

# SURVEY OF EVACUATION EXPERIENCES IN HURRICANE HARVEY



TEXAS A&M UNIVERSITY  
HAZARD REDUCTION  
& RECOVERY CENTER



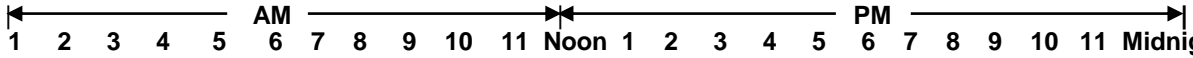
UNIVERSITY OF WASHINGTON  
INSTITUTE FOR HAZARD MITIGATION  
PLANNING AND RESEARCH



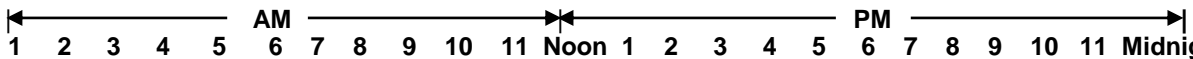
TEXAS A&M  
TRANSPORTATION  
INSTITUTE

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8. Did you make any local trips within your community *after* you decided to evacuate but *before* you left?  
 **No** (Go to Question 10)     **Yes** (How many trips? \_\_\_\_\_, Go to Question 9)
9. What did you do on those trips (check all that apply):  **Buy gas**     **Buy water**     **Buy food**  
 **Buy medicine**     **Get money**     **Buy property protection materials**     **Pick up other riders**  
 **Other** \_\_\_\_\_
10. Did everyone in your household leave at the same time?  
 **Yes** (Go to Question 12)     **No** (Go to Question 11)
11. How many groups/individuals left at different times?  **One group**     **Two groups**     **Three or more groups**
12. The first group (or the only group if there was just one) evacuated on...  
a. Day:  **Mon 8/21**     **Tue 8/22**     **Wed 8/23**     **Thu 8/24**     **Fri 8/25**     **Sat 8/26**     **Sun 8/27**  
b. Time: 

**If your household left in just one group, go to Question 14.**

13. The second group evacuated on...  
a. Day:  **Mon 8/21**     **Tue 8/22**     **Wed 8/23**     **Thu 8/24**     **Fri 8/25**     **Sat 8/26**     **Sun 8/27**  
b. Time: 
14. Which highway(s) did the first (or only) group *expect to take* when evacuating? (Check all that apply.)  
 **FM 236**     **FM 624**     **FM 665**     **SH 35**     **SH 44**     **SH 60**     **SH 71**  
 **SH 111**     **SH 141**     **SH 172**     **SH 185**     **SH 188**     **SH 202**     **SH 239**  
 **SH 285**     **US 59**     **US 77**     **US 77A/183**     **US 87**     **US 181**     **I-37**  
 **Other major roads (list):** \_\_\_\_\_

15. What were reasons why you planned to take these highways/roads? They were ... (Check all that apply.)  
 suggested in the news media (TV, radio, newspaper).     authorized evacuation routes.  
 suggested by a navigation device or mapping app.     routes that I already knew well.  
 suggested by someone I knew personally.     suggested in social media.  
 other (please describe): \_\_\_\_\_

16. Did the route change during the evacuation?  **No** (Go to Question 19)     **Yes**

17. To what extent was each of the following a reason you changed your route during the evacuation?
- |   | <b>Not at all</b> | <b>Very great extent</b> |
|---|-------------------|--------------------------|
| a. Directions from police or transportation officials on the evacuation route ..... | ○                 | ○                        |
| b. Visual observation of traffic conditions on the evacuation route .....           | ○                 | ○                        |
| c. Reports of traffic conditions on the radio .....                                 | ○                 | ○                        |
| d. Reports of traffic conditions through phone calls or cell phone apps .....       | ○                 | ○                        |
| e. Other (please describe) .....  | ○                 | ○                        |

18. What highway(s) did you **actually take** during your evacuation? (Check all that apply.)  
 **FM 236**     **FM 624**     **FM 665**     **SH 35**     **SH 44**     **SH 60**     **SH 71**  
 **SH 111**     **SH 141**     **SH 172**     **SH 185**     **SH 188**     **SH 202**     **SH 239**  
 **SH 285**     **US 59**     **US 77**     **US 77A/183**     **US 87**     **US 181**     **I-37**  
 **Other major roads (list):** \_\_\_\_\_

19. In total, how many vehicles did your household take in the evacuation? \_\_\_\_\_ **vehicles**
20. How many registered vehicles did your immediate household have at that time? \_\_\_\_\_ **vehicles**
21. How many trailers (including boats & campers) did your household take in the evacuation? \_\_\_\_\_ **trailers**
22. If you did not use your own private vehicle, what form of transportation did you use to evacuate?  
 **Rode with someone else**     **Used public transit**     **Other** (please specify) \_\_\_\_\_

Please answer the last set of questions on the next page.

