COUNCIL OF STATE AND TERRITORIAL EPIDEMIOLOGISTS

Assessment of State Activities in
Non-Infectious Environmental Health/Exposure Monitoring and Investigation

CSTE needs your assistance in completing an assessment about your process and experience monitoring for environmental exposures and associated acute health effects.

Many states track, respond, and/or investigate suspected health impacts associated with non-infectious environmental exposure events. Efforts in place may include detecting, collecting and responding to case reports, public inquiries, or to reports of acute exposure events. The scope and depth of states' programs in place to perform these functions have never been assessed.

CSTE, in collaboration with the National Center for Environmental Health at CDC, is asking state health departments to participate in a short assessment of the types and extent of state health department illness, injury and exposure monitoring and response to reports of acute environmental exposure events and disease/injury. The assessment hopes to gain insight into standardization of this process (e.g., response algorithms, case definitions, case investigations forms and protocols), how this information is stored and shared within a state, how it may be linked to related programs (e.g. occupational health and injury control) and the overall scope of these efforts. Definitions for elements within the scope of the assessment are provided below.

The information obtained from this CSTE assessment will be used by a CSTE Environmental Health Workgroup to identify and share activities that could reasonably be done in most state health departments, help raise awareness of environmental health issues, and build state response capacity. De-identified results will be aggregated for analysis. Individually identifiable state responses will be confidential and will not be shared with the Workgroup or any other entity without permission.

Thank you for completing this relatively brief assessment. Please contact Erin Simms (esimms@cste.org or 770-458-3811) if you have any questions. We appreciate your time and attention to this matter.

Before answering the questions, be sure to review the definitions of terms that follow.

Definitions for this assessment:

Environmentally related diseases and injuries: Acute health conditions for which the main causes involve probable or definitive environmental exposures. They include, for example: lead and other heavy metals toxicity, pesticide poisoning, carbon monoxide poisoning, methemoglobinemia, and symptoms associated with acute chemical exposures (chlorine gas exposure, for example).

Environmental exposure events: Acute exposures (confirmed or potential) to non-infectious agents or conditions in the environment. They include, for example: chemicals; radiation;

contaminated food (excluding contamination from bacteria, viruses), toxins (e.g., mushrooms, ciguaterra but excludes botulinum*); contaminated products; chemically contaminated pharmaceuticals; and significant alteration in the physical environment that could have potential health impacts (e.g., heat wave). Mold and other non-infectious indoor air contaminant exposure events are also included. The events may or may not result in adverse human health effects. They may include exposures with an occupational exposure component.

Notification: Any report whether solicited under disease or exposure reporting mandates, obtained through established notification mechanisms (e.g., routine forwarding of chemical spills from state environmental protection), or unsolicited (e.g. a phone call from the public, an article in the news).

Monitoring: Is used in a general sense here to mean the on-going efforts related to the detection/handling/collection of reports of non-infectious, environmentally related acute illnesses or injuries, exposures, contaminated products, or environmental spills/releases. Could also be thought of as 'tracking' but this assessment is not focused on the Environmental Public Health Tracking (EPHT) program; thus, monitoring is the term used throughout this document. Monitoring refers to established practice that is broader and less formal and prescribed than "public health surveillance", which is the systematic "on-going collection, analysis, and dissemination of health data". Public health surveillance is thus a subcategory of "monitoring" for this assessment.

Case-based: Individual records. May includes personal identifiers. May be based on mandatory disease/injury reporting requirements of health care providers or voluntarily reported.

Exposure Investigation: Follow-up to report(s) of disease or an environmental exposure event to collect information to determine what actions need to be initiated to prevent further public health impacts. Follow-up can include epidemiologic follow-up (identifying and characterizing others potentially linked to the same exposure) and/or evaluation of the exposure event (e.g., taking measurements of mercury vapor at the site of a mercury spill, collection and testing of contaminated product.) These activities may be carried out by the state health agency or may be referred to another agency (e.g., a local health department, the state environmental agency, state or federal OSHA) for further assessment and appropriate intervention.

*Botulinum is the only toxin excluded from this list. It is excluded because it is almost always handled by communicable disease programs.

1. Please provide information about the respondent below:

Name of respondent:
Title/Position at Agency:
Agency:
Program within agency:
Email:

2. For each of the following health conditions, please answer A-H as appropriate. Check all that apply for sections B and E where relevant. If selecting "Agency does not collect data on this condition" for Part B for a health condition, please answer only parts A-B for that condition.

