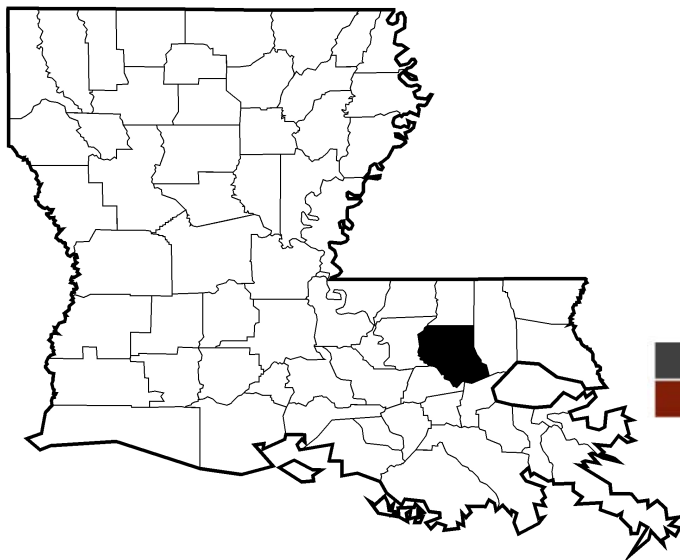


Enhancement of the U.S. Census Bureau  
2006 Annual Population Estimates  
from the 2006 Louisiana Health and Population Survey

# Livingston Parish



## **Introduction – Louisiana Supplement to U.S. Census Bureau Annual Estimates**

Following the catastrophic hurricanes of 2005, the State of Louisiana had an immediate need to determine the scope of disaster related displacements in order to determine service needs for the devastated areas, particularly in the health field. The Southeastern parishes of Louisiana were first devastated by massive flooding due to storm surge and levee breaches of Hurricane Katrina on August 29, 2005, followed merely three weeks later by massive damage to the Southwest parishes by Hurricane Rita on September 23, 2005. These storms resulted in massive displacements of historic proportions creating great uncertainty about the population size, demographics and health status within Louisiana.

The Department of Health and Hospitals and the Louisiana Recovery Authority identified the need for timely and accurate population estimates critical to guiding decision-making for effective planning and efficient resource allocation. They requested technical assistance from the Centers for Disease Control and Prevention/Agency for Toxic Substances and Disease Registry and the U.S. Census Bureau to help develop and implement a survey to collect demographic and health information in the 18 most impacted parishes. The Louisiana Public Health Institute conducted the survey on behalf of the State with funding provided by the CDC, CDC foundation and a special appropriation of state planning money from the Community Development Block Grant program.

Surveys were conducted from June to December of 2006 resulting in population estimates being developed for 11 parishes and demographic and health needs information being collected on 18 parishes. In addition, a migration report was developed to estimate movements of hurricane impacted citizens within the 18 surveyed parishes.

In late March of 2007, the Census Bureau released the first post-hurricane annual estimates for the parishes, which were as of July 2006. These estimates include total population figures including an estimate of those living in group quarters. The Department of Health and Hospitals, Louisiana Recovery Authority and Louisiana Public Health Institute recognized that State survey data collected in the 18 parishes could enhance these figures by adding additional components and improve estimates on demographics and health care needs. The result is this series of 18 reports estimating a wide range of demographic and health trends post-hurricane. In addition, the State developed a migration report based on questions in the survey regarding pre-hurricane location and causes of displacement.

Important note: The total, household and group quarter estimates come directly from the U.S. Census Bureau's 2006 Annual Estimates at the Parish level. However, this report supplements these numbers with State derived survey estimates, and this report is not an official product of the U.S. Census Bureau.

