

**NY State Hurricane Evacuation Questionnaire  
4-27-17**

Hello, I'm calling from Downs and St. Germaine Research. We're doing a survey for the Philadelphia District Army Corps of Engineers. The survey is to find out what government can do to better plan for your safety during hurricanes. We have worked with \_\_\_\_\_ County emergency management officials to ensure that the questions address issues of local importance, and responses to the survey will provide essential information to be used in the preparation of hurricane evacuation plans for \_\_\_\_\_ County.

**Q1.** All responses will remain strictly confidential, and you may refuse to answer any question or end the survey at any time. Would you be willing to participate?

[Use as necessary: DO NOT READ

\* This is not a sales call, we are only interested in your opinion

\* Tell them to contact Joseph St. Germaine, at (800) 564-3182, Jay Baker, Principal Investigator, at (850)-668-0977, or \_\_\_\_\_ (USACE Contact) if they have any questions.

1 YES - [Skip-2]

2 NO - [No Skip]

**Q2.** Are you sure? We would very much appreciate your help. Your answers will help your local community better prepare for hurricanes.

1 - Continue.

2 - [THANKS - END]

\* For responders who decline to participate, ask for the primary reason for declining, using the question below, and then request a response to three demographic questions: Q138, Q144, Q146.

\* "We have found that in studies of this type that people have a lot of different reasons for electing not to participate. Understanding the reasons for non-participation will help us to improve future survey approaches. Which of the following statements best describes your reason for electing not to participate?"

1 I do not have time to answer the questions.

2 I am not interested in the study or its outcome.

3 Objected to the way a question (or questions) was asked.

4 Other. \_\_\_\_\_

**Q.3** Do you live at this residence year-round?

1 Yes

2 No

3 Other

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 5]

**Q.4** Do you live here at least part of the time during the summer or fall?

1 Yes

2 No

3 Other

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 151]

**Q.5** Were you living in this location and at home, that is, not out of town, when Hurricane **Sandy** began to threaten this area in 2011?

1 Yes

2 No

3 Don't know/other

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 19]

Q.6 Did you leave your home to go someplace safer in response to the approach Hurricane **Sandy**?

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

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 16]

Q.7 Did you go to:

Read first 3 choices, then read "or someplace else?"

[READ ANSWERS IN RANDOM ORDER, EXCEPT THE LAST 2]

- 1 Public hurricane shelter
- 2 Friend/relative
- 3 Hotel/motel
- 4 Workplace
- 5 Church
- 6 Other
- 7 Don't know

Q.8 Where was that located? (READ)

- 1 Your own neighborhood
- 2 Someplace else in your own town/community
- 3 Someplace else in \_\_\_\_\_ **COUNTY**
- 4 Someplace outside \_\_\_\_\_ **COUNTY**
- 5 [DO NOT READ] Don't know

[IF THE ANSWER IS 1 2 OR 5, THEN SKIP TO QUESTION 11]

Q.9 In what town or city was that located?

(If they cannot name a specific town or city, WRITE "Not sure")

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Q.10 In what state was that located?

- 1 New York
- 2 New Jersey
- 3 Connecticut
- 4 Other (SPECIFY IN Q.10A)
- 0 Don't know

Q.10a \_\_\_\_\_

Q.11 Why did you go to that particular place? (CHECK ALL THAT APPLY)

- 1 Safety – Well constructed
- 2 Safety – Won't flood
- 3 Near home
- 4 Near public transit route
- 5 Familiar with location/routes
- 6 Used it in the past
- 7 Free
- 8 Comfort
- 9 Facilities (e.g., water, restrooms, bedding)
- 10 Accommodations for Special Needs (e.g., medical equipment, wheelchair access)
- 11 Parking
- 12 Social/Family considerations
- 13 Don't know

14 Other (SPECIFY IN Q.11A)

Q.11a \_\_\_\_\_

Q.12 What mode of transportation did you use? (Check all that apply)

- 1 Own vehicle
- 2 Passenger in friend/relative's vehicle
- 3 Subway
- 4 Bus
- 5 Taxi
- 6 Ferry
- 7 Walk/bicycle
- 8 Long Island Railroad (LIRR)
- 9 Don't know/depends
- 0 Other (SPECIFY IN Q.12A)

Q.12a \_\_\_\_\_

Q.13 During the threat from Sandy, 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
- 2 No
- 3 Don't know

[IF THE ANSWER IS 2-3, AND...]

