

1. Surveyor Information Module

Demographics of yourself, the interviewer, are reported here. It is important that you give accurate contact information of yourself in order to enable us to contact you when evaluating the survey.

Estimated time required for this module: 1 minute

*** 1. Surveyor: [Please always insert your first and last name. Email and phone is only required for your first interview].**

* Full name:

Phone:

Email:

*** 2. Date of Interview: [INTERVIEWER: Always put in the actual interview date, which is not necessarily the same as the date of first contact]**

2. Introduction Module

This module includes the relevant inclusion criteria for the study.

Estimated time required for this module: 3 minutes

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***3. [INTERVIEWER: If you reach a voicemail/automated message system read TEXT 1, if someone picks up phone read TEXT 2]**

[TEXT 1] Hello, my name is [INTERVIEWER: enter your first name]. I am calling for {INSERT NAME OF INTERVIEWEE}, on behalf of the Alabama Department of Public Health and the U.S. Centers for Disease Control and Prevention. I am calling to see if you would be willing to participate in a survey on the tornado experienced in April last year. I will call you back within the next few days to schedule a call. Thank you and good bye.]

[TEXT 2] Hello, my name is [INTERVIEWER: enter your first name], I'm calling on behalf of the Alabama Department of Public Health and the U.S. Centers for Disease Control and Prevention. I am calling to conduct a survey on the tornado experienced in April last year. Can I speak with {INSERT NAME OF INTERVIEWEE}?

[INTERVIEWER: If person is not available ask if there is a better time to call and put that time into the notes].

IF PERSON COMES TO THE PHONE

Is this {INSERT NAME OF INTERVIEWEE}?

Hello, my name is [INTERVIEWER: enter your first name], I'm calling on behalf of the Alabama Department of Public Health and the U.S. Centers for Disease Control and Prevention. I am calling to conduct a survey on the tornado experienced in April last year.

Are you at least 19 years of age?

[INTERVIEWER: IF ANSWER IS "NO", say "Thank you. Because you are under 19 years old you are not eligible for this study, and our interview ends here. Thank you for your participation and time . Have a good day."].

[INTERVIEWER: IF answer is YES say]:

We're interested in speaking with people from Alabama about how they were affected by the tornados from April last year and about the health messages they heard during the storm in order to help the public prepare better for future tornados. Let me assure you all responses are stored safely and processed confidentially. Your participation is entirely

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voluntary and you are free to refuse now or at any point during the interview. Some of the questions may touch on sensitive issues and arouse negative thoughts. I can provide you with a contact to get psychological counseling at the end of the interview if you want to. Are you ok with taking part in this interview?

[INTERVIEWER: If answer is "YES", code as CONSENTGIVEN in box below, if NO - THANK AND code as NOCONSENT].

"The interview will last approximately 40 minutes. Are you available for 40 minutes now?

[INTERVIEWER: If answer is NO or Don't know , schedule a time for an interview and call back at that time--take down the time in the notes].

'Before we start, let me explain that you may feel during the interview that you already answered or talked about one or another particular question I am asking. This is because each of these questions is really important to us and I want to make sure that I understand your response fully. Please do not feel confused or distracted by that'.

[INTERVIEWER: If an interviewee at any time, wants to know about where you have his/her contact data from, say: This is a project from the Alabama Department of Public Health and CDC. It is a collaboration with the Alabama Hospital Association. There are two ways how we obtained data. Either, people affected by the tornado called us and left their contact, or, we got contact data from the hospital where those affected by the tornado were treated".

- YES consent given
- NO consent given

3. Introduction Module

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***4. From what source did you find out about this study? Was it information from a letter from a hospital where you received treatment, or did you contact us because of a media report or commercial you heard, or is this the first time that you heard about this study?**

- FEMA
- Hospital
- First time hearing about about study
- Media report / commercial
- Other (please specify)

4. Introduction Module Case / Control

This module is about the case / control assessment. At the end of the module you will have to decide if the person is a case or control or neither a case nor control, based on the answers given.

***5. The tornadoes struck Alabama on April 27th. I will now read some questions to you. Please answer to each of the questions with "Yes" or "NO":**

ANSWER

Were you in the path of the tornado?

Did you take any action to avoid being in the tornado's path?

Were you injured in any way on April 27 by the tornado?

Did you receive any medical care in a hospital or emergency department for this injury?

