# Data needs during emergency response, recovery and future development

Lessons from New Orleans

Presented by:

**Allison Plyer** 

**Deputy Director** 

www.gnocdc.org



# **Emergency**Response

















GREATER





A product of Greater New Orleans Nonprofit Knowledge Works

Since 2001, this website has been the most widely used source for information about New Orleans' 73 neighborhoods. We've got easy-to-use Census 2000 data-including households without cars, poverty, age of housing stock and other demographics, as well as historical snapshots for every New Orleans neighborhood.

For New Orleans neighborhoods, click on an area below... (Scroll down to find data for the GNO 10-Parish area.)



#### Updates for Katrina

Our staff (from our various locations) are still working hard on a daily basis to connect you with up-to-date, reliable information about New Orleans neighborhoods.

#### Status of flooding & infrastructure

Status of electricity, water, hospitals, re-entry guidelines

Looking for New Orleans evacuees?

#### Maps of New Orleans:

Poverty Map (PDF)
Neighborhood Map (PDF)
Racial segregation in New
Orleans

Elevation Map-2.7MB PDF or HTML for slower connections

#### 'Numbers Talk' Newsletter

To make sure you're informed of all the latest releases of information, check back often, and sign up for our e-mail newsletter.

Your e-mail address:

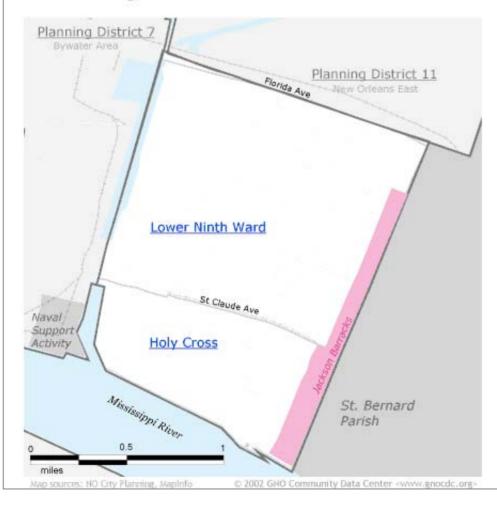
Sign Up!



Home )) Orleans Parish )) Lower 9th Ward District

#### Lower 9th Ward District (Planning District 8)

Click on a neighborhood below to see data about it...



#### The Lower 9th Ward

This whole area is commonly referred to as the "Lower 9th Ward," but it's worth keeping in mind that it contains both a neighborhood of that name as well as a second neighborhood - Holy Cross.

How is my neighborhood defined?

Articles on writing needs assessments:

<u>Using neighborhood</u>
<u>data: a case study</u> In this fictional (but realistic) story, see the process that one might go through in creating a persuasive Statement of Need for a grant proposal.

Numbers talk... and at the neighborhood level they may talk even louder! By using data about your specific neighborhood compared to the surrounding area, you can make a compelling case for funding.

What data do funders want to see in Problem Statements? Quick tips on what types of numbers are helpful and not helpful for



Home )) Orleans Parish )) Lower Ninth Ward District )) Lower Ninth Ward

#### Data Tables:

(Is this data current?)

People & Household Characteristics

Housing & Housing Costs

Income & Poverty

Transportation

Employment

Educational Attainment

Immigration & Language

Disabilities

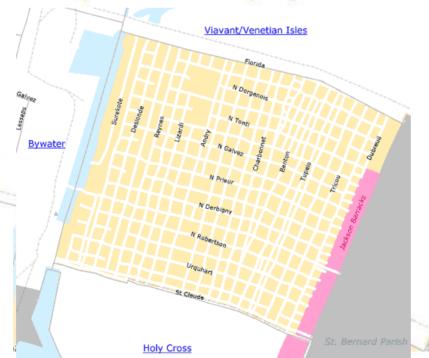
Neighborhood Characteristics

Give us your feedback...

#### **Lower Ninth Ward Neighborhood**

"The Lower Ninth Ward consists of two distinct neighborhoods, Holy Cross and this neighborhood, the Lower Ninth Ward, called by some, The Lower 9. The neighborhood is rich with small businesses, barber and beauty shops, corner stores, eateries, day care centers, as well as public schools and some say, far too many churches. It has a resilient history of survival and activism." [Read more in the Neighborhood Snapshot]

#### Street map with links to nearby neighborhoods:





Home ) Orleans Parish ) Lower Ninth Ward District ) Lower Ninth Ward ) Data Tables

#### Lower Ninth Ward Neighborhood: People & Household Characteristics

Data Tables: People & Household Characteristics, Housing & Housing Costs, Income & Poverty, Transportation, Employment, Educational Attainment, Immigration & Language, Disabilities, Neighborhood Characteristics

Finding the information you need within long rows of numbers is a tricky task, even under the best of conditions. When the terms used by the U.S. Census are different from everyday usage, the task becomes even harder.

For this reason, we've added a variety of side notes to these data tables, as well as links to the technical definition for each indicator. Our aim is to explain definitions that are sometimes misleading, and also to point you to additional information that you may find useful for program planning and grantwriting.

