

Livingston Parish

Total Population by Evacuation Phase

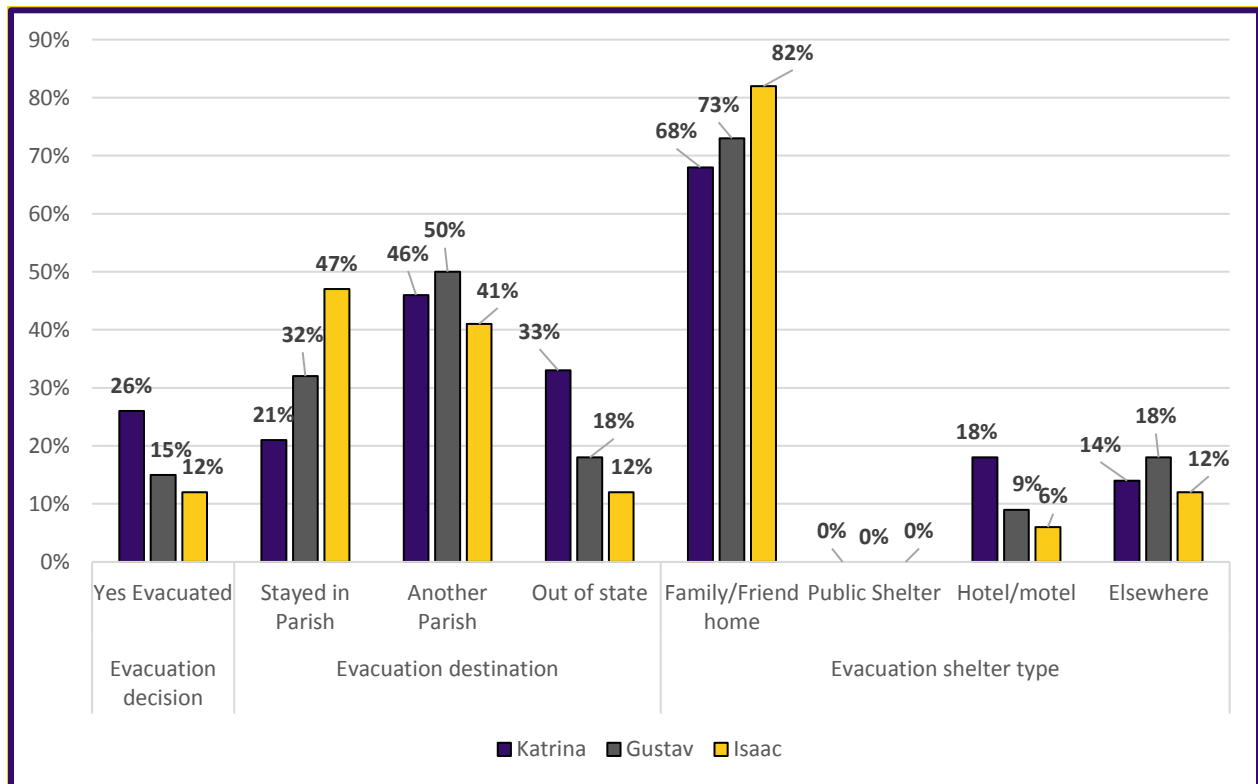
| Parish | Phase 1 Evacuation | Phase 2 Evacuation | Phase 3 Evacuation | Total Population |
|------------|--------------------|--------------------|--------------------|------------------|
| Livingston | N/A | N/A | 48,373 | 133,949 |
| | | | 36% | |

Total population by Evacuation Phase in Livingston Parish

Previous Evacuation Behavior

| Survey Question | Previous Disaster Experience in Current Home | |
|---|--|-----|
| <i>During the time you've lived in this home, have any of the following hazards affected you, your home or the people who live with you?</i> | Flooding from rain | 40% |
| | Flooding from river, canal, or lake | 32% |
| | Flooding from storm surge or wave action | 5% |
| | Any type of flooding | 56% |
| | Wind damage | 24% |
| | No previous damage at current home | 34% |

Previous experience with flooding and wind damage in current homes.

