

# **Understanding the Decision Making of Evacuees from Hurricane Irma**

## **Survey Flow**

**Standard: Welcome! (1 Question)**  
**Standard: Consent (1 Question)**  
**Block: Mobile Phone Usage (5 Questions)**  
**Standard: Evacuation Information (6 Questions)**

**Branch: New Branch**  
**If**  
**If Did you receive the following orders? Check all that apply. Mandatory Evacuation Order - Yes Is Selected**

**Block: Mandatory Evacuation (4 Questions)**

**Branch: New Branch**  
**If**  
**If Did you receive the following orders? Check all that apply. Voluntary/Recommended Evacuation Order - Yes Is Selected**

**Standard: Voluntary/Recommended Evacuation (4 Questions)**

**Branch: New Branch**  
**If**  
**If Did you receive the following orders? Check all that apply. Shelter-in-Place Order - Yes Is Selected**

**Standard: Shelter-in-Place (4 Questions)**  
**Standard: Decided to Not Evacuate (2 Questions)**

**Branch: New Branch**  
**If**  
**If Did you and your household evacuate your residence due to Hurricane Irma? Yes Is Selected**

**Standard: Evacuation Behavior (33 Questions)**

**Branch: New Branch**  
**If**  
**If Did you and your household evacuate your residence due to Hurricane Irma? No Is Selected**

**Block: Decided to Not Evacuate (2 Questions)**

**Standard: Prior to Evacuation Beliefs (4 Questions)**  
**Standard: Sharing Economy Platforms (15 Questions)**  
**Standard: Government Actions (3 Questions)**  
**Standard: Demographic Questions (30 Questions)**  
**Block: Willingness Questions (26 Questions)**  
**Standard: Focus Group Confirmation (4 Questions)**  
**Standard: Drawing Eligibility (4 Questions)**



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Start of Block: Welcome!

Q1 **Welcome! Understanding the Decision Making of Evacuees** Thank you for your interest in this research. Your response is highly valuable in helping us understand how people make decisions in stressful situations. This survey will take approximately 20 minutes. You will also have an opportunity to participate in future focus groups. They will occur within 6 months of this survey and will include an incentive. You can indicate your interest in these focus groups at the end of the survey. The next section will consist of a consent form. From the consent form, you do not have to answer all question, you may skip any questions you do not wish to answer, and you may terminate your participation at any time without a penalty. Not only do we hope to gain valuable information about your decision-making process, we hope that you will also gain insights into how you and your household make decisions. Thank you!

End of Block: Welcome!

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Start of Block: Consent

Q2 Study Information Sheet and Consent Form **University of California, Berkeley Understanding the Decision Making of Evacuees** Doctoral student Stephen Wong (with Professor Susan Shaheen and Professor Joan Walker), from the Department of Civil and Environmental Engineering at the University of California, Berkeley (UC Berkeley), is conducting a research project. You are invited to participate in this study because of your experience in the recent evacuation process for the recent disaster. The researchers will be obtaining your consent for this project. **Why is this study being done?** Disasters have a major impact on the built environment and many situations require the movement of people away from harm to reduce risk and ensure human safety. This evacuation of people is an integral part of emergency management plans. Despite advances in transportation management strategies, evacuations continue to cause congested conditions on transportation networks. At the same time, vulnerable populations frequently lack adequate resources for evacuation and sheltering, and a large proportion of the population do not comply with evacuation orders. As part of this study, we are analyzing how individuals make decisions after receiving a mandatory or recommended evacuation order. **What will happen if I take part in this research study?** We will ask you survey questions related to your experience with evacuating or not evacuating your residence during the last disaster. These questions will include demographic information about you and your household, the address of your household, the choices you made during the event, and your opinions on the use of sharing economy platforms (i.e., technology platforms that allow the sharing of goods such as transportation and housing). If the survey includes questions you do not wish to or cannot answer, you may either choose to skip those questions, or you may choose not to participate in the study. All pieces of personal information and personal information of others will be kept as confidential as possible. Only one member from each immediate household may take the survey. You may fill out the survey at a time and place of your choosing. **How long will I be in the research study?**

The survey will take approximately 20 minutes. **Are there any potential benefits if I participate?** Participants will not directly benefit from the research. However, the results of the research may contribute to an improved understanding of individuals' decision making in disaster situations. **Will I be compensated for my time?** A participant will be entered into a drawing if the participant 1) completes the survey, and 2) provides an email address or home address. These individuals will be eligible to win 1 of 5 VISA Gift Cards valued at \$200 each. The drawing will take place when the last survey is received. For any drawing, the odds of winning depend on how many people have a ticket entered in the drawing. As we do not know how many people will participate in this study-related drawing, we cannot predict what will be the odds of winning a prize. Individuals who win will be sent the gift cards within two weeks of the drawing through email or through their physical home address. **Are there any other parts to this research?** You will have the opportunity to indicate if you are interested in being a part of a focus group. Only individuals who mark their interest in a focus group AND provide an email address, telephone number, or physical address will be eligible. When the surveys are completed, individuals will be chosen at random to participate in a focus group. If you are chosen, you will be contacted within 3 months from the end of the surveys. **Are there any potential risks or discomforts that I can expect from this study?** If you experienced stress or anxiety during the evacuation process, you may remember some of these feelings and you may find it uncomfortable to answer certain questions. However, the questions are phrased to minimize any lasting negative effects. There is also a risk of a breach of confidentiality. This risk has been minimized by using encrypted password-protected data storage and by omitting exact street addresses in any publications or reports on the research. **Will information about me and my participation be kept confidential?** Your information will be kept as confidential as possible. Confidentiality will be maintained by using encrypted password-protected data storage on the web. Only the primary researchers will have access to this data. Participants should close the webpage after they have finished the survey in order to protect their privacy. Confidentiality cannot be guaranteed since data will be transmitted online and data will be stored online. **How long will data be retained?** Data will be retained for at most three years after the last survey has been conducted. **What are my rights if I take part in this study?** · You can choose whether or not you want to be in this study, and you may withdraw your consent and discontinue participation at any time. · Whatever decision you make, there will be no penalty to you or loss of benefits to which you are otherwise entitled. · You may refuse to answer any questions that you do not want to answer and still remain in the study. **Whom can I contact if I have questions about this study?** · **The research team:** If you have any questions, comments or concerns about the research, you can talk to one of the researchers. Please contact: Susan Shaheen, Professor (Faculty Sponsor) sashaheen@tsrc.berkeley.edu or 510-642-9168 Joan Walker, Professor (Faculty Sponsor) joanwalker@berkeley.edu or 510-642-6897 Stephen Wong, Doctoral Student stephen.wong@berkeley.edu or 330-998-4533 · **University of California, Berkeley Office for Protection of Human Subjects (OPHS):** If you have any questions or concerns about your rights and treatment as a research subject, you may contact the office of UC Berkeley's Committee for the Protection of Human Subjects, at 510-642-7461 or [subjects@berkeley.edu](mailto:subjects@berkeley.edu) or write to: Office for Protection of Human Subjects 2150 Shattuck Avenue, Suite 300