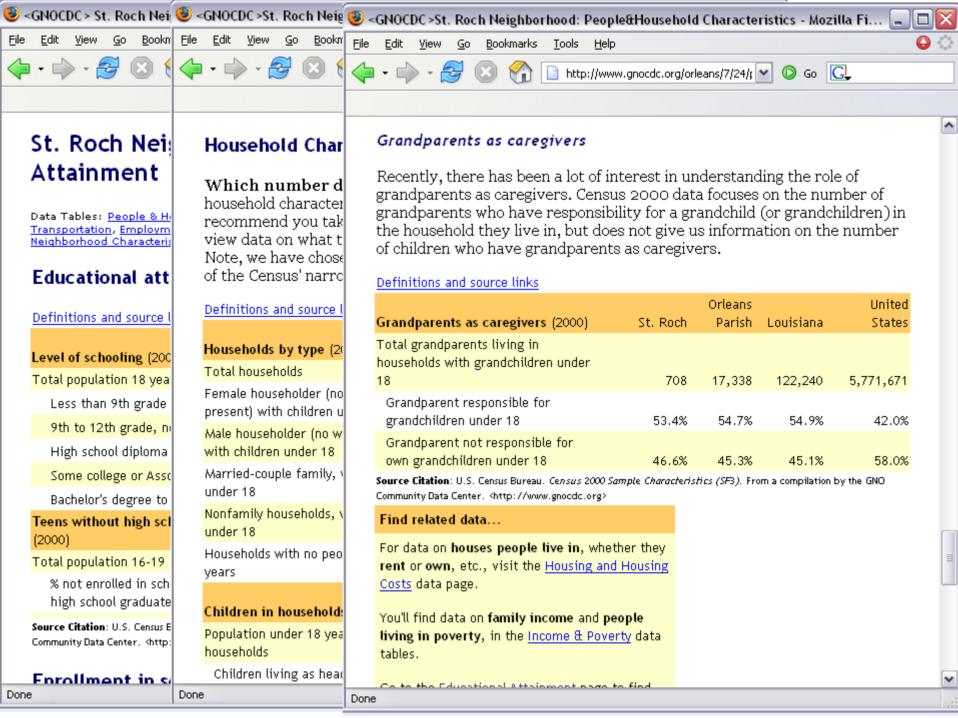
#### Definitions and source links

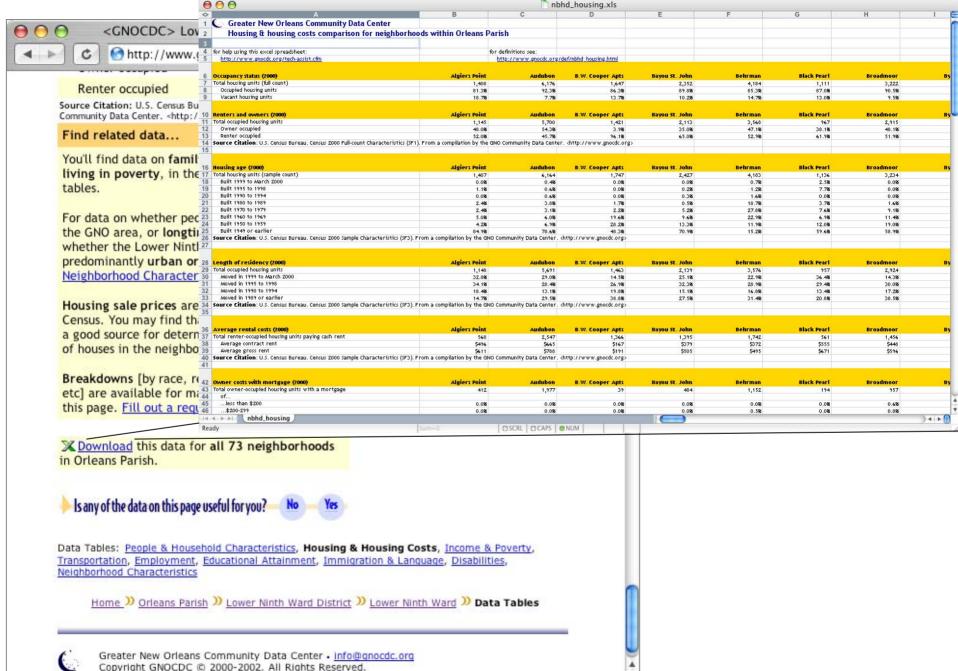
E-mail a friend

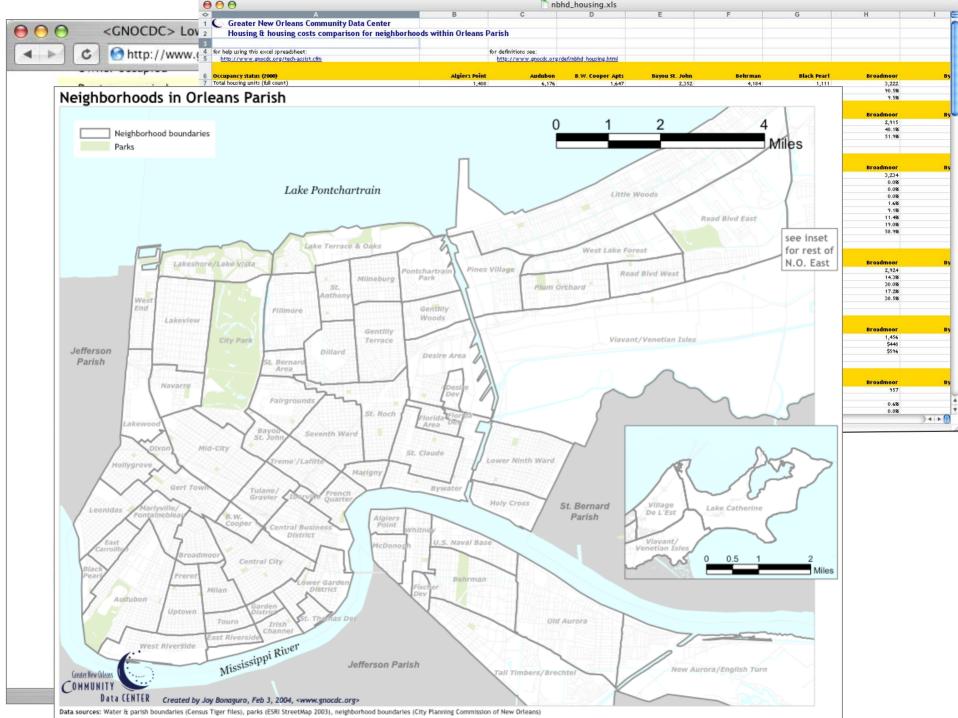
Total numbers (2000)	Lower Ninth Ward	Orleans Parish	Louisiana	United States
Population	14,008	484,674	4,468,976	281,421,906
Total households	4,820	188,251	1,656,053	105,480,101
Family households	3,467	112,977	1,156,438	71,787,347

Source Citation: U.S. Census Bureau. Census 2000 Full-count Characteristics (SF1). From a compilation by the GNO Community Data Center. <a href="http://www.gnocdc.org">http://www.gnocdc.org</a>

What's the difference between households and families? The Census definition of family is people living together who are "related... by









