

**American Housing Survey - Selected Elements Related to Healthy Homes
Atlanta, GA in 2011 and 2004**

2004 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	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Total Occupied Units(,000)	1,891	1,596	1,198	1,134	693	462	26	16	51	46	274	172	238	164
GENERAL														
Owner occupied(,000)	1,198	1,134	1,198	1,134	.	.	8	6	21	16	106	74	99	81
Renter occupied(,000)	693	462	.	.	693	462	18	11	30	30	168	98	139	82
Owner occupied	63.3%	71.0%	100%	-	.	.	31.5%	34.4%	41.3%	34.2%	38.6%	42.9%	41.5%	49.8%
Renter occupied	36.7%	29.0%	.	.	100%	-	68.5%	-	58.7%	65.8%	61.4%	57.1%	58.5%	50.2%
Units in Structure														
1, detached	69.3%	-	90.0%	-	33.3%	22.6%	36.8%	49.3%	43.3%	36.8%	54.1%	50.8%	44.6%	53.8%
1, attached	5.5%	6.0%	4.2%	-	7.9%	11.6%	9.9%	7.8%	1.8%	-	3.6%	6.7%	5.7%	10.2%
2 to 4	4.2%	-	0.3%	-	11.0%	-	6.0%	5.1%	6.6%	8.5%	6.5%	8.7%	7.3%	5.8%
5 to 9	5.9%	5.4%	0.8%	-	14.7%	17.1%	13.6%	12.2%	7.4%	15.7%	9.4%	12.4%	7.6%	8.5%
10 to 19	6.7%	-	0.4%	-	17.5%	20.9%	10.7%	-	19.9%	-	11.6%	9.2%	12.1%	10.0%
20 to 49	2.4%	-	0.1%	-	6.4%	9.1%	10.8%	10.2%	5.8%	7.1%	4.3%	-	4.8%	-
50 or more	2.9%	-	0.9%	-	6.4%	4.5%	3.0%	5.1%	4.3%	-	3.4%	-	17.0%	7.3%
Manufactured /mobile home or trailer	3.2%	-	3.4%	-	2.9%	-	9.3%	0.1%	10.8%	5.6%	7.0%	5.5%	1.0%	-
Year Structure Built														
Post-2000	22.6%	15.1%	26.6%	17.2%	15.6%	10.1%	8.1%	2.7%	6.8%	10.9%	13.5%	8.4%	21.0%	6.1%
Post-1980	62.4%	-	66.9%	-	54.5%	51.0%	42.9%	37.3%	47.4%	-	47.6%	43.6%	38.3%	25.6%
Pre-1980	37.6%	-	33.1%	-	45.5%	49.0%	57.1%	62.7%	52.6%	-	52.4%	56.4%	61.7%	74.4%
Pre-1960	11.7%	-	10.2%	11.6%	14.2%	10.6%	9.4%	22.2%	19.6%	15.9%	16.3%	-	38.0%	43.6%
Pre-1940	2.3%	-	1.6%	-	3.5%	-	<0.1%	5.0%	5.1%	3.6%	3.5%	-	10.0%	15.4%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	1,414	1,229	1,128	1,071	285	158	12	9	23	19	158	99	120	105
With a basement under all of house	25.9%	27.7%	29.1%	-	13.3%	16.0%	6.3%	21.0%	22.1%	11.0%	16.3%	25.9%	22.1%	30.1%
With a basement under part of house	12.4%	-	12.8%	-	10.5%	6.9%	9.3%	13.4%	12.0%	11.3%	7.2%	11.0%	16.0%	13.4%
With a crawl space	25.7%	-	23.9%	26.9%	32.7%	26.2%	41.6%	44.0%	39.0%	30.0%	36.8%	28.3%	44.2%	31.4%
On a concrete slab	34.7%	31.9%	33.6%	29.7%	39.1%	46.7%	42.8%	21.7%	26.9%	43.4%	37.7%	33.9%	15.7%	24.7%
In some other way	1.4%	-	0.6%	-	4.5%	-	<0.1%	-	<0.1%	4.3%	2.0%	-	2.0%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.1%	-	1.7%	-	3.9%	-	7.7%	-	10.1%	21.7%	2.3%	-	3.1%	-
Missing roofing material	2.6%	-	2.5%	-	3.1%	-	2.5%	8.9%	12.1%	14.0%	5.9%	2.8%	4.1%	-
Hole in roof	1.2%	-	1.2%	-	1.3%	-	<0.1%	8.9%	16.6%	17.9%	1.5%	-	2.2%	-
Missing bricks, siding, other outside wall material	2.7%	-	2.6%	-	3.1%	-	10.0%	13.0%	18.1%	12.3%	3.1%	-	1.5%	-
Sloping outside walls	1.3%	-	1.3%	-	1.6%	-	7.0%	4.2%	12.4%	13.9%	1.1%	-	1.3%	-
Boarded up windows	0.8%	-	0.7%	-	1.3%	-	<0.1%	8.7%	8.4%	7.5%	1.5%	-	1.9%	-
Broken windows	4.4%	-	3.8%	-	6.6%	4.0%	22.6%	8.7%	11.9%	6.2%	9.8%	4.1%	2.4%	-
Bars on windows	3.0%	-	3.0%	-	3.1%	-	2.5%	8.9%	11.8%	2.0%	5.2%	3.2%	18.8%	9.0%
Foundation crumbling or has open crack or hole	4.6%	-	4.5%	-	5.2%	1.4%	2.2%	22.7%	7.5%	3.9%	5.2%	1.8%	2.3%	-
None of the above	82.1%	90.6%	83.3%	91.4%	77.5%	85.8%	57.7%	52.2%	54.4%	66.1%	76.3%	86.3%	68.5%	84.5%
None of the above(excluding bars)	84.5%	92.0%	85.7%	92.8%	79.8%	86.9%	60.1%	-	56.5%	68.1%	80.5%	89.0%	85.0%	93.1%

