

**American Housing Survey - Selected Elements Related to Healthy Homes  
National Data 2007**

<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)	110,692	75,647	35,045	1,806	3,965	14,159	31,451
<b>GENERAL</b>							
Owner occupied(,000)	75,647	75,647	.	729	1,565	5,568	16,315
Renter occupied(,000)	35,045	.	35,045	1,077	2,401	8,591	15,136
Owner occupied	68.3%	100%	<0.1%	40.4%	39.5%	39.3%	51.9%
Renter occupied	31.7%	<0.1%	100%	59.6%	60.5%	60.7%	48.1%
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<b>Units in Structure</b>							
1, detached	64.5%	82.6%	25.5%	43.4%	45.3%	41.2%	49.4%
1, attached	5.5%	5.3%	5.8%	5.7%	3.0%	5.4%	7.3%
2 to 4	7.9%	1.9%	21.0%	13.2%	15.9%	14.4%	13.5%
5 to 9	4.6%	0.8%	13.0%	7.6%	9.7%	9.4%	7.5%
10 to 19	4.2%	0.6%	12.1%	8.7%	7.4%	6.1%	6.3%
20 to 49	3.3%	0.7%	9.1%	7.7%	7.4%	6.4%	6.3%
50 or more	3.6%	1.0%	9.3%	7.5%	5.8%	7.0%	8.3%
Manufactured /mobile home or trailer	6.3%	7.2%	4.3%	6.2%	5.4%	10.1%	1.3%
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<b>Year Structure Built</b>							
Post-2000	10.6%	12.3%	6.8%	3.9%	3.8%	6.1%	5.6%
Post-1980	36.0%	39.6%	28.3%	19.0%	20.0%	26.6%	23.0%
Pre-1980	64.0%	60.4%	71.7%	81.0%	80.0%	73.4%	77.0%
Pre-1960	32.1%	30.5%	35.6%	48.9%	49.2%	37.3%	45.5%
Pre-1940	15.6%	13.6%	19.9%	27.8%	28.1%	19.4%	24.6%

Foundation (for 1-unit not  
manufactured)

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1-Unit not manufactured(,000)	77,517	66,554	10,963	887	1,916	6,602	17,830
With a basement under all of house	33.1%	34.6%	24.1%	31.3%	15.8%	26.9%	32.8%
With a basement under part of house	10.7%	11.3%	7.1%	10.7%	10.4%	8.1%	8.1%
With a crawl space	23.3%	22.5%	28.8%	30.9%	48.5%	29.7%	22.0%
On a concrete slab	31.5%	30.4%	38.1%	24.2%	20.6%	32.7%	35.9%
In some other way	1.4%	1.3%	2.0%	3.0%	4.7%	2.7%	1.2%
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<b>EXTERIOR</b>							
External Building Conditions(non multiunit)							
Sagging roof	2.3%	1.9%	4.5%	8.4%	14.2%	5.1%	2.7%
Missing roofing material	4.7%	4.4%	6.4%	11.3%	15.9%	7.7%	5.1%
Hole in roof	1.6%	1.3%	3.4%	10.9%	12.5%	3.4%	2.1%
Missing bricks, siding, other outside wall material	2.6%	2.1%	5.2%	12.9%	13.3%	5.6%	3.0%
Sloping outside walls	1.4%	1.1%	3.6%	8.5%	9.0%	3.1%	1.7%
Boarded up windows	1.0%	0.8%	2.2%	5.6%	5.7%	3.1%	1.5%
Broken windows	3.6%	2.9%	7.5%	15.5%	15.4%	7.8%	4.3%
Bars on windows	3.7%	3.4%	5.0%	6.4%	9.1%	6.5%	10.2%
Foundation crumbling or has open crack or hole	2.6%	2.2%	4.9%	8.7%	12.8%	4.3%	3.4%
None of the above	82.5%	84.0%	74.1%	61.9%	53.3%	72.0%	75.0%
None of the above(excluding bars)	85.3%	86.7%	77.4%	66.6%	57.2%	76.4%	82.8%
Water Leakage During Last 12 Months							
With leakage from outside structure	10.4%	10.9%	9.2%	19.0%	28.1%	9.8%	10.8%
Roof	5.0%	5.1%	4.6%	11.8%	19.2%	5.4%	5.1%

