

LSU Post-Katrina Studies of Community Resilience

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A Little Background...

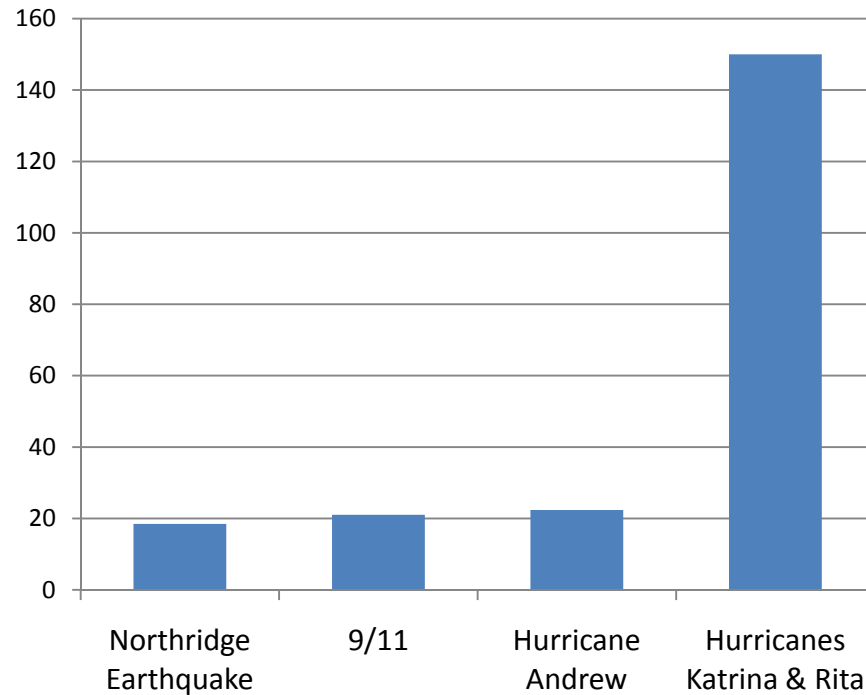
“Where’s the Money?”

These slides are at the Greater New
Orleans Community Data Center:
www.gnocdc.org



Damages caused by hurricanes Katrina and Rita dwarfed those of previous disasters

Hurricanes
Katrina & Rita:
\$150 billion



Sources: Damage estimates: "Natural catastrophes and man-made disasters 2005: high earthquake casualties, new dimension in windstorm losses," Swiss Re Sigma Insurance Research, No.2/2006, Swiss Reinsurance Company, Economic Research & Consulting. Zurich. www.swissre.com/sigma. Total Damages are defined by the sigma study are all the financial losses directly attributable to a major event (damage to buildings, infrastructure, vehicles, etc., irrespective of whether insured or not. Includes business interruption directly due to building damage, but does not include indirect financial detriments such as loss of earnings by down-stream suppliers, shortfall in GDP, nor non-economic losses. All figures are presented in 2005 dollars. Federal spending: Testimony of Donald E. Powell, Federal Coordinator for Gulf Coast Rebuilding before the U. S. House Committee on the Budget August 2, 2007 http://www.dhs.gov/xprepresp/programs/gc_1187965134242.shtml



Most federal spending has gone for relief, not rebuilding

Federal spending: \$120.5 billion

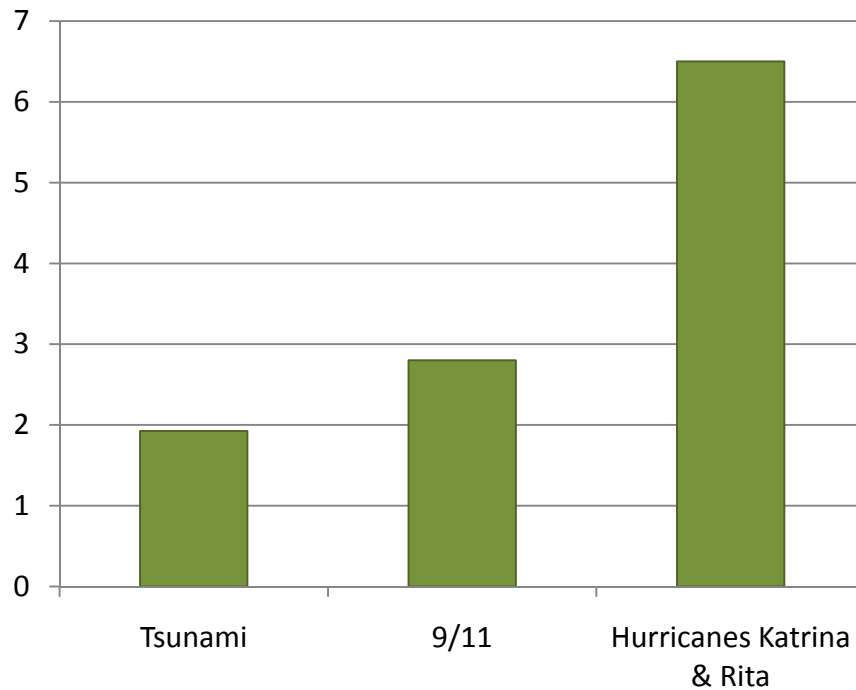


Source: Total federal spending: "Katrina/Rita Financial Assistance (Emergency Supplementals)," U.S. Department of Homeland Security, http://www.dhs.gov/xlibrary/assets/gcr_katrina-rita_finasst.pdf. Includes flood insurance payments. Emergency relief: The New Orleans Index," Second Anniversary Edition, The Brookings Institution Metropolitan Policy Programs & Greater New Orleans Community Data Center. August 2007. www.gnocdc.org/NOLAIndex/ESNOLAIndexAug07.pdf.



Charitable giving has also far outpaced that for previous disasters

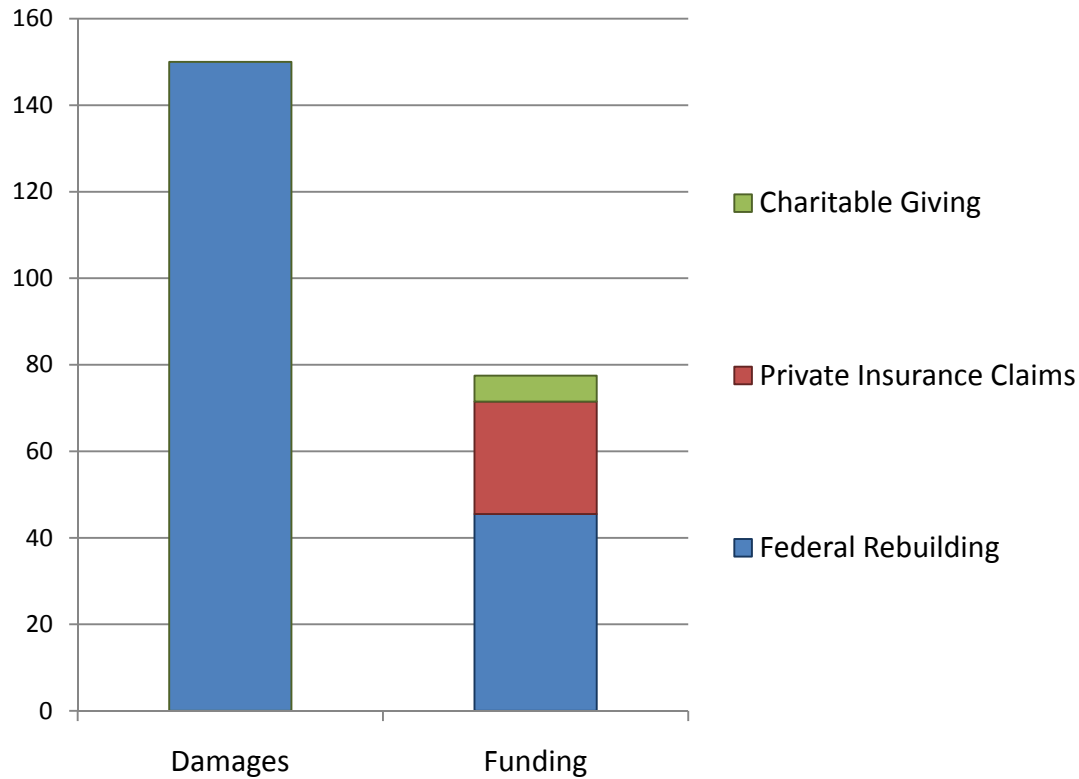
Charitable Giving (\$Billions)



Source: Charitable giving : "Giving in the Aftermath to the Gulf Coast Hurricanes," *Foundation Center*, August 2007
http://foundationcenter.org/gainknowledge/research/pdf/katrina_report_2007.pdf; Chronicle of Philanthropy and Center on Philanthropy at Indiana University



But charitable and insurance funding do not close the gap



Sources: Private insurance: Louisiana Department of Insurance and Mississippi Insurance Department, 97 percent of claims reported. Excludes flood insurance payments. Charitable giving : "Giving in the Aftermath to the Gulf Coast Hurricanes," *Foundation Center*, August 2007 http://foundationcenter.org/gainknowledge/research/pdf/katrina_report_2007.pdf; Chronicle of Philanthropy and Center on Philanthropy at Indiana University Federal rebuilding spending : "The New Orleans Index," Second Anniversary Edition, The Brookings Institution Metropolitan Policy Programs & Greater New Orleans Community Data Center. August 2007, www.gnocdc.org/NOLAIndex/ESNOLAIndexAug07.pdf.

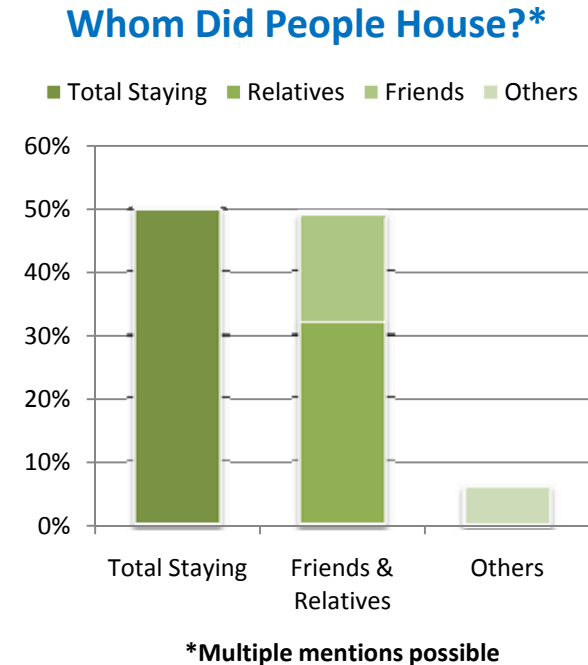
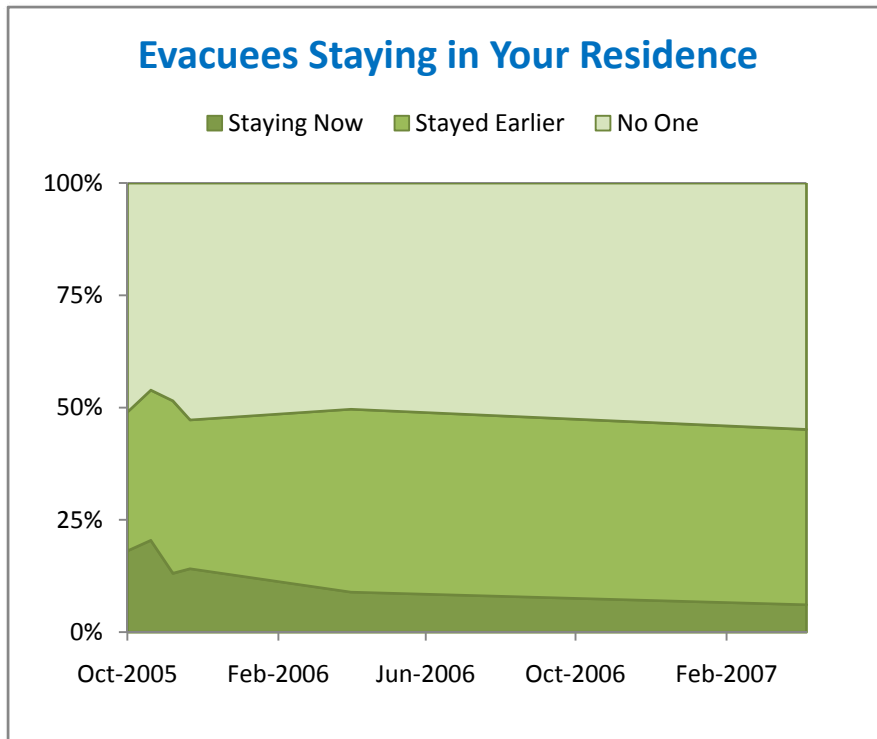
LSU Post-Katrina Surveys in Baton Rouge:

**Impact on the Community;
Helping cope with the Disaster**
(supported by NSF)

Total Interviews = 2,960 in 3 waves:

- **September 27 to November 29, 2005 (N=1,349)**
- **February to April, 2006 (N=1,008)**
- **March to April, 2007 (N=603)**

Half the households in Baton Rouge housed Evacuees ... almost entirely relatives and friends.