***6. If you were injured, did this injury occur during the tornado or after the tornado had already passed the area (for example, during cleaning work)?**

- During the torando
- After the tornado had passed the area
- Not injured
- Don't know

5. Introduction Module

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***7. Which of the following describes your situation best [INTERVIEWER: read options].**

- Directly hit by winds, thrown onto something or thrown out of location
- Hit by flying debris
- Hit by collapsing building, room, roof etc.
- Stepped on something or hurt by debris on ground
- Other (please specify)

***8. [Interviewer: look at the CASE/CONTROL definitions below and make the correct choice:**

CASE DEFINITION:

ALL OF THE FOLLOWING MUST APPLY:

- Received medical care in emergency department or hospital for injury
- Injury occurred during tornado (not afterwards)

CONTROL DEFINITION:

ALL OF THE FOLLOWING MUST APPLY:

- Was in the path of tornado OR tried to avoid being in the path
- Did NOT receive medical care in emergency department or hospital for injury

IS THIS PERSON A CASE OR CONTROL?--Tick appropriate option].

- CASE
- CONTROL
- Neither a case nor a control

6. Case Module

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***9. [INTERVIEWER: If respondent is neither a case nor control as defined above then code as "nocasecontrol" in box below and say the following text:]**

"Thank you for this response. The situation you described means that you are not eligible for this study, and our interview ends here. Thank you for your participation and time and for letting me interview you. Have a good day".

nocasecontrol

7. Case Module

***10. What is the name of the hospital you received treatment at? [INTERVIEWER: PROMPT, if necessary. If there are several hospitals select "other" and list all; if not known, check "unknown"]**

***11. How long was your stay in the hospital or emergency department approximately?**

Length

Length

***12. Were you admitted to the hospital or were you treated and released from the emergency department?**

- Admitted
- Emergency room only
- Don't know

***13. Were you admitted to the intensive care unit (icu)?**

- Yes
- No
- Don't know

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*14. Were you discharged home or to a rehabilitation facility?

- Discharged home
- Rehabilitation facility
- Don't know
- Other (please specify)

8. Demographics Module

Demographics of the interviewees are registered here.

Estimated time required for this module: 1 minute.

*15. [INTERVIEWER: Enter the full name, the telephone number and birth date of the interviewee here. If one is unknown, write "999"].

Name:

Telephone number:

Birth date (mm/dd/yyyy):

*16. What was your address in Alabama on April 27 2011 at the time of the tornado?

Address:

City/Town:

State:

ZIP:

Age:

Sex (m/f) [INTERVIEWER:
ask only if not known]

*17. Are you White, Black or African-American, American Indian or Alaskan Native, Asian, Native Hawaiian or other Pacific islander, or some other race?

- White
- Black or African-American
- American Indian or Alaskan Native
- Asian
- Native Hawaiian or other Pacific Islander
- From multiple or other races

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*18. Are you Hispanic?

- Yes
- No
- Don't know

9. Inside the Outbreak Module

This module comprises questions on the situation and circumstances during the tornado outbreak.

Some questions require the interviewee to prompt answers, for others the interviewee should keep the answer open. It is always outlined in brackets if the respective answer should be prompted. If no according comment is stated, the answer should not be prompted. Please, NOTE: The options "don't know" or "refused" should generally not be read out.

Estimated time required for this module: 6 min.

*19. The next few questions are about your experiences of the tornado.

What time during the day did you first hear about upcoming or active tornadoes in the area where you were? If you do not remember the precise time, please state the approximate hour. [INTERVIEWER: If respondent gives an answer like "during lunch", or "sometime in the morning", it is necessary that you prompt an answer about the approximate hour that was If interviewee does not know at all put in "11:11 am". If interviewee says he/she did not hear about tornado activity at all before it hit put in 4:44 am].

Time HH MM AM/PM
 :

***20. There were two Tornadoes in Alabama that day, one less severe in the morning, and one more severe in the early evening. Which of these were you actually exposed to or did you try to avoid?**

- The severe one only
- The less severe only
- Both
- Don't know / Refused

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***21. What was the address where you were located when the tornado passed through your area? [INTERVIEWER: fill in the specific address or cross street in the 'Address' field; if address is the same as his/her residence on April 27 (assessind in previous part) fill in "Same as residence"; if interviewee does not remember the address write "Not known" in address line and go to next question]:**

Address:
Apartment number /
Dormitory:
City/Town:
ZIP:

***22. [INTERVIEWER: Ask this question only if respondent did not remember the answer to the previous question. Otherwise go to next question now. If respondent does not know write "not known" in address line]**

Do you remember a business or another important point near where you were? Could you provide me with the name and address of that structure? Any information would be helpful!