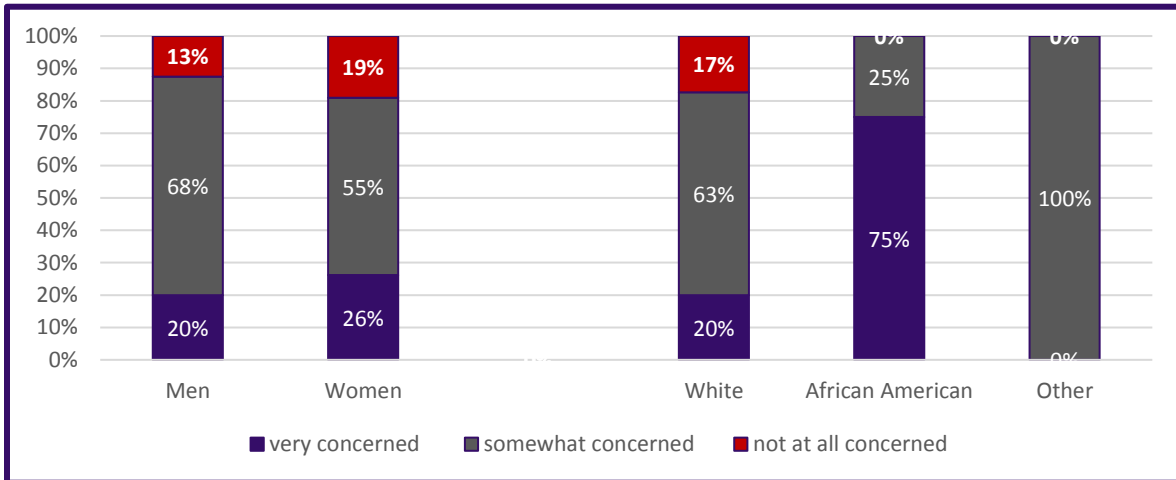


Evacuation decisions, destination, and shelter type during Hurricanes Katrina, Gustav and Isaac.

Behavioral Analysis Summary for Livingston Parish During Hurricane Events

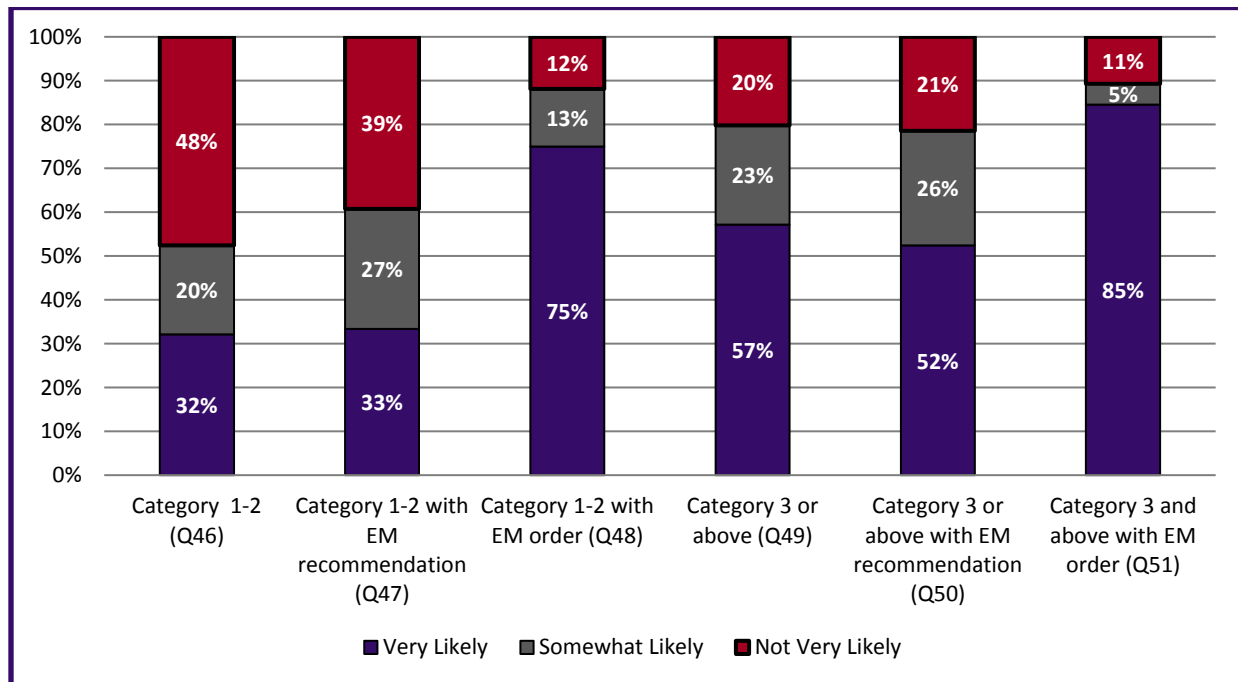
Risk perception of hurricanes and their effects.

| Threat | Very Concerned | Somewhat Concerned | Not at all Concerned |
|---------------------|----------------|--------------------|----------------------|
| Threat of Hurricane | 23% | 61% | 16% |
| Flooding of Home | 13% | 29% | 58% |
| Damage from Winds | 22% | 55% | 23% |



The variation in perceived threat of a hurricane impacting people varies among demographic data.

