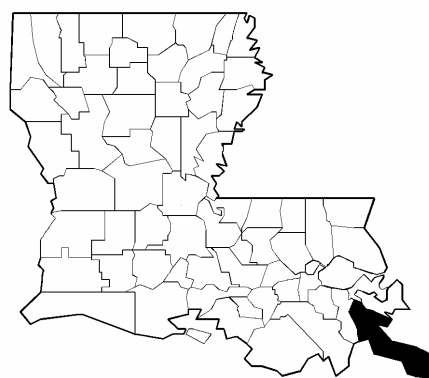


# 2006 Louisiana Health and Population Survey Survey Report January 11, 2007

## Plaquemines Parish

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## **Project Overview**

Hurricanes Katrina (August 29, 2005) and Rita (September 23, 2005) caused extensive damage and displacement across southern Louisiana. This displacement has created great uncertainty about the population size, demographics and health status within Louisiana. As recovery progresses, timely and accurate population estimates are critical to guide decision-makers across all sectors in effective planning and efficient resource allocation.

In February 2006, the Louisiana Department of Health and Hospitals and the Louisiana Recovery Authority requested assistance from the Centers for Disease Control and Prevention/Agency for Toxic Substances and Disease Registry and the U.S. Census Bureau to:

- Estimate the population size and collect health and economic information in 18 hurricane-affected parishes
- Compare survey-based population estimates with modeled estimates
- Develop a sustainable survey program to provide continuous population estimates as requested by federal, state and local authorities

To fulfill these objectives, the 2006 Louisiana Health and Population Survey was conducted to provide state and local authorities with accurate demographic, health and economic information for public health, emergency preparedness and economic development planning. The Louisiana Public Health Institute was contracted to implement the process, oversee daily survey operations, and deliver the data.

Surveys were received from Plaquemines Parish between June and October 2006.

<b>Household Survey Population Estimate</b>	<b>17,860</b>	13.8 % (+/-) Margin of Error
<b>Group Quarters Population*</b>	<b>611</b>	

\* Group Quarters population is based on modeled projections, for further citation contact [popest-la@lphi.org](mailto:popest-la@lphi.org).

## Plaquemines Parish Survey Results

(Note that some counts and percentages may not total equally due to rounding.)

<b>Population/Demographics</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)<sup>1</sup></b>	<b>U.S. Census 2000</b>
Total Household Population	17,860		13.8	26,029

### Gender Composition

Male	8,751	49.0	1.8	13,335
Female	8,846	49.5	1.8	13,422
Not Indicated	263	1.5	1.0	

### Age Cohort

Under 5 years	963	5.4	1.1	1,977
5 to 9 years	1,107	6.2	1.9	2,183
10 to 14 years	1,439	8.1	1.7	2,241
15 to 19 years	1,692	9.5	1.6	2,197
20 to 24 years	964	5.4	1.4	1,668
25 to 34 years	1,445	8.1	2.1	3,645
35 to 44 years	2,951	16.5	3.1	4,518
45 to 54 years	1,965	11.0	1.8	3,409
55 to 64 years	2,461	13.8	4.0	2,306
65 to 74 years	2,013	11.3	2.6	1,623
75 to 84 years	572	3.2	1.3	783
85 years and over	164	0.9	0.8	207
Not Indicated	124	0.7	0.9	N/A

<b>Racial/Ethnic Composition</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>U.S. Census 2000</b>
White only	13,265	74.3	5.6	18,668
Black only	3,222	18.0	4.4	6,258
Asian only	134	0.8	0.2	700
American Indian, Alaska Native only	195	1.1	0.8	553
Native Hawaiian, Other Pacific Islander only	0	0	0	1
Multiracial	237	1.3	0.7	380
Other race or no race selected	807	4.5	2.4	194

<b>Spanish, Hispanic, Latino Origin</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>U.S. Census 2000</b>
Not Indicated	785	4.4	2.5	0
Latino	972	5.4	3.0	433
Not Latino	16,102	90.2	3.3	26,324
Total	17,860	100.0		26,757

<sup>1</sup> Margin of error calculated at 90% confidence.