[IF THE ANSWER TO QUESTION 6 IS 1, THEN SKIP TO QUESTION 15]

[IF THE ANSWER IS 2-3, AND...]

[IF THE ANSWER TO QUESTION 6 IS 2-3, THEN SKIP TO QUESTION 16]

Q.14 During Hurricane **Sandy**, did officials recommend that you should evacuate or did they say it was mandatory that you must evacuate?

- 1 Should
- 2 Must
- 3 Don't know

[IF THE ANSWER TO QUESTION 6 IS 2-3, THEN SKIP TO QUESTION 16]

Q.15 What was the main reason that you evacuated your home to go someplace safer in Hurricane **Sandy**?  
DO NOT READ (Probe up to 3)

- 1 Concern about storm surge or waves
- 2 Concern about wind
- 3 Concern about river flooding
- 4 Home not well built/Home at low elevation
- 5 Officials said evacuate
- 6 Forecast track
- 7 Size of storm
- 8 National Hurricane Center wind probability
- 9 National Hurricane Center storm surge probability
- 10 National Hurricane Center hurricane watch/warning
- 11 National Hurricane Center forecast cone
- 12 Local National Weather Service warnings/advisories
- 13 Local media weather information/forecast
- 14 Local media other information
- 15 National media weather information/forecast
- 16 National media other information
- 17 Friend or family member insisted
- 18 Concern about loss of electricity or water
- 19 Concern about isolation after storm
- 20 Past experience/impacts from past storm(s)

- 21 Don't know
- 22 Other (SPECIFY IN Q.15A)

Q.15a \_\_\_\_\_

[IF THE ANSWER TO QUESTION 6 IS 1, THEN SKIP TO QUESTION 17]

Q.16 What was the main reason you didn't evacuate your home when Hurricane **Sandy** approached?  
DO NOT READ (Probe up to 3)

- 01 Home would not flood
- 02 Home is well built
- 03 Storm was not strong
- 04 Did not expect the storm to hit
- 05 Did not hear officials say to evacuate
- 06 Not located in area told to evacuate
- 07 Past experience in Hurricane Irene
- 08 Concern about looting
- 09 Concern about traffic
- 10 No transportation
- 11 No place to go
- 12 Couldn't afford it
- 13 Job
- 14 Medical condition
- 15 Pet
- 16 Shelter conditions (crowding, etc.)
- 17 Services at shelters (medical needs, handicap access, food, etc.)
- 18 No Hurricane Warning
- 19 Not a Hurricane
- 20 Waited too long
- 21 Other member of household would/could not evacuate
- 22 Don't know
- 23 Other (SPECIFY IN Q.16A)

Q.16a \_\_\_\_\_

Q.17 Thinking back on your evacuation decisions when Hurricane **Sandy** approached, would you do anything differently in the SAME situation again?

- 1 Yes
- 2 No
- 3 Don't know/not sure

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 19]

Q.18 What would you do differently? (CATEGORIZE) (PROBE UP TO 3)

- 01 Would evacuate
- 02 Wouldn't evacuate
- 03 Would leave earlier
- 04 Would leave later
- 05 Would go farther away
- 06 Wouldn't go as far away
- 07 Would go to public shelter
- 08 Wouldn't go to public shelter
- 09 Would take public transportation
- 10 Wouldn't take public transportation
- 11 Would take different route
- 12 Would help a family member with special needs
- 13 Don't know
- 14 Other (SPECIFY IN Q.18A)

Q.18a \_\_\_\_\_

Q.19 Have you ever seen a map of your community showing areas that would need to evacuate in case of a hurricane?

- 1 Yes
- 2 No
- 3 Don't know/not sure

Q.20 Do you have access to the Internet so you could look up information about hurricanes?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF ANSWER TO Q.20 IS 2 OR 3, SKIP TO Q.24]

Q.21 Have you ever visited the \_\_\_\_\_ **COUNTY** website to look up information about hurricanes?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.22 Do you have internet access on a smartphone or other mobile device?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.23 Do you use social media such as Facebook or Twitter?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.24 If a hurricane were threatening \_\_\_\_\_ **COUNTY** and you were looking for information to help you decide whether to leave your home to go someplace safer, how much would you rely on each of the following? Would you expect to depend a great deal, a fair amount, very little, or not at all? (READ)

