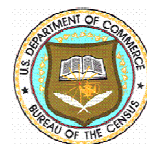
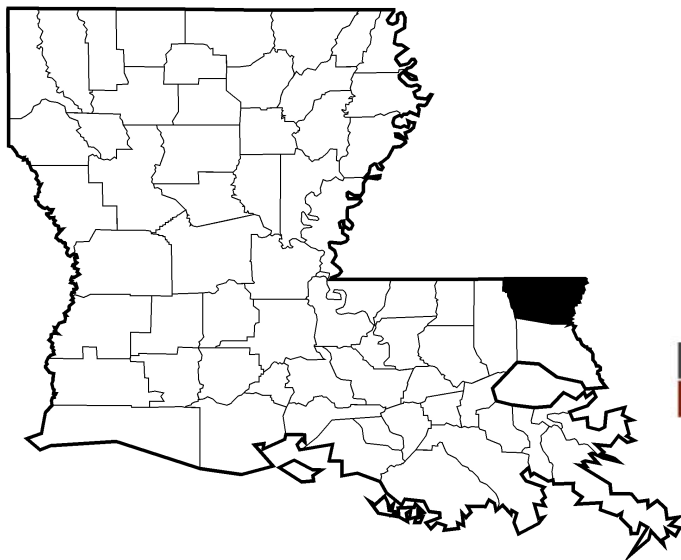


Enhancement of the U.S. Census Bureau  
2006 Annual Population Estimates  
from the 2006 Louisiana Health and Population Survey

# Washington 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.

## Washington Parish Survey Results

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

	Estimated Count	Estimated Percent	Margin of Error (+/-) <sup>1</sup>	2000 Census
<b>Population/Demographics</b>				
Total Population	44,750			43,926
Total Household Population	43,093			42,139
Group Quarters Population	1,657			1,787
<b>Gender Composition</b>				
Male	20,300	47.1	1.9	21,441
Female	22,325	51.8	1.9	22,485
Not Indicated	468	1.1	0.6	N/A
<b>Age Cohort</b>				
Under 5 years	2,198	5.1	1.5	3,158
5 to 9 years	3,189	7.4	1.4	3,238
10 to 14 years	3,171	7.4	1.2	3,235
15 to 19 years	3,692	8.6	1.7	3,389
20 to 24 years	2,619	6.1	1.6	2,930
25 to 34 years	5,344	12.4	2.1	5,347
35 to 44 years	4,808	11.2	1.6	6,389
45 to 54 years	5,448	12.6	2.1	5,726
55 to 64 years	6,024	14.0	2.0	4,222
65 to 74 years	3,697	8.6	2.3	3,345
75 to 84 years	1,922	4.5	1.2	2,238
85 years and over	910	2.1	0.8	709
Not Indicated	70	0.2	0.2	N/A
<b>Racial/Ethnic Composition</b>				
White only	29,269	67.9	4.7	29,614
Black only	12,247	28.4	5.0	13,851
Asian only	0	0	0	73
American Indian, Alaska Native only	317	0.7	0.7	100
Native Hawaiian, Other Pacific Islander only	41	0.1	0.2	1
Multiracial	147	0.3	0.4	239
Other race or no race selected	1,072	2.5	1.7	N/A
<b>Hispanic or Latino Origin</b>				
Not Indicated	1,415	3.3	1.5	N/A
Latino	1,067	2.5	2.0	334
Not Latino	40,610	94.2	2.9	43,592
Total	43,093	100.0		43,926

<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	379	0.9	0.6	28,201	65.4	5.0
Black only	259	0.6	0.6	11,683	27.1	4.8
Asian only	0	0	0	0	0	0
American Indian, Alaska Native only	0	0	0	317	0.7	0.7
Native Hawaiian, Other Pacific Islander only	0	0	0	41	0.1	0.2
Multiracial	0	0	0	147	0.3	0.4
Other race or no race selected	429	1.0	1.4	222	0.5	0.6
Total	1,067	2.5	2.0	40,610	94.2	2.9

\* **Not Indicated** (composed of both individuals of Spanish, Hispanic, Latino Origin and individuals not of Spanish, Hispanic, Latino Origin): Estimated count 1,415; Estimated percent 3.3; Margin of error 1.5.

