

Healthy People 2010 Operational Definition

12-13. Reduce the mean total blood cholesterol levels among adults.

National Data Source	National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	Adapted from 15.6 (Heart Disease and Stroke) (also 2.27)
Changes since the 2000 Publication	None.
Measure	Mean (age adjusted—see Comments).
Baseline (Year)	206 (1988-94)
Target	199
Target-Setting Method	Better than the best racial/ethnic subgroup. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Sum of all cholesterol values for adults aged 20 years and older.
Denominator	Number of cholesterol measurements for adults aged 20 years and older.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used to Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Periodic.
Comments	Total cholesterol is a combination of high-density lipoproteins (HDL), low-density lipoproteins (LDL), and very-low density lipoproteins (VLDL). Total blood cholesterol is measured enzymatically in a series of coupled reactions. A description of the laboratory procedures for the total cholesterol measurement in NHANES is published by NCHS. ^{1, 2} Data are age adjusted to the 2000 standard

population using the age groups 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, and 80 years and over. Age-adjusted rates are weighted sums of age-specific rates. For a discussion on age adjustment, see Part A, section 7.

Objective 12-13 tracks the same measure as Healthy People 2000 objective 15.6; however, the data used to track objective 15.6 were not age adjusted.

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 NHANES and Appendix A for focus area contact information.

References

1. HHS, NCHS. *Third National Health and Nutrition Examination Survey, 1998–1994*, NHANES III Laboratory Data Files (CD-ROM). Public Use Data File Documentation No. 76200. Hyattsville, MD: CDC, 1996.
2. Gunter, E.W.; Lewis, B.G.; and Koncikowski, S.M. *Laboratory Procedures Used for the Third National Health and Nutrition Examination Survey (NHANES III), 1988–94*. HHS, Public Health Service, CDC, 1996.
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.