



2006 Louisiana Health and Population Survey Survey Report February 2, 2007

Tangipahoa 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 Tangipahoa Parish between August and November 2006.

Household Survey Population Estimate	110,342	(+/-)16.5% Margin of Error
Group Quarters Population*	3,484	

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

Tangipahoa 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	110,342		16.5	97,313

Gender Composition

Male	49,798	45.1	2.5	48,481
Female	59,134	53.6	2.7	52,107
Not Indicated	1,410	1.3	0.6	0

Age Cohort

Under 5 years	8,419	7.6	1.3	7,256
5 to 9 years	8,185	7.4	2.1	7,733
10 to 14 years	9,740	8.8	2.2	7,861
15 to 19 years	9,432	8.5	1.8	9,093
20 to 24 years	9,838	8.9	2.1	8,716
25 to 34 years	16,597	15.0	2.1	13,154
35 to 44 years	13,289	12.0	1.5	14,723
45 to 54 years	15,927	14.4	2.2	13,095
55 to 64 years	9,415	8.5	1.9	8,267
65 to 74 years	5,334	4.8	1.5	6,041
75 to 84 years	3,342	3.0	1.0	3,456
85 years and over	713	0.6	0.4	1,193
Not Indicated	110	0.1	0.2	N/A

<u>Racial/Ethnic Composition</u>	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
White only	68,817	62.4	8.5	70,175
Black only	37,795	34.3	6.8	28,519
Asian only	67	0.1	0.1	395
American Indian, Alaska Native only	493	0.4	0.4	242
Native Hawaiian, Other Pacific Islander only	256	0.2	0.4	8
Multiracial	2,025	1.8	2.1	788
Other race or no race selected	889	0.8	0.8	461

Spanish, Hispanic, Latino Origin	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	1,301	1.2	0.8	0
Latino	961	0.9	0.6	1,536
Not Latino	108,079	97.9	1.0	99,052
Total	110,342	100.0		100,588

¹ Margin of error calculated at 90% confidence.

Race of Those Indicating Spanish, Hispanic, Latino Origin or Not 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 (+/-)
White only	803	0.7	0.6	67,690	61.3	8.4
Black only	136	0.1	0.2	37,407	33.9	6.8
Asian only	0	0	0	67	0.1	0.1
American Indian, Alaska Native only	0	0	0	493	0.4	0.4
Native Hawaiian, Other Pacific Islander only	0	0	0	256	0.2	0.4
Multiracial	0	0	0	1,928	1.7	2.1
Other race or no race selected	22	0	0	238	0.2	0.2
Total	961	0.9	0.6	108,079	97.9	1.0

* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated Count 1,301; Estimated Percent 1.2; Margin of Error 0.8.

HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	8,340	20.7	3.5
2 people	12,895	32.0	4.3
3 people	7,337	18.2	3.2
4 people	7,274	18.0	4.6
5 people	2,419	6.0	1.7
6 people	1,729	4.3	1.8
7 people	223	0.6	0.6
8 people	135	0.3	0.5
Total	40,352	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0
Rent	11,622	28.8	8.8
Own	28,730	71.2	8.8
Total	40,352	100.0	

INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	15,078	37.4	6.0	0
Less than \$10,000	2,803	6.9	2.3	7,131
\$10,000 to \$14,999	3,553	8.8	2.6	3,275
\$15,000 to \$24,999	4,891	12.1	3.0	5,547
\$25,000 to \$34,999	3,081	7.6	2.4	5,007
\$35,000 to \$49,999	3,250	8.1	2.6	5,596
\$50,000 to \$74,999	4,092	10.1	2.6	5,829
\$75,000 to \$99,999	1,305	3.2	1.3	2,231
\$100,000 to \$149,999	1,754	4.3	2.0	1,386
\$150,000 to \$199,999	454	1.1	0.8	207
\$200,000 or more	90	0.2	0.4	307
Total	40,352	100.0		36,516

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	15,078	37.4	6.0
Below 50% poverty level	1,221	3.0	1.5
50%-100% poverty level	4,532	11.2	4.2
100%-200% poverty level	6,951	17.2	3.8
Above 200% poverty level	12,569	31.1	3.6
Total	40,352	100.0	