Please base your responses on numbers from the past year:

Lead toxicity - child	
A. Is condition legally reportable to public health agency? (Check one) __Yes __No __Don't know	
B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)	
__Physician reporting	__Referral from another agency
__Lab reporting	__Review of existing health data (e.g. hospital discharge data)
__Report from poison control	__ Phone call from citizen
__Syndromic surveillance	__Agency does not collect data on this condition (move on to next condition)
C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency: __1-10 __11-50 __51-100 __101-1000 __>1000	
D. What procedures are in place for following up on individual case reports? (Check all that apply):	
__Case interview	__Other
__Case confirmation by medical records review	Specify other: _____
__Exposure investigation	__Not applicable – agency does not receive case reports
E. Percent of case reports triggering an exposure investigation annually: ___	
F. Are case data summarized and made public? (Check one) __Yes	

__No
__Don't know

G. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Lead toxicity - Adult

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Mercury toxicity

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Arsenic toxicity

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only

__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data(e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:

__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)

__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)

__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)

__Yes
__No
__Don't know

Cadmium toxicity

A. Is condition legally reportable to public health agency? (Check one)

__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that

apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:

__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)

__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)

__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)

__Yes
__No
__Don't know

Acute pesticide illness/injury

A. Is condition legally reportable to public health agency? (Check one)

__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Referral from another agency
__Review of existing health data (e.g., hospital

	discharge data)
__Report from poison control	__ Phone call from citizen
__Syndromic surveillance	__Agency does not collect data on this condition (move on to next condition)
C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency: __1-10 __11-50 __51-100 __101-1000 __>1000	
D. Do these include occupational cases? (Check one) __Yes __No __Don't know	
E. What procedures are in place for following up on individual case reports? (Check all that apply):	
__Case interview	__Other
__Case confirmation by medical records review	Specify other: _____
__Exposure investigation	__Not applicable – agency does not receive case reports
F. Percent of case reports triggering an exposure investigation annually: ___	
G. Are case data summarized and made public? (Check one) __Yes __No __Don't know	
H. Are exposure investigation results summarized and made public? (Check one) __Yes __No __Don't know	

Acute respiratory disease related to chemical exposure (e.g., chemical pneumonitis, acute asthma exacerbation)	
A. Is condition legally reportable to public health agency? (Check one) __Yes __Yes – occupational only __No __Don't know	
B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)	
__Physician reporting	__Referral from another agency
__Lab reporting	__Review of existing health data (e.g. hospital discharge data)

__Report from poison control __Syndromic surveillance	__ Phone call from citizen __Agency does not collect data on this condition (move on to next condition)
C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency: __1-10 __11-50 __51-100 __101-1000 __>1000	
D. Do these include occupational cases? (Check one) __Yes __No __Don't know	
E. What procedures are in place for following up on individual case reports? (Check all that apply): __Case interview __Case confirmation by medical records review __Exposure investigation	__Other Specify other: _____ __Not applicable – agency does not receive case reports
F. Percent of case reports triggering an exposure investigation annually: ___	
G. Are case data summarized and made public? (Check one) __Yes __No __Don't know	
H. Are exposure investigation results summarized and made public? (Check one) __Yes __No __Don't know	

Acute disease cluster possibly linked to an environmental exposure (excluding chronic diseases like cancer)	
A. Is condition legally reportable to public health agency? (Check one) __Yes __Yes – occupational only __No __Don't know	
B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply) __Physician reporting __Lab reporting __Report from poison control	__Referral from another agency __Review of existing health data (e.g. hospital discharge data) __ Phone call from citizen

__Syndromic surveillance	__Agency does not collect data on this condition (move on to next condition)
C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency: __1-10 __11-50 __51-100 __101-1000 __>1000	
D. Do these include occupational cases? (Check one) __Yes __No __Don't know	
E. What procedures are in place for following up on individual case reports? (Check all that apply):	
__Case interview __Case confirmation by medical records review __Exposure investigation	__Other Specify other: _____ __Not applicable – agency does not receive case reports
F. Percent of case reports triggering an exposure investigation annually: ___	
G. Are case data summarized and made public? (Check one) __Yes __No __Don't know	
H. Are exposure investigation results summarized and made public? (Check one) __Yes __No __Don't know	

