Population Change in Michigan

IPPSR Incoming Legislator Program
State Demographer

- Michigan’s liaison with the U.S. Census Bureau for most programs including population estimates, projections, data dissemination and the decennial census

- Advisor to state leaders, businesses, non-profits, the media, and the general public on issues related to population and the Census

- Lead for the State Data Center (SDC)
• I send out updates when there is a significant data release from the Census Bureau

• The Bureau of Labor Market Information & Strategic Initiatives also sends out regular updates on a wealth of topics

• You can sign up for those updates and pick what topics interest you at: https://public.govdelivery.com/accounts/MIDEPTTMB/subscriber/new
Topics

• 2020 Census
• State Population (trends and projections)
• How Populations Change
• Population Structure
• Poverty
2020 Census

• Once a decade count of all residents
  – Required by the Constitution
  – Used in Redistricting
  – Forms the basis of all the demographic data produced by the federal government

• The next two years will see the ramp-up and execution of the Census
  – Partnership activities
  – Census offices
  – Complete Count Committees
  – Local hiring
  – Address canvassing
Michigan Population

Source: U.S. Census Bureau, Population Estimates Program
Michigan Projected Population

Why Does It Matter?

• There are only three things that affect a population size over time:
  – Births
  – Deaths
  – Migration

\[
\text{Population}_2 = \text{Population}_1 + \text{Births} - \text{Deaths} + (\text{In-migrations} - \text{Out-migration})
\]

- Natural Change
- Net Migration
Births

Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS)
Population Change Due to Births and Deaths

Source: U.S. Census Bureau, 2017 Population Estimates

Natural Change in the Population

- Natural Decline
- Natural Increase

Source: U.S. Census Bureau, 2017 Population Estimates
Net Migration

Source: Michigan DTMB, BLMISI; U.S. Census Bureau, Population Estimates Program; MDHHS
Net Migration

Source: U.S. Census Bureau, 2017 Population Estimates
Net Domestic Migration

Source: U.S. Census Bureau, 2017 Population Estimates
Net International Migration

Source: U.S. Census Bureau, 2017 Population Estimates
Michigan Age Structure

Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS)
Michigan Age Structure

Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS)
Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS)
County Median Ages

Source: U.S. Census Bureau, Population Estimates Program
Geographic Distribution of Poverty

Source: U.S. Census Bureau, 2016 American Community Survey, 5-year Estimates
Detroit and Pontiac

Source: U.S. Census Bureau, 2016 American Community Survey, 5-year estimates
Saginaw, Bay City, and Midland

Source: U.S. Census Bureau, 2016 American Community Survey, 5-year Estimates
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• Michigan’s population has fluctuated over the last 15 to 20 years, but it is increasing again
  – The state should pass the 10M mark soon
  – The state will likely reach/surpass its peak population early to mid-decade

• Migration will be the factor that will most affect the state’s population positively in the years to come

• Poverty exists throughout the state, but it reaches its highest concentrations in urban areas.
Questions?