

Healthy People 2010 Operational Definition

24-10. Reduce deaths from chronic obstructive pulmonary disease (COPD) among adults.

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 3.3 (Tobacco).
Changes since the 2000 Publication	Revised baseline (see Comments). Revised target (see Comments).
Measure	Rate per 100,000 (age adjusted -- see Comments).
Baseline (Year)	123.9 (1999)
Target	62.3
Target-Setting Method	50 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of COPD deaths (ICD-10 codes J40-J44, and excludes asthma) among persons aged 45 years and older.
Denominator	Number of persons aged 45 years and older.
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 119.4 deaths per 100,000 population to 123.9 per 100,000 due to changes in the International Classification of Diseases (ICD) system. The original baseline (1998) was based on ICD-9 codes 490-496. 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 from 60.0 deaths per 100,000 population to 62.3 deaths per 100,000 to reflect the revised baseline using the original target-setting method.

Data are age adjusted to the 2000 standard population using the age groups under 45-54, 55-64, 65-74, 75-84 and 85 years and over. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

This objective is adapted from Healthy People 2000 objective 3.3 (Tobacco), which tracked COPD among persons of all ages and was age adjusted to the 1940 standard population. This measure tracks adults aged 45 years and older only and is age adjusted to the 2000 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.