The State Universities of Michigan: Powering Michigan's Workforce & Economy

House Appropriations Subcommittee on Higher Education and Community Colleges



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Michigan's 15 Public Universities

- National/International Reputation for Academic and Research Excellence
- Fall 2024 student headcount: 259,241
- Degree Completions (2022-2023): 67,559
 - Associates: 1,012
 - Bachelor's: 44,753
 - Master's: 16,629
 - Doctorate: 2,167
 - Professional: 2,998



Research & Innovation

- \$3.37 billion in R&D expenditures (FY 2023)
 - 53% from federal government
 - 47% from industry, non-profits, local and state government
- \$24 billion annual economic impact (URC)
- Bolstering key state industries: mobility, advanced manufacturing, life & health sciences







Value of a College-Educated Workforce

Michigan's Educational Attainment Goal

60% of residents aged 25-64 to have a postsecondary degree or certificate by 2030.

- Michigan's educational attainment rate: 51.8%
- National average: 54.9%
- National ranking: 34th (four-year degree attainment)
- National ranking in per-capita income: 35th

Michigan's High-demand, High-wage Careers

Of the 50 high-demand, high-wage occupations in Michigan through 2032, 42 require a four-year college degree or higher (84%)



Source: Michigan Bureau of Labor Market Information and Strategic Initiatives

Most Top-paying Jobs Go to Those With Four-year Degrees

Two-thirds of Michigan's good-paying jobs go to workers with a bachelor's degree or higher, disproportionate to their share of the overall population. Workers with an associate degree, credential, or only a high-school diploma face far tougher odds of earning a good-paying job (of \$65,000 annually or higher).

% OF JOBS THAT PAY \$65,000 OR MORE

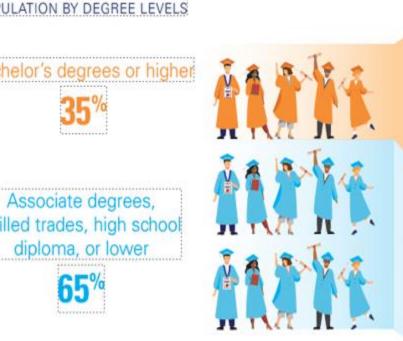
% OF WORKING-AGE POPULATION BY DEGREE LEVELS

Source: Don Grimes, Bureau of Labor Statistics. U.S. Census Bureau. For the Detroit Regional

Chamber.

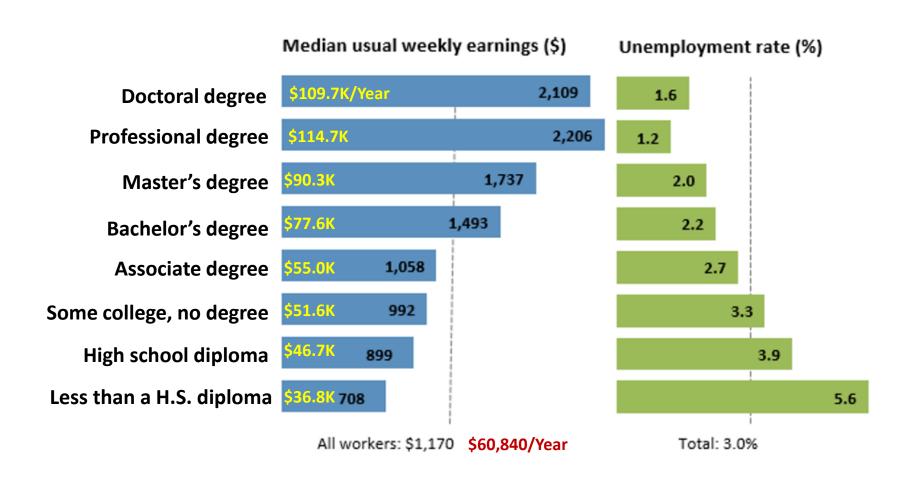


Associate degrees, skilled trades, high school diploma, or lower





Earnings and Unemployment Rates by Educational Attainment, U.S., 2023



Data are for persons aged 25 and over. Earnings are for full-time wage and salary workers. Source: U.S. Bureau of Labor Statistics, Current Population Survey.

