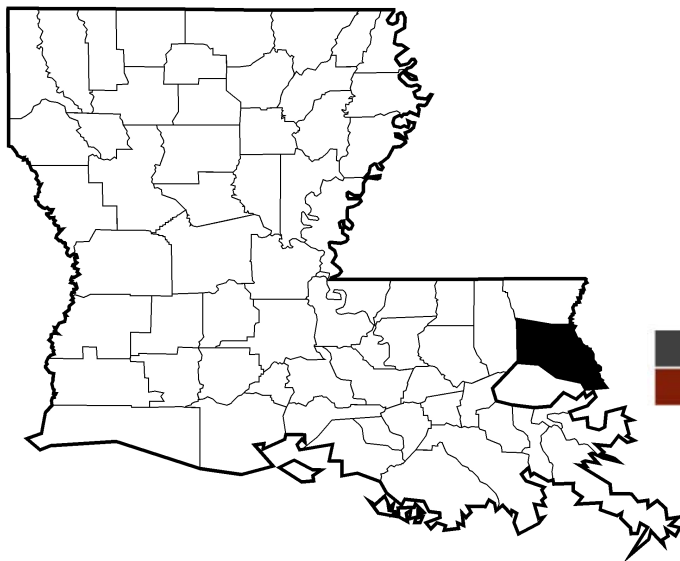


Enhancement of the U.S. Census Bureau  
2006 Annual Population Estimates  
from the 2006 Louisiana Health and Population Survey

# St. Tammany 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.

## **St. Tammany 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>2000 Census</b>
Total Population	230,605			191,268
Total Household Population	228,561			188,922
Group Quarters Population	2,044			2,346

### **Gender Composition**

Male	111,572	48.8	2.7	93,740
Female	112,889	49.4	2.6	97,528
Not Indicated	4,100	1.8	0.9	N/A

### **Age Cohort**

Under 5 years	12,642	5.5	1.7	13,556
5 to 9 years	14,652	6.4	1.6	15,029
10 to 14 years	19,808	8.7	1.7	16,147
15 to 19 years	16,086	7.0	1.5	14,672
20 to 24 years	16,676	7.3	2.7	9,045
25 to 34 years	22,314	9.8	2.4	22,986
35 to 44 years	33,332	14.6	2.7	34,112
45 to 54 years	38,876	17.0	3.0	29,703
55 to 64 years	27,078	11.8	2.7	16,858
65 to 74 years	14,171	6.2	1.7	10,993
75 to 84 years	9,538	4.2	1.7	6,329
85 years and over	2,405	1.1	0.7	1,838
Not Indicated	983	0.4	0.4	N/A

<b>Racial/Ethnic Composition</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>2000 Census</b>
White only	194,896	85.3	4.2	166,458
Black only	22,569	9.9	3.9	18,929
Asian only	1,394	0.6	1.0	1,420
American Indian, Alaska Native only	0	0	0	825
Native Hawaiian, Other Pacific Islander only	0	0	0	57
Multiracial	1,088	0.5	0.3	2,415
Other race or no race selected	8,613	3.8	1.7	N/A

<b>Hispanic or Latino Origin</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>	<b>2000 Census</b>
Not Indicated	5,070	2.2	1.1	N/A
Latino	10,431	4.6	2.2	1,387
Not Latino	213,060	93.2	2.7	186,531
Total	228,561	100.0		191,268

<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	7,030	3.1	2.0	186,710	81.7	4.8
Black only	427	0.2	0.3	21,201	9.3	3.8
Asian only	0	0	0	1,394	0.6	1.0
American Indian, Alaska Native only	0	0	0	0	0	0
Native Hawaiian, Other Pacific Islander only	0	0	0	0	0	0
Multiracial	42	0	0	1,003	0.4	0.3
Other race or no race selected	2,932	1.3	1.1	2,752	1.2	1.1
Total	10,431	4.6	2.2	213,060	93.2	2.7

\* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated count 5,070; Estimated percent 2.2; Margin of error 1.1.

#### HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	11,472	14.3	4.0
2 people	28,385	35.3	4.9
3 people	15,897	19.8	4.2
4 people	15,720	19.6	5.9
5 people	5,968	7.4	3.1
6 people	1,646	2.0	1.8
7 people	475	0.6	0.7
8 people	526	0.7	0.8
11 people	227	0.3	0.5
Total	80,317	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,863	2.3	1.4
Rent	14,955	18.6	4.9
Own	63,499	79.1	5.3
Total	80,317	100.0	

## INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	28,974	36.1	6.3	N/A
Less than \$10,000	1,662	2.1	1.4	5,632
\$10,000 to \$14,999	4,044	5.0	2.0	3,717
\$15,000 to \$24,999	6,612	8.2	3.2	7,881
\$25,000 to \$34,999	3,623	4.5	2.1	7,787
\$35,000 to \$49,999	8,642	10.8	2.8	10,887
\$50,000 to \$74,999	13,182	16.4	4.4	13,965
\$75,000 to \$99,999	3,799	4.7	2.1	8,592
\$100,000 to \$149,999	6,503	8.1	3.6	6,865
\$150,000 to \$199,999	2,471	3.1	2.2	2,022
\$200,000 or more	806	1.0	1.0	1,933
Total	80,317	100.0		69,281

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	28,974	36.1	6.3
Below 50% poverty level	998	1.2	1.1
50%-100% poverty level	3,822	4.8	2.0
100%-200% poverty level	9,320	11.6	3.8
Above 200% poverty level	37,203	46.3	6.1
Total	80,317	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	983	0.4	0.4	0	0	0
0-4 years	5,977	2.6	1.4	643	0.3	0.5
5-17 years	18,449	8.1	2.4	381	0.2	0.2
18-44 years	30,749	13.5	3.5	1,148	0.5	0.5
45-64 years	21,728	9.5	2.4	847	0.4	0.5
65+ years	11,422	5.0	1.8	0	0	0
Total	89,307	39.1	7.1	3,020	1.3	1.2

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	244	0.1	0.2	1,694	0.7	0.6
5-17 years	5,093	2.2	1.6	2,500	1.1	0.7
18-44 years	3,972	1.7	1.0	8,829	3.9	2.2
45-64 years	3,637	1.6	0.9	6,760	3.0	2.0
65+ years	954	0.4	0.4	4,741	2.1	1.2
Total	13,899	6.1	2.8	24,525	10.7	4.3

<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	0	0	0	983	0.4	0.4
0-4 years	4,084	1.8	0.9	12,642	5.5	1.7
5-17 years	20,710	9.1	2.7	47,132	20.6	2.7
18-44 years	31,038	13.6	3.3	75,736	33.1	3.2
45-64 years	32,982	14.4	3.1	65,955	28.9	3.9
65+ years	8,996	3.9	1.9	26,113	11.4	2.6
Total	97,810	42.8	6.5	228,561	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	3,763	4.7	2.5
Yes	76,554	95.3	2.5
Total	80,317	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	3,829	4.8	2.0
Same income	38,994	48.6	6.0
More income	17,668	22.0	6.1
Less income	13,680	17.0	4.0
Refused	4,083	5.1	2.7
Don't know	2,062	2.6	1.6
Total	80,317	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	5,987	2.7	1.2
No school attended	155,011	69.9	3.2
Home schooled	0	0	0
Yes, public school or college	52,616	23.7	3.4
Yes, private school or college	8,049	3.6	1.9
Total	221,663	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	8,157	12.2	4.7	N/A
Nursery or preschool	1,285	1.9	1.5	4,527
Kindergarten	4,061	6.1	3.2	2,954
Grade 1 to 4	8,470	12.7	3.7	26,258
Grade 5 to 8	17,993	27.0	5.6	
Grade 9 to 12	16,035	24.1	4.8	12,247
College	7,390	11.1	3.9	8,143
Graduate or professional	3,260	4.9	3.3	
<b>Total</b>	<b>66,652</b>	<b>100.0</b>		<b>54,129</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	10,782	7.2	3.0	N/A
No school completed	515	0.3	0.6	19,835
Less than high school	13,281	8.8	2.9	
High school graduate/GED	46,449	30.9	4.4	32,584
Some college or associates	35,532	23.7	3.6	35,718
Bachelors degree	22,474	15.0	3.5	23,186
Some or completed graduate/professional	20,165	13.4	3.6	11,636
Refused	0	0	0	N/A
Don't know	1,038	0.7	0.8	N/A
<b>Total</b>	<b>150,235</b>	<b>100.0</b>		<b>122,959</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	6,422	2.8	1.1
Same House	170,851	74.8	5.4
Different House	51,288	22.4	5.6
<b>Total</b>	<b>228,561</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	30,404	59.3	13.9
No	20,884	40.7	13.9
<b>Total</b>	<b>51,288</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	7,123	13.9	9.2
No	44,165	86.1	9.2
<b>Total</b>	<b>51,288</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	0	0	0
No	51,288	100.0	0
Total	51,288	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	7,944	15.5	8.2
No	43,344	84.5	8.2
Total	51,288	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	4,812	2.7	1.3	N/A
Employed	91,694	51.3	5.4	88,822
Self-Employed	14,060	7.9	2.0	
Out of Work > 1 Year	4,093	2.3	1.2	3,521
Out of Work < 1 Year	5,072	2.8	1.2	
Homemaker/Caregiver	12,840	7.2	1.7	
Student	10,658	6.0	1.7	50,645
Retired	24,626	13.8	3.6	
Unable to Work	9,751	5.5	2.0	
Refused	654	0.4	0.5	N/A
Don't Know	538	0.3	0.3	N/A
Total	178,798	100.0		142,988