University of California at Berkeley

Berkeley, CA 94704-5940

**PARTICIPANT CONSENT** Print a copy of this page to keep for future reference. If you wish to participate in this study, please click the button below that says "Accept."

Accept (1)

End of Block: Consent

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Start of Block: Mobile Phone Usage

Q3 **Mobile Phone Usage**

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Q4 Select the option that best describes your cell phone status:

- Do not own a cell phone (1)
  - Own a typical cell phone (non-smartphone) (2)
  - Own a smartphone (3)
- 

Q5 Select the option that best describes your cell phone:

- Do not own a cell phone (1)
  - Only call and text capabilities (2)
  - Call, text, and internet access but does not have a data plan (3)
  - Call, text, and internet access and has a data plan (4)
-

Q6 Do you have access to an internet connection at your home (wifi or broadband)?

Yes (1)

No (2)

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Q7 Do you use any in-vehicle or smartphone-based applications to navigate (Google Maps, Waze, etc.)?

Yes (1)

No (2)

End of Block: Mobile Phone Usage

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Start of Block: Evacuation Information

Q8 **Information About Your Evacuation**

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Q9 All questions in this section pertain to Hurricane Irma, a disaster that you may have experienced. While remembering this information may be difficult, it is important that you provide as accurate information as possible.

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Q10 Do you live in an evacuation zone?

Yes (1)

No (2)

I don't know (3)

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Q11 Did any part of your county receive an evacuation order?

- Yes (1)
  - No (2)
  - I don't know (3)
- 

Q12 Did you and your household evacuate your residence due to Hurricane Irma?

- Yes (1)
  - No (2)
- 

Q13 Did you receive the following orders? Check all that apply.

	Yes (1)	No (2)
Mandatory Evacuation Order (1)	<input type="radio"/>	<input type="radio"/>
Voluntary/Recommended Evacuation Order (2)	<input type="radio"/>	<input type="radio"/>
Shelter-in-Place Order (3)	<input type="radio"/>	<input type="radio"/>
No Official Order (4)	<input type="radio"/>	<input type="radio"/>

End of Block: Evacuation Information

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Start of Block: Mandatory Evacuation



Q14 How did you receive the mandatory evacuation order and when did you receive it? Check all that apply.

	Sun, Sept. 3 (1)	Mon, Sept. 4 (2)	Tues, Sept. 5 (3)	Wed, Sept 6 (4)	Thurs, Sept. 7 (5)	Fri, Sept. 8 (6)	Sat, Sept. 9 (7)	Sun, Sept. 10 (8)	Mon, Sept. 11 (9)	Tues, Sept. 12 (10)	Wed, Sept. 13 (11)	Thurs, Sept. 14 (12)
Reverse 911 call (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Text message (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Television announcement (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radio announcement (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flyer (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal interaction with a public official (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social media (Facebook, Instagram, Twitter, etc) (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alert from a subscribed service (13)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet website (news, county or state emergency management /government page) (12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smartphone application (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Someone told you (neighbor, friend, extended, family) (9)

Billboard or road message board (11)

Other (10)

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Q15

Did you seek an additional source of information to confirm the mandatory evacuation?

Yes (1)

No (2)

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Q16 To what extent was the mandatory evacuation order or any subsequent message about the order clear?

Extremely clear (1)

Somewhat clear (2)

Neither clear nor unclear (3)

Somewhat unclear (4)

Extremely unclear (5)

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Q17 Please comment on what was confusing about the messages.

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**End of Block: Mandatory Evacuation**

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**Start of Block: Voluntary/Recommended Evacuation**

Q18 How did you receive the voluntary/recommended evacuation order and when did you receive it? Check all that apply.

