Michigan's K-12 Population

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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)

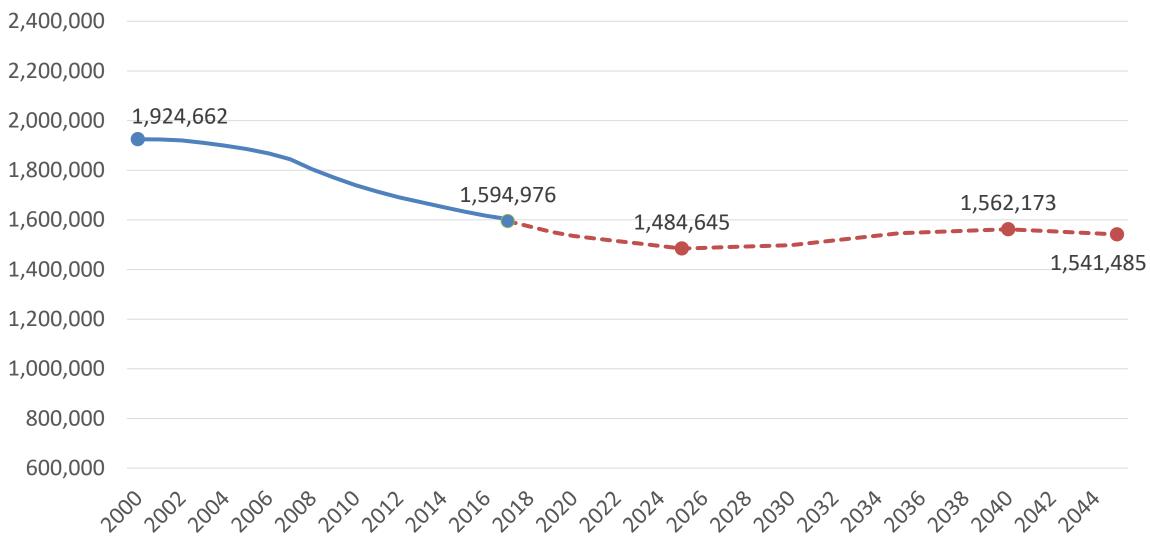


Topics

- Michigan's K-12 Population
- How Populations Change
- State Level Population
- K-12 Migration
- Fertility Rates and Births
- K-12 Change at the County Level 2020 to 2030



Estimated and Projected K-12 Age (5-17) Population



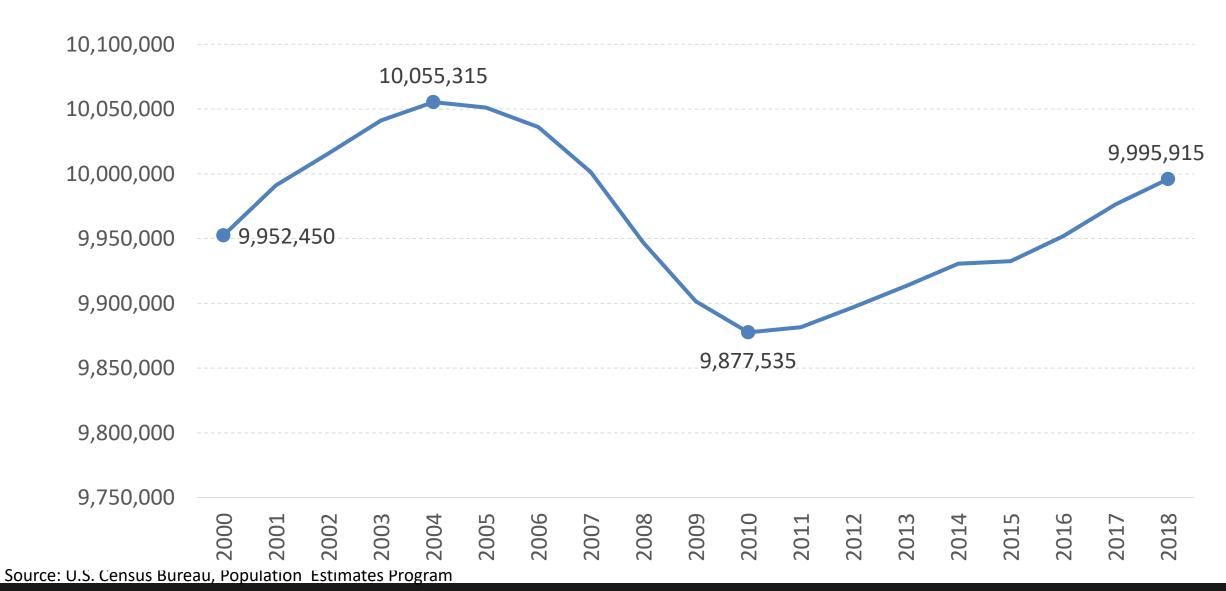
Source: U.S. Census Bureau, Population Estimates Program; MDOT and U-M's Institute for Research on Labor, Employment, and the Economy (IRLEE)



