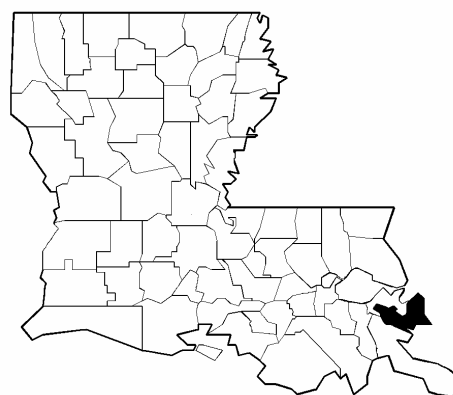


2006 Louisiana Health and Population Survey Survey Report January 17, 2007

St. Bernard Parish



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 St. Bernard Parish between June and October 2006.

Household Survey Population Estimate	25,296	13.5% Margin of Error (+/-)
Group Quarters Population*	193	

* Group Quarters population is based on modeled projections, for further citation contact popest-la@lphi.org.

St. Bernard Parish Survey Results

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

Population/Demographics	Estimated Count	Estimated Percent	Margin of Error (+/-)¹	U.S. Census 2000
Total Household Population	25,296		13.5	66,441

Gender Composition

Male	12,473	49.3	3.6	32,495
Female	12,418	49.1	3.5	34,734
Not Indicated	406	1.6	1.3	

Age Cohort

Under 5 years	977	3.9	1.6	4,242
5 to 9 years	1,045	4.1	2.4	4,639
10 to 14 years	1,597	6.3	2.6	4,996
15 to 19 years	1,498	5.9	2.3	5,021
20 to 24 years	2,263	8.9	2.3	4,257
25 to 34 years	2,905	11.5	2.9	8,780
35 to 44 years	4,231	16.7	3.6	10,857
45 to 54 years	5,065	20.0	3.9	9,337
55 to 64 years	2,980	11.8	3.2	5,838
65 to 74 years	1,127	4.5	2.3	5,283
75 to 84 years	1,141	4.5	2.2	3,199
85 years and over	0	0	0	780
Not Indicated	468	1.8	1.8	0

Racial/Ethnic Composition

White only	22,148	87.6	4.0	59,356.
Black only	1,857	7.3	3.6	5,122
Asian only	0	0	0	889
American Indian, Alaska Native only	157	0.6	0.7	329
Native Hawaiian, Other Pacific Islander only	279	1.1	1.3	14
Multiracial	216	0.9	0.8	1,025
Other race or no race selected	640	2.5	2.3	494
Total	25,297	100.0		67,229

Spanish, Hispanic, Latino Origin	Estimated Count	Estimated Percent	Margin of Error (+/-)	U. S. Census 2000
Not Indicated	1,207	4.8	3.3	N/A
Latino	1,401	5.5	3.1	3,425
Not Latino	22,688	89.7	4.1	63,804
Total	25,296	100.0		67,229

¹ Margin of error calculated at 90% confidence.

Race of Those Indicating Spanish, Hispanic, Latino Origin or Not*	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 (+/-)
White only	1,311	5.2	3.1	20,282	80.2	4.6
Black only	0	0	0	1,620	6.4	3.4
Asian only	0	0	0	0	0	0
American Indian, Alaska Native only	0	0	0	157	0.6	0.7
Native Hawaiian, Other Pacific Islander only	0	0	0	279	1.1	1.3
Multiracial	0	0	0	216	0.9	0.8
Other race or no race selected	90	0.4	0.4	135	0.5	0.8
Total	1,401	5.5	3.1	22,688	89.7	4.1

* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimate Count 1,207; Estimated Percent 4.8; Margin of Error (+/-) 3.3

HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	2,335	23.5	8.9
2 people	3,182	32.0	6.6
3 people	2,342	23.5	5.6
4 people	1,212	12.2	4.9
5 people	677	6.8	4.0
6 people	83	0.8	1.1
7 people	120	1.2	1.9
8 people	0	0	0
9 people	0	0	0
Total	9,951	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	761	7.6	4.6
Rent	1,186	11.9	6.5
Own	8,004	80.4	9.5
Total	9,951	100.0	

INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	U. S. Census
				2000
Not Indicated	3,218	32.3	7.3	N/A
Less than \$10,000	898	9.0	3.6	2,818
\$10,000 to \$14,999	425	4.3	2.8	2,033
\$15,000 to \$24,999	1,383	13.9	4.5	3,636
\$25,000 to \$34,999	833	8.4	3.6	3,738
\$35,000 to \$49,999	1,330	13.4	4.5	4,176
\$50,000 to \$74,999	1,321	13.3	5.6	5,144
\$75,000 to \$99,999	301	3.0	2.4	2,188
\$100,000 to \$149,999	241	2.4	2.2	1,048
\$150,000 to \$199,999	0	0	0	139
\$200,000 or more	0	0	0	145
Total	9,951	100.0		35,939