	Sun, Sept. 3 (1)	Mon, Sept. 4 (2)	Tues, Sept. 5 (3)	Wed, Sept 6 (4)	Thurs, Sept. 7 (5)	Fri, Sept. 8 (6)	Sat, Sept. 9 (7)	Sun, Sept. 10 (8)	Mon, Sept. 11 (9)	Tues, Sept. 12 (10)	Wed, Sept. 13 (11)	Thurs, Sept. 14 (12)
Reverse 911 call	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(11) Text message	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(12) Television announcement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(13) Radio announcement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Flyer



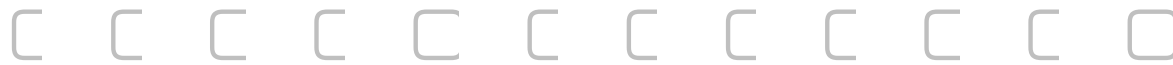
(15)

Personal interaction with a public official

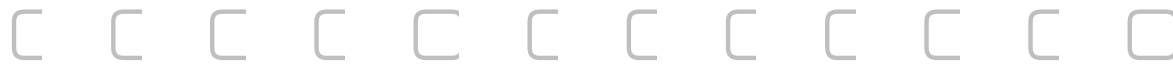


(16)

Social media (Facebook, Instagram, Twitter, etc)  
(17)



Alert from a subscribed service



(18)

Internet website (news, county or state emergency management /government page) (19)



Smartphone application



(20)  
Someone told  
you (neighbor,  
friend,  
extended,  
family)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(21)  
Billboard or  
road message  
board (22)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other (10)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Q19

Did you seek an additional source of information to confirm the  
voluntary/recommended evacuation?

Yes (1)

No (2)

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Q20 To what extent was the voluntary/recommended evacuation order or any subsequent message about the order clear?

- Extremely clear (1)
  - Somewhat clear (2)
  - Neither clear nor unclear (3)
  - Somewhat unclear (4)
  - Extremely unclear (5)
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Q21 Please comment on what was confusing about the messages.

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End of Block: Voluntary/Recommended Evacuation

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Start of Block: Shelter-in-Place

Q22 How did you receive the shelter-in-place order and when did you receive it? Check all that apply.

	Sun, Sept. 3 (1)	Mon, Sept. 4 (2)	Tues, Sept. 5 (3)	Wed, Sept 6 (4)	Thurs, Sept. 7 (5)	Fri, Sept. 8 (6)	Sat, Sept. 9 (7)	Sun, Sept. 10 (8)	Mon, Sept. 11 (9)	Tues, Sept. 12 (10)	Wed, Sept. 13 (11)	Thurs, Sept. 14 (12)
Reverse 911 call (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Text message (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Television announcement (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radio announcement (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flyer (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal interaction with a public official (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social media (Facebook, Instagram, Twitter, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7)												
Alert from a subscribed service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



(11)

Internet  
website (news,  
county or state  
emergency  
management  
/government  
page)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(12)

Smartphone  
application

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(13)

Someone told  
you (neighbor,  
friend,  
extended,  
family)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(14)

Billboard or  
road message  
board (15)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other (10)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Q23

Did you seek an additional source of information to confirm the shelter-in-place?

Yes (1)

No (2)

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Q24 To what extent was the shelter-in-place order or any subsequent message about the order clear?

Extremely clear (1)

Somewhat clear (2)

Neither clear nor unclear (3)

Somewhat unclear (4)

Extremely unclear (5)

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Q25 Please comment on what was confusing about the messages.

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End of Block: Shelter-in-Place

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Start of Block: Decided to Not Evacuate

Q26 Why did you decide to not evacuate? (Check all that apply)

- Didn't receive any orders (1)
  - Didn't want to leave (2)
  - Believed the storm would not be bad (3)
  - No friends or family to shelter with (4)
  - Didn't want to sit in traffic (5)
  - Didn't want to go to public shelter (6)
  - Didn't have the money to evacuate (7)
  - No transportation to get to shelter (8)
  - Was not sure where I could take my pets (9)
  - Wanted to protect my property (10)
  - Some requirement to go to work during storm (11)
  - Tried to but ended up going back home due to traffic (12)
  - Tried to but was turned away at shelter (13)
  - Other (please explain all other reasons) (14)
-

Q172 What was the cost of the following components of the non-evacuation? If you did not spend money on that service or item, respond with 0.

	Click to write Scale point 1 (1)
Food (1)	
Water (2)	
Gas (3)	
Home supplies (i.e., plywood, sandbags, generators, etc...) (4)	
Safety supplies (i.e., radio, water filters, flashlight, etc...) (6)	
Other (please specify) (5)	

End of Block: Decided to Not Evacuate

Start of Block: Evacuation Behavior

Q27 How many trips did you take between receiving the evacuation notice and evacuating (e.g., trips may include but are not limited to trips to gather supplies, pickup family members)?

0 2 4 6 8 10 12 14 16 18 20

Number of Trips ()



Q28 As a reminder, Hurricane Irma made landfall near Cudjoe Key, Florida at 9:00 am EST on September 10 and once again at San Marco Island, Florida at 3:30 pm EST on September 10.

Choose the date or the approximate date **you evacuated**.

- Before Sunday, Sept. 3 (1)
  - Sunday, Sept. 3 (2)
  - Monday, Sept. 4 (3)
  - Tuesday, Sept. 5 (4)
  - Wednesday, Sept. 6 (5)
  - Thursday, Sept. 7 (6)
  - Friday, Sept. 8 (7)
  - Saturday, Sept. 9 (8)
  - Sunday, Sept. 10 (9)
  - Monday, Sept. 11 (10)
  - Tuesday, Sept. 12 (11)
  - Wednesday, Sept. 13 (12)
  - Thursday, Sept. 14 (13)
  - Friday, Sept. 15 (14)
  - Saturday, Sept. 16 (15)
  - Sunday, Sept. 17 (16)
  - After Sunday, Sept. 17 (17)
-

Q29 What time or approximate time did you evacuate?

