

**American Housing Survey - Selected Elements Related to Healthy Homes  
National Data 2009**

<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>
Total Occupied Units(,000)	111,806	76,428	35,378	1,864	3,893	15,714	32,433
<b>GENERAL</b>							
Owner occupied(,000)	76,428	76,428	.	870	1,625	6,389	17,224
Renter occupied(,000)	35,378	.	35,378	994	2,269	9,326	15,209
Owner occupied	68.4%	100%	<0.1%	46.7%	41.7%	40.7%	53.1%
Renter occupied	31.6%	<0.1%	100%	53.3%	58.3%	59.3%	46.9%
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<b>Units in Structure</b>							
1, detached	65.4%	82.9%	27.6%	48.2%	42.6%	44.1%	51.4%
1, attached	5.3%	5.2%	5.7%	5.2%	2.2%	5.4%	7.1%
2 to 4	7.4%	1.8%	19.6%	12.2%	18.0%	13.6%	12.0%
5 to 9	4.7%	0.8%	13.0%	7.0%	8.2%	8.7%	7.5%
10 to 19	4.2%	0.6%	11.9%	5.6%	9.6%	6.6%	6.3%
20 to 49	3.2%	0.7%	8.8%	7.1%	5.7%	5.5%	6.1%
50 or more	3.7%	1.0%	9.4%	7.8%	6.4%	6.7%	8.5%
Manufactured /mobile home or trailer	6.1%	7.1%	4.0%	6.9%	7.3%	9.5%	1.1%
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<b>Year Structure Built</b>							
Post-2000	12.5%	14.4%	8.5%	3.9%	4.2%	7.7%	10.0%
Post-1980	37.4%	40.9%	29.9%	18.2%	22.3%	28.2%	26.8%
Pre-1980	62.6%	59.1%	70.1%	81.8%	77.7%	71.8%	73.2%
Pre-1960	31.7%	30.2%	34.8%	47.9%	46.4%	36.0%	43.6%
Pre-1940	15.1%	13.2%	19.1%	26.7%	25.8%	17.9%	22.7%

Foundation (for 1-unit not manufactured)

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1-Unit not manufactured(,000)	79,052	67,276	11,776	993	1,743	7,768	18,978
With a basement under all of house	33.8%	35.4%	24.6%	36.3%	22.2%	26.6%	32.9%
With a basement under part of house	10.4%	10.9%	7.3%	7.1%	7.4%	8.3%	8.1%
With a crawl space	22.8%	22.0%	27.5%	30.8%	42.7%	26.1%	20.9%
On a concrete slab	31.5%	30.4%	38.1%	23.6%	22.5%	36.2%	36.7%
In some other way	1.5%	1.3%	2.5%	2.2%	5.3%	2.8%	1.4%
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<b>EXTERIOR</b>							
External Building Conditions(non multiunit)							
Sagging roof	2.3%	1.9%	4.0%	9.2%	11.3%	5.2%	2.5%
Missing roofing material	5.6%	5.2%	7.5%	14.0%	14.7%	8.5%	6.2%
Hole in roof	1.7%	1.5%	3.4%	8.2%	11.9%	4.2%	1.9%
Missing bricks, siding, other outside wall material	2.8%	2.3%	5.2%	6.8%	14.2%	6.1%	3.0%
Sloping outside walls	1.4%	1.1%	3.0%	7.3%	7.0%	3.2%	1.6%
Boarded up windows	1.0%	0.8%	2.0%	3.4%	4.6%	2.7%	1.1%
Broken windows	3.6%	3.0%	6.8%	9.4%	12.6%	7.1%	4.2%
Bars on windows	4.0%	3.7%	5.5%	7.2%	8.1%	6.8%	10.2%
Foundation crumbling or has open crack or hole	2.7%	2.4%	4.2%	6.7%	12.0%	4.2%	3.6%
None of the above	81.2%	82.6%	73.7%	62.9%	53.8%	69.5%	74.6%
None of the above(excluding bars)	84.1%	85.3%	77.4%	67.1%	58.5%	74.3%	82.0%
Water Leakage During Last 12 Months							
With leakage from outside structure	9.9%	10.4%	8.9%	18.0%	28.7%	10.5%	10.3%
Roof	5.4%	5.7%	4.7%	11.4%	21.3%	6.0%	5.3%