How Populations Change

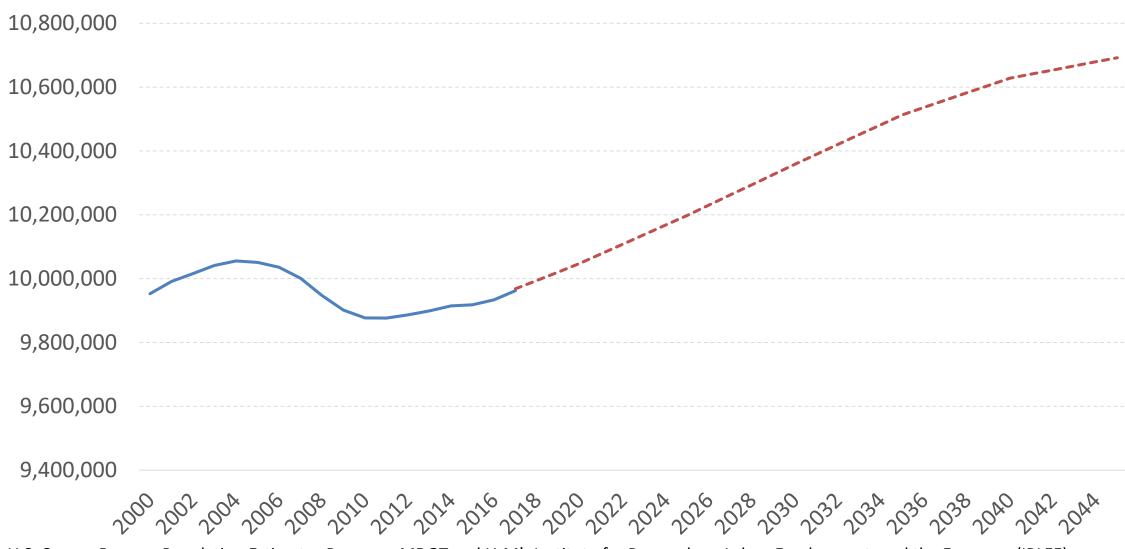
- There are only three things that affect a population size over time:
 - Births
 - Deaths
 - Migration

Michigan Population



BARB

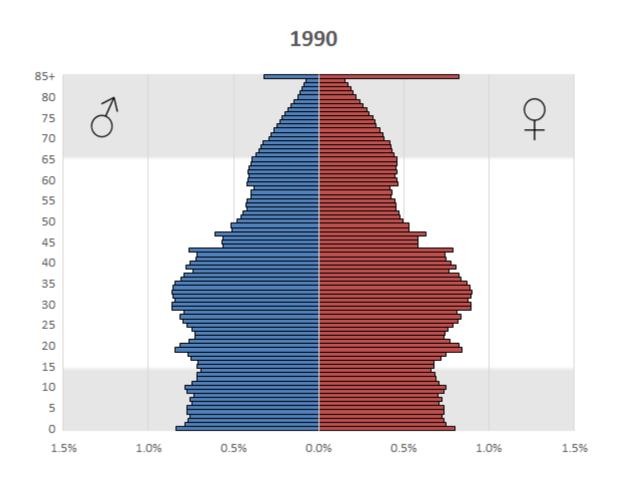
Michigan Projected Population



Source: U.S. Census Bureau, Population Estimates Program; MDOT and U-M's Institute for Research on Labor, Employment, and the Economy (IRLEE)



