2	7	2	64	24.9	32	12.5	-	-	3	3	3	4	-			
OTTAWA	4,3977	2	0.4	124	24.9	56	68	-	-	1	4	122	1	1	2	7	2	36	7.2	50	10.0	-	-	1	2	2	3	-			
Grand Haven	11,066	680	61.4	261	23.6	139	122	2	2	44	-	2,580	5	-	35	99	46	709	7.2	786	8.0	2	-	22	37	41	50	-			
Holland Pt. Hudsonville Zeeland	2,649	1,017	45.9	509	23.0	222	267	-	-	2	6	508	1	2	8	23	8	249	11.2	107	9.7	-	-	1	2	2	2	10			
Balance of County	3,702	635	171.5	89	24.0	44	45	-	-	2	-	51	1	-	2	2	1	8	3.0	18	6.8	-	-	2	2	3	3	-			
PRESQUE ISLE	59,162	4	0.1	1,674	28.3	830	824	4	2	34	-	1,671	3	-	22	64	33	227	3.8	416	7.0	2	-	15	27	29	35	-			
Rogers City	13,117	357	27.2	335	25.5	157	178	-	1	10	-	335	-	-	5	21	4	120	9.1	139	10.6	-	-	9	12	12	16	-			
Balance of County	8,395	87	10.4	270	57.2	118	25.0	56	66	-	-	118	-	-	1	5	2	61	12.9	34	7.2	-	-	2	2	2	3	-			
ROSEMORON	7,200	10	1.4	217	25.8	103	114	-	1	10	-	217	-	-	4	16	2	59	7.0	105	12.5	-	-	7	10	10	13	-			
SAGINAW	190,752	5,428	28.5	5,232	27.4	2,687	2,545	674	6	105	-	5,209	23	-	208	454	87	1,747	9.2	1,625	8.5	131	-	53	94	104	143	1			
Chesaning Saginaw	98,265	5,416	55.1	2,416	27.4	1,353	1,343	600	4	43	-	2,844	12	-	169	49	252	49	1,272	12.9	985	10.0	117	-	28	51	56	77	1		
BALANCE OF COUNTY	89,717	12	0.1	2,452	27.3	1,287	1,165	74	60	-	-	2,441	11	-	39	198	36	454	12.9	617	6.9	14	-	25	43	48	65	1			
ST. CLAIR	107,201	2,363	22.0	2,514	23.5	1,290	1,224	63	4	53	-	2,493	16	-	5	70	150	49	1,019	9.5	1,105	10.3	20	5	20	29	32	47	1		
Algoma	5,190	2	0.6	129	40.4	65	64	-	1	-	-	127	2	-	1	12	1	18	5.6	46	14.4	20	-	1	1	2	2	3	-		
Marine City	4,404	0	0	87	21.4	44	43	-	2	-	-	175	87	-	1	5	1	3	1	27	6.1	60	13.6	-	-	2	2	2	2	3	
New Baltimore Pt.	4,065	-	0	13	16.6	9	9	-	-	-	-	13	-	-	1	39	1	49	16	67	17.9	15	2	-	4	5	7	9	14		
Port Huron	1,593	44.1	949	26.3	490	459	49	2	18	-	-	200	1	-	6	18	59	13.0	1	36	7.9	59	13.0	2	-	15	16	21	21	1	
ST. CLAIR	4,538	477	105.1	201	44.1	90	110	-	-	27	-	951	6	4	18	59	28	282	5.2	457	8.4	5	2	10	15	16	21	21	1		
BALANCE OF COUNTY	54,136	29	5.4	961	17.8	484	477	14	1	-	-	27	14	-	37	69	14	474	11.2	490	11.6	11	-	11	19	21	27	-			
ST. JOSEPH	42,332	1,179	27.9	1,066	25.2	519	547	12	3	22	-	1,059	7	-	13	227	1	1	1	166	18.6	108	12.1	-	-	1	1	2	2	-	
Three Rivers	8,912	58	7.8	181	25.5	104	123	2	1	6	-	180	1	-	8	11	3	158	22.3	92	13.0	4	-	1	2	3	4	6			
