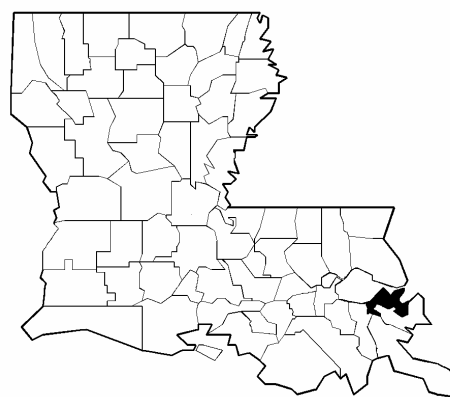


# 2006 Louisiana Health and Population Survey Survey Report January 17, 2007

## Orleans 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 Orleans Parish between June and October 2006.

<b>Household Survey Population Estimate</b>	<b>191,139</b>	9.6% Margin of Error (+/-)
<b>Group Quarters Population*</b>	<b>9,526</b>	
University Facilities	7,589	
Assisted Living/Elderly Facilities	1,405	
Transitional Housing**	532	

\* The Group Quarters population was attained directly by contacting the management of group facilities located in Orleans Parish. This figure does not include the incarcerated population.

\*\* Transitional Housing represents the number of homeless persons staying in a transitional housing facility in Orleans Parish on a given day between October 17-26, 2006.

## Orleans 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>ACS<sup>2</sup> 2004</b>
Total Household Population	191,139		9.6	444,515

### Gender Composition

Male	94,227	49.3	3.0	206,628
Female	92,900	48.6	2.9	237,887
Not Indicated	4,011	2.1	1.1	N/A

### Age Cohort

Under 5 years	7,846	4.1	1.0	34,494
5 to 9 years	8,128	4.3	1.4	28,402
10 to 14 years	11,623	6.1	1.5	34,290
15 to 19 years	12,714	6.7	1.5	32,576
20 to 24 years	16,158	8.5	1.6	31,861
25 to 34 years	27,722	14.5	2.8	61,767
35 to 44 years	29,482	15.4	2.4	62,311
45 to 54 years	33,613	17.6	2.3	65,185
55 to 64 years	21,849	11.4	2.0	43,606
65 to 74 years	12,004	6.3	1.5	26,183
75 to 84 years	6,522	3.4	1.1	17,919
85 years and over	2,506	1.3	0.7	5,921
Not Indicated	971	0.5	0.4	N/A

### Racial/Ethnic Composition

	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>ACS 2004</b>
White only	81,557	42.7	5.3	124,591
Black only	89,891	47.0	6.2	302,041
Asian only	6,607	3.5	3.0	9,577
American Indian, Alaska Native only	797	0.4	0.5	548
Native Hawaiian, Other Pacific Islander only	2,180	1.1	1.1	0
Multiracial	650	0.3	0.3	3,912
Other race or no race selected	9,457	4.9	2.6	3,846

### **Spanish, Hispanic, Latino Origin**

	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	8,114	4.2	2.0
Latino	18,303	9.6	3.3
Not Latino	164,722	86.2	3.8
Total	191,139	100.0	

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

<sup>2</sup> Data from the 2004 American Community Survey which can be found at:

[http://factfinder.census.gov/servlet/DatasetMainPageServlet?\\_program=ACS&\\_submenuId=&\\_lang=en&\\_ts=](http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&_submenuId=&_lang=en&_ts=)

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	7,628	4.0	1.6	73,575	38.5	4.8
Black only	1,175	0.6	0.7	82,852	43.4	6.3
Asian only	0	0	0	6,607	3.5	3.0
American Indian, Alaska Native only	547	0.3	0.5	250	0.1	0.1
Native Hawaiian, Other Pacific Islander only	1,666	0.9	1.0	514	0.3	0.3
Multiracial	0	0	0	650	0.3	0.3
Other race or no race selected	7,288	3.8	2.5	274	0.1	0.2
Total	18,303	9.6	3.3	164,722	86.2	3.8

\* **Not Indicated** is composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin: Estimated count 8,114, Estimated percent 4.2, Margin of error 2.0.

### HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	20,311	26.6	3.9
2 people	26,628	34.9	4.5
3 people	12,143	15.9	3.4
4 people	9,723	12.7	2.9
5 people	4,380	5.7	2.0
6 people	2,414	3.2	1.8
7 people	290	0.4	0.4
8 people	392	0.5	0.7
9 people	70	0.1	0.1
Total	76,352	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	791	1.0	0.9
Rent	28,372	37.2	5.5
Own	47,188	61.8	5.7
Total	76,352	100.0	

