

MICHIGAN Diabetes Data & Forecasts

State Total Population Forecasts	2015	2020	2025	2030
Entire Population	10,559,100	10,696,000	10,713,700	10,694,200
Prediabetes	2,962,300	3,099,600	3,197,700	3,196,100
Diagnosed diabetes	916,000	1,099,000	1,237,700	1,333,900
Undiagnosed diabetes	316,200	360,400	385,000	393,200
Total with diabetes (diagnosed and undiagnosed)	1,232,200	1,459,400	1,622,700	1,727,100
Complications:				
Visual impairment	150,200	175,000	191,200	200,100
Renal failure	2,180	2,530	2,750	2,860
Leg amputations	1,900	2,090	2,170	2,150
Annual deaths attributable to diabetes	9,860	11,300	12,080	12,330
Total annual cost (2015 dollars)	\$12.7 B	\$15.0 B	\$16.6 B	\$17.7 B
Annual medical costs	\$9.5 B	\$11.1 B	\$12.3 B	\$13.1 B
Annual nonmedical costs	\$3.2 B	\$3.9 B	\$4.3 B	\$4.6 B

State Senior Population Forecasts	2015	2020	2025	2030
Population 65 and older	1,506,900	1,711,500	1,926,400	2,080,700
Prediabetes	768,500	872,900	982,500	1,061,200
Diagnosed diabetes	284,800	323,500	364,100	393,300
Undiagnosed diabetes	105,500	119,800	134,800	145,700
Total with diabetes (diagnosed and undiagnosed)	390,300	443,300	498,900	538,900
Complications:				
Visual impairment	53,300	58,900	64,700	68,000
Renal failure	880	960	1,050	1,090
Leg amputations	660	690	720	720
Annual deaths attributable to diabetes	6,810	7,570	7,850	7,770
Total annual cost (2015 dollars)	\$5.0 B	\$5.7 B	\$6.4 B	\$6.9 B
Annual medical costs	\$4.7 B	\$5.3 B	\$6.0 B	\$6.5 B
Annual nonmedical costs	\$0.3 B	\$0.4 B	\$0.4 B	\$0.4 B

These forecasts are based on the latest available national diabetes data, including U.S Census Bureau population projections, the CDC National Diabetes Statistics Report, 2014, CDC diabetes morbidity trend reports, CDC's latest diabetes prevalence projections to 2050 and Dall, et al. "The Economic Burden of Elevated Blood Glucose Levels in 2012: Diagnosed and Undiagnosed Diabetes, Gestational Diabetes Mellitus, and Prediabetes," *Diabetes Care* 2014;37:3172-3179. These forecasts assume a steady, but conservative, reduction in the number of people with complications due to better awareness of the risks of diabetes, earlier screening and intervention, and more effective therapies.

For details and references on the Institute for Alternative Futures Diabetes 2030 Forecasting Model Methodology, visit www.altfutures.org/diabetes2030.

Research funded by Novo Nordisk Inc.