- 12:00 AM (1)
- 1:00 AM (2)
- 2:00 AM (3)
- 3:00 AM (4)
- 4:00 AM (5)
- 5:00 AM (6)
- 6:00 AM (7)
- 7:00 AM (8)
- 8:00 AM (9)
- 9:00 AM (10)
- 10:00 AM (11)
- 11:00 AM (12)
- 12:00 PM (13)
- 1:00 PM (14)
- 2:00 PM (15)
- 3:00 PM (16)
- 4:00 PM (17)
- 5:00 PM (18)
- 6:00 PM (19)
- 7:00 PM (20)
- 8:00 PM (21)

9:00 PM (22)

10:00 PM (23)

11:00 PM (24)

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Q30 Approximately, how long did the evacuation process take, from when you left your residence to reaching your final destination?

0 10 20 30 40 50 60 70 80 90 100

Number of Hours ()



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Q31 What state was your final destination?

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Q32 What county was your final destination?

\_\_\_\_\_

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Q33 What city was your final destination?

\_\_\_\_\_



Q34

Choose the date or the approximate date you **arrived at your destination**.

- Before Sunday, Sept. 3 (1)
  - Sunday, Sept. 3 (2)
  - Monday, Sept. 4 (3)
  - Tuesday, Sept. 5 (4)
  - Wednesday, Sept. 6 (5)
  - Thursday, Sept. 7 (6)
  - Friday, Sept. 8 (7)
  - Saturday, Sept. 9 (8)
  - Sunday, Sept. 10 (9)
  - Monday, Sept. 11 (10)
  - Tuesday, Sept. 12 (11)
  - Wednesday, Sept. 13 (12)
  - Thursday, Sept. 14 (13)
  - Friday, Sept. 15 (14)
  - Saturday, Sept. 16 (15)
  - Sunday, Sept. 17 (16)
  - After Sunday, Sept. 17 (17)
-

Q35 What time or approximate time did you **arrive at your destination**?

12:00 AM (1)

1:00 AM (2)

2:00 AM (3)

3:00 AM (4)

4:00 AM (5)

5:00 AM (6)

6:00 AM (7)

7:00 AM (8)

8:00 AM (9)

9:00 AM (10)

10:00 AM (11)

11:00 AM (12)

12:00 PM (13)

1:00 PM (14)

2:00 PM (15)

3:00 PM (16)

4:00 PM (17)

5:00 PM (18)

6:00 PM (19)

7:00 PM (20)

8:00 PM (21)

9:00 PM (22)

10:00 PM (23)

11:00 PM (24)

---

Q36 How long did you stay at your final destination?

Less than 1 day (1)

1-2 days (2)

3-4 days (3)

5-6 days (4)

7-8 days (5)

9-10 days (6)

More than 10 days (7)

---

Q37 What type of shelter was your final destination?

A friend's residence (1)

A family member's residence (2)

A hotel or motel (3)

A public shelter (4)

Any shelter found through a peer-to-peer service (e.g., Airbnb) (5)

A portable vehicle (e.g., automobile, camper, RV) (6)

Other (7) \_\_\_\_\_

---

Q38 Why did you decide to travel a far distance out of your county to your final destination?  
Check all that apply.

- I stayed in the county (1)
  - Because my location was ordered to evacuate the county (2)
  - I felt my home wasn't safe for this storm and I felt that's how far I had to go to get to safety. (3)
  - That was the location of the friend/relative you wanted to stay with. (4)
  - That's how far you had to go to find available hotel/motel/public shelter or other location to stay. (5)
  - Other (please explain) (6)
- 

---

Q39 Did you have to shelter in more than one location throughout the evacuation process before you returned home?

- Yes (1)
  - No (2)
-

Q40

Choose the date or the approximate date you returned home to your residence after the evacuation.

- Before Sunday, Sept. 3 (1)
  - Sunday, Sept. 3 (2)
  - Monday, Sept. 4 (3)
  - Tuesday, Sept. 5 (4)
  - Wednesday, Sept. 6 (5)
  - Thursday, Sept. 7 (6)
  - Friday, Sept. 8 (7)
  - Saturday, Sept. 9 (8)
  - Sunday, Sept. 10 (9)
  - Monday, Sept. 11 (10)
  - Tuesday, Sept. 12 (11)
  - Wednesday, Sept. 13 (12)
  - Thursday, Sept. 14 (13)
  - Friday, Sept. 15 (14)
  - Saturday, Sept. 16 (15)
  - Sunday, Sept. 17 (16)
  - After Sunday, Sept. 17 (17)
-

Q41 Why did you decide to return on that date? Check all that apply.

- Received a safe-return notice from a public official or news source about reentering (1)
  - Was told by a secondary source that it was safe to return (2)
  - Learned that power was restored (3)
  - Learned that water restored (4)
  - Had to return for work (5)
  - Had to return for child's school (6)
  - Wanted to survey damage as soon as possible (7)
  - Wanted to protect property as soon as possible (8)
  - Other (please explain) (9)
-

Q42 What primary mode of transportation did you use to evacuation?

- One personal vehicle (1)
  - Two personal vehicles (2)
  - More than two personal vehicles (3)
  - Carpool/vanpool with non-household people (4)
  - Shuttle service (5)
  - Ridesourcing/TNC (e.g., Uber, Lyft) (6)
  - Microtransit (e.g., Chariot) (7)
  - Carsharing (e.g., Zipcar, car2go) (8)
  - Rental car (9)
  - Rail (e.g., light/heavy, subway/metro, trolley) (10)
  - Bus (11)
  - Walk (12)
  - Motorcycle/scooter (13)
  - Bicycle (14)
  - Aircraft (15)
  - Recreational vehicle (RV) (16)
  - Other (17) \_\_\_\_\_
-

Q43 During your evacuation, did you travel via public roads?