Race of Those Indicating Spanish, Hispanic, Latino Origin or Not Indicated*	Spanish, Hispanic, Latino Origin			Not of Spanish, Hispanic, Latino Origin		
	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Percentage Margin of Error (+/-)
Not Indicated*						
White only	949	5.3	3.0	12,313	68.9	5.8
Black only	0	0	0	2,897	16.2	4.4
Asian only	0	0	0	131	0.7	0.2
American Indian, Alaska Native only	0	0	0	195	1.1	0.8
Native Hawaiian, Other Pacific Islander only	0	0	0	0	0	0
Multiracial	23	0	0	213	1.2	0.7
Other race or no race selected	0	0	0	352	2.0	1.2
Total	972	5.4	3.0	16,102	90.2	3.3

\* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated Count 785; Estimated Percent 4.4; Margin of Error 2.5.

#### HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	1,243	19.3	4.5
2 people	2,186	34.0	5.3
3 people	1,152	17.9	4.8
4 people	916	14.2	4.2
5 people	705	11.0	3.4
6 people	108	1.7	1.2
7 people	45	0.7	0.9
8 people	47	0.7	0.9
9 people	29	0.5	0.7
Total	6,431	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	377	5.9	2.4
Rent	1,370	21.3	4.7
Own	4,685	72.8	5.3
Total	6,431	100.0	

## INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	2,195	34.1	5.4	0
Less than \$10,000	438	6.8	2.0	1,241
\$10,000 to \$14,999	531	8.3	2.7	677
\$15,000 to \$24,999	855	13.3	3.6	1,137
\$25,000 to \$34,999	490	7.6	2.7	1,100
\$35,000 to \$49,999	602	9.4	3.0	1,671
\$50,000 to \$74,999	466	7.2	2.4	1,584
\$75,000 to \$99,999	416	6.5	3.1	902
\$100,000 to \$149,999	365	5.7	2.5	479
\$150,000 to \$199,999	0	0	0	76
\$200,000 or more	74	1.1	1.2	134
Total	6,431	100.0		9,001

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	2,195	34.1	5.4
Below 50% poverty level	174	2.7	1.2
50%-100% poverty level	699	10.9	3.0
100%-200% poverty level	1,145	17.8	3.4
Above 200% poverty level	2,218	34.5	5.9
Total	6,431	100.0	

Individual Poverty Level by Age	Not Indicated			Below 50% poverty level		
	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	124	0.7	0.9	0	0	0
0-4 years	438	2.4	0.9	0	0	0
5-17 years	1,276	7.1	2.1	69	0.4	0.4
18-44 years	2,321	13.0	3.1	126	0.7	0.4
45-64 years	1,513	8.5	2.7	195	1.1	0.7
65+ years	1,048	5.9	2.0	17	0.1	0.1
Total	6,720	37.6	6.4	407	2.3	1.2

Individual Poverty Level by Age (Continued)	50%-100% poverty level			100%-200% poverty level		
	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0	0	0	0
0-4 years	116	0.6	0.7	120	0.7	0.4
5-17 years	316	1.8	1.0	589	3.3	1.4
18-44 years	572	3.2	1.3	960	5.4	1.9
45-64 years	263	1.5	0.9	705	3.9	1.9
65+ years	344	1.9	0.9	544	3.0	1.1
Total	1,610	9.0	3.4	2,918	16.3	3.7

Individual Poverty Level by Age (Continued)	Above 200% poverty level			Total		
	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0	124	0.7	0.9
0-4 years	290	1.6	0.7	963	5.4	1.1
5-17 years	1,333	7.5	2.5	3,583	20.1	3.3
18-44 years	2,036	11.4	2.9	6,015	33.7	3.2
45-64 years	1,750	9.8	2.1	4,426	24.8	4.2
65+ years	797	4.5	1.6	2,749	15.4	3.1
Total	6,205	34.7	6.5	17,860	100.0	

Was Any Household Income Earned in Past Month or Year?	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	11	0.2	0.3
No	278	4.3	1.6
Yes	6,142	95.5	1.7
Total	6,431	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	152	2.4	1.5
Same income	2,453	38.1	4.5
More income	1,096	17.0	4.4
Less income	1,611	25.1	4.4
Refused	829	12.9	4.2
Don't know	290	4.5	2.3
Total	6,431	100.0	