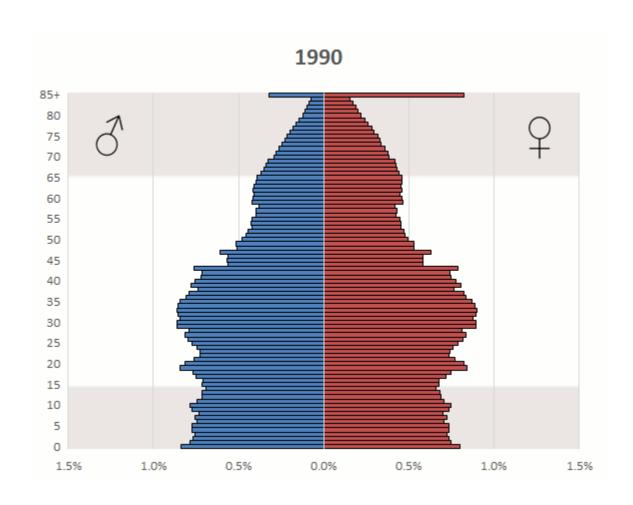
Michigan Age Structure



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



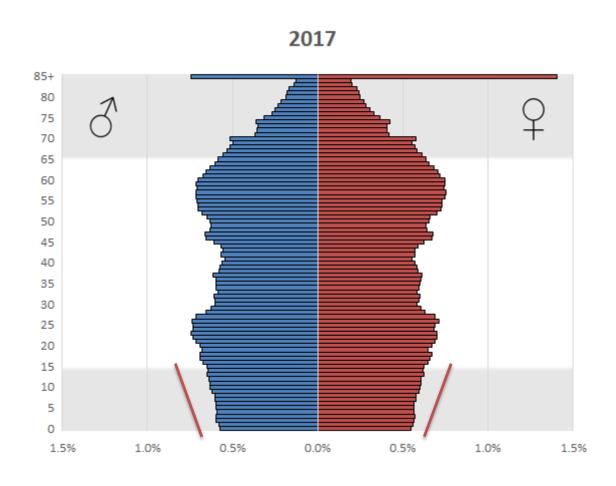
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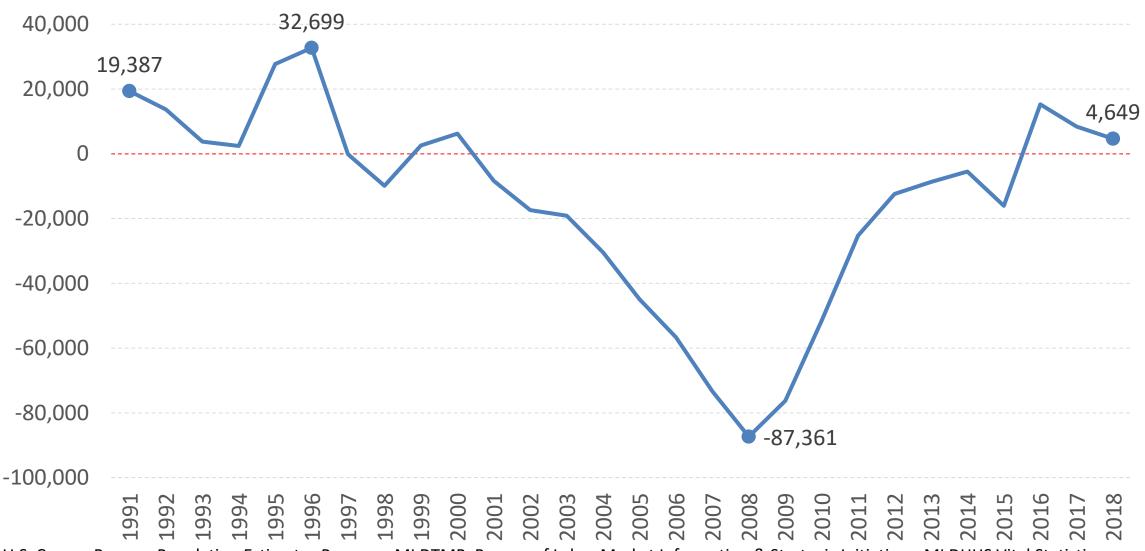
Michigan Age Structure