23. In (or near) what city did you spend your first night after evacuating? \_\_\_\_\_
24. Did you arrange a place to stay before you reached your evacuation destination? \_\_\_ **No**  
 \_\_\_ **Yes, I contacted them before evacuating** \_\_\_ **Yes, I contacted them while on the road**
25. Where did you stay when you got to your destination? \_\_\_\_\_ **Home of friend/relative**  
 \_\_\_ **Hotel/motel** \_\_\_ **Public shelter** \_\_\_ **Other** (please specify) \_\_\_\_\_
26. During your evacuation, how many days did you spend away from home?  
 \_\_\_\_\_ **days or** \_\_\_ **Have not been able to return home** (please go to Question 28).
27. How much do you estimate it cost for your household to evacuate? \$ \_\_\_\_\_ **Transportation (e.g., gas)**  
 \$ \_\_\_\_\_ **Food** \$ \_\_\_\_\_ **Lodging** \$ \_\_\_\_\_ **Lost income**
28. Did your household have... **No** **Yes**  
 a. household members who needed special medical assistance to evacuate? .....    
 b. pets that needed to be evacuated with other household members? .....
29. Did you rent or own the home where you lived at the time Harvey struck? \_\_\_ **Rent** \_\_\_ **Own**
30. Was this your primary or secondary residence? \_\_\_ **Primary** \_\_\_ **Secondary**
31. Which of the following best describes the type of structure in which you lived at the time of Hurricane Harvey?  
 \_\_\_ **Detached single family home** \_\_\_ **Multi-family, 1-2 stories** \_\_\_ **Multi-family, 3 or more stories**  
 \_\_\_ **Mobile or manufactured home** \_\_\_ **Other** (please specify) \_\_\_\_\_
32. Was that place located in a... **No** **Unsure** **Yes**  
 a. hurricane risk area? .....     
 b. Federal Emergency Management Agency (FEMA) flood zone .....

For answering Questions 33 through 37, begin each question with: "**At the time of Hurricane Harvey, ...**"

33. ...what was your age? \_\_\_\_\_ **years old**
34. ...what was your marital status? \_\_\_ **Married** \_\_\_ **Single** \_\_\_ **Divorced** \_\_\_ **Widowed**
35. ...how many people in your household were:  
 \_\_\_ **Less than 18 years** \_\_\_ **18-65 years old** \_\_\_ **Over 65 years**
36. ...what was your highest level of education? \_\_\_ **Some high school** \_\_\_ **High school graduate/GED**  
 \_\_\_ **Some college/vocational school** \_\_\_ **College graduate** \_\_\_ **Graduate school**
37. ...what was your *yearly* household income? \_\_\_ **Less than \$21,499** \_\_\_ **\$21,500–34,999**  
 \_\_\_ **\$35,000–44,999** \_\_\_ **\$45,000–54,999** \_\_\_ **\$55,000–64,999**  
 \_\_\_ **\$65,000–74,999** \_\_\_ **\$75,000–99,999** \_\_\_ **\$100,000 or more**
38. What is your sex? \_\_\_ **Male** \_\_\_ **Female**
39. Which of the following best describes your race? \_\_\_ **White** \_\_\_ **Black**  
 \_\_\_ **Asian or Pacific Islander** \_\_\_ **American Indian or Alaskan Native** \_\_\_ **Other**
40. Are you of Hispanic, Latino(a), or Spanish origin? \_\_\_ **Yes** \_\_\_ **No**
41. Considering what happened in Hurricane Harvey, would you respond differently to a similar storm in the future?  
 \_\_\_ **No** \_\_\_ **Yes** (What would you do different?) \_\_\_\_\_

*If you have any additional comments about your Hurricane Harvey experience, please write them below.*

**Thank you for the time you have taken to fill out this questionnaire. Please return it in the provided envelope.**