Evacuation Intentions



Behavioral Analysis Summary for Livingston Parish During Hurricane Events

Overall evacuation intentions for Livingston Parish

| Most likely destination for if Evacuation for a Category 3 or Greater | | | | | |
|---|---------------|----------------|-------------|----------------|------------|
| Category | Family/Friend | Public shelter | Hotel/Motel | Someplace else | Don't know |
| Overall by Percentage | 57% | 7% | 27% | 8% | n/a |
| Overall by People (Assumes 89% Evacuate)* | 24,601 | 3,075 | 11,788 | 3,588 | 0 |
| Responses by Demographics | | | | | |
| White | 58% | 7% | 26% | 9% | 0% |
| African American | 25% | 0% | 75% | 0% | 0% |
| Other | 100% | 0% | 0% | 0% | 0% |

Most likely destinations during evacuation from a Category 3 or Greater Storm

| Category | Yes, will take private vehicle (Q65) | If Yes, Would ride with someone | If Yes – Will take 1 vehicle | If Yes – Will take 2 vehicles | If Yes – Will take 3 or more vehicles | If Yes, will take boat or trailer |
|--|--------------------------------------|---------------------------------|--|-------------------------------|---------------------------------------|-----------------------------------|
| Overall | 99% | 1% | 40% | 47% | 12% | 33% |
| By Households* | 6,065 | 184 | 6,065 | 7,167 | 1,838 | 5,085 |
| By # of Vehicles* | n/a | n/a | 6,065 | 14,335 | 5,513 | 5,085 |
| <i>Total Private Vehicles Evacuating the Livingston Parish</i> | | 25,913 | <i>Total Private and Trailers Evacuating Livingston Parish</i> | | | 30,997 |

How people will evacuate and with how many vehicles, boats, or trailers

* Percentage of people/households who said they are “very likely” or “somewhat likely” to evacuate with a Mandatory Evacuation Order for a Category 3 or stronger hurricane.

| Most Common Roads Identified as Evacuation Routes | |
|---|-----|
| I-12 | 49% |
| I-10 | 26% |
| LA 1 | 21% |
| I-55 | 21% |
| HWY 90 | 6% |

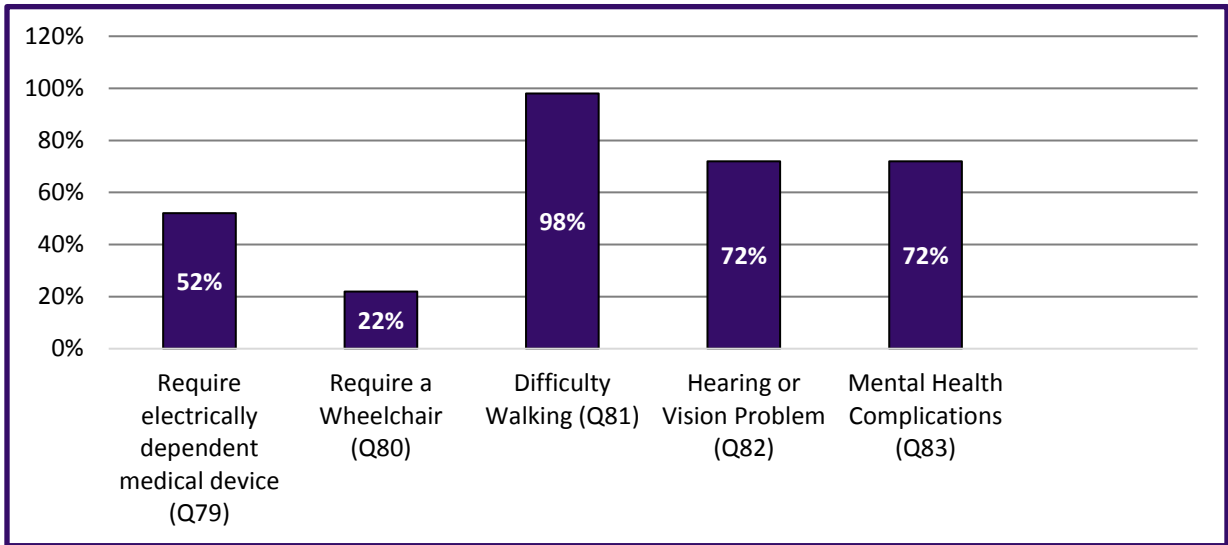
| Most Likely Destination States | |
|--------------------------------|-----|
| Louisiana | 30% |
| Mississippi | 19% |
| Texas | 18% |
| Arkansas | 5% |
| Florida | 2% |
| Other | 11% |
| Don't Know | 15% |

| Most Likely Destination Cities | |
|--------------------------------|----|
| Baton Rouge | 6% |
| Dallas | 5% |
| Denham Springs | 4% |
| Jackson | 4% |
| Houston | 2% |

