

CSTE Pollen Monitor Assessment

Introduction

The Council of State and Territorial Epidemiologists (CSTE) Asthma and Allergy Workgroup, in collaboration with the Centers for Disease Control and Prevention (CDC), is conducting an assessment to develop an inventory of pollen monitoring sites in the United States. With rising temperatures and carbon dioxide levels, the corresponding increase in airborne pollen is placing an ever greater health burden on the tens of millions of Americans with asthma and allergies. A robust pollen monitoring network is critical if we are to advance our abilities to advise the public of this growing hazard and better understand the relationship between pollen exposures and adverse health outcomes. Unfortunately, while much pollen monitoring is taking place in the US, it has yet to be organized into a database that can inform public health tracking and research needs. The purpose of this inventory is to identify and engage potential partners, geographically locate existing sites, and inform the development of a potential national pollen monitoring network. We would greatly appreciate your assistance in helping us to identify pollen monitoring efforts in your state.

The assessment includes questions on site location, frequency, and duration of collection, collector and funder information, willingness and ability to share historical and/or future data with a national pollen surveillance network. The assessment is estimated to take 30 minutes to complete. We advise the respondent to print out this assessment for easy reference.

This assessment has been sent to State Epidemiologists, National Environmental Public Health Tracking grantees, Asthma Control Program grantees, Climate-Ready States & Cities Initiative Grantees, and the CSTE Environmental Health subcommittees. More than one response may be submitted per jurisdiction. If you have knowledge of pollen monitoring activities in your jurisdiction, please complete this assessment by COB on January 29. If you do not, please forward this assessment to other staff members in your jurisdiction with knowledge of pollen monitoring activities.

The data from this assessment will be analyzed by CSTE in 2016 and the final report will be made available online at www.cste.org. CSTE will not share any jurisdiction-specific information and the final report will only include de-identified, aggregate data.

If you have any questions on this assessment, please contact Jessica Wurster at jwurster@cste.org or call 770-458-3811.

1. Please complete your contact information below.

Name

Agency

Address

Address 2

City/Town

State/Province

ZIP/Postal Code

Country

Email Address

Phone Number

2. Are you aware of pollen monitoring stations in your state or region?

☐ Yes

☐ No

CSTE Pollen Monitor Assessment

Current pollen monitoring station

1. How many pollen monitoring stations do you know of in your state or region?

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

CSTE Pollen Monitor Assessment

Current pollen monitoring station

Please answer the following questions for **each** pollen monitoring station.

1. What type of sampler is used at the pollen counting station?

- ☐ Rotorod
- ☐ Burkard
- ☐ Other (please specify)

2. What is the current street address location?

Address

City/Town

State/Province

ZIP/Postal Code

3. Approximately how many feet above ground is it?

4. What is the station measuring?

- ☐ Total
- ☐ Trees/grasses/weeds

5. If measuring trees/grass/weeds, is speciation conducted?

- ☐ Predominant species
- ☐ Individual species
- ☐ None
- ☐ It did not monitor trees/grass/weeds

6. What year did the pollen counting start?

7. Is there a set season for pollen monitoring?

- ☐ Yes
- ☐ No
- ☐ Don't Know

8. What is the monitoring period during the pollen season?

Begin date (mm/dd)

End date (mm/dd)

All Year

9. If speciation is not conducted, how is pollen season determined?

10. What is the monitoring schedule?

- ☐ Daily
- ☐ Monday
- ☐ Tuesday
- ☐ Wednesday
- ☐ Thursday
- ☐ Friday
- ☐ Saturday
- ☐ Sunday

11. How are the data recorded?

- ☐ Hard Copy
- ☐ Spreadsheet

12. How does this site disseminate its results?

13. How is this monitoring effort being supported?

- ☐ Paid
- ☐ Volunteer

14. If paid, what is the funding source?

15. Does this site monitor airborne mold as well?

- ☐ Yes
- ☐ No
- ☐ Don't Know

16. If airborne mold is monitored, is speciation conducted?

- ☐ Predominant species
- ☐ Individual species
- ☐ None

17. Does the site plan to continue this effort?

- ☐ Yes
- ☐ No
- ☐ Yes, if there is funding
- ☐ Don't Know

18. If this site does not plan to not continue this effort, when do they plan on stopping?

19. Is the pollen counting certified by the National Allergy Bureau (NAB)/AAAAI?

- ☐ Yes
- ☐ No

20. If not certified by NAB, does the pollen station follow:

- ☐ It is certified by NAB
- ☐ Internally developed standards
- ☐ A known set of standards (please specify)