	Not at All	Very Little	A Fair Amount	A Great Deal
a. The Weather Channel	1	2	3	4
b. National or Cable News	1	2	3	4
c. Local Television News	1	2	3	4
e. Newspapers	1	2	3	4
f. Radio	1	2	3	4
g. _____ <b>COUNTY</b> Website	1	2	3	4
h. News or Weather Websites	1	2	3	4
i. Social Media	1	2	3	4
j. Personal Contacts with Friends and Family	1	2	3	4
k. Local Authorities Making Announcements with Loudspeakers	1	2	3	4
l. Telephone Notification by Local Officials	1	2	3	4
m. Notification App on Phone	1	2	3	4

Q.25 In past hurricane threats, are there information sources that you didn't have but that would have helped you in your decision to evacuate if you had them?

- No
- Yes (SPECIFY) \_\_\_\_\_
- Don't Know

Q.26 \_\_\_\_\_ **COUNTY** and local officials have identified areas from which people would need to evacuate in certain hurricanes. Do you live in an area that would need to evacuate in certain hurricanes?

- 1 Yes

- 2 No
- 3 Don't know/not sure

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 28]

FOR SUFFOLK:

Q.27A Do you live in?

- 1 Zone 1
- 2 Zone 2
- 3 Zone 3
- 4 Zone 4
- 9 Don't know/not sure

FOR NASSAU:

Q.27B Do you live south of Route 27/Sunrise Highway?

- 1 Yes
- 2 No
- 9 Don't know/not sure

FOR WESTCHESTER:

Q.27C For which category of hurricane would you need to evacuate?

- 1 Category 1
- 2 Category 2
- 3 Category 3
- 4 Category 4
- 9 Don't know/not sure

Q.28 **DELETED**

Q.29 What is the main reason for saying that people need to evacuate from those locations in certain hurricanes? That is, what is the basis for identifying evacuation zones?

- 1 Flooding from storm surge or waves
- 2 Flooding from rainfall
- 3 Wind
- 4 Loss of water and electricity
- 5 Isolation from emergency services
- 6 Insurance company says so
- 7 Other (SPECIFY in Q29A)
- 8 Don't know/not sure

Q.29a \_\_\_\_\_

Q.30 Let's talk about how you might be affected by hurricanes. Hurricanes are put into categories ranging from 1 to 5, based on the strength of their winds, with Category 1 being the least strong and Category 5 being the strongest.

Q.31 A hurricane with winds of 85 MPH would be a category 1 and it could cause a storm surge that would flood certain areas. If a category 1 hurricane with 85 MPH winds passed directly over your location do you believe storm surge or waves would reach your home and cause flooding severe enough to pose a serious danger to your safety?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.32 Considering both wind from the hurricane as well as flooding, do you think it would be safe for you to stay in your home or building if a category 1 hurricane with 85 MPH winds passed directly over your location?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.33 In a hurricane like that, do you think town or county officials would issue an evacuation notice saying you should leave your home and go someplace safer? That is, would they tell you to evacuate?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR SUFFOLK:

Q.34A Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living in **Evacuation Zone 1** in your town or county **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 36]

Q.35A Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living in **Evacuation Zone 1** in your town or county **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR NASSAU:

Q.34B Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living **south of Sunrise Highway (Route 27)** in your town or county **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 36]

Q.35B Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living **south of Sunrise Highway (Route 27)** in your town or county **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR WESTCHESTER:

Q.34C Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that people living in areas of your community that could be affected by flooding caused by a category 1 hurricane **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 36]

Q.35C Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that people living in areas of your community that could be affected by flooding caused by a category 1 hurricane **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

(Q'S 35D-35J ARE LABELED TEMPORARILY. PERMANENT NUMBERS WILL BE ASSIGNED LATER WHEN ALL QUESTION REVISIONS ARE COMPLETE.)

Q.35D If you DID evacuate, would you go to: Read first 3 choices, then read "or someplace else?"