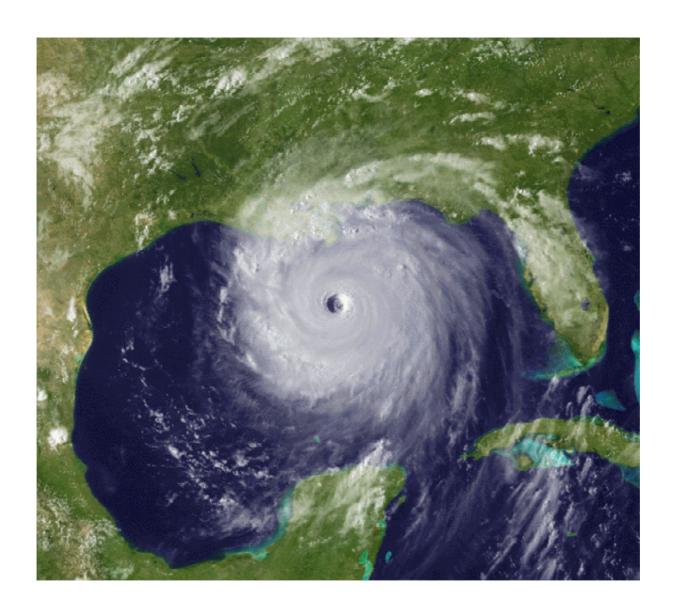
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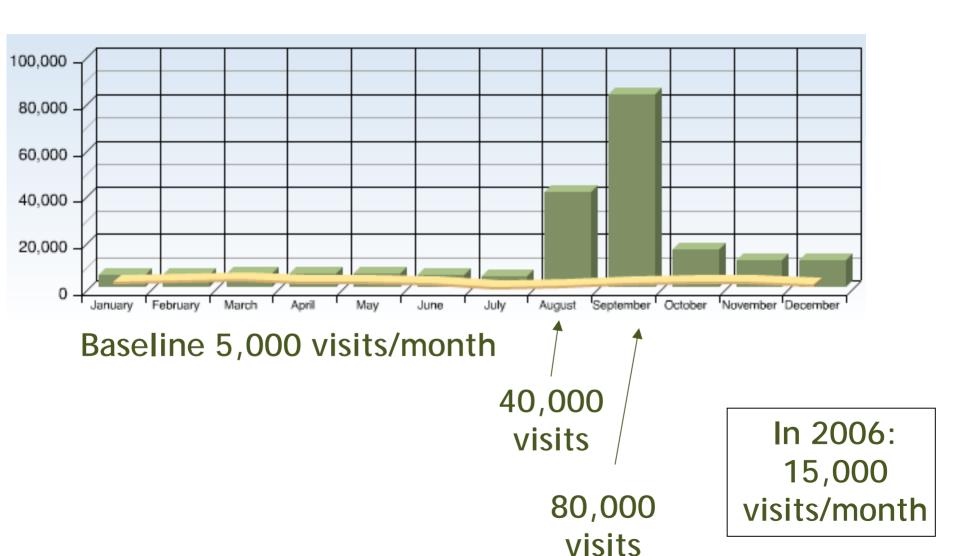
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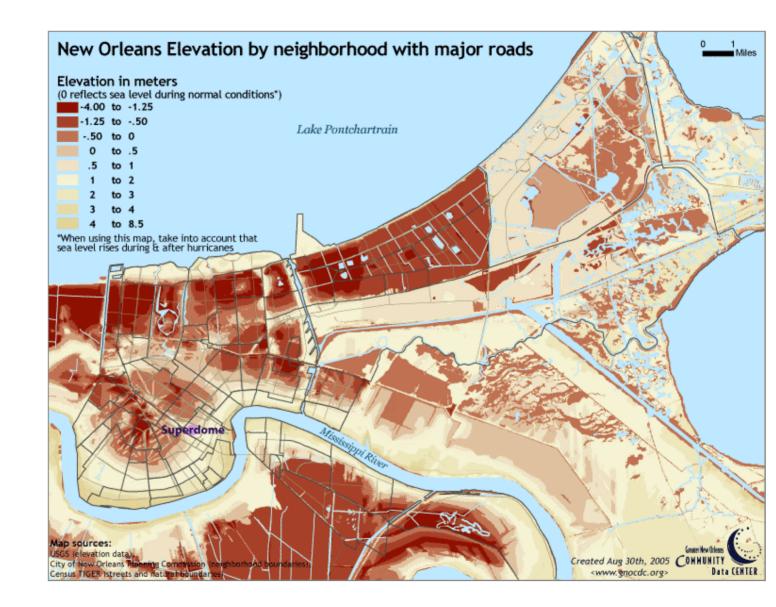