- Yes (1)
- No (2)

---

*Display This Question:*

*If During your evacuation, did you travel via public roads? = Yes*



Q44 What overall percentage of your route did you take for the evacuation? (Must add to 100)

Highways : \_\_\_\_\_ (1)

Major local roads : \_\_\_\_\_ (2)

Minor local roads : \_\_\_\_\_ (3)

Rural roads : \_\_\_\_\_ (4)

Total : \_\_\_\_\_

---

*Display This Question:*

*If During your evacuation, did you travel via public roads? = Yes*

Q45 What was the largest/most major road you took to evacuate?

\_\_\_\_\_

---

*Display This Question:*

*If During your evacuation, did you travel via public roads? = Yes*

Q46 Did you use any smartphone or GPS-based navigational tool during the evacuation (Waze, Google Maps)?

- Yes, and I frequently followed the instructions (1)
- Yes, but I rarely followed the instructions (2)
- No (3)





Q47 What was the cost of the following components of the evacuation? If you did not spend money on that service or item, respond with 0.

	Money spent in \$ (1)
Food (1)	
Water (2)	
Gas (3)	
Rental vehicle (4)	
Lodging (5)	
Clothes (6)	
Other (7)	

-----  
Q48 How many work days did you miss because of the evacuation?

0 2 4 6 8 10 12 14 16 18 20

Work Days Missed ()



---

Q49 Did you tow a large item during the evacuation process (i.e., trailer, boat, motor home, camper, or something similar)?

- Yes (1)
- No (2)

---

Q50 Did you use a ridesourcing/TNC or ridesharing platform at any point during your evacuation or reentry to your residence? This may include Uber, Lyft, Gett, Chariot, or Via.

- Yes (for both) (1)
- Yes (for evacuation only) (2)
- Yes (for reentry only) (3)
- No (4)

---

Q51 Did you use a carsharing platform at any point during your evacuation or reentry to your residence? This may include Zipcar, car2go, Getaround, or Turo.

- Yes (for both) (1)
  - Yes (for evacuation only) (2)
  - Yes (for reentry only) (3)
  - No (4)
-

Q52 Did you use a shared housing platform at any point during your evacuation ? This may include Airbnb, Couchsurfing, Tripping, HomeAway, VRBO, or Wimdu.

Yes (1)

No (2)

---

Q53 How many additional seats with seatbelts did you have across all vehicles combined when you evacuated with your personal vehicle(s)?

Did not evacuate with a personal vehicle (1)

0 (2)

1 (3)

2 (4)

3 (5)

4 (6)

5 (7)

More than 5 (8)

---

Q54 For the next several questions, imagine a possible situation in which you had known of individuals in need of a ride during the evacuation.

---

Q55 If you had known of individuals in need of a ride during the evacuation, how likely would you have picked up any additional passenger(s) **before** you and your household evacuated?

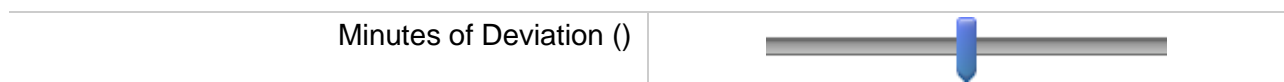
- Did not evacuate with a personal vehicle (1)
  - Extremely likely (2)
  - Somewhat likely (3)
  - Neither likely nor unlikely (4)
  - Somewhat unlikely (5)
  - Extremely unlikely (6)
- 

Q56 If you had known of individuals in need of a ride during the evacuation, how likely would you have picked up any additional passenger(s) **while** you and your household were evacuating (in transit)?

- Did not evacuate with a personal vehicle (1)
  - Extremely likely (2)
  - Somewhat likely (3)
  - Neither likely nor unlikely (4)
  - Somewhat unlikely (5)
  - Extremely unlikely (6)
- 


Q57 How far away (in minutes) would you be willing to deviate from your route to pick up any additional passenger(s)?

0 10 20 30 40 50 60 70 80 90 100 110 120



Q58 How far away (in miles) would you be willing to carry the passenger(s)?

0 20 40 60 80 100 120 140 160 180 200

Miles to Carry ()	
-------------------	--

Q59 What reservations, if any, do you have about picking up any additional passenger(s)?  
Check all that apply.

- Having to deviate from evacuation route (1)
- Adding extra time to the evacuation (2)
- Not having enough fuel (3)
- Not having enough water and/or food (4)
- Uncertainty about one's own safety or security (5)
- Having to interact with a stranger (6)
- Feeling responsible for the additional passenger(s) (7)
- Having to drive the individuals for a long period of time (8)
- Not having enough space for the additional passenger's belongings (9)
- No government oversight (10)
- Other (11) \_\_\_\_\_
- I do not have any reservations (13)

End of Block: Evacuation Behavior

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Start of Block: Prior to Evacuation Beliefs

Q60 **Prior to Evacuation Beliefs**

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Q61 For each of the following items, think back to **before you made the decision to evacuate or not.**

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Q62 To what extent were you worried about the following items BEFORE you made an evacuation decision.

	Extremely worried (1)	Very worried (2)	Moderately worried (3)	Slightly worried (4)	Not at all worried (5)
Severity of the Hurricane Irma (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evacuating (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic during the evacuation (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding housing for the evacuation (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding gasoline during the evacuation (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding food and water during the evacuation (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost of transportation for the evacuation (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Logistics of planning and executing the transportation for the evacuation (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost of housing for the evacuation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(9)

Logistics of  
planning and  
executing the  
housing for  
the  
evacuation  
(10)





Q63 To what extent did you believe about the following items BEFORE you made an evacuation decision.