[READ ANSWERS IN RANDOM ORDER, EXCEPT THE LAST 3]

- 1 Public hurricane shelter
- 2 Friend or relative
- 3 Hotel/motel
- 4 Depends/don't know
- 5 None of the above; insists would not evacuate
- 6 Other place

[IF THE ANSWER IS 4-5, SKIP TO Q.36]

Q.35E Where would that be located? (READ)

- 1 Your own neighborhood
- 2 Someplace else in your own town/community
- 3 Someplace else in \_\_\_\_\_ COUNTY
- 4 Someplace outside \_\_\_\_\_ COUNTY
- 5 [DO NOT READ] Don't know

[IF THE ANSWER IS 1 OR 2 OR 5, SKIP TO Q.35J]

Q.35F In what city or town would that be located?

(If they cannot name a specific town or city, WRITE "Not sure")

Q.35G \_\_\_\_\_

Q.35H In what state is that located?

- 1 New York
- 2 New Jersey
- 3 Connecticut
- 4 Other (SPECIFY IN Q.35I)
- 5 Don't know

Q.35I \_\_\_\_\_



Q.35J Why would you go to that particular place?

- 1 Safety – Well constructed
- 2 Safety – Won't flood
- 3 Near home
- 4 Near public transit route
- 5 Familiar with location/routes
- 6 Used it in the past
- 7 Free
- 8 Comfort
- 9 Facilities (e.g., water, restrooms, bedding)
- 10 Accommodations for Special Needs (e.g., medical equipment, wheelchair access)
- 11 Parking
- 12 Social/Family considerations
- 20 Don't know
- 21 Other (SPECIFY IN Q.35K)

Q.35K \_\_\_\_\_

Q.36 A hurricane with winds of 100 MPH would be a category 2 and it could cause a storm surge that would flood certain areas. If a category 2 hurricane with 100 MPH winds passed directly over your location, do you believe storm surge or waves would reach your home and cause flooding severe enough to pose a serious danger to your safety?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.37 Considering both wind from the hurricane as well as flooding, do you think it would be safe for you to stay in your home or building if a category 2 hurricane with 100 MPH winds passed directly over your location?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.38 In a hurricane like that, do you think town or county officials would issue an evacuation notice saying you should leave your home and go someplace safer? That is, would they tell you to evacuate?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR SUFFOLK:

Q.39A Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living in **Evacuation Zones 1 and 2** in your community **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 41]

Q.40A Suppose that in a storm like that, town or county officials issued a **mandatory** evacuation notice saying that everyone living in **Evacuation Zones 1 and 2** in your community **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR NASSAU:

Q.39B Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living **south of Sunrise Highway (Route 27)** in your town or county **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 41]

Q.40B Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living **south of Sunrise Highway (Route 27)** in your town or county **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR WESTCHESTER:

Q.39C Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that people living in areas of your community that could be affected by flooding caused by a category 2 hurricane **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 41]

Q.40C Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that people living in areas of your community that could be affected by flooding caused by a category 2 hurricane **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.41 If you DID evacuate, would you go to: Read first 3 choices, then read "or someplace else?"

[READ ANSWERS IN RANDOM ORDER, EXCEPT THE LAST 3]

- 1 Public hurricane shelter
- 2 Friend or relative
- 3 Hotel/motel
- 4 Depends/don't know
- 5 None of the above; insists would not evacuate
- 6 Other place

[IF THE ANSWER IS 4-5, SKIP TO Q.46]

Q.42 Where would that be located? (READ)

- 1 Your own neighborhood
- 2 Someplace else in your own town/community
- 3 Someplace else in \_\_\_\_\_ COUNTY
- 4 Someplace outside \_\_\_\_\_ COUNTY
- 5 [DO NOT READ] Don't know

[IF THE ANSWER IS 1 OR 2 OR 5, SKIP TO Q.45]

Q.43 In what city or town would that be located?

(If they cannot name a specific town or city, WRITE "Not sure")

Q.43a \_\_\_\_\_

Q.44 In what state is that located?

- 1 New York
- 2 New Jersey
- 3 Connecticut
- 4 Other (SPECIFY IN Q.44A)
- 5 Don't know

Q.44a \_\_\_\_\_

Q.45 Why would you go to that particular place?