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Basement leak	3.8%	4.6%	1.9%	4.4%	7.3%	2.3%	3.6%
Walls, closed windows, or doors leak	1.8%	1.5%	2.5%	6.2%	7.4%	2.2%	2.2%
Other or Unknown exterior Leak	1.1%	1.1%	1.3%	1.9%	3.3%	1.1%	1.4%
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<b>INTERIOR</b>							
<b>Damage</b>							
Holes in floors	1.0%	0.6%	1.7%	8.7%	9.7%	2.7%	1.4%
Open cracks or holes	4.8%	3.7%	7.2%	19.1%	31.3%	8.0%	6.4%
Broken plaster or peeling paint	2.0%	1.4%	3.2%	10.4%	19.3%	3.7%	3.1%
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<b>Water Leakage During Last 12 Months</b>							
With leakage from inside structure	8.0%	6.7%	10.8%	17.6%	25.5%	10.2%	9.1%
Fixtures backed up or overflowed	2.2%	1.8%	3.0%	5.1%	8.9%	3.0%	2.6%
Pipes leaked	3.6%	2.9%	5.1%	10.0%	13.4%	5.0%	4.0%
Broken water heater	0.8%	0.8%	0.9%	1.3%	2.4%	0.8%	0.7%
Other or Unknown	2.1%	1.7%	3.0%	5.0%	8.3%	2.5%	2.7%
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<b>Rodents</b>							
Signs of rats in last 3 mon.	0.7%	0.6%	1.1%	5.4%	3.7%	1.6%	1.2%
Signs of mice in last 3 mon.	5.5%	5.3%	6.0%	12.8%	12.5%	8.2%	5.6%
Signs of rodents, not sure which kind in last 3 mon.	0.4%	0.3%	0.7%	3.0%	1.5%	0.7%	0.7%
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<b>Electrical</b>							

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No electrical wiring	<0.1%	0.1%	<0.1%	2.4%	<0.1%	0.1%	<0.1%
Exposed wiring	1.0%	0.8%	1.4%	3.0%	1.9%	1.5%	1.2%
Rooms without electric outlets	1.3%	1.1%	1.8%	7.8%	3.1%	2.4%	1.6%
Fuses/breakers blown in last 3 mon.	9.2%	9.2%	9.2%	15.1%	15.9%	7.8%	9.7%
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Sanitation							
Lacking complete kitchen facilities	1.6%	0.4%	4.1%	8.9%	39.4%	3.6%	2.8%
Lacking some or all plumbing facilities	1.1%	0.7%	2.0%	69.7%	<0.1%	2.4%	1.7%
Water not safe to drink	8.1%	6.5%	11.6%	15.0%	13.8%	11.5%	10.0%
Water stoppage in last 3 mon.	3.4%	2.9%	4.7%	8.9%	6.3%	3.9%	3.4%
No flush toilets working some time in last 3 mon.	2.0%	1.1%	3.9%	7.4%	9.9%	4.1%	2.6%
With sewage disposal breakdowns in last 3 mon.	1.3%	1.1%	1.7%	3.9%	3.9%	1.7%	1.5%
Septic tank, cesspool, chemical toilet	20.0%	25.8%	7.6%	15.1%	17.6%	14.7%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	0.3%	0.2%	1.3%	0.3%	0.3%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	62.9%	67.4%	53.2%	44.3%	39.7%	56.3%	60.5%
Steam or hot water system	11.5%	9.9%	15.0%	21.9%	11.2%	12.8%	16.5%
Electric heat pump	11.7%	12.6%	9.8%	7.3%	4.5%	8.5%	8.5%
Built-in electric units	4.3%	2.8%	7.6%	5.2%	5.1%	6.4%	3.8%
Floor, wall, or other built-in hot air without ducts	4.5%	2.7%	8.4%	7.8%	4.9%	6.7%	6.4%
Room heaters with flue	1.0%	0.9%	1.3%	2.0%	1.4%	1.9%	0.7%