## Livingston Parish Survey Results

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

	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)<sup>1</sup></b>	<b>2000 Census</b>
<b>Population/Demographics</b>				
Total Population	114,805			91,814
Total Household Population	114,221			91,230
Group Quarters Population	584			584
<b>Gender Composition</b>				
Male	56,160	49.2	2.5	45,550
Female	56,483	49.5	2.5	46,264
Not Indicated	1,577	1.4	0.6	N/A
<b>Age Cohort</b>				
Under 5 years	6,064	5.3	1.3	6,916
5 to 9 years	8,337	7.3	1.3	7,540
10 to 14 years	9,044	7.9	1.7	7,739
15 to 19 years	7,815	6.8	1.5	7,529
20 to 24 years	7,977	7.0	1.7	5,696
25 to 34 years	17,481	15.3	2.6	13,569
35 to 44 years	18,178	15.9	1.5	15,347
45 to 54 years	16,147	14.1	2.1	12,050
55 to 64 years	10,959	9.6	1.7	7,616
65 to 74 years	6,654	5.8	1.6	4,715
75 to 84 years	4,179	3.7	1.1	2,433
85 years and over	944	0.8	0.5	664
Not Indicated	442	0.4	0.3	N/A
<b>Racial/Ethnic Composition</b>				
White only	102,365	89.6	4.4	86,625
Black only	8,266	7.2	4.3	3,874
Asian only	775	0.7	0.9	163
American Indian, Alaska Native only	0	0	0	335
Native Hawaiian, Other Pacific Islander only	0	0	0	14
Multiracial	447	0.4	0.4	628
Other race or no race selected	2,368	2.1	1.3	N/A
<b>Hispanic or Latino Origin</b>				
Not Indicated	3,148	2.8	1.4	N/A
Latino	3,200	2.8	1.8	1,017
Not Latino	107,873	94.4	2.1	90,797
Total	114,221	100.0		91,814

<sup>1</sup> 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 (+/-)
Not Indicated*						
White only	2,385	2.1	1.6	97,560	85.4	4.3
Black only	0	0	0	8,177	7.2	4.3
Asian only	0	0	0	775	0.7	0.9
American Indian, Alaska Native only	0	0	0	0	0	0
Native Hawaiian, Other Pacific Islander only	0	0	0	0	0	0
Multiracial	0	0	0	447	0.4	0.4
Other race or no race selected	815	0.7	0.8	914	0.8	0.9
Total	3,200	2.8	1.8	107,873	94.4	2.1

\* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated count 3,148; Estimated percent 2.8; Margin of error 1.4.

#### HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	10,625	24.2	4.9
2 people	13,461	30.6	4.1
3 people	8,177	18.6	4.0
4 people	7,366	16.8	3.3
5 people	3,597	8.2	3.0
6 people	439	1.0	1.0
7 people	294	0.7	0.6
Total	43,960	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	278	0.6	0.7
Rent	7,113	16.2	4.8
Own	36,569	83.2	4.9
Total	43,960	100.0	

## INCOME INDICATORS

	2000 Census			
Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	
Not Indicated	15,159	34.5	6.3	N/A
Less than \$10,000	1,197	2.7	1.3	3,369
\$10,000 to \$14,999	1,755	4.0	1.9	2,091
\$15,000 to \$24,999	4,536	10.3	2.6	4,431
\$25,000 to \$34,999	3,772	8.6	2.4	4,600
\$35,000 to \$49,999	7,327	16.7	3.7	6,104
\$50,000 to \$74,999	6,438	14.6	4.4	7,093
\$75,000 to \$99,999	2,673	6.1	2.3	3,071
\$100,000 to \$149,999	991	2.3	1.2	1,483
\$150,000 to \$199,999	111	0.3	0.4	240
\$200,000 or more	0	0	0	172
Total	43,960	100.0		32,654