ROI of a Michigan Public University Undergraduate Degree

10 Year ROI **\$188,400**

20 Year ROI **\$756,600**

30 Year ROI **\$1,386,000**

40 Year ROI **\$1,912,667**



A More Accurate Portrait of the Value of College Attainment



When it comes to college attainment, increased earnings and job security are just the tip of the iceberg!

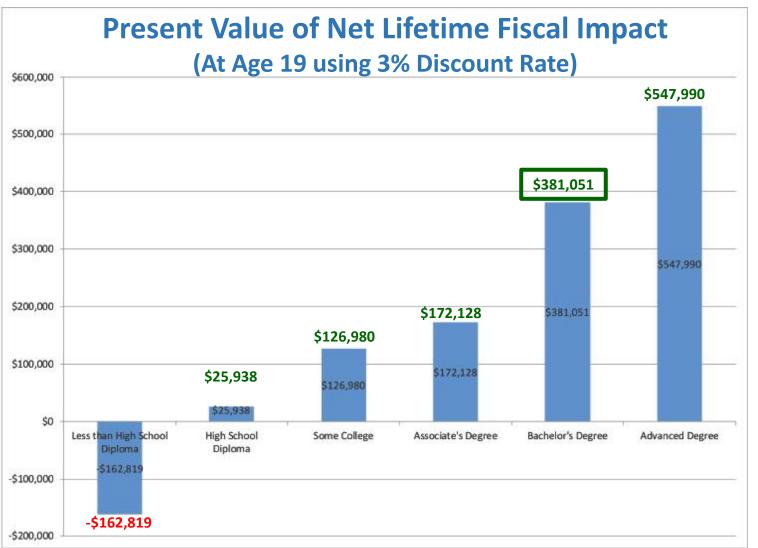
Factoring In:

- Lifetime Taxes Paid
 - Federal, social security, state, property, sales
- Public Assistance
 - Medicaid, food stamps, school lunches, cash assistance, energy assistance, housing subsidies
- Social Insurance
 - Unemployment insurance, supplemental security, disability, workers' compensation

Study by Philip Trostel, Professor of Economics and Public Policy, Margaret Chase Smith Policy Center and School of Economics, University of Maine. Source: *The Tip of the Iceberg*, **Change**, the Magazine of Higher Learning, May/June 2017

Net Lifetime Fiscal Impact of College Attainment

Lifetime Taxes Paid, minus Public Assistance and Social Insurance



vs.
High School
Diploma:

\$355,113 more in net lifetime fiscal impact

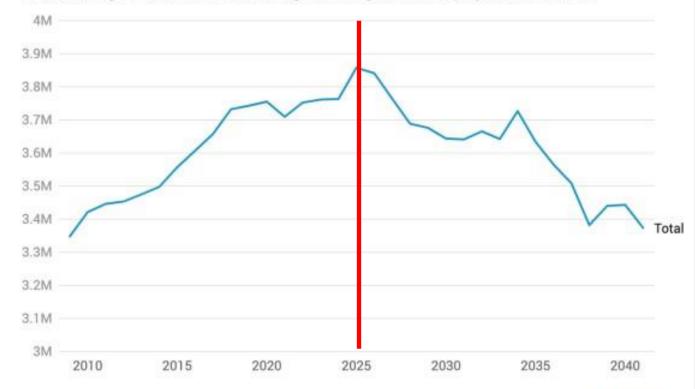
Source:
The Tip of the Iceberg,
Change, the
Magazine of
Higher Learning
May/June 2017

In Sum: Increased college attainment generates greater tax revenues and <u>reduces</u> the need for government spending on public assistance and social insurance.

