

**American Housing Survey - Selected Elements Related to Healthy Homes
New Orleans, LA in 2011 and 2009**

2009 is only reported if >=5% (relative) and 0.1% (absolute) different from

2011 (otherwise "-" is listed).

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
Total Occupied Units(,000)	460	435	289	292	171	143	8	8	17	24	75	92	158	128
GENERAL														
Owner occupied(,000)	289	292	289	292	.	.	3	4	7	10	34	44	82	72
Renter occupied(,000)	171	143	.	.	171	143	5	5	10	14	41	48	76	56
Owner occupied	62.8%	67.2%	100%	-	.	.	36.6%	43.2%	40.6%	-	44.9%	47.8%	52.0%	56.2%
Renter occupied	37.2%	32.8%	.	.	100%	-	63.4%	56.8%	59.4%	-	55.1%	52.2%	48.0%	43.8%
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Units in Structure														
1, detached	66.0%	70.3%	88.0%	-	28.8%	30.3%	47.4%	50.3%	42.7%	-	51.4%	55.6%	55.8%	-
1, attached	6.0%	5.2%	3.8%	-	9.6%	10.4%	20.9%	7.2%	13.3%	6.6%	6.7%	-	10.4%	-
2 to 4	13.4%	12.2%	2.5%	-	31.9%	-	8.2%	19.9%	25.5%	32.2%	18.3%	-	20.5%	-
5 to 9	2.8%	-	0.6%	-	6.7%	-	15.3%	0.1%	4.1%	-	4.1%	-	4.0%	-
10 to 19	3.5%	-	0.1%	-	9.3%	7.6%	2.0%	6.9%	2.9%	6.0%	1.6%	-	2.6%	-
20 to 49	1.4%	-	0.2%	-	3.5%	5.5%	3.2%	5.1%	1.6%	-	2.9%	-	1.9%	-
50 or more	3.5%	-	0.9%	-	7.9%	5.1%	1.2%	-	0.5%	-	7.7%	3.7%	4.9%	-
Manufactured /mobile home or trailer	3.4%	-	4.0%	-	2.3%	-	1.7%	10.6%	9.4%	5.8%	7.3%	6.3%	<0.1%	-
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Year Structure Built														
Post-2000	10.6%	9.6%	13.8%	11.7%	5.1%	5.4%	1.1%	-	2.4%	-	13.0%	8.6%	12.6%	5.0%
Post-1980	29.0%	30.8%	34.0%	-	20.6%	-	7.8%	23.1%	15.0%	11.9%	32.1%	27.2%	22.0%	16.7%
Pre-1980	71.0%	-	66.0%	-	79.4%	-	92.2%	76.9%	85.0%	-	67.9%	72.8%	78.0%	83.3%
Pre-1960	29.9%	27.3%	26.8%	24.4%	35.0%	-	62.2%	36.3%	45.1%	48.7%	24.1%	30.0%	51.8%	57.2%
Pre-1940	14.1%	11.8%	10.2%	9.3%	20.6%	16.8%	25.4%	13.0%	28.8%	26.5%	9.2%	11.5%	38.0%	35.4%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	331	328	265	270	66	58	6	5	10	12	44	57	104	88
With a basement under all of house	0.2%	-	0.2%	-	0.2%	-	<0.1%	-	0.8%	-	0.4%	-	0.5%	-
With a basement under part of house	0.1%	-	0.1%	-	<0.1%	0.2%	<0.1%	-	0.8%	-	0.4%	-	0.2%	-
With a crawl space	23.9%	20.3%	21.8%	17.6%	32.5%	-	70.2%	24.8%	55.8%	48.6%	24.4%	21.7%	45.9%	40.7%
On a concrete slab	69.1%	73.5%	72.2%	76.6%	56.7%	-	28.4%	61.9%	36.4%	44.6%	64.1%	68.3%	43.0%	47.8%
In some other way	6.7%	5.5%	5.8%	5.0%	10.6%	7.6%	1.4%	13.3%	6.2%	5.6%	10.7%	9.7%	10.4%	8.6%
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.1%	-	2.0%	-	2.5%	-	9.9%	20.7%	10.8%	7.4%	2.9%	-	1.9%	-
Missing roofing material	4.5%	6.5%	4.6%	6.1%	4.4%	8.2%	28.1%	24.6%	10.4%	12.3%	4.0%	7.9%	2.9%	8.0%
Hole in roof	2.7%	-	1.7%	-	6.7%	2.2%	30.1%	16.7%	8.9%	6.2%	3.5%	-	4.7%	-
