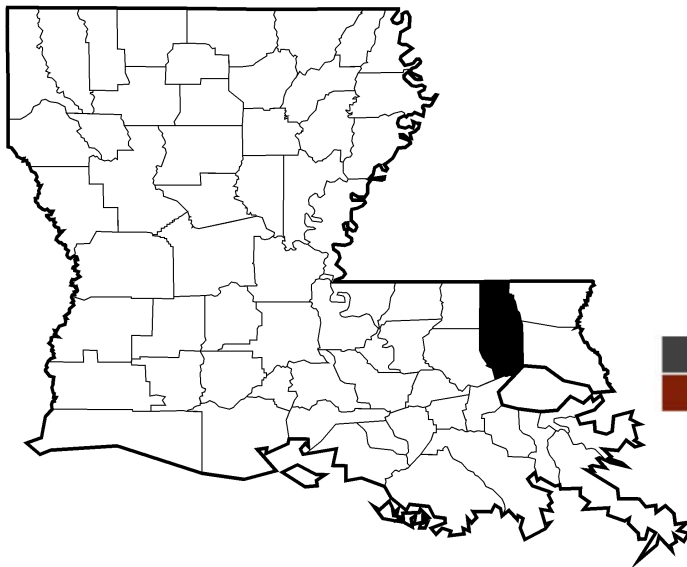


Enhancement of the U.S. Census Bureau
2006 Annual Population Estimates
from the 2006 Louisiana Health and Population Survey

Tangipahoa 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.

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	2000 Census
Total Population	113,137			100,588
Total Household Population	109,896			97,313
Group Quarters Population	3,241			3,275

Gender Composition

Male	49,468	45.0	2.5	48,481
Female	59,016	53.7	2.7	52,107
Not Indicated	1,412	1.3	0.6	N/A

Age Cohort

Under 5 years	8,438	7.7	1.3	7,256
5 to 9 years	8,183	7.4	2.1	7,733
10 to 14 years	9,725	8.8	2.2	7,861
15 to 19 years	9,479	8.6	1.8	9,093
20 to 24 years	9,801	8.9	2.2	8,716
25 to 34 years	16,493	15.0	2.1	13,154
35 to 44 years	13,162	12.0	1.5	14,723
45 to 54 years	15,852	14.4	2.2	13,095
55 to 64 years	9,309	8.5	1.9	8,267
65 to 74 years	5,319	4.8	1.6	6,041
75 to 84 years	3,324	3.0	1.0	3,456
85 years and over	703	0.6	0.4	1,193
Not Indicated	107	0.1	0.2	N/A

Racial/Ethnic Composition

	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
White only	68,357	62.2	8.7	70,175
Black only	37,785	34.4	6.9	28,519
Asian only	65	0.1	0.1	395
American Indian, Alaska Native only	496	0.5	0.4	242
Native Hawaiian, Other Pacific Islander only	249	0.2	0.4	8
Multiracial	2,068	1.9	2.1	788
Other race or no race selected	875	0.8	0.8	N/A

Hispanic or Latino Origin

	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	1,277	1.2	0.8	N/A
Latino	1,008	0.9	0.7	1,536
Not Latino	107,612	97.9	1.0	99,052
Total	109,896	100.0		100,588

¹ 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	854	0.8	0.6	67,188	61.1	8.6
Black only	132	0.1	0.2	37,408	34.0	6.9
Asian only	0	0	0	65	0.1	0.1
American Indian, Alaska Native only	0	0	0	496	0.5	0.4
Native Hawaiian, Other Pacific Islander only	0	0	0	249	0.2	0.4
Multiracial	0	0	0	1,974	1.8	2.1
Other race or no race selected	22	0	0	231	0.2	0.2
Total	1,008	0.9	0.7	107,612	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 1,277; 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	8,393	20.9	3.6
2 people	12,751	31.7	4.3
3 people	7,278	18.1	3.2
4 people	7,298	18.2	4.7
5 people	2,411	6.0	1.7
6 people	1,718	4.3	1.8
7 people	219	0.5	0.6
8 people	135	0.3	0.5
Total	40,203	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	0	0	0
Rent	11,595	28.8	9.2
Own	28,608	71.2	9.2
Total	40,203	100.0	

INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	15,103	37.6	6.0	N/A
Less than \$10,000	2,771	6.9	2.2	7,131
\$10,000 to \$14,999	3,515	8.7	2.6	3,275
\$15,000 to \$24,999	4,960	12.3	3.1	5,547
\$25,000 to \$34,999	3,042	7.6	2.4	5,007
\$35,000 to \$49,999	3,208	8.0	2.6	5,596
\$50,000 to \$74,999	4,049	10.1	2.7	5,829
\$75,000 to \$99,999	1,294	3.2	1.3	2,231
\$100,000 to \$149,999	1,721	4.3	2.0	1,386
\$150,000 to \$199,999	451	1.1	0.8	207
\$200,000 or more	89	0.2	0.4	307
Total	40,203	100.0		36,516