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	3,218	32.3	7.3
Below 50% poverty level	118	1.2	1.3
50%-100% poverty level	1,135	11.4	4.1
100%-200% poverty level	1,783	17.9	4.9
Above 200% poverty level	3,696	37.1	7.0
Total	9,951	100.0	

Individual Poverty Level by Age	Not Indicated		
	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	244	1.0	1.5
0-4 years	265	1.0	0.9
5-17 years	1,608	6.4	3.3
18-44 years	3,303	13.1	4.3
45-64 years	2,331	9.2	3.5
65+ years	787	3.1	1.8
Total	8,538	33.8	8.1

Below 50% poverty level	Estimated		
	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0
0-4 years	0	0	0
5-17 years	70	0.3	0.4
18-44 years	258	1.0	1.3
45-64 years	165	0.7	0.7
65+ years	0	0	0
Total	494	2.0	2.3

Individual Poverty Level by Age (Continued)	50%-100% poverty level		
	Estimated Count	Estimated Percent	Margin of Error (+/-)
0-4 years	148	0.6	0.7
5-17 years	152	0.6	0.7
18-44 years	1316	5.2	3.5
45-64 years	1186	4.7	2.4
65+ years	193	0.8	0.9
Total	2994	11.8	6.1

100%-200% poverty level	Estimated		
	Estimated Count	Estimated Percent	Margin of Error (+/-)
0-4 years	271	1.1	0.9
5-17 years	640	2.5	1.9
18-44 years	1,600	6.3	2.9
45-64 years	948	3.7	2.7
65+ years	957	3.8	2.4
Total	4,416	17.5	6.0

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	224	0.9	1.0	468	1.8	1.8
0-4 years	293	1.2	0.9	977	3.9	1.6
5-17 years	1,075	4.2	1.8	3,545	14.0	3.7
18-44 years	3,517	13.9	3.6	9,993	39.5	3.9
45-64 years	3,414	13.5	3.4	8,045	31.8	5.4
65+ years	332	1.3	1.2	2,268	9.0	3.1
Total	8,854	35.0	7.0	25,296	100.0	

Was Any Household Income Earned in Past Month or Year?	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	80	0.8	1.3
No	1,137	11.4	4.3
Yes	8,734	87.8	4.4
Total	9,951	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	667	6.7	3.9
Same income	2,837	28.5	7.1
More income	1,543	15.5	4.5
Less income	3,360	33.8	6.5
Refused	576	5.8	3.4
Don't know	967	9.7	3.9
Total	9,951	100.0	

EDUCATION INDICATORS

School Attendance During Past 6 Months (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	714	2.9	2.7
No school attended	18,363	75.8	4.8
Home schooled	0	0	0
Yes, public school or college	3,802	15.7	4.2
Yes, private school or college	1,336	5.5	2.4
Total	24,215	100.0	

Grade or Level Attending (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census
				2000
Not Indicated	1,313	22.4	13.7	N/A
Nursery or preschool	247	4.2	4.3	1,326
Kindergarten	141	2.4	2.6	695
Grade 1 to 4	871	14.9	7.1	8,491
Grade 5 to 8	889	15.2	7.2	3,764
Grade 9 to 12	1,333	22.8	9.5	3,378
College	1,035	17.7	7.1	
Graduate or professional	25	0.4	0.7	
Total	5,852	100.0		17,654

Highest Degree or Level Completed (Aged 25 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census
				2000
Not Indicated	732	4.1	3.5	N/A
No school completed	224	1.3	1.4	11,859
Less than high school	2,526	14.3	5.4	16,745
High school graduate/GED	8,412	47.6	7.2	11,581
Some college or associates	3,359	19.0	5.5	2,777
Bachelors degree	1,519	8.6	3.3	
Some or completed graduate/professional	768	4.3	2.5	1,165
Refused	0	0	0	N/A
Don't know	124	0.7	0.8	N/A
Total	17,665	100.0		44,127

HURRICANE IMPACT ON RESIDENCY

Housing Prior to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	831	3.3	2.7
Same House	14,617	57.8	9.1
Different House	9,848	38.9	9.2
Total	25,296	100.0	

Change in Residence due to Damaged Housing	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	8,521	86.5	7.9
No	1,326	13.5	7.9
Total	9,848	100.0	

Change in Residence due to Job Opportunities	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	477	4.8	4.8
No	9,370	95.2	4.8
Total	9,848	100.0	

Change in Residence due to Loss of Job	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	368	3.7	4.3
No	9,480	96.3	4.3
Total	9,848	100.0	