- 1 Safety – Well constructed
- 2 Safety – Won't flood
- 3 Near home
- 4 Near public transit route
- 5 Familiar with location/routes
- 6 Used it in the past
- 7 Free
- 8 Comfort
- 9 Facilities (e.g., water, restrooms, bedding)
- 10 Accommodations for Special Needs (e.g., medical equipment, wheelchair access)
- 11 Parking
- 12 Social/Family considerations
- 20 Don't know
- 21 Other (SPECIFY IN Q.45A)

Q.45a \_\_\_\_\_

Q.46 A hurricane with winds of 125 MPH would be a category 3 and it could cause a storm surge that would flood certain areas. If a category 3 hurricane with 125 MPH winds passed directly over your location, do you believe storm surge or waves would reach your home and cause flooding severe enough to pose a serious danger to your safety?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.47 Considering both wind from the hurricane as well as flooding, do you think it would be safe for you to stay in your home or building if a category 3 hurricane with 125 MPH winds passed directly over your location?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.48 In a hurricane like that, do you think town or county officials would issue an evacuation notice saying you should leave your home and go someplace safer? That is, would they tell you to evacuate?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR SUFFOLK:

Q.49A Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living in **Evacuation Zones 1, 2, and 3** in your community **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 51]

Q.50A Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living in **Evacuation Zones 1, 2, and 3** in your community **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR NASSAU:

Q.49B Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living **south of Sunrise Highway (Route 27)** in your town or county **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 51]

Q.50B Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living **south of Sunrise Highway (Route 27)** in your town or county **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR WESTCHESTER:

Q.49C Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that people living in areas of your community that could be affected by flooding caused by a category 3 hurricane **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 51]

Q.50C Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that people living in areas of your community that could be affected by flooding caused by a category 3 hurricane **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.51 A hurricane with winds of 140 MPH would be a category 4 and it could cause a storm surge that would flood certain areas. If a category 4 hurricane with 140 MPH winds passed directly over your location, do you believe storm surge or waves would reach your home and cause flooding severe enough to pose a serious danger to your safety?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.52 Considering both wind from the hurricane as well as flooding, do you think it would be safe for you to stay in your home or building if a category 4 hurricane with 140 MPH winds passed directly over your location?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.53 In a hurricane like that, do you think town or county officials would issue an evacuation notice saying you should leave your home and go someplace safer? That is, would they tell you to evacuate?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR SUFFOLK:

Q.54A Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living in **Evacuation Zones 1, 2, 3, and 4** in your community **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 57]

Q.55A Suppose that in a storm like that, town or county officials issued a **mandatory** evacuation notice saying that everyone living in **Evacuation Zones 1, 2, 3, and 4** in your community **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR NASSAU:

Q.54B Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that everyone living **south of Sunrise Highway (Route 27)** in your town or county **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 57]

Q.55B Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that everyone living **south of Sunrise Highway (Route 27)** in your town or county **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

FOR WESTCHESTER:

Q.54C Suppose that town or county officials issued an evacuation notice in a storm with those characteristics, recommending that people living in areas of your community that could be affected by flooding caused by a category 4 hurricane **should** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 57]

Q.55C Suppose that in a storm like that town or county officials issued a **mandatory** evacuation notice saying that people living in areas of your community that could be affected by flooding caused by a category 4 hurricane **must** evacuate their homes and go to a safer location. In that case, would you leave your home to go someplace safer?

- 1 Yes
- 2 No
- 3 Don't know/depends

Q.56 BLANK

Q.57 Would you go to: Read first 3 choices, then read "or someplace else?"

[READ ANSWERS IN RANDOM ORDER, EXCEPT THE LAST 3]

- 1 Public hurricane shelter
- 2 Friend or relative
- 3 Hotel/motel
- 4 Depends/don't know
- 5 None of the above; insists would not evacuate
- 6 Other place

[IF THE ANSWER IS 4-5, SKIP TO Q.62]

Q.58 Where would that be located? (READ)

- 1 Your own neighborhood
- 2 Someplace else in your own town/community
- 3 Someplace else in \_\_\_\_\_ **COUNTY**
- 4 Someplace outside \_\_\_\_\_ **COUNTY**
- 5 [DO NOT READ] Don't know

[IF THE ANSWER IS 1 OR 2 OR 5, SKIP TO Q.61]

Q.59 In what city or town would that be located?

(If they cannot name a specific town or city, WRITE "Not sure")

Q.59a \_\_\_\_\_

Q.60 In what state is that located?

- 1 New York
- 2 New Jersey
- 3 Connecticut
- 4 Other (SPECIFY IN Q.60A)
- 0 Don't know

Q.60a \_\_\_\_\_

Q.61 Why would you go to that particular place?

