

#	Question	Type
1	General	
1.1	What is your discipline/agency?	Check Box
1.1.1	If other, please specify	Text
1.2	What is your level of government?	Radio Button
1.3	What is the population size of the largest city in your BioWatch jurisdiction?	Radio Button
1.4	Based on your planning, what is the number of casualties requiring hospitalization that the largest city in your BioWatch jurisdiction uses for mass casualty estimates?	Text
1.5	Based on your planning, what is the number of fatalities that largest city in your BioWatch jurisdiction uses for mass casualty estimates?	Text
1.6	What percentage of your BioWatch jurisdiction do you estimate the existing system covers?	Radio Button
1.6.1	Is that percentage sufficient?	Radio Button

1.7	Does BioWatch adequately protect your high priority/high threat infrastructure?	Radio Button
1.8	What type of outdoor environments exist in your jurisdiction that require aerosolized biothreat detection?	Check Box
1.8.1	For each outdoor environment checked, please rate the priority for biothreat detection.	Table
1.9	What type of indoor environments exist in your jurisdiction that require biothreat detection?	Check Box
1.9.1	For each indoor environment checked, please rate the priority for biothreat detection.	Table
1.10	What type of partially-indoor environments exist in your jurisdiction that require biothreat detection?	Check Box

1.10.1	For each partially indoor environment checked, please rate the priority for biothreat detection.	Table
1.11	In your opinion, does BioWatch target the number and types of bioagents that your jurisdiction is concerned about?	Radio Button
2	Notification	
2.1	Does your municipality have a 24-hour Operations Center where a watch officer or other staff is available to constantly monitor for/view notifications?	Radio Button
2.2	What is your municipality Operations Center's preferred method of receiving notifications?	Check Box
2.2.1	If other, please specify	Text
2.3	Would an earlier notification (of a possible aerosolized biothreat detection) enable more timely decision-making, planning, and response operations?	Radio Button
2.4	What information does your jurisdiction consider when planning for, or deciding to respond to, ANY biothreat notification (including white powdered)? <i>Please consider both currently provided information OR information that is not provided but would assist planning and response.</i>	Check Box

		Text
2.5	For your post-notification processes, please rank each of the following information types as very high, high, medium, low, or very low priority.	Check Box
		Very High
		High
		Medium
		Low
		Very Low
2.6	Please indicate which level of timeliness and confidence you prefer for notifications? <i>Timeliness refers to the speed in which a notification is delivered after a possible biological threat is detected and confidence refers to the probability that a true biological threat exists.</i>	
		Radio Button
2.7	Have you had problems with BioWatch alerts and data reaching the intended recipient in a timely manner?	
		Radio Button

2.7.1	If yes, please describe	
2.8	Please rate the importance of being able to archive notifications for post-incident analysis.	Text
		Radio Button
2.9	Please rate the importance of having redundant communications to receive notifications in a degraded communications environment (i.e., cache notification/data and resend when communications are restored)?	
		Radio Button
2.10	<i>For this question please consider biological threat scenarios outside of the BioWatch system (i.e. white powder).</i> Please indicate the highest percentage of notifications that your jurisdiction is willing to accept that did not result in the presence of a true biological threat.	
		Radio Button
2.10.1	If other, please specify	
3	Retrieval	Text
3.1	What personal protective equipment (PPE) is provided to those responsible for the retrieval of a sample of a potential biological hazard?	
		Check Box
3.1.1	If other, please specify	
4	Field Screening	Text

	Since the BioWatch program does not currently have a field screening capability the purpose of this section is to gather insight on what is the desired performance of a field screening capability if it was made available.	
4.1	For the purposes of this question please consider scenarios outside the BioWatch system (i.e. white powder) Which agency in your jurisdiction is responsible for <i>field screening</i> ? (e.g. hand-held assays)	
		Radio Button
4.1.1	Please indicate why your jurisdiction does not conduct field screening?	
		Check Box
4.1.1.1	If other, please describe	
4.2	For the purposes of this question please consider scenarios outside the BioWatch system (i.e. white powder). Does your jurisdiction have dedicated staff for field screening of potential biothreats?	Text
		Radio Button
4.3	Can personnel manipulate samples (e.g. split, aliquot, cut, separate etc.) for field-screening in your jurisdiction?	
		Radio Button
4.4	What is the preferred media for environmental sample collection?	
		Check Box