BALANCE OF COUNTY	26,335	5	0.2	638	23.0	325	333	9	3	2	-	652	6	-	16	38	10	150	5.7	290	11.0	5	-	8	14	15	19	-			
SAINT CLAIR	32,314	712	22.0	769	23.8	395	374	1	-	28	-	744	24	1	14	50	10	320	9.9	402	12.4	-	-	12	17	19	21	1			
SCHOOLCRAFT	8,953	302	33.7	228	25.5	124	104	-	3	8	-	225	1	2	8	11	2	136	15.2	118	13.2	-	-	4	4	5	5	-			
Manistique	4,875	302	61.9	153	31.4	80	73	-	2	6	-	150	1	2	4	9	1	134	25.4	77	15.8	-	-	4	4	5	5	-			
BALANCE OF COUNTY	4,078	-	0	75	18.4	44	31	-	1	2	-	75	-	-	4	2	1	12	2.9	41	10.1	-	-	4	4	5	5	-			
SHIANSASSER	53,446	1,392	26.0	1,352	25.3	706	646	1	3	38	-	1,342	10	-	26	85	11	474	8.9	511	9.6	-	-	11	25	30	36	-			
Corma	2,764	-	0	66	24.3	39	34	-	-	26	-	65	1	-	2	4	4	57	16.1	50	14.1	-	-	1	1	1	2	2	-		
Durand	3,312	200	60.4	99	29.9	49	50	-	2	1	-	99	-	-	4	6	32	35	10.6	31	11.2	-	-	1	1	2	2	2	-		
Oshkosh	17,006	1,188	69.4	515	30.3	282	233	1	19	-	-	511	4	-	9	32	4	263	15.5	189	11.1	-	-	5	10	10	12	-			
BALANCE OF COUNTY	30,364	4	0.1	672	22.1	337	335	1	2	15	-	666	6	-	11	43	7	98	3.2	233	8.3	-	-	4	4	5	5	-			
TUSCOLA	43,305	572	13.2	1,025	23.7	519	506	4	1	18	-	1,017	7	1	20	62	15	383	8.8	446	10.3	1	-	8	11	13	18	-			
South Haven	6,149	236	66.8	73	20.7	71	75	-	4	-	-	1,342	1	-	5	2	2	10	3	132	21.5	71	11.5	-	-	2	3	3	3	-	
Cato	2,880	-	0	65	24.3	39	26	3	1	2	-	882	9	1	26	61	17	208	5.3	428	10.9	32	2	7	11	14	22	1			
Vassar	3,326	336	9.1	887	23.9	441	446	1	-	16	-	880	6	1	14	56	11	313	8.4	362	9.8	-	-	1	1	1	1	1	-		
WASHBURN	48,395	920	19.0	1,107	22.9	525	582	4	21	-	-	1,095	11	1	33	74	20	435	9.0	565	11.3	35	2	9	14	17	26	1			
Van Buren	4,970	419	141.1	69	23.2	73	70	21	4	-	-	1,017	7	1	20	62	15	383	8.8	446	10.3	1	-	8	11	13	18	-			
Raw Paw	2,970	5,700	33.5	4,358	25.3	2,140	2,128	838	39	30	91	339	30	1	2	4	166	1	10	3	132	21.5	71	11.5	-	-	2	3	3	3	-
South Haven	39,276	1,2	0.3	892	22.7	414	478	64	3	17	-	882	9	1	26	61	17	208	5.3	428	10.9	32	2	7	11	14	22	1			
BALANCE OF COUNTY	31,991	-	0	65	24.3	39	44	-	-	2	-	446	1	-	1	14	56	11	313	8.4	362	9.8	-	-	1	1	1	1	1	-	
WASHBURN	172,440	5,700	33.5	4,358	25.3	2,140	2,128	838	39	30	91	339	30	1	2	4	166	1	10	3	132	21.5	71	11.5	-	-	2	3	3	3	-
Ann Arbor	67,340	3,570	53.0	1,																											

