

## Diabetes 2030 Forecasts, 2015

### CHARLOTTE Metropolitan Area Diabetes Data & Forecasts

Includes: Charlotte-Concord-Gastonia, NC-SC Metropolitan Statistical Area

Metro Total Population Forecasts	2015	2020	2025	2030
Entire Population	2,057,400	2,343,800	2,662,300	2,840,800
Prediabetes	563,200	662,700	775,300	828,400
Diagnosed diabetes	180,900	244,000	311,600	359,100
Undiagnosed diabetes	59,800	76,700	92,900	101,300
<b>Total with diabetes (diagnosed and undiagnosed)</b>	<b>240,700</b>	<b>320,700</b>	<b>404,500</b>	<b>460,400</b>
<b>Complications:</b>				
Visual impairment	29,700	38,900	48,200	53,900
Renal failure	430	560	690	770
Leg amputations	370	460	550	580
Annual deaths attributable to diabetes	1,950	2,510	3,040	3,320
<b>Total annual cost (2015 dollars)</b>	<b>\$2.6 B</b>	<b>\$3.4 B</b>	<b>\$4.3 B</b>	<b>\$4.9 B</b>
Annual medical costs	\$2.0 B	\$2.6 B	\$3.3 B	\$3.7 B
Annual nonmedical costs	\$0.6 B	\$0.8 B	\$1.0 B	\$1.2 B

Metro Senior Population Forecasts	2015	2020	2025	2030
Population 65 and older	282,900	353,900	438,000	505,700
Prediabetes	144,300	180,500	223,400	257,900
Diagnosed diabetes	53,500	66,900	82,800	95,600
Undiagnosed diabetes	19,800	24,800	30,600	35,400
<b>Total with diabetes (diagnosed and undiagnosed)</b>	<b>73,300</b>	<b>91,700</b>	<b>113,400</b>	<b>131,000</b>
<b>Complications:</b>				
Visual impairment	10,000	12,200	14,700	16,500
Renal failure	160	200	240	270
Leg amputations	120	140	160	170
Annual deaths attributable to diabetes	1,340	1,680	1,980	2,090
<b>Total annual cost (2015 dollars)</b>	<b>\$0.9 B</b>	<b>\$1.2 B</b>	<b>\$1.4 B</b>	<b>\$1.7 B</b>
Annual medical costs	\$0.8 B	\$1.1 B	\$1.3 B	\$1.6 B
Annual nonmedical costs	\$0.1 B	\$0.1 B	\$0.1 B	\$0.1 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](http://www.altfutures.org/diabetes2030).

Research funded by Novo Nordisk Inc.