Most likely destinations and route to be used by evacuees from Livingston Parish

Behavioral Analysis Summary for Livingston Parish During Hurricane Events

Access and Functional Needs



Types of medical needs and disabilities identified through the survey for Region 2 (Sample = 9).

Information Sources

| Survey Question | Identified Information Sources | |
|--|--------------------------------|-----|
| <i>If a hurricane threatens your area, where would you get MOST of your information as you make your evacuation decision?</i> | The Internet | 14% |
| | Radio | 37% |
| | Television | 50% |
| | Cellphone | 15% |
| | Friends or Relatives | 1% |
| | Local First Responders | 1% |
| | Local Government | 1% |
| | Other | 1% |

Where respondents receive their information during hurricane events (Sources include multiple responses by many participants).

Behavioral Analysis Summary for Livingston Parish During Hurricane Events

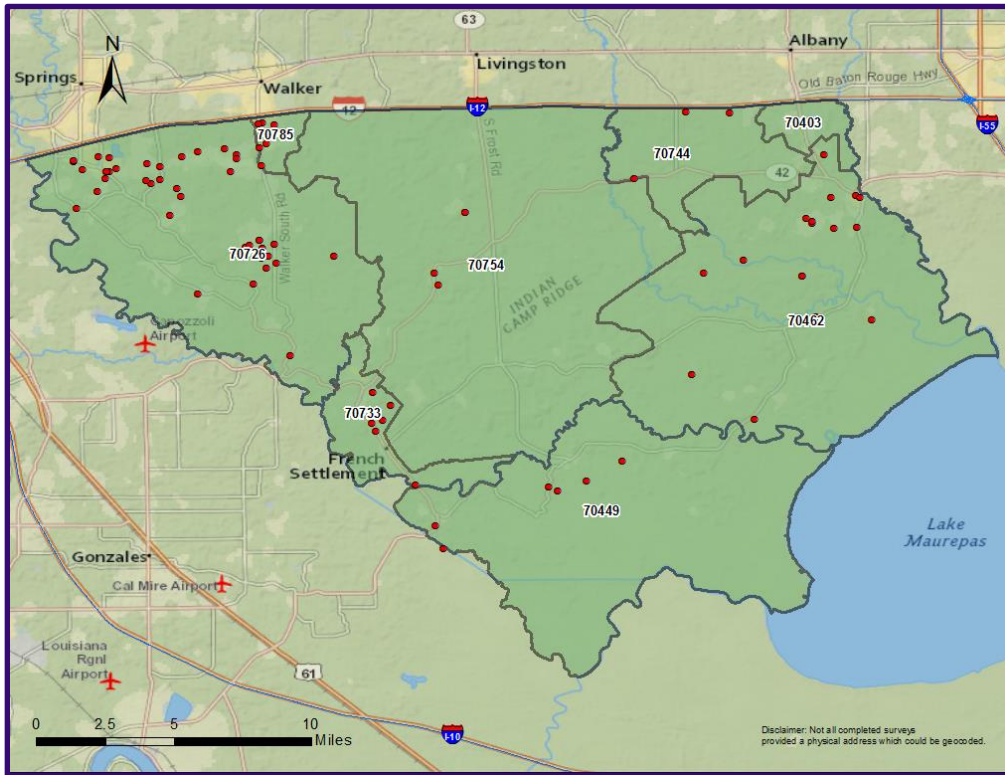
Survey Respondents Demographics

| Demographic | Total Sample | Census Data (Livingston) |
|--|----------------|--------------------------|
| | N = 162 | 114,738 |
| Gender | | |
| Male | 49% | 49% |
| Female | 51% | 51% |
| Age | | |
| 18-24 | 16% | 12% |
| 25-44 | 31% | 39% |
| 45-64 | 38% | 34% |
| 65-84 | 14% | 14% |
| 85 and over | 1% | 2% |
| Race | | |
| White | 92% | 91% |
| African American | 5% | 6% |
| Asian | 0% | 0% |
| Other | 4% | 3% |
| Hispanic, Latino or Spanish Origin? | | |
| Yes | 4% | 3% |
| No | 96% | 97% |
| Income | | |
| Under \$10,000 | 0% | 8% |