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Basement leak	2.7%	3.3%	1.6%	3.1%	5.5%	2.0%	2.8%
Walls, closed windows, or doors leak	1.9%	1.7%	2.4%	5.7%	7.2%	2.6%	2.5%
Other or Unknown exterior Leak	1.1%	1.0%	1.2%	2.5%	4.0%	1.2%	1.2%
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<b>INTERIOR</b>							
<b>Damage</b>							
Holes in floors	1.0%	0.8%	1.6%	7.3%	10.0%	2.2%	1.2%
Open cracks or holes	4.9%	4.1%	6.8%	16.1%	31.3%	8.3%	6.3%
Broken plaster or peeling paint	2.1%	1.6%	3.2%	10.0%	19.3%	3.9%	3.1%
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<b>Water Leakage During Last 12 Months</b>							
With leakage from inside structure	8.1%	6.8%	11.0%	16.3%	26.3%	9.6%	9.8%
Fixtures backed up or overflowed	2.0%	1.6%	2.9%	4.0%	8.9%	2.5%	2.6%
Pipes leaked	3.6%	2.9%	5.0%	9.4%	14.6%	4.3%	4.1%
Broken water heater	1.0%	1.0%	1.0%	1.6%	3.8%	1.0%	1.0%
Other or Unknown	2.2%	1.7%	3.3%	5.1%	6.4%	2.8%	3.0%
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<b>Rodents</b>							
Signs of rats in last 3 mon.	0.6%	0.5%	0.8%	3.1%	3.5%	1.0%	0.9%
Signs of mice in last 3 mon.	5.5%	5.2%	6.1%	13.1%	12.1%	7.3%	5.2%
Signs of rodents, not sure which kind in last 3 mon.	0.3%	0.2%	0.6%	1.5%	1.4%	0.7%	0.5%
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<b>Electrical</b>							

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No electrical wiring	0.1%	0.1%	0.1%	3.0%	<0.1%	0.1%	<0.1%
Exposed wiring	0.3%	0.3%	0.4%	2.7%	0.8%	0.5%	0.4%
Rooms without electric outlets	1.2%	0.9%	1.8%	7.1%	2.7%	2.1%	1.5%
Fuses/breakers blown in last 3 mon.	8.8%	8.9%	8.8%	14.5%	15.5%	8.0%	9.1%
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Sanitation							
Lacking complete kitchen facilities	1.6%	0.5%	3.9%	6.6%	41.8%	2.9%	2.9%
Lacking some or all plumbing facilities	1.1%	0.8%	1.9%	66.1%	0.1%	1.9%	1.7%
Water not safe to drink	7.6%	6.0%	11.1%	12.4%	14.2%	11.4%	9.0%
Water stoppage in last 3 mon.	3.3%	2.7%	4.6%	6.2%	8.8%	3.9%	3.4%
No flush toilets working some time in last 3 mon.	1.9%	1.2%	3.5%	4.6%	9.4%	3.7%	2.5%
With sewage disposal breakdowns in last 3 mon.	1.3%	1.1%	1.6%	3.3%	3.0%	1.9%	1.6%
Septic tank, cesspool, chemical toilet	20.2%	25.9%	7.7%	14.8%	15.7%	14.7%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	0.3%	0.2%	0.7%	0.4%	0.2%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	63.6%	67.6%	55.0%	48.9%	39.0%	57.0%	62.8%
Steam or hot water system	11.2%	9.8%	14.2%	21.1%	12.9%	11.4%	15.5%
Electric heat pump	11.9%	12.8%	9.9%	6.5%	4.9%	9.6%	8.6%
Built-in electric units	4.3%	2.8%	7.5%	6.0%	4.8%	5.7%	3.7%
Floor, wall, or other built-in hot air without ducts	4.3%	2.7%	7.8%	5.5%	5.4%	7.2%	5.7%
Room heaters with flue	0.8%	0.8%	1.0%	0.8%	1.1%	1.6%	0.5%