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	ACS
				2004
Not Indicated	32,361	42.4	5.5	N/A
Less than \$10,000	6,102	8.0	2.9	28,765
\$10,000 to \$14,999	2,780	3.6	1.6	14,157
\$15,000 to \$24,999	5,826	7.6	3.4	31,688
\$25,000 to \$34,999	4,089	5.4	1.8	23,518
\$35,000 to \$49,999	7,481	9.8	3.4	29,714
\$50,000 to \$74,999	6,579	8.6	2.5	22,538
\$75,000 to \$99,999	4,695	6.1	2.4	12,211
\$100,000 to \$149,999	2,989	3.9	1.6	11,109
\$150,000 to \$199,999	2,075	2.7	1.4	2,005
\$200,000 or more	1,374	1.8	1.0	4,677
Total	76,352	100.0		180,382

Household Poverty Level <sup>3</sup>	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	32,361	42.4	5.5
Below 50% poverty level	2,819	3.7	1.8
50%-100% poverty level	5,779	7.6	2.8
100%-200% poverty level	8,498	11.1	3.2
Above 200% poverty level	26,894	35.2	5.1
Total	76,352	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	311	0.2	0.1	0	0	0
0-4 years	2,049	1.1	0.5	1,013	0.5	0.5
5-17 years	12,210	6.4	2.0	3,194	1.7	1.6
18-44 years	29,749	15.6	2.9	2,462	1.3	1.0
45-64 years	24,905	13.0	2.6	2,046	1.1	0.7
65+ years	10,491	5.5	1.6	681	0.4	0.3
Total	79,714	41.7	6.0	9,396	4.9	2.8

<sup>3</sup> Poverty level definition used is from the 2006 Federal Registry and can be found at: <http://www.dhhs.state.nh.us/DHHS/PIO/LIBRARY/Policy-Guideline/federal-poverty-guidelines.htm>.

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	354	0.2	0.3
0-4 years	933	0.5	0.4	762	0.4	0.3
5-17 years	1,071	0.6	0.4	1,667	0.9	0.6
18-44 years	2,697	1.4	0.8	14,270	7.5	3.0
45-64 years	3,930	2.1	1.2	5,749	3.0	1.1
65+ years	2,825	1.5	0.9	2,727	1.4	0.9
Total	11,456	6.0	2.4	25,528	13.4	4.0
	<b>Above 200% poverty level</b>			<b>Total</b>		

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	306	0.2	0.2	971	0.5	0.4
0-4 years	3,089	1.6	0.7	7,846	4.1	1.0
5-17 years	9,406	4.9	1.7	27,548	14.4	2.4
18-44 years	29,101	15.2	3.0	78,279	41.0	3.3
45-64 years	18,833	9.9	2.3	55,462	29.0	3.0
65+ years	4,310	2.3	1.0	21,033	11.0	2.1
Total	65,044	34.0	5.5	191,139	100.0	

Was Any Household Income Earned in Past Month or Year?	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	45	0.1	0.1
No	4,925	6.5	2.3
Yes	71,381	93.5	2.3
Total	76,352	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	3,114	4.1	1.7
Same income	24,317	31.8	4.5
More income	15,089	19.8	4.5
Less income	15,646	20.5	4.2
Refused	10,766	14.1	3.2
Don't know	7,420	9.7	2.6
Total	76,352	100.0	

## EDUCATION INDICATORS

### School Attendance During Past 6 Months (Aged 3 years and older)

	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	4,595	2.5	1.3
No school attended	136,553	73.0	3.2
Home schooled	836	0.4	0.4
Yes, public school or college	27,763	14.8	2.9
Yes, private school or college	17,303	9.3	1.9
Total	187,049	100.0	

### Grade or Level Attending (Aged 3 years and older)

	Estimated Count	Estimated Percent	Margin of Error (+/-)	ACS 2004
Not Indicated	6,188	12.3	5.3	N/A
Nursery or preschool	2,449	4.9	2.1	10,876
Kindergarten	1,142	2.3	1.3	4,832
Grade 1 to 4	8,652	17.1	6.2	50,483
Grade 5 to 8	7,255	14.4	4.2	27,390
Grade 9 to 12	10,620	21.0	5.5	26,258
College	9,432	18.7	4.3	
Graduate or professional	4,758	9.4	3.4	
Total	50,496	100.0		119,839

### Highest Degree or Level Completed (Aged 25 years and older)

	Estimated Count	Estimated Percent	Margin of Error (+/-)	ACS 2004
Not Indicated	7,976	5.9	2.6	N/A
No school completed	657	0.5	0.5	49,948
Less than high school	16,278	12.1	2.9	89,719
High school graduate/GED	29,486	21.9	3.6	55,593
Some college or associates	27,605	20.5	3.5	57,625
Bachelors degree	24,304	18.1	2.9	30,007
Some or completed graduate/professional	26,220	19.5	2.8	N/A
Refused	332	0.2	0.3	N/A
Don't know	1,543	1.1	0.8	N/A
Total	134,401	100.0		282,892