	Extremely likely (1)	Somewhat likely (2)	Neither likely nor unlikely (3)	Somewhat unlikely (4)	Extremely unlikely (5)
Your residence was at risk for flooding (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your residence was at risk for wind (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You or a member of your household would be injured or killed during the disaster. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your residence would lose any type of utility from possible flooding and wind (e.g., water, electricity). (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your residence would suffer major structural or internal damage from possible flooding and wind. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your personal belongings in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

your residence would suffer major damage from possible flooding and wind. (6)

Your personal belongings would be stolen. (7)

First responders would be available and could perform rescue operations. (8)

You or a member of your household would require rescuing. (9)

You or a member of your household would be required to report to work during the time span of the evacuation. (10)

End of Block: Prior to Evacuation Beliefs

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Start of Block: Sharing Economy Platforms

Q64 **Sharing Economy Platforms**

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Q65 Have you ever used a ridesourcing/TNC or ridesharing (carpooling) platform? This may include Uber, Lyft, Gett, Chariot, or Via.

- Never (1)
  - Rarely (2)
  - Sometimes (several times a month) (3)
  - Often (about once a week) (4)
  - Regularly (several times a week or more) (5)
  - I don't know what this (6)
- 

Q66 Why have you used a ridesourcing/TNC or ridesharing (carpooling) platform or why have you not?

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Q67 Have you ever used a carsharing platform? This may include Zipcar, car2go, Getaround, or Turo.

- Never (1)
- Rarely (2)
- Sometimes (several times a month) (3)
- Often (about once a week) (4)
- Regularly (several times a week or more) (5)
- I don't know what this is (6)

---

Q68 Why have you used a carsharing platform or why have you not?

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---

Q69 Have you ever used a shared housing platform? This may include Airbnb, Couchsurfing, Tripping, HomeAway, VRBO, or Wimdu.

- Never (1)
  - Rarely (2)
  - Sometimes (several times a month) (3)
  - Often (about once a week) (4)
  - Regularly (several times a week or more) (5)
  - I don't know what this is (6)
- 

Q70 Why have you used a shared housing platform or why have you not?

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Q71 Prior to your decision to evacuate or not, did you have knowledge that some Airbnb rental units are available for free to evacuees?

- Yes (1)
  - No (2)
  - I've never heard of Airbnb (3)
-

Q72 If you had knowledge that some Airbnb rental units were available for free to evacuees, would you have considered the shelter as a viable destination for an evacuation?

- Extremely likely (1)
  - Somewhat likely (2)
  - Neither likely nor unlikely (3)
  - Somewhat unlikely (4)
  - Extremely unlikely (5)
- 

Q73 Consider a situation where you were **not** given any official orders to evacuate or stay and you decided to stay at your residence.

---

Q74 How many spare beds do you have at your residence (including air mattresses)?

- 0 (1)
  - 1 (2)
  - 2 (3)
  - 3 (4)
  - 4 (5)
  - 5 (6)
  - More than 5 (7)
-

Q75 To what extent would you be willing to rent part of your residence out to an evacuee?

- Extremely likely (1)
  - Somewhat likely (2)
  - Neither likely nor unlikely (3)
  - Somewhat unlikely (4)
  - Extremely unlikely (5)
- 

Q76 How much would you charge **per night** to rent part of your residence out to an evacuee?

- \$0 (1)
  - \$1-\$40 (2)
  - \$41-\$80 (3)
  - \$81-\$120 (4)
  - \$121-\$160 (5)
  - \$161-\$200 (6)
  - More than \$200 (7)
-

Q77 To what extent would you be willing to rent part of your residence out to an evacuee **for free**?

- Extremely likely (1)
  - Somewhat likely (2)
  - Neither likely nor unlikely (3)
  - Somewhat unlikely (4)
  - Extremely unlikely (5)
- 

Q78 What reservations do you have about housing other evacuees? Check all that apply.

- Not having enough water and/or food (1)
- Uncertainty about one's own safety or security (2)
- Having to interact with a stranger (3)
- Feeling responsible for the additional house guest(s) (4)
- Having to drive the individuals around (5)
- Disruption of everyday tasks (6)
- General dislike of hosting (7)
- Not having enough space for the additional guest(s)' belongings (8)
- No government oversight (9)
- Other (10) \_\_\_\_\_
- I do not have reservations** (11)



End of Block: Sharing Economy Platforms

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Start of Block: Government Actions

Q79 **Governmental Response**

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Q80 What is your opinion of the government's ability of the following items in the evacuation process?

	Extremely effective (1)	Very effective (2)	Moderately effective (3)	Slightly effective (4)	Not effective at all (5)
Communication (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Management of roadways (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Management of transportation of individuals without cars (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Management of shelters (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall response (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

---

Q81 Tell us more about your story: do you have any additional comments about the evacuation process?

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End of Block: Government Actions

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Start of Block: Demographic Questions

Q82 **Demographic Questions**

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Q83 What is your age?

- Under 18 (1)
  - 18 - 24 (2)
  - 25 - 34 (3)
  - 35 - 44 (4)
  - 45 - 54 (5)
  - 55 - 64 (6)
  - 65 - 74 (7)
  - 75 - 84 (8)
  - 85 or older (9)
  - Prefer not to answer (10)
- 

Q84 What gender do you identify with?

- Male (1)
  - Female (2)
  - Other (3) \_\_\_\_\_
  - Prefer not to answer (4)
-

Q85 What race do you identify with? Check all that apply.

- American Indian or Alaska Native (1)
  - Asian (2)
  - Black or African American (3)
  - Native Hawaiian or Pacific Islander (4)
  - White (5)
  - Other (6) \_\_\_\_\_
  - Prefer not to answer (7)
- 

Q86 What ethnicity do you identify with?