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Room heaters without flue	1.1%	1.0%	1.3%	2.8%	28.7%	2.5%	0.9%
Portable electric heaters	0.9%	0.6%	1.7%	3.6%	2.6%	1.8%	1.3%
Stoves	0.9%	1.0%	0.4%	3.3%	0.7%	1.1%	<0.1%
Fireplace with inserts	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%
Fireplace without inserts	<0.1%	0.1%	<0.1%	0.2%	0.1%	<0.1%	<0.1%
Other	0.4%	0.4%	0.5%	0.4%	0.4%	0.9%	0.5%
No heating equipment	0.4%	0.3%	0.7%	0.5%	0.6%	0.7%	0.7%
Cooking stove	0.1%	<0.1%	0.2%	0.6%	0.1%	0.2%	0.2%
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<b>Water Heating Fuel</b>							
Electricity	40.0%	37.9%	44.5%	35.9%	39.9%	45.9%	29.6%
Gas, LP/bottled gas	55.2%	57.5%	50.1%	53.7%	55.7%	49.5%	64.4%
Fuel oil	4.5%	4.2%	5.2%	9.3%	4.2%	4.5%	5.7%
Kerosene or other liquid fuel	<0.1%	<0.1%	<0.1%	0.2%	0.1%	<0.1%	<0.1%
Other	0.3%	0.3%	0.1%	0.9%	0.1%	0.1%	0.2%
Clothes Dryer,(,000)	88,506	71,443	17,063	912	2,265	8,133	20,153
Have Clothes Dryer	80.0%	94.4%	48.7%	50.5%	57.1%	57.4%	64.1%
Electricity	77.1%	75.0%	85.9%	75.6%	84.3%	83.3%	73.4%
Gas, LP gas (liquid propane)	22.8%	24.9%	14.1%	24.1%	15.7%	16.6%	26.6%
Other	<0.1%	<0.1%	0.1%	0.3%	<0.1%	<0.1%	<0.1%
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<b>Heating Problems</b>							
Uncomfortably cold for 24 hours or more last winter	8.8%	7.6%	11.7%	40.0%	18.9%	13.4%	9.5%
Heating equipment breakdowns	2.4%	2.0%	3.3%	29.6%	3.5%	3.8%	3.1%
Other causes	5.9%	5.5%	7.0%	11.4%	13.9%	8.4%	5.8%
Utility interruption	2.4%	2.8%	1.7%	2.3%	2.4%	1.9%	1.3%
Inadequate heating capacity	1.0%	0.6%	2.0%	4.5%	4.1%	2.0%	1.6%
Inadequate insulation	0.8%	0.5%	1.6%	2.7%	3.8%	2.0%	1.1%

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Cost of heating	0.9%	0.9%	0.8%	1.4%	2.8%	1.6%	1.0%
Other	1.4%	1.1%	1.9%	3.4%	3.7%	2.3%	1.3%

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SELECTED PHYSICAL  
PROBLEMS

Severe Physical Problems(,000)	1,806	729	1,077	1,806	.	469	755
Severe physical problems	1.6%	1.0%	3.1%	100%	.	3.3%	2.4%
Plumbing	1.1%	0.7%	2.0%	69.7%	.	2.3%	1.7%
Heating	0.4%	0.2%	0.9%	25.6%	.	0.8%	0.6%
Electric	<0.1%	0.1%	<0.1%	2.7%	.	0.1%	<0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	0.1%	<0.1%	0.2%	4.3%	.	0.3%	0.1%
Moderate Physical Problems(,000)	3,965	1,565	2,401	.	3,965	1,081	1,549
Moderate physical problems	3.6%	2.1%	6.9%	.	100%	7.6%	4.9%
Plumbing	0.2%	0.1%	0.3%	.	4.7%	0.3%	0.2%
Heating	1.0%	1.0%	1.2%	.	28.7%	2.3%	0.8%
Upkeep	1.4%	0.3%	3.7%	.	39.4%	3.0%	2.5%
Hallways	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%	<0.1%
Kitchen	1.1%	0.7%	1.9%	.	30.4%	2.3%	1.5%

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OVERALL OPINION OF  
STRUCTURE

1(worst)	0.5%	0.2%	1.2%	4.2%	2.7%	1.7%	0.8%
2	0.3%	0.1%	0.7%	2.0%	1.5%	0.5%	0.4%
3	0.7%	0.3%	1.4%	3.6%	3.3%	1.5%	1.0%
4	1.0%	0.6%	2.0%	3.4%	4.0%	2.0%	1.4%
5	5.0%	3.2%	8.8%	11.2%	12.5%	9.4%	6.4%
6	5.1%	3.5%	8.3%	8.4%	8.9%	6.8%	6.6%

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7	13.8%	11.8%	18.1%	13.8%	15.3%	14.1%	16.5%
8	28.8%	29.2%	27.8%	25.6%	23.8%	24.9%	29.4%
9	16.6%	18.5%	12.6%	10.8%	9.6%	12.2%	15.7%
10(best)	28.2%	32.5%	19.0%	17.0%	18.4%	26.8%	21.8%

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