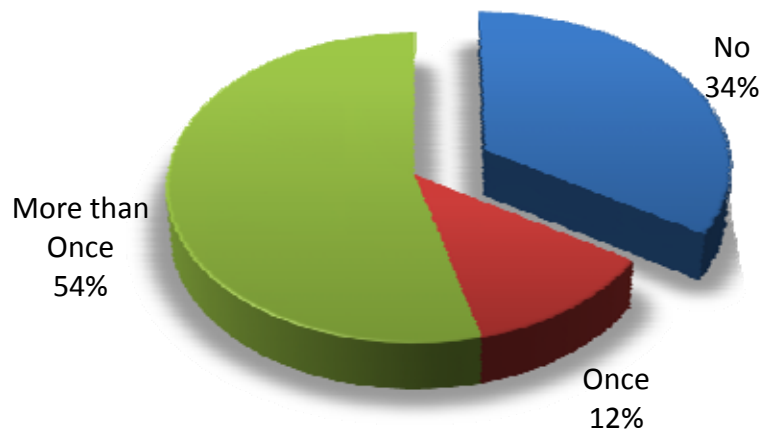
Factoid: Southern Louisiana has some of the densest social networks in America.

Question:

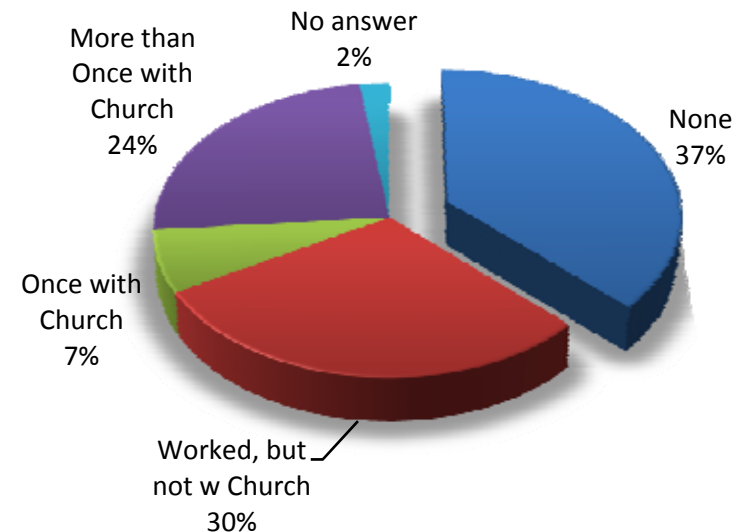
- Where would disaster evacuees have gone if this had happened some other place?
- Hint: The Authorities would have to figure that out...

Two thirds of people in Baton Rouge did volunteer relief work – most more than once. Most of them volunteered with Religious Organizations.

Did Volunteer work to Help Evacuees

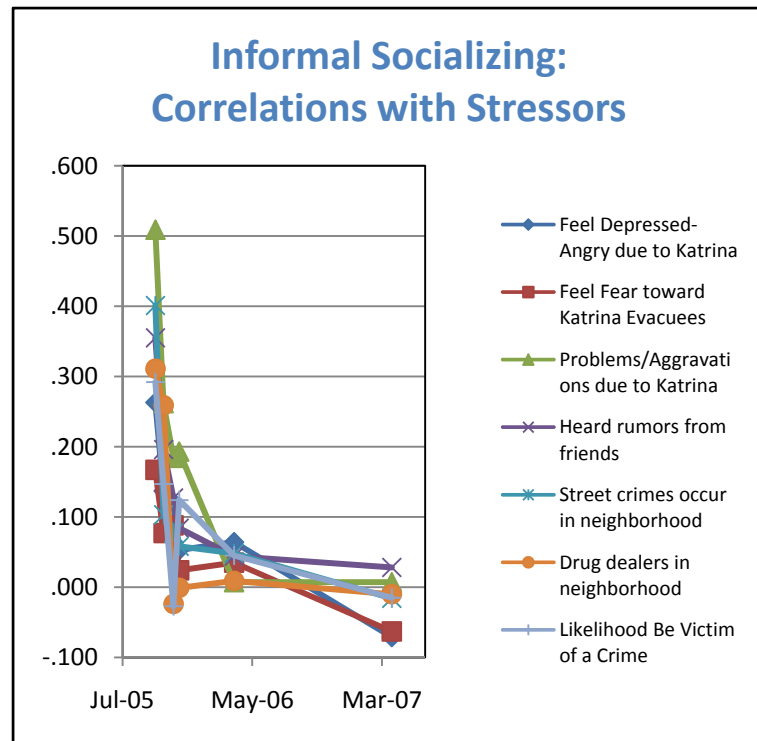
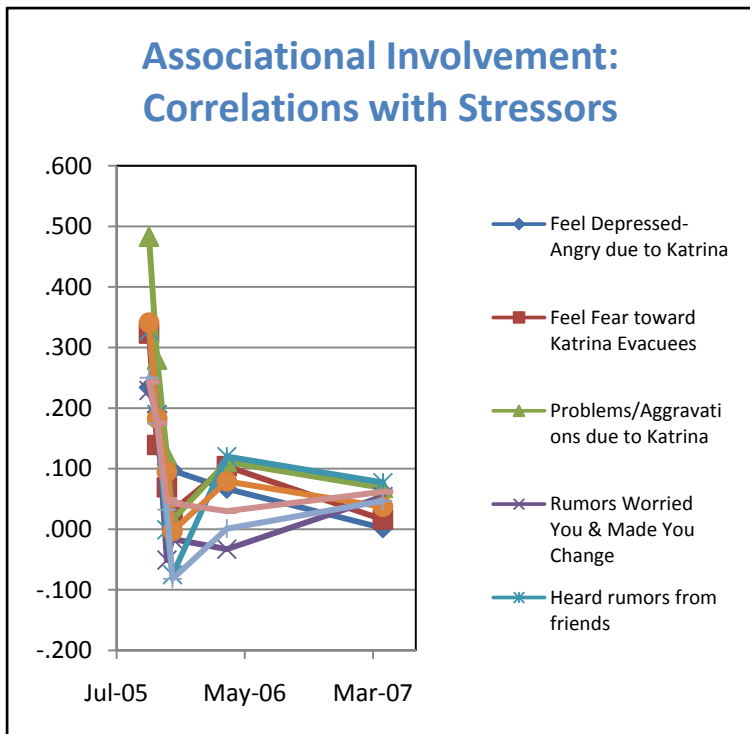


Did Volunteer work to Help Evacuees - with Religious Organization



Social Capital and Stress

People with the best social networks were initially most stressed because they were most involved in relief work. They also recovered the fastest.



LSU Post-Katrina Surveys in Greater New Orleans:

**Studies of Community Resilience
in partnership with community leaders
(supported by NSF)**

Total Number of interviews = 2,429

- **Lakeview subsample: N=280**
- **St. Bernard subsample: N=345**
- **Eastern N.O. & Gentilly subsample: N=321**
- **FEMA Trailer Parks subsample: N=133**

Images of Data Collection: Renaissance Village, FEMA Trailer Park



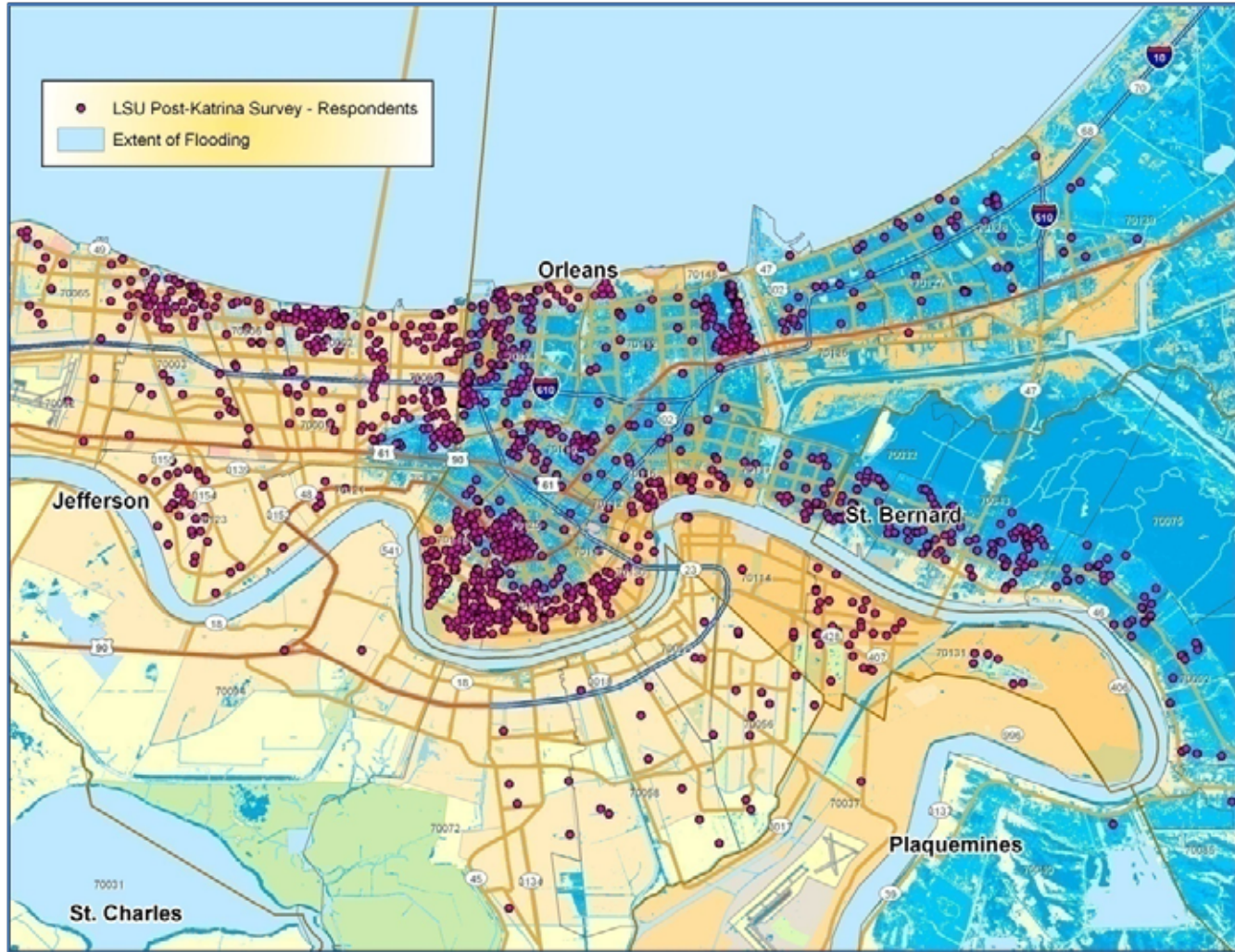
We worked with the resident leaders of Renaissance Village, served a Jambalaya dinner, brought in a New Orleans brass band ... and conducted the survey with the help of 30 resident volunteers.

