

Healthy People 2010 Operational Definition

8-25. Reduce exposure of the population to pesticides, heavy metals, and selected environmental chemicals, as measured by blood and urine concentrations of the substances or their metabolites.

8-25f. 2, 4-D

National Data Sources	National Report on Human Exposure to Environmental Chemicals, CDC, NCEH; National Health and Nutrition Examination Survey (NHANES), CDC, NCHS.
State Data Source	Not identified.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	Revised baseline (see Comments).
Measure	Concentration ($\mu\text{g/g}$ creatinine).
Baseline (Year)	1.27 (2001-2002)
Target	0.89
Target-Setting Method	30 percent reduction. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Concentration level of 2,4-dichlorophenoxyacetic acid in urine samples creatinine corrected at which 95 percent of the population aged 6 to 59 years is below the measured level.
Denominator	Not applicable.
Population Targeted	U.S. civilian, noninstitutionalized population.
Questions Used To Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Biennially.

Comments

This subobjective moved from developmental to measurable after the Healthy People 2010 Midcourse Review.

Creatinine corrected urine concentrations were below the limit of detection (0.952 mg/g) at baseline (1999-2000) but were above the limit of detection (0.2 mg/g) in 2001-02. The baseline was revised to 1.27 µg/g based on the newly measurable concentration. The target of 0.89 did not change. See the National Report on Human Exposure to Environmental Chemicals for further information: <http://www.cdc.gov/exposurereport/default.htm>.

See Appendix A for focus area contact information.