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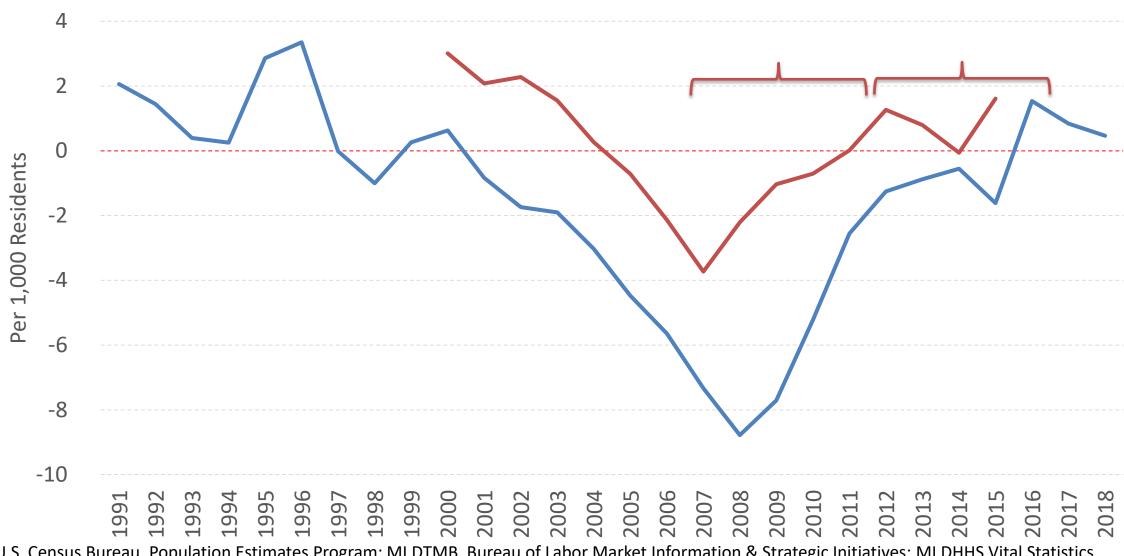
Michigan Net Migration (Total Population)



Source: U.S. Census Bureau, Population Estimates Program; MI DTMB, Bureau of Labor Market Information & Strategic Initiatives; MI DHHS Vital Statistics



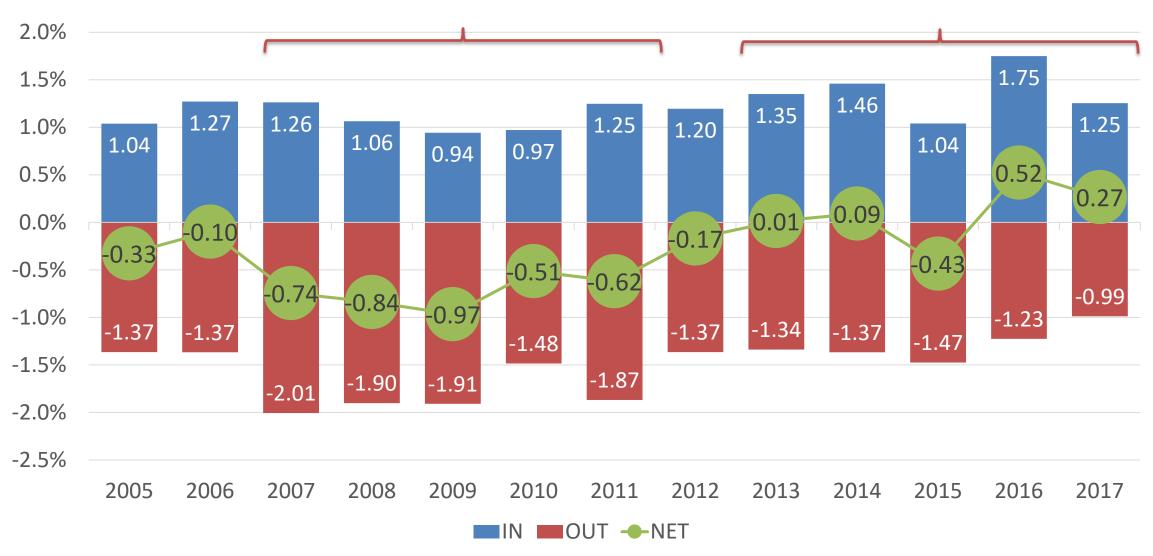
Michigan Net Migration (Total Population & K-12)



