

The Burden of Diabetes in Wyoming

Diabetes is an epidemic in the United States. According to the Centers for Disease Control and Prevention (CDC), over 34 million Americans have diabetes and face its devastating consequences. What's true nationwide is also true in Wyoming.

Wyoming's diabetes epidemic:

- Approximately **38,658 people in Wyoming**, or 8.7% of the adult population, **have diagnosed diabetes**.
- An additional **12,000 people in Wyoming have diabetes but don't know it**, greatly increasing their health risk.
- There are **148,000 people in Wyoming**, 33.6% 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 **3,980 people in Wyoming** are diagnosed with diabetes.

Diagnosed diabetes costs an estimated \$424 million in Wyoming each year.

The serious complications include heart disease, stroke, amputation, end-stage kidney disease, blindness—and death.

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 Wyoming were estimated at **\$311 million in 2017**.
- In addition, another **\$113 million** was spent on **indirect costs** from lost productivity due to diabetes.

Improving lives, preventing diabetes and finding a cure:

In 2021, the **National Institute of Diabetes and Digestive and Kidney Diseases** at the National Institutes of Health invested no money in diabetes-related research projects in Wyoming, however **\$1,001,030** was invested in 2020.

The **Division of Diabetes Translation** at the CDC provided **\$599,587** in diabetes prevention and educational grants in Wyoming in 2018.

Sources include:

- Diabetes Prevalence: 2018 state diagnosed diabetes prevalence, [cdc.gov/diabetes/data](https://www.cdc.gov/diabetes/data); 2017 state undiagnosed diabetes prevalence, Dall et al., "The Economic Burden of Elevated Blood Glucose Levels in 2017", *Diabetes Care*, September 2019, vol. 42.
- Diabetes Incidence: 2018 diabetes incidence rate, [cdc.gov/diabetes/data](https://www.cdc.gov/diabetes/data)
- Cost: American Diabetes Association, "Economic Costs of Diabetes in the U.S. in 2017", *Diabetes Care*, May 2018.
- Research expenditures: 2021 NIDDK funding, report.nih.gov/award/index.cfm; 2020 CDC diabetes funding, fundingprofiles.cdc.gov/FundingProfiles/FundingQuery