The Burden of Diabetes in Michigan

Diabetes is an epidemic in the United States. According to the Centers for Disease Control and Prevention (CDC), over 37 million Americans have diabetes and face its devastating consequences. What’s true nationwide is also true in Michigan.

Michigan’s diabetes epidemic:

▪ Approximately 964,964 people in Michigan, or 12.2% of the adult population, have diagnosed diabetes.
▪ An additional 239,000 people in Michigan have diabetes but don’t know it, greatly increasing their health risk.
▪ There are 2,701,000 people in Michigan, 34.7% of the adult population, who have prediabetes with blood glucose levels that are higher than normal but not yet high enough to be diagnosed as diabetes.
▪ Every year an estimated 59,201 people in Michigan are diagnosed with diabetes.

Diabetes is expensive:

People with diabetes have medical expenses approximately 2.3 times higher than those who do not have diabetes.

▪ Total direct medical expenses for diagnosed diabetes in Michigan were estimated at $7 billion in 2017.
▪ In addition, another $2.7 billion was spent on indirect costs from lost productivity due to diabetes.

Improving lives, preventing diabetes and finding a cure:

In 2023, the National Institute of Diabetes and Digestive and Kidney Diseases at the National Institutes of Health invested $10,220,348 in diabetes-related research projects in Michigan.

The Division of Diabetes Translation at the CDC provided $4,185,848 in diabetes prevention and educational grants in Michigan in 2021.

Sources include:

▪ Research expenditures: 2023 NIDDK funding, report.nih.gov/award/index.cfm; 2021 CDC diabetes funding, fundingprofiles.cdc.gov/FundingProfiles/FundingQuery

Diagnosed diabetes costs an estimated $9.7 billion Michigan each year.
The serious complications include heart disease, stroke, amputation, end-stage kidney disease, blindness—and death.