

NORTH CAROLINA Diabetes Data & Forecasts

State Total Population Forecasts	2015	2020	2025	2030
Entire Population	10,010,800	10,709,300	11,449,200	12,227,700
Prediabetes	2,740,100	3,028,000	3,334,100	3,565,500
Diagnosed diabetes	880,000	1,115,100	1,340,200	1,545,600
Undiagnosed diabetes	291,000	350,200	399,400	436,400
Total with diabetes (diagnosed and undiagnosed)	1,171,000	1,465,300	1,739,600	1,981,900
Complications:				
Visual impairment	144,300	177,500	207,100	231,800
Renal failure	2,100	2,560	2,970	3,310
Leg amputations	1,820	2,120	2,350	2,490
Annual deaths attributable to diabetes	9,480	11,470	13,090	14,290
Total annual cost (2015 dollars)	\$12.7 B	\$15.7 B	\$18.6 B	\$21.2 B
Annual medical costs	\$9.6 B	\$11.9 B	\$14.0 B	\$15.9 B
Annual nonmedical costs	\$3.1 B	\$3.8 B	\$4.6 B	\$5.3 B

State Senior Population Forecasts	2015	2020	2025	2030
Population 65 and older	1,374,800	1,618,600	1,897,900	2,173,200
Prediabetes	701,100	825,500	967,900	1,108,300
Diagnosed diabetes	259,800	305,900	358,700	410,700
Undiagnosed diabetes	96,200	113,300	132,900	152,100
Total with diabetes (diagnosed and undiagnosed)	356,100	419,200	491,600	562,900
Complications:				
Visual impairment	48,600	55,700	63,700	71,100
Renal failure	800	910	1,030	1,140
Leg amputations	600	650	710	750
Annual deaths attributable to diabetes	6,540	7,680	8,510	9,000
Total annual cost (2015 dollars)	\$4.5 B	\$5.4 B	\$6.3 B	\$7.2 B
Annual medical costs	\$4.3 B	\$5.0 B	\$5.9 B	\$6.7 B
Annual nonmedical costs	\$0.2 B	\$0.4 B	\$0.4 B	\$0.5 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.

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