Methemoglobinemia	
A. Is condition legally reportable to public health agency? (Check one) __Yes __Yes – occupational only __No __Don't know	
B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)	
__Physician reporting __Lab reporting __Report from poison control __Syndromic surveillance	__Referral from another agency __Review of existing health data (e.g. hospital discharge data) __ Phone call from citizen __Agency does not collect data on this condition (move on to next condition)
C. Estimated # of cases annually that either meet a case definition or are in	

some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Carbon monoxide poisoning

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50

__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Hyperthermia (morbidity/mortality)

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):
__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Other #1 (Please specify other condition: _____)

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)
__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes

__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that apply):

__Case interview
__Case confirmation by medical records review
__Exposure investigation
__Other
Specify other: _____
__Not applicable – agency does not receive case reports

F. Percent of case reports triggering an exposure investigation annually: ___

G. Are case data summarized and made public? (Check one)
__Yes
__No
__Don't know

H. Are exposure investigation results summarized and made public? (Check one)
__Yes
__No
__Don't know

Other #2 (Please specify other condition: _____)

A. Is condition legally reportable to public health agency? (Check one)
__Yes
__Yes – occupational only
__No
__Don't know

B. Source(s) for identifying individuals and/or case counts with condition: (Check all that apply)

__Physician reporting
__Lab reporting
__Report from poison control
__Syndromic surveillance
__Referral from another agency
__Review of existing health data (e.g. hospital discharge data)
__ Phone call from citizen
__Agency does not collect data on this condition (move on to next condition)

C. Estimated # of cases annually that either meet a case definition or are in some way considered a case by your agency:
__1-10
__11-50
__51-100
__101-1000
__>1000

D. Do these include occupational cases? (Check one)
__Yes
__No
__Don't know

E. What procedures are in place for following up on individual case reports? (Check all that

apply): __Case interview __Case confirmation by medical records review __Exposure investigation __Other Specify other: _____ __Not applicable – agency does not receive case reports
F. Percent of case reports triggering an exposure investigation annually: ___
G. Are case data summarized and made public? (Check one) __Yes __No __Don't know
H. Are exposure investigation results summarized and made public? (Check one) __Yes __No __Don't know

3. Provide brief description and/or URL links to materials that show the types of activities in your agency related to follow-up to reports of environmentally related health conditions. (e.g., Surveillance summaries, exposure investigation reports)

4. Indicate in the tables below the types of non-infectious environmental exposure events that are monitored in your agency and some their features in A-F. Check all that apply for sections A-D where relevant. If selecting "agency does not monitor this type of environmental exposure event" for A, go to the next table (i.e. do not answer parts B-F for that exposure event). (Note: Do not include events identified by disease reports, as enumerated above.)

Mold
A. Source(s) for identifying events: (Check all that apply) __Phone call from citizen __Referral from another agency __Stories in the media __Call from local health __Other __Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually: __1-10 __11-50 __51-100 __101-1000 __>1000
C. Includes occupational exposure events? __Yes __No __Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

Radiation releases/exposures

A. Source(s) for identifying events: (Check all that apply)

__Phone call from citizen
__Referral from another agency
__Stories in the media
__Call from local health
__Other
__Agency does not monitor this type of environmental exposure event (move on to next exposure event)

B. Estimated number of events annually:

__1-10
__11-50
__51-100
__101-1000
__>1000

C. Includes occupational exposure events?

__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

Chemically contaminated products (not including food or water)	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	
C. Includes occupational exposure events?	
__Yes	
__No	
__Don't know	
D. What procedures for following up to identified events are in place? (Check all that apply):	
__Confirming event	__Site visit/environmental exposure
__Epi Investigation	__Agency does not follow up on this type of environmental exposure event
__Referral to local health	__Other
__Referral to regulatory agency	Specify other: _____
__Technical assistance/telephone consultation	
E. Percent of events triggering follow-up actions: ___	
F. Are data on this type of environmental exposure event summarized and made public? (Check one)	
__Yes	
__No	
__Don't know	

Chemically contaminated food	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	
C. Includes occupational exposure events?	
__Yes	

__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

Chemically contaminated water

A. Source(s) for identifying events: (Check all that apply)

__Phone call from citizen
__Referral from another agency
__Stories in the media
__Call from local health
__Other
__Agency does not monitor this type of environmental exposure event (move on to next exposure event)

