

Healthy People 2010 Operational Definition

12-7. Reduce stroke deaths.

National Data Source	National Vital Statistics System -- Mortality (NVSS-M), CDC, NCHS.
State Data Source	National Vital Statistics System -- Mortality (NVSS-M), CDC, NCHS.
Healthy People 2000 Objective	Adapted from 15.2 (Heart Disease and Stroke) (also 2.22, 3.18).
Changes since the 2000 Publication	Revised baseline (see Comments). Revised target (see Comments).
Measure	Rate per 100,000 standard population (age adjusted-see Comments).
Baseline (Year)	62 (1999)
Target	50
Target-Setting Method	20 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of stroke deaths (ICD-10 codes I60-I69).
Denominator	Number of persons.
Population Targeted	U.S. resident population.
Questions Used to Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Annual.
Comments	The original baseline was revised from 60 deaths per 100,000 population to 62 per 100,000 due to changes in the International Classification of Diseases (ICD) system. The original baseline (1998) was based on ICD-9 codes 430-438. 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.¹

The target was proportionally adjusted 48 deaths per 100,000 population to 50 deaths per 100,000 to reflect the revised baseline using the original target-setting method.

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

This objective differs from Healthy People 2000 objective 15.2, which adjusted the death rates using the 1940 standard population.

For some measures, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a *Healthy People Statistical Note*.²

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

References

1. 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.
2. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.