

Lesson 8 – Maintenance and Update

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This is the Maintenance and Update lesson.

Upon completion of this lesson, you will be able to:

- Identify reasons for maintaining and updating an inventory.

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A Continuous Process

Compiling an air toxics emissions inventory is a continuous process. Maintaining and updating the inventory will ensure its usefulness beyond the year it was first developed.

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Reasons to Update

Changes in the total number of sources must be monitored as well as changes in the operation of existing sources. During a year, changes can occur that might impact the emissions inventory. For example:

- Existing facilities could deactivate process equipment or close completely;
- New facilities and/or processes could come online;
- Existing facilities could increase or decrease production schedules;
- Existing facilities could modify their product line;
- Population changes could affect the number and type of nonpoint sources;
- Changes in land use patterns could affect the number and type of nonpoint sources;
- Changes in regulations could impact the inventory scope; and
- Updates in emission factors or other emission estimation tools could require recalculation of certain emission estimates.

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Updating the Inventory

To maintain an accurate emission inventory, complete, concise documentation and QA procedures must be implemented as well as good data management practices.

It is necessary to collect new data and information to calculate emissions to represent current conditions. Existing inventories should serve as a starting point because they contain extensive data and support information files. For effective use of resources, build upon and improve the quality of existing data to fulfill inventory requirements. Document these changes as they become known and update the emission estimates accordingly.

Introduction to Emission Inventories- Text Only Version

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Review Question

Which of the following is **NOT** a reason to update an inventory?

- a. A new facility becomes operational.
- b. An existing facility makes major changes to its production line.
- c. The urban area is in a boom and the population triples.
- d. A change in EPA policy that changes the scope of the inventory.
- e. All of the above are reasons to update.

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Summary

Now that you have completed this lesson, you should be able to:

- Identify reasons for maintaining and updating an inventory.

That concludes the last lesson of this course. Please use the menu to review any lessons, or press the “X” in the lower left corner to exit the course.
course.