Not Indicated				Below 50% poverty level		
Individual Poverty Level by Age	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	110	0.1	0.2	0	0	0
0-4 years	3,110	2.8	1.1	382	0.3	0.5
5-17 years	9,111	8.3	2.2	1,230	1.1	1.1
18-44 years	17,534	15.9	3.7	1,068	1.0	0.6
45-64 years	8,989	8.1	2.2	1,037	0.9	0.6
65+ years	3,977	3.6	1.3	124	0.1	0.2
Total	42,831	38.8	7.0	3,841	3.5	2.0
50%-100% poverty level				100%-200% poverty level		
Individual Poverty Level by Age (Continued)	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	1,711	1.6	1.1	1,563	1.4	0.9
5-17 years	4,082	3.7	2.9	3,435	3.1	1.5
18-44 years	3,735	3.4	1.8	6,759	6.1	2.0
45-64 years	1,935	1.8	0.7	3,601	3.3	1.2
65+ years	987	0.9	0.6	1,802	1.6	0.7
Total	12,450	11.3	5.8	17,161	15.6	4.6

	Above 200% poverty level			Total		
Individual Poverty Level by Age (Continued)	Estimated Count	Estimated Percent	Margin of Error (+/-)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0	110	0.1	0.2
0-4 years	1,654	1.5	0.7	8,419	7.6	1.3
5-17 years	5,691	5.2	1.1	23,548	21.3	4.8
18-44 years	14,437	13.1	2.4	43,533	39.5	2.6
45-64 years	9,780	8.9	2.1	25,343	23.0	3.5
65+ years	2,498	2.3	0.8	9,389	8.5	2.1
Total	34,059	30.9	4.1	110,342	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	1,468	3.6	1.4
Yes	38,884	96.4	1.4
Total	40,352	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,925	4.8	2.4
Same income	13,538	33.5	5.9
More income	7,485	18.5	3.6
Less income	9,374	23.2	6.6
Refused	3,854	9.5	3.3
Don't know	4,176	10.4	3.8
Total	40,352	100.0	

EDUCATION INDICATORS

School Attendance During Past 6 Months (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	737	0.7	0.6
No school attended	70,678	66.4	4.7
Home schooled	1,076	1.0	1.4
Yes, public school or college	31,412	29.5	4.1
Yes, private school or college	2,599	2.4	1.2
Total	106,502	100.0	

Grade or Level Attending (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	1,860	5.2	2.6	0
Nursery or preschool	2,097	5.9	2.6	1,795
Kindergarten	2,356	6.6	2.8	1,358
Grade 1 to 4	5,484	15.3	3.2	6,557
Grade 5 to 8	8,561	23.9	4.3	6,564
Grade 9 to 12	7,446	20.8	4.0	6,501
College	7,118	19.9	6.3	6,692
Graduate or professional	903	2.5	1.7	763
Total	35,824	100.0		30,230

Highest Degree or Level Completed (Aged 25 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	3,491	5.3	2.1	0
No school completed	84	0.1	0.2	5,869
Less than high school	11,299	17.2	3.6	11,194
High school graduate/GED	23,875	36.3	5.6	20,531
Some college or associates	14,556	22.1	3.4	12,558
Bachelors degree	7,774	11.8	2.2	6,531
Some or completed graduate/professional	4,305	6.6	2.0	3,226
Refused	0	0	0	0
Don't know	332	0.5	0.6	0
Total	65,715	100.0		59,909

HOUSING INDICATORS

Housing Prior to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	806	0.7	0.5
Same House	84,538	76.6	7.9
Different House	24,998	22.7	8.0
Total	110,342	100.0	

Change in Residence due to Damaged Housing	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	15,810	63.2	18.8
No	9,188	36.8	18.8
Total	24,998	100.0	

Change in Residence due to Job Opportunities	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	854	3.4	3.0
No	24,144	96.6	3.0
Total	24,998	100.0	

Change in Residence due to Loss of Job	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	708	2.8	3.4
No	24,290	97.2	3.4
Total	24,998	100.0	

Change in Residence due to Other Circumstances	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	6,000	24.0	12.5
No	18,998	76.0	12.5
Total	24,998	100.0	