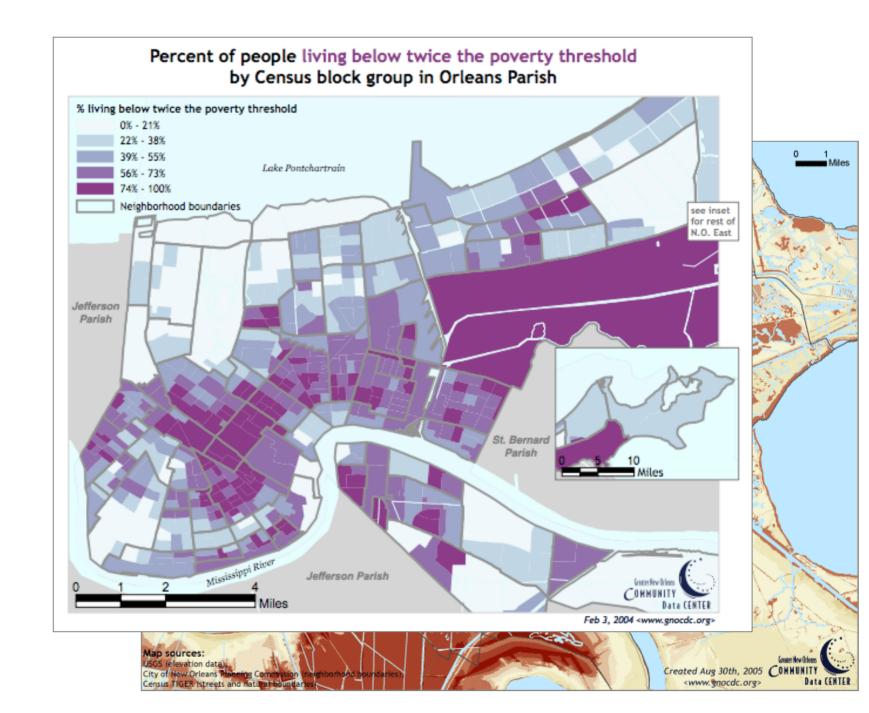


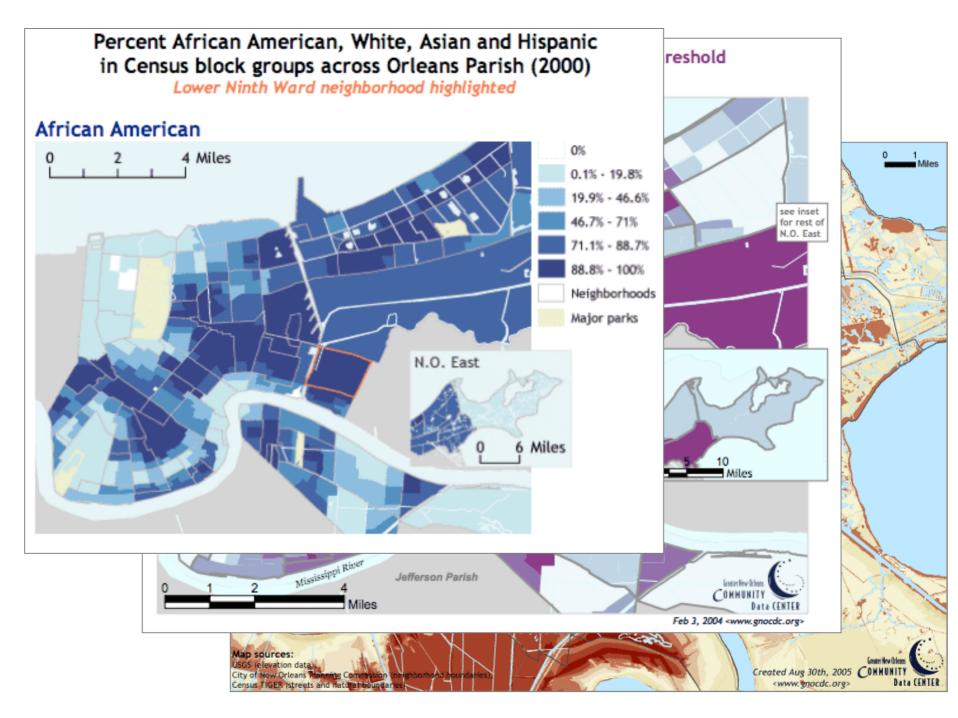


## 2005 visits to gnocdc.org











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#### 'Numbers Talk' Newsletter

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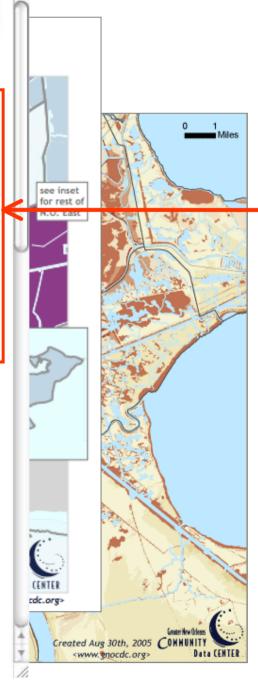
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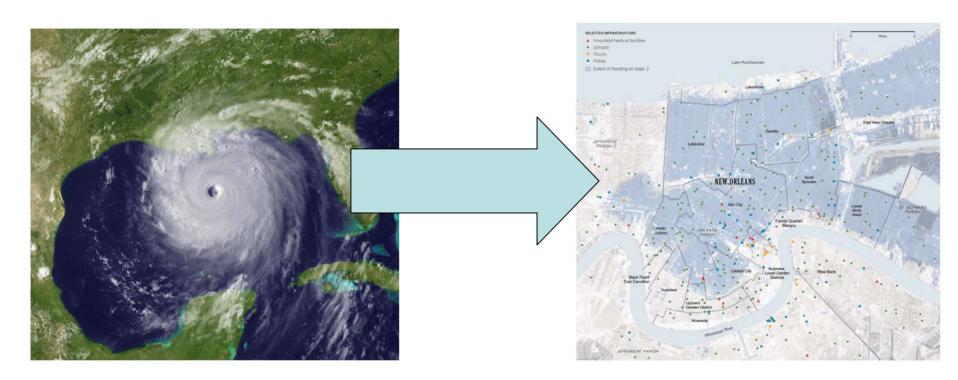
Sian Up!

(We respect your privacy and will not use your e-mail for any purpose other than sending you the newsletter.)

**Democratizing Data** 

Overcoming injustices, obstacles and frustrations. African





#### The New York Times

#### The Neighborhoods That Were Hit Hard And Those That Weren't

Rebuilding New Orleans will take years or decades and cost untold sums. While large swaths of the city may have to be bulldozed, a strip of unflooded land containing hospitals, government buildings, schools, historic homes and tourism sites suffered minimal damage

The people who lived in the areas of New Orleans that were still flooded days after Hurricane Katrina struck were more likely to be black, have more children, earn less money and be less educated than those in the rest of the city. The flooded areas were home to about 346,000 people - 71 percent of the city's population — and contained more than two-thirds of the city's homes.

The map shows the extent of the flooding on Sept. 2, after the water level had stopped rising, but several days before crews were able to plug breaches in levees and start pumping water out.

DATA FROM 2000 U.S. CENSUS

Areas with significant flooding	Areas with little or no flooding		
mooning	Population		
346,000		138,000	
F	Race and ethnicit	у	
76%	BLACK	43%	
18	WHITE	49	
3	HISPANIC	4	
2	ASIAN	2	E.
1	OTHER	2	8
	Age		2
PERCENTA	AGE OF RESIDENTS TH	HAT WERE:	
28%	UNDER 18	22%	
11%	OLDER THAN 65	12%	
Sir	ngle-parent famil	ies	
29%	PERCENTAGE OF FAMILIES WITH SINGLE PARENTS	21%	
	Education		
72%	HIGH SCHOOL GRADUATE	82%	
21%	BACHELOR'S DEGREE OR HIGHER	38%	
	Income		
\$25,759	MEDIAN HOUSEHOLD INCOME (1999)	\$31,455	
\$4.9 BILLION	TOTAL AMOUNT EARNED BY ALL RESIDENTS	\$3.2 BILLION	POPUL
29%	POVERTY RATE	25%	AVG. IN
PERC	ENTAGE OF HOUSEH WITH INCOMES OF:	OLDS	
56%	LESS THAN \$30,000	48%	
6%	MORE THAN \$100,000	13%	
	Houses		
145,000	NUMBER OF HOUSING UNITS	70,000	POPUL
23%	HOUSES BUILT BEFORE 1940	44%	AVG. IN
52%	OCCUPIED BY RENTERS	56%	
	Transportation		

HOUSEHOLDS WITH NO VEHICLE



		JEFFERSOI	N PARISH	
155		Areas with signific	eant flooding	
2	AREA	North Uptown	Lakeview	Mi
ON	POPULATION	38,700	22,300	76
	AVG. INCOME	\$38,530	\$69,777	\$2
% %		Residential and commercial area home to middle and working class; houses range from mansions to small shotgun houses.	Moderately to very wealthy area with beautiful homes, large park, city art museum and lavish cemetery.	ind ind ind Un ce ind
0		Areas with little o	r no flooding	
	AREA	Black Pearl/	Audubon	Ri
00		East Carrollton	44.000	
	POPULATION	6,200	14,900	12
%	AVG. INCOME	\$52,336	\$108,964	\$3
%		Mostly middle-class homes and apart-	Includes a 127-acre park, Tulane and	Re of
/n		mont buildings	Lacrata contravalitas	Sec. or

contains oldest

railway line.

operating street

orth Uptown	Lakeview	Mid-City
3,700	22,300	76,900
18,530	\$69,777	\$25,583
esidential and ommercial area ome to middle and orking class; ouses range from ansions to small lotgun houses.	Moderately to very wealthy area with beautiful homes, large park, city art museum and lavish cemetery.	Mostly working- class and low- income housing; includes Xavier University, historic cemeteries and industrial area.