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	15,159	34.5	6.3
Below 50% poverty level	308	0.7	0.6
50%-100% poverty level	1,712	3.9	1.5
100%-200% poverty level	7,303	16.6	3.2
Above 200% poverty level	19,477	44.3	5.3
Total	43,960	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	113	0.1	0.2	0	0	0
0-4 years	1,397	1.2	0.7	0	0	0
5-17 years	7,636	6.7	2.1	740	0.6	0.8
18-44 years	15,090	13.2	3.4	289	0.3	0.2
45-64 years	9,985	8.7	2.1	308	0.3	0.3
65+ years	5,175	4.5	1.6	84	0.1	0.1
Total	39,397	34.5	7.3	1,421	1.2	1.2
	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	182	0.2	0.2
0-4 years	180	0.2	0.2	1,691	1.5	0.7
5-17 years	1,125	1.0	0.8	3,395	3.0	1.4
18-44 years	1,138	1.0	0.6	6,347	5.6	2.1
45-64 years	1,070	0.9	0.6	4,506	3.9	1.5
65+ years	650	0.6	0.6	2,817	2.5	1.0
Total	4,162	3.6	1.7	18,938	16.6	3.5

<b>Individual Poverty Level by Age (Continued)</b>	<b>Above 200% poverty level</b>			<b>Total</b>		
	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	147	0.1	0.2	442	0.4	0.3
0-4 years	2,796	2.4	1.1	6,064	5.3	1.3
5-17 years	9,946	8.7	2.8	22,842	20.0	2.7
18-44 years	23,125	20.2	3.8	45,990	40.3	3.3
45-64 years	11,238	9.8	2.1	27,106	23.7	2.7
65+ years	3,051	2.7	1.1	11,778	10.3	2.3
Total	50,302	44.0	6.5	114,221	100.0	

<b>Was Any Household Income Earned in Past Month or Year?</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	0	0	0
No	2,019	4.6	2.1
Yes	41,941	95.4	2.1
Total	43,960	100.0	

<b>Household Income in Past Month Compared to Household Income Same Month Last Year</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	422	1.0	0.8
Same income	20,083	45.7	4.7
More income	11,211	25.5	4.9
Less income	8,338	19.0	4.2
Refused	1,577	3.6	1.7
Don't know	2,329	5.3	2.6
Total	43,960	100.0	

#### **EDUCATION INDICATORS**

<b>School Attendance During Past 6 Months (Aged 3 years and older)</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	933	0.8	0.7
No school attended	81,121	73.1	2.5
Home schooled	336	0.3	0.3
Yes, public school or college	25,306	22.8	2.4
Yes, private school or college	3,289	3.0	1.4
Total	110,985	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>2000 Census</b>
Not Indicated	1,908	6.4	3.7	N/A
Nursery or preschool	1,562	5.2	2.4	1,710
Kindergarten	1,262	4.2	2.4	1,509
Grade 1 to 4	7,242	24.2	4.3	12,784
Grade 5 to 8	6,477	21.7	3.7	
Grade 9 to 12	6,767	22.7	5.7	6,045
College	4,228	14.2	4.0	3,235
Graduate or professional	418	1.4	1.3	
<b>Total</b>	<b>29,864</b>	<b>100.0</b>		<b>25,283</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>2000 Census</b>
Not Indicated	1,957	2.6	1.4	N/A
No school completed	293	0.4	0.5	12,878
Less than high school	10,050	13.4	2.3	24,408
High school graduate/GED	36,716	49.1	3.6	12,781
Some college or associates	17,405	23.3	3.4	4,707
Bachelors degree	4,920	6.6	2.0	1,754
Some or completed graduate/professional	3,290	4.4	2.2	
Refused	0	0	0	N/A
Don't know	171	0.2	0.3	N/A
<b>Total</b>	<b>74,801</b>	<b>100.0</b>		<b>56,528</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	1,241	1.1	0.9
Same House	92,212	80.7	5.1
Different House	20,768	18.2	5.1
<b>Total</b>	<b>114,221</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	7,189	34.6	17.1
No	13,579	65.4	17.1
<b>Total</b>	<b>20,768</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	1,553	7.5	6.2
No	19,215	92.5	6.2
<b>Total</b>	<b>20,768</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	564	2.7	3.3
No	20,204	97.3	3.3
Total	20,768	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	9,504	45.8	15.1
No	11,264	54.2	15.1
Total	20,768	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>2000 Census</b>
Not Indicated	1,311	1.5	0.7	N/A
Employed	46,672	52.2	4.8	40,928
Self-Employed	6,753	7.6	1.8	
Out of Work > 1 Year	1,414	1.6	0.9	2,050
Out of Work < 1 Year	1,217	1.4	0.8	
Homemaker/Caregiver	6,911	7.7	1.5	
Student	6,218	7.0	1.4	25,075
Retired	11,782	13.2	2.8	
Unable to Work	6,433	7.2	1.9	
Refused	574	0.6	0.6	N/A
Don't Know	84	0.1	0.2	N/A
Total	89,370	100.0		68,053

