

# **Dunbar and Vicinity Community Report**

## **Housing and Emergency Shelter**

### **Central Florida Florida Disaster Resilience Initiative Phase 1 Stage 2 2019**



These materials were developed by Health Initiatives Foundation, Inc. in 2019. Surveys were conducted under the auspices of Health Initiatives Foundation, Inc.'s Florida Disaster Resilience Initiative, with funding from The Miami Foundation.

## Surveying Completed

Thirty Mission Critical Functions Surveys and 30 Housing and Emergency Shelter Surveys were completed by residents of Dunbar, broader Ft. Myers, and the surrounding communities. The Census Block Groups in blue in Table 1 below are in Dunbar.

**Table 1. Number of Respondents to Surveys by Census Block Group**

| Census Block Group           | MCF Survey | Housing & Emergency Services Surveys |
|------------------------------|------------|--------------------------------------|
| 120710005023                 | 1          | 0                                    |
| 120710006001                 | 8          | 6                                    |
| 120710006002                 | 17         | 18                                   |
| 120710006003                 | 3          | 2                                    |
| 120710012011                 | 0          | 1                                    |
| 120710010002<br>Ft. Myers    | 0          | 2                                    |
| 120710104105<br>Cape Coral   | 0          | 1                                    |
| 120710402101<br>Lehigh Acres | 1          | 0                                    |
| <b>Total</b>                 | <b>30</b>  | <b>30</b>                            |



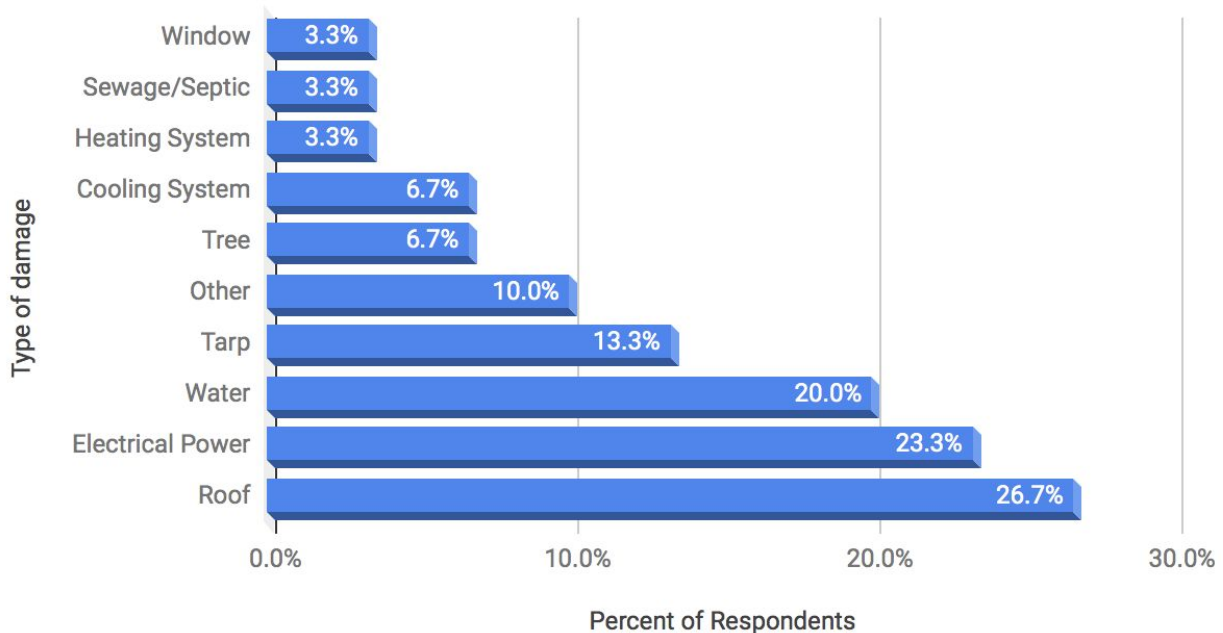
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Housing and Emergency Shelter Surveys required residents to describe damage to their home as a result of Hurricane Irma, time taken to repair the damage, and funding sources for the repairs. This survey also assessed where residents received information during and after Hurricane Irma, and their level of knowledge on disaster preparedness.

*Type of damage to homes after Hurricane Irma:* Of the 30 respondents to the Housing and Emergency Shelter Survey, 26.7% reported roof damage, with 13.3% reporting that they had a tarp placed on their roof. Electrical power failure was reported by 23.3% , and Water damage was reported by 20.02% of respondents. Additional damage reported included: tree damage (6.7%), cooling system damage (6.7%), heating system damage (3.3%), sewage/septic damage (3.3%), and window damage (3.3%), and unspecified “Other” damage (10.0%).