#### EDUCATION INDICATORS

School Attendance During Past 6 Months (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	564	3.3	2.2
No school attended	12,406	71.8	3.4
Home schooled	42	0.2	0.4
Yes, public school or college	2,945	17.0	2.8
Yes, private school or college	1,333	7.7	2.9
Total	17,289	100.0	

<b>Grade or Level Attending (Aged 3 years and older)</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>U.S. Census 2000</b>
Not Indicated	657	13.5	7.0	0
Nursery or preschool	458	9.4	3.0	439
Kindergarten	251	5.1	2.1	434
Grade 1 to 4	684	14.0	3.4	1,977
Grade 5 to 8	924	18.9	4.8	1,842
Grade 9 to 12	1,032	21.1	4.3	1,881
College	823	16.8	7.8	1,056
Graduate or professional	55	1.1	1.2	178
<b>Total</b>	<b>4,884</b>	<b>100.0</b>		<b>7,807</b>

<b>Highest Degree or Level Completed (Aged 25 years and older)</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>U.S. Census 2000</b>
Not Indicated	770	6.6	3.0	0
No school completed	41	0.3	0.1	5,152
Less than high school	1,698	14.6	2.9	5,628
High school graduate/GED	4,200	36.0	4.4	3,893
Some college or associates	2,298	19.7	3.4	1,404
Bachelors degree	1,524	13.1	3.8	371
Some or completed graduate/professional	690	5.9	2.1	0
Refused	140	1.2	1.0	0
Don't know	295	2.5	1.6	0
<b>Total</b>	<b>11,656</b>	<b>100.0</b>		<b>16,448</b>

## HOUSING INDICATORS

<b>Housing Prior to 2005 Hurricanes</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	660	3.7	2.6
Same House	11,026	61.7	4.6
Different House	6,174	34.6	5.0
<b>Total</b>	<b>17,860</b>	<b>100.0</b>	

<b>Change in Residence due to Damaged Housing</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	4,831	78.2	8.5
No	1,343	21.8	8.5
<b>Total</b>	<b>6,174</b>	<b>100.0</b>	

<b>Change in Residence due to Job Opportunities</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	244	4.0	2.8
No	5,930	96.0	2.8
<b>Total</b>	<b>6,174</b>	<b>100.0</b>	

<b>Change in Residence due to Loss of Job</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	447	7.2	5.2
No	5,727	92.8	5.2
Total	6,174	100.0	

<b>Change in Residence due to Other Circumstances</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	852	13.8	5.1
No	5,323	86.2	5.1
Total	6,174	100.0	

### EMPLOYMENT INDICATOR

<b>Employment Status – Aged 16 Years and Older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>U.S. Census 2000</b>
Not Indicated	282	2.0	1.4	0
Employed	5,421	38.5	5.8	10,254
Self-Employed	1,213	8.6	2.4	
Out of Work > 1 Year	423	3.0	1.1	719
Out of Work < 1 Year	863	6.1	1.6	
Homemaker/Caregiver	785	5.6	1.5	
Student	1,198	8.5	2.0	8,817
Retired	2,913	20.7	4.5	
Unable to Work	959	6.8	1.9	
Refused	38	0.3	0.4	0
Don't Know	0	0	0	0
Total	14,095	100.0		19,790

### HEALTH INSURANCE INDICATORS

<b>Health Insurance Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	852	4.8	2.5
Private only	8,578	48.0	6.6
Medicare only	1,094	6.1	1.7
Medicaid only	2,330	13.0	3.0
Uninsured	2,950	16.5	3.7
Other or multiple insurance	2,057	11.5	2.4
Total	17,860	100.0	



<b>Length of Time Without Health Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	438	14.9	11.1
6 months or less	332	11.3	8.1
> 6 months <= 1 year	252	8.5	5.3
> 1 year and <= 3 years	790	26.8	12.7
more than 3 years	956	32.4	7.5
Refused	0	0	0
Don't Know	181	6.1	3.2
Total	2,950	100.0	

<b>Lack of Coverage Due to 2005 Hurricanes</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	629	21.3	10.5
yes	728	24.7	9.6
no	1,593	54.0	12.6
Total	2,950	100.0	

## HEALTH INDICATORS

<b>Ever Diagnosed with Diabetes - Aged 16 years and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	351	2.5	1.7
Yes, was told has diabetes	1,259	8.9	2.0
Yes, told at pregnancy	110	0.8	0.6
Pre or borderline diabetic	62	0.4	0.4
No diabetes	12,203	86.6	2.1
Refused	12	0.1	0.1
Don't know	98	0.7	0.5
Total	14,095	100.0	

