

## Healthy People 2010 Operational Definition

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### 5-5. Reduce the diabetes death rate.

<b>National Data Source</b>	National Vital Statistics System - Mortality (NVSS-M), CDC, NCHS.
<b>State Data Source</b>	National Vital Statistics System - Mortality (NVSS-M), CDC, NCHS.
<b>Healthy People 2000 Objective</b>	Adapted from 17.9 (Diabetes and Chronic Disabling Conditions).
<b>Changes since the 2000 publication</b>	Revised baseline (see Comments). Revised target (see Comments).
<b>Measure</b>	Rate per 100,000 population (age adjusted—see Comments).
<b>Baseline (Year)</b>	77 (1999)
<b>Target</b>	46
<b>Target-Setting Method</b>	43 percent improvement.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of deaths due to diabetes (ICD-10 codes E10 - E14) reported as the underlying or multiple cause of death.
<b>Denominator</b>	Number of persons.
<b>Population Targeted</b>	U.S. resident population.
<b>Questions Used To Obtain the National Baseline Data</b>	Not applicable.
<b>Expected Periodicity</b>	Annual.
<b>Comments</b>	Diabetes-related mortality data are derived from the multiple-cause-of-death files. Data include all mentions of diabetes on the death certificate, whether as an underlying or a multiple cause of death. Diabetes is approximately three times as likely to be listed as multiple cause of death than as underlying cause. <sup>1</sup>

The original baseline was revised from 75 deaths per 100,000 population to 77 per 100,000 due to changes in the International Classification of Diseases (ICD) system. The original baseline (1997) was based on ICD-9 code 250. The revised baseline (1999) is based on the ICD-10 system. The baseline year for all Healthy People 2010 mortality objectives was changed to 1999 so that a consistent trend based on a single ICD classification scheme could be tracked throughout the decade. See Part A, section 8 for a discussion of the International Classification of Diseases (ICD). Information on comparability between ICD-9 and ICD-10 has been published by NCHS.<sup>2</sup>

The target was proportionally adjusted from 45 to 46 deaths per 100,000 population to reflect the revised baseline using the original target-setting method.

Data are age adjusted to the 2000 standard population using the age groups: less than 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, and 85 years and over. Data by education status are age adjusted using the age groups 25-34, 35-44, 45-54, and 55-64 years. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

This objective differs from Healthy People 2000 objective 17.9, which adjusted the death rates using the 1940 standard population.

See Part C for a description of NVSS-M and Appendix A for focus area contact information.

## References

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1. National Center for Health Statistics. *Healthy People 2000 Review, 1998–99*. Hyattsville, MD: Public Health Service, 1999.
2. Anderson, R.N.; Minino, A.M.; Hoyert, D.L.; Rosenberg, H.M.; Comparability of cause of death between ICD-9 and ICD-10: Preliminary estimates. *National Vital Statistics Reports*. Vol. 49 No.2. Hyattsville, MD: National Center for Health Statistics, 2001.