Address:
Address 2:
City/Town:

***23. In which type of structure were you located at the time the tornado hit? [INTERVIEWER: prompt answer]**

- In a residence (apartment, dormitory, home, house -- NOT mobile home)
- In a mobile home / Trailer
- In a motor vehicle / RV
- Outdoors
- Public storm shelter
- Private storm shelter
- Not known / refused
- Other Public/Commercial building
- Other (please specify)

***24. What was the name of this public building? [Interviewer: If answer not known, write "not known" in text box].**

***25. Was this structure your own or rented private structure, someone else's private structure, or a public structure?**

- Own structure (included rented)
- Other's structure
- Public structure
- Don't know / Refused

***26. What material was the main frame of the structure made from? [INTERVIEWER: prompt answer only when respondent keeps silent]:**

- Brick
- Wood
- Stone
- Cinder block
- Stucco
- Steel
- Don't know / refused
- Other (please specify)

***27. What was the structure's foundation? [INTERVIEWER: prompt answer only when respondent keeps silent]:**

- Crawl space
- Concrete slabs
- Blocks (e.g., pier and beam)
- Don't know / Refused
- Other (please specify)

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***28. In terms of the type of the whole structure, was it a single family structure, a duplex structure, a one-story apartment building, a multistory apartment building, condo, dormitory or some other type? [INTERVIEWER: if respondent says it was some other type of structure, ask which type and write down answer in the "other" field].**

- Single family
- Duplex
- One-story apartment building
- Multistory apartment building or Condo
- Dormitory
- Don't know / Refused
- Other (please specify)

***29. What floor of the structure were you on?**

- Basement
- 1st floor
- 2nd floor
- 3rd floor
- Don't know / Refused
- Other floor number (please specify)

***30. Did the room or part of the structure you were in have exterior walls?**

- Yes
- No
- Don't know / Refused

***31. Did this room or part of the structure have no windows, one window, or more than one window?**

- Yes, one window
- Yes, more than one window
- No windows
- Don't know

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*32. Which room or part of the structure were you in when the tornado hit?

- | | |
|--|--|
| <input type="radio"/> Basement | <input type="radio"/> Family/living room |
| <input type="radio"/> Underground shelter | <input type="radio"/> Kitchen |
| <input type="radio"/> Hallway | <input type="radio"/> Staircase (but not lift) |
| <input type="radio"/> Bathtub | <input type="radio"/> Elevator |
| <input type="radio"/> Bathroom, but not in tub | <input type="radio"/> Working room / office |
| <input type="radio"/> Closet | <input type="radio"/> Meeting room |
| <input type="radio"/> Bedroom | <input type="radio"/> Don't know / Refused |
| <input type="radio"/> Other (please specify) | |

*33. Was the structure you were in damaged during the tornadoes?

- Yes
- No
- Don't know / Refused

11. Inside the Outbreak Module

*34. What was the amount of damage to the structure? [INTERVIEWER: Ask for details as needed to comply with the definitions listed in each category. The more severe category includes damages listed in less severe categories. Always check the most severe category that applies].

- Completely collapsed
- Some walls down and some standing
- Roof missing, all walls standing
- Roof damaged (but all walls standing, may include broken windows)
- Only windows broken (may include siding ripped off)
- Siding ripped off but no other exterior damage (no windows broken)

12. Inside the Outbreak Module

***35. What type of motor vehicle were you in? [INTERVIEWER: prompt answer if respondent keeps silent]:**

- Car (but NOT pickup, van or sports utility)
- Pickup
- Van
- Sports Utility
- Motor home / travel trailer / RV
- Motorcycle or scooter
- > 4 wheels (e.g., semi)
- Don't know / Refused
- Other (please specify)

***36. What was the make, model and approximate year of manufacture of the motor vehicle? [INTERVIEWER: If detailed answers are unknown try to get as much detail as possible. If answer is unknown, write "not known" in make line.]**

Make (brand name)

Model

(Approx.) Year (of manufacture)

***37. Was the vehicle parked or in motion when the storm hit?**

- Parked
- Not parked / in motion
- Not known / Refused

***38. Were you the driver, the front seat passenger, or a backseat passenger in the vehicle?**

- Driver
- Front passenger
- Backseat passenger
- Don't know / Refused

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***39. If you were in a vehicle, and the storm was close, how did you react?**

[INTERVIEWER: prompt answer]

- Stayed in vehicle and tried to drive away
- Stayed in parked vehicle
- Got out of vehicle and got into ditch
- Drove under a structure (like a bridge or overpass)
- Other (please specify)

13. Inside the Outbreak Module

***40. If you stayed in vehicle, did you have your seat belt on?**

- Yes
- No
- Don't know / Refused

***41. Did this vehicle have airbags?**

- Yes
- No
- Don't know / Refused

14. Inside the Outbreak Module

***42. I will now read out some airbag types. Please tell me if the vehicle had that type of airbag.**

	Yes	No	Don't know / Refused
Front driver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Front passenger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Any side airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motorcycle airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

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*43. List all of the airbags that deployed

	Deployed	Did not deploy	Don't know / Refused	Not applicable (no such airbag)
Front driver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Front passenger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Any side airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motorcycle airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other airbag	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*44. What was the amount of damage to the vehicle, if any? [INTERVIEWER: give options to clarify, as needed]

- Remained undamaged
- Minimal damage (only scratches, small dents)
- Moderate damage (Major dents or broken window, etc.)
- Severe damage (undrivable)
- Not known/Refused

15. Protective Actions Module

This module comprises questions related to protective actions taken and trapping after the tornado.

Estimated time required: 5 minutes.

*45. The next few questions are about protective actions you may have taken before, during or after the tornado.

Where were you when you first heard about the tornado? [INTERVIEWER: if no response prompt answer, and ask for as many details as required to make a informed choice].

- Inside your own residence (not mobile home)
- Inside someone else's residence (not mobile home)
- Inside own mobile home
- Inside other's mobile home
- In a motor vehicle
- Other (please specify)
- Outdoors
- At work
- Public building (but not work)
- Don't know / refused

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***46. At what time did you first take action to protect yourself or others from the tornado [INTERVIEWER: if the interviewee does not understand "taking action", add examples: getting into shelter, driving away, closing windows etc. If time is not known or answer is "at lunchtime" or similar, ask for approximate hour, if not known at all, fill in 13:44 p.m.]**

Time: HH MM AM/PM
 :

***47. I will now read out some options you may have used to protect yourself. Please indicate if it applies to you.**

	Yes	No	Don't know / Refused
Shielding with Mattress	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shielding with some type of covering (blanket, pillow, coat, etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get under bed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shielding with other heavy furniture or heavy object than bed (desk/table, etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another person shielded me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Holding on to a heavy furniture or heavy object (desk/table, etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get into bathtub	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If other method used, please specify here

***48. Did you use a helmet to protect yourself?**

- Yes
- No
- Don't know / refused

16. Protective Actions Module

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*49. What type of helmet did you use? [INTERVIEWER: prompt answer]

- Motorcycle helmet
- Bicycle helmet
- Batting helmet
- Football helmet
- Other (please specify)
- Ski helmet
- Hockey helmet
- Hard hat (used at building sites)
- Miner's helmet
- Combat helmet (fighter pilot etc)
- Don't know / Refused

*50. What material was the helmet made from? [INTERVIEWER: prompt only when respondent keeps silent].

- Synthetic fiber (e.g., twaron or amarid)
- Plastic
- Metal
- Other (please specify)
- Leather
- Don't know / Refused

*51. To protect yourself, did you try to hold on to something?

- Yes
- No
- Don't know/Refused

17. Protective Actions Module

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***52. I will now read some options of what you could hold on to during a storm. Please tell me if each applied to you or not.**

	Yes	No	Don't know / Refused
Fixed outside structure (e.g.traffic sign)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[INTERVIEWER: If respondent indicated he/she held on to something else, indicate here WHAT that was]:

***53. Is there a public tornado shelter near your home? If yes, can you name it to me?**

- Named a specific site
- Did not name a site but thinks / knows there is a shelter
- Did not name a site but thinks / knows there is no shelter
- Had no idea if there is any

***54. Is there a private tornado shelter near your home?**

- Yes
- No
- Didn't know (Had no idea)
- Refused answer

***55. Did you actually try to reach a storm shelter before the storm?**

- Yes
- No
- Don't know / Refused

18. Protective Actions Module

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***56. Was that shelter a public official storm shelter, a shelter in a public building (e.g. school, department store, theater, etc.), a private storm shelter, or a private shelter not specifically made for storms?**

- Public official storm shelter
- Shelter in public building, e.g. school, department store, theater, etc.
- Private storm shelter
- Private other shelter (not specifically made for storms)

***57. Approximately how far away was this shelter in terms of walking distance?**

- < 5 minutes
- 5 - 10 minutes
- 10 - 20 minutes
- more than 20 minutes

19. Protective Actions Module

***58. Why did you not try to reach a shelter on that day? [INTERVIEWER: make keynotes, if no answer write 'none'.]**

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***59. I will now read out some possible reasons why people may not have reached a shelter. Please tell me for each if it applied to you in that situation on April 27.**

	Yes	No	Don't know / Refused
I didn't know I was in the path of the tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was not aware of the opportunity to do that	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The shelter opened after the tornado but not before the tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought shelters typically open after a tornado, but that they are not open before or during the tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I went to a shelter in past and no tornado struck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought there were no shelters in the area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought there was not enough time before impact of tornado to reach shelter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought another action I took would be safer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought seeking shelter would not be necessary	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I did not want to leave home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

***60. After the storm, did you have difficulties leaving the place where you were during the storm because you were trapped in a structure (e.g., residence, storm shelter, or vehicle) or in the city?**

- Yes
- No
- Don't know / Refused

20. Protective Actions Module

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*61. Where were you trapped? [INTERVIEWER: prompt answer]

- Inside structure (not shelter)
- Inside public storm shelter
- Inside private storm shelter
- Inside vehicle
- In my /city/village or part of city, but not in structure (e.g. roads blocked)
- Don't know / Refused
- Other (please specify)

*62. How did you get out of the trap? [INTERVIEWER: prompt answer]

- Own hands only
- Worked with others who were trapped in same place
- Emergency service
- Individuals outside who were not trapped (but not emergency service)
- Don't know / Refused
- Other (please specify)

*63. Approximately how long were you trapped?

Duration

21. Messaging Systems Module

This module is about which warning messages and functionality of warning systems.

Estimated required time: 5 minutes.

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***64. The next few questions are about warning messages on that day. I will start with a question on languages in your household:**

Do you generally speak English or Spanish in your household? [INTERVIEWER: prompt answer]

- English only
- Spanish only
- Both, but more English
- Both, but more Spanish
- Neither English nor Spanish

***65. I will now read out warning sources you may have had access to in the place where you prepared for the tornado. Please tell me for each option if you had access to it or not.**

	Yes	No	Don't know / Refused
AM/FM battery radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AM/FM plug radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weather radio (NOAA Weather Radio)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Television	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SMS / Text message	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facebook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Twitter messaging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet news media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community members, friends etc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sirens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[INTERVIEWER: If other source was mentioned, specify here which]:

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*66. What specific warnings / emergency alerts and signs informed you of tornado activity in your area that day? (Check all that apply)

	Yes	No	Don't know / Refused
Saw tornado at distance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weather changes outside suggestive of tornado (but dind't see tornado)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heard on AM/FM battery radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heard on AM/FM plug radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heard on weather radio (NOAA Weather Radio)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Official emergency broadcast warnings on radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Official emergency broadcast warnings on TV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Saw on local television news	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heard in local radio news	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SMS / text message from friend/family/acquaintance etc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SMS / text message from local weather station	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facebook message	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Twitter message	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet news media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal communication from community members, friends etc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heard siren	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Didn't know ahead of time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[INTERVIEWER: If other source is mentioned, specify here which]:

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*67. What was the FIRST warning you were exposed to on that day?

- Saw tornado at distance
- Weather changes outdoors suggestive of tornado (but didn't see tornado)
- Heard on AM/FM battery radio
- Heard on AM/FM plug radio
- Heard on weather radio (NOAA Weather Radio)
- Official emergency broadcast warnings on radio
- Official emergency broadcast warnings on TV
- Saw in local television news
- Heard in local radio news
- SMS / Text message from friend/family
- SMS / Text message from local weather station
- Facebook message
- Twitter message
- Internet news media
- Personal from community members, friends etc
- Heard siren
- Didn't know ahead of time
- Other (please specify)

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***68. Which was the single most important warning sign that caused you to take action? [INTERVIEWER: Note, if interviewee still says two or more, take last option "a combination of several ones"].**

- Saw tornado at distance
- Weather changes suggestive of tornado (but didn't see it)
- Heard on AM/FM battery radio
- Heard on AM/FM plug radio
- Heard on weather band radio (NOAA Weather Radio)
- Saw on television
- SMS Text message from friend/family
- SMS Text message from local weather station
- Facebook message
- Twitter message
- Internet news media
- Personal from community members, friends etc
- Heard siren
- Didn't know ahead of time
- A combination of several ones
- Other (please specify)

***69. Are there sirens in the area where you were located when preparing for the tornado?**

- Yes
- No
- Don't know

***70. Did you hear the sirens go off on that day?**

- Yes
- No
- Don't know

22. Messaging Systems Module

Tornado Alabama, April 27 2011

***71. How did you react immediately after hearing those sirens? [INTERVIEWER: write down keywords, if there is no answer write 'none'].**

***72. I will now read out some options about how people may react to hearing sirens. Please tell me for each if this was true for you or not on April 27.**

	Yes	No	Don't know
No reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thought 'Probably false alarm'	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tried to get to a shelter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Went to basement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Called someone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Closed windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Got into car	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turned on radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turned on TV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Looked on the internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

***73. How many times per year do you typically hear sirens go off, not counting test-alarms?**

Frequency

***74. When hearing sirens in the past, did a tornado affect your area?**

- Not applicable
- Yes, nearly always or always
- Yes, sometimes
- Yes, but rarely so
- No, never
- Don't know / Refused

Tornado Alabama, April 27 2011

***75. Do you remember some of the warning messages you heard specifically on that day via media or from other people related to how to prepare for a tornado or how to stay safe during and after a tornado? [INTERVIEWER: Keywords. If the respondent does not remember any message, write "none".]**

***76. I will now read out some warning messages you may have heard specifically on that day before the tornado. Please tell me for each if you remember having heard this message on that day before the tornado. Please remember, this question is not to test your general knowledge on tornadoes, it serves to see which concrete warning messages you actually heard on April 27 via media, friends or other people.**

	Yes	No	Unsure / Don't know	Refused
A dark or green coloured sky may indicate a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A large, low-lying cloud may indicate a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Large hail may indicate a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A loud roar that sounds like a freight train may indicate a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turn on the radio or TV or a NOAA weather radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you see a funnel cloud take shelter immediately	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Call 911 if injured	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Be cautious if in area hit by storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Help alert others by reporting funnel cloud to media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get in ditch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Go to basement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Go to lowest floor of building	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discuss with your family / friends where the best tornado shelters are	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discuss with your family / friends how to protect yourself from debris	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoid windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Do not stay in a mobile home during a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shield your head with your hands or an object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you are in a vehicle when the tornado hits, get out of it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you are in a vehicle when the tornado hits, stay in it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drive away from the tornado as quickly as possible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do not get under your vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you are outside, avoid areas with many trees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you are outside, avoid vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long-span buildings (e.g., shopping malls, theaters) are particularly dangerous during a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get under a door frame	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get under something that will support or deflect falling debris (e.g., heavy shelving, counters)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Move away from glass doorways	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Go to the innermost part of the building	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do not use elevators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crouch down	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Put as many walls as possible between you and the outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile homes are particularly dangerous places during a tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[INTERVIEWER: If other option is mentioned, please specify here which:]

Tornado Alabama, April 27 2011

***77. Was there a power disruption where you were on the day of the tornado?**

- Yes
- No
- Don't know / Refused

23. Messaging Systems Module

***78. Was this power disruption before, during or after the tornado? [INTERVIEWER: check all that apply].**

- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused

***79. How long was the longest power disruption approximately?**

Disruption length

***80. Did you experience loss of landline telephone or cell phone access or both on that day?**

- No, I did not lose phone
- Yes, I lost only cell phone but not landline phone
- Yes, I lost only landline phone but not cell phone
- Yes, I lost both
- Don't know / Refused

24. Messaging Systems Module

Tornado Alabama, April 27 2011

***81. When did you experience loss of connectivity on your landline phone?**

[INTERVIEWER: check all that apply].

- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused
- Other (please specify)

***82. If you lost also cell phone connectivity, when did you experience loss of connectivity via your cell phone? [INTERVIEWER: check all that apply].**

- Did not loose cell phone connectivity
- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused
- Other (please specify)

***83. On the day of the tornado outbreak, did your TV stop working at times when the power supply was intact? [INTERVIEWER: If stopped working because of no power supply, check "No"].**

- No
- Yes
- Don't know / Refused

25. Messaging Systems Module

***84. When did you experience this disruption in spite of intact power for your TV?**

[INTERVIEWER: check all that apply].

- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused

Tornado Alabama, April 27 2011

***85. On the day of the tornado, did the radio stop working at times when your power supply was intact? [INTERVIEWER: If stopped working because of no power supply, check "No"].**

- No
- Yes
- Don't know / Refused

26. Messaging Systems Module

***86. When did you experience this disruption in spite of intact power for your radio? [INTERVIEWER: check all that apply].**

- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused

***87. On the day of the tornado, did internet stop working at times when power supply was intact? [INTERVIEWER: If stopped working because of no power supply, check "No"].**

- No
- Yes
- Don't know / Refused

27. Messaging Systems Module

***88. When did you experience this disruption in spite of intact power for the internet? [INTERVIEWER: check all that apply].**

- Before the tornado
- During the tornado
- After the tornado
- Don't know / Refused

28. Knowledge & Experience Module

Tornado Alabama, April 27 2011

This module comprises questions related to knowledge on tornadoes.

Estimated time required: 4 minutes.

***89. The next set of questions is about your tornado experience before the tornado that occurred on April 27 and about your knowledge of and opinion on tornadoes.**

Before the tornadoes of 2011 how often have you experienced tornadoes this closely?

- Never
- 1 to 2 times
- 3 to 5 times
- >5 times
- Don't know / Refused

***90. Please rate from much less severe to much more severe how you personally experienced this tornado as compared to the most severe tornado you were previously exposed to.**

- This outbreak was much less severe
- This outbreak was less severe
- This outbreak was more severe
- This outbreak was much more severe

***91. What would you like people to know about what could be done better during such a situation? [INTERVIEWER: give keywords only if response is long].**

Tornado Alabama, April 27 2011

***92. I will now read out some tornado-related facts and opinions. Please tell me for each of the following messages if you think it is true or false.**

	True	False	Don't know	Refused
Areas near lakes, rivers and mountains are relatively safe from tornadoes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The low pressure with a tornado causes buildings to "explode" as the tornado passes overhead.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Windows should be opened before a tornado approaches to equalize pressure and minimize damage.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Violent winds and debris slamming into buildings cause most structural damage.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you are driving and a tornado is sighted you should turn and drive at right angles to the tornado.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The most important action is to immediately go to a safe shelter.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Highway overpasses are good places under which to seek shelter when you are in the open	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your injury risk will be greatly reduced by moving into a strong, sturdy reinforced building.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. Contact Information for Acquaintances / Friends Module

This pages is to add information on acquaintances of the respondent who may have been exposed to the tornado as well.

Approx. duration of this module: 6 min.

Tornado Alabama, April 27 2011

93. Thank you for this information. At this point I would like to ask you if you remember any acquaintances, friends or other individuals who are not from your own household, and who are at least 19 years old and were in the path of the tornado or tried to avoid it but who were not injured or at least did not seek medical treatment for their injury. We would like to call these people in order to get more information from those who were affected. Can you provide us with some contacts?

[INTERVIEWER: Please enter up to 5 names and telephone numbers here. Alternatively, you can also enter an email-address instead of the phone number, but having the phone number is the first choice. Point out that you would like to have contacts of acquaintances (first choice), however, friends and other individuals are also welcome. Make sure that the individuals are not from same household before you enter them into the database. If the interviewee needs more time, e.g. to look for telephone numbers, schedule another call with him or her for that and continue with the last module.]

[INTERVIEWER: If interviewee does not know any contacts, say Section 2, if interviewee knows one or more contacts jump over section 2 and go directly to collecting the Acquaintance/friend contact information].

[Section 2]:

"In case you meet others affected by the tornado in the next few weeks, could you pass along our telephone number to others who were affected? That would be helpful. They can leave a voicemail with their name and telephone number and we will contact them to complete the same survey we gave to you today. Can I give you the telephone number?"

[INTERVIEWER: If 'yes' say]:

The number is 855-228-3777. Thank you {Sir / ma'am}. Let's continue with the final part of the interview.

[INTERVIEWER: If 'no' say]:

Ok, no problem {Sir / ma'am}, let's continue with the final part of our our interview.

Acquaintance / friend 1

Tornado Alabama, April 27 2011

Name [INTERVIEWER: First name is enough, if respondent does not want to give full name]

Email Address:

Phone Number:

94. Is this person an acquaintance, friend or other person you know?

- Acquaintance
- Friend
- Other (please specify)

95. Acquaintance / friend 2

Name:

Email Address:

Phone Number:

96. Is this person an acquaintance, friend or other person you know?

- Acquaintance
- Friend
- Other (please specify)

97. Acquaintance / friend 3

Name:

Email Address:

Phone Number:

98. Is this person an acquaintance, friend or other person you know?

- Acquaintance
- Friend
- Other (please specify)

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99. Acquaintance / friend 4

Name:

Email Address:

Phone Number:

100. Is this person an acquaintance, friend or other person you know?

- Acquaintance
- Friend
- Other (please specify)

101. Acquaintance / friend 5

Name:

Email Address:

Phone Number:

102. Is this person an acquaintance, friend or other person you know?

- Acquaintance
- Friend
- Other (please specify)

30. Mental Health Module

This module comprises questions on mental health before and after the tornado.

Estimated time required: 9 minutes.

Tornado Alabama, April 27 2011

103. I will now ask you some questions related to your mental health and the trauma you may have experienced before and after the tornado. Many individuals who experience a tornado show anxiety, feel depressed or angry. To some extent, these symptoms are normal. Other individuals do not have any such symptoms, and sometimes symptoms are so severe that individuals want to receive some counseling. The questions will help us to know how people reacted psychologically to this tornado, and your answers will help to inform emergency response to future tornadoes. If you feel you want to receive mental health counselling I can provide you with a contact to a counseling service after these questions.

***104. Before the April 27, 2011 tornado, were you taking medicine or receiving treatment from a doctor or other health professional for any type of mental health condition or emotional problem?**

- Yes
- No
- Don't know
- Refused

***105. Before the April 27, 2011 tornado did a doctor or other healthcare provider EVER tell you that you have a psychiatric disorder (including acute stress disorder, depression, bipolar disorder, generalized anxiety disorder, obsessive-compulsive disorder, panic disorder, phobia, posttraumatic stress disorder, social anxiety disorder, or schizophrenia)?**

- Yes
- No
- Don't know
- Refused

***106. Did you experience the loss of or severe injury of an emotionally close person (e.g., a close relative or friend) due to the tornado?**

- Yes
- No
- Don't know / Refused

Tornado Alabama, April 27 2011

***107. Did you experience loss of a pet you were emotionally close to due to the tornado?**

- Yes
- No
- Don't know / Refused

***108. Did you experience loss of your home because it was destroyed?**

- Yes
- No
- Don't know

***109. Did you experience loss of your work because your worksite was destroyed?**

- Yes
- No
- Don't know

***110. Do you have a child who was in the path of the tornado?**

- Yes
- No
- Don't know

31.

***111. Was this child with you during the tornado?**

- Yes
- No
- Don't know

***112. Was this child injured during the tornado?**

- Yes
- No
- Don't know

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*113. Did the child wear a helmet?

- Yes
- No
- Don't know

*114. In the time period since the tornado....

	Yes	No	Don't know	Refused
Have you avoided being reminded of this experience by staying away from certain places, people or activities?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you lost interest in activities that were once important or enjoyable?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you felt more isolated or distant from other people?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you found it hard to have love or affection for other people?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you started to feel that there was no point in planning the future?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you had more trouble than usual falling asleep or staying asleep?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you become jumpy or easily startled by ordinary noises or movements?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*115. About how often during the past 30 days did you feel ...[INTERVIEWER: prompt answer]

	all of the time	most of the time	some of the time	a little of the time	none of the time	don't know / refuse
Nervous?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hopeless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Restless or fidgety?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
So depressed that nothing could cheer you up?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That everything was an effort?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worthless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Tornado Alabama, April 27 2011

116. Thank you very much for your participation in this survey. That was my last question. As already mentioned earlier-- If you want to receive some psychological counseling I can provide you with a contact to a counseling service. Would you like to have this information?

[INTERVIEWER: IF YES OR Don't know read Text 1, otherwise jump over this paragraph]

Text 1: "A contact you can reach 24/7 is Project Rebound. You can visit their website under www.projectrebound.org or call their phone number, which is 1-800-639-7326. This resource is free and available for emotional issues, financial problems, and personal problems following the tornadoes".

Finally, let me assure you one more time that your information will be used anonymously. Do you have any questions at this time? Should any further questions arise related to this study, please direct them to Thomas Niederkrotenthaler at vig1@cdc.gov, or by phone (770-488-4752). Thank you once more for your participation, your help is greatly appreciated. Have a good day / evening.

***117. [INTERVIEWER, please indicate the approximate length of this interview].**

Length

***118. Please check this box if this is a completed interview. If this is a practice interview, please close your browser now. Thank you!**

Completed interview.