TABLE 12 - LIVE BIRTHS, DEATHS, AND RATES BY OCCURRENCE AND RESIDENCE: LIVE BIRTHS BY SEX, COLOR, PLURALITY, PLACE OF DELIVERY, ATTENDANT AT BIRTH, LEGITIMACY, AND IMMATURITY BY RESIDENCE; FETAL DEATHS BY COLOR, AGE GROUPS UNDER 1 YEAR, AND MATERNAL DEATHS BY RESIDENCE: POPULATION (Continued)

AREA	L I V E B I R T H S										D E A T H S																
	R e s i d e n c e					R e s i d e n c e					R e s i d e n c e					R e s i d e n c e											
	Occurrence	Number	Rate	Sex	Number	Number	Rate	Nonwhite	Number	Place of Delivery	Hospital	Non-Hospital	Physician	Other*	Nonwhite	Number	Rate	Nonwhite	Negro	Other	Infant						
POPULATION Apr. 1, 1960 Census																											
WAYNE	2,666,297	74,674	28.0	61,860	30,213	31,603	25.7	14,714	1,416	30	61,324	505	21	3,678	5,357	1,097	24,798	9.3	24,244	9.1	1,297	1,681	36				
Allen Park	37,052	2,2	0.1	728	19.6	350	378	-	1	10	-	725	2	1	13	40	6	629	17.0	182	15	16	1				
Bronson Park	112,007	3,614	32.4	3,703	33.1	1,869	1.6	1,869	1	12	92	3	3,594	9	18	219	44	617	5.5	866	7.7	-	-				
Dearborn	1,670,144	50,784	30.4	36,096	21.6	18,441	17.6	13,454	10.8	886	8	35,663	415	18	3,119	733	17,572	10.5	18,093	10.8	3,999	26	1,108	27			
Detroit	17,328	5	0.3	507	29.3	258	239	-	14	*	-	500	7	-	24	58	5	156	9.0	33	-	5	8	11	-		
Ecorse																											
Flat Rock	4,636	2	0.4	181	38.5	82	99	-	3	4	-	1,795	2	-	3	14	4	15	3.2	33	7.0	-	3	4	4		
Garden City	38,017	1,226	33.0	1,968	51.8	1,023	945	-	3	34	-	1,065	3	-	18	132	27	73	1.9	172	4.5	-	18	28	30		
Grosse Pointe	6,631	1,589	239.6	1,179	27.0	98	81	-	4	-	1,179	-	-	4	5	2	281	42.4	90	13.6	-	-	1	2	-		
Grosse Pk. Farms	12,112	783	64.3	113	9.3	46	67	-	-	-	112	1	-	2	4	5	182	15.0	116	9.5	-	-	1	1	-		
Grosse Pk. Park	15,457	1	0.1	161	10.4	89	72	-	4	-	160	1	-	2	2	2	39	2.5	119	7.7	-	-	1	1	-		
Grosse Pk. Woods	18,580	-	0	212	11.4	110	102	-	4	-	212	-	-	1	13	4	23	1.2	103	5.5	-	-	4	6	8		