Nationally: 2025 is Peak Year for High School Graduates



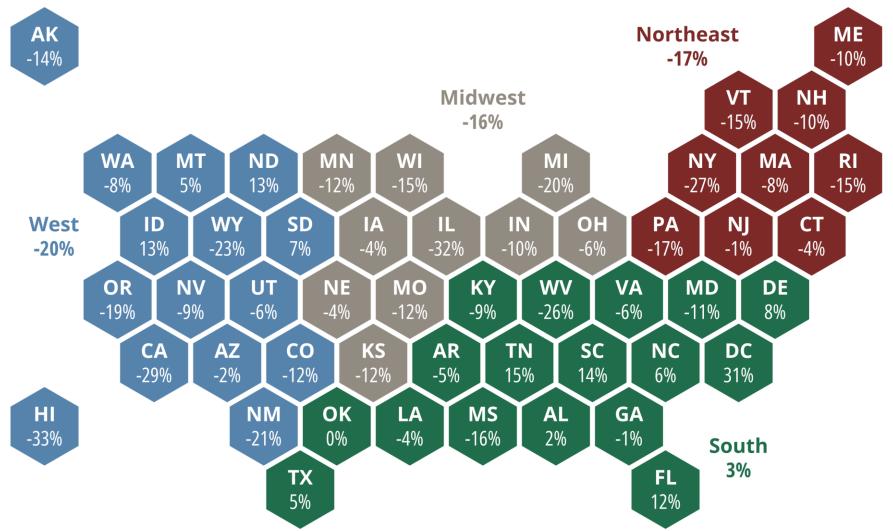
After cresting in 2025, the number of high-school graduates is projected to decline.



Source: "Knocking at the College Door," 11th edition, Western Interstate Commission for Higher Education • Get the data • Created with Datawrapper

- Spring 2025: 3.9M
 HS grads—Most
 ever
- 13% decline over next 16 years
- Decline extended from 2027 to 2041
- MI's decline began in 2007

Projected Change in High School Graduates, 2023 to 2041



Michigan H.S. Graduate Forecast 2023-2041

6th largest drop among the states (-20%)

2023: 106,883





2025: 104,326

2030: 95,746

2035: 96,183

2041: 85,131











Source: Western Interstate Commission for Higher Education https://knocking.wiche.edu/state-profiles/

Demography is Not Destiny

- Improve college enrollment rates among recent high school graduates
- Make the admissions process easier to navigate
- Graduate students more efficiently
- Make college more affordable
- Close achievement gaps
- Enroll more out of state & international students
- Enroll more adult students (including stop-outs, non-degree completers)
- Improve retention and completion rates











Comments on FY 2026 Higher Education Budget

State Investment in Higher Education --The Longer View--

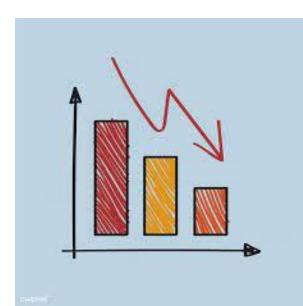
 Michigan's rank in per capita state fiscal support for higher ed