Change in Residence due to Other Circumstances	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	605	6.1	5.2
No	9,243	93.9	5.2
Total	9,848	100.0	

EMPLOYMENT INDICATOR

Employment Status – Aged 16 Years and Older	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	844	4.0	2.6	N/A
Employed	8,711	41.5	5.4	29,476
Self-Employed	1,666	7.9	3.0	
Out of Work > 1 Year	921	4.4	1.9	1,791
Out of Work < 1 Year	1,144	5.5	2.4	
Homemaker/Caregiver	1,555	7.4	2.5	
Student	1,414	6.7	3.7	21,096
Retired	2,289	10.9	3.1	
Unable to Work	2,281	10.9	3.4	
Refused	0	0	0	N/A
Don't Know	157	0.7	0.9	N/A
Total	20,982	100.0		52,363

HEALTH INSURANCE INDICATORS

Health Insurance Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	5	0	0
Private only	12,215	48.3	7.9
Medicare only	1,611	6.4	3.0
Medicaid only	1,800	7.1	3.0
Uninsured	5,708	22.6	6.2
Other or multiple insurance	3,957	15.6	4.5
Total	25,296	100.0	

Length of Time Without Health Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	991	17.4	11.2
6 months or less	258	4.5	3.7
> 6 months <= 1 year	813	14.2	8.2
> 1 year and <= 3 years	1,773	31.1	12.9
more than 3 years	1,810	31.7	16.3
Don't know	63	1.1	1.1
Total	5,708	100.0	

Lack of Coverage Due to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,504	26.4	15.0
yes	1,895	33.2	16.4
no	2,309	40.5	14.6
Total	5,708	100.0	

HEALTH INDICATORS

Ever Diagnosed with Diabetes - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	485	2.3	2.1
Yes, was told has diabetes	2,769	13.2	3.7
Yes, told at pregnancy	90	0.4	0.5
Pre or borderline diabetic	442	2.1	1.5
No diabetes	17,127	81.6	4.7
Refused	0	0	0
Don't know	68	0.3	0.5
Total	20,982	100.0	

Ever Diagnosed with High Blood Pressure - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	391	1.9	1.9
Yes, was told has HBP	4,146	19.8	3.8
Yes, told at pregnancy	0	0	0
Pre or borderline HBP	838	4.0	2.0
No HBP	15,190	72.4	4.2
Refused	0	0	0
Don't know	417	2.0	1.4
Total	20,982	100.0	

Ever Diagnosed with Angina or Coronary Heart Disease - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	710	3.4	2.7
Yes	847	4.0	1.7
No	19,157	91.3	3.0
Refused	0	0	0
Don't know	268	1.3	0.7
Total	20,982	100.0	

Ever Diagnosed with Asthma - Aged 16 and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	991	4.7	3.0
Yes	1,225	5.8	2.3
No	18,603	88.7	3.8
Refused	0	0	0
Don't know	162	0.8	0.9
Total	20,982	100.0	

Ever Diagnosed with a Heart Attack or Myocardial Infarction - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	512	2.4	2.0
Yes	781	3.7	1.7
No	19,460	92.7	2.5
Refused	0	0	0
Don't know	228	1.1	1.0
Total	20,982	100.0	

Ever Diagnosed with a Stroke - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	349	1.7	1.8
Yes	416	2.0	1.3
No	19,904	94.9	2.3
Refused	0	0	0
Don't know	312	1.5	1.1
Total	20,982	100.0	

Usual Place for Health Care Prior to the 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	577	2.8	2.5
Nowhere	487	2.3	1.5
Clinic/health center	3,322	15.8	6.8
Doctors office/HMO	14,242	67.9	8.8
Hospital emergency room	481	2.3	1.8
Hospital outpatient clinic	789	3.8	2.6
Other place	283	1.3	1.4
More than 1 place	296	1.4	1.2
Refused	0	0	0
Don't know	504	2.4	1.6
Total	20,982	100.0	

Usual Place for Health Care After 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,090	5.2	3.4
Nowhere	1,360	6.5	3.5
Clinic/health center	4,385	20.9	6.8
Doctors office/HMO	8,894	42.4	7.9
Hospital emergency room	1,174	5.6	3.5
Hospital outpatient clinic	477	2.3	1.9
Other place	1,770	8.4	5.1
More than 1 place	325	1.5	1.3
Refused	0	0	0
Don't know	1,507	7.2	3.7
Total	20,982	100.0	

Mental Health Indicator – Assessment only of Head of Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	690	6.9	5.0
Serious mental health condition indicated by score (Score ≥ 13)	1,851	18.6	7.4
Score 0 - 12	7,410	74.5	7.7
Total	9,951	100.0	

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/dataawh/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.

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.

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