Hamtramck	36,137	707	20.7	693	20.3	346	347	129	1	18	-	688	5	-	25	49	14	308	9.0	435	12.7	38	-	7	12	12	
Harper Woods	19,995	1	0.1	372	18.6	189	183	-	13	-	371	6	-	6	15	7	20	1.0	88	4.4	-	-	1	1	2		
Hazelwood	38,063	5,217	137.1	656	17.2	342	314	208	2	6	4	652	4	-	35	56	12	933	24.5	462	12.1	-	-	7	9	9	
Hickory Park	39,097	5,005	0.1	1,367	35.0	692	675	434	3	33	3	1,360	7	-	58	140	24	35	0.9	215	5.5	88	-	21	29	32	
Inkster	53,933	1,895	35.1	1,331	24.7	704	627	1	3	22	-	1,330	1	-	28	101	19	357	6.6	295	5.5	-	-	14	27	30	
Lincoln Park	66,702	1,986	22.5	2,151	32.2	1,112	1,039	1	3	55	-	2,148	3	-	23	148	15	308	4.6	326	4.9	-	-	20	39	46	
Livonia	13,089	1	0.1	336	25.7	162	176	1	2	2	-	335	1	-	7	16	6	12	0.9	85	6.5	-	-	1	1	4	
Melvindale	2,982	105	35.2	136	45.6	72	64	-	-	-	135	1	-	6	10	1	1	1	1	1	-	-	1	1	2		
Northville Pt.	8,766	-	0	362	41.3	202	160	-	2	6	-	362	5	-	5	25	5	35	4.0	96	11.0	-	-	1	1	1	
Plymouth	18,147	291	16.0	487	26.8	229	258	167	1	10	-	484	3	-	52	42	9	55	3.0	160	8.8	-	-	6	8	8	
River Rouge	7,723	1	0.1	200	27.6	103	97	-	1	10	-	199	1	-	2	18	1	0.6	20	2.8	-	-	1	2	3		
Riverview	29,404	1,712	92.8	613	33.2	314	299	-	6	1	-	611	2	-	7	33	8	187	10.1	95	5.2	-	-	4	7	8	
Southgate	18,439	1,917	137.0	1,337	20.8	971	966	69	1	29	-	1,932	5	-	43	142	8	20	11.5	176	11.0	14	-	10	24	27	
Trenton	16,034	1,604	59.8	1,148	26.4	605	543	-	1	26	-	1,144	4	-	33	78	16	428	9.8	366	8.4	-	-	16	22	23	
Wayne	43,519	2,604	63.7	6,223	17.6	3,184	3,039	76	11	128	-	6,154	28	1	90	439	120	2,371	6.7	1,436	4.1	24	-	88	133	140	
Wandotte	324,669	1,1	0	184	22.0	97	87	-	-	-	-	444	-	-	7	22	2	237	12.8	211	11.4	1	-	4	11	17	
Balance of County	18,466	644	34.9	444	24.0	231	213	-	4	-	-	444	-	-	3	16	1	199	19.7	109	10.8	-	-	4	7	8	
WEXFORD	10,112	644	63.7	260	25.7	134	126	-	4	-	-	260	-	-	3	16	1	102	12.2	1	-	-	4	4	4		
Cadillac	-	0	184	22.0	97	87	-	-	-	-	-	184	-	-	4	6	1	38	4.5	102	12.2	1	-	-	4	4	9
Balance of County	8,354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