Images of Data Collection: Pontchartrain Park & Gentilly Woods (Pontilly)

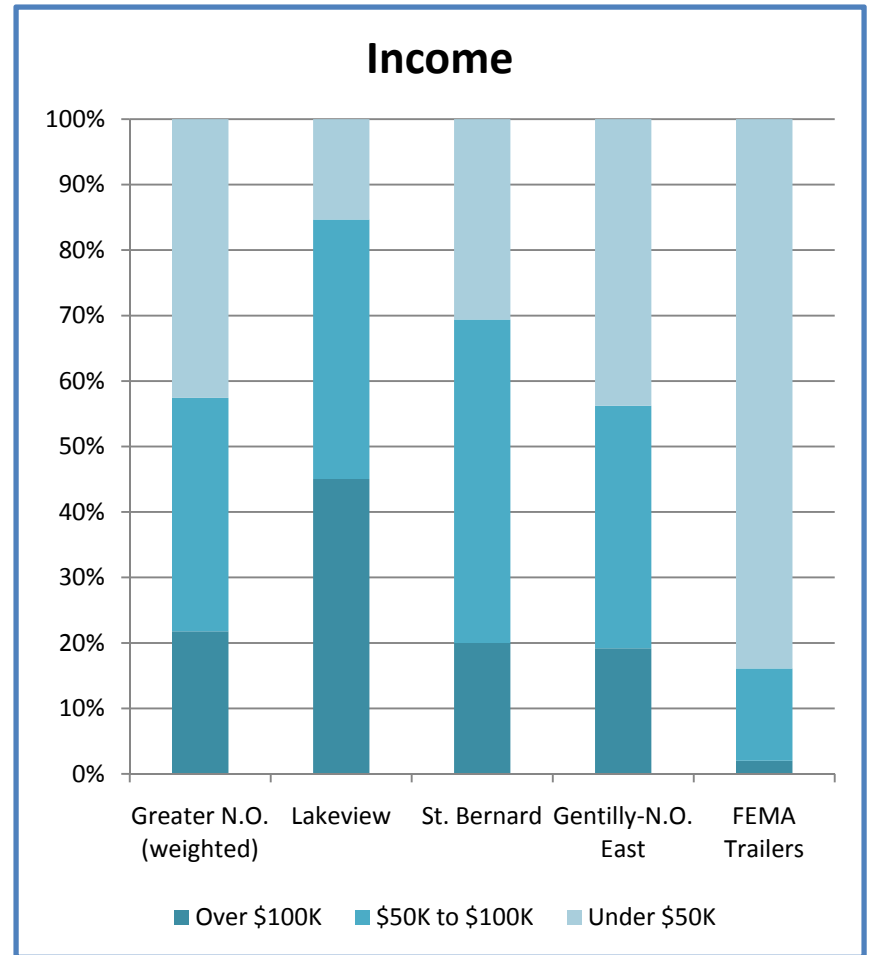
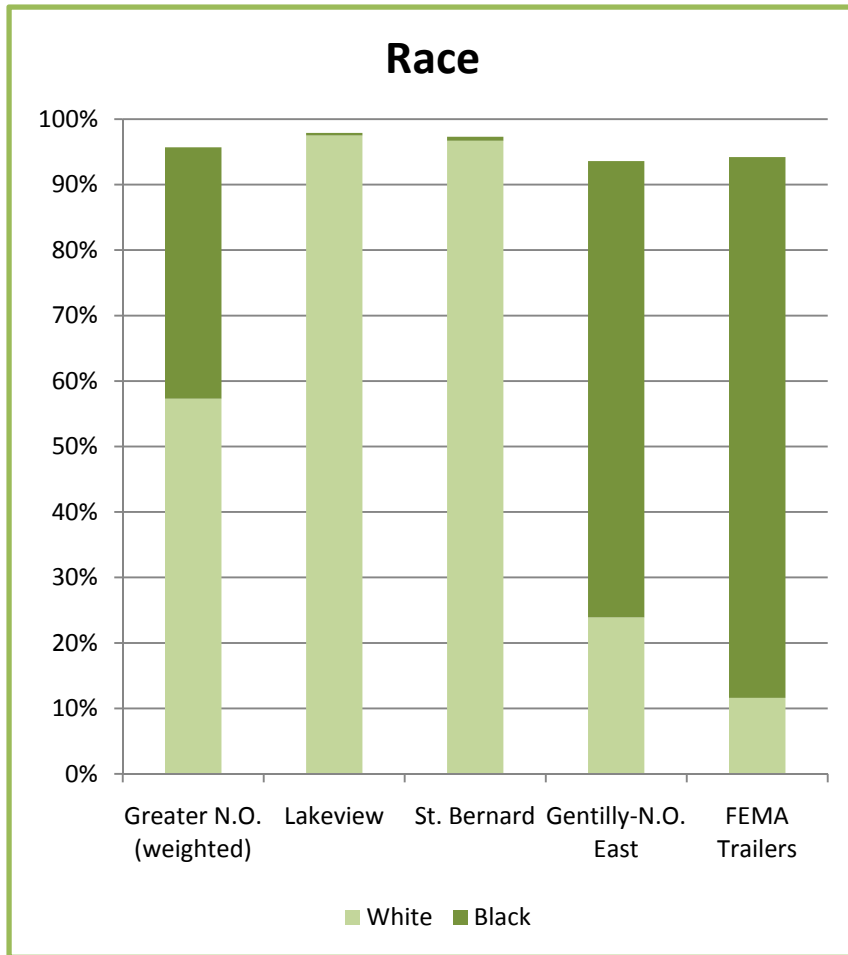


We worked with the Pontilly Neighborhood Association, who brought in 40 law student volunteers from around the country. We went door-to-door with them, doing the survey, and shared the results with the community.

Location of Interviews (partial)