**Graph 1. Housing and Emergency Shelter Survey Results**

### Dunbar & Vicinity: Percent Damage by Type

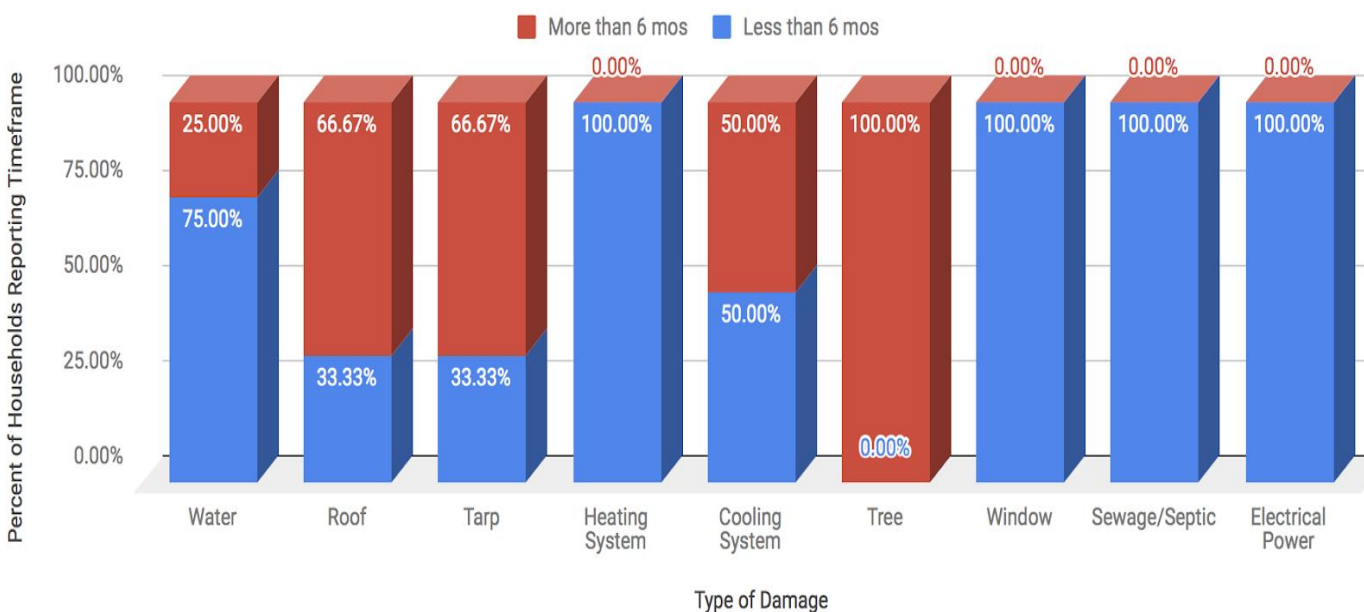


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*Time to complete repairs after Hurricane Irma:* The repairs that were all completed in less than 6 months included: heating system damage, window damage, sewage/septic damage, and electrical power outage. All respondents with tree damage reported that repairs took longer than 6 months. Both the roof damage and the tarps on roofs required more than 6 months to repair in 66.7% of homes reporting such damage. Half of the households reporting cooling system damage (50.0%) required more than 6 months to complete repairs. A quarter (25.0%) of households reporting water damage required more than 6 months to affect repairs.