* Includes 4 quadruplets in Highland Park.

** Defined by the World Health Organization for statistical purposes as all infants weighing 5 lb. 8 oz. (2,500 grams) or less.

Note: There are a few cities in the above list for which birth and death statistics are not listed separately for 1960 but are included with those for the balance of the county. This is due to the fact that the 1960 census indicated that either these cities became incorporated with a population of 2,500 or more during the past decade or increased sufficiently to be listed separately in 1960. However, this revised list was not available in time for classification of vital statistics for the entire year of 1960.

TABLE 13 - MARRIAGES BY ORDER OF MARRIAGE AND AGE OF BRIDE AND GROOM
MICHIGAN, 1960

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	61,090	45,975	11,780	2,776	533	26	61,090	46,633	11,546	2,421	458	32
15 - 19	23,968	23,547	401	5	-	15	8,288	8,246	36	-	-	6
20 - 24	19,769	17,507	2,124	124	7	7	26,777	25,616	1,115	28	2	16
25 - 29	5,141	2,829	2,025	253	32	2	10,005	7,861	1,998	137	4	5
30 - 34	3,118	994	1,668	387	68	1	4,796	2,599	1,887	280	26	4
35 - 39	2,515	501	1,469	465	80	-	2,942	1,049	1,506	339	48	-
40 - 44	1,956	243	1,208	397	107	1	2,095	495	1,205	315	79	1
45 - 49	1,575	150	974	362	89	-	1,756	301	1,033	357	65	-
50 - 54	1,075	94	664	273	44	-	1,278	205	744	267	62	-
55 - 59	769	53	481	198	37	-	1,003	111	641	204	47	-
60 - 64	562	25	380	129	28	-	816	76	510	189	41	-
65 - 69	384	19	233	111	21	-	748	54	498	159	37	-
70 - 74	192	8	118	50	16	-	372	12	245	92	23	-
75 & Over	58	1	32	21	4	-	207	5	124	54	24	-
Not Stated	8	4	3	1	-	-	7	3	4	-	-	-

TABLE 14 - MARRIAGES BY RESIDENCE STATUS OF BRIDE AND GROOM
MICHIGAN, 1960

RESIDENCE STATUS	NUMBER	PERCENT
TOTAL	61,090	100
Both bride and groom resident of State	55,027	90.1
Bride resident, groom nonresident of State	2,400	3.9
Groom resident, bride nonresident of State	695	1.1
Both bride and groom nonresident of State	2,968	4.9
Residence status of either or both not stated	-	0

TABLE 15 - MARRIAGES BY AGE OF BRIDE AND GROOM
MICHIGAN, 1960

AGE OF GROOM	Total	AGE OF BRIDE													
		Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & Over	Not Stated
TOTAL	61,090	23,968	19,769	5,141	3,118	2,515	1,956	1,575	1,075	769	562	384	192	58	8
Under 20	8,288	7,496	760	24	4	3	1	-	-	-	-	-	-	-	-
20 - 24	26,777	14,159	11,779	682	121	29	6	1	-	-	-	-	-	-	-
25 - 29	10,005	1,862	5,328	2,024	566	174	42	5	3	-	1	-	-	-	-
30 - 34	4,796	323	1,348	1,439	1,034	479	128	39	4	1	1	-	-	-	-
35 - 39	2,942	96	361	611	718	666	352	112	22	3	1	-	-	-	-
40 - 44	2,095	16	119	228	381	538	505	239	54	12	3	-	-	-	-
45 - 49	1,756	12	39	100	188	383	444	410	128	39	8	3	-	1	1
50 - 54	1,278	2	23	17	72	165	242	338	288	101	24	5	-	1	-
55 - 59	1,003	2	10	8	19	52	136	266	228	189	64	23	4	2	-
60 - 64	816	-	1	6	11	17	61	101	201	204	147	53	12	2	-
65 - 69	748	-	1	2	4	5	29	42	110	148	201	148	51	7	-
70 - 74	372	-	-	-	-	4	6	12	28	53	86	104	64	15	-
75 & over	207	-	-	-	-	-	4	10	9	19	26	48	61	30	-
Not stated	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7

TABLE 16 - MARRIAGES BY RACE OF BRIDE AND GROOM
MICHIGAN, 1960

RACE OF GROOM	RACE OF BRIDE						
	Total	White	Negro	American Indian	Chinese	Japanese	Other
TOTAL	61,090	55,578	5,419	42	18	12	21
White	55,544	55,461	34	29	1	8	11
Negro	5,458	76	5,380	-	-	-	2
American Indian	33	17	3	13	-	-	-
Chinese	25	7	1	-	17	-	-
Japanese	6	2	-	-	-	4	-
Other	24	15	1	-	-	-	8

TABLE 17 DIVORCES AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE
MICHIGAN, 1960

LEGAL GROUNDS FOR DECREE	NUMBER	PERCENT
TOTAL	16,656	100
Cruelty	15,272	91.7
Desertion	799	4.8
Nonsupport	291	1.7
Fraud	101	0.6
Bigamy	28	0.2
Conviction of crime	28	0.2
Adultery	22	0.1
Drunkenness	18	0.1
Other	50	0.3
Not stated	47	0.3

