

Diabetes 2030 Forecasts, 2015

BOSTON Metropolitan Area Diabetes Data & Forecasts

Includes: Boston-Cambridge-Newton, MA-NH Metropolitan Statistical Area

Metro Total Population Forecasts	2015	2020	2025	2030
Entire Population	4,671,200	4,764,900	4,848,200	4,724,000
Prediabetes	1,239,600	1,306,200	1,368,800	1,335,500
Diagnosed diabetes	367,400	443,900	507,800	534,300
Undiagnosed diabetes	127,600	146,400	158,900	158,400
Total with diabetes (diagnosed and undiagnosed)	495,000	590,300	666,700	692,600
Complications:				
Visual impairment	60,300	70,700	78,500	80,100
Renal failure	880	1,020	1,130	1,140
Leg amputations	760	840	890	860
Annual deaths attributable to diabetes	3,960	4,560	4,960	4,940
Total annual cost (2015 dollars)	\$6.5 B	\$7.7 B	\$8.6 B	\$9.0 B
Annual medical costs	\$4.8 B	\$5.7 B	\$6.4 B	\$6.6 B
Annual nonmedical costs	\$1.7 B	\$2.0 B	\$2.2 B	\$2.4 B

Metro Senior Population Forecasts	2015	2020	2025	2030
Population 65 and older	724,000	824,300	926,000	987,300
Prediabetes	369,300	420,400	472,300	503,500
Diagnosed diabetes	136,800	155,800	175,000	186,600
Undiagnosed diabetes	50,700	57,700	64,800	69,100
Total with diabetes (diagnosed and undiagnosed)	187,500	213,500	239,800	255,700
Complications:				
Visual impairment	25,600	28,400	31,100	32,300
Renal failure	420	460	500	520
Leg amputations	320	330	340	340
Annual deaths attributable to diabetes	2,730	3,060	3,220	3,110
Total annual cost (2015 dollars)	\$2.4 B	\$2.7 B	\$3.1 B	\$3.3 B
Annual medical costs	\$2.2 B	\$2.5 B	\$2.9 B	\$3.1 B
Annual nonmedical costs	\$0.2 B	\$0.2 B	\$0.2 B	\$0.2 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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