Audubon	Rivers
r no flooding	
museum and lavish cemetery.	Univer cemet indust

Riverside	Uptown/ Garden District
12,700	11,900
\$38,149	\$59,203

historic

\$26,962

38,149	\$59,203
esidential area	Home to wealthy
f moderate-	and middle-class
come families of	families, with
arious ethnicities;	architecture
ontains a few	ranging from man-
istoric parks.	sions to single
	shotgun houses.

#### \$43,2 Most inclu

Business, Lower

**Garden Districts** 

Contains main

and recreation

commercial, bus-

iness, government

facilities, along with

art galleries and

historic buildings

10.900

\$47,985

Home to low- and middle-class families, who mostly rent; many homes are shotgun distri houses built on acre park brick piers.

00	02,000
272	\$27,720
tly middle-class	Mostly low-inc
with high rate	and working-
me ownership;	housing with
des historic	industrial area
ict and 200-	historical sign

large ea: of cance to African-American history.

French Quarter/

Oldest part of New

Orleans and main

tourist destination;

hotels, bars, shops

and historic homes.

contains many

Marigny

\$58,571

4.200

#### 19,500 \$28,826 Mostly middle- to

low-income families who rent; large number of small businesses schools and churches.

West Bank

58.800

\$45,249

Industrial and

residential area,

including a large

small businesses

and subdivisions

#### 96,400 \$41,997 Moderate-income area with subdivisions, large business and manufacturing areas and a wildlife refuge

Lakeshore 5.800 \$112.094 Wealthiest residential area of the city; includes military installation. popular entertainment district and the University of New Orleans.

Loyola universities

historic mansions

and the city zoo.



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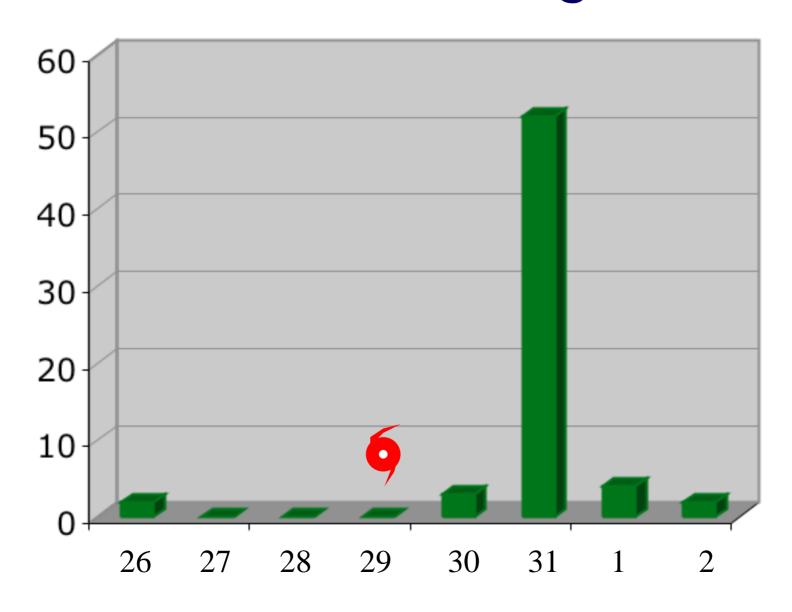
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### Questions coming in...



"I am involved in mapping and analysis for EPA. The neighborhood map you have (and all the other maps) are great.

I am trying to help build our spatial library for the response and would like to get a shapefile of the neighborhood boundaries."

"Hello, folks

We're finding your Web site incredibly useful as we try to learn a lot in a short period of time about the neighborhoods in New Orleans - many, many thanks.

A very basic question: Is the 9th Ward, the Lower 9th Ward, the Old 9th Ward all the same neighborhood to the east of the Industrial Canal?

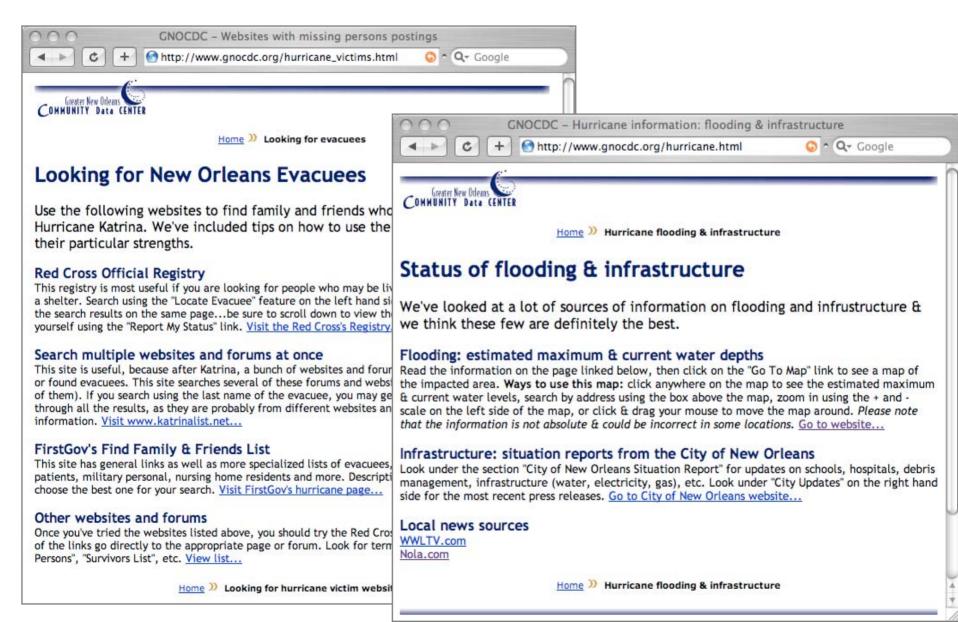
Thanks, and best,

Jessica Mintz
The Wall Street Journal."

PLEASE HELP - I live in Metairie on Jeannette Dr."

"Was there flooding at 4672 Painters Street in the Gentilly area? My sister is there alone and did not evacuate. It is a 3 level home, but if you know of anything please, in God's name, please email us."

### Best resources for FAQs



"I think this is an amazing service! I've been through several hurricanes and floods and have not seen this -- keep up the great work."

