

Appendix C

DEMOGRAPHIC FEATURES

Population Growth

Locke Township has grown from a community of 921 in 1930 to a community of 1,671 in 2000. The rate of growth over this period has varied. The strongest growth rate, 17.0%, occurred in the 1950s. Its slowest rate of growth, 4.4%, occurred in the 1930s and 1940s. While the Township's growth rates have historically lagged behind that of Ingham County and Michigan as a whole, the past 20 years have witnessed a reversal of this trend. The Township's 4.5% and 9.9% growth rates during the 1980s and 1990s, respectively, exceeded those of the County and State by 40% or more. In fact, Ingham County's 2000 population reflected a 0.9% decline since 1990 (largely due to the population loss in the City of Lansing).

Over the years, the Township has maintained an approximately 0.6% share of the County population. The Township's rising population has increased population density. Its density was 26 persons per square mile in 1930 and increased to 46 persons per square mile in 2000. By comparison, Meridian Township, the county's most populated township, had a 2000 population of 39,116 persons and a population density of 1,222 persons per square mile.

Locke Township's 4.5% growth rate during the 1990s lagged behind all but one of the four principal adjacent Townships of Perry, Conway, Leroy, and Williamston. Leroy Township reflected the slowest growth over this period with a rate of 2.5%. Conway Township reflected the fastest rate of growth at 50.2%.

TABLE C-1
Population Trends & Growth Rates
(ten-year growth rates indicated by "%")

YEAR	LOCKE TOWNSHIP		INGHAM COUNTY		STATE of MICHIGAN	
1930	921		116,587		4,842,325	
1940	980	4.4%	130,616	12.0%	5,256,106	8.5%
1950	1,023	4.4%	172,941	32.4%	6,371,766	17.6%
1960	1,171	14.5%	211,296	22.2%	7,823,194	18.6%
1970	1,370	17.0%	261,039	23.5%	8,881,826	11.9%
1980	1,456	6.3%	275,520	5.5%	9,262,078	4.1%
1990	1,521	4.5%	281,912	2.3%	9,295,297	0.4%
2000	1,671	9.9%	279,320	-0.9%	9,938,444	6.9%

Source: U.S. Census Bureau

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Population Projections

Estimating future population growth can provide important insights into identifying future land use and public services needs. Projecting the growth of a community's population over a prescribed period of time is not an exact science. The many unpredictable factors that affect growth make population projections somewhat speculative. By using several projection techniques, a range of growth estimates can be generated. These shed light on potential growth if planning policies and land development regulations are generally held constant.

The current trend approach assumes that the Township will continue to grow at a rate similar to that which occurred between 1990 and 2000 (9.9% every ten years). The

historical trend approach assumes the Township will grow at a rate that reflects the Township's average growth rate between the years 1930 and 2000 (8.7% every ten years). The ratio trend approach assumes the Township will continue to capture 0.6% of the county population as it has during much of the past 70 years. The ratio trend projection relies on the Trio-County Regional Planning Commission's (TCRPC) population projections for Ingham County. A fourth projection has been prepared by the Tri-County Regional Planning Commission for the county subdivisions. These projections take into account factors in addition to past population trends, including employment conditions. The average of the resulting four projections yields a population of 1,809 in year 2010 and 1,928 in year 2020 (see Table C-2).

**TABLE C-2
Locke Township Population Projections**

Projection Method	Year 2010	Year 2020
Current Trend	1,836	2,018
Historical Trend	1,816	1,974
Ratio Trend	1,808	1,898
TCRPC	1,777	1,823
Average of Projections	1,809	1,928

Social and Economic Characteristics

The 2000 Census showed Locke Township to have a more homogeneous racial population than the County and State as a whole (see Table C-3). This homogeneity is typical of rural Michigan communities, as compared to more urban areas such as the City of Lansing. 97.5% of the Township population was white, compared to 79.5% for the County and 80.2% for the State. The 2000 median age of 36.1 years reflects a population that is considerably older than the County as a whole (30.4 years) but just slightly higher than the State as a whole (35.5 years). This increased maturity is largely the result of the comparatively high number of residents falling within the 40 – 64 years age category. The 34.9% of the Township's population between 40 – 64 years of age is 14% – 28% higher than the County and State. Like the nation, the Township's residents are continuing to mature. Its 2000 median age of

36.1 years reflects an 8.7% increase over its 1990 median age of 33.2 years. (see Table C-4)

The 2000 Census recorded 571 households and 481 families in the Township. The average household size in 2000 was 2.93 persons and the average family size was 3.18 persons. Of all the households in the Township, 73.7% included a married-couple. This percentage was significantly higher than that for the County (43.0%) and State (51.4%) as a whole. Of the 10.5% of nonmarried-couple families, 51.4% are headed by a male. This is in contrast to the County and State as a whole where male householders in nonmarried-couple families represented approximately one-third of such households. Approximately one of every six households (15.8%) in the Township was a non-family household in 2000 – a rate substantially lower than the County (41.3%) and State (31.9%).

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TABLE C-3
Race, 2000
(by percent)

RACE	LOCKE TOWNSHIP	INGHAM COUNTY	STATE of MICHIGAN
White Alone	97.5	79.5	80.2
Black/African American Alone	0.1	10.9	14.2
American Indian, Alaska Native Alone	0.7	0.5	0.6
Asian Alone	0.6	3.7	1.8
Native Hawaiian/Other Pacific Islander Alone	0.0	0.1	0.0
Some Other Race Alone	0.1	2.4	1.3
Two or More Races	1.0	3.0	1.9

Source: 2000 U.S. Census

TABLE C-4
Age, 2000

(By Percent, except where otherwise noted)

AGE	LOCKE TOWNSHIP	INGHAM COUNTY	STATE of MICHIGAN
Under 5 yrs.	6.8	6.3	6.8
5 - 17 yrs.	21.5	17.1	19.4
18 - 24 yrs.	6.7	18.5	9.4
25 - 39 yrs.	21.9	21.4	21.6
40 - 54 yrs.	24.4	20.2	21.9
55 - 64 yrs.	10.5	7.1	8.7
65 - 79 yrs.	6.6	6.9	9.1
80 yrs. or more	1.7	2.5	3.2
Median Age	36.1 yrs.	30.4 yrs.	35.5 yrs.