#### HOUSEHOLD INDICATORS

Number of Individuals per Household	Estimated Count	Estimated Percent	Margin of Error (+/-)
1 person	3,727	22.6	3.3
2 people	5,785	35.0	4.5
3 people	3,077	18.6	3.3
4 people	2,263	13.7	3.9
5 people	986	6.0	2.1
6 people	290	1.8	1.2
7 people	321	1.9	1.2
8 people	74	0.4	0.5
Total	16,524	100.0	

Rent/Own Dwelling	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	443	2.7	2.0
Rent	2,541	15.4	3.8
Own	13,539	81.9	4.1
Total	16,524	100.0	

## INCOME INDICATORS

Household Income	Estimated Count	Estimated Percent	Margin of Error (+/-)	2000 Census
Not Indicated	5,662	34.3	5.6	N/A
Less than \$10,000	1,151	7.0	1.8	3,411
\$10,000 to \$14,999	1,972	11.9	2.5	1,769
\$15,000 to \$24,999	2,403	14.5	3.7	3,246
\$25,000 to \$34,999	1,381	8.4	2.4	2,536
\$35,000 to \$49,999	1,733	10.5	2.9	2,058
\$50,000 to \$74,999	1,192	7.2	2.2	2,110
\$75,000 to \$99,999	532	3.2	1.4	771
\$100,000 to \$149,999	358	2.2	1.5	384
\$150,000 to \$199,999	64	0.4	0.5	79
\$200,000 or more	74	0.4	0.5	90
Total	16,524	100.0		16,454

Household Poverty Level	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	5,662	34.3	5.6
Below 50% poverty level	460	2.8	1.3
50%-100% poverty level	2,528	15.3	3.1
100%-200% poverty level	3,478	21.1	4.3
Above 200% poverty level	4,395	26.6	4.4
Total	16,524	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	930	2.2	1.1	166	0.4	0.5
5-17 years	2,353	5.5	1.6	366	0.8	0.7
18-44 years	3,748	8.7	2.0	599	1.4	0.8
45-64 years	4,614	10.7	2.6	111	0.3	0.2
65+ years	2,638	6.1	1.8	72	0.2	0.2
Total	14,353	33.3	5.5	1,315	3.1	1.7

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	317	0.7	0.6	598	1.4	0.6
5-17 years	2,260	5.2	2.1	2,199	5.1	1.6
18-44 years	2,300	5.3	1.5	3,700	8.6	2.2
45-64 years	1,544	3.6	1.4	1,875	4.4	1.2
65+ years	913	2.1	0.9	1,292	3.0	1.1
Total	7,333	17.0	4.0	9,665	22.4	4.8

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	187	0.4	0.3	2,198	5.1	1.5
5-17 years	1,772	4.1	1.6	8,951	20.8	2.4
18-44 years	3,526	8.2	2.6	13,874	32.2	2.7
45-64 years	3,328	7.7	2.1	11,471	26.6	3.0
65+ years	1,614	3.7	1.3	6,529	15.2	3.0
Total	10,427	24.2	4.9	43,093	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	315	1.9	1.1
Yes	16,209	98.1	1.1
Total	16,524	100.0	

Household Income in Past Month Compared to Household Income Same Month Last Year	Estimated Count	Estimated Percent	Margin of Error (+/-)
Not Indicated	601	3.6	1.8
Same income	7,071	42.8	5.6
More income	3,074	18.6	3.8
Less income	3,344	20.2	3.6
Refused	1,441	8.7	4.7
Don't know	991	6.0	2.5
Total	16,524	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	30,468	72.6	3.1
Home schooled	57	0.1	0.2
Yes, public school or college	9,298	22.2	3.1
Yes, private school or college	1,122	2.7	1.0
Total	41,942	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	894	7.8	4.4	N/A
Nursery or preschool	499	4.3	2.2	668
Kindergarten	583	5.1	2.7	677
Grade 1 to 4	2,531	22.1	4.5	5,445
Grade 5 to 8	2,567	22.4	4.5	
Grade 9 to 12	3,398	29.6	5.7	2,916
College	774	6.7	2.3	1,262
Graduate or professional	229	2.0	1.4	
<b>Total</b>	<b>11,474</b>	<b>100.0</b>		<b>10,968</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	1,425	5.0	2.0	N/A
No school completed	184	0.6	0.5	8,883
Less than high school	4,496	15.8	3.5	
High school graduate/GED	11,987	42.0	3.6	11,227
Some college or associates	6,332	22.2	3.6	4,789
Bachelors degree	2,297	8.1	2.3	1,842
Some or completed graduate/professional	1,451	5.1	1.3	1,213
Refused	46	0.2	0.3	N/A
Don't know	288	1.0	0.7	N/A
<b>Total</b>	<b>28,506</b>	<b>100.0</b>		<b>27,954</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	442	1.0	0.6
Same House	32,993	76.6	4.3
Different House	9,658	22.4	4.3
<b>Total</b>	<b>43,093</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	3,627	37.6	11.3
No	6,031	62.4	11.3
<b>Total</b>	<b>9,658</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	437	4.5	2.9
No	9,221	95.5	2.9
<b>Total</b>	<b>9,658</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	705	7.3	7.3
No	8,953	92.7	7.3
Total	9,658	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	3,950	40.9	13.4
No	5,709	59.1	13.4
Total	9,658	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	870	2.6	1.2	N/A
Employed	12,764	37.7	3.9	15,047
Self-Employed	2,840	8.4	2.1	
Out of Work > 1 Year	775	2.3	0.9	1,334
Out of Work < 1 Year	1,205	3.6	0.8	
Homemaker/Caregiver	2,100	6.2	1.5	
Student	2,151	6.4	1.5	17,124
Retired	6,748	20.0	2.8	
Unable to Work	4,274	12.6	2.4	
Refused	0	0	0	N/A
Don't Know	96	0.3	0.3	N/A
Total	33,825	100.0		33,505