-United Way of America
Director, Crisis Preparedness, Response and Recovery



















GREATER











GREATER

**NEW ORLEANS** 

#### **AMERICA SPEAKS**



#### The Annie E. Casey Foundation

STATES

SENATE











MINIST RIES

**United Way** 











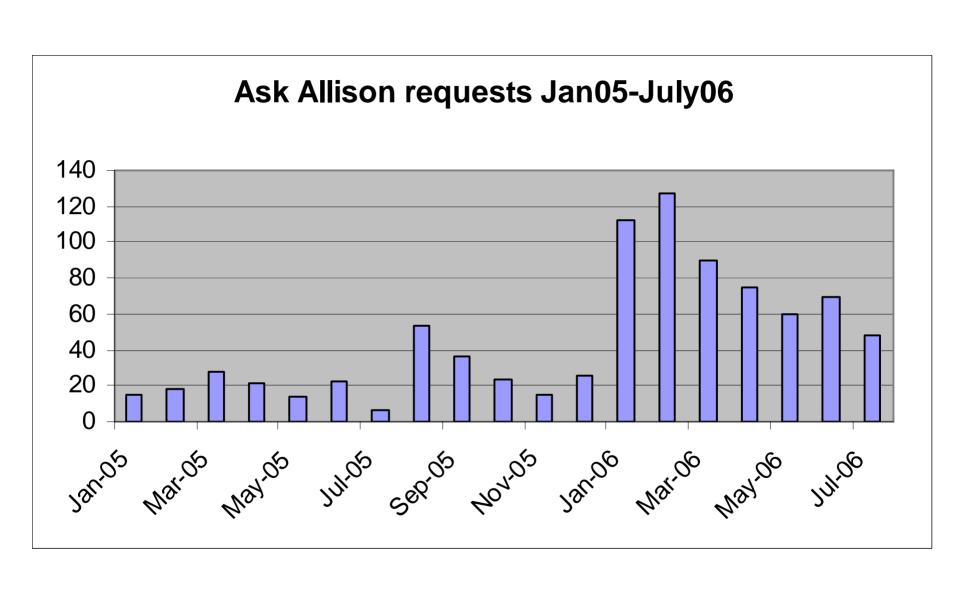












# Little good data... tough questions

"I need an estimate of how many children have returned to the city."

-Second Harvesters Food Bank

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"Do you have info on the current number of low-income seniors throughout the state?"

- Catholic Charities

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- International Medical Corps

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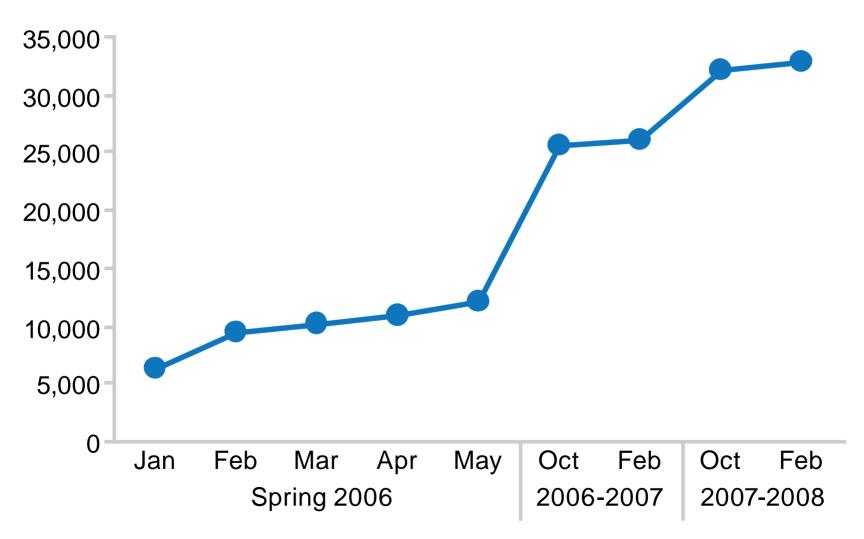
-Orleans Parish Public Defender

"We need daytime population figures for New Orleans to make informed decisions about the future of television measurement in the market."

- Nielsen Media Research "As the statistician for HIV/AIDS Program, I am interested in obtaining the latest population estimates available as well as any demographic information that might be available. In order to create program-wide plans for community outreach, surveillance and behavioral survey efforts geographic or neighborhood breakdowns at any level would be immensely useful."

- Louisiana Office of Public Health

#### Public School Enrollment (New Orleans)



Source: Louisiana Department of Education.

"I am working with colleagues from LSU, UNO, Florida Int'l on modeling and projecting the reconstruction of New Orleans using a long standing model based on other reconstruction after disaster efforts.

I am having trouble finding a source to update deaths from Katrina, estimates of economic losses, and breakdown of post disaster expenditures for New Orleans proper by FEMA."

- Kennedy School of Government, Harvard

"I am looking for cost of living increase (cost of consumer goods, gasoline, housing, etc.) in New Orleans region due to Katrina compared to US average. Federal Agencies in the New Orleans area are going to submit an emergency request to the Office of Personnel Management to adjust Federal blue-collar wages to compensate for the impact of Katrina on local socio-economic conditions."

- Louisiana National Guard

"I need information on where small businesses were located pre-Katrina and where small businesses have since reopened(and where there are plans to reopen). We're reaching out to small business owners who were affected by Katrina and who would benefit from access to capital to be able to reopen their businesses. We plan to do block walking to share information about our loan product."

#### - ACCION USA

"What percent of all jobs (or income) can be attributed to small businesses? How much annually do they pump into the economy? What percent of the economic life can be attributed to small businesses? I'm trying to demonstrate that small business plays a vital and significant role in the economic life of the city/region."