Missing bricks, siding, other outside wall material	3.1%	-	2.5%	-	5.6%	5.3%	11.6%	18.5%	13.6%	15.7%	3.7%	7.3%	3.9%	5.4%
Sloping outside walls	1.4%	-	1.1%	-	2.7%	-	6.0%	21.0%	12.7%	9.4%	3.3%	-	1.8%	-
Boarded up windows	2.1%	-	2.0%	-	2.7%	-	21.9%	3.0%	4.9%	5.2%	2.4%	-	1.9%	-
Broken windows	4.0%	-	3.6%	-	5.7%	4.8%	4.0%	10.1%	10.0%	21.8%	7.8%	-	5.6%	-
Bars on windows	12.9%	11.0%	11.4%	10.3%	18.8%	14.1%	24.0%	8.8%	27.7%	19.1%	13.8%	14.8%	30.5%	23.5%
Foundation crumbling or has open crack or hole	4.1%	-	4.3%	-	3.2%	-	11.7%	11.1%	14.5%	11.3%	9.5%	3.9%	2.6%	-
None of the above	73.7%	-	74.9%	-	69.1%	-	57.4%	51.8%	43.3%	51.1%	69.3%	65.1%	61.0%	64.7%
None of the above(excluding bars)	83.6%	-	83.9%	-	82.1%	-	60.7%	-	64.2%	58.2%	80.9%	75.3%	82.7%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
	Water Leakage During Last 12 Months													
With leakage from outside structure	8.9%	7.5%	9.0%	6.6%	8.7%	9.3%	19.8%	23.3%	21.1%	28.6%	8.1%	-	12.0%	10.0%
Roof	5.5%	4.8%	6.2%	4.6%	4.4%	5.5%	17.3%	14.3%	16.4%	20.9%	5.9%	5.1%	7.9%	6.3%
Basement leak	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.4%	-	0.1%	-	<0.1%	-
Walls, closed windows, or doors leak	1.9%	-	1.3%	-	3.0%	-	16.8%	11.1%	7.0%	13.4%	1.8%	-	3.6%	-
Other or Unknown exterior Leak	1.8%	-	1.5%	-	2.4%	-	1.7%	-	0.9%	-	0.8%	-	1.3%	-
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INTERIOR														
Damage														
Holes in floors	1.8%	-	1.4%	-	2.5%	-	36.7%	19.4%	12.0%	13.9%	3.5%	-	3.3%	-
Open cracks or holes	5.5%	6.0%	5.0%	-	6.5%	8.3%	42.8%	26.4%	24.2%	31.2%	8.9%	-	7.9%	9.3%
Broken plaster or peeling paint	1.7%	-	1.8%	-	1.6%	-	5.1%	8.9%	11.8%	16.6%	2.4%	-	3.1%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	7.8%	9.0%	6.0%	7.8%	10.8%	11.5%	24.2%	22.9%	14.1%	22.3%	7.4%	8.9%	8.7%	9.9%
Fixtures backed up or overflowed	1.3%	-	1.0%	-	1.8%	-	5.1%	9.1%	4.7%	6.3%	1.5%	-	1.3%	-
Pipes leaked	4.2%	-	3.2%	-	5.8%	5.0%	16.5%	11.4%	7.9%	12.9%	4.0%	-	5.7%	4.4%
Broken water heater	0.4%	-	0.4%	-	0.4%	-	<0.1%	2.3%	0.4%	-	0.4%	-	0.1%	-
Other or Unknown	2.2%	-	1.6%	-	3.3%	-	5.6%	6.5%	4.0%	5.1%	2.8%	-	1.6%	-
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Rodents														
Signs of rats in last 3 mon.	2.4%	-	1.7%	-	3.6%	-	18.4%	7.2%	12.8%	10.0%	3.8%	-	3.7%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
Signs of mice in last 3 mon.	6.3%	5.4%	4.2%	-	9.7%	6.9%	20.8%	13.5%	16.9%	-	5.8%	9.2%	7.1%	8.9%
Signs of rodents, not sure which kind in last 3 mon.	1.9%	-	1.6%	-	2.3%	-	<0.1%	-	1.4%	-	4.6%	-	2.4%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	2.5%	-	<0.1%	-	0.1%	-	<0.1%	-
Exposed wiring	2.0%	-	1.6%	-	2.8%	-	22.6%	1.9%	3.4%	-	4.6%	-	2.1%	-
Rooms without electric outlets	1.5%	-	0.9%	-	2.4%	-	5.6%	6.3%	0.9%	5.3%	0.6%	-	2.1%	-