| \$10,000-\$14,999 | 7% | 5% |
| \$15,000-\$24,999 | 9% | 10% |
| \$25,000-\$34,999 | 7% | 9% |
| \$35,000-\$49,999 | 16% | 13% |
| \$50,000-\$74,999 | 23% | 19% |
| \$75,000-\$99,999 | 19% | 14% |
| \$100,000-\$149,999 | 12% | 17% |
| \$150,000-\$199,999 | 6% | 5% |
| \$200,000 or more | 1% | 3% |
| Full-time student | 7% | n/a |
| Other | n/a | n/a |

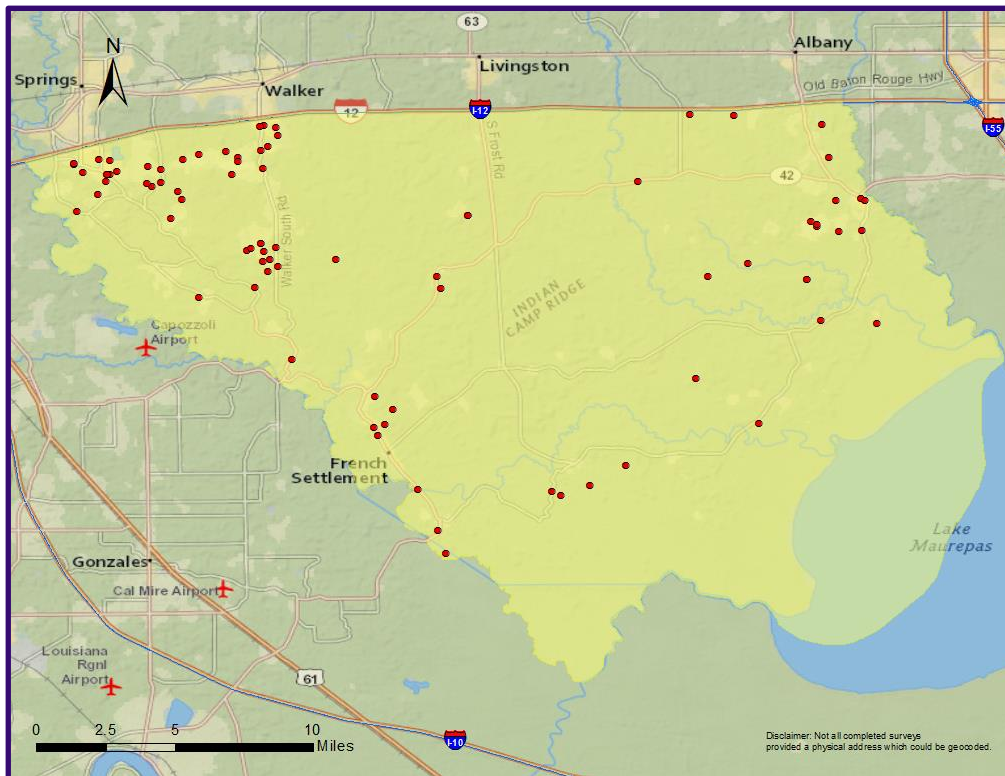
| Demographic | Total Sample | Census Data (Livingston) |
|---|----------------|--------------------------|
| | N = 162 | 114,738 |
| Highest Level of Education | | |
| Less than 9th grade | 1% | 5% |
| 9th to 12th grade, but did not graduate | 14% | 11% |
| High school diploma | 20% | 40% |
| Some college or vocational school, but not degree | 27% | 20% |
| A 2-year college degree | 8% | 5% |
| A 4-year college degree | 17% | 14% |
| Graduate or professional degree | 12% | 4% |
| Employment Status | | |
| Employed full-time (35 hours + per week) | 46% | n/a |
| Employed part-time (Less than 35 hours per week) | 4% | n/a |
| Unemployed | 4% | |
| Retired | 23% | n/a |
| Stay at home caregiver | 10% | n/a |
| Full-time student | 7% | n/a |
| Other | 7% | n/a |
| Housing Type | | |
| One unit structure | 68% | 70% |
| Two-or-more-unit structure | 1% | 6% |
| Mobile homes and other | 30% | 24% |
| Housing Tenure | | |
| Owner | 89% | 80% |
| Renter | 11% | 20% |

Behavioral Analysis Summary for Livingston Parish During Hurricane Events

Survey Respondents by Location



Survey Respondents by Zip Codes



Survey Respondents by Evacuation Phase