- 1 Safety – Well constructed
- 2 Safety – Won't flood
- 3 Near home
- 4 Near public transit route
- 5 Familiar with location/routes
- 6 Used it in the past
- 7 Free
- 8 Comfort
- 9 Facilities (e.g., water, restrooms, bedding)
- 10 Accommodations for Special Needs (e.g., medical equipment, wheelchair access)
- 11 Parking
- 12 Social/Family considerations
- 20 Don't know
- 21 Other (SPECIFY IN Q.61A)

Q.61a \_\_\_\_\_

#### QUESTIONS 62-93 BLANK

Q.94 Public safety officials encourage evacuees to stay with friends or relatives in locations outside the areas being told to evacuate. Do you have friends or relatives in safe locations with whom you could stay in an evacuation if necessary?

- 1 Yes
- 2 No
- 3 Don't know/depends
- 4 Other

Q.95 If you evacuated, what mode of transportation would you use? (Check all that apply)

- 1 Own vehicle
- 2 Passenger in friend/relative's vehicle
- 3 Subway
- 4 Bus
- 5 Taxi
- 6 Ferry
- 7 Walk/bicycle
- 8 Long Island Railroad (LIRR)
- 9 Don't know/depends
- 0 Other (SPECIFY IN Q95A)

Q.95a \_\_\_\_\_

Q.96 How many vehicles would be available in your household that you could use to evacuate?

(33 = DK) (Record "0" if no vehicles are available)

Number of vehicles ..... \_\_\_\_

[IF THE ANSWER IS 0, THEN SKIP TO QUESTION 99]

Q.97 How many vehicles would your household take if you evacuated?

(33 = DK) (Record "0" if no vehicles are available)

Number of vehicles ..... \_\_\_\_

Q.98 If you evacuated, would you take a motor home or pull a trailer, boat, or camper?

- 1 Yes
- 2 No
- 3 Don't know
- 4 Other

Q.99 After leaving home in an evacuation, what information sources would you expect to rely on to navigate to your destination?  
(PROBE – RECORD UP TO 3)

- 1 Local media news/traffic reports
- 2 Transit agency websites/mobile apps
- 3 GPS/mobile map apps
- 4 Road signage
- 5 On-board transit announcements
- 6 \_\_\_\_\_ **COUNTY** OEM website
- 7 Social media
- 8 Personal contact with friends/family
- 9 Don't know
- 10 Other

Q.100 Have you ever seen road signs identifying evacuation routes in \_\_\_\_\_ **COUNTY**?

- 1 Yes
- 2 No
- 3 Not sure

Q.101. During Hurricane Irene or Hurricane Sandy, did you hear any advisories from government officials, community leaders, or the news media to follow evacuation route signs?

- 1 Yes
- 2 No
- 3 Not sure

Q.102 If you had to evacuate from your home due to a hurricane, would you use evacuation route road signs to get to a safe location?

- 1 Yes
- 2 No
- 3 Not sure

Q.103 Do you or other members of your household have a disability that would make it impossible to evacuate without assistance from another person?

- 1 Yes
- 2 No
- 3 Not sure

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 111]

Q.104 What is the type of disability or medical condition that would require assistance? (CHECK ALL THAT APPLY)



- 1 Vision
- 2 Mobility (e.g., wheel chair)
- 3 Hearing
- 4 Speech
- 5 Breathing (e.g., oxygen tank)
- 6 Mental/emotional
- 7 Kidney dialysis
- 8 Don't know
- 9 Other
- 10 Don't know
- 11 Other (SPECIFY IN Q.104A)

Q.104a \_\_\_\_\_

Q.105 Would you or that person require specialized transportation?

- 1 Yes
- 2 No
- 4 Not sure
- 5 Other

Q.106 Would you or that person require specialized medical care or medical equipment while traveling from the evacuation zone?

- 1 Yes
- 2 No
- 4 Not sure
- 5 Other

Q.107 Would that assistance be provided by someone within your household, a government agency, a private organization, or by a friend or relative?

- 1 Within household
- 2 Friend/relative (outside)
- 3 Government agency
- 4 Private organization
- 5 Don't know
- 6 Other

Q.108 Is that person registered with a government agency such as the \_\_\_\_\_ County Special Needs Registry or community service group as a person who would have special or functional needs or access assistance during an evacuation?

- 1 Yes
- 2 No
- 3 Don't know/not sure

Q.109 Would you or that person require specialized medical care or medical equipment while evacuated away from home?