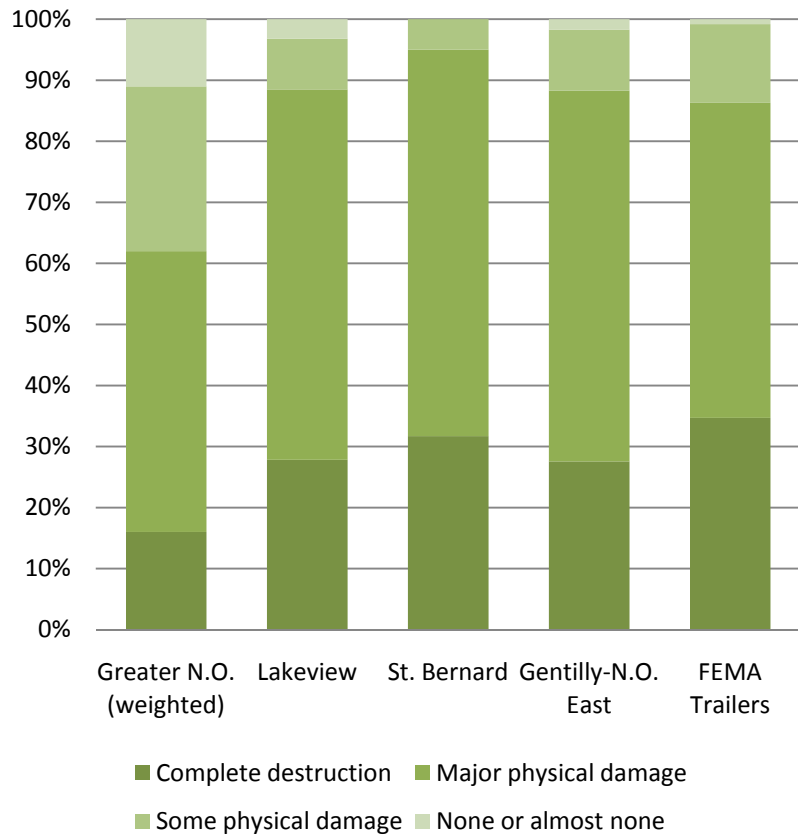


Demographic Characteristics

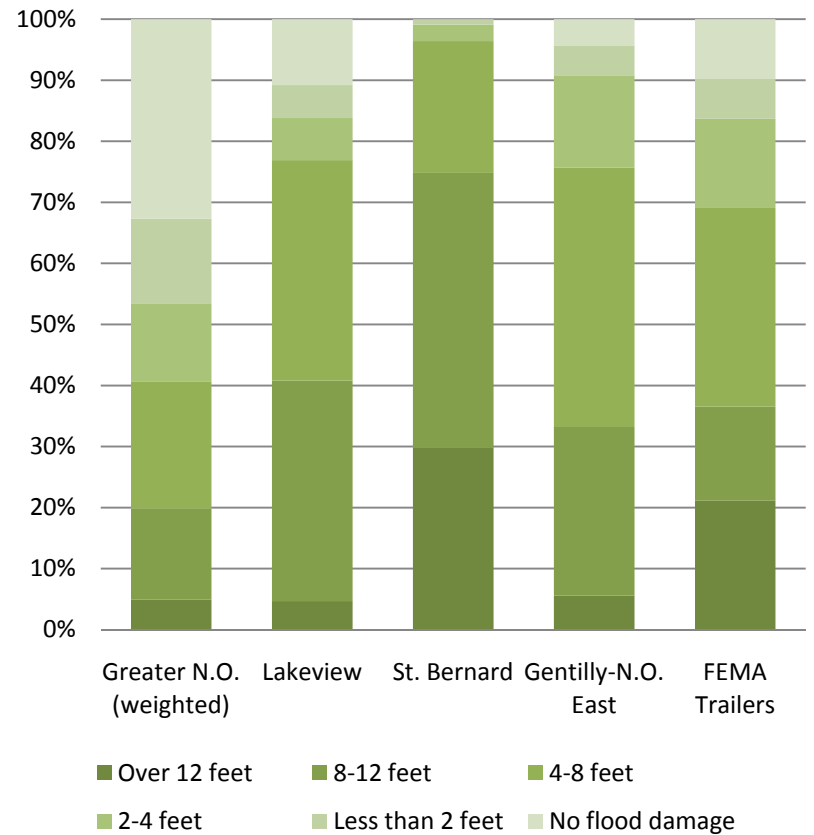


Storm Damage

Damage to residence



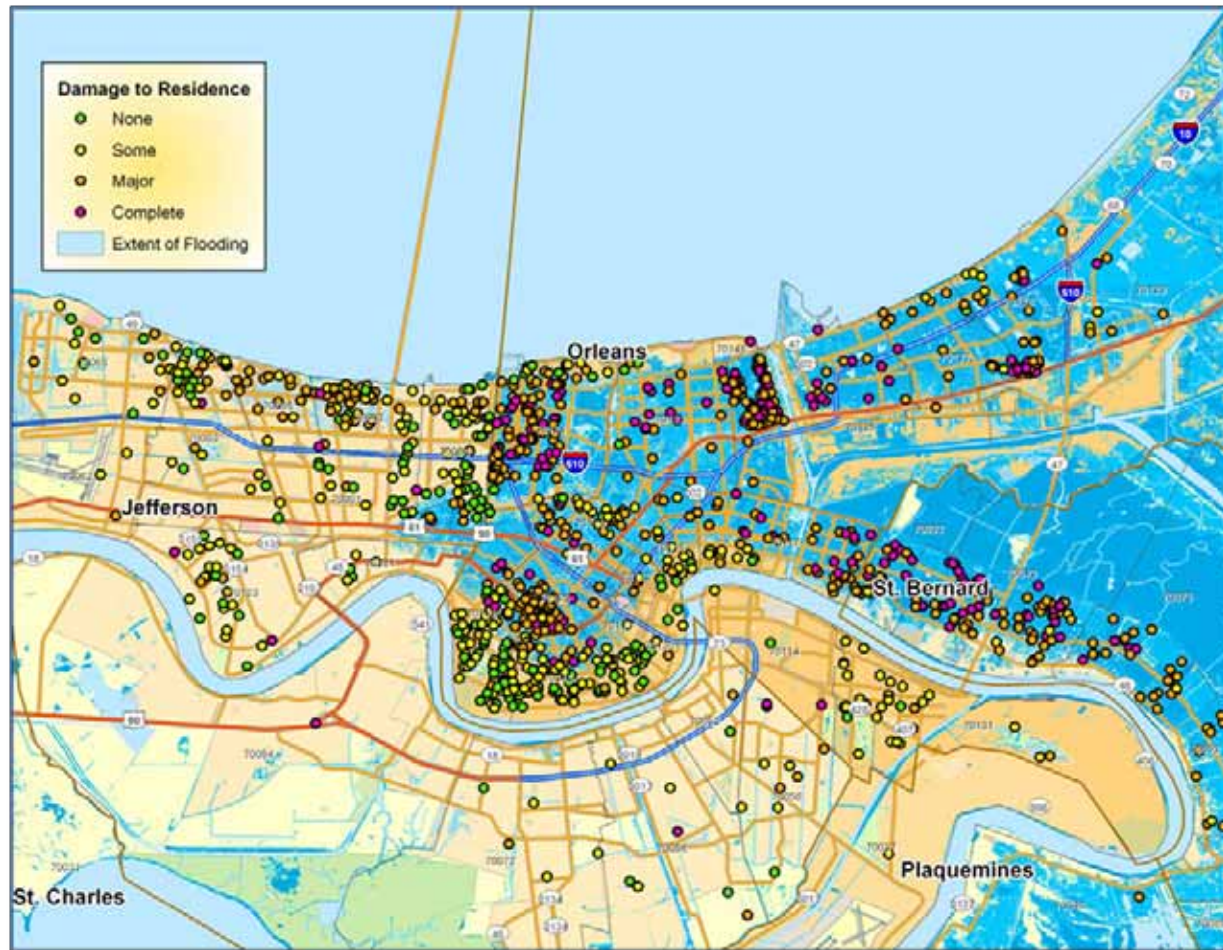
Flood depth



Storm Damage (Data from City)

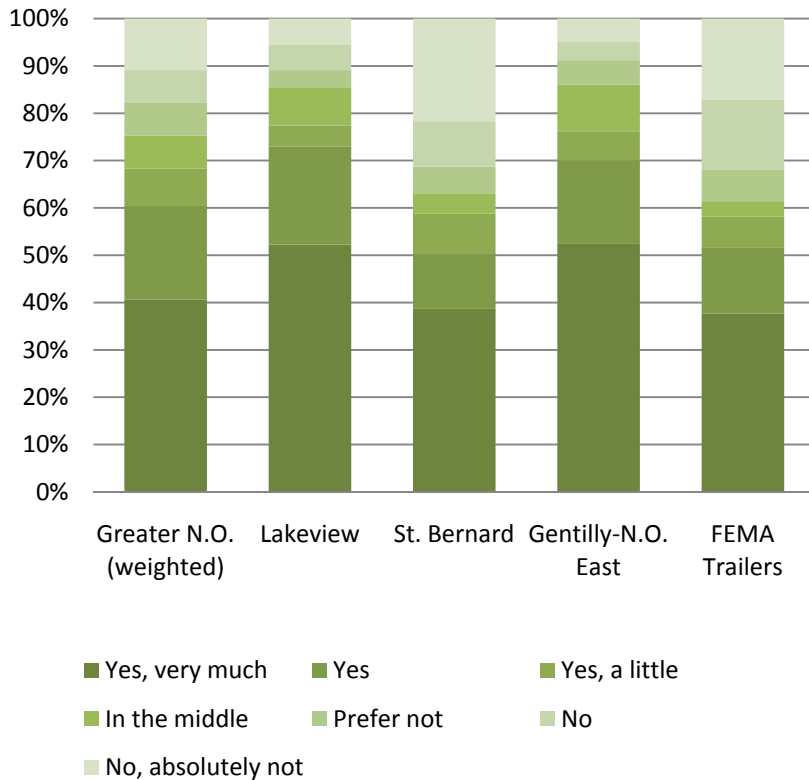


Storm Damage (Data from LSU Survey)