Fuses/breakers blown in last 3 mon.	9.2%	-	9.8%	-	8.2%	9.3%	25.2%	12.5%	12.7%	18.4%	5.6%	8.1%	8.9%	10.3%
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Sanitation														
Lacking complete kitchen facilities	1.5%	-	0.4%	-	3.3%	-	24.0%	8.2%	28.5%	35.9%	5.6%	4.5%	0.9%	-
Lacking some or all plumbing facilities	1.4%	-	1.0%	-	2.1%	-	76.4%	-	<0.1%	-	4.7%	-	1.3%	-
Water not safe to drink	13.6%	-	13.8%	12.8%	13.4%	16.2%	24.4%	22.5%	11.3%	24.8%	24.1%	19.4%	17.2%	15.0%
Water stoppage in last 3 mon.	2.4%	-	1.9%	-	3.2%	-	16.8%	6.5%	3.2%	7.1%	1.7%	-	4.0%	-
No flush toilets working some time in last 3 mon.	2.5%	-	1.5%	-	4.1%	-	3.8%	8.0%	8.8%	7.3%	2.6%	-	1.7%	-
With sewage disposal breakdowns in last 3 mon.	1.1%	-	1.1%	-	1.3%	-	4.4%	6.2%	3.8%	-	2.5%	-	1.5%	-
Septic tank, cesspool, chemical toilet	4.7%	8.5%	6.4%	10.7%	2.0%	-	7.1%	-	8.6%	10.2%	4.5%	8.5%	0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	82.5%	-	87.3%	-	74.5%	-	39.9%	69.5%	30.1%	46.2%	73.8%	-	74.6%	70.5%

<i>Characteristic</i>	<i>Occupied</i>		<i>Owner Occupied</i>		<i>Rental</i>		<i>Severe Problems</i>		<i>Moderate Problems</i>		<i>Below Poverty</i>		<i>Central City</i>	
	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>	<i>2011</i>	<i>2009</i>
Steam or hot water system	0.3%	-	<0.1%	-	0.9%	-	<0.1%	-	<0.1%	0.6%	2.1%	-	0.9%	-
Electric heat pump	4.3%	6.7%	4.9%	5.7%	3.4%	8.8%	<0.1%	1.7%	3.1%	7.1%	3.3%	6.1%	4.3%	9.0%
Built-in electric units	1.6%	-	0.4%	-	3.6%	-	1.7%	-	1.3%	-	3.5%	-	0.9%	-
Floor, wall, or other built-in hot air without ducts	3.9%	-	2.5%	-	6.4%	-	1.8%	-	3.7%	-	4.7%	5.2%	6.0%	-
Room heaters with flue	0.5%	-	0.4%	-	0.7%	-	0.8%	-	1.7%	-	1.3%	-	1.2%	-
Room heaters without flue	2.1%	-	1.3%	-	3.4%	-	14.6%	7.8%	49.8%	31.8%	0.8%	-	4.9%	-
Portable electric heaters	3.3%	-	2.7%	-	4.3%	-	38.4%	13.4%	9.9%	2.8%	9.3%	5.6%	4.6%	-
Stoves	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	-
Fireplace without inserts	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.4%	0.2%	-	<0.1%	-
Other	1.0%	-	0.2%	-	2.3%	-	2.7%	-	0.4%	-	0.8%	-	2.4%	-
No heating equipment	0.1%	-	0.1%	-	0.1%	-	<0.1%	-	<0.1%	1.9%	<0.1%	0.2%	0.1%	-
Cooking stove	0.1%	-	<0.1%	-	0.3%	-	<0.1%	-	<0.1%	0.8%	0.2%	-	0.2%	-
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Water Heating Fuel														
Electricity	46.7%	49.7%	37.0%	42.6%	63.2%	-	36.3%	54.7%	38.8%	45.0%	55.8%	-	42.5%	-
Gas, LP/bottled gas	53.2%	50.0%	62.9%	57.2%	36.7%	-	63.7%	45.3%	60.7%	54.4%	44.0%	41.7%	57.5%	-
Other	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.6%	-	0.1%	-	0.1%	-
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Clothes Dryer(,000)	394	378	283	285	112	93	5	6	13	16	54	70	130	104
Have Clothes Dryer	85.7%	-	97.7%	-	65.3%	-	53.7%	72.4%	78.9%	65.8%	72.4%	-	82.6%	-
