



2006 Louisiana Health and Population Survey Survey Report January 30, 2007

Washington 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 Washington Parish between August and November 2006.

Household Survey Population Estimate	42,731	(+/-) 9.5% Margin of Error
Group Quarters Population*	1,683	

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

Washington 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	42,731		9.5	42,139

Gender Composition

Male	20,161	47.2	1.9	21,441
Female	22,113	51.7	1.9	22,485
Not Indicated	457	1.1	0.6	0

Age Cohort

Under 5 years	2,162	5.1	1.5	3,158
5 to 9 years	3,126	7.3	1.4	3,238
10 to 14 years	3,133	7.3	1.2	3,235
15 to 19 years	3,649	8.5	1.7	3,389
20 to 24 years	2,602	6.1	1.6	2,930
25 to 34 years	5,307	12.4	2.1	5,347
35 to 44 years	4,763	11.1	1.6	6,389
45 to 54 years	5,417	12.7	2.1	5,726
55 to 64 years	6,042	14.1	2.0	4,222
65 to 74 years	3,677	8.6	2.4	3,345
75 to 84 years	1,892	4.4	1.2	2,238
85 years and over	892	2.1	0.8	709
Not Indicated	70	0.2	0.2	N/A

Racial/Ethnic Composition	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
White only	29,232	68.4	4.8	29,614
Black only	11,926	27.9	5.0	13,851
Asian only	0	0	0	73
American Indian, Alaska Native only	310	0.7	0.7	100
Native Hawaiian, Other Pacific Islander only	41	0.1	0.2	1
Multiracial	144	0.3	0.4	239
Other race or no race selected	1,079	2.5	1.7	48

Spanish, Hispanic, Latino Origin	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,398	3.3	1.6
Latino	1,071	2.5	2.0
Not Latino	40,262	94.2	3.0
Total	42,731	100.0	

¹ 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	Margin of Error (+/-)
Not Indicated*						
White only	380	0.9	0.6	28,170	65.9	5.1
Black only	255	0.6	0.6	11,372	26.6	4.9
Asian only	0	0	0	0	0	0
American Indian, Alaska Native only	0	0	0	310	0.7	0.7
Native Hawaiian, Other Pacific Islander only	0	0	0	41	0.1	0.2
Multiracial	0	0	0	144	0.3	0.4
Other race or no race selected	437	1.0	1.5	225	0.5	0.6
Total	1,071	2.5	2.0	40,262	94.2	3.0

* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated Count 1,395; Estimated Percent 3.3; Margin of Error (+/-) 1.6

HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	3,669	22.4	3.3
2 people	5,758	35.2	4.5
3 people	3,056	18.7	3.4
4 people	2,245	13.7	4.0
5 people	971	5.9	2.1
6 people	285	1.7	1.2
7 people	323	2.0	1.2
8 people	71	0.4	0.5
Total	16,378	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	436	2.7	2.0
Rent	2,494	15.2	3.8
Own	13,449	82.1	4.1
Total	16,378	100.0	

INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	5,672	34.6	5.7	0
Less than \$10,000	1,117	6.8	1.8	3,411
\$10,000 to \$14,999	1,934	11.8	2.5	1,769
\$15,000 to \$24,999	2,344	14.3	3.7	3,246
\$25,000 to \$34,999	1,363	8.3	2.4	2,536
\$35,000 to \$49,999	1,723	10.5	3.0	2,058
\$50,000 to \$74,999	1,189	7.3	2.2	2,110
\$75,000 to \$99,999	536	3.3	1.5	771
\$100,000 to \$149,999	364	2.2	1.5	384
\$150,000 to \$199,999	65	0.4	0.5	79
\$200,000 or more	71	0.4	0.5	90
Total	16,378	100.0		16,454

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	5,672	34.6	5.7
Below 50% poverty level	440	2.7	1.3
50%-100% poverty level	2,462	15.0	3.1
100%-200% poverty level	3,422	20.9	4.3
Above 200% poverty level	4,383	26.8	4.5
Total	16,378	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	70	0.2	0.2	0	0	0
0-4 years	919	2.1	1.1	144	0.3	0.4
5-17 years	2,359	5.5	1.6	346	0.8	0.7
18-44 years	3,747	8.8	2.0	564	1.3	0.8
45-64 years	4,623	10.8	2.6	106	0.2	0.2
65+ years	2,652	6.2	1.8	74	0.2	0.2
Total	14,370	33.6	5.6	1,233	2.9	1.6