Want to Live in New Orleans

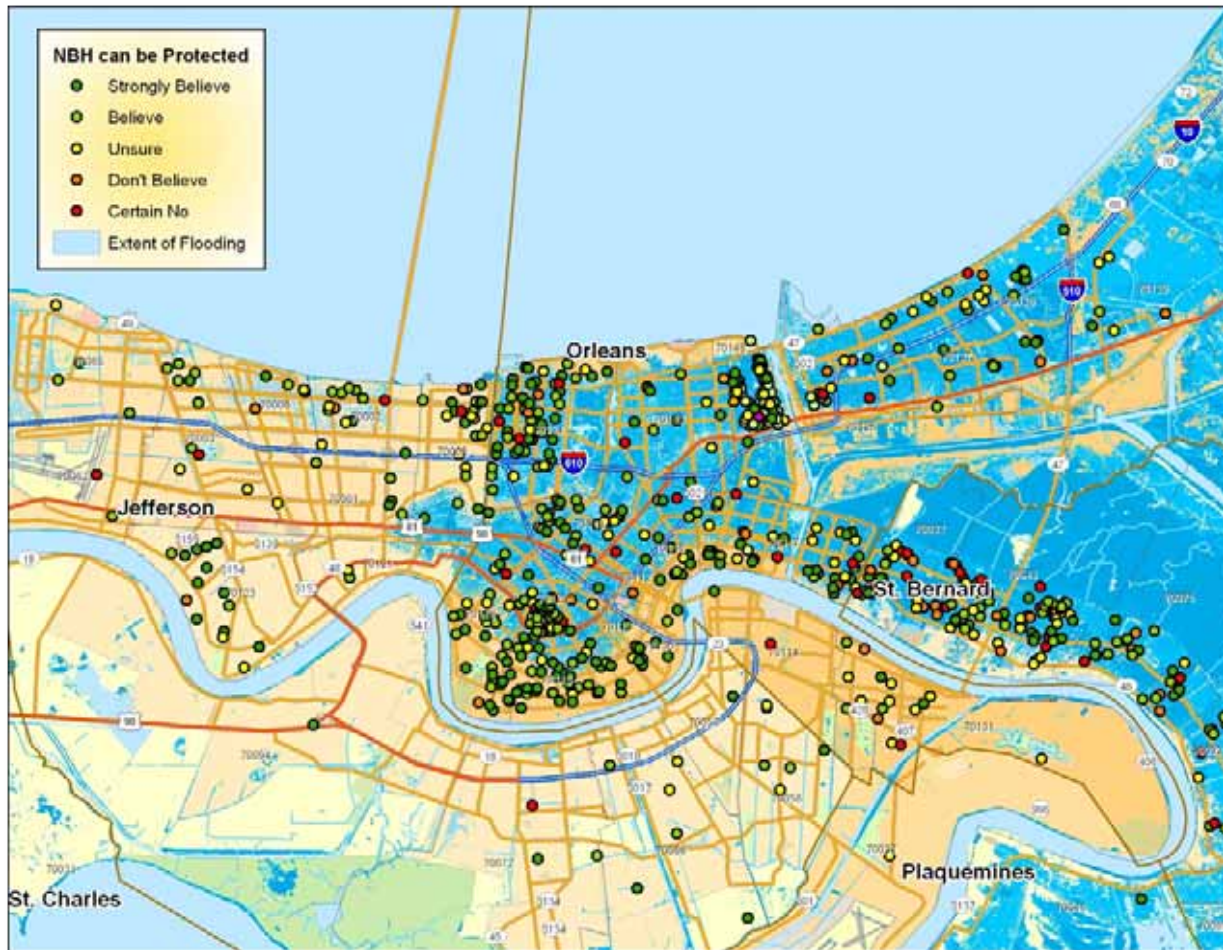
Want to live in Greater New Orleans



Want to live in neighborhood before Katrina

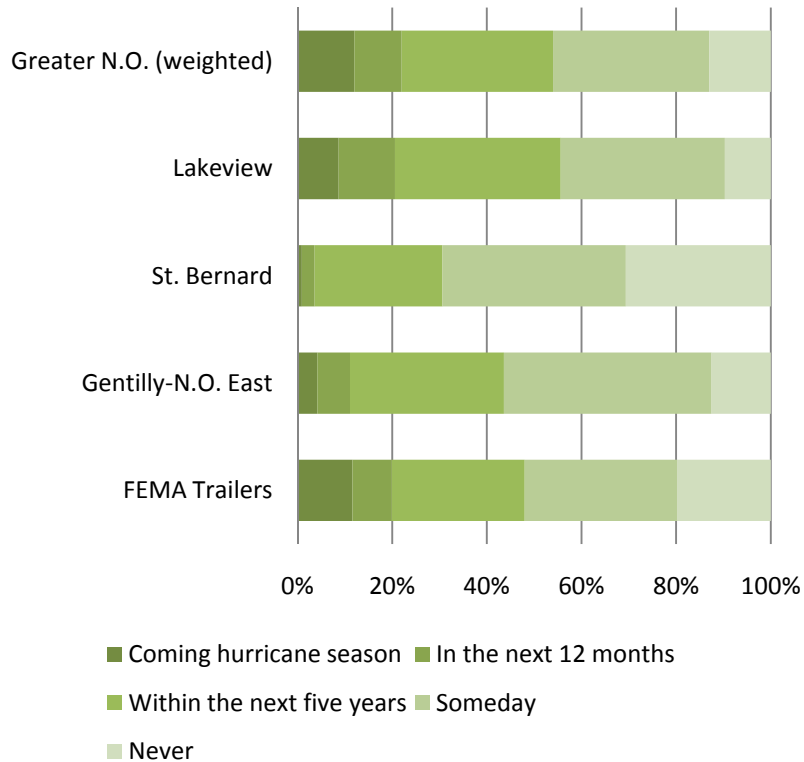


Optimism about Flood Protection

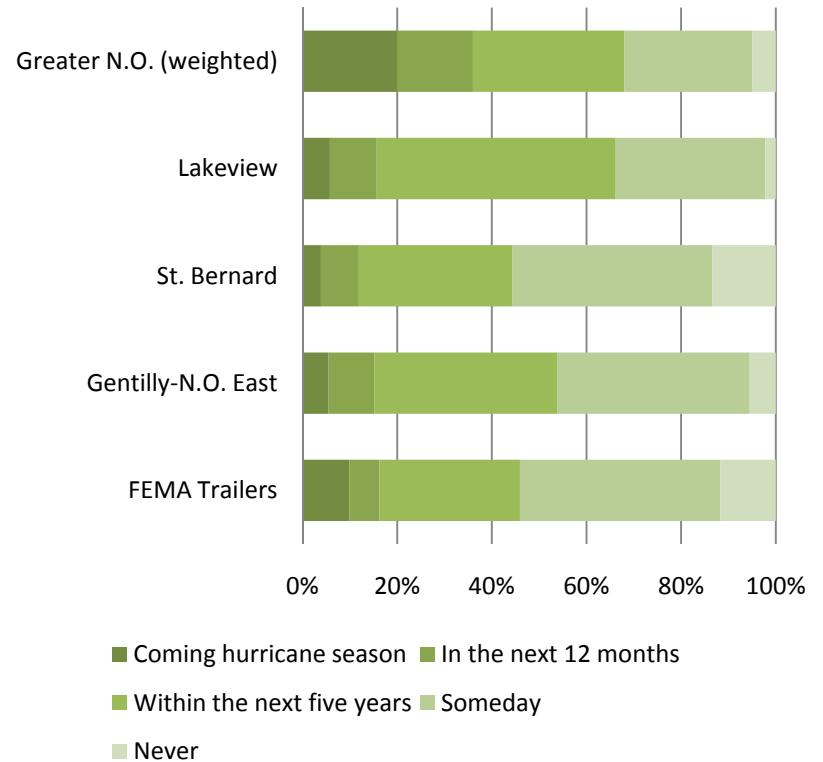


Expectations of Storm Recovery

Neighborhood I lived in will be protected from flooding

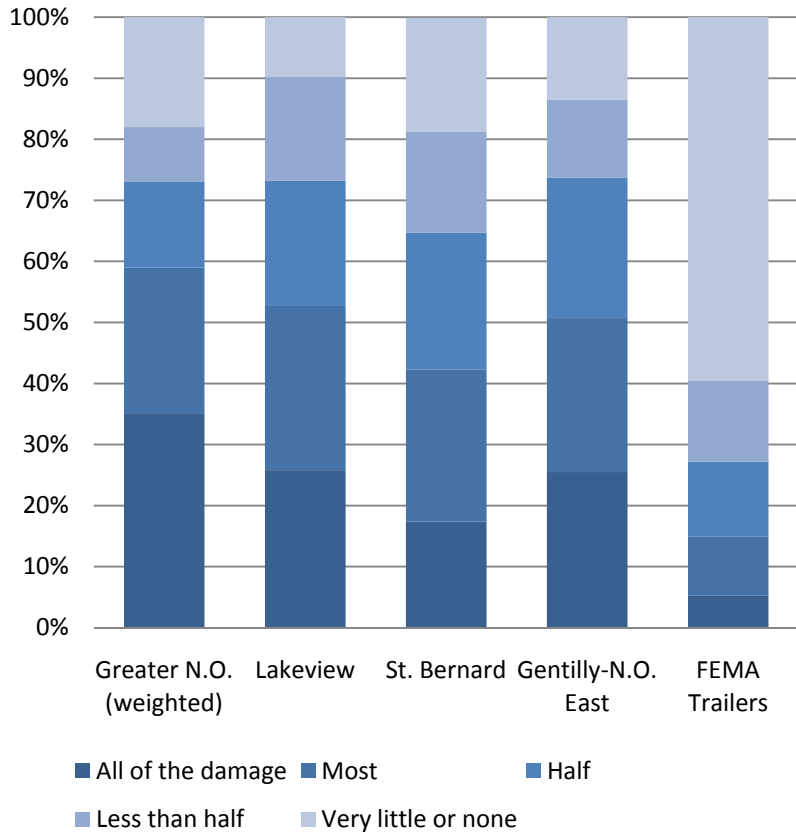


Neighborhood I lived in before Katrina will recover

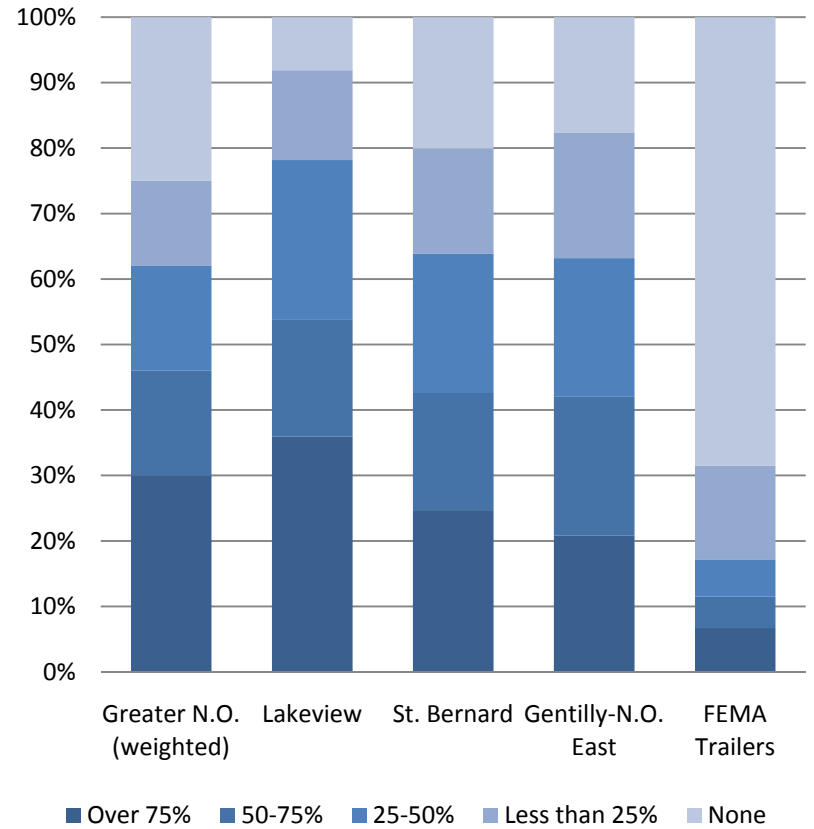


Resources to Rebuild

Have enough to repair or replace

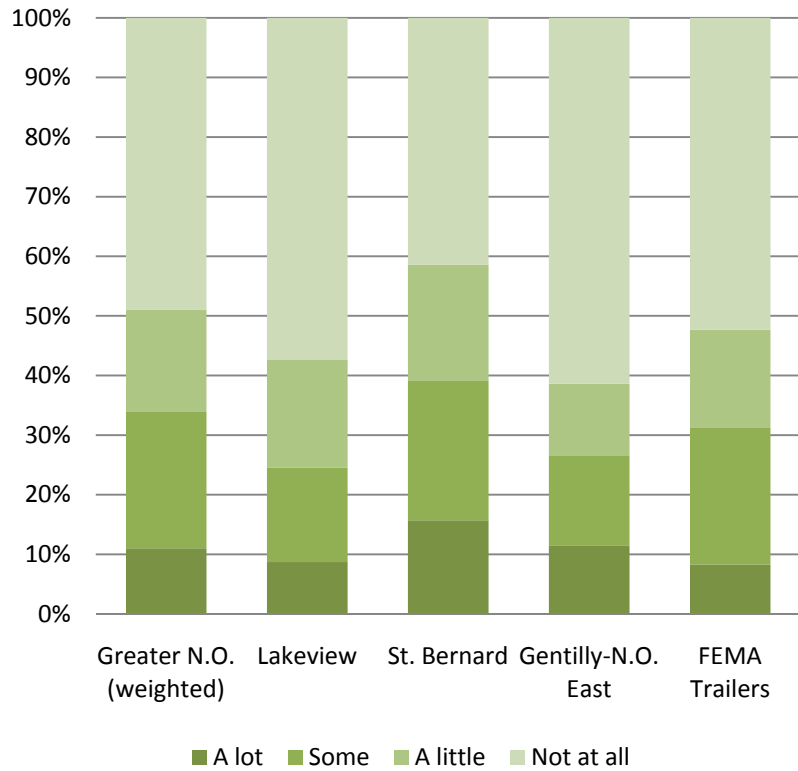


Source of Funds - Insurance

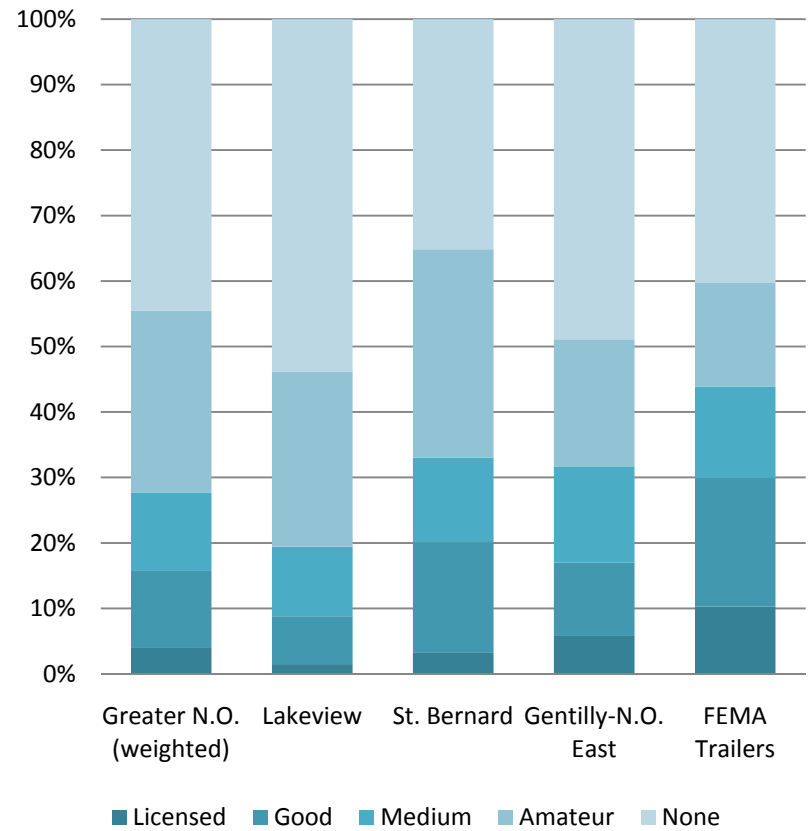


