

How Much Does Diabetes Cost in Our Society?

Summary, ADA Economic Cost Study, 2007 dollars, published 2008

Total Costs, US: \$174 Billion for diagnosed diabetes

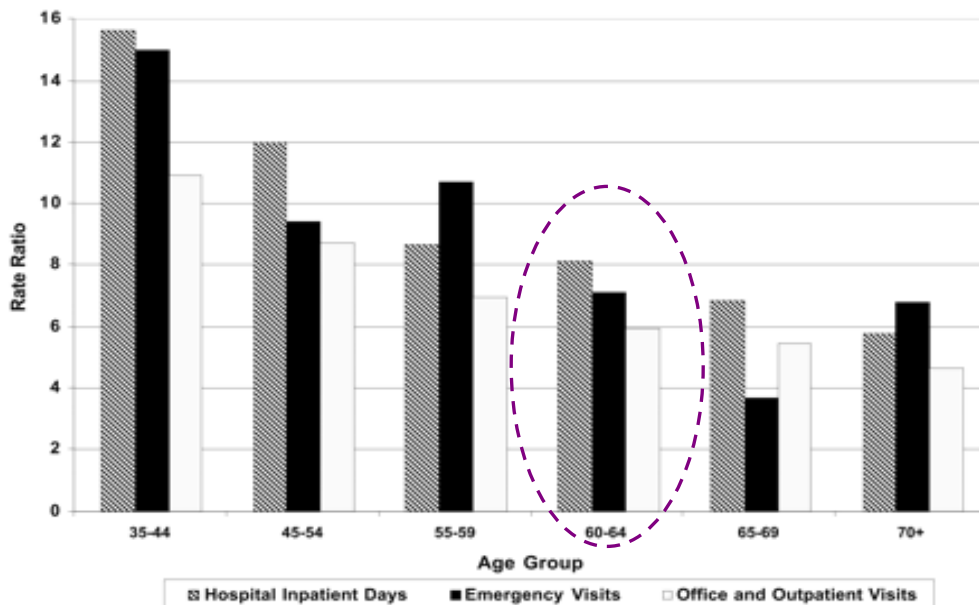
- \$116 B excess medical costs
- \$58 B reduced national productivity costs

Components of Costs that are medically related:

- \$27 B medical costs to directly treat diabetes
- \$58 B treat chronic complications that are attributed to diabetes
- \$31 B excess general medical costs*

*Persons with diabetes use significantly more health resources than persons who do not have diabetes. For example, diabetes contributes to longer hospital length of stay and higher hospital admission rates (regardless of the reason for admission). See Figure 1 and interpretation.

Figure 1: Rate of health resource use by men with diabetes relative to men without diabetes for visits/days where heart failure is the primary diagnosis.



“...among men age 60-64, those with diabetes have eight times the number of hospital inpatient days, seven times the number of emergency visits, and six times the number of physician office and outpatient visits for heart failure compared to their peers without diabetes.”

Within \$27 B Medical Costs due to diabetes:

- 50% hospital inpatient care
- 12% medication and supplies
- 11% retail prescriptions for complications treatment
- 9% physician office visits

Average Costs, Persons with Diagnosed Diabetes:

- \$11,744 per person per year
 - \$6,649 attributed to diabetes (or 57% of average cost)

Medical costs are 2.3 times higher than if diabetes is absent

Example 2007 New Mexico Costs using ADA cost estimates:

- Average estimate, number of NM persons with diagnosed diabetes: 116000
- \$1.36 B average costs per year
- \$772 M average costs attributed to diagnosed diabetes, per year (57%)

Indirect Costs of Diagnosed Diabetes

- \$2.6 B increased absenteeism
- \$20 B reduced productivity at work (employed)
- \$0.8 B reduced productivity (not employed)
- \$7.9 B unemployment (disability)
- \$26.9 B lost productive capacity due to early death

Costs Not Counted:

- Pain and suffering
- Non-paid caregivers' care
- Excess medical costs of Undiagnosed diabetes
- Health care administrative costs
- Over the counter medications
- Clinician training programs
- Research and infrastructure development

Reference

American Diabetes Association. Economic Costs Of Diabetes In The U.S. in 2007. Diabetes Care 31 (3): 596-615 March 2008. <http://care.diabetesjournals.org/content/31/3/596.full.pdf+html>