TABLE 18 - DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE
MICHIGAN, 1960

	DURATION (YEARS)	NUMBER	PERCENT
	TOTAL	16,656	100
	Under 1 year		
	1 - 4	4,880	29.3
	5 - 9	4,516	27.1
	10 - 14	3,077	18.5
	15 - 19	1,671	10.0
	20 - 24	1,146	6.9
	25 - 29	585	3.5
	30 - 34	293	1.8
	35 - 39	142	0.8
	40 - 44	62	0.4
	45 - 49	33	0.2
	50 & over	7	0.0
	Not stated	30	0.2

TABLE 19 - DIVORCES BY CASES CONTESTED, LIBELLANT, NUMBER OF CHILDREN: ANNULMENTS: BY COUNTY OF DECREE
MICHIGAN, 1960

AREA	Divorces & Annulments	Annulments	Total	Cases Contested	Granted to -		DIVORCES Children						5 or More	Not Stated	
					Husband	Wife	0	1	2	3	4				
STATE	16,656	197	16,459	3,738	4,203	12,256	7,347	3,621	2,769	1,567	688	461	6		
Alcona	5	-	5	1	3	2	3	-	1	1	-	-	-	-	
Alger	12	-	12	1	3	9	4	3	3	-	1	1	-	-	
Allegan	83	2	81	31	24	57	34	20	16	7	4	-	-	-	
Alpena	36	-	36	9	10	26	10	7	11	5	1	2	-	1	
Antrim	24	-	24	2	6	18	7	4	7	2	-	3	-	1	
Arenac	8	-	8	1	4	4	3	3	2	-	-	-	-	-	
Baraga	8	-	8	1	3	5	2	1	2	2	-	1	-	-	
Barry	65	-	65	11	19	46	34	12	9	5	2	3	-	-	
Bay	195	1	194	24	47	147	65	52	39	23	5	10	-	-	
Benzie	13	-	13	5	6	7	9	-	1	2	-	1	-	-	
Berrien	369	1	368	12	92	276	156	73	71	39	20	9	-	-	
Branch	70	-	70	13	13	57	29	13	16	6	6	-	-	-	
Calhoun	464	2	462	118	114	348	196	114	70	54	23	5	-	-	
Cass	83	-	83	-	24	59	41	12	17	8	4	1	-	-	
Charlevoix	22	-	22	5	5	17	6	4	7	3	1	-	-	-	
Cheboygan	23	-	23	7	8	15	4	11	3	5	-	-	-	-	
Chippewa	33	1	32	2	9	23	12	6	7	2	3	2	-	-	
Clare	24	1	23	4	7	16	13	3	6	-	-	1	-	-	
Clinton	46	-	46	15	15	31	16	10	10	6	2	2	-	-	
Crawford	14	-	14	2	3	11	5	4	1	3	1	-	-	-	
Delta	49	-	49	5	12	37	17	13	7	9	1	2	-	-	
Dickinson	38	2	36	2	9	27	10	7	9	7	2	1	-	-	
Eaton	128	1	127	18	40	87	37	29	23	21	10	7	-	-	
Emmet	28	-	28	2	4	24	12	3	5	4	1	3	-	-	
Genesee	1,017	5	1,012	275	306	706	457	214	153	96	56	36	-	-	
Gladwin	8	-	8	2	4	4	3	3	-	1	1	-	-	-	
Gogebic	20	-	20	8	3	17	6	6	5	1	2	-	-	-	
Grand Traverse	81	-	81	6	13	68	29	18	18	11	3	2	-	-	
Gratiot	60	-	60	-	19	41	23	15	9	8	5	-	-	-	
Hillsdale	55	-	55	6	19	36	17	10	13	6	4	5	-	-	
Houghton	30	-	30	4	3	27	11	8	6	2	2	1	-	-	
Huron	10	-	10	5	4	6	2	3	4	-	1	-	-	-	
Ingham	582	8	574	79	143	431	230	120	115	64	26	19	-	-	
Ionia	46	1	45	2	7	38	12	14	7	5	5	2	-	-	
Iosco	30	1	29	2	11	18	5	3	2	1	-	-	-	-	
