

MODULE 7

EVENT-BASED SURVEILLANCE TRAINING EVALUATION GUIDE & SURVEYS



U.S. Centers for Disease Control and Prevention



▶ EVENT-BASED SURVEILLANCE TRAINING EVALUATION GUIDE

This module can be applied following the completion of event-based surveillance (EBS) training using the *Training Curriculum for Event-Based Surveillance in Health Facilities and Communities and Internet-Event Based Surveillance*

There are two parts to the EBS training evaluation:

- ▶ *The Event-Based Surveillance Post-Training Evaluation Survey* administered at the end of the EBS training, and
- ▶ *The Event-Based Surveillance Training Impact Evaluation Survey* administered approximately three months after the EBS training which includes a survey and administration of the post-training knowledge check for a second time.

Instructions for Event-Based Surveillance Post-Training Evaluation Survey

A copy of the survey should be printed out for each participant in the training. Give participants about 15 minutes to complete the survey. Emphasize that the survey is anonymous and should be answered honestly. Be prepared to answer questions about the meaning of any of the survey items.

The survey starts with four demographic questions. Items 1-21 are answered on a five-point Likert scale ranging from 'strongly disagree' to 'strongly agree'. Items 22-26 include a 'not applicable' option to account for training that doesn't include elements such as role-plays and case studies. The survey finishes with three open-ended questions.

Scoring

Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable
1	2	3	4	5	0

For the Likert-scale questions, higher scale scores represent higher values assigned to the underlying dimension, except for the dimension 'Perceived difficulty', where a higher score indicates less difficulty.

Coding

DEMOGRAPHIC QUESTIONS	
Age range	
18-34	Age 1
35-49	Age 2
50-64	Age 3

DEMOGRAPHIC QUESTIONS

Age range

65+	Age 4
Prefer not to say	Age 5

Gender

Male	Gen 1
Female	Gen 2
Prefer not to say	Gen 3

Current professional role

Dem open

Highest level of education completed

None	Edu 1
Primary education	Edu 2
Secondary education	Edu 3
Post-secondary education at university or college	Edu 4
Graduate level education	Edu 5
Prefer not to say	Edu 6

TRAINING OUTCOME DIMENSIONS

Subjective enjoyment

1. Overall, I liked today's training.	Enj 1
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Perceived usefulness

2. I think the training will be useful for my EBS role.	Use 1
3. Investing time in this training was useful.	Use 2

Perceived difficulty *Note: For perceived difficulty, a higher score indicates less difficulty.*

4. I could understand the concepts being presented in the training.	Dif 1
5. I could understand the language (special terms and technical words) used in the training.	Dif 2

TRAINING OUTCOME DIMENSIONS

Perceived difficulty *Note: For perceived difficulty, a higher score indicates less difficulty.*

6. There was enough time to cover the concepts in this training. Dif 3

Subjective knowledge gain

7. I will be able to remember the new concepts well. Kno 1

Attitude towards training

8. I will apply what I learned to my day-to-day work in EBS. Att 1

9. I would recommend this training to my colleagues. Att 2

TRAINING DESIGN DIMENSIONS

Activation

10. I was able to share my experience relevant to the topics being discussed. Act 1

11. The training helped me to connect new concepts with my existing knowledge. Act 2

Demonstration

12. I was aware of the learning objectives of the training. Dem 1

13. The learning objectives of the training were achieved. Dem 2

14. Concepts were illustrated with concrete examples. Dem 3

15. The media employed (PPT, video, posters etc.) were helpful for my learning. Dem 4

16. The media employed (PPT, video, posters etc.) were suitable for presenting the training. Dem 5

Application

17. I was able to practise what I had learned during the training. App 1

18. In the training I received useful feedback on my performance. App 2

19. In the training I had the opportunity to try out things which I will implement later in my work. App 3

Integration

20. Because of this training, I now understand the importance of integrating these new concepts into my existing work in the area of surveillance. Int 1

TRAINING DESIGN DIMENSIONS

Integration

21. It became clear to me how I can apply the concepts covered in day-to-day EBS work.	Int 2
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Activity-based learning

