

Healthy People 2010 Operational Definition

19-13. Reduce anemia among low-income pregnant females in their third trimester.

National Data Source	Pregnancy Nutrition Surveillance System (PNSS), CDC, NCCDPHP.
State Data Source	State Pregnancy Nutrition Surveillance System (PNSS), CDC, NCCDPHP.
Healthy People 2000 Objective	Adapted from 2.10e (Nutrition).
Changes since the 2000 Publication	None.
Measure	Percent.
Baseline (Year)	29 (1996)
Target	20
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 pregnant females participating in public programs in their third trimester with abnormal results for either hemoglobin (less than 11 g/dL) or hematocrit (less than 33 percent). ¹
Denominator	Number of pregnant females participating in public programs in their third trimester.
Population Targeted	Selected sites (see Comments).
Questions Used to Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Annual.
Comments	PNSS is used to monitor anemia among low-income women participating in public health programs. In 1996, 21 States, the District of Columbia, and two Tribal governments participated. ^{1,2} The threshold for anemia during pregnancy is based on clinical studies of European women who had taken iron

supplementation during pregnancy.^{3, 4, 5, 6, 7} This threshold is advocated by CDC and the World Health Organization.⁸

See the Comments section with iron deficiency objective 19-12 for a discussion of the differences between iron deficiency and anemia. Nationally representative data are unavailable for monitoring the percent of iron deficiency during pregnancy.

This objective differs from Healthy People 2000 objective 2.10e, which targeted black, low-income pregnant females only.

See Appendix A for focus area contact information.

References

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7. Taylor, D.J.; Mallen, C.; McDougal, N.; et al. Effect of iron supplementation on serum ferritin levels during and after pregnancy. *French Journal of Obstetrics and Gynecology* 89:1011-1017, 1982.
8. WHO, UNICEF, UNU. *Iron Deficiency Anemia: Prevention, Assessment and Control*. Report of a joint SHO/UNICEF/UNU consultation, Geneva, Switzerland: WHO, 1998.