Iron	21	-	21	4	5	16	6	4	5	5	1	-	-	-	
Isabella	35	-	35	1	5	30	14	5	7	3	3	3	-	-	
Jackson	382	1	381	5	96	285	167	85	62	38	15	14	-	-	
Kalamazoo	473	2	471	4	111	360	212	92	82	50	22	13	-	-	
Kalkaska	6	-	6	-	1	5	4	1	1	-	-	-	-	-	
Kent	547	8	539	192	95	444	200	114	99	72	36	18	-	-	
Keweenaw	3	-	3	1	2	1	2	1	-	-	-	-	-	-	
Lake	10	-	10	1	3	7	5	3	1	1	-	-	-	-	
Lapeer	68	1	67	17	17	50	28	12	17	5	3	2	-	-	
Leelanau	6	-	6	-	6	2	2	2	-	-	1	1	-	-	
Lenawee	138	2	136	32	29	107	52	29	30	16	3	6	-	-	
Livingston	72	-	72	1	15	57	30	16	11	10	2	2	-	-	
Luce	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mackinac	16	-	16	4	5	11	8	4	2	1	-	1	-	-	
Macomb	648	24	624	20	152	472	248	154	117	64	30	10	1	-	
Manistee	25	2	23	11	6	17	8	5	8	1	-	1	4	-	
Marquette	64	-	64	1	16	48	26	16	9	7	2	4	-	-	
Mason	42	-	42	12	15	27	23	4	7	4	4	-	-	-	
Mecosta	29	-	29	7	12	17	12	7	8	1	-	-	-	-	
Menominee	25	-	25	13	2	23	11	8	5	1	-	-	-	-	
Midland	65	-	65	12	13	52	23	16	12	4	8	2	-	-	
Missaukee	9	-	9	2	3	6	3	1	3	1	-	1	6	-	
Monroe	131	1	130	16	34	96	47	24	28	19	6	4	-	-	
Montcalm	68	2	66	5	11	55	31	10	7	10	4	4	-	-	
Montmorency	8	-	8	1	1	7	4	1	2	1	-	-	-	-	
Muskegon	373	4	369	4	101	268	152	67	69	46	22	13	-	-	
Newaygo	39	-	39	-	13	26	11	14	6	2	1	5	-	-	
Oakland	1,615	15	1,600	262	305	1,295	630	395	284	179	60	51	1	-	
Oceana	31	-	31	3	15	16	15	3	5	6	-	2	-	-	
Ogemaw	10	-	10	-	2	8	3	5	1	-	-	1	-	-	
Ontonagon	8	-	8	2	4	4	1	4	2	1	2	3	-	4	
Osceola	19	-	19	4	4	15	4	6	-	-	-	-	-	-	
Oscoda	3	-	3	-	1	2	2	1	-	-	-	1	-	-	
Otsego	11	-	11	2	2	9	6	2	2	-	-	1	-	-	
Ottawa	119	-	119	3	33	86	48	37	16	6	9	3	-	-	
Presque Isle	14	-	14	4	1	13	3	4	5	-	1	1	-	-	
Roscommon	11	-	11	-	6	5	6	2	1	2	-	15	-	-	
Saginaw	342	3	339	56	88	251	145	68	61	31	19	10	-	-	
St. Clair	232	4	228	33	48	180	83	45	45	28	17	4	-	-	
St. Joseph	95	1	94	26	27	67	43	14	18	14	1	-	-	-	
Sanilac	33	1	32	3	5	27	9	12	7	2	2	-	1	-	
Schoolcraft	7	-	7	1	6	1	1	1	2	1	1	4	-	-	
Shiawassee	118	-	118	47	29	89	44	27	25	10	8	2	-	-	
Tuscola	50	-	50	-	19	31	22	9	9	6	2	2	-	-	
Van Buren	91	-	91	1	35	56	42	18	12	11	6	6	-	-	
Washtenaw	373	2	371	74	71	300	167	65	34	17	10	126	2	-	
Wayne	6,359	98	6,261	2,168	1,726	4,535	3,200	1,366	927	459	181	-	126	-	-
Wexford	33	-	33	4	6	27	11	9	8	3	-	2	-	-	