<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>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	9.7%	7.9%	10.4%	8.2%	8.5%	7.1%	28.7%	26.7%	29.5%	-	9.8%	6.3%	8.2%	6.9%
Roof	4.8%	-	5.4%	5.0%	3.8%	-	17.9%	20.8%	10.2%	19.0%	4.6%	-	3.2%	-
Basement leak	1.3%	-	1.9%	-	0.4%	-	<0.1%	3.3%	1.8%	-	0.8%	-	1.4%	-
Walls, closed windows, or doors leak	2.5%	-	2.3%	-	2.9%	-	9.1%	-	13.3%	-	3.5%	-	2.5%	-
Other or Unknown exterior Leak	1.5%	-	1.3%	-	1.9%	-	3.0%	6.4%	5.0%	7.1%	1.3%	-	0.9%	-
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INTERIOR														
Damage														
Holes in floors	1.3%	-	0.6%	-	2.5%	-	7.3%	14.4%	15.4%	14.3%	3.7%	-	3.1%	-
Open cracks or holes	4.8%	-	2.9%	-	8.1%	6.6%	25.0%	27.3%	27.5%	-	8.7%	7.6%	6.6%	4.8%
Broken plaster or peeling paint	1.6%	-	1.1%	-	2.3%	-	5.6%	14.8%	20.1%	17.7%	1.8%	-	3.1%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	10.6%	7.2%	8.2%	6.2%	14.6%	9.7%	32.3%	34.4%	30.7%	-	14.7%	8.4%	11.9%	7.1%
Fixtures backed up or overflowed	1.8%	-	1.4%	-	2.6%	-	6.5%	15.4%	3.9%	8.0%	2.0%	-	1.6%	-
Pipes leaked	4.5%	-	3.2%	-	6.7%	4.7%	10.6%	20.9%	20.4%	12.9%	6.2%	4.5%	4.9%	-
Broken water heater	1.4%	-	1.8%	-	0.8%	-	4.5%	-	7.8%	9.1%	2.8%	-	0.9%	-
Other or Unknown	3.1%	-	2.0%	-	5.0%	2.7%	18.6%	13.2%	4.0%	7.9%	5.3%	2.7%	4.9%	-
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Rodents														
Signs of rats in last 3 mon.	1.5%	-	1.7%	-	1.2%	-	1.5%	9.9%	0.8%	5.5%	1.0%	-	0.9%	-