4.5	For the purposes of this question please consider scenarios outside the BioWatch system (i.e. white powder). Where are field screening activities conducted?	
		Check Box
4.5.1	If other, please specify	
4.6	Please indicate which level of timeliness and confidence you prefer for field screening notifications? <i>Timeliness refers to the speed in which a notification is delivered after a possible biological threat is detected and confidence refers to the probability that a biological threat exists.</i>	Text
		Radio Button
5	Maintenance	
5.1	Does your jurisdiction have local maintenance capability (e.g. not contracted by DHS) for biothreat detection systems?	
		Radio Button
5.1.1	If yes, please specify	
5.2	Have you experienced any specific problems with maintenance of BioWatch equipment?	Text
		Radio Button
5.2.1	If yes, please briefly describe the specific problems	
5.3	What is the minimum acceptable service life your jurisdiction can support for a biodetection system	Text
		Radio Button
6	Conclusion	
6.1	What other challenges do you have with the current BioWatch system?	Text
6.2	What capabilities would you like to see in an upgraded biological detection system?	Text

--	--	--

Options
Law Enforcement
Fire Service
HAZMAT
Public Health
Emergency Management
Laboratory Manager
Military
Other
Local
State
Regional
Federal
Tribal/Territorial
Non-government
0-500,000
500,000-1,000,000
1,000,000-5,000,000
5,000,000+
1-24%
25-40%
41-60%
61-85%
86-100%
Yes
No

I don't know
Yes
No
I don't know
Stadiums/venues
Festival/Fairgrounds/Amusement Parks
Large parks
Waterfront public beaches
Parade and Race routes
Entertainment Districts
Other (add text option)
Very High
High
Medium
Low
Very Low
Enclosed stadiums
Large entertainment venues (e.g. theaters, concert halls, nightclubs)
Convention Centers
Large-capacity religious buildings
Shopping malls
Government owned/occupied buildings
High value privately owned/occupied building
Other (add text option)
Very High
High
Medium
Low
Very Low
Airports

Transit Centers (e.g. harbors, subway/train systems, bus terminals etc.)
Outdoor Malls (e.g., outlet malls)
Other
Very High
High
Medium
Low
Very Low
Yes
No
I don't know
Yes
No
Phone
Text
Email
Other

Yes
No
I don't know

Agent family
Confidence level
of particles
Wind direction
Wind speed
Time since initial detection
Location of initial detection
Location of potential dispersal devices
Images/video
Status of nearest sensor(s)
Other
Agent family
Agent
Confidence level
of particles
Wind direction
Wind speed
Model projections
Time since initial detection
Location of initial detection
Location of potential dispersal devices
Images/video
Status of nearest sensor(s)
Other information
Notification in 1 hour with 20% confidence
Notification in 2 hours with 40% confidence
Notification in 4 hours with 60% confidence
Notification in 8 hours with 80% confidence
Notification in 24 hours with 90% confidence
Yes
No
I don't know

Extremely Important
Highly Important
Important
Moderately Important
Not at all Important
Extremely Important
Highly Important
Important
Moderately Important
Not at all Important
1%
2%
5%
10%
20%
Other
N-95 mask
Gloves
Air-purifying respirator
Level A suit/SCBA
Tyvek suit
Other

Law Enforcement
HAZMAT Team
Public Health
Other
My jurisdiction does not conduct field screening
Lack of training
Lack of equipment
Legal/policy constraints
Other
Yes
No
I don't know
Yes
No
I don't know
Filter
Swabs
Swipes
Sponges
Liquid media (e.g. salt solutions)
other

Department vehicle
Pre-designated screening location on site
Other

Screening in 15 min with 20% confidence
Screening in 30 min with 40% confidence
Screening in 1 hour with 60% confidence
Screening in 2 hours with 90% confidence
Yes
No
I don't know
Yes
No
I don't know
2 years
5 years
10 years



First Responders

State and local municipal staff

HHS Assistant Secretary for Preparedness and Response (ASPR)
HHS Centers for Disease Control and Prevention (CDC)
Federal Bureau of Investigation (FBI)
DHS S&T
Defense Advanced Research Projects Agency (DARPA)
DoD Joint Program Office for Chemical, Biological, Radiological and Nuclear Defenses
DoD Force Protection Agency
Environmental Protection Agency (EPA)
Biowatch Advisory Committee
Federal Working Group (HHS ASPR, CDC, DoD PFFA, EPA, CST/NGB, FBI)
Association of State and Territorial Health Officials (ASTHO)
National Association of County and City Health Officials (NACCHO)
Council of State and Territorial Epidemiologists
Association of Public Health Laboratories (APHL)
CONOPS workshop participants? (54) (postponed)
First Response Workshop participants? (48)
Public Health Workshop participants? (47)
PH and Lab Attendees meeting participants? (?)
Lab Directors meeting participants (?) (postponed)
InterAgency Board

e (JPEO CBRND)