Source: 2000 U.S. Census

TABLE C-5
Household Type, 2000
(by percent)

HOUSEHOLD TYPE	LOCKE TOWNSHIP	INGHAM COUNTY	STATE OF MICHIGAN
Married-couple family	73.7	43.0	51.4
Other family:	10.5	15.8	16.6
(Male householder)	(5.4)	(3.7)	(4.1)
(Female householder)	(5.1)	(12.1)	(12.5)
Non-family household	15.8	41.3	31.9
(Male householder)	(8.7)	(19.0)	(14.9)
(Female householder)	(7.0)	(22.3)	(17.0)

Source: 2000 U.S. Census

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The Township's labor force in 2000 was comprised of 924 persons. The three principal employment industries in year 2000 for Locke Township workers were (1) education, health, and social services (2) manufacturing and (3) professional and related services. These industries alone accounted for 48.3% of residents' employment. Education, health, and social services accounted for 22.3% of local residents' employment, the largest employment industry for Township workers. The 4.5% of Township residents employed in the agriculture, forestry and fisheries industry was approximately four times that of the State and six times that of the County (see Table C-6). The unemployment rate in Locke Township in 2000 was 2.2%, compared to 2.7% for the County and 3.5% for the State. The unemployment rate in the Township in 2003, through September, was 4.3%. This compares to the County's and

State's unemployment rates of 5.1% and 7.1% respectively. Since 1990, the Township's unemployment rate had generally fallen from 5.4% to 2.2% in 2000. The Township's unemployment rate has generally been about 0.5 – 1.0 percentage points lower than that of the County.

4.2% of Township workers worked in their home, compared to 3.0% and 2.5% for the County and State respectively. The average commute time for Locke Township workers was 29.2 minutes – a reflection of the limited employment opportunities in the immediate area of the Township. 10% of Township residents who were workers of 16 years of age and over were employed within Locke Township itself. However, this 10% rate is greater than three of the four principal surrounding townships.

TABLE C-6
Employment by Industry, 2000
 (employed persons 16 years and older, by percent)

OCCUPATION	LOCKE TOWNSHIP	INGHAM COUNTY	STATE of MICHIGAN
Education, health, and social services	22.3	27.3	19.9
Manufacturing	13.9	10.4	22.5
Professional, scientific, management, administrative, waste management, and other services	12.1	12.7	12.6
Retail trade	11.0	10.9	11.9
Construction	10.4	4.9	6.0
Public administration	7.7	8.7	3.6
Art, entertainment, recreation, accommodations, and food services	6.7	9.4	7.6
Finance, insurance, and real estate	5.6	6.4	5.3
Agriculture, forestry, fishing, hunting, and mining	4.5	0.7	1.1
Transportation, warehousing, and utilities	3.4	3.1	4.1
Wholesale trade	2.2	2.7	3.3
Information	0.2	2.7	2.1

Source: 2000 U.S. Census

For those employed in 1999, workers' income characteristics placed the Township in a significantly more prosperous position than the County and State as a whole. The Township's median household income (\$58,188) and family income (\$62,422) levels were 17% – 45% higher than the County and State as a whole. The rates of Township persons (4.1%) and families (1.8%) that were below poverty level were less than 60% of those for the County and State. (see Table C-7)

The 2000 Census revealed Locke Township residents had a somewhat comparable level of formal education as compared to the County and State. While 92.3% of the Township residents 25 years or older had received a high school education or higher, a rate somewhat higher than the County (88.1%) and State (83.4%), the proportion of Township residents earning a college degree (19.8%) was considerably lower than the County (33.0%) and somewhat lower than the State (21.8%). For 40% of the Township residents, the highest level of education attainment was acquiring a high school diploma, compared to 23.4% for the County and 31.3% for the State.

TABLE C-7
Income, 1999

INCOME CHARACTERISTIC	LOCKE TOWNSHIP	INGHAM COUNTY	STATE OF MICHIGAN
Median household income	\$58,188	\$40,774	\$44,667
Median family income	\$62,422	\$53,063	\$53,457
Per capita income	\$23,149	\$21,079	\$22,168
Families below poverty level	1.8%	8.3%	7.4%
Persons below poverty level	4.1%	14.6%	10.5%

Source: 2000 U.S. Census

TABLE C-8
Highest Level of Education Attainment, 2000
(for persons 25 years of age, by percent)

HIGHEST EDUCATION ATTAINMENT	LOCKE TOWNSHIP	INGHAM COUNTY	STATE of MICHIGAN
Less Than 9th Grade	1.0	3.3	4.7
9th to 12th, no diploma	6.7	8.6	11.9
High School Diploma	40.0	23.4	31.3
Some college, no degree	27.0	24.1	23.3
Associates Degree	5.6	7.7	7.0
Bachelor's Degree	12.8	18.5	13.7
Graduate/Professional Degree	7.0	14.4	8.1
High school graduate or higher	92.3	88.1	83.4
Bachelor's degree or higher	19.8	33.0	21.8

Source: 2000 U.S. Census