- 1 Yes
- 2 No
- 4 Not sure
- 5 Other

Q.110 Would the disability described previously prevent you or that person from traveling to a public shelter?

- 1 Yes
- 2 No
- 4 Not sure
- 5 Other

Q.111 Would the disability described previously prevent you or that person from using a public shelter near your home?

- 1 Yes
- 2 No
- 4 Not sure
- 5 Other

Q.112 Are there public hurricane shelters in your community that are able to accommodate any special medical needs you or that person has?

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

Q.113 Do you and your family currently have a specific plan for deciding whether to evacuate if a hurricane threatens?

- 1 Yes
- 2 No
- 3 Not very definite
- 4 Don't know
- 5 Other

Q.114 Do you and your family currently have a specific plan for deciding where to go if you do evacuate?

- 1 Yes
- 2 No
- 3 Not very definite
- 4 Will not evacuate
- 4 Don't know
- 5 Other

Q.115 Do you have a "go-bag" already prepared containing items that you would need to take with you if you evacuated?

- 1 Yes
- 2 No
- 3 Don't Know

[IF ANSWER IS 2, SKIP TO Q117]

Q.116 Why do you have a "go-bag"?

- 1 Emergency preparedness campaign
- 2 Saw it on TV, other media
- 3 Past experience
- 4 Heard about it from friend/relative
- 5 Seemed like a good idea
- 6 Don't Know
- 7 Other

Q.117 Why don't you have a "go-bag"?

- 1 Never thought of it
- 2 Too much trouble
- 3 Past experience
- 4 Could put one together quickly if needed
- 5 Won't evacuate
- 6 Too expensive
- 7 Don't Know

Q.118 Are there any obstacles other than a lack of transportation or special needs that I've asked about that would prevent you from being able to leave your home and go someplace safer during a hurricane threat?

- 1 Yes
- 2 No
- 3 Don't Know

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 120]

Q.119 What is that obstacle? (Record up to 3)

- 1 Pet
- 2 Job
- 3 Need to care for another person
- 4 Spouse/other won't leave
- 5 Lack of money
- 6 No place to go
- 7 Medical issue
- 8 No driver's license
- 9 Other

Q.120 Were you living in this location and at home, that is, not out of town, when Hurricane **Irene** began to threaten this area in 2011?

- 1 Yes
- 2 No
- 3 Don't know/other

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 122]

Q.121 Did you leave your home to go someplace safer in response to the threat created by Hurricane **Irene**?

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

Q.122 Which of the following types of structures do you live in? Do you live in a: (READ)

- 1 Detached single family home
- 2 Duplex, triplex, quadraplex home
- 3 Multi-family building - 6 stories or less (apartment/condo)
- 4 Multi-family building - more than 6 stories (apartment/condo)
- 5 Mobile home
- 6 Manufactured home
- 7 Basement apartment
- 8 Boat
- 9 Some other type of structure
- 0 [DO NOT READ] Don't know/refused

[IF ANSWER IS NOT 3 OR 4, SKIP TO Q.101]

Q.123 What floor do you live on? (**999=Don't Know**)

Floor ..... \_\_\_\_\_

Q.124 Suppose a hurricane were forecast to cause flood waters **less than 3 feet** deep on your property – that is, **less than 3 feet** above ground level. What would you be most likely to do? (READ)

- 1 Stay at home and shelter in place
- 2 Leave your home to go someplace safer
- 3 Don't know/Depends (DON'T READ)

Q.125 Suppose a hurricane were forecast to cause flood waters **3 to 6 feet** deep on your property – that is, between **3 and 6 feet** above ground level. What would you be most likely to do? (READ)

- 1 Stay at home and shelter in place
- 2 Leave your home to go someplace safer
- 3 Don't know/Depends (DON'T READ)

Q.126 Suppose a hurricane were forecast to cause flood waters **6 to 9 feet** deep on your property – that is, between **6 and 9 feet** above ground level. What would you be most likely to do? (READ)

- 1 Stay at home and shelter in place
- 2 Leave your home to go someplace safer
- 3 Don't know/Depends (DON'T READ)

Q.127 Suppose a hurricane were forecast to cause flood waters over **9 feet** deep on your property – that is, **9 feet** above ground level. What would you be most likely to do? **(READ)**

- 1 Stay at home and shelter in place
- 2 Leave your home to go someplace safer
- 3 Don't know/Depends (DON'T READ)

Q.129 Is your home or building located in a FEMA flood zone?