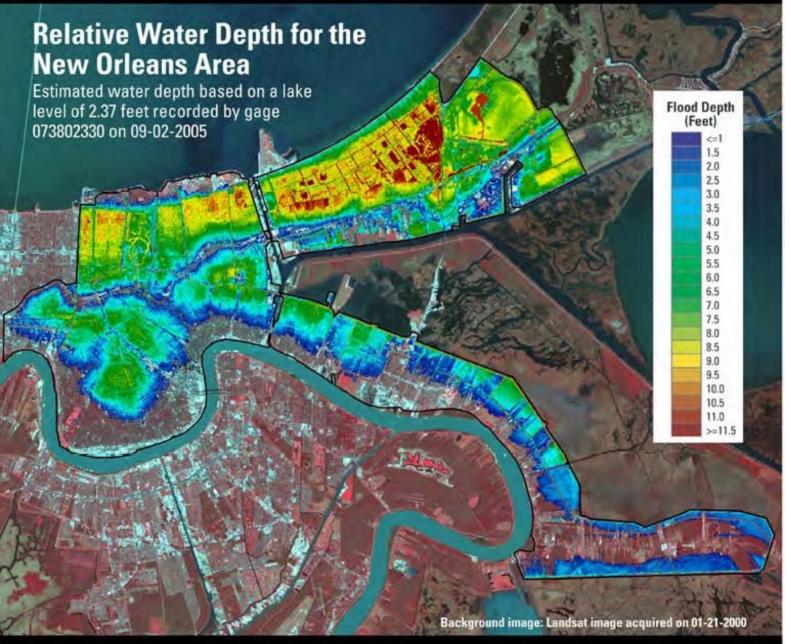
- Annie E. Casey Foundation

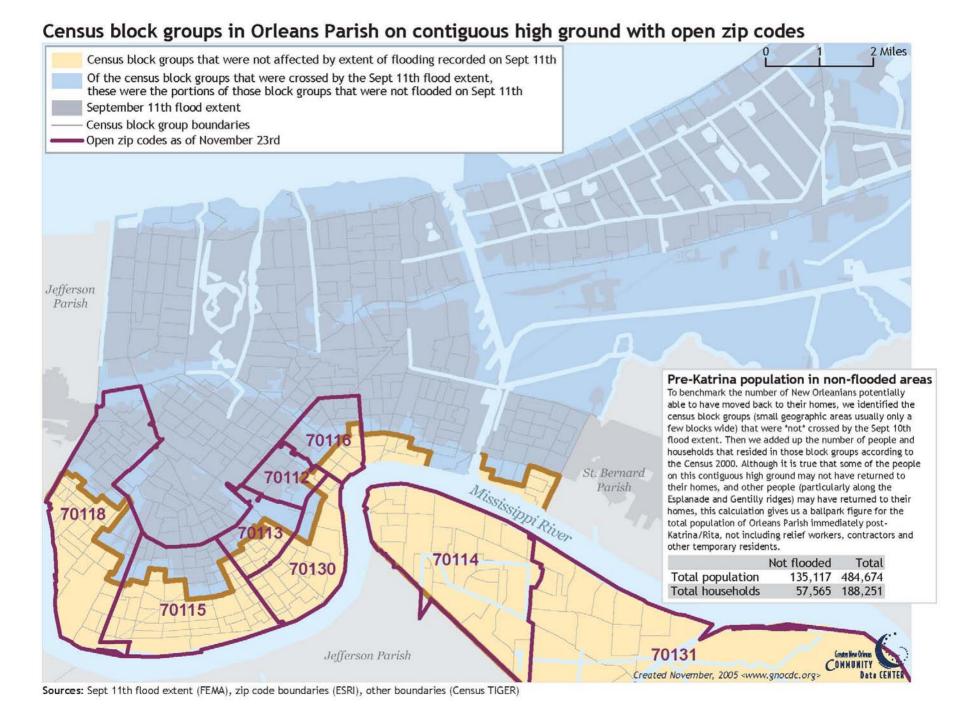
"We need to do a study to back up our belief that Terrebonne Parish provides jobs for persons from all over our region. Having an "official" number of these persons and location of their homes would help to demonstrate the degree to which Terrebonne Parish businesses provide employment opportunities to more than just the residents of the parish. Thus the persons who commute to their jobs in Terrebonne add to the overall recovery of the region. We are lobbying to have the GO Zone legislation's time frame extended for Terrebonne Parish just like it was for Orleans."

- Terrebonne Economic Development Authority

# Population and demographic estimates post-Katrina...



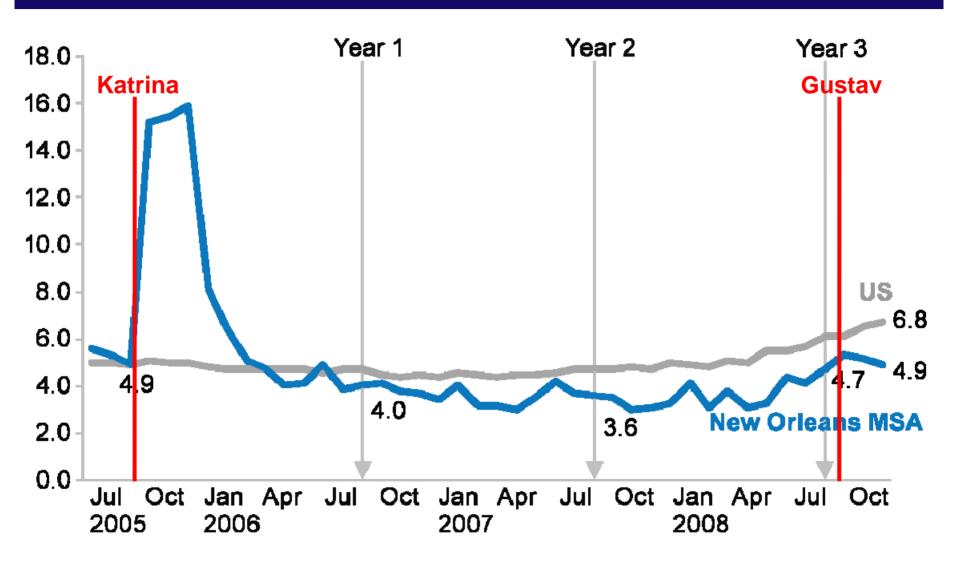




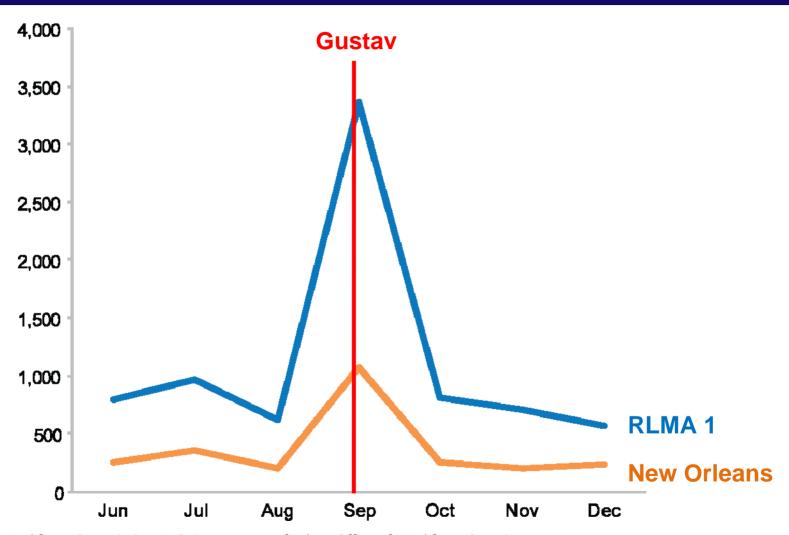
## Drivers of repopulation:

- Level of damage to housing
- Jobs
- Personal financial resources
- Children
- Available services