### HEALTH INSURANCE INDICATORS

<b>Health Insurance Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	827	0.7	0.5
Private only	63,154	55.3	5.6
Medicare only	6,064	5.3	1.3
Medicaid only	11,690	10.2	2.8
Uninsured	19,433	17.0	3.3
Other or multiple insurance	13,054	11.4	2.9
Total	114,221	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	750	3.9	2.6
6 months or less	384	2.0	2.2
> 6 months <= 1 year	1,815	9.3	8.0
> 1 year and <= 3 years	4,250	21.9	7.1
more than 3 years	11,366	58.5	9.3
Refused	0	0	0
Don't know	868	4.5	3.8
Total	19,433	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	1,367	7.0	5.0
Yes	675	3.5	3.4
No	17,391	89.5	5.8
Total	19,433	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	1,874	2.1	1.2
Yes, was told has diabetes	8,698	9.7	2.8
Yes, told at pregnancy	209	0.2	0.4
Pre or borderline diabetic	665	0.7	0.5
No diabetes	77,148	86.3	3.5
Refused	0	0	0
Don't know	776	0.9	1.3
Total	89,370	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	1,254	1.4	0.9
Yes, was told has HBP	21,008	23.5	3.2
Yes, told at pregnancy	468	0.5	0.5
Pre or borderline HBP	712	0.8	0.6
No HBP	65,838	73.7	3.1
Refused	0	0	0
Don't know	90	0.1	0.1
Total	89,370	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	1,607	1.8	1.1
Yes	4,691	5.2	1.6
No	83,072	93.0	1.9
Refused	0	0	0
Don't know	0	0	0
Total	89,370	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	1,461	1.6	1.1
Yes	6,878	7.7	1.8
No	81,031	90.7	2.0
Refused	0	0	0
Don't know	0	0	0
Total	89,370	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	1,242	1.4	1.1
Yes	2,368	2.6	1.0
No	85,760	96.0	1.3
Refused	0	0	0
Don't know	0	0	0
Total	89,370	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	1,299	1.5	1.0
Yes	2,896	3.2	0.9
No	85,174	95.3	1.5
Refused	0	0	0
Don't know	0	0	0
Total	89,370	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	1,601	1.8	1.4
Nowhere	3,086	3.5	2.5
Clinic/health center	19,805	22.2	5.0
Doctors office/HMO	54,770	61.3	6.6
Hospital emergency room	6,857	7.7	2.5
Hospital outpatient clinic	2,488	2.8	1.9
Other place	265	0.3	0.4
More than 1 place	265	0.3	0.3
Refused	0	0	0
Don't know	232	0.3	0.3
<b>Total</b>	<b>89,370</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	1,710	1.9	1.4
Nowhere	4,406	4.9	4.2
Clinic/health center	19,282	21.6	5.2
Doctors office/HMO	50,781	56.8	6.4
Hospital emergency room	6,897	7.7	2.9
Hospital outpatient clinic	2,563	2.9	2.0
Other place	3,233	3.6	2.0
More than 1 place	265	0.3	0.3
Refused	0	0	0
Don't know	232	0.3	0.3
<b>Total</b>	<b>89,370</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	1,166	2.7	1.5
Serious mental health condition indicated by score (Score ≥ 13)	3,114	7.1	2.3
Score 0 – 12	39,680	90.3	3.2
<b>Total</b>	<b>43,960</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/dataawh/nchsdefs/seriouspsydistress.htm>.

SOURCE: Health, United States

Additional reports may also be available for specific characteristics on request. 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).

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