

## Healthy People 2010 Operational Definition

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### **23-13. Increase the proportion of Tribal and State public health agencies that provide or assure comprehensive laboratory services to support essential public health services.**

#### **23-13j. Training and education.**

<b>National Data Source</b>	Comprehensive Laboratory Services Survey (CLSS), Association of Public Health Laboratories (APHL).
<b>State Data Source</b>	Comprehensive Laboratory Services Survey, Association of Public Health Laboratories (APHL).
<b>Healthy People 2000 Objective</b>	Not applicable.
<b>Changes since the 2000 Publication</b>	New subobjective (see Comments). Revised text (see Comments). Revised baseline (see Comments). Revised baseline year (see Comments). Revised target (see Comments).
<b>Measure</b>	Percent.
<b>Baseline (Year)</b>	28 (2006)
<b>Target</b>	50
<b>Target-Setting Method</b>	Expert opinion.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of States and Territories participating in the survey that meet the defined standards/criteria for Environmental Health and Protection.
<b>Denominator</b>	Number of States and Territories participating in the survey.
<b>Population Targeted</b>	State and Territorial public health laboratories.
<b>Questions Used to Obtain the National Baseline Data</b>	From the 2006 Comprehensive Laboratory Services Survey:

- Which of the following is provided by the state as the employer in support of state public health laboratory staff? (Check all that apply)
  - a) In-house training sessions/workshops (0.25)
  - b) Leave-time offered for scientific meetings, seminars and workshops outside of the worksite (0.25)
  - c) Travel costs offered for scientific meetings, seminars and workshops outside of the worksite (0.25)
  - d) Leadership training for supervisors and managers (0.25)
  - e) Other training (Specify)
  - f) None of the above
- Has your laboratory hosted a Fellow (e.g., Infectious Disease, Environmental, or International) during the past two years?
  - a) Yes (1)
  - b) No (0)
- Does your laboratory have a designated State Laboratory Training Coordinator?
  - a) Yes (1)
  - b) No (If no, skip to question 5) (0)
- What percentage of time does the State Laboratory Training Coordinator spend on performing training activities?
  - a) 0-25% (0.25)
  - b) 26-50% (0.5)
  - c) 51-75% (0.75)
  - d) 76-100% (1)
- Has your laboratory co-sponsored training activities with the NLTN during the past two years?
  - a) Yes (1)
  - b) No (0)
- Does your laboratory staff have access to a satellite downlink site?
  - a) Yes (1)
  - b) No (0)
- Is continuing education for your professional laboratory staff required by (check all that apply; maximum score of 1)
  - a) State law/regulation (1)
  - b) Laboratory policy (1)
  - c) Other (Specify) (1)
  - d) No requirement
- Does your laboratory provide continuing education training to the staff of other laboratories (public or private) in your state?
  - a) Yes (1)
  - b) No (0)

- *Does your laboratory have dedicated training facilities?*
  - a) Yes (1)
  - b) No (Stop) (0)
- *Does this include classroom facilities?*
  - a) Yes (1)
  - b) No (0)
- *Does this include "wet lab" facilities?*
  - a) Yes (1)
  - b) No (0)

**Expected Periodicity**      Approximately every two years.

**Comments**      Questions to determine whether a State or Territory is providing or assuring comprehensive laboratory services in support of essential public health services were selected by the Leadership Committee of the Association of Public Health Laboratories (APHL). The committee consists of practicing and retired public health laboratory directors, members of academia, and other laboratory practitioners.

A State/Territory is considered to have met the core function of Training and Education if it scored at least 8 of the 11 total possible points for this subobjective.

Forty-six of the 56 States and Territories responded to the Internet-based survey system entitled "LabNet" in 2006.

Objective 24-13 moved from developmental to measurable during the Healthy People 2010 Midcourse Review. The original objective included comprehensive laboratory services provided by State, Tribal, and local health agencies. Local health agencies were dropped from the objective scope due to the lack of a data source. Eleven subobjectives were created, each addressing specific components of comprehensive laboratory services.

For this objective, the term "State" includes the District of Columbia and Puerto Rico.

The first CLSS survey was fielded in 2004. Between 2004 and 2006, significant changes were made to improve the survey instrument. These include modifications to clarify questions that may

have been confusing; updates to reflect changes in current laboratory practice; and the addition of follow-up questions to enable more accurate measurement of given subobjectives.

Consequently, the original 2004 baseline of 85 percent was replaced with the 2006 measure of 28 percent. The original target of 90 percent was proportionally adjusted to 50 percent to reflect the revised baseline using the original target-setting methodology.

At this time, data for Tribal agencies are not collected. However, if data should become available by 2010, the information will be included.

See Appendix A for focus area contact information.