

Healthy People 2010 Operational Definition

16-1. Reduce fetal and infant deaths.

16-1g. Congenital heart defects.

National Data Source	National Vital Statistics System - Mortality and Natality (NVSS-M and NVSS-N), CDC, NCHS.
State Data Source	National Vital Statistics System - Mortality and Natality (NVSS-M and NVSS-N), CDC, NCHS.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	Revised baseline (see Comments). Revised target (see Comments).
Measure	Rate per 1,000 live births.
Baseline (Year)	0.46 (1999)
Target	0.23
Target-Setting Method	Better than the best racial/ethnic subgroup For a discussion of target-setting methods, see Part A, section 4.
Numerator	Number of infant (under age 1 year) deaths due to congenital heart (ICD-10 codes Q20-24) and vascular defects (ICD-10 codes Q25-Q28).
Denominator	Number of live births.
Population Targeted	U.S. resident live births.
Questions Used to Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Annual.
Comments	Data for this objective come from the period-linked birth and infant death data set (linked file). ¹ In the linked file, the information from the death certificate is linked to information on the birth certificate for each infant under 1 year who died during the calendar year. The purpose of the linkage is to use

the many variables and improve racial/ethnic reporting available from the birth certificate.

The original baseline was revised from 0.53 deaths per 1,000 live births to 0.46 deaths per 1,000 due to changes in the International Classification of Diseases (ICD) system. The original baseline (1998) was based on ICD-9 codes 745-746 (heart defects), 747 (vascular defects). 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.²

The target was proportionally adjusted from 0.38 deaths per 1,000 live births to 0.23 deaths per 1,000 to reflect the revised baseline using the original target-setting method.

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*.³

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

References

1. Mathews, T.J. and MacDorman, M.F. Infant mortality statistics from the 2003 period linked birth/infant death data set. *National Vital Statistics Reports*. vol. 54, no. 16. Hyattsville, MD: National Center for Health Statistics, 2005.
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.
3. 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.