Cooperation in Recovery Work

I did Recovery work for relatives, friends

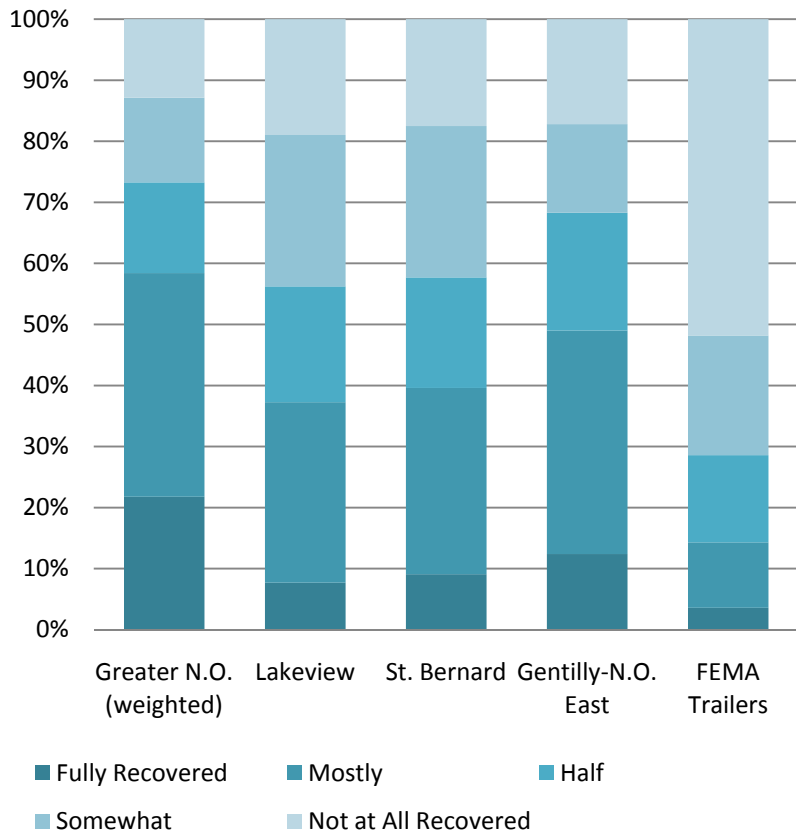


Skills in construction

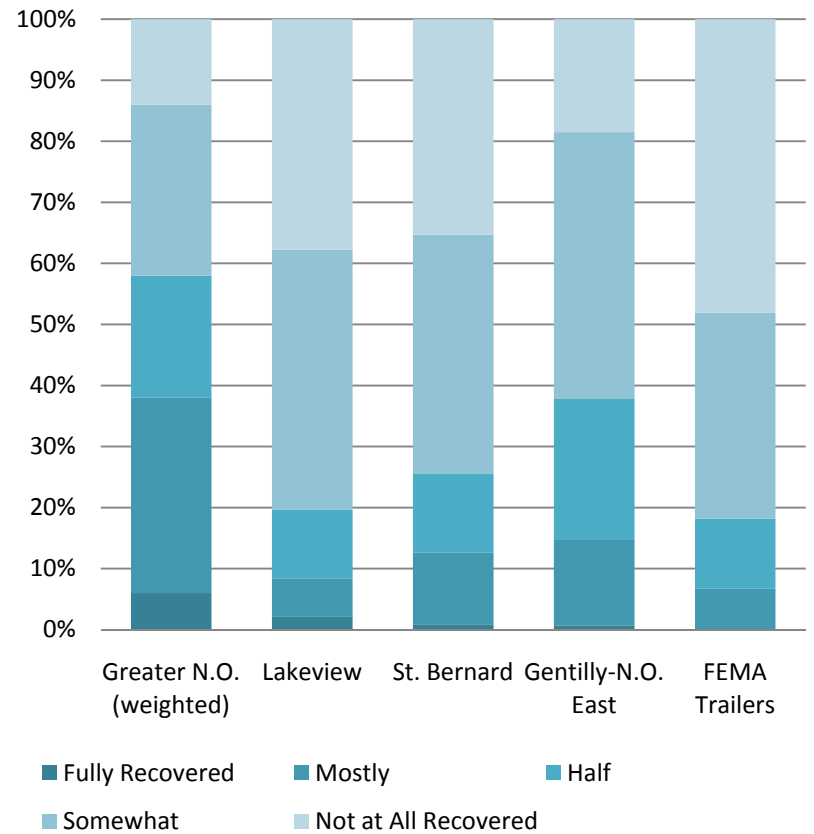


Degree of Hurricane Recovery

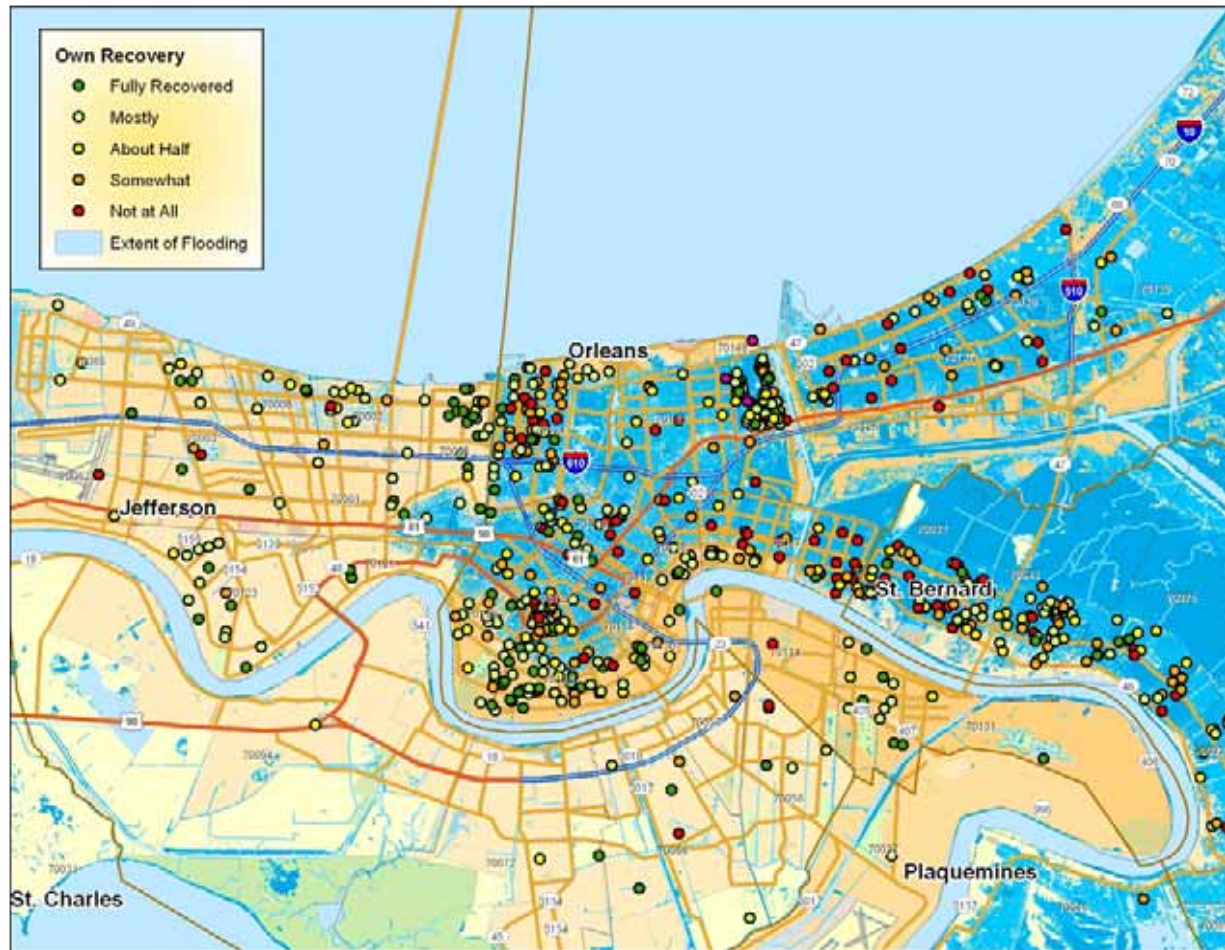
Your own household



Your neighborhood

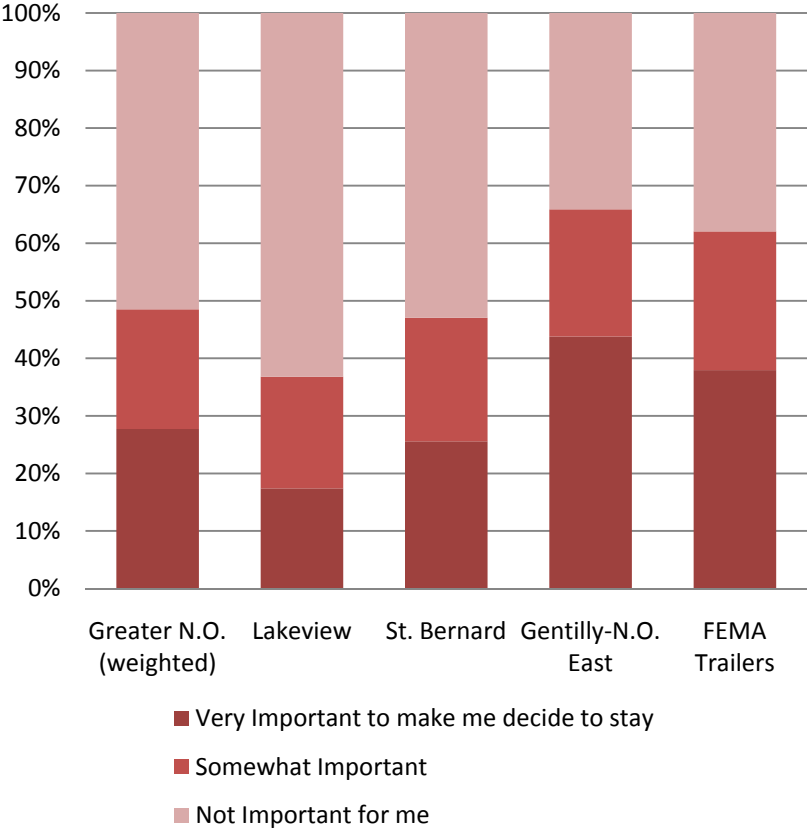


Degree of Hurricane Recovery

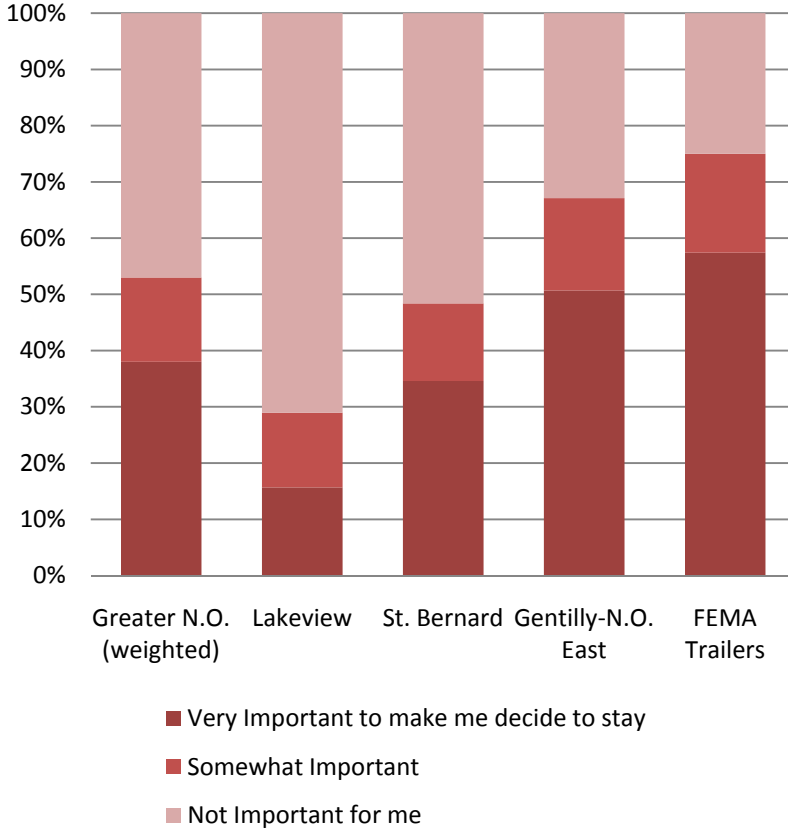


What's Needed in order to Return

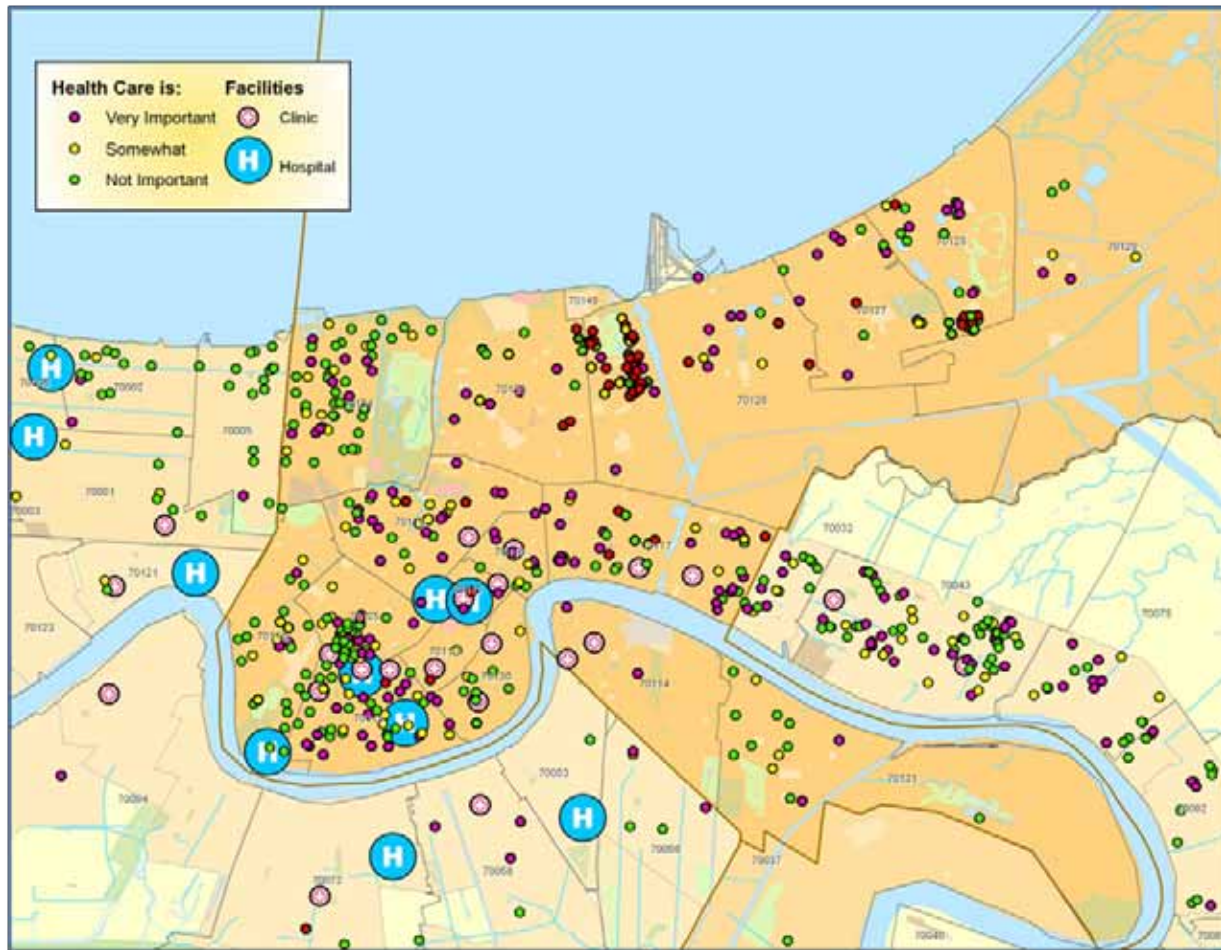
Building repair or restoration help



Health care



People are More Worried about Health Care in the East, where there are Fewer Medical Facilities



