

Healthy People 2010 Operational Definition

27-20. Reduce the sales-weighted average level of toxic chemicals in tobacco products sold in the United States.

27-20c. Volatile organic compounds (VOCs).

National Data Source	Office on Smoking and Health, NCCDPHP, CDC; and Division of Laboratory Sciences, NCEH, CDC.
State Data Source	Not identified.
Healthy People 2000 Objective	Not applicable.
Changes since the 2000 Publication	New subobjective (see Comments).
Measure	Average level of volatile organic compounds in the smoke of cigarettes sold in the United States (micrograms per cigarette).
Baseline (Year)	707.0 (2002)
Target	636.3
Target-Setting Method	10 percent improvement. For a discussion of target-setting methods, see Part A, section 4.
Numerator	Not applicable.
Denominator	Not applicable.
Population Targeted	Not applicable.
Questions Used To Obtain the National Baseline Data	Not applicable.
Expected Periodicity	Periodic.
Comments	Objective 27-20 moved from developmental to measurable at the Healthy People 2010 Midcourse Review. The text was revised from reducing the toxicity of tobacco products “by establishing a regulatory structure to monitor toxicity” to “reducing the sales-weighted average of toxic chemicals” in

tobacco products sold in the United States. Three subobjectives were created to track various toxic chemicals (nitrosamines, polyaromatic hydrocarbon compounds, and volatile organic compounds) in the smoke of cigarettes.

The analytic chemistry data come from laboratory research conducted at the National Center for Environmental Health, CDC.

The expected periodicity of the data was changed from annual to periodic. Updates for this objective are expected to be available in 2007 and 2010.

See Appendix A for focus area contact information.