Electricity	60.2%	-	55.2%	-	73.0%	-	43.5%	60.9%	51.8%	61.0%	63.2%	-	53.4%	-
Gas, LP gas (liquid propane)	39.7%	-	44.7%	42.5%	26.9%	23.5%	54.9%	39.1%	48.2%	38.0%	36.5%	-	46.6%	-
Other	0.1%	-	0.1%	-	0.1%	-	1.7%	-	<0.1%	1.0%	0.3%	-	0.1%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	7.0%	6.2%	5.3%	-	10.5%	8.1%	65.5%	34.0%	15.9%	19.6%	12.3%	9.5%	11.6%	9.1%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
Heating equipment breakdowns	1.9%	-	0.9%	-	3.6%	-	24.7%	-	1.6%	-	2.3%	-	2.6%	-
Other causes	4.8%	-	4.2%	-	5.7%	4.2%	37.4%	5.6%	13.0%	14.1%	9.0%	5.1%	8.6%	5.7%
Utility interruption	0.2%	-	0.3%	-	<0.1%	-	<0.1%	-	0.6%	-	<0.1%	0.6%	0.2%	-
Inadequate heating capacity	1.4%	-	1.0%	-	2.0%	-	14.5%	<0.1%	6.4%	5.5%	3.0%	-	2.9%	-
Inadequate insulation	1.9%	-	1.5%	-	2.6%	-	1.2%	5.6%	5.3%	6.2%	1.9%	-	4.5%	-
Cost of heating	0.1%	-	0.2%	-	0.1%	-	<0.1%	-	0.4%	-	0.1%	-	0.2%	-
Other	1.9%	-	2.2%	-	1.5%	-	21.8%	<0.1%	3.9%	-	4.8%	-	2.7%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	8	8	3	4	5	5	8	8	.	.	4	3	4	2
Severe physical problems	1.8%	-	1.1%	-	3.1%	-	100%	-	.	.	4.9%	-	2.3%	-
Plumbing	1.4%	-	1.0%	-	2.1%	-	76.4%	-	.	.	4.7%	-	1.3%	-
Heating	0.4%	-	0.1%	-	1.0%	-	23.6%	19.8%	.	.	0.2%	-	1.0%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	1.4%	-	.	.	<0.1%	0.2%	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	0.2%	<0.1%	-	0.8%	8.2%	.	.	0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	17	24	7	10	10	14	.	.	17	24	4	10	9	13
Moderate physical problems	3.7%	5.5%	2.4%	-	5.9%	9.7%	.	.	100%	-	5.9%	11.1%	5.7%	10.2%
Plumbing	0.2%	-	0.1%	-	0.3%	-	.	.	4.8%	-	0.6%	-	0.1%	-
Heating	1.8%	-	1.3%	-	2.7%	-	.	.	49.8%	31.8%	0.8%	-	4.1%	-
Upkeep	1.0%	-	0.4%	-	2.2%	-	.	.	28.5%	35.9%	3.2%	-	0.8%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-	<0.1%	-
Kitchen	0.7%	-	0.6%	-	1.0%	-	.	.	20.3%	31.0%	1.6%	-	0.7%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009	2011	2009
	OVERALL OPINION OF STRUCTURE													
1(worst)	0.7%	-	0.2%	-	1.6%	-	3.6%	-	1.5%	-	0.8%	-	0.3%	-
2	0.2%	-	0.2%	-	0.1%	-	<0.1%	4.6%	0.6%	-	0.1%	-	0.1%	-
3	1.0%	-	0.8%	-	1.2%	-	28.5%	0.1%	1.3%	-	2.5%	-	1.7%	-
4	0.9%	-	0.2%	-	1.9%	-	<0.1%	1.9%	3.5%	5.0%	2.8%	-	1.7%	-
5	4.7%	5.6%	2.7%	-	8.0%	9.7%	4.4%	16.0%	11.4%	-	6.5%	7.7%	4.9%	6.1%
6	5.7%	4.6%	4.8%	-	7.2%	6.7%	8.0%	12.1%	4.3%	6.7%	3.6%	5.3%	5.8%	5.2%
7	11.8%	-	9.9%	-	15.0%	15.8%	6.4%	9.1%	9.6%	10.9%	12.5%	11.2%	13.3%	-
8	24.2%	-	24.5%	-	23.5%	24.7%	13.8%	31.1%	14.9%	18.8%	20.7%	23.9%	23.0%	-
9	15.0%	14.0%	16.8%	15.4%	12.0%	11.1%	5.1%	7.4%	9.1%	14.3%	14.7%	9.8%	15.6%	14.5%
10(best)	35.9%	-	39.7%	41.7%	29.4%	25.7%	30.2%	13.4%	43.8%	25.9%	35.7%	-	33.5%	-

See <http://nchh.org/Training/HealthyHomesTrainingCenter/AHSData.aspx> for more info.