<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>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Signs of mice in last 3 mon.	3.4%	-	4.1%	-	2.3%	-	1.8%	5.4%	6.1%	3.8%	2.7%	-	1.2%	-
Signs of rodents, not sure which kind in last 3 mon.	1.2%	-	0.8%	-	1.8%	-	<0.1%	-	<0.1%	2.0%	1.0%	-	0.6%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.1%	-	0.2%	-
Exposed wiring	1.6%	-	1.1%	-	2.3%	-	2.9%	-	2.5%	-	2.8%	-	1.3%	-
Rooms without electric outlets	0.6%	-	0.2%	-	1.2%	-	2.8%	10.0%	3.6%	5.4%	1.0%	-	1.1%	-
Fuses/breakers blown in last 3 mon.	9.9%	8.5%	10.5%	9.1%	8.9%	7.1%	11.7%	17.8%	11.1%	9.6%	10.1%	7.1%	8.8%	8.3%
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Sanitation														
Lacking complete kitchen facilities	1.3%	-	0.6%	-	2.4%	-	9.9%	4.9%	42.0%	-	2.3%	-	0.2%	-
Lacking some or all plumbing facilities	0.7%	-	0.2%	-	1.5%	-	49.7%	52.4%	<0.1%	-	2.4%	-	0.8%	-
Water not safe to drink	8.0%	6.2%	4.8%	-	13.6%	10.0%	17.9%	12.7%	14.1%	24.3%	12.7%	10.1%	11.0%	8.3%
Water stoppage in last 3 mon.	4.5%	-	3.1%	-	6.8%	5.9%	9.2%	4.9%	16.1%	14.3%	7.7%	5.1%	5.2%	2.7%
No flush toilets working some time in last 3 mon.	1.9%	-	0.9%	-	3.5%	-	7.3%	12.9%	12.0%	16.7%	3.5%	-	2.2%	-
With sewage disposal breakdowns in last 3 mon.	0.7%	-	0.6%	-	0.9%	-	1.5%	-	1.4%	-	0.9%	-	1.3%	-
Septic tank, cesspool, chemical toilet	21.4%	-	29.7%	27.2%	7.0%	5.8%	14.0%	9.2%	19.6%	14.5%	13.6%	-	1.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	-	0.3%	-	<0.1%	-	<0.1%	2.2%	1.4%	-	<0.1%	0.2%	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	84.9%	-	85.1%	-	84.5%	-	82.6%	-	68.9%	-	82.1%	-	89.3%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Steam or hot water system	0.2%	-	0.1%	-	0.5%	-	<0.1%	-	2.9%	-	<0.1%	0.2%	0.7%	-
Electric heat pump	10.4%	11.3%	11.2%	-	9.1%	12.2%	9.7%	5.2%	4.6%	9.5%	10.3%	-	6.0%	3.6%
Built-in electric units	0.5%	-	0.3%	-	0.7%	-	<0.1%	-	<0.1%	0.9%	1.2%	-	0.2%	-
Floor, wall, or other built-in hot air without ducts	2.0%	-	2.0%	-	2.0%	-	4.1%	-	<0.1%	3.8%	2.5%	-	1.6%	-
Room heaters with flue	0.3%	-	0.2%	-	0.6%	-	<0.1%	-	1.5%	-	0.5%	-	0.3%	-
Room heaters without flue	0.5%	-	0.5%	-	0.6%	-	<0.1%	2.1%	19.1%	11.7%	1.6%	-	0.2%	-
Portable electric heaters	0.9%	-	0.5%	-	1.6%	-	3.6%	-	2.9%	-	1.5%	-	1.3%	-
Stoves	0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	-
Fireplace with inserts	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.3%	-	<0.1%	-
Fireplace without inserts	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Cooking stove	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Water Heating Fuel														
Electricity	43.4%	-	36.5%	-	55.2%	-	56.4%	47.5%	61.7%	49.2%	51.5%	47.0%	44.5%	26.1%
Gas, LP/bottled gas	56.5%	-	63.3%	-	44.8%	-	43.6%	52.5%	38.3%	50.8%	48.5%	52.8%	54.8%	73.9%
Other	0.1%	-	0.1%	-	<0.1%	0.4%	<0.1%	-	<0.1%	-	<0.1%	0.2%	0.7%	-
Clothes Dryer(,000)	1,661	1,398	1,176	1,103	485	295	15	11	37	31	205	122	168	109
Have Clothes Dryer	87.9%	-	98.2%	-	70.0%	63.8%	56.0%	68.0%	72.1%	66.6%	74.9%	70.6%	70.4%	66.5%
Electricity	90.9%	-	88.4%	-	96.7%	-	100%	92.8%	85.8%	94.7%	89.8%	-	88.3%	-
Gas, LP gas (liquid propane)	9.0%	9.9%	11.6%	-	2.8%	-	<0.1%	7.2%	14.2%	5.3%	9.9%	7.1%	11.7%	9.4%
Heating Problems														
Uncomfortably cold for 24 hours or more last winter	10.4%	5.1%	8.8%	4.0%	14.2%	8.3%	68.7%	58.9%	28.9%	20.1%	15.0%	7.2%	15.2%	5.3%
Heating equipment breakdowns	3.4%	-	2.7%	-	4.6%	-	50.3%	47.8%	1.2%	-	5.4%	1.4%	3.5%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	Other causes	6.1%	2.9%	6.0%	2.3%	6.3%	4.4%	12.4%	17.1%	23.8%	12.5%	8.1%	4.7%	9.1%
Utility interruption	1.5%	-	1.6%	-	1.4%	-	2.2%	8.0%	6.0%	2.1%	1.9%	-	2.4%	-
Inadequate heating capacity	1.0%	-	0.8%	-	1.4%	-	5.6%	10.7%	5.7%	1.9%	1.3%	-	1.1%	-
Inadequate insulation	1.2%	-	1.1%	-	1.4%	-	2.3%	5.9%	11.0%	4.8%	1.9%	-	0.5%	-
Cost of heating	1.3%	-	1.4%	-	1.3%	-	1.5%	-	7.4%	4.7%	1.9%	-	0.9%	-
Other	1.6%	-	1.3%	-	2.1%	-	3.0%	-	5.6%	3.1%	2.3%	-	4.5%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	26	16	8	6	18	11	26	16	.	.	9	4	3	3
Severe physical problems	1.4%	-	0.7%	-	2.6%	-	100%	-	.	.	3.4%	-	1.1%	-
Plumbing	0.7%	-	0.2%	-	1.5%	-	49.7%	52.4%	.	.	2.4%	-	0.8%	-
Heating	0.7%	-	0.4%	-	1.1%	-	50.3%	38.1%	.	.	0.9%	-	0.3%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	0.3%	<0.1%	12.1%	.	.	<0.1%	0.9%	<0.1%	0.2%
Moderate Physical Problems(,000)	51	46	21	16	30	30	.	.	51	46	16	9	6	6
Moderate physical problems	2.7%	-	1.8%	-	4.3%	6.5%	.	.	100%	-	5.7%	5.1%	2.6%	-
Plumbing	0.3%	-	0.4%	-	0.2%	-	.	.	11.3%	-	0.5%	-	0.2%	-
Heating	0.5%	-	0.5%	-	0.6%	-	.	.	19.1%	11.7%	1.6%	-	0.2%	-
Upkeep	1.1%	-	0.6%	-	2.1%	-	.	.	42.0%	-	1.5%	-	<0.1%	1.8%
Hallways	<0.1%	0.3%	<0.1%	-	<0.1%	1.0%	.	.	<0.1%	9.7%	<0.1%	0.5%	<0.1%	0.3%
Kitchen	0.9%	-	0.3%	-	1.8%	-	.	.	32.0%	29.3%	2.7%	-	2.4%	-

