

Growing Michigan Together: Infrastructure and Places

July 13, 2022

Why Does Place Matter to Michigan's Population?

- For much of the 1900s, people chose where to live based on employment opportunities, which fueled Michigan's growth
- Today the “quality of place” drives many people's decisions of where to live, more so than a particular job
- People seek vibrant communities with a range of amenities
- These trends accelerate as remote work options expand
- Even for employers with work that must occur onsite, many evaluate the “quality of place” to ensure it will be a location they can attract and retain talent

Why Does Infrastructure Matter to Place?

- Physical infrastructure is the foundation on which our society, communities, and economy are built
 - In Michigan we built out rather than building up or in
- Thriving communities require healthy infrastructure
- When infrastructure fails, a community can grind to a halt
 - Freeways and local roads flood
 - The tap stops providing safe water
 - Sewage discharges into our lakes and rivers
 - Public transit doesn't run on time
 - People can't live their lives and we stop doing business

How's Michigan Doing?

American Society of Civil Engineers [2023 Michigan's Infrastructure Report Card](#):

D+

Drinking water

C

Wastewater

D

Stormwater

D

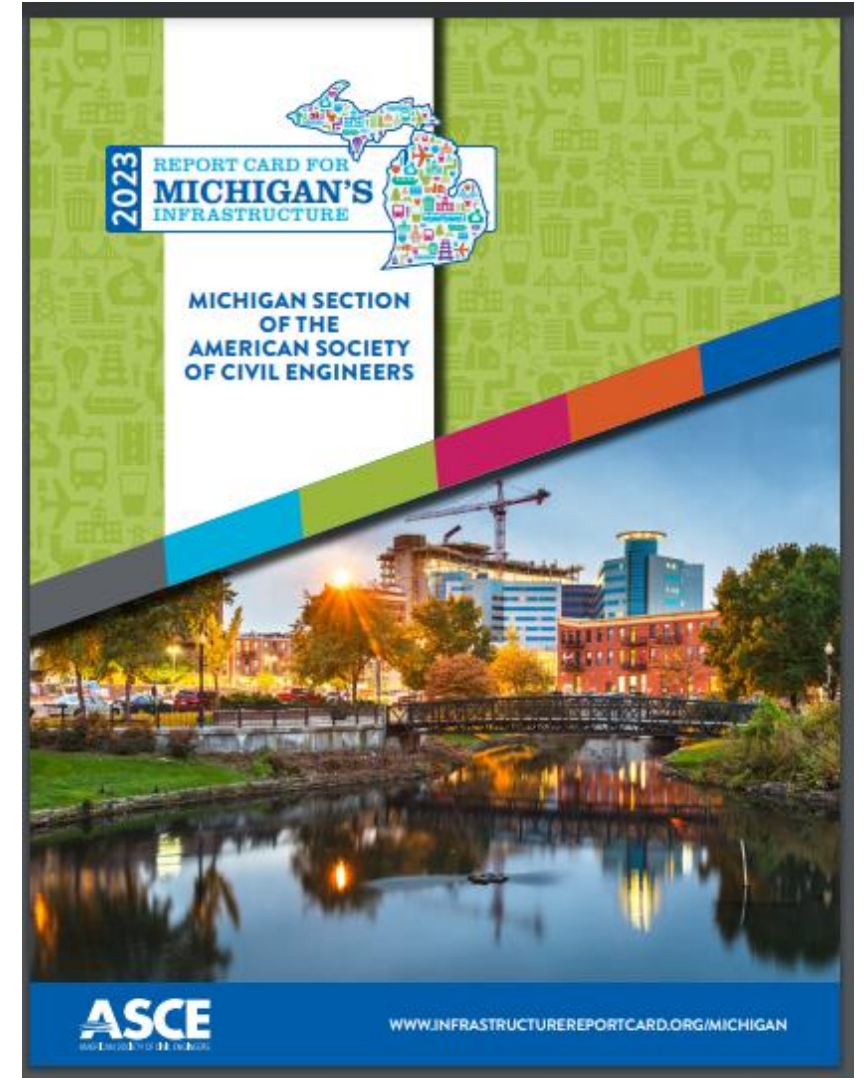
Roads

D+

Bridges

C-

Transit



Water Infrastructure

75%

of Michiganders on public water and/or wastewater systems

50– 100+ years

Age of systems

-77%

Federal funding reductions for infrastructure since 1977

\$800+ m

Annual gap for drinking, waste, and storm water

6–10%

of households are “water burdened” paying more than 5% of their income for their water bill

Roads and Bridges

Roads

67%

Federal aid-eligible roads in good or fair condition

55%

Non-federal-aid roads in good or fair condition

\$2.1–\$3.9 b

Annual funding gap to maintain MI's state road system

Bridges

89%

In good or fair condition

\$381 + m

Annual funding gap to maintain MI's bridges

Transit

88

Number of public transit agencies in Michigan

-5%

Ridership from 2015 to 2019

+15%

Operating cost increases from 2015 to 2019

Some system expansion to connect regions, and suburbs to cities

- Detroit to Ann Arbor
- Ann Arbor to Lansing
- Lansing to Grand Rapids
- SMART Bus system launched new express routes on Michigan, Woodward, and Gratiot Ave.

Housing

A tale of two Michigan's with substantial variation across the state

\$1,374

Median mortgage & utilities cost
2017-2021

\$932

Median rent & utilities
2017-2021

50%

Cost-burdened renters

25%

Severely cost-burdened renters

\$172k

Median value of owner-occupied homes 2017-2021

190k

Number of new *housing units needed*

22k

Number of building permits issued for new homes in 2022

15%

Of Michigan housing units vacant



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