B. Estimated number of events annually:

__1-10
__11-50
__51-100
__101-1000
__>1000

C. Includes occupational exposure events?

__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

Mercury spills	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	
C. Includes occupational exposure events?	
__Yes	
__No	
__Don't know	
D. What procedures for following up to identified events are in place? (Check all that apply):	
__Confirming event	__Site visit/environmental exposure
__Epi Investigation	__Agency does not follow up on this type of environmental exposure event
__Referral to local health	__Other
__Referral to regulatory agency	Specify other: _____
__Technical assistance/telephone consultation	
E. Percent of events triggering follow-up actions: ___	
F. Are data on this type of environmental exposure event summarized and made public? (Check one)	
__Yes	
__No	
__Don't know	

Carbon monoxide releases	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	
C. Includes occupational exposure events?	

__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

Pesticides misapplications/accidental exposures

A. Source(s) for identifying events: (Check all that apply)

__Phone call from citizen
__Referral from another agency
__Stories in the media
__Call from local health
__Other
__Agency does not monitor this type of environmental exposure event (move on to next exposure event)

B. Estimated number of events annually:

__1-10
__11-50
__51-100
__101-1000
__>1000

C. Includes occupational exposure events?

__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):

__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No

__Don't know

Other chemical spills/releases	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	
C. Includes occupational exposure events?	
__Yes	
__No	
__Don't know	
D. What procedures for following up to identified events are in place? (Check all that apply):	
__Confirming event	__Site visit/environmental exposure
__Epi Investigation	__Agency does not follow up on this type of environmental exposure event
__Referral to local health	__Other
__Referral to regulatory agency	Specify other: _____
__Technical assistance/telephone consultation	
E. Percent of events triggering follow-up actions: ___	
F. Are data on this type of environmental exposure event summarized and made public? (Check one)	
__Yes	
__No	
__Don't know	

Other #1 (Please specify other _____)	
A. Source(s) for identifying events: (Check all that apply)	
__Phone call from citizen	__Call from local health
__Referral from another agency	__Other
__Stories in the media	__Agency does not monitor this type of environmental exposure event (move on to next exposure event)
B. Estimated number of events annually:	
__1-10	
__11-50	
__51-100	
__101-1000	
__>1000	

C. Includes occupational exposure events?
__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):
__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)
__Yes
__No
__Don't know

Other #2 (Please specify other _____)

A. Source(s) for identifying events: (Check all that apply)
__Phone call from citizen
__Referral from another agency
__Stories in the media
__Call from local health
__Other
__Agency does not monitor this type of environmental exposure event (move on to next exposure event)

B. Estimated number of events annually:
__1-10
__11-50
__51-100
__101-1000
__>1000

C. Includes occupational exposure events?
__Yes
__No
__Don't know

D. What procedures for following up to identified events are in place? (Check all that apply):
__Confirming event
__Epi Investigation
__Referral to local health
__Referral to regulatory agency
__Technical assistance/telephone consultation
__Site visit/environmental exposure
__Agency does not follow up on this type of environmental exposure event
__Other
Specify other: _____

E. Percent of events triggering follow-up actions: ___

F. Are data on this type of environmental exposure event summarized and made public? (Check one)

__Yes
__No
__Don't know

5. Provide brief narrative and/ or URL links to websites to exemplify exposure investigations related to environmental exposure events, if available.

6. Overall, approximately how many FTEs are devoted to environmental illness/injury/exposure/contamination monitoring and investigation activities in your program?

Environmental (excluding occupational):____
Occupational: ___
Total____

7. What are barriers to monitoring of and response to environmentally related health conditions and exposure events in your agency? (check all that apply)

__ Inadequately trained staff
__ Inadequate resources to support activities (e.g., dedicated staff, computers, and travel funds)
__ No access to data sources to identify conditions/events
__ Not reportable so not done
__ Systems/procedures (e.g., case definitions, investigation guidelines, protocols, process etc) not in place
__ Resistance of local health departments to respond to these types of events
__ Other (Please specify:_____)

8. Would your state be interested in expanding on current acute environmental exposure and health monitoring activities if resources and/or supporting materials were available?

__Yes
__No
__Depends (Please explain: _____)

9. Would you be willing to share information about your procedures (protocols, data collection instruments, data dictionaries etc.) with CSTE and with other states?

__ Yes
__ No
__ None to share

10. Please feel free to add any comments about this subject and this assessment.