Stress Due to Hurricane - 1

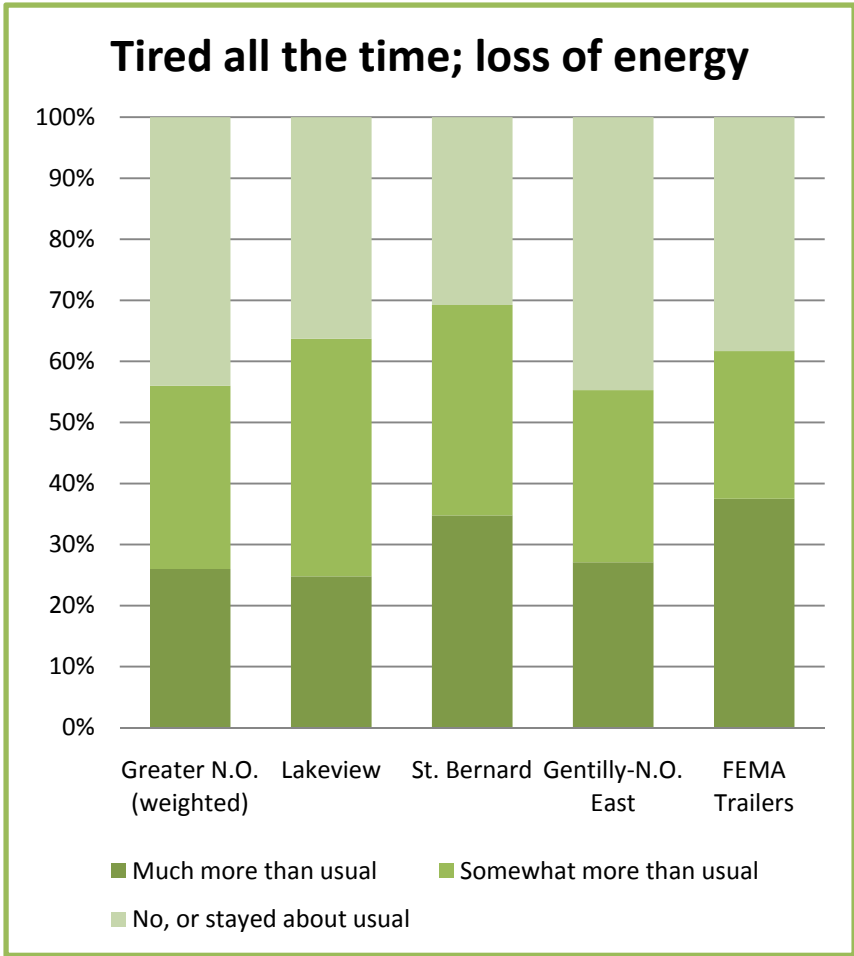
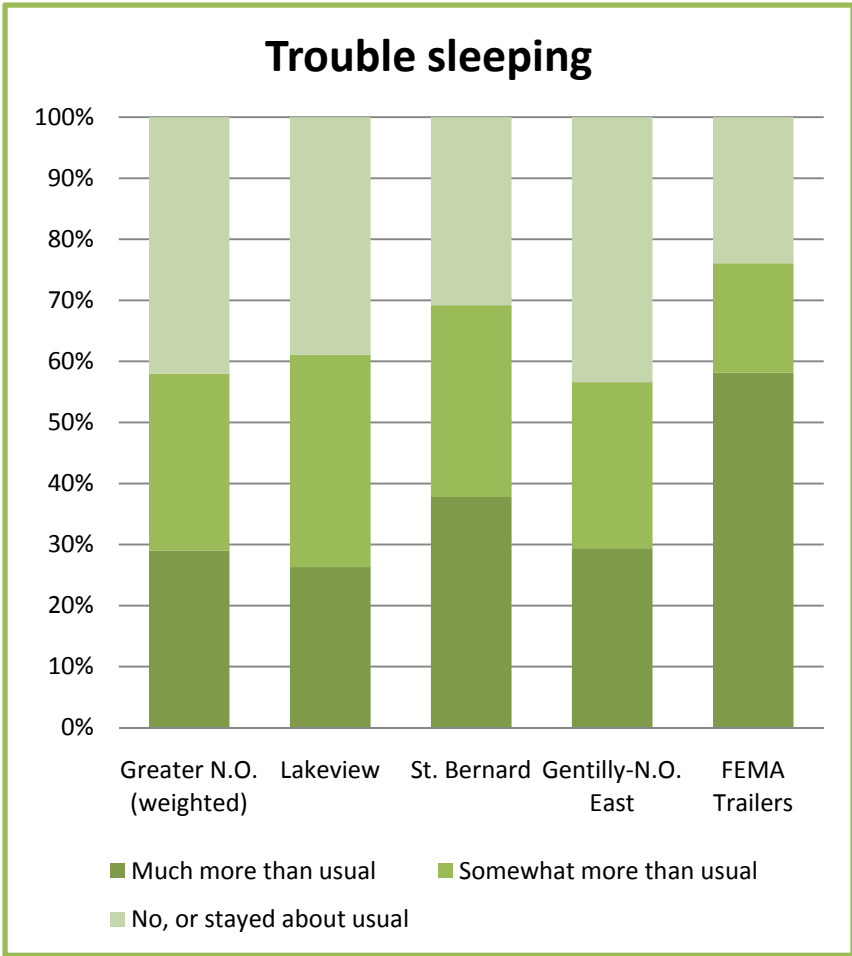
Depressed because of Katrina



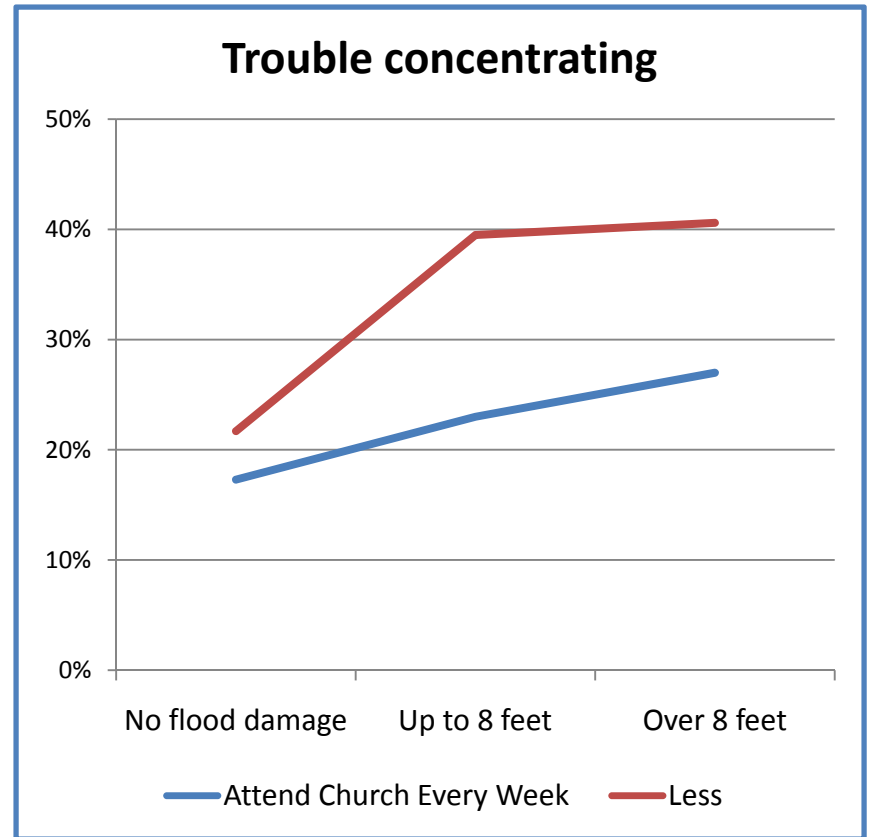
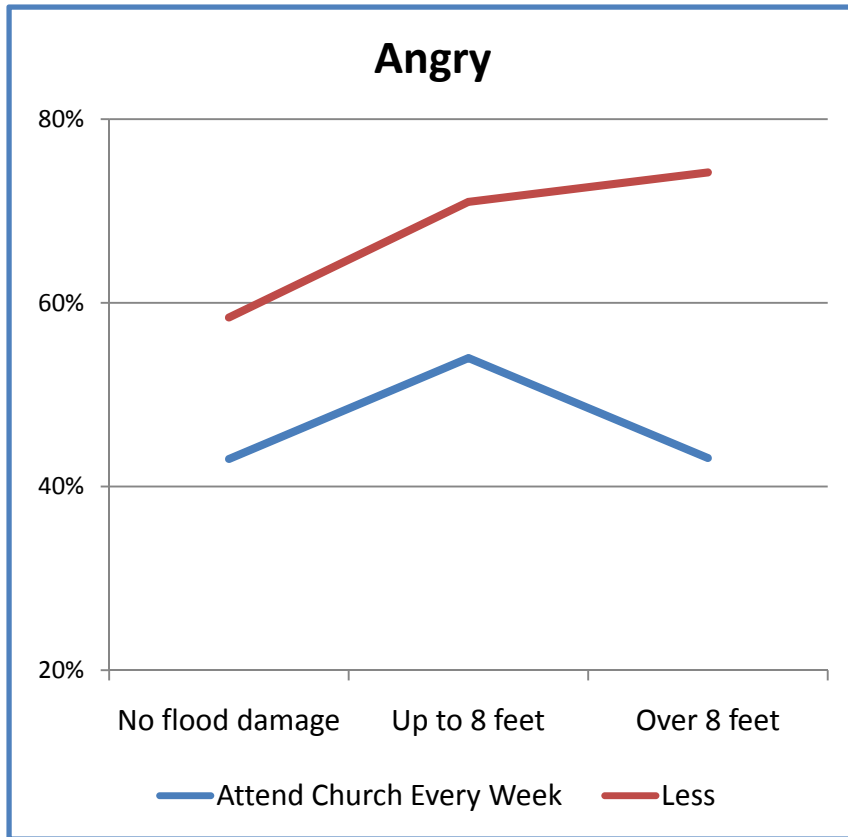
Angry because of Katrina



Stress Due to Hurricane - 2



Social Support Reduces Stress: Church Attendance



Social Support Reduces Stress: Café at Renaissance Village



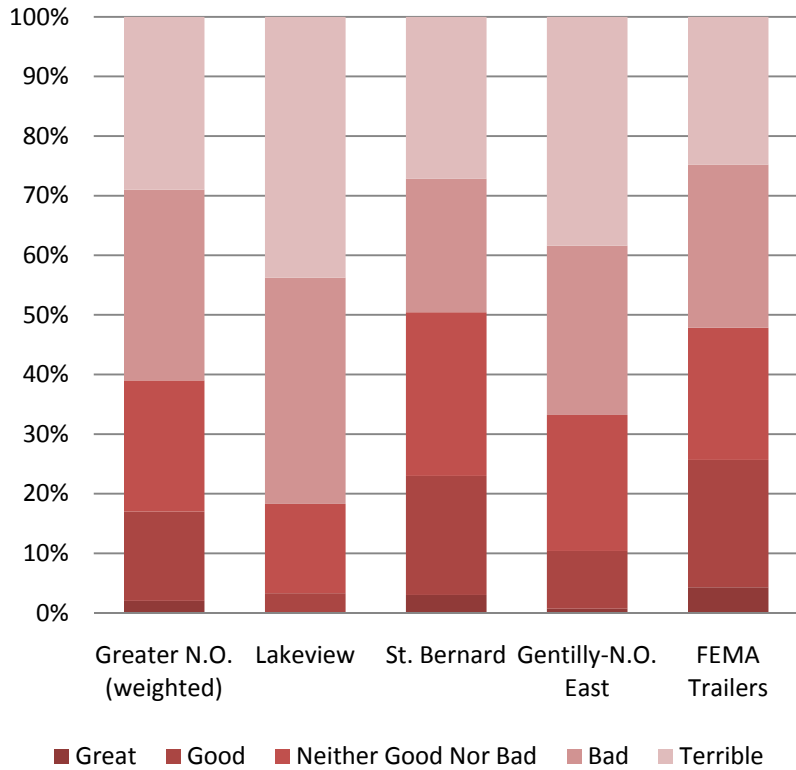
It's a pretty bleak place.