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	15,103	37.6	6.0
Below 50% poverty level	1,215	3.0	1.5
50%-100% poverty level	4,516	11.2	4.3
100%-200% poverty level	6,894	17.1	3.8
Above 200% poverty level	12,474	31.0	3.6
Total	40,203	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	107	0.1	0.2	0	0	0
0-4 years	3,148	2.9	1.2	379	0.3	0.5
5-17 years	9,114	8.3	2.2	1,258	1.1	1.2
18-44 years	17,509	15.9	3.7	1,063	1.0	0.6
45-64 years	8,976	8.2	2.2	1,034	0.9	0.6
65+ years	3,982	3.6	1.3	121	0.1	0.2
Total	42,835	39.0	7.1	3,854	3.5	2.0

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	1,725	1.6	1.1	1,532	1.4	0.9
5-17 years	4,144	3.8	3.0	3,382	3.1	1.5
18-44 years	3,751	3.4	1.8	6,647	6.0	1.9
45-64 years	1,924	1.8	0.7	3,592	3.3	1.2
65+ years	965	0.9	0.6	1,769	1.6	0.7
Total	12,509	11.4	6.0	16,923	15.4	4.6

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	107	0.1	0.2
0-4 years	1,654	1.5	0.7	8,438	7.7	1.3
5-17 years	5,657	5.1	1.1	23,555	21.4	4.9
18-44 years	14,319	13.0	2.4	43,289	39.4	2.5
45-64 years	9,636	8.8	2.1	25,161	22.9	3.5
65+ years	2,510	2.3	0.8	9,347	8.5	2.1
Total	33,775	30.7	4.0	109,896	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	1,463	3.6	1.4
Yes	38,740	96.4	1.4
Total	40,203	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,897	4.7	2.3
Same income	13,512	33.6	5.8
More income	7,419	18.5	3.5
Less income	9,370	23.3	6.7
Refused	3,874	9.6	3.3
Don't know	4,130	10.3	3.8
Total	40,203	100.0	

EDUCATION INDICATORS

School Attendance During Past 6 Months (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	731	0.7	0.6
No school attended	70,296	66.3	4.9
Home schooled	1,111	1.0	1.4
Yes, public school or college	31,289	29.5	4.2
Yes, private school or college	2,557	2.4	1.2
Total	105,984	100.0	

Grade or Level Attending (Aged 3 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	1,848	5.2	2.5	N/A
Nursery or preschool	2,066	5.8	2.5	1,795
Kindergarten	2,361	6.6	2.9	1,358
Grade 1 to 4	5,474	15.3	3.2	13,121
Grade 5 to 8	8,556	24.0	4.3	
Grade 9 to 12	7,431	20.8	4.0	6,501
College	7,062	19.8	6.2	7,455
Graduate or professional	890	2.5	1.7	
Total	35,688	100.0		30,230

Highest Degree or Level Completed (Aged 25 years and older)	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	3,434	5.3	2.1	N/A
No school completed	86	0.1	0.2	17,063
Less than high school	11,215	17.2	3.5	
High school graduate/GED	23,607	36.2	5.6	20,531
Some college or associates	14,542	22.3	3.3	12,558
Bachelors degree	7,760	11.9	2.3	6,531
Some or completed graduate/professional	4,275	6.6	2.0	3,226
Refused	0	0	0	N/A
Don't know	330	0.5	0.6	N/A
Total	65,250	100.0		59,909

HOUSING INDICATORS

Housing Prior to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	845	0.8	0.5
Same House	83,987	76.4	8.1
Different House	25,064	22.8	8.2
Total	109,896	100.0	

Change in Residence due to Damaged Housing	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	16,004	63.9	19.0
No	9,060	36.1	19.0
Total	25,064	100.0	

Change in Residence due to Job Opportunities	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	836	3.3	3.0
No	24,228	96.7	3.0
Total	25,064	100.0	

Change in Residence due to Loss of Job	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	689	2.7	3.3
No	24,375	97.3	3.3
Total	25,064	100.0	

Change in Residence due to Other Circumstances	Estimated Count	Estimated Percent	Margin of Error (+/-)
Yes	5,927	23.6	12.6
No	19,137	76.4	12.6
Total	25,064	100.0	

EMPLOYMENT INDICATOR

Employment Status – Aged 16 Years and Older	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	1,844	2.2	1.5	N/A
Employed	40,797	49.6	3.2	40,787
Self-Employed	5,992	7.3	2.3	
Out of Work > 1 Year	1,931	2.3	0.9	3,844
Out of Work < 1 Year	2,163	2.6	0.9	
Homemaker/Caregiver	3,915	4.8	1.2	31,388
Student	9,175	11.2	2.3	
Retired	9,633	11.7	2.6	
Unable to Work	6,349	7.7	1.6	
Refused	293	0.4	0.4	N/A
Don't Know	183	0.2	0.3	N/a
Total	82,276	100.0		76,019