- Hispanic or Latino or Spanish Origin (1)
  - Not Hispanic or Latino or Spanish Origin (2)
  - Prefer not to answer (3)
-

Q87 What is the highest level of education you have completed?

- Less than high school (1)
  - High school graduate (2)
  - Some college (3)
  - 2 year degree (4)
  - 4 year degree (5)
  - Professional degree (6)
  - Doctorate (7)
  - Prefer not to answer (8)
- 

Q88 What is your current employment status?

- Employed full time (1)
  - Employed part time (2)
  - Unemployed looking for work (3)
  - Unemployed not looking for work (4)
  - Retired (5)
  - Student (6)
  - Disabled (7)
  - Prefer not to answer (8)
-

Q89 Answer the following statements based on household **(including yourself)**.

Number of individuals in your household (5)	▼ 0 (1) ... Prefer not to answer (12)
Number of individuals who are either employed full time or employed part time (1)	▼ 0 (1) ... Prefer not to answer (12)
Number of children under the age of 18 who are present the majority of the time (2)	▼ 0 (1) ... Prefer not to answer (12)
Number of adults over the age of 65 who are present the majority of the time (3)	▼ 0 (1) ... Prefer not to answer (12)
Number of individuals with disabilities who are present the majority of the time (4)	▼ 0 (1) ... Prefer not to answer (12)

Q90 Which pets do you own and how many of each do you own?

Dog (1)	▼ 0 (1) ... Prefer not to answer (7)
Cat (2)	▼ 0 (1) ... Prefer not to answer (7)
Bird (3)	▼ 0 (1) ... Prefer not to answer (7)
Fish (4)	▼ 0 (1) ... Prefer not to answer (7)
Reptile (5)	▼ 0 (1) ... Prefer not to answer (7)
Amphibian (6)	▼ 0 (1) ... Prefer not to answer (7)
Hamster/Guinea Pig/Gerbil (7)	▼ 0 (1) ... Prefer not to answer (7)
Rabbit (8)	▼ 0 (1) ... Prefer not to answer (7)
Horse (9)	▼ 0 (1) ... Prefer not to answer (7)
Farm animals (10)	▼ 0 (1) ... Prefer not to answer (7)
Other (11)	▼ 0 (1) ... Prefer not to answer (7)

Q91 How many automobiles (car, SUV, pickup, or van) does your household currently have?

- 0 (1)
  - 1 (2)
  - 2 (3)
  - 3 (4)
  - 4 (5)
  - 5 (6)
  - More than 5 (7)
  - Prefer not to answer (8)
- 

Q92 How many motorized bikes (motorcycle, scooter) does your household currently have?

- 0 (1)
  - 1 (2)
  - 2 (3)
  - 3 (4)
  - 4 (5)
  - 5 (6)
  - More than 5 (7)
  - Prefer not to answer (8)
-

Q93

How many items that require towing does your household have (i.e., trailer, boat, motor home, camper, or something similar)?

- 0 (1)
  - 1 (2)
  - 2 (3)
  - 3 (4)
  - 4 (5)
  - 5 (6)
  - More than 4 (7)
  - Prefer not to answer (8)
-

Q94 What is your primary type of transportation used for work/school travel?

- Drive alone using a car, SUV, pickup, or van (1)
  - Carpool/vanpool (2)
  - Shuttle service (3)
  - Ridesourcing/TNC (e.g., Uber, Lyft) (4)
  - Microtransit (e.g., Chariot, Via) (5)
  - Carsharing (e.g., Zipcar, car2go) (6)
  - Rail (e.g., light/heavy, subway/metro, trolley) (7)
  - Bus (8)
  - Walk (9)
  - Motorcycle/scooter (10)
  - Bicycle (11)
  - Other (12) \_\_\_\_\_
  - Prefer not to answer (13)
-



Q95 What was your total household income in 2016?

- Less than \$10,000 (1)
- \$10,000 - \$19,999 (2)
- \$20,000 - \$29,999 (3)
- \$30,000 - \$39,999 (4)
- \$40,000 - \$49,999 (5)
- \$50,000 - \$59,999 (6)
- \$60,000 - \$69,999 (7)
- \$70,000 - \$79,999 (8)
- \$80,000 - \$89,999 (9)
- \$90,000 - \$99,999 (10)
- \$100,000 - \$149,999 (11)
- \$150,000 - \$199,999 (12)
- More than \$200,000 (13)
- Prefer not to answer (14)

---

Q96 In which state do you live currently?

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Q97 In which county do you live currently? (i.e., Miami-Dade, Collier, etc.)

---

Q98 In which city do you live currently?

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Q99 Did you live in a different location immediately before Hurricane Irma than you do currently? If so, please specify the city, county, state you lived in **immediately before Hurricane Irma**.

Yes (please specify city, county, and state) (1)

---

No (2)

-----

Q100 The following questions are in reference to your residence **immediately before Hurricane Irma**. This may be the same or different as your current residence. For example, you may currently live in temporary housing, a shelter, or a different location because you moved. We want to know the characteristics of your house before the storm.

---

Q101 How long did you live in your residence immediately before Hurricane Irma?


- Less than 6 months (1)
  - 6 to 11 months (2)
  - 1 to 2 years (3)
  - 3 to 4 years (4)
  - 5 to 6 years (5)
  - 7 to 8 years (6)
  - 9 to 10 years (7)
  - More than 10 years (8)
  - Prefer not to answer (9)
- 

Q102 How long did you live in the county of your residence immediately before Hurricane Irma?

- Less than 6 months (1)
  - 6 to 11 months (2)
  - 1 to 2 years (3)
  - 3 to 4 years (4)
  - 5 to 6 years (5)
  - 7 to 8 years (6)
  - 9 to 10 years (7)
  - More than 10 years (8)
  - Prefer not to answer (9)
-

Q103 Approximately how many miles was your residence immediately before Hurricane Irma from the closest major water source (i.e., ocean, large lake, major river)?