2001: 20th 2024: 41th

Two-thirds of the national average

 State funding reductions (inflation-adjusted)
 Since 2011: \$369 million

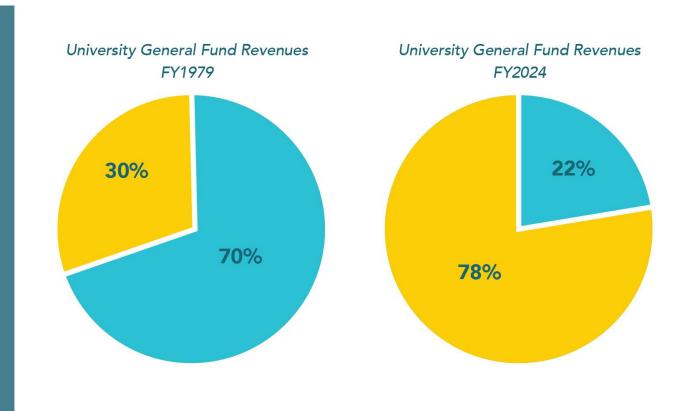
Since 2002: \$1.2 billion



State-to-Student Cost Shift in Paying for a Michigan Public University Education



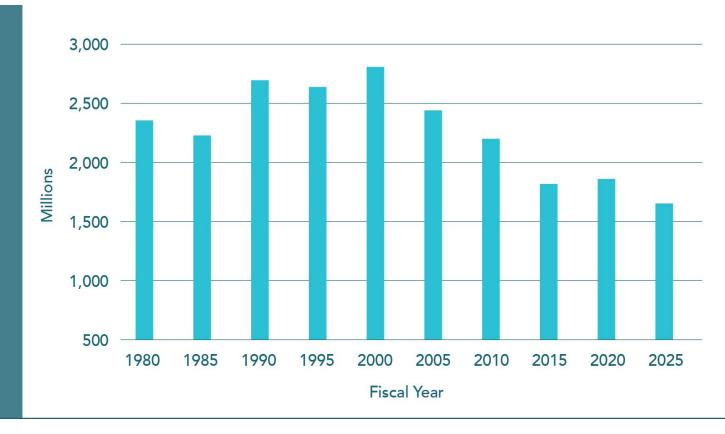
- Family Share
- State Share



Michigan Public University Base Appropriations 1980-2024

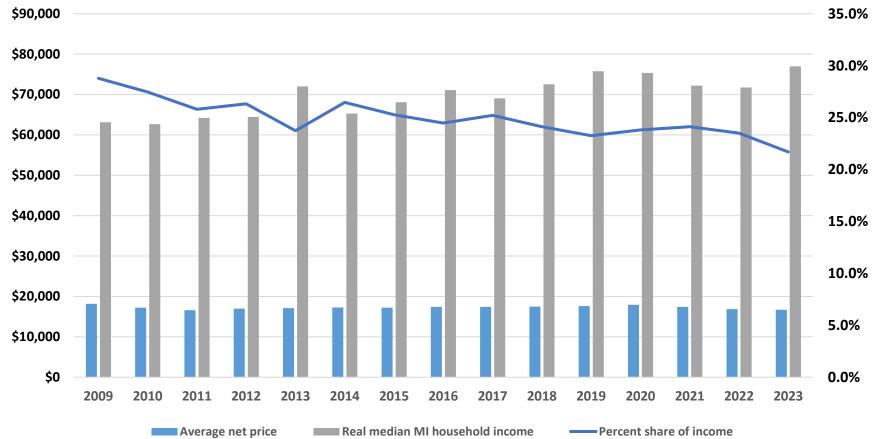
MICHIGAN PUBLIC UNIVERSITY BASE APPROPRIATIONS 1980-2024

Adjusted to FY2025 Dollars, CPI-U



Net Price of Attendance at a Michigan Public University as a Percent of Household Income

(Constant 2023 dollars)

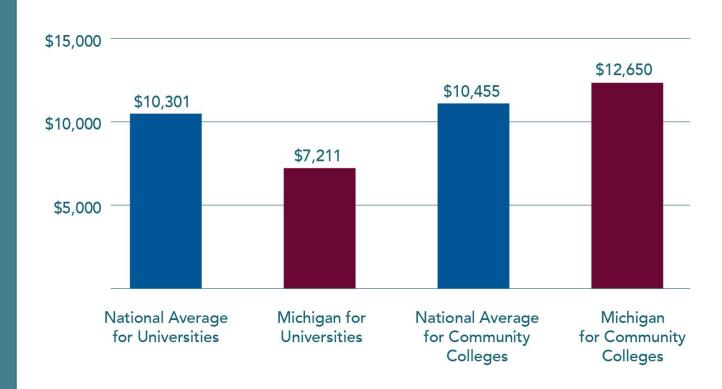


Between 2019 and 2023:

- Average net price has declined 8%.
- Percent share of household income has declined by 25% (from 28.8% to 21.7%)

State and Local Support for Michigan Colleges and Universities Per Fiscal Year Equated Student (FYES)

STATE AND LOCAL SUPPORT FOR COLLEGES AND UNIVERSITIES PER FISCAL YEAR EQUATED STUDENT (FYES)



Public Universities' FY 2026 State Funding Requests

- 1) Increase in institutional operating dollars 4.8% (double CPI) \$83.5 million
- 2) Continued build-out of the Michigan Achievement Scholarship
- 3) Campus infrastructure improvement: Infrastructure, Technology, Equipment, Maintenance, Safety (ITEMS) dollars \$100 million

The result?
Increased college affordability,
academic quality, and student success.

Michigan's Future is in College