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	318	0.7	0.6	593	1.4	0.6
5-17 years	2,160	5.1	2.0	2,163	5.1	1.6
18-44 years	2,252	5.3	1.5	3,648	8.5	2.2
45-64 years	1,524	3.6	1.4	1,863	4.4	1.2
65+ years	887	2.1	0.9	1,265	3.0	1.1
Total	7,142	16.7	3.9	9,532	22.3	4.9

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	70	0.2	0.2
0-4 years	188	0.4	0.3	2,162	5.1	1.5
5-17 years	1,790	4.2	1.6	8,818	20.6	2.4
18-44 years	3,551	8.3	2.7	13,762	32.2	2.7
45-64 years	3,343	7.8	2.1	11,459	26.8	3.1
65+ years	1,583	3.7	1.3	6,461	15.1	3.1
Total	10,454	24.5	5.0	42,731	100.0	

Was Any Household Income Earned in Past Month or Year?	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0
No	311	1.9	1.1
Yes	16,068	98.1	1.1
Total	16,378	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	602	3.7	1.8
Same income	7,024	42.9	5.7
More income	3,050	18.6	3.8
Less income	3,253	19.9	3.6
Refused	1,454	8.9	4.8
Don't know	994	6.1	2.6
Total	16,378	100.0	

EDUCATION INDICATORS

School Attendance During Past 6 Months (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	997	2.4	1.2
No school attended	30,324	72.9	3.1
Home schooled	56	0.1	0.2
Yes, public school or college	9,101	21.9	3.1
Yes, private school or college	1,130	2.7	1.0
Total	41,608	100.0	

Grade or Level Attending (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	887	7.9	4.4	0
Nursery or preschool	490	4.3	2.2	668
Kindergarten	567	5.0	2.7	677
Grade 1 to 4	2,495	22.1	4.6	2,733
Grade 5 to 8	2,522	22.4	4.5	2,712
Grade 9 to 12	3,358	29.8	5.7	2,916
College	738	6.5	2.3	1,041
Graduate or professional	226	2.0	1.4	221
Total	11,284	100.0		10,968

Highest Degree or Level Completed (Aged 25 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	1,426	5.0	2.0	0
No school completed	183	0.6	0.5	3,018
Less than high school	4,456	15.7	3.6	5,865
High school graduate/GED	11,924	42.1	3.6	11,227
Some college or associates	6,289	22.2	3.7	4,789
Bachelors degree	2,289	8.1	2.3	1,842
Some or completed graduate/professional	1,444	5.1	1.3	1,213
Refused	46	0.2	0.3	0
Don't know	283	1.0	0.7	0
Total	28,340	100.0		27,954

HOUSING INDICATORS

Housing Prior to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	435	1.0	0.6
Same House	32,707	76.5	4.4
Different House	9,590	22.4	4.4
Total	42,731	100.0	

Change in Residence due to Damaged Housing	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	3,608	37.6	11.4
No	5,981	62.4	11.4
Total	9,590	100.0	

Change in Residence due to Job Opportunities	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	427	4.5	2.9
No	9,162	95.5	2.9
Total	9,590	100.0	

Change in Residence due to Loss of Job	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	700	7.3	7.3
No	8,889	92.7	7.3
Total	9,590	100.0	

Change in Residence due to Other Circumstances	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	3,925	40.9	13.7
No	5,664	59.1	13.7
Total	9,590	100.0	

EMPLOYMENT INDICATOR

Employment Status – Aged 16 Years and Older	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	860	2.6	1.2	0
Employed	12,727	37.9	3.9	15,047
Self-Employed	2,825	8.4	2.1	
Out of Work > 1 Year	770	2.3	0.9	1,334
Out of Work < 1 Year	1,177	3.5	0.8	
Homemaker/Caregiver	2,083	6.2	1.5	
Student	2,122	6.3	1.5	17,124
Retired	6,707	20.0	2.8	
Unable to Work	4,248	12.6	2.4	
Refused	0	0	0	0
Don't Know	97	0.3	0.3	0
Total	33,616	100.0		33,505