HEALTH INSURANCE INDICATORS

Health Insurance Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	4,219	3.8	2.7
Private only	45,464	41.4	6.7
Medicare only	6,332	5.8	1.3
Medicaid only	13,527	12.3	3.9
Uninsured	21,818	19.9	3.4
Other or multiple insurance	18,536	16.9	2.9
Total	109,896	100.0	

Length of Time Without Health Coverage	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	319	1.5	1.5
6 months or less	1,707	7.8	4.5
> 6 months <= 1 year	1,897	8.7	6.7
> 1 year and <= 3 years	6,020	27.6	9.5
more than 3 years	10,363	47.5	12.0
Refused	0	0	0
Don't know	1,512	6.9	4.9
Total	21,818	100.0	

Lack of Coverage Due to 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,168	5.4	3.8
Yes	4,377	20.1	14.6
No	16,273	74.6	13.6
Total	21,818	100.0	

HEALTH INDICATORS

Ever Diagnosed with Diabetes - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	588	0.7	0.6
Yes, was told has diabetes	7,774	9.4	3.4
Yes, told at pregnancy	352	0.4	0.4
Pre or borderline diabetic	912	1.1	0.9
No diabetes	72,004	87.5	3.4
Refused	0	0	0
Don't know	646	0.8	0.8
Total	82,276	100.0	

Ever Diagnosed with High Blood Pressure - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	484	0.6	0.5
Yes, was told has HBP	19,167	23.3	3.0
Yes, told at pregnancy	216	0.3	0.3
Pre or borderline HBP	940	1.1	0.7
No HBP	60,866	74.0	3.0
Refused	125	0.2	0.2
Don't know	478	0.6	0.7
Total	82,276	100.0	

Ever Diagnosed with Angina or Coronary Heart Disease - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	540	0.7	0.6
Yes	3,767	4.6	1.4
No	77,562	94.3	1.5
Refused	0	0	0
Don't know	408	0.5	0.4
Total	82,276	100.0	

Ever Diagnosed with Asthma - Aged 16 and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	408	0.5	0.6
Yes	5,350	6.5	2.0
No	76,434	92.9	2.0
Refused	0	0	0
Don't know	84	0.1	0.2
Total	82,276	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	513	0.6	0.6
Yes	2,742	3.3	1.2
No	78,712	95.7	1.3
Refused	0	0	0
Don't know	308	0.4	0.4
Total	82,276	100.0	

Ever Diagnosed with a Stroke - Aged 16 years and older	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	412	0.5	0.6
Yes	1,748	2.1	1.1
No	80,033	97.3	1.2
Refused	0	0	0
Don't know	84	0.1	0.2
Total	82,276	100.0	

Usual Place for Health Care Prior to the 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	975	1.2	1.3
Nowhere	3,933	4.8	2.0
Clinic/health center	13,992	17.0	4.2
Doctors office/HMO	52,065	63.3	5.5
Hospital emergency room	6,350	7.7	3.0
Hospital outpatient clinic	3,012	3.7	1.5
Other place	242	0.3	0.3
More than 1 place	480	0.6	0.7
Refused	0	0	0
Don't know	1,228	1.5	1.2
Total	82,276	100.0	

Usual Place for Health Care After 2005 Hurricanes	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	1,108	1.3	1.5
Nowhere	5,239	6.4	4.2
Clinic/health center	13,802	16.8	4.5
Doctors office/HMO	50,934	61.9	5.8
Hospital emergency room	6,660	8.1	3.0
Hospital outpatient clinic	2,201	2.7	1.4
Other place	370	0.4	0.6
More than 1 place	729	0.9	0.9
Refused	0	0	0
Don't know	1,232	1.5	1.3
Total	82,276	100.0	

Mental Health Indicator – Assessment only of Head of Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	446	1.1	0.8
Serious mental health condition indicated by score (Score ≥ 13)	4,351	10.8	4.9
Score 0 – 12	35,405	88.1	4.7
Total	40,203	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

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.

Contact Information

Louisiana Department of Health and Hospitals
Media and Communications
Baton Rouge, Louisiana
Phone (225) 342-1532, Fax (225) 342-3738
www.dhh.louisiana.gov

Louisiana Recovery Authority
Baton Rouge, Louisiana
Phone (225) 342-1790, Fax (225) 338-5364
www.lra.louisiana.gov

Louisiana Public Health Institute
New Orleans, Louisiana
Phone (504) 301-9800, Fax (504) 301-9801
www.lphi.org

Centers for Disease Control and Prevention
Agency for Toxic Substances and Disease Registry
Media Relations
Atlanta, Georgia
(404)639-0070
<http://www.cdc.gov/od/oc/media/index.htm>