**Graph 2.**

Dunbar & Vicinity: Time to Repair Damage after Hurricane Irma

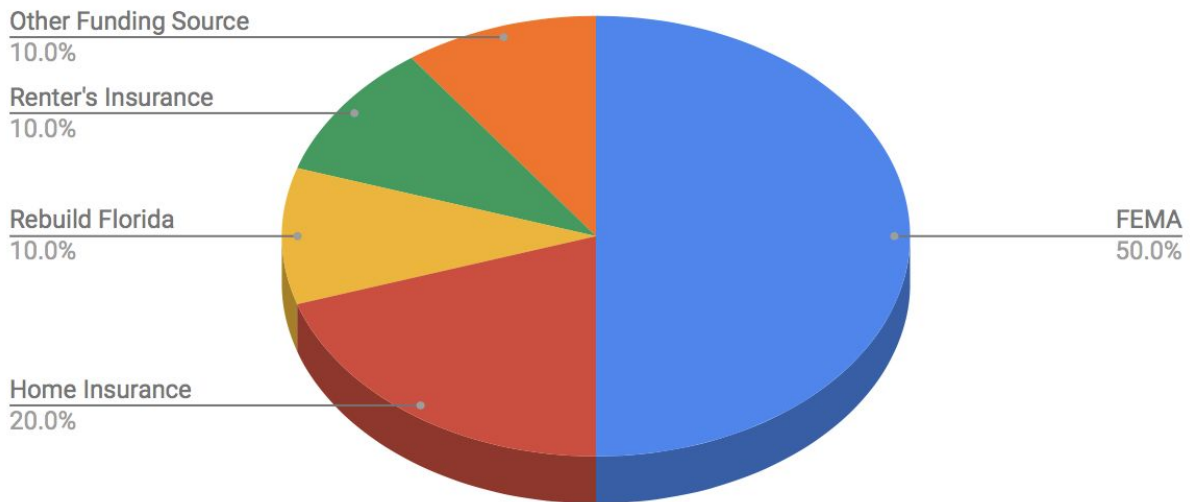


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*Funding Repairs:* Of the 26.7% of respondents that applied for funding, half (50.0%) funded repairs with FEMA funds, 20.0% applied for home insurance. Renters Insurance, Rebuild Florida and unspecified “Other Funding” sources were each used by 10.0% of those seeking funding. The graph below displays the distribution of funding sources for the repairs.

**Graph 3.**

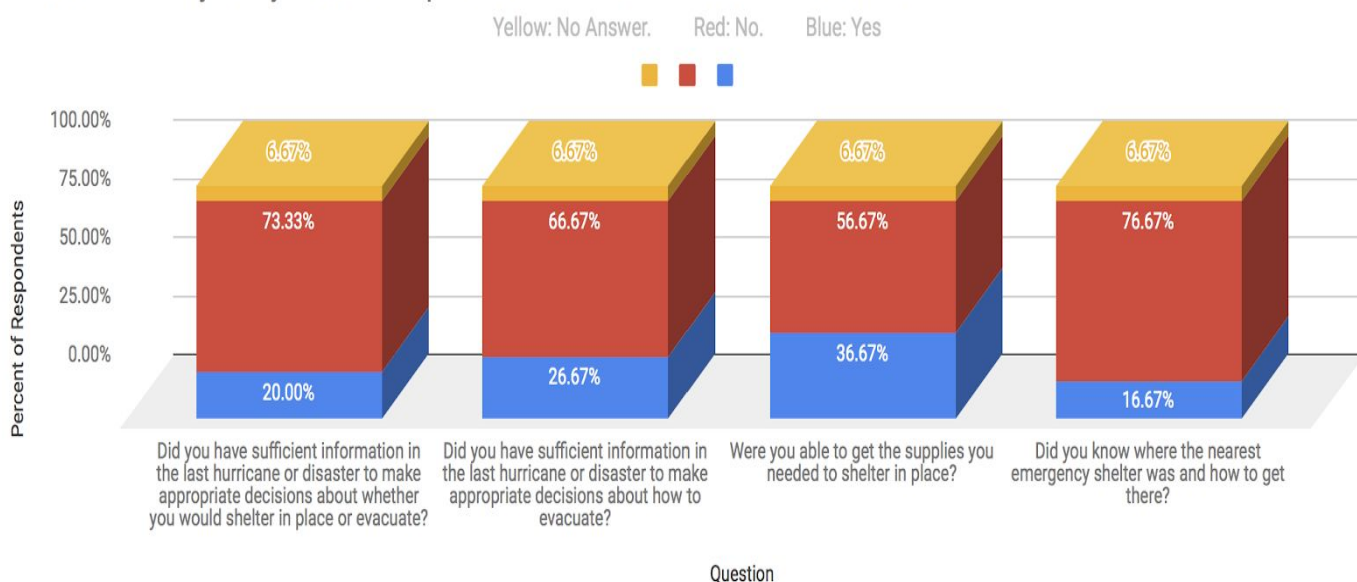
### Reported Sources of Funding for Repairs



**Preparedness Resources:** Respondents were asked questions that assessed the information and physical resources they were able to obtain as the hurricane was approaching. Only 20% of respondents reported that they had sufficient information to make appropriate decisions about whether they would shelter in place or evacuate, and only 26.67% reported having sufficient information regarding how to evacuate. Only 36.67% were able to obtain the supplies they needed to shelter in place. Only 16.67% of respondents knew where the nearest emergency shelter was and how to get there.

#### Graph 4. Preparedness Resources

Dunbar & Vicinity: Did you Have Preparedness Resources for Hurricane Irma?



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**Preparedness Knowledge.** Respondents were asked questions about preparedness. One third (33.33%) of respondents knew how to comply with a boil water order. Slightly over a quarter (26.67%) knew how much water needed to shelter in place, and 23.33% of respondents knew where to obtain sandbags. One fifth of respondents (20.00% knew how to get to an emergency shelter. One sixth of respondents (16.67%) knew how to find their emergency radio stations, and likewise one-sixth knew where their emergency shelter was. One tenth (10.00%) of respondents knew their evacuation zone, and only 3.33% knew the supplies pet owners must take with them and their pet to an emergency shelter.

**Graph 5: Preparedness Knowledge**

### Dunbar & Vicinity: Preparedness Knowledge