#### **Unemployment Rate**



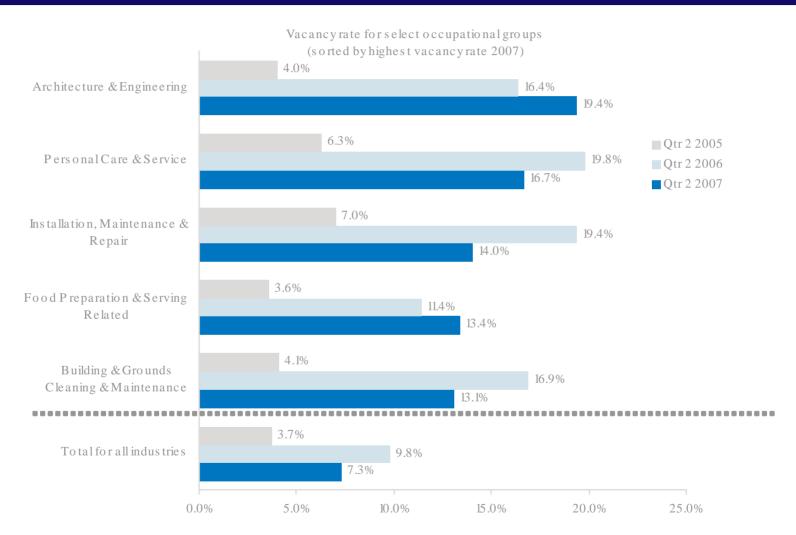
#### Unemployment Claims (2008)



Source: Louisiana Workforce Commission; U.S. Department of Labor, Office of Workforce Security .

Note: This data covers the Regional Labor Market Area consisting of Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, and St. Tammany parishes.

#### Job Vacancy Rates (RLMA 1\*)



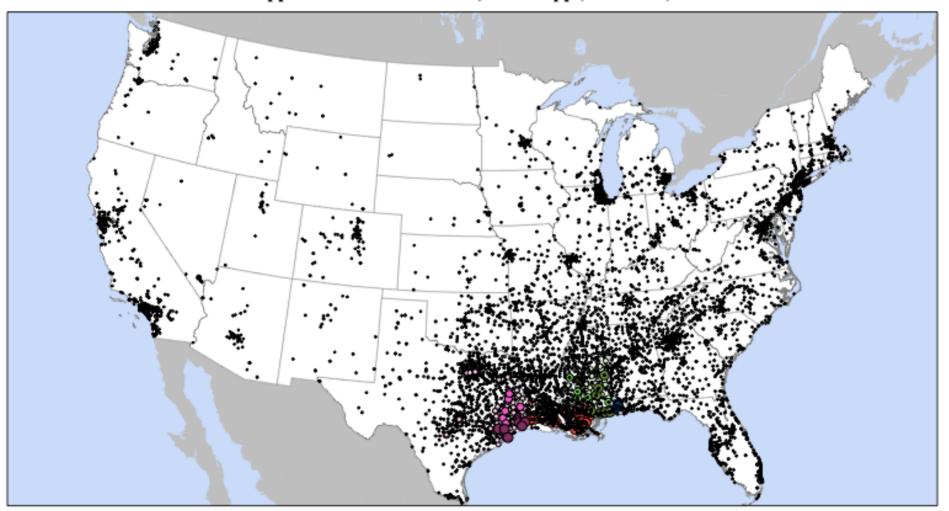
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# FEMA's Individuals & Households Program



#### Locations of Katrina/Rita Applicants from Louisiana, Mississippi, Alabama, and Texas as of 10/31/05







### Reported Mailing Addresses of Katrina IA Applicants from Louisiana, Mississippi, and Alabama DR#s 1603-05 as of 09-28-06

This report reflects the applicants' reporting of their current mailing address, including those who have evacuated outside of the hurricane-impacted areas. It is as current as any subsequent change of address notifications they have given to FEMA. There are approximately 432,967 additional applicants whose current address listings are outside U.S. Census Metropolitan Statistical Areas, or include misspellings or other data error.

Ranking	CBSA	Metropolitan Statistical Area Name	*State	Number of Applicants
1	35380	New Orleans-Metairie-Kenner, LA	LA	372,727
2	12940	Baton Rouge, LA	LA	156,776
3	25060	Gulfport-Biloxi, MS	MS	92,730
4	33660	Mobile, AL	AL	84,064
5	27140	Jackson, MS	MS	81,646
6	26420	Houston-Baytown-Sugar Land, TX	TX	77,624
7	37700	Pascagoula, MS	MS	58,933
8	25620	Hattiesburg, MS	MS	49,641
9	26380	Houma-Bayou Cane-Thibodaux, LA	LA	48,107

### Data about evacuees...

???













#### U.S. Department of Labor Bureau of Labor Statistics

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#### Hurricane Katrina Evacuees, August 2006

In August 2006, evacuees identified in CPS-sampled households represented about 1.2 million persons age 16 and over who had evacuated from where they were living in August 2005 due to Hurricane Katrina. About 58 percent of these persons were again living in the home from which they had evacuated. Of the 1.2 million evacuees, 63.0 percent were in the labor force in August 2006, and their unemployment rate was 12.6 percent. See table below.

Employment status in August 2006 of persons 16 years and over who evacuated from their August 2005 residence, even temporarily, due to Hurricane Katrina 1/

[Numbers in thousands, not seasonally adjusted]

		Residence in August 2006		
Employment status in August 2006	Total	Same as in August 2005	Different than in August 2005	
Civilian noninstitutional population	1,180	679	501	
Civilian labor force	743	410	333	
Participation rate	63.0	60.4	66.4	
Employed	649	390	259	
Employment-population ratio	55.0	57.5	51.6	
Unemployed	94	20	74	
Unemployment rate	12.6	4.8	22.2	
Not in labor force	437	268	169	

1/ Represents persons in the civilian noninstitutional population age 16 and over who resided in households that were eligible to be selected for CPS. These data are not representative of the total evacuee population because they do not include children or people residing in shelters, hotels, places of worship, or other units out of scope for CPS. The total number of evacuees estimated from the CPS may change from month to month as people move in and out of the scope of the survey and because of sampling variability.

Note: These data use population controls that have been adjusted to account for interstate moves by evacuees.

Back to Employment Status Information on Hurricane Katrina Evacuees

Hurricane Information Homepage | Effects of Hurricane Katrina on BLS Employment and Unemployment Data Collection and Estimation

# Future Development

"If you build it they will come" is no longer a sufficient incentive for investment. Credible data about projected demand is needed.

- Job projections>population projections?
- Job locations>housing sites?
- Ideal retail/service sites relative to job sites?

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