0 10 20 30 40 50 60 70 80 90 100

Miles to Closest Major Water Source ()	
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Q104 What type of building was your residence immediately before Hurricane Irma?

- Site build (single home) (1)
- Site build (apartment) (2)
- Mobile/manufactured home (3)
- I don't know (4)
- Prefer not to answer (5)

---

Q105 Did you own your residence (were a homeowner of your pre-Irma residence)?

- Yes (1)
  - No (2)
  - Prefer not to answer (3)
-

Q106 Did you live in a flood risk area or zone as determined by the Federal Emergency Management Agency?

- Yes (1)
  - No (2)
  - I don't know (3)
  - Prefer not to answer (4)
-

Q107 How many times have you experienced the following disasters?

	0 (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	More than 5 (7)	Prefer not to answer (8)
Hurricane (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flood (non hurricane) (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tsunami (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volcanic eruption (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nuclear or chemical accident (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorist attack (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q108 How many times have you evacuated from any residence prior to this disaster?

- 0 (1)
  - 1 (2)
  - 2 (3)
  - 3 (4)
  - 4 (5)
  - 5 (6)
  - More than 5 (7)
  - Prefer not to answer (8)
- 

Q109 How likely are you to buy any type of home insurance for natural disasters (i.e., flood, hurricane, or natural disaster insurance)?

- I already have a type of insurance for natural disasters (1)
  - Extremely likely (2)
  - Somewhat likely (3)
  - Neither likely nor unlikely (4)
  - Somewhat unlikely (5)
  - Extremely unlikely (6)
  - Prefer not to answer (7)
-

Q110 What is the extent of your involvement in emergency planning and evacuation decisions for the household?

- I am the sole decision maker (1)
  - I am the primary decision maker with input from another household member (2)
  - I share equally in making decisions with another household member(s) (3)
  - I provide input into the decisions, but I am not the primary decision maker (4)
  - Another person is the sole decision maker (5)
  - Prefer not to answer (6)
- 

Q111 Through which source did you click on the link to this survey?

- Emergency management agency website (1)
- Transit/transportation agency website (2)
- Facebook (3)
- Twitter (4)
- Alert subscription service (5)
- Other (please specify) (6) \_\_\_\_\_
- Prefer not to answer (7)

End of Block: Demographic Questions

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Start of Block: Willingness Questions

Q172

**Important Instructions for Willingness to Evacuate**

We could really use your help in this last, short section. It's a little bit different than what you have done so far. It's a thought experiment that lets you make a choice about a hypothetical (or possible) situation.



In this case, you are given the strength of the hurricane and the chance of the hurricane striking your residence. This means that the **eye** of the hurricane is predicted to be within approximately 70 miles of your residence. Note that tropical force winds can be upwards of 200 miles from the eye.

**Please choose the answer that best describes if you would or would not evacuate your residence for this type of storm, provided this information 3 days before landfall.**

---

Q173 Category 1 Hurricane, 10% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q174 Category 2 Hurricane, 10% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q175 Category 3 Hurricane, 10% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q176 Category 4 Hurricane, 10% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q177 Category 5 Hurricane, 10% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q178 Category 1 Hurricane, 30% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q179 Category 2 Hurricane, 30% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q180 Category 3 Hurricane, 30% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q181 Category 4 Hurricane, 30% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q182 Category 5 Hurricane, 30% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q183 Category 1 Hurricane, 50% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q184 Category 2 Hurricane, 50% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q185 Category 3 Hurricane, 50% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q186 Category 4 Hurricane, 50% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q187 Category 5 Hurricane, 50% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q188 Category 1 Hurricane, 70% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q189 Category 2 Hurricane, 70% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q190 Category 3 Hurricane, 70% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q191 Category 4 Hurricane, 70% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q192 Category 5 Hurricane, 70% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-

Q193 Category 1 Hurricane, 90% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q194 Category 2 Hurricane, 90% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q195 Category 3 Hurricane, 90% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
-



Q196 Category 4 Hurricane, 90% chance of hurricane strike

- Definitely yes (1)
  - Probably yes (2)
  - Might or might not (3)
  - Probably not (4)
  - Definitely not (5)
- 

Q197 Category 5 Hurricane, 90% chance of hurricane strike

- Definitely yes (1)
- Probably yes (2)
- Might or might not (3)
- Probably not (4)
- Definitely not (5)

End of Block: Willingness Questions

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Start of Block: Focus Group Confirmation

Q112 **Focus Group Interest**

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Q113 If you would like the opportunity to participate in a focus group, please check the following box and provide your email address and/or phone number.

- Yes, I am interested in a focus group (1)
  - No, I am not interested in a focus group (2)
-

Display This Question:

If you would like the opportunity to participate in a focus group, please check the following box... = Yes, I am interested in a focus group



Q114 Email Address (for example: anderson12@gmail.com)

---

Display This Question:

If you would like the opportunity to participate in a focus group, please check the following box... = Yes, I am interested in a focus group



Q115 Phone Number (for example: xxx-xxx-xxxx)

---

End of Block: Focus Group Confirmation

Start of Block: Drawing Eligibility

Q116 **Drawing Eligibility**

Q117 As described in the consent form, only participants who include their email address or home address are eligible for the drawing. One of these methods of contact is needed to distribute the gift card, if you win.



Q118 Email Address (for example: anderson12@gmail.com)

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Q119 Home Address (for example: 123 Main Street, Apt. 2, Tampa, Florida, 33601)

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End of Block: Drawing Eligibility

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