22. Peer-to-peer discussions helped me to better understand the topics.	Abl 1
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23. Facilitator-led discussions helped me to understand the topics.	Abl 2
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24. Role-play exercises helped me to better understand the topics.	Abl 3
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25. Case study exercises helped me to understand the topics.	Abl 4
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26. The lectures helped me understand the topics.	Abl 5
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OPEN-ENDED QUESTIONS

What did you like best about the EBS training?	Ope 1
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How could the EBS training be improved?	Ope 2
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Please use this space to provide further comments on this training, if any.	Ope 3
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Instructions for Event-Based Surveillance Training Impact Evaluation

The *Event-Based Surveillance Training Impact Evaluation Survey* should be administered approximately three months following the training using the *Training Curriculum for Event-Based Surveillance in Health Facilities and Communities and Internet-Event Based Surveillance*. This evaluation may be administered in different settings based on the country context. Regardless of the setting, this evaluation should be conducted in the same manner. One copy of the survey should be printed out for individuals who participated in the training. Give participants about 15 minutes to complete the survey. Emphasize that the survey is anonymous and should be answered honestly. Be prepared to answer questions about the meaning of any of the survey items.

The survey starts with four demographic questions. Items 1-17 are answered on a five-point Likert scale ranging from 'strongly disagree' to 'strongly agree'. The survey finishes with three open-ended questions.

Re-Administration of the Post-Training Knowledge Check

In order to attain a more objective measure of the participants' knowledge retention, the *Post-Training Knowledge Check* that was administered during the participants' last EBS training should be re-administered as part of the *Training Impact Evaluation*. Wherever possible, try to recreate the conditions of the first *Post-Training Knowledge Check* such as giving participants the same amount of time to complete the test and making sure they complete the test on their own.

Scoring

Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
1	2	3	4	5

For the Likert-scale questions, higher scale scores represent higher values assigned to the underlying dimension.

Coding

DEMOGRAPHIC QUESTIONS	
Age range	
18-34	Age 1
35-49	Age 2
50-64	Age 3
65+	Age 4
Prefer not to say	Age 5
Gender	
Male	Gen 1
Female	Gen 2
Prefer not to say	Gen 3
Current professional role	Dem open
Highest level of education completed	
None	Edu 1
Primary education	Edu 2
Secondary education	Edu 3
Post-secondary education at university or college	Edu 4
Graduate level education	Edu 5

DEMOGRAPHIC QUESTIONS

Highest level of education completed

Prefer not to say

Edu 6

TRAINING IMPACT DIMENSIONS

Perceived utility

1. The training covered what I needed to know for my role in EBS.

Use 1

2. The training equipped me to carry out my EBS-related functions.

Use 2

3. It was worthwhile doing the EBS training.

Use 3

Subjective knowledge retention

4. I can remember what I learned in the EBS training.

Kno 1

5. I am still able to explain what I learned in the training to others in my field of work.

Kno 2

6. I have no need for refresher training in EBS.

Kno 3

Perceived performance

7. The EBS training has had a positive impact on the way I conduct EBS.

Per 1

8. I am contributing to EBS efforts in a significant way as a result of the EBS training.

Per 2

9. My EBS supervisor is able to give me useful feedback on my performance.

Per 3

Application

10. I have been able to put into practice what I learned during the training.

App 1

11. I have referred back to the training materials in order to carry out my EBS role effectively.

App 2

12. I feel that EBS is important for achieving surveillance goals.

App 3

Integration

13. I know how to get help if I have a problem in relation to my EBS role.

Int 1

14. I feel like I am part of a team.

Int 2

15. I feel like my EBS work is valued.

Int 3

TRAINING IMPACT DIMENSIONS

Integration

16. My supervisor supports me to achieve EBS goals.	Int 4
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17. I am contributing to surveillance efforts in a significant way as a result of the EBS training.	Int 5
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OPEN-ENDED QUESTIONS

Is there any content you would like to have included in the EBS Training Curriculum to help you succeed in your EBS role?	Ope 1
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Describe any factors that are hindering you in your EBS role that you feel should be addressed in future EBS trainings.	Ope 2
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▶ **EVENT-BASED SURVEILLANCE TRAINING EVALUATION SURVEY**

Please answer the following questions based on your experience participating in this event-based surveillance (EBS) training. Your feedback will help us to improve this training in the future. Please answer honestly and openly. Your responses will remain completely anonymous and will only be used for evaluation and reporting purposes.