### HEALTH INSURANCE INDICATORS

<b>Health Insurance Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	6,814	3.0	3.0
Private only	139,683	61.1	5.1
Medicare only	14,441	6.3	2.3
Medicaid only	18,135	7.9	3.5
Uninsured	31,399	13.7	3.3
Other or multiple insurance	18,090	7.9	1.8
Total	228,561	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	3,618	11.5	6.2
6 months or less	634	2.0	2.0
> 6 months <= 1 year	774	2.5	3.0
> 1 year and <= 3 years	9,102	29.0	12.6
more than 3 years	15,099	48.1	11.5
Refused	0	0	0
Don't know	2,171	6.9	5.5
Total	31,399	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	5,364	17.1	7.1
Yes	1,813	5.8	4.9
No	24,222	77.1	7.2
Total	31,399	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	7,192	4.0	1.7
Yes, was told has diabetes	10,609	5.9	1.9
Yes, told at pregnancy	1,285	0.7	0.6
Pre or borderline diabetic	244	0.1	0.2
No diabetes	157,134	87.9	2.6
Refused	195	0.1	0.2
Don't know	2,139	1.2	1.2
Total	178,798	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	3,999	2.2	1.5
Yes, was told has HBP	37,809	21.1	3.2
Yes, told at pregnancy	986	0.6	0.5
Pre or borderline HBP	3,417	1.9	1.3
No HBP	131,253	73.4	3.3
Refused	0	0	0
Don't know	1,334	0.7	0.8
Total	178,798	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	6,296	3.5	1.9
Yes	9,766	5.5	1.7
No	161,285	90.2	2.8
Refused	0	0	0
Don't know	1,451	0.8	0.8
Total	178,798	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	6,866	3.8	1.9
Yes	17,015	9.5	2.7
No	154,037	86.2	3.0
Refused	0	0	0
Don't know	880	0.5	0.6
Total	178,798	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	5,064	2.8	1.6
Yes	9,329	5.2	1.5
No	163,719	91.6	2.4
Refused	0	0	0
Don't know	685	0.4	0.6
Total	178,798	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	6,237	3.5	1.8
Yes	4,214	2.4	1.2
No	167,661	93.8	2.1
Refused	0	0	0
Don't know	685	0.4	0.6
Total	178,798	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	7,187	4.0	1.7
Nowhere	7,198	4.0	2.4
Clinic/health center	24,043	13.4	4.0
Doctors office/HMO	119,740	67.0	7.6
Hospital emergency room	4,456	2.5	1.5
Hospital outpatient clinic	7,314	4.1	3.6
Other place	1,089	0.6	0.6
More than 1 place	2,499	1.4	1.1
Refused	187	0.1	0.2
Don't know	5,085	2.8	1.7
<b>Total</b>	<b>178,798</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	7,520	4.2	1.7
Nowhere	9,597	5.4	2.4
Clinic/health center	22,903	12.8	4.0
Doctors office/HMO	114,579	64.1	7.5
Hospital emergency room	4,758	2.7	1.6
Hospital outpatient clinic	7,189	4.0	3.6
Other place	4,806	2.7	1.4
More than 1 place	2,173	1.2	0.9
Refused	187	0.1	0.2
Don't know	5,085	2.8	1.7
<b>Total</b>	<b>178,798</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	1,858	2.3	1.4
Serious mental health condition indicated by score (Score ≥ 13)	8,132	10.1	3.2
Score 0 – 12	70,327	87.6	3.6
<b>Total</b>	<b>80,317</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/datawh/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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