Source: U.S. Census Bureau, Population Estimates Program; MI DTMB, Bureau of Labor Market Information & Strategic Initiatives; MI DHHS Vital Statistics



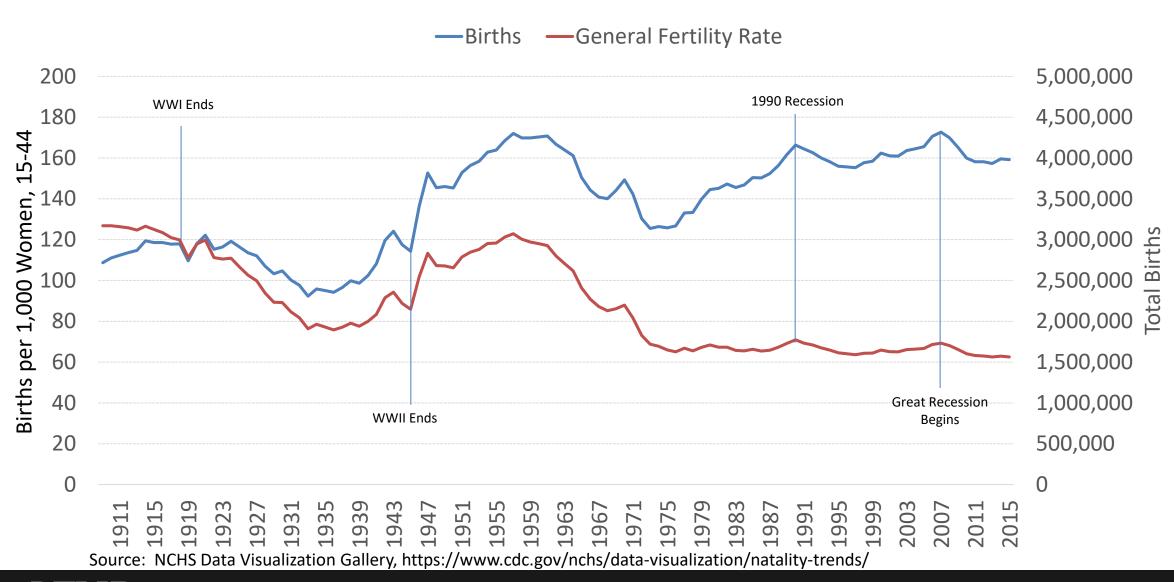
Domestic Migration of K-12 (5-17) Age Population



Source: U.S. Census Bureau, 2005 – 2017 American Community Survey 1-year Public Use Microdata Samples