### HEALTH INSURANCE INDICATORS

<b>Health Insurance Coverage</b>	<b>Estimated Count</b>	<b>Estimated Percent</b>	<b>Margin of Error (+/-)</b>
Not Indicated	810	1.9	0.8
Private only	16,965	39.4	5.5
Medicare only	3,777	8.8	1.9
Medicaid only	6,239	14.5	3.2
Uninsured	8,522	19.8	3.6
Other or multiple insurance	6,781	15.7	2.8
Total	43,093	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	586	6.9	5.6
6 months or less	529	6.2	3.3
> 6 months <= 1 year	852	10.0	3.8
> 1 year and <= 3 years	1,362	16.0	4.6
more than 3 years	4,620	54.2	7.5
Refused	108	1.3	1.5
Don't know	463	5.4	3.2
Total	8,522	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	1,085	12.7	5.8
Yes	736	8.6	4.5
No	6,701	78.6	7.8
Total	8,522	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	792	2.3	1.2
Yes, was told has diabetes	4,688	13.9	2.2
Yes, told at pregnancy	75	0.2	0.3
Pre or borderline diabetic	357	1.1	0.7
No diabetes	27,748	82.0	2.6
Refused	0	0	0
Don't know	165	0.5	0.6
Total	33,825	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	252	0.7	0.5
Yes, was told has HBP	12,099	35.8	3.5
Yes, told at pregnancy	232	0.7	0.5
Pre or borderline HBP	300	0.9	0.6
No HBP	20,656	61.1	3.8
Refused	0	0	0
Don't know	286	0.8	0.9
Total	33,825	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	410	1.2	0.7
Yes	3,477	10.3	2.1
No	29,861	88.3	2.2
Refused	0	0	0
Don't know	77	0.2	0.4
Total	33,825	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	448	1.3	0.7
Yes	3,779	11.2	2.2
No	29,390	86.9	2.4
Refused	0	0	0
Don't know	208	0.6	0.5
Total	33,825	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	354	1.0	0.6
Yes	2,278	6.7	1.6
No	31,119	92.0	1.7
Refused	0	0	0
Don't know	73	0.2	0.2
Total	33,825	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	410	1.2	0.7
Yes	1,629	4.8	1.4
No	31,747	93.9	1.7
Refused	0	0	0
Don't know	38	0.1	0.2
Total	33,825	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	989	2.9	1.3
Nowhere	2,348	6.9	2.3
Clinic/health center	7,167	21.2	4.2
Doctors office/HMO	18,395	54.4	6.3
Hospital emergency room	2,546	7.5	2.3
Hospital outpatient clinic	1,401	4.1	1.7
Other place	170	0.5	0.4
More than 1 place	178	0.5	0.6
Refused	0	0	0
Don't know	631	1.9	1.0
<b>Total</b>	<b>33,825</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	1,174	3.5	1.4
Nowhere	2,512	7.4	2.4
Clinic/health center	7,108	21.0	4.0
Doctors office/HMO	18,055	53.4	6.1
Hospital emergency room	2,618	7.7	2.4
Hospital outpatient clinic	1,464	4.3	1.6
Other place	187	0.6	0.4
More than 1 place	178	0.5	0.6
Refused	0	0	0
Don't know	528	1.6	0.9
<b>Total</b>	<b>33,825</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	281	1.7	1.0
Serious mental health condition indicated by score (Score ≥ 13)	1,873	11.3	2.4
Score 0 – 12	14,369	87.0	2.5
<b>Total</b>	<b>16,524</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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