- 1 Yes
- 2 No
- 3 Don't Know

IF 2 OR 3 SKIP TO Q.131

Q.130 In what flood zone are you located? (99 = Don't Know)

---

Q.131 Is your home or building elevated above ground level specifically to make it safer from flooding?

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

Q.132 Do you own or rent your home?

- 1 Own
- 2 Rent
- 3 Other

Q.132a Do you have homeowners insurance?

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

IF 2 OR 3 SKIP TO Q134

Q.133 Do you carry flood insurance in addition to your homeowners insurance?

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

Q.134 How high above sea level is the ground on which your home or building is constructed? Is it (READ)

- 1 Less than 5 feet
- 2 5 to 10 feet
- 3 11 to 20 feet
- 4 21 to 30 feet
- 5 Over 30 feet
- 6 Don't know/Refuse

Q.135 Do you have any pets?

- 1 Yes

- 2 No
- 3 Refused

[IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 138]

Q.136 How many?

- 1 1
- 2 2
- 3 3
- 4 4
- 5 5 or more
- 6 Refused

Q.137 What would you do with your pets during a hurricane evacuation? (DO NOT READ - CATEGORIZE)

- 1 Stay behind with them
- 2 Take them to our destination with us
- 3 Leave them at home
- 4 Board them
- 5 Leave them with a friend
- 6 Leave some, take some
- 7 Don't know
- 8 Refused
- 9 Not applicable; would not evacuate
- 0 Other

Q.138 How old were you on your last birthday? (99=DK) (98=Refused)

[If respondent is 98 years old or older, enter "97"]

Number of years ..... \_\_\_\_

Q.139 How long have you lived in your present home? (ROUND UP) (99=DK) (98=REFUSED)

Number of years ..... \_\_\_\_

Q.140 How long have you lived in \_\_\_\_\_ **COUNTY**? (ROUND UP) (99=DK) (98=REFUSED)

Number of years ..... \_\_\_\_

Q.141 How many people live in your household, including yourself? (99=DK) (98=REFUSED)

Number ..... \_\_\_\_

[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 143]

Q.142 How many of these are children, 17 or younger? (99=DK) (98=REFUSED)

Number ..... \_\_\_\_

Q.143 How many of these are 80 years old or older? (99=DK) (98=REFUSED)

Number ..... \_\_\_\_

Q.144 Which race best describes you? (READ)

- 1 African American or Black
- 2 White or Caucasian
- 3 American Indian or Alaska Native
- 4 Asian
- 3 Native Hawaiian or Pacific Islander
- 4 Other (SPECIFY IN Q.144A)
- 5 [DO NOT READ] Refused

Q.144a \_\_\_\_\_

If Q144 is 1 or 2 go to Q 144b.

Q. 144b Are you Hispanic or Latino?

- 1 Yes
- 2 No
- 3 Refused
- 4 Don't Know

Q.145 What is the language that is mainly spoken in your home?

- 1 English
- 2 Spanish
- 3 Chinese
- 3 Korean
- 4 Russian
- 5 Other (SPECIFY IN Q.145a)
- 6 [DO NOT READ] Refused

Q.145a \_\_\_\_\_

Q.146 Which of the following ranges best describes your total household income for 2016? (READ)

- 1 Less than \$15,000
- 2 \$15,000 to \$39,999
- 3 \$40,000 to \$69,999
- 4 \$70,000 to \$100,000
- 5 Over \$100,000
- 6 [DO NOT READ] Refused

Q.147 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
- 6 [DO NOT READ] Refused

Q.148 Thank you very much. In case my supervisor needs to review my work on this survey, may I have your name?

\_\_\_\_\_

Q.149 That concludes our survey. Thank you very much for your time and opinions!

**(INTERVIEWER: After you hang up, there is still more info to be recorded for this interview to be considered complete!!)**

Was the respondent male or female?

- 1 Male
- 2 Female

Q.150 Record your (interviewer) name here.

\_\_\_\_\_

Q.151 Thank for your time, but this survey is only intended for residents that live at this residence at least part time during the summer or fall.

Q.152 Zip code \_\_\_\_\_

Q.153 Evacuation Area/Zone\_\_\_\_\_

Q.154 Town/Location\_\_\_\_\_