HEALTH INSURANCE INDICATORS

Health Insurance Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	783	1.8	0.8
Private only	17,003	39.8	5.6
Medicare only	3,717	8.7	1.9
Medicaid only	6,072	14.2	3.2
Uninsured	8,400	19.7	3.6
Other or multiple insurance	6,757	15.8	2.8
Total	42,731	100.0	

Length of Time Without Health Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	583	6.9	5.7
6 months or less	520	6.2	3.3
> 6 months <= 1 year	828	9.9	3.8
> 1 year and <= 3 years	1,346	16.0	4.6
more than 3 years	4,560	54.3	7.5
Refused	107	1.3	1.5
Don't know	455	5.4	3.2
Total	8,400	100.0	

Lack of Coverage Due to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,077	12.8	5.9
yes	721	8.6	4.5
no	6,601	78.6	7.9
Total	8,400	100.0	

HEALTH INDICATORS

Ever Diagnosed with Diabetes - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	778	2.3	1.2
Yes, was told has diabetes	4,669	13.9	2.2
Yes, told at pregnancy	75	0.2	0.3
Pre or borderline diabetic	352	1.0	0.7
No diabetes	27,577	82.0	2.6
Refused	0	0	0
Don't know	165	0.5	0.6
Total	33,616	100.0	

Ever Diagnosed with High Blood Pressure - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	248	0.7	0.5
Yes, was told has HBP	12,016	35.7	3.5
Yes, told at pregnancy	231	0.7	0.5
Pre or borderline HBP	285	0.8	0.6
No HBP	20,548	61.1	3.9
Refused	0	0	0
Don't know	288	0.9	0.9
Total	33,616	100.0	

Ever Diagnosed with Angina or Coronary Heart Disease - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	404	1.2	0.7
Yes	3,468	10.3	2.1
No	29,669	88.3	2.2
Refused	0	0	0
Don't know	75	0.2	0.4
Total	33,616	100.0	

Ever Diagnosed with Asthma - Aged 16 and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	443	1.3	0.7
Yes	3,725	11.1	2.3
No	29,239	87.0	2.4
Refused	0	0	0
Don't know	209	0.6	0.5
Total	33,616	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	349	1.0	0.6
Yes	2,271	6.8	1.6
No	30,923	92.0	1.7
Refused	0	0	0
Don't know	73	0.2	0.3
Total	33,616	100.0	

Ever Diagnosed with a Stroke - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	404	1.2	0.7
Yes	1,606	4.8	1.4
No	31,568	93.9	1.7
Refused	0	0	0
Don't know	38	0.1	0.2
Total	33,616	100.0	

Usual Place for Health Care Prior to the 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	968	2.9	1.3
Nowhere	2,356	7.0	2.3
Clinic/health center	7,145	21.3	4.2
Doctors office/HMO	18,303	54.4	6.4
Hospital emergency room	2,502	7.4	2.3
Hospital outpatient clinic	1,392	4.1	1.7
Other place	165	0.5	0.4
More than 1 place	171	0.5	0.6
Refused	0	0	0
Don't know	613	1.8	1.0
Total	33,616	100.0	

Usual Place for Health Care After 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,162	3.5	1.4
Nowhere	2,498	7.4	2.4
Clinic/health center	7,086	21.1	4.0
Doctors office/HMO	17,977	53.5	6.2
Hospital emergency room	2,558	7.6	2.3
Hospital outpatient clinic	1,456	4.3	1.6
Other place	180	0.5	0.4
More than 1 place	171	0.5	0.6
Refused	0	0	0
Don't know	527	1.6	0.9
Total	33,616	100.0	

Mental Health Indicator – Assessment only of Head of Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	281	1.7	1.0
Serious mental health condition indicated by score (Score ≥ 13)	1,835	11.2	2.3
Score 0 - 12	14,262	87.1	2.5
Total	16,378	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.

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.

Contact Information

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