

## Healthy People 2010 Operational Definition

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

#### **27-20b. Polycyclic aromatic hydrocarbon compounds (PAHs).**

<b>National Data Source</b>	Office on Smoking and Health, NCCDPHP, CDC; and Division of Laboratory Sciences, NCEH, CDC.
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	Not applicable.
<b>Changes since the 2000 Publication</b>	New subobjective (see Comments). Revised baseline year (see Comments).
<b>Measure</b>	Average level of polycyclic aromatic hydrocarbon compounds in the smoke of cigarettes sold in the United States (nanograms per cigarette).
<b>Baseline (Year)</b>	993.7 (2003-04)
<b>Target</b>	894.3
<b>Target-Setting Method</b>	10 percent improvement.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Not applicable.
<b>Denominator</b>	Not applicable.
<b>Population Targeted</b>	Not applicable.
<b>Questions Used To Obtain the National Baseline Data</b>	Not applicable.
<b>Expected Periodicity</b>	Periodic.
<b>Comments</b>	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 baseline year was revised from 2003 to 2003-04 because the cigarettes used to test PAHs at baseline were purchased in 2003 and 2004.

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.