<b>Ever Diagnosed with High Blood Pressure - Aged 16 years and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	237	1.7	1.4
Yes, was told has HBP	3,228	22.9	3.6
Yes, told at pregnancy	42	0.3	0.4
Pre or borderline HBP	236	1.7	0.9
No HBP	10,237	72.6	3.7
Refused	47	0.3	0.4
Don't know	68	0.5	0.4
Total	14,095	100.0	

<b>Ever Diagnosed with Angina or Coronary Heart Disease - Aged 16 years and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	261	1.9	1.4
Yes	701	5.0	1.6
No	13,013	92.3	2.7
Refused	50	0.4	0.4
Don't know	69	0.5	0.5
Total	14,095	100.0	

<b>Ever Diagnosed with Asthma - Aged 16 and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	314	2.2	1.5
Yes	954	6.8	1.9
No	12,678	89.9	2.4
Refused	12	0.1	0.1
Don't know	137	1.0	0.8
Total	14,095	100.0	

<b>Ever Diagnosed with a Heart Attack or Myocardial Infarction - Aged 16 years and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	249	1.8	1.4
Yes	584	4.1	1.2
No	13,148	93.3	2.0
Refused	50	0.4	0.4
Don't know	64	0.5	0.4
Total	14,095	100.0	

<b>Ever Diagnosed with a Stroke - Aged 16 years and older</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	265	1.9	1.4
Yes	243	1.7	0.9
No	13,507	95.8	1.7
Refused	50	0.4	0.4
Don't know	31	0.2	0.2
Total	14,095	100.0	

<b>Usual Place for Health Care Prior to the 2005 Hurricanes</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	384	2.7	1.5
Nowhere	746	5.3	2.4
Clinic/health center	1,749	12.4	4.2
Doctors office/HMO	9,031	64.1	5.4
Hospital emergency room	884	6.3	3.2
Hospital outpatient clinic	376	2.7	1.2
Other place	367	2.6	2.3
More than 1 place	73	0.5	0.2
Refused	12	0.1	0.1
Don't know	473	3.4	2.2
<b>Total</b>	<b>14,095</b>	<b>100.0</b>	

<b>Usual Place for Health Care After 2005 Hurricanes</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	706	5.0	2.1
Nowhere	1,169	8.3	3.1
Clinic/health center	2,044	14.5	4.3
Doctors office/HMO	7,812	55.4	6.9
Hospital emergency room	430	3.1	1.0
Hospital outpatient clinic	201	1.4	0.7
Other place	604	4.3	2.5
More than 1 place	391	2.8	2.1
Refused	12	0.1	0.1
Don't know	725	5.1	3.2
<b>Total</b>	<b>14,095</b>	<b>100.0</b>	

<b>Mental Health Indicator – Assessment only of Head of Household</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	336	5.2	3.0
Serious mental health condition indicated by score (Score ≥ 13)	674	10.5	4.8
Score 0 - 12	5,421	84.3	5.0
<b>Total</b>	<b>6,431</b>	<b>100.0</b>	

The serious psychological distress scale (K6) is a six-item scale developed to measure serious mental illness. The K6 was only asked of head of households 18 years of age and older. The answers were self-reported and no proxies were allowed. The K6 is designed to identify persons with serious psychological distress using as few questions as possible. While a score of ≥13 indicates a serious mental health condition, the answers provided by the respondent do not represent an actual clinical diagnosis. The questions used and interpretation of the responses can be found at <http://origin.cdc.gov/nchs/datawh/nchsdefs/seriouspsydistress.htm>.

SOURCE: Health, United States

The above tables present the results of an initial analysis of the survey data. A comprehensive final report for all parishes will be produced when the project is completed and all parish specific reports are released. Reports may also be available for specific characteristics. To download a

copy of the survey questionnaire, make a data request, and to submit feedback, please visit [www.popest.org](http://www.popest.org).

NOTE: The 2006 Louisiana Health and Population Survey uses a standard U.S. Census Bureau method to estimate population size and demographics with modifications to account for the affects of the 2005 hurricane season. For details about the survey methodology, please visit [www.popest.org](http://www.popest.org).

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