Age range (circle one)

- 18-34
- 35-49
- 50-64
- 65+
- Prefer not to say

Gender (circle one)

- Male
- Female
- Prefer not to say

Current professional role _____

Highest level of education completed (circle one)

- None
- Primary education
- Secondary education
- Post-secondary education at university or college
- Graduate level education
- Prefer not to say

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
1. Overall, I liked today's training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I think the training will be useful for my EBS role.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
3. Investing time in this training was useful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I could understand the concepts being presented in the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. I could understand the language (special terms and technical words) used in the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. There was enough time to cover the concepts in this training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. I will be able to remember the new concepts well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I will apply what I learned to my day-to-day work in EBS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. I would recommend this training to my colleagues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I was able to share my experience relevant to the topics being discussed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. The training helped me to connect new concepts with my existing knowledge.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. I was aware of the learning objectives of the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. The learning objectives of the training were achieved.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. Concepts were illustrated with concrete examples.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15. The media employed (PPT, video, posters etc.) were helpful for my learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16. The media employed (PPT, video, posters etc.) were suitable for presenting the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
17. I was able to practise what I had learned during the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18. In the training I received useful feedback on my performance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19. In the training I had the opportunity to try out things which I will implement later in my work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20. Because of this training, I now understand the importance of integrating these new concepts into my existing work in the area of surveillance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21. It became clear to me how I can apply the concepts covered in day-to-day EBS work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable
22. Peer-to-peer discussions helped me to better understand the topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
23. Facilitator-led discussions helped me to understand the topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24. Role-play exercises helped me to better understand the topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
25. Case study exercises helped me to understand the topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
26. The lectures helped me understand the topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What did you like best about the EBS training?

How could the EBS training be improved?

Please use this space to provide further comments on this training, if any.

▶ **EVENT-BASED SURVEILLANCE TRAINING IMPACT EVALUATION SURVEY**

Please answer the following questions based on the impacts you think your most recent event-based surveillance (EBS) training has had on your EBS role. Your feedback will help us to improve this training in the future. Please answer honestly and openly. Your responses will remain completely anonymous and will only be used for evaluation purposes.

Age range (circle one)

- 18-34
- 35-49
- 50-64
- 65+
- Prefer not to say

Gender (circle one)

- Male
- Female
- Prefer not to say

Current professional role _____

Highest level of education completed (circle one)

- None
- Primary education
- Secondary education
- Post-secondary education at university or college
- Graduate level education
- Prefer not to say

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
1. The training covered what I needed to know for my role in EBS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. The training equipped me to carry out my EBS-related functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
3. It was worthwhile doing the EBS training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I can remember what I learned in the EBS training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. I am still able to explain what I learned in the training to others in my field of work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I have no need for refresher training in EBS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. The EBS training has had a positive impact on the way I conduct EBS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I am contributing to EBS efforts in a significant way as a result of the EBS training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. My EBS supervisor is able to give me useful feedback on my performance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I have been able to put into practice what I learned during the training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. I have referred back to the training materials in order to carry out my EBS role effectively.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. I feel that EBS is important for achieving surveillance goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. I know how to get help if I have a problem in relation to my EBS role.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. I feel like I am part of a team.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15. I feel like my EBS work is valued.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16. My supervisor supports me to achieve EBS goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17. I am contributing to surveillance efforts in a significant way as a result of the EBS training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is there any content you would like to have included in the EBS Training Curriculum to help you succeed in your EBS role?

Describe any factors that are hindering you in your EBS role that you feel should be addressed in future EBS trainings.