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Room heaters without flue	1.0%	0.9%	1.2%	1.9%	27.5%	2.2%	0.7%
Portable electric heaters	1.0%	0.7%	1.8%	3.1%	2.1%	2.7%	1.3%
Stoves	0.9%	1.1%	0.5%	4.2%	1.2%	1.3%	0.1%
Fireplace with inserts	0.2%	0.2%	<0.1%	0.1%	0.1%	<0.1%	<0.1%
Fireplace without inserts	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other	0.3%	0.3%	0.4%	0.8%	0.4%	0.7%	0.3%
No heating equipment	0.3%	0.3%	0.5%	0.8%	0.5%	0.5%	0.6%
Cooking stove	0.1%	<0.1%	0.1%	0.2%	0.1%	0.2%	0.1%
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<b>Water Heating Fuel</b>							
Electricity	40.7%	38.4%	45.6%	31.9%	40.1%	47.4%	31.0%
Gas, LP/bottled gas	54.8%	57.1%	49.7%	57.5%	54.7%	48.8%	64.0%
Fuel oil	4.2%	4.0%	4.5%	9.9%	4.8%	3.7%	4.8%
Kerosene or other liquid fuel	<0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Other	0.3%	0.4%	0.2%	0.6%	0.3%	0.1%	0.2%
Clothes Dryer,(,000)	90,905	72,562	18,343	1,048	2,245	9,428	21,757
Have Clothes Dryer	81.3%	94.9%	51.8%	56.2%	57.7%	60.0%	67.1%
Electricity	77.5%	75.9%	84.2%	76.5%	82.2%	82.6%	73.5%
Gas, LP gas (liquid propane)	22.4%	24.1%	15.7%	23.5%	17.8%	17.4%	26.4%
Other	<0.1%	<0.1%	0.1%	<0.1%	<0.1%	0.1%	0.1%
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<b>Heating Problems</b>							
Uncomfortably cold for 24 hours or more last winter	9.2%	8.2%	11.8%	40.2%	20.7%	13.2%	9.9%
Heating equipment breakdowns	2.4%	2.1%	3.2%	31.6%	4.9%	3.6%	3.0%
Other causes	6.4%	6.0%	7.3%	10.9%	14.5%	8.5%	6.3%
Utility interruption	2.5%	2.9%	1.5%	2.4%	2.4%	2.0%	1.4%
Inadequate heating capacity	1.0%	0.5%	2.0%	2.4%	4.1%	2.4%	1.5%
Inadequate insulation	0.9%	0.5%	1.6%	2.7%	4.6%	1.7%	1.2%

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Cost of heating	1.1%	1.1%	1.3%	1.7%	2.8%	1.7%	1.3%
Other	1.6%	1.4%	2.0%	3.4%	4.4%	2.1%	1.7%

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SELECTED PHYSICAL  
PROBLEMS

Severe Physical Problems(,000)	1,864	870	994	1,864	.	490	825
Severe physical problems	1.7%	1.1%	2.8%	100%	.	3.1%	2.5%
Plumbing	1.1%	0.8%	1.9%	66.1%	.	1.9%	1.7%
Heating	0.5%	0.3%	0.8%	29.2%	.	1.1%	0.8%
Electric	0.1%	0.1%	<0.1%	3.8%	.	0.1%	<0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	0.1%	<0.1%	0.1%	4.0%	.	0.2%	0.1%
Moderate Physical Problems(,000)	3,893	1,625	2,269	.	3,893	1,066	1,580
Moderate physical problems	3.5%	2.1%	6.4%	.	100%	6.8%	4.9%
Plumbing	0.1%	0.1%	0.3%	.	4.2%	0.4%	0.2%
Heating	1.0%	0.9%	1.1%	.	27.5%	2.1%	0.7%
Upkeep	1.5%	0.4%	3.7%	.	41.8%	2.6%	2.7%
Hallways	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%	<0.1%
Kitchen	1.1%	0.8%	1.6%	.	30.2%	2.2%	1.5%

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OVERALL OPINION OF  
STRUCTURE

1(worst)	0.5%	0.3%	1.0%	2.9%	2.1%	1.6%	0.8%
2	0.3%	0.2%	0.6%	1.5%	1.0%	0.7%	0.4%
3	0.6%	0.2%	1.3%	2.0%	3.3%	1.5%	0.7%
4	1.1%	0.6%	2.1%	5.1%	3.4%	2.1%	1.2%
5	4.9%	3.2%	8.5%	8.3%	12.4%	9.2%	6.2%
6	4.8%	3.6%	7.5%	8.5%	9.4%	6.4%	5.7%

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7	14.0%	12.1%	18.0%	17.5%	17.0%	13.9%	16.3%
8	28.5%	28.6%	28.2%	24.1%	22.0%	24.5%	28.8%
9	16.6%	18.5%	12.4%	11.7%	11.3%	11.5%	16.0%
10(best)	28.7%	32.6%	20.4%	18.4%	18.1%	28.6%	23.8%

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