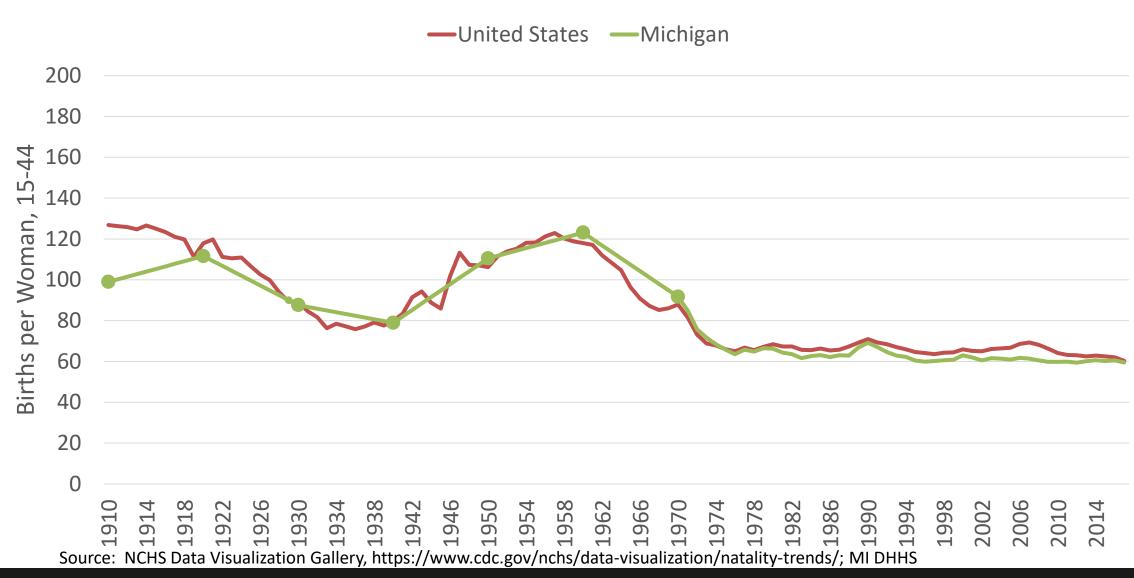


National Fertility Rates and Births



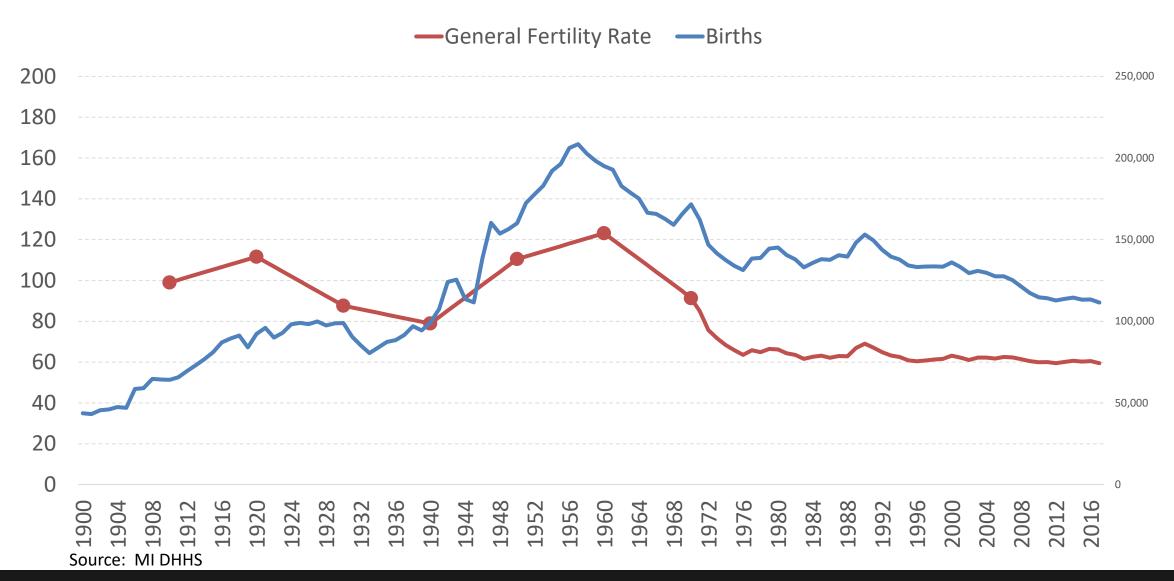


Michigan and U.S. Fertility Rates



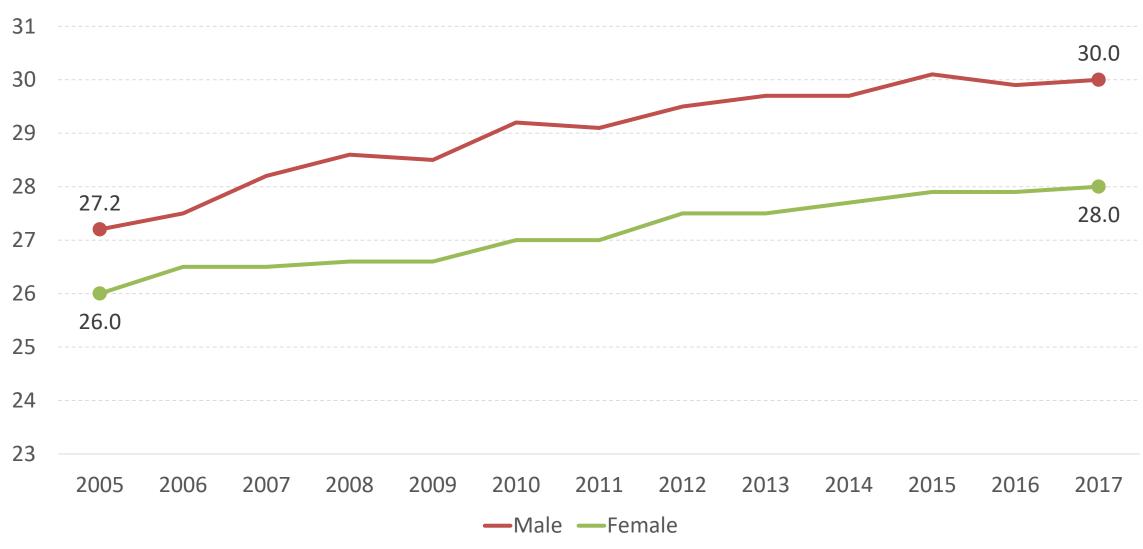


Michigan Fertility Rates and Births





Median Age at First Marriage in Michigan



Source: U.S. Census Bureau, 2005 – 2017 American Community Survey 1-year Estimates



Increasing Median Ages for Mothers

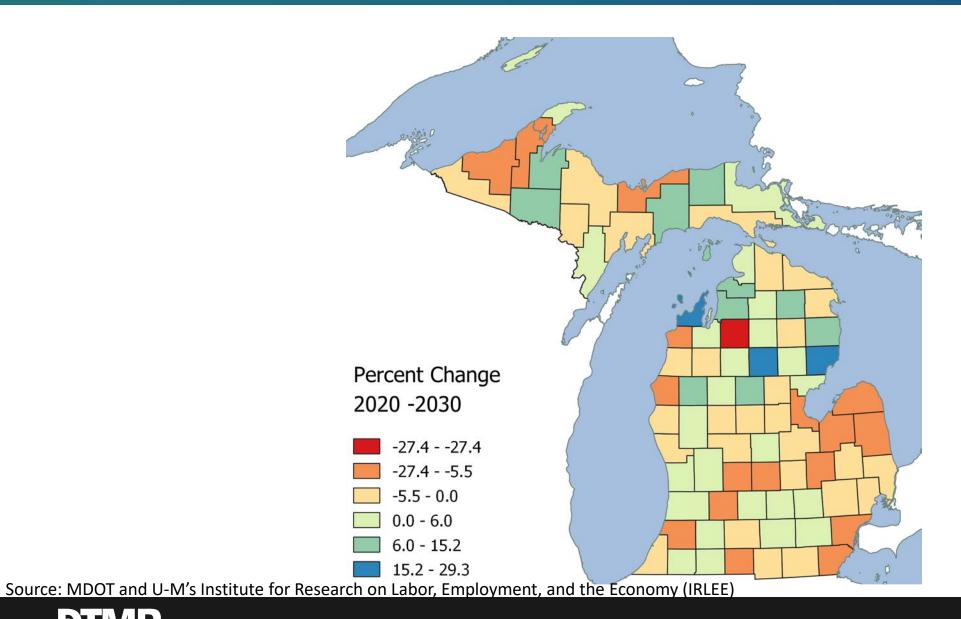
Between 2003 and 2017:

Median age for mothers having a first child increased from 25 to 26.

Median age for all mothers increased from 27 to 28 years

Source: U.S. Census Bureau, 2017 American Community Survey 1-year Estimates; United States Department of Health and Human Services

Change in the K-12 Population 2020 - 2030





Items to Consider

- Changes in the K-12 population are affected by the changes in the general population
 - Migration patterns track
 - Long-term declines in fertility have significant effects on the K-12 population
- The K-12 population will continue to see losses for the next five to six years until projected migration and millennial fertility lead to moderate population increases

 Projected population changes will be realized differently across the state just as historical population changes have varied regionally



Thank you

Questions?



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