



National Institute for Occupational Safety and Health

SPIROMETRY

Training Program

The National Institute for Occupational Safety and Health (NIOSH), Spirometry Training Program is responsible for approving course sponsors to train participants on how to perform spirometry, a type of lung function test.

NIOSH-approved spirometry training is required by Federal Law for individuals performing spirometry testing on workers exposed to cotton, coal, and silica dusts.

What is a NIOSH-approved Spirometry Training Course Sponsor, Course Director, and a Faculty Member?

Course Sponsor

Organizations or individuals responsible for sponsoring a NIOSH-approved spirometry training course. Sponsors can be NIOSH Education and Research Centers (ERC), academic institutions, non-profit organizations, private companies, or individual professionals.

- To become a sponsor, you must select a **Course Director** to oversee your course.
- Sponsors submit curriculum vitae for applicant **Course Directors** to the NIOSH Spirometry Training Program at NIOSHbreathe@cdc.gov for consideration and approval.

Course Director

Oversees the training course program, develops course curriculum, and is present at all courses. Course directors enlist **Faculty Members**.

Faculty Member

Works under direct supervision of the course director and provides practical course instruction. To become a faculty member, the course director submits a curriculum vitae for NIOSH review and approval.

General Program Information

- All healthcare professionals who perform or interpret spirometry are eligible and encouraged to take a NIOSH-approved spirometry training course.
- Course participants receive a strong foundation of the knowledge and practical skills to collect accurate and valid spirometry results.
- NIOSH-approved spirometry training course sponsors offer initial 2 or 3-day courses, which you can view online at cdc.gov/niosh/topics/spirometry/sponsors. See the map on the back of this sheet for course locations.
- Course sponsors issue initial and refresher course certificates that are valid for five years.
- Schedules for online and one-day refresher courses are available at cdc.gov/niosh-rhd/spirometryTrainingSchedule for participants who need to be recertified after five years.
- Course sponsors determine registration fees depending on the type of course and the geographical location.



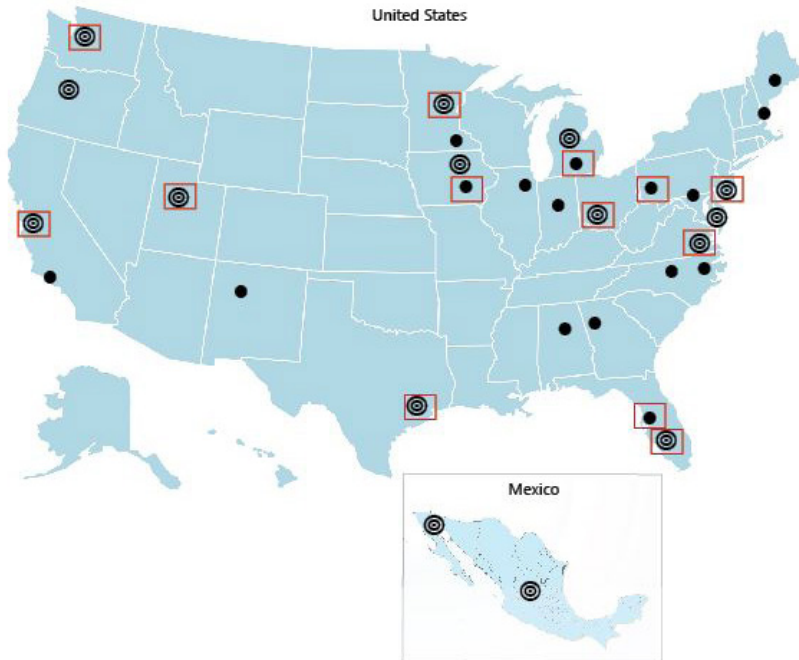
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

Course Design

Course participants must complete a minimum of 16 hours of spirometry training. This includes:

- At least 4 hours of formal lectures and/or audio visual material
- At least 8 hours of practical instruction
- At least 2 hours of evaluation and testing
- At least 2 additional hours of lecture, practical instruction, or testing at the course director's discretion

NIOSH-approved Spirometry Training Course Locations

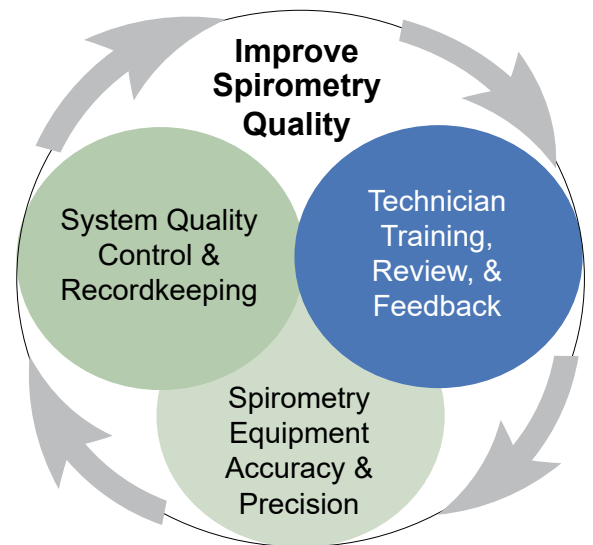


- Initial Courses
- ◎ Initial Courses with staff who are willing to travel
- ◻ Refresher courses

For more information:

- Go to the NIOSH Spirometry Training Program webpage at [cdc.gov/niosh/topics/spirometry/training](https://www.cdc.gov/niosh/topics/spirometry/training)
- Email us at NIOSHbreathe@cdc.gov

Course Goals



Training Resources

NIOSH Spirometry Training Program *Questions and Answers* can be found online at [cdc.gov/niosh/topics/spirometry/QA](https://www.cdc.gov/niosh/topics/spirometry/QA).

Other resources include:

- [NIOSH Spirometry Training Guide](https://www.cdc.gov/niosh/docs/2004-154c)
[cdc.gov/niosh/docs/2004-154c](https://www.cdc.gov/niosh/docs/2004-154c)
- [Get Valid Spirometry Results EVERY Time](https://www.cdc.gov/niosh/docs/2011-135)
[cdc.gov/niosh/docs/2011-135](https://www.cdc.gov/niosh/docs/2011-135)
- [Maximize Your Spirometry Screening and Surveillance Resources](https://www.cdc.gov/niosh/docs/2011-133)
[cdc.gov/niosh/docs/2011-133](https://www.cdc.gov/niosh/docs/2011-133)
- [Spirometry Quality Assurance: Common Errors and Their Impact on Test Results](https://www.cdc.gov/niosh/docs/2012-116)
[cdc.gov/niosh/docs/2012-116](https://www.cdc.gov/niosh/docs/2012-116)
- [Learning Curves: Technical Procedures for Spirometry Testing in the Occupational Setting](https://www.cdc.gov/niosh/topics/spirometry/videos)
[cdc.gov/niosh/topics/spirometry/videos](https://www.cdc.gov/niosh/topics/spirometry/videos)

