## Michigan's K-12 Population

- 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



[^0]- There are only three things that affect a population size over time:
- Births
- Deaths
- Migration

Population $_{2}=$
Population $_{1}+\underbrace{\text { Births }- \text { Deaths }}_{\text {Natural Change }}+\underbrace{\text { (In-migrations }- \text { Out-migration) }}_{\text {Net Migration }}$

## Michigan Population



Source: U.S. Census Bureau, Population tstımates Program
CHB

## Michigan Projected Population

$10,800,000$

[^1]1990


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

1990


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## Michigan Net Migration (Total Population)



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## Michigan Net Migration (Total Population \& K-12)



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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
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## National Fertility Rates and Births

—Births —General Fertility Rate


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## Michigan and U.S. Fertility Rates

—United States —Michigan


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## Michigan Fertility Rates and Births

> —General Fertility Rate —Births


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## Median Age at First Marriage in Michigan



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- 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


## Change in the K-12 Population 2020-2030



- 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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[^0]:    Source: U.S. Census Bureau, Population Estimates Program; MDOT and U-M's Institute for Research on Labor, Employment, and the Economy (IRLEE)

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