TABLE 20 - COMPONENTS OF POPULATION CHANGE BY DECADE
MICHIGAN, 1900 - 1960

CENSUS		NET CHANGE		COMPONENTS		NATURAL INCREASE		NET TOTAL MIGRATION ¹	
Year	Total Population	Number	Percent ²	Births	Deaths	Excess Births Over Deaths	Percent ²	Number	Percent ²
1900	2,420,982								
1910	2,810,173	1900 - 1910	+ 389,191	+ 16.1	524,795	347,781	+ 177,014	+ 7.3	+ 212,177 + 8.8
1920	3,668,412	1910 - 1920	+ 858,239	+ 30.5	789,159	434,452	+ 354,707	+ 12.6	+ 503,532 + 17.9
1930	4,842,325	1920 - 1930	+ 1,173,913	+ 32.0	964,493	501,486	+ 463,007	+ 12.6	+ 710,906 + 19.4
1940	5,256,106	1930 - 1940	+ 413,781	+ 8.5	897,986	511,269	+ 386,717	+ 8.0	+ 27,064 + 0.6
1950	6,371,766	1940 - 1950	+ 1,115,660	+ 21.2	1,305,536	548,591	+ 756,945	+ 14.4	+ 358,715 + 6.8
1960	7,823,194	1950 - 1960	+ 1,451,428	+ 22.8	1,906,004	627,850	+ 1,278,154	+ 20.1	+ 173,274 + 2.7

¹ Comprises net result of migration in to Michigan from other areas and migration out from Michigan to other areas (states or foreign countries).
² Base for each percent is population count of previous census.

Note: Percentages for natural increase and migration not adjusted to total to net change percent. Birth and death data obtained from Table 1A: Each decade includes three quarters of first census year, one quarter of last census year, and the total for each of the intervening years to correspond with the census date April 1. No adjustments made for under registration.

TABLE 21 - POPULATION BY AGE BY DECADE
MICHIGAN, 1900 - 1960

AGE	NUMBER					PERCENT									
	1900	1910	1920	1930	1940	1950	1960	1900	1910	1920	1930	1940	1950	1960	
ALL AGES	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	6,371,766	7,823,194	100	100	100	100	100	100	100	
Under 5	260,658	298,554	404,586	463,441	431,384	703,861	969,147	10.8	10.6	11.0	9.6	8.2	11.0	12.4	
5 - 19	744,817	800,677	990,187	1,359,325	1,360,992	1,471,763	2,186,777	30.8	28.5	27.0	28.1	25.9	23.1	27.9	
20 - 44	911,798	1,077,112	1,474,769	1,956,413	2,069,632	2,431,907	2,524,156	37.7	38.3	40.2	40.4	39.4	38.2	32.3	
45 - 64	379,023	473,864	604,166	805,380	1,063,244	1,302,585	1,504,930	15.6	16.9	16.5	16.6	20.2	20.5	19.2	
65 - 74	85,220	110,249	132,972	181,117	229,842	319,653	435,001	3.5	4.0	3.6	3.7	4.4	5.0	5.6	
75 & over	35,940	46,270	58,000	73,774	101,012	141,997	203,183	1.5	1.6	1.5	1.5	1.9	2.2	2.6	
Not stated	3,526	3,447	3,732	2,875	-	-	-	0.1	0.1	0.1	0.1	0	0	0	

Source: Bureau of Census. In each census since 1940, age was estimated when not reported.