## HURRICANE IMPACT ON RESIDENCY

### Housing Prior to 2005 Hurricanes

	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,871	1.0	0.5
Same House	122,638	64.2	5.0
Different House	66,630	34.9	5.0
Total	191,139	100.0	

<b>Change in Residence due to Damaged Housing</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	48,577	72.9	6.6
No	18,053	27.1	6.6
Total	66,630	100.0	

<b>Change in Residence due to Job Opportunities</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	7,042	10.6	4.1
No	59,589	89.4	4.1
Total	66,630	100.0	

<b>Change in Residence due to Loss of Job</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Yes	507	0.8	0.8
No	66,123	99.2	0.8
Total	66,630	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	8,922	13.4	4.1
No	57,708	86.6	4.1
Total	66,630	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>ACS 2004</b>
Not Indicated	5,594	3.5	1.5	N/A
Employed	76,300	47.1	3.7	188,071
Self-Employed	14,021	8.7	2.1	
Out of Work > 1 Year	6,098	3.8	1.3	25,252
Out of Work < 1 Year	8,631	5.3	1.6	
Homemaker/Caregiver	5,754	3.6	1.0	
Student	15,463	9.5	2.1	126,450
Retired	21,653	13.4	2.7	
Unable to Work	8,511	5.3	1.8	
Refused	0	0	0	N/A
Don't Know	40	0	0	N/A
Total	162,065	100.0		339,773



## HEALTH INSURANCE INDICATORS

<b>Health Insurance Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	5,433	2.8	1.3
Private only	104,351	54.6	4.7
Medicare only	13,046	6.8	2.0
Medicaid only	11,693	6.1	2.5
Uninsured	38,953	20.4	4.0
Other or multiple insurance	17,662	9.2	2.0
Total	191,139	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	3,957	10.2	6.7
6 months or less	1,829	4.7	3.8
> 6 months <= 1 year	8,425	21.6	11.2
> 1 year and <= 3 years	9,001	23.1	8.9
more than 3 years	13,468	34.6	10.9
Don't know	0	0	0
Total	2,274	5.8	4.3
	38,953	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	6,919	17.8	8.3
yes	11,369	29.2	8.5
no	20,665	53.1	10.7
Total	38,953	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	5,261	3.2	1.3
Yes, was told has diabetes	11,642	7.2	1.7
Yes, told at pregnancy	188	0.1	0.2
Pre or borderline diabetic	1,574	1.0	0.6
No diabetes	141,824	87.5	2.3
Refused	0	0	0
Don't know	1,576	1.0	0.9
Total	162,065	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	4,013	2.5	1.5
Yes, was told has HBP	34,015	21.0	2.6
Yes, told at pregnancy	263	0.2	0.3
Pre or borderline HBP	1,618	1.0	0.6
No HBP	120,637	74.4	3.2
Refused	0	0	0
Don't know	1,518	0.9	0.9
Total	162,065	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	4,675	2.9	1.5
Yes	4,825	3.0	1.0
No	150,845	93.1	2.1
Refused	0	0	0
Don't know	1,721	1.1	0.9
Total	162,065	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	5,246	3.2	1.5
Yes	10,342	6.4	1.9
No	144,757	89.3	2.4
Refused	0	0	0
Don't know	1,721	1.1	0.9
Total	162,065	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	4,715	2.9	1.5
Yes	3,018	1.9	1.1
No	152,345	94.0	2.0
Refused	0	0	0
Don't know	1,987	1.2	1.0
Total	162,065	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	4,675	2.9	1.5
Yes	2,646	1.6	1.0
No	152,933	94.4	1.9
Refused	0	0	0
Don't know	1,811	1.1	0.9
Total	162,065	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	6,552	4.0	1.6
Nowhere	6,322	3.9	1.7
Clinic/health center	29,264	18.1	3.6
Doctors office/HMO	96,712	59.7	4.8
Hospital emergency room	7,178	4.4	2.1
Hospital outpatient clinic	6,354	3.9	1.4
Other place	3,724	2.3	2.6
More than 1 place	2,750	1.7	1.4
Refused	0	0	0
Don't know	3,208	2.0	1.1
Total	162,065	100.0	

<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	9,584	5.9	2.3
Nowhere	12,831	7.9	2.7
Clinic/health center	23,335	14.4	3.1
Doctors office/HMO	75,362	46.5	4.4
Hospital emergency room	6,201	3.8	1.5
Hospital outpatient clinic	5,108	3.2	1.3
Other place	14,758	9.1	3.3
More than 1 place	9,146	5.6	3.2
Refused	0	0	0
Don't know	5,742	3.5	2.1
Total	162,065	100	

<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	2,635	3.5	1.8
Serious mental health condition indicated by score (Score ≥ 13)	12,470	16.3	3.2
Score 0-12	61,247	80.2	3.5
Total	76,352	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/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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