EMPLOYMENT INDICATOR

Employment Status – Aged 16 Years and Older	Estimated Count	Estimated Percent	Margin of Error (+/-)	U.S. Census 2000
Not Indicated	1,890	2.3	1.5	0
Employed	41,034	49.6	3.2	40,787
Self-Employed	6,002	7.3	2.2	
Out of Work > 1 Year	1,929	2.3	0.9	3,844
Out of Work < 1 Year	2,179	2.6	0.9	
Homemaker/Caregiver	3,921	4.7	1.2	
Student	9,230	11.2	2.3	31,388
Retired	9,675	11.7	2.6	
Unable to Work	6,418	7.8	1.7	
Refused	296	0.4	0.4	0
Don't Know	185	0.2	0.3	0
Total	82,759	100.0		76,019

HEALTH INSURANCE INDICATORS

Health Insurance Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	4,275	3.9	2.7
Private only	45,912	41.6	6.6
Medicare only	6,407	5.8	1.3
Medicaid only	13,531	12.3	3.9
Uninsured	21,880	19.8	3.4
Other or multiple insurance	18,336	16.6	2.9
Total	110,342	100.0	

Length of Time Without Health Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	322	1.5	1.5
6 months or less	1,717	7.8	4.5
> 6 months <= 1 year	1,864	8.5	6.5
> 1 year and <= 3 years	6,017	27.5	9.3
more than 3 years	10,464	47.8	11.9
Refused	0	0	0
Don't Know	1,495	6.8	4.8
Total	21,880	100.0	

Lack of Coverage Due to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,196	5.5	3.8
yes	4,314	19.7	14.2
no	16,370	74.8	13.3
Total	21,880	100.0	

HEALTH INDICATORS

Ever Diagnosed with Diabetes - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	593	0.7	0.6
Yes, was told has diabetes	7,789	9.4	3.3
Yes, told at pregnancy	346	0.4	0.3
Pre or borderline diabetic	929	1.1	0.9
No diabetes	72,443	87.5	3.4
Refused	0	0	0
Don't know	660	0.8	0.8
Total	82,759	100.0	

Ever Diagnosed with High Blood Pressure - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	498	0.6	0.6
Yes, was told has HBP	19,327	23.4	3.1
Yes, told at pregnancy	209	0.3	0.3
Pre or borderline HBP	951	1.1	0.7
No HBP	61,158	73.9	3.0
Refused	128	0.2	0.3
Don't know	488	0.6	0.7
Total	82,759	100.0	

**Ever Diagnosed with Angina
or Coronary Heart Disease -
Aged 16 years and older**

	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	555	0.7	0.7
Yes	3,815	4.6	1.4
No	77,977	94.2	1.5
Refused	0	0	0
Don't know	412	0.5	0.4
Total	82,759	100.0	

**Ever Diagnosed with
Asthma - Aged 16 and older**

	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	419	0.5	0.6
Yes	5,385	6.5	2.0
No	76,869	92.9	2.0
Refused	0	0	0
Don't know	86	0.1	0.2
Total	82,759	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	528	0.6	0.6
Yes	2,766	3.3	1.3
No	79,153	95.6	1.3
Refused	0	0	0
Don't know	313	0.4	0.4
Total	82,759	100.0	

**Ever Diagnosed with a
Stroke - Aged 16 years and
older**

	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	424	0.5	0.6
Yes	1,755	2.1	1.1
No	80,495	97.3	1.2
Refused	0	0	0
Don't know	86	0.1	0.2
Total	82,759	100.0	

Usual Place for Health Care Prior to the 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,000	1.2	1.3
Nowhere	3,918	4.7	2.0
Clinic/health center	14,167	17.1	4.2
Doctors office/HMO	52,399	63.3	5.5
Hospital emergency room	6,363	7.7	3.0
Hospital outpatient clinic	2,942	3.6	1.5
Other place	246	0.3	0.3
More than 1 place	483	0.6	0.7
Refused	0	0	0
Don't know	1,241	1.5	1.2
Total	82,759	100.0	

Usual Place for Health Care After 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,140	1.4	1.5
Nowhere	5,173	6.3	4.0
Clinic/health center	14,028	17.0	4.6
Doctors office/HMO	51,249	61.9	5.8
Hospital emergency room	6,683	8.1	3.0
Hospital outpatient clinic	2,136	2.6	1.3
Other place	369	0.4	0.6
More than 1 place	739	0.9	0.9
Refused	0	0	0
Don't know	1,242	1.5	1.3
Total	82,759	100.0	

Mental Health Indicator – Assessment only of Head of Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	455	1.1	0.9
Serious mental health condition indicated by score (Score ≥ 13)	4,306	10.7	4.7
Score 0 - 12	35,591	88.2	4.6
Total	40,352	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.

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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