OVERALL OPINION OF STRUCTURE

<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>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
	1(worst)	0.5%	-	<0.1%	0.3%	1.5%	-	5.4%	2.5%	0.7%	-	1.8%	-	1.0%
2	0.2%	-	0.1%	-	0.4%	-	<0.1%	-	1.3%	-	0.4%	-	0.3%	-
3	0.8%	-	0.3%	-	1.6%	-	7.6%	2.6%	10.1%	1.8%	1.5%	-	1.6%	-
4	0.6%	-	0.1%	-	1.4%	-	10.3%	13.1%	3.8%	-	0.3%	-	0.5%	-
5	5.4%	4.2%	3.7%	-	8.4%	-	9.6%	-	18.2%	13.2%	6.5%	9.1%	4.8%	5.6%
6	5.0%	-	3.7%	-	7.2%	-	11.9%	2.6%	10.2%	9.3%	7.0%	4.5%	5.8%	-
7	14.6%	12.4%	12.1%	10.3%	19.0%	17.7%	17.9%	20.1%	13.5%	19.7%	10.9%	12.5%	17.2%	10.9%
8	26.9%	-	25.6%	27.9%	29.0%	23.1%	12.1%	23.0%	14.9%	24.3%	24.0%	18.0%	26.6%	17.7%
9	15.3%	18.8%	18.0%	20.2%	10.6%	15.4%	11.8%	3.0%	10.5%	9.3%	14.5%	12.7%	12.7%	17.6%
10(best)	30.6%	-	36.3%	-	20.9%	23.6%	13.4%	23.3%	16.7%	15.0%	33.2%	40.0%	29.5%	39.0%

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