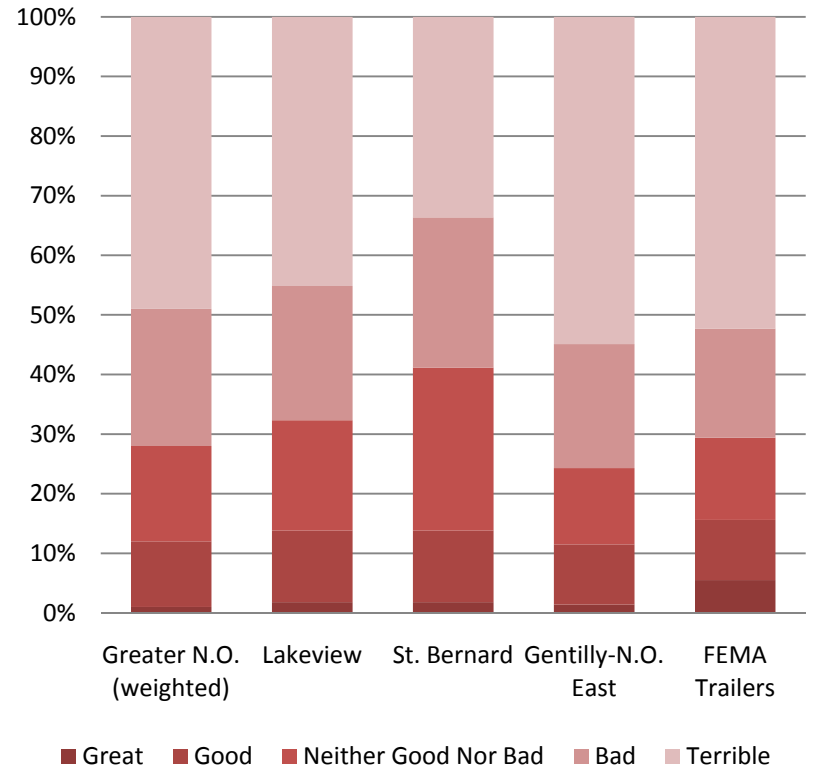
We wanted to create a community center where people could get together, talk, get information. We subscribed to 15 magazines of the residents' choice, the local paper, and provided free coffee. It did what we hoped – 600 unique visitors a month – and was cost-effective.

Government Job Responding to Hurricane

Local government job responding to Katrina

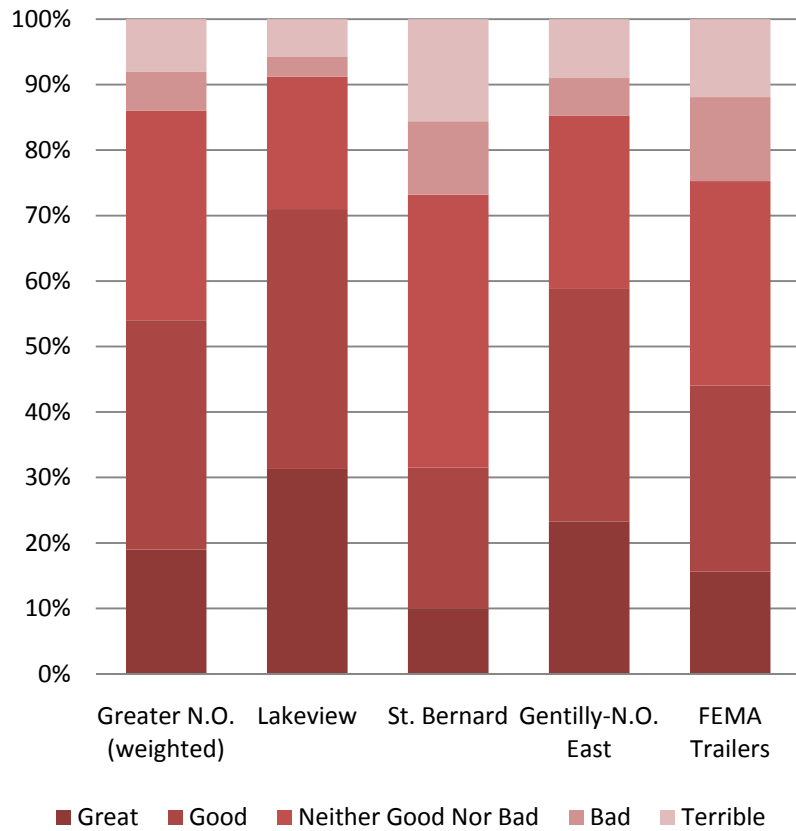


President Bush job responding to Katrina

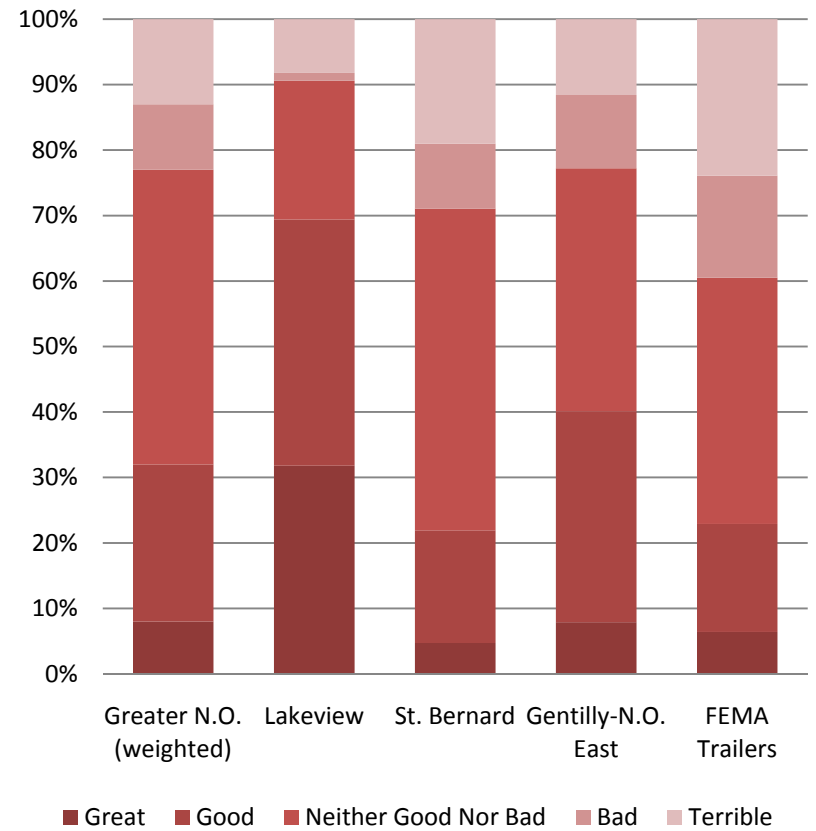


Nonprofit Job Responding to Hurricane

Leadership of your congregation

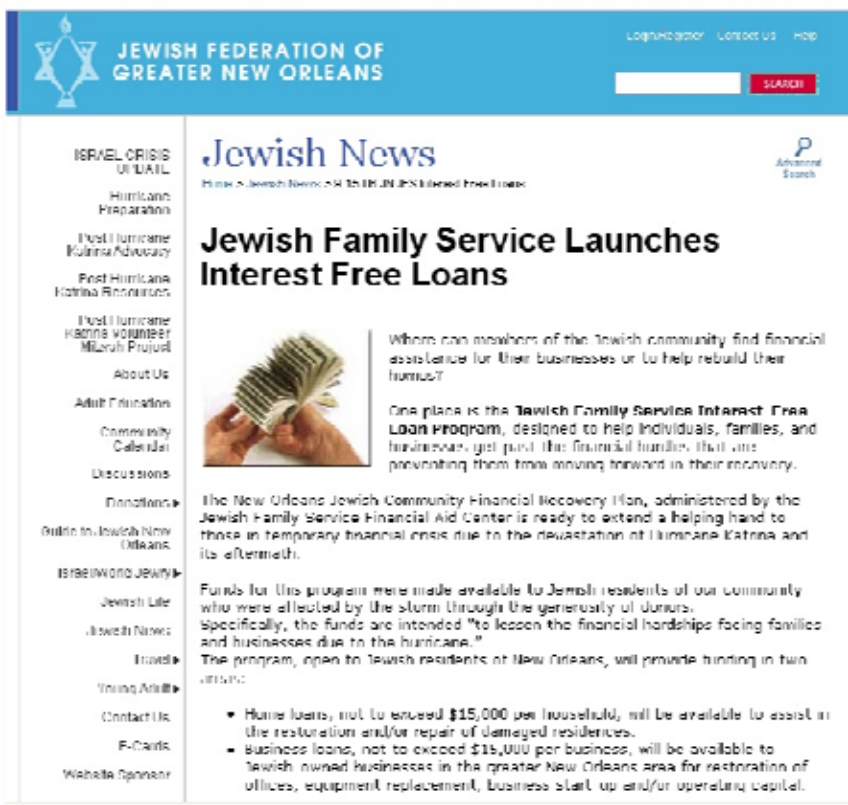


Your Neighborhood Association



Vietnamese and Jewish Community Leaders Comparing Notes on Recovery Strategies.

Item: It's not all "Culture." Lots of it is Strategy and Planning that others can adapt.



The screenshot shows the website for the Jewish Federation of Greater New Orleans. The header includes the organization's name and a search bar. The main content area features a news article titled "Jewish Family Service Launches Interest Free Loans". The article includes a sub-headline, a photograph of hands holding a stack of cash, and a list of bullet points detailing the loan program's terms and purpose.

JEWISH FEDERATION OF GREATER NEW ORLEANS

Home > Jewish News > ISRAEL, BUSINESS & More Topics

Jewish News

Jewish Family Service Launches Interest Free Loans

When can members of the Jewish community find financial assistance for their businesses or to help rebuild their homes?

One place is the **Jewish Family Service Interest Free Loan Program**, designed to help individuals, families, and businesses get past the financial hurdles that are preventing them from moving forward in their recovery.

The New Orleans Jewish Community Financial Recovery Plan, administered by the Jewish Family Service Financial Aid Center is ready to extend a helping hand to those in temporary financial crisis due to the devastation of Hurricane Katrina and its aftermath.

Funds for this program were made available to Jewish residents of our community who were affected by the storm through the generosity of donors. Specifically, the funds are intended "to lessen the financial hardships facing families and businesses due to the hurricane."

The program, open to Jewish residents of New Orleans, will provide funding in two ways:

- Home loans, not to exceed \$15,000 per household, will be available to assist in the restoration and/or repair of damaged residences.
- Business loans, not to exceed \$15,000 per business, will be available to Jewish-owned businesses in the greater New Orleans area for restoration of offices, equipment replacement, business start-up and/or operating capital.



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