21. Is this site willing to share its data with a CSTE sanctioned data repository?

- ☐ Yes
- ☐ No
- ☐ Don't Know

22. Who is the best contact at the pollen counting station who can easily provide information on pollen counts?

CSTE Pollen Monitor Assessment

Current pollen monitoring station

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- ☐ Yes
- ☐ No
- ☐ Don't Know

16. If airborne mold is monitored, is speciation conducted?

- ☐ Predominant species
- ☐ Individual species
- ☐ None

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- ☐ A known set of standards (please specify)

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- ☐ Yes
- ☐ No
- ☐ Don't Know

22. Who is the best contact at the pollen counting station who can easily provide information on pollen counts?

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

1. Are you aware of pollen monitoring stations that have operated in the past, but are no longer operating?

☐ Yes

☐ No

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

1. How many are you aware of?

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

Please answer the following questions for **each** past pollen monitoring station.

1. Where was the the station located?

Address

City/Town

State/Province

ZIP/Postal Code

2. What did it measure?

☐

Total

☐

Trees/grasses/weeds

☐

It did not monitor pollen

3. If the station monitored trees/grasses/weeds, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor pollen

4. If mold was monitored, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor mold

5. Years in operation:

From

To

6. Reason for discontinuing

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

Please answer the following questions for **each** past pollen monitoring station.

1. Where was the the station located?

Address

City/Town

State/Province

ZIP/Postal Code

2. What did it measure?

☐

Total

☐

Trees/grasses/weeds

☐

It did not monitor pollen

3. If the station monitored trees/grasses/weeds, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor pollen

4. If mold was monitored, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor mold

5. Years in operation:

From

To

6. Reason for discontinuing

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

Please answer the following questions for **each** past pollen monitoring station.

1. Where was the the station located?

Address

City/Town

State/Province

ZIP/Postal Code

2. What did it measure?

☐

Total

☐

Trees/grasses/weeds

☐

It did not monitor pollen

3. If the station monitored trees/grasses/weeds, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor pollen

4. If mold was monitored, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor mold

5. Years in operation:

From

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CSTE Pollen Monitor Assessment

Past pollen monitoring stations

Please answer the following questions for **each** past pollen monitoring station.

1. Where was the the station located?

Address

City/Town

State/Province

ZIP/Postal Code

2. What did it measure?

☐

Total

☐

Trees/grasses/weeds

☐

It did not monitor pollen

3. If the station monitored trees/grasses/weeds, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor pollen

4. If mold was monitored, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor mold

5. Years in operation:

From

To

6. Reason for discontinuing

CSTE Pollen Monitor Assessment

Past pollen monitoring stations

Please answer the following questions for **each** past pollen monitoring station.

1. Where was the the station located?

Address

City/Town

State/Province

ZIP/Postal Code

2. What did it measure?

☐

Total

☐

Trees/grasses/weeds

☐

It did not monitor pollen

3. If the station monitored trees/grasses/weeds, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor pollen

4. If mold was monitored, was speciation conducted?

☐

Predominant species

☐

Individual species

☐

None

☐

It did not monitor mold

5. Years in operation:

From

To

6. Reason for discontinuing

CSTE Pollen Monitor Assessment

CSTE Pollen Workgroup

1. Would someone in your agency like to join CSTE's pollen subteam in our efforts to advance a national pollen monitoring network?

☐ Yes

☐ No

2. Please provide contact information:

Name

City/Town

State/Province

ZIP/Postal Code

Email Address

CSTE Pollen Monitor Assessment

1. If there is any additional information regarding the subject of this assessment that you think would be important for us to know, please provide the information in the space provided below: