

## Hurricane Ivan Response Questionnaire

Hello, my name is \_\_\_\_\_ and I'm calling on behalf of the Army Corps of Engineers and FEMA. I'm conducting a telephone survey of residents concerning experiences in Hurricane Ivan last year, so that we can improve hurricane evacuation plans for the future. May I please speak with the **(ROTATE)**:

1. Youngest male over 18
2. Oldest male
3. Youngest female over 18
4. Oldest female in your household?

My questions will only take a few minutes. Your responses are important to us so that we may have accurate information about hurricane preparedness. Before we begin, let me assure you everything you say will remain strictly confidential.

1. Were you at home, that is, not out of town, when **HURRICANE IVAN** began to threaten this area last year?  
1 Yes (**GO TO Q2**)  
2 No (**THANK AND TERMINATE**)  
3 Other (**THANK AND TERMINATE**)

**IF "NO," TERMINATE THE INTERVIEW BY RESPONDING "THANK YOU FOR YOUR TIME, BUT WE ARE LOOKING FOR PEOPLE WHO WERE IN THIS AREA AT THAT TIME. THANK YOU AGAIN. GOODBYE."**

2. Did you leave your home to go someplace safer in response to the threat created by Hurricane Ivan?  
1 Yes (**GO TO Q8**)  
2 No (**GO TO Q3**)  
9 Don't know (**THANK AND TERMINATE**)

3. What made you decide *not* to go anyplace else?

**(CATEGORIZE - PROBE UP TO 3) (THEN GO TO Q4)**

1. ☐ Forecast said storm would hit a different location
2. ☐ Officials seemed unsure whether evacuation was necessary
3. ☐ Heard conflicting messages from officials whether evacuation was necessary
4. ☐ Storm wasn't severe enough to pose a severe danger even if it hit
5. ☐ Location was on the weak (left) side of the storm
6. ☐ House is well built (strong enough to be safe in storm)
7. ☐ Home is elevated above the level of storm surge
8. ☐ Officials said evacuation was not necessary
9. ☐ Officials didn't say to evacuate
10. ☐ Media said evacuation wasn't necessary
11. ☐ Friend/relative said evacuation wasn't necessary
12. ☐ Probabilities indicated low chance of a hit
13. ☐ Other information indicated storm wouldn't hit
14. ☐ Had no place to go
15. ☐ Wanted to protect property from looters
16. ☐ Wanted to protect property from storm
17. ☐ Left unnecessarily in past storms
18. ☐ Job required staying
19. ☐ Waited too long to leave
20. ☐ Evacuation notice from officials came too late
21. ☐ Traffic too bad
22. ☐ Tried to leave, but returned home because of traffic
23. ☐ Too dangerous to evacuate because might get caught on road in storm
24. ☐ No place to take pets/Shelter would not accept pets
25. ☐ Concerned about being able to re-enter community after evacuating
26. ☐ Unable to re-enter area after evacuating in past storms
27. ☐ Had no transportation
28. ☐ Have household member who is elderly or has special needs
29. ☐ Other, specify: \_\_\_\_\_
30. ☐ Don't know
31. ☐ No second or third option.

4. **IF** Ivan had looked to you like it was going to hit your location directly, would you have left your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't Know/Depends
- 4 Other (Specify) \_\_\_\_\_

5. Were you ready, that is had you made the necessary preparations, to leave your home to go someplace safer if the threat had gotten worse?

- 1 Yes
- 2 No
- 3 Don't Know/Depends
- 4 Other (Specify) \_\_\_\_\_

6. Were you prepared to survive on your own for 3 days after the storm hit? (i.e., without electricity, telephones)

- 1 Yes
- 2 No
- 3 Don't Know/Depends
- 4 Other (Specify) \_\_\_\_\_

7. Did you feel safe staying in your home during the storm?

1 Yes

2 No

3 Don't Know/Depends

4 Other (Specify) \_\_\_\_\_

**IF ANSWERING Q7, SKIP TO Q35**

8. Did you go to a public shelter, a friend or relative's house, a hotel, or somewhere else? **(DO NOT READ OTHER OPTIONS)**

1 Public shelter (or Red Cross shelter)

2 Church

3 Friend/relative

4 Hotel

5 Workplace

6 Other, specify: \_\_\_\_\_

9 Don't know

9. Is that **(ANSWER FROM Q8)** located in your neighborhood or someplace else?

1 Neighborhood **(SKIP TO Q13)**

2 Somewhere else

9 Don't know

10. Is that **(ANSWER FROM Q8)** located in your county (parish for Louisiana)?

1 Yes **(SKIP TO Q13)**

2 No

9 Don't know

11. What state is that **(ANSWER FROM Q8)**

1 Florida

2 Georgia

3 Alabama

4 Louisiana

6 Other \_\_\_\_\_

9 Don't know

12. What city or town was that (specify)?

\_\_\_\_\_ 9 Don't know

13. Was that your original destination when you left your home or did you change your mind about where to go after leaving home?

1 Original destination

2 Changed mind after leaving home

9 Don't know

14. How long did it take you to get to your destination after leaving home? (specify in hours)

\_\_\_\_\_ 99 Don't know

15. About how long does that trip normally take, when there's not an evacuation going on?

99 Don't know

16. Approximately how far did you travel? (specify in miles)

99 Don't know

17. What convinced you to leave your home to go someplace safer? (**CATEGORIZE - PROBE UP TO 3**)

1. ☐ Advice or order by elected officials
2. ☐ Advice or order by public safety officials
3. ☐ Advice from National Weather Service
4. ☐ Advice/order from police officer or fire fighter
5. ☐ Advice from the media
6. ☐ Advice from friend or relative
7. ☐ Information about the severity of the storm
8. ☐ Concerned storm would cause home to flood
9. ☐ Concerned strong winds would make house unsafe
10. ☐ Concerned flooding would cut off roads
11. ☐ Concerned about loss of utilities because of family member with special needs
12. ☐ Concerned that storm might hit
13. ☐ Forecast indicated storm would hit
14. ☐ Forecast indicated storm could hit
15. ☐ Probability (odds) were high that the storm could hit
16. ☐ National Weather Service issued Hurricane Watch
17. ☐ National Weather Service issued Hurricane Warning
18. ☐ Concerned about possible tornados
19. ☐ Experience in other storms
20. ☐ Other, specify: \_\_\_\_\_
21. ☐ Don't know
22. No Second or third option.

18. I'm going to ask about **WHEN** you left your home to go someplace safer. To refresh your memory Ivan made landfall just west of Gulf Shores, Alabama around 3:00 in the morning on Thursday, September 16<sup>th</sup>.

On what day did you leave your home to go someplace safer?

- 1 Before the 12th
- 2 Monday, September 13th
- 3 Tuesday, September 14th
- 4 Wednesday, September 15th
- 5 Other \_\_\_\_\_
- 9 Don't know

- 18a. About what time on the (**REPEAT DATE**) did you leave? (**USE 1 HOUR INCREMENTS**)  
(**TAKE MIDPOINT**) (**99=DK**)

\_\_\_\_\_ Hour (**IF 99, SKIP TO Q19**)

- 18b. Was that AM or PM? (**NOTE: 12 O'CLOCK NOON = 12 PM**)  
(**NOTE: 12 O'CLOCK MIDNIGHT = 12 AM ON THE "NEW" DAY**)

- 1 AM (morning / or midnight until noon)
- 2 PM (afternoon / evening or noon until midnight)

19. How many vehicles were available in your household that you could have used to evacuate?  
 \_\_\_\_\_ Number of vehicles (**IF 0, GO TO Q20 ; OTHERWISE GO TO Q21**)  
**(9 = DK) (IF 1 OR MORE IN Q19, SKIP TO Q21) (8 =NA) (RECORD "0" IF NO VEHICLES ARE AVAILABLE)**
20. Did your household members leave in someone else's vehicle, did they use public transportation, or did you evacuate another way?  
1 Other's vehicles (**GO TO Q23**)  
2 Public transportation (**GO TO Q23**)  
3 Other, specify: \_\_\_\_\_ (**GO TO Q23**)  
9 Don't know (**GO TO Q23**)
21. How many vehicles did your household take in evacuating? (**9 = DK**) (**8 =NA**) (**RECORD "0" IF NO VEHICLES WERE TAKEN**)  
 \_\_\_\_\_ Number of vehicles
22. When you evacuated, did you take a motor home or pull a trailer, boat, or camper?  
1 Yes  
2 No  
3 Other, specify: \_\_\_\_\_  
9 Don't know
23. About how much time passed from the time you first decided to evacuate and when you actually left your home to go someplace safer?  
1 1 hour or less  
2 2 to 3 hours  
3 4 to 6 hours  
4 7 to 12 hours  
5 12 to 24 hours  
6 More than 24 hours  
7 Other \_\_\_\_\_  
9 Don't know

#### **Q24-30. LOUISIANA SAMPLE ONLY**

24. Contra-flow (reverse laning) was used for the first time during the Ivan evacuation. This involves turning the in-bound lanes around to make all out-bound lanes. Did the implementation of contra-flow affect your decision about evacuating?
- 1 Yes  
 2 No (**GO TO Q26**)  
 3 Didn't know about it  
 4 Evacuated before contra-flow was put into effect.

25. If contra-flow affected your decision, were you more likely to evacuate, or less likely?
- 1 More likely
  - 2 Less likely
  - 3 Don't know
26. Did you drive on contra-flow lanes during your evacuation?
- 1 Yes
  - 2 No (**GO TO Q28**)
  - 3 Don't know
27. If yes, did contra-flow improve traffic flow, or cause additional traffic problems?
- 1 Improved traffic flow
  - 2 Caused additional problems
  - 3 Don't know
28. Assuming contra-flow is used during the next evacuation, would you be more or less likely to evacuate?
- 1 More likely
  - 2 Less likely
  - 3 Don't know
29. In future evacuations you will likely be directed which evacuation routes to use. Will this make you more likely to evacuate early before contra-flow is implemented?
- 1 Yes
  - 2 No
  - 3 Don't know
30. Are you aware that the contra-flow plans have been revised to address the problems encountered during Ivan?
- 1 Yes
  - 2 No
31. Is there anything in particular that you think officials in your area should do to improve the evacuation information they provide to the public?
- 1 Yes
  - 2 No (**SKIP TO Q33**)
  - 9 Don't know (**SKIP TO Q33**)
32. What do you suggest that officials do to improve the information?
- 1 Issue information earlier
  - 2 Update information more frequently
  - 3 Be more specific about areas needing to evacuate
  - 4 More information about evacuation routes
  - 5 More information about shelters
  - 6 More information about transportation
  - 7 Improve dissemination of message (e.g., have police go door-to-door)
  - 8 Other \_\_\_\_\_

9 Don't know

33. How did you decide which route to take when you evacuated?

- 1 Used same route usually used when going to that destination
- 2 Followed recommendations of officials
- 3 Forced by officials to use that route
- 4 Only route that goes to that destination
- 5 Thought that would be fastest (or shortest or least congested)
- 6 Most familiar with that route
- 7 Tried one, changed because of traffic
- 8 Other\_\_\_\_\_
- 9 Don't know

34. After you got on the road during the evacuation, were you able to get the kind of information about traffic that you needed?

- 1 Yes
- 2 No
- 9 Don't know

35. About how much money did you spend per day on the evacuation, considering gas, lodging, food, and other expenses caused by having to evacuate?

- 1 Less than \$25 a day
- 2 \$25 to \$49 a day
- 3 \$50 to \$99 a day
- 4 \$100 to \$149 a day
- 5 \$150 to \$200 a day
- 6 More than \$200 a day
- 8 Other\_\_\_\_\_
- 9 Don't know

36. How many days were you away from home when you evacuated?

- 1 1 day or less
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 6 6 days
- 7 7 days
- 8 more than 1 week
- 9 Don't know

37. After the storm passed, was it easy to find information about how to get back into your community (e.g., which roads were open, whether people were being allowed back into their homes)?

- 1 Yes
- 2 No
- 9 Don't know

38. How did you find out about that kind of information?

- 1 TV

- 2 Radio
- 3 Newspaper
- 4 Word of mouth from friends or relatives
- 5 Phoned authorities (e.g., police, emergency management, mayor's office)
- 6 Internet
- 8 Other \_\_\_\_\_
- 9 Don't know

39. Did you take an evacuation supply kit with you when you left your home? (food, medicine, personal items, extra clothes)
- 1 Yes
  - 2 No (**SKIP TO Q42**)
  - 9 Don't know (**SKIP TO Q42**)
40. Did you already have it packed and ready before the storm or did you put it together just before leaving?
- 1 Already packed
  - 2 Packed just before leaving
  - 3 Had some things packed, added to it
  - 9 Don't know
41. Was it everything you needed or did you wish you had included some things you didn't?
- 1 Included everything needed
  - 2 Needed more
  - 9 Don't know
42. Would you do anything differently in the same situation again? (**CATEGORIZE**) (**PROBE UP TO 3**)
- 1.     Would evacuate
  - 2.     Wouldn't evacuate
  - 3.     Would leave earlier
  - 4.     Would wait later to leave
  - 5.     Would go further away
  - 6.     Wouldn't go as far away
  - 7.     Would go to public shelter
  - 8.     Wouldn't go to public shelter
  - 9.     Would use different route
  - 10.     No
  - 11.     Other, specify: \_\_\_\_\_
  - 12.     Don't know
  - 13.     No second or third option.
43. During the threat, did you hear either directly or indirectly anyone in an official position - such as elected officials, emergency management officials, or police - say that you and people in your location should evacuate to a safer place? That is, did state or local officials issue any kind of evacuation notice that applied to you that you were aware of before the storm had passed?
- 1 Yes (**GO TO Q437**)
  - 2 No (**GO TO Q49**)
  - 9 Don't know (**GO TO Q49**)
44. Did officials recommend that you should evacuate or did they say it was mandatory that you must evacuate?
- 1 Should
  - 2 Must



9 Don't know

45. Did police or other authorities come into your neighborhood going door-to-door or with loudspeakers, telling people to evacuate?

1 Yes  
2 No  
9 Don't know

46. How did you first hear about the evacuation notice for your location?

1 Radio/Television  
2 Word of Mouth (Friend/Relative/Neighbor)  
3 Police/Authorities Came Into Neighborhood with Loudspeakers  
4 Police/Authorities Came Into Neighborhood Door-to-Door  
5 Phone Call from Authorities  
6 Newspaper  
7 NOAA Weather Radio  
8 Other \_\_\_\_\_  
9 Don't know

47. Was the evacuation notice for your location issued early enough?

1 Yes  
2 No  
9 Don't know

48. Was the evacuation notice for your location useful to you? That is, was it clear about who it applied to and what they needed to do?

1 Yes  
2 No  
9 Don't know

49. Where you live, who is responsible for deciding whether or not people need to evacuate in a hurricane and issuing evacuation notices?

1 Mayor  
2 County or Parish Administrator  
3 Police/Sheriff  
4 Local Emergency Management Director  
5 Governor  
6 National Weather Service  
7 National Hurricane Center  
8 Other \_\_\_\_\_  
9 Don't know

50. We're interested in how you got most of your information about Ivan - where the storm was; when it was going to hit; how severe it was. I'm going to list a number of different ways you might have gotten information, and I'd like you to tell me whether you relied upon that source none at all (0), a little (1), a fair amount (2), or a great deal (3). **(READ & ROTATE)**

	Fair	Great
None	Little	Amount Deal

a	0	1	2	3	Local radio stations
b	0	1	2	3	Local television stations
c	0	1	2	3	CNN on cable
d	0	1	2	3	The Weather Channel on cable
e	0	1	2	3	Other cable stations
f	0	1	2	3	The Internet
g	0	1	2	3	Word of mouth

51. Did you or anyone in your household have to go to work while the Ivan evacuation was going on?
- 1 Yes (**GO TO Q52**)
- 2 No (**SKIP TO Q53**)
- 9 Don't Know (**SKIP TO Q53**)
52. How did that affect the way your household responded during the evacuation?
- 1 Not at all
- 2 Kept household from evacuating
- 3 Kept part of household from evacuating
- 4 Delayed at least part of household from evacuating
- 5 Other, \_\_\_\_\_
- 9 Don't Know
53. Were schools in your community closed early enough so that your family could evacuate in case you wanted to?
- 1 Yes
- 2 No
- 9 Don't Know
54. When you were deciding whether to leave your home to go someplace safer, how important in your decision was concern about damage from the hurricane's winds?
- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know
55. How important in your decision was concern about flooding from storm surge and waves?  
(**COASTAL COUNTIES ONLY**)
- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know
56. How important in your decision was concern about flooding from rainfall or rivers and streams?
- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know
57. How important in your decision was concern about damage from tornadoes?
- 1 Not important

- 2 Somewhat important
- 3 Very important
- 4 Don't know

58. How important in your decision were hurricane watches and warnings issued by the National Hurricane Center?

- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know

59. How important in your decision were things you heard or saw on your local television or radio stations?

- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know

60. In general, do you trust local television or radio stations in your community for weather information?

- 1 Yes
- 2 No
- 9 Don't know

61. When Ivan was threatening this area, did you seek any sort of weather information from your local National Weather Service office?

- 1 Yes
- 2 No
- 9 Don't know

62. As Ivan was approaching, did you see on television a map showing the track the hurricane was being forecast to follow and where it was expected to hit?

- 1 Yes
- 2 No (**SKIP TO Q65**)
- 9 Don't know (**SKIP TO Q65**)

63. Did the map have a line showing exactly where the storm was predicted to go or did it show a wider area, like a cone, saying the storm would go someplace in that larger area, but you couldn't tell exactly where?

- 1 Line
- 2 Cone
- 3 Both
- 9 Don't know

64. When you were deciding whether or not to evacuate your home and go someplace safer, how important to your decision was that map showing the forecast track?

- 1 Not important
- 2 Somewhat important
- 3 Very important
- 4 Don't know

65. I want you to think about a hurricane threatening this area with sustained winds over 155 MPH. That would make it a category 4 hurricane on the Saffir-Simpson scale, nearly a category 5 —what meteorologists would call a **very** dangerous hurricane. A category 1 on the scale is the weakest hurricane and a category 5 is the strongest possible. If a hurricane like that made landfall near your location with sustained winds of 155 MPH and then passed directly over your home, do you believe that your home would be flooded by storm surge, wave action, or river flooding severe enough to pose a threat to your safety if you stayed in your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
66. Considering both wind and water, do you think it would be safe for you to stay in your home if a hurricane hit near your location with winds of 155 MPH and then passed directly over your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
67. What if a hurricane with sustained winds of 125 MPH made landfall near your location and then passed directly over your home? That would be a category 3 hurricane, what meteorologists call a **major** hurricane. Do you believe that your home would be flooded by storm surge, wave action, or river flooding, severe enough to pose a threat to your safety if you stayed in your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
68. Considering both wind and water, do you think it would be safe for you to stay in your home if a hurricane hit near your location with sustained winds of 125 MPH and then passed directly over your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
69. Finally, what if a hurricane with sustained winds of 100 MPH made landfall near your location and then passed directly over your home? That would be a category 2 hurricane. Do you believe that your home would be flooded by storm surge, wave action, or river flooding severe enough to pose a threat to your safety if you stayed in your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
70. Considering both wind and water, do you think it would be safe for you to stay in your home if a hurricane hit near your location with sustained winds of 100 MPH and then passed directly over your home?
- 1 Yes  
2 No  
3 Don't Know/Depends
71. Before the beginning of last year's hurricane season, did you have any kind of window protection such as storm shutters, security film, or plywood sheets designed to protect the windows during a strong hurricane?

- 1 Yes (**GO TO Q72**)  
2 No (**SKIP TO Q73**)  
9 Don't Know/Not Sure (**SKIP TO Q73**)

72. What kind of protection was it?

- 1 Permanent roll-down metal panels  
2 Removable metal panels  
3 Plywood sheets  
4 Security Film  
5 Impact-resistant glass  
6 Other \_\_\_\_\_  
9 Don't Know/Not Sure

73. Do you have any window protection like that now?

- 1 Yes (**GO TO Q74**)  
2 No (**SKIP TO Q75**)  
9 Don't Know/Not Sure (**SKIP TO Q75**)

74. What kind of protection is it?

- 1 Permanent roll-down metal panels  
2 Removable metal panels  
3 Plywood sheets  
4 Security Film  
5 Impact-resistant glass  
6 Other \_\_\_\_\_  
9 Don't Know/Not Sure

75. Did you do anything to protect your house and property from Ivan?

- 1 Yes  
2 No (**SKIP TO Q79**)  
9 Don't Know/Not Sure (**SKIP TO Q79**)

76. Did you do things that will make your house and property more protected permanently in future storms or did you do temporary things that were just for Ivan?

- 1 Permanent  
2 Ivan only  
3 Both/Some of Each  
9 Don't Know/Not Sure

77. Did the things you did to protect your property affect your decision whether or not to evacuate? For example, maybe you didn't think you needed to evacuate because you already had made your house safe, or maybe you didn't have time to evacuate after getting all the protective actions done.

- 1 Yes, affected evacuation  
2 No, didn't affect evacuation  
9 Don't Know/Not Sure

78. Approximately how much money did you spend to protect your home and property from Ivan?

- 1 zero  
2 Less than \$100  
3 \$100 to \$500  
4 \$500 to \$1,000  
5 more than \$1,000  
9 Don't Know/Not Sure

79. All together, this year and in previous years, about how much have you spent on things like window protection or any other permanent changes to protect your current house and property from hurricanes?

- 1 zero  
2 Less than \$100  
3 \$100 to \$500  
4 \$500 to \$1,000  
5 \$1,000 to \$5,000  
6 \$5,000 to \$10,000

7 More than \$10,000  
9 Don't Know/Not Sure

80. Are you aware of any government programs in your community where they give you money to help pay for improvements to your house and property that would reduce your damage from hurricanes?

1 Yes  
2 No  
9 Don't Know/Not Sure

81. Were you laid off from work or lose your job because of Hurricane Ivan?

1 Yes  
2 No (**SKIP TO Q83**)  
9 Don't Know/Not Sure (**SKIP TO Q83**)

82. How long were you out of work?

1 Less than 1 week  
2 1 week  
3 2 weeks  
4 3 to 4 weeks  
5 5 to 6 weeks  
6 6 to 8 weeks  
7 more than 8 weeks  
8 still out of work  
9 Don't Know/Not Sure

83. Do you have any plans to move away from here to a place with fewer hurricanes?

1 Yes  
2 No  
9 Don't Know/Not Sure

84. Do you own a business of your own?

1 Yes  
2 No (**SKIP TO Q85**)  
9 Don't Know/Not Sure (**SKIP TO Q85**)

85. Do you have any plans to move your business away from here to a place with fewer hurricanes?

1 Yes  
2 No  
9 Don't Know/Not Sure

86. Is your home or building elevated on pilings or fill material to raise it above flood water?

1 Yes  
2 No  
9 Don't Know/Not Sure

87. Was your home damaged in Ivan?

1 Yes  
2 No (**SKIP TO Q90**)  
9 Don't Know/Not Sure (**SKIP TO Q90**)

88. How much damage, in dollars, did you experience in Ivan?

1 None  
2 Less than \$1,000  
3 \$1,000 to \$4,999  
4 \$5,000 to \$9,999  
5 \$10,000 to \$24,999  
6 \$25,000 to \$49,999  
7 \$50,000 or more  
8 Don't Know/Refused

89. What was the most damage, in dollars, you've ever experienced to your property as the result of ANY hurricane?

- 1 None
- 2 Less than \$1,000
- 3 \$1,000 to \$4,999
- 4 \$5,000 to \$9,999
- 5 \$10,000 to \$24,999
- 6 \$25,000 to \$49,999
- 7 \$50,000 or more
- 8 Don't Know/Refused

90. Before the summer of 2004, had you ever experienced a major hurricane?

- 1 Yes
- 2 No
- 9 Don't Know/Not Sure

91. Would you say that you experienced a major hurricane in 2004?

- 1 Yes
- 2 No
- 9 Don't Know/Not Sure

92. When does the National Hurricane Center issue a Hurricane Warning?

- 1 12 hours before expected landfall
- 2 24 hours before expected landfall
- 3 36 hours before expected landfall
- 9 Don't Know/Not Sure

93. When does the National Hurricane Center issue a Hurricane Watch?

- 1 12 hours before expected landfall
- 2 24 hours before expected landfall
- 3 36 hours before expected landfall
- 9 Don't Know/Not Sure

**NOW WE HAVE JUST A FEW MORE QUESTIONS FOR BACKGROUND PURPOSES ONLY.**

94. Which of the following types of structures do you live in? Do you live in a: **(READ)**

- 1 Detached single family home? **(GO TO Q95)**
- 2 Duplex, triplex, quadraplex home? **(SKIP TO Q99)**
- 3 Multi-family building -- 4 stories or less? (Apartment/condo) **(SKIP TO Q99)**
- 4 Multi-family building -- more than 4 stories (Apartment/condo) **(SKIP TO Q99)**
- 5 Mobile home **(SKIP TO Q96)**
- 6 Manufactured home **(SKIP TO Q96)**
- 7 Some other type of structure **(SKIP TO Q99)**
- 8 Don't Know **(SKIP TO Q99)**
- 9 Refused **(SKIP TO Q99)**

**IF ANSWER IS DETACHED SINGLE FAMILY, GO TO Q 95**

**IF ANSWER IS MOBILE HOME OR MANUFACTURED HOUSE, GO TO Q96**

**OTHERWISE, GO TO Q99**

95. Which of the following materials is your home mostly made of?

- 1 Wood

- 2 Brick  
3 Cement block  
4 Other (specify) \_\_\_\_\_  
9 Don't Know

**IF ANSWERING Q90, SKIP TO Q99**

96. Is your Mobile or Manufactured home built to the stronger wind standards they started using in 1993?
- 1 Yes (**SKIP TO Q99**)  
2 No (**SKIP TO Q99**)  
3 Don't Know (**GO TO Q98**)
97. In what year did you buy your Mobile Home or Manufactured House? (**2222=Don't Know**)
- \_\_\_\_\_
98. Was it new when you bought it?
- 1 Yes  
2 No  
3 Don't Know
99. How old were you on your last birthday?
- \_\_\_\_\_ Number of years (**99 = DK**) (88=REFUSED)
100. How long have you lived in your present home? (**ROUND UP**) (**99 = DK**) (88=REFUSED)
- \_\_\_\_\_ Number of years
101. How long have you lived in this area of Florida?
- (**ROUND UP**) (**99 = DK**) (88=REFUSED)
- \_\_\_\_\_ Number of years
102. How many people live in your household, including yourself? (**99 = DK**) (88=REFUSED)
- \_\_\_\_\_ Number of people (**IF 1, SKIP TO Q105**)
103. How many of these are children, 17 or younger? (**99 = DK**) (88=REFUSED)
- \_\_\_\_\_ Number of children
104. How many of these are 80 years old or older?
- \_\_\_\_\_ Number of people 80 or older
105. Do you own your home or rent?
- 1 Own  
2 Rent  
3 Other
106. Do you have any pets?
- 1 Yes  
2 No (**SKIP TO Q108**)



9 Refused (**SKIP TO Q108**)

107. Did that affect your household's decision about whether or not to evacuate in Ivan?

1 Yes

2 No

3 Other \_\_\_\_\_

108. Does anyone in your household require assistance from an agency in order to evacuate or require any sort of special care in a shelter?

1 Yes

2 No (**SKIP TO Q111**)

9 Don't know (**SKIP TO Q111**)

109. Do they require transportation assistance from an agency, special care in a shelter, or both?

1 Transportation

2 Shelter care

3 Both

4 Other, specify: \_\_\_\_\_

9 Don't know

110. Did that affect your household's decision about whether or not to evacuate in Ivan?

1 Yes

2 No

3 Other \_\_\_\_\_

111. Which race or ethnic background best describes you? (**READ**)

1 African American or Black

2 White or Caucasian

3 Hispanic

4 Asian

5 American Indian

6 Other

9 Refused

112. Which of the following ranges best describes your total household income for 2004? (**READ**)

1 Less than \$15,000

2 \$15,000 to \$24,999

3 \$25,000 to \$39,999

4 \$40,000 to \$79,999

5 Over \$80,000

9 Refused

113. Which category best describes your education level? (**READ**)

1 Some high school

2 High school graduate

3 Some college

4 College graduate

5 Post graduate

9 Refused

114. What is your zipcode?

115. Finally, I'd like to read you a list of subjects related to hurricanes and ask you if you would like to know more about any of them.

	Yes	No
Insurance	_____	_____
Safe rooms	_____	_____
Sheltering in place	_____	_____
Roadway information	_____	_____
Evacuation routes	_____	_____
Vulnerability	_____	_____
Mitigation techniques	_____	_____
Shelters	_____	_____

116. What is your zipcode? \_

**Thank you so much. Sometimes my supervisor will call people to check on my work. May I get your first name in case she wants to check?**

rname.

### **RECORD INTERVIEW INFORMATION ON RESPONDENT DISPOSITION SHEET**

vgender. Sex of respondent   1   Male   2   Female

viname. Interviewer ID

vdate. Date of survey

vtele. Phone number

vcounty. County or Parish

vcoastal. Coastal or non-coastal county

vrisk. Risk zone

1=Cat 1

2=Other surge

3=Non-surge

vzip. zip code