

**American Housing Survey - Selected Elements Related to Healthy Homes  
National Data 2011**

<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)	114,907	76,091	38,816	2,103	4,126	16,060	33,161
<b>GENERAL</b>							
Owner occupied(,000)	76,091	76,091	.	907	1,568	6,166	16,552
Renter occupied(,000)	38,816	.	38,816	1,196	2,558	9,894	16,609
Owner occupied	66.2%	100%	<0.1%	43.1%	38.0%	38.4%	49.9%
Renter occupied	33.8%	<0.1%	100%	56.9%	62.0%	61.6%	50.1%
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<b>Units in Structure</b>							
1, detached	64.2%	82.4%	28.6%	44.3%	39.6%	42.7%	49.3%
1, attached	5.9%	5.4%	6.8%	5.1%	3.4%	6.1%	7.9%
2 to 4	7.8%	1.9%	19.4%	14.8%	17.8%	13.6%	12.9%
5 to 9	4.7%	0.8%	12.3%	6.9%	10.3%	8.5%	7.4%
10 to 19	4.4%	0.7%	11.6%	8.1%	7.3%	6.9%	6.5%
20 to 49	3.2%	0.5%	8.5%	6.5%	6.9%	5.8%	6.1%
50 or more	3.6%	1.0%	8.8%	7.0%	7.0%	6.1%	8.7%
Manufactured /mobile home or trailer	6.3%	7.5%	3.9%	7.4%	7.8%	10.3%	1.3%
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<b>Year Structure Built</b>							
Post-2000	13.8%	15.6%	10.2%	5.0%	4.4%	9.3%	10.9%
Post-1980	38.7%	42.1%	32.2%	21.1%	22.4%	31.1%	27.7%
Pre-1980	61.3%	57.9%	67.8%	78.9%	77.6%	68.9%	72.3%
Pre-1960	30.9%	29.5%	33.4%	47.2%	45.7%	34.6%	42.7%
Pre-1940	14.7%	12.8%	18.5%	27.4%	24.4%	17.2%	22.6%
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Foundation (for 1-unit not manufactured)							

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1-Unit not manufactured(,000)	80,505	66,752	13,753	1,040	1,772	7,844	18,949
With a basement under all of house	32.7%	34.4%	24.0%	32.2%	22.1%	27.3%	31.9%
With a basement under part of house	10.6%	11.3%	7.2%	7.9%	8.7%	7.3%	8.1%
With a crawl space	22.1%	21.4%	25.3%	24.1%	40.2%	25.9%	20.2%
On a concrete slab	33.1%	31.5%	41.1%	29.7%	23.7%	36.4%	38.2%
In some other way	1.6%	1.4%	2.4%	6.1%	5.3%	3.2%	1.6%
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<b>EXTERIOR</b>							
External Building Conditions(non multiunit)							
Sagging roof	2.0%	1.8%	2.9%	9.0%	11.4%	3.8%	2.4%
Missing roofing material	3.6%	3.4%	4.1%	9.9%	14.3%	5.8%	3.8%
Hole in roof	1.5%	1.3%	2.4%	7.6%	11.9%	3.4%	1.9%
Missing bricks, siding, other outside wall material	2.5%	2.2%	3.9%	10.7%	14.2%	5.0%	3.2%
Sloping outside walls	1.2%	1.0%	2.2%	5.9%	8.4%	2.3%	1.5%
Boarded up windows	1.0%	0.9%	1.6%	4.5%	6.1%	2.6%	1.5%
Broken windows	4.2%	3.7%	6.6%	14.1%	18.1%	8.6%	4.8%
Bars on windows	2.9%	2.7%	3.8%	4.2%	7.5%	4.8%	8.9%
Foundation crumbling or has open crack or hole	5.4%	5.1%	6.8%	15.0%	18.5%	8.4%	6.4%
None of the above	82.0%	83.2%	76.8%	64.2%	50.3%	72.3%	75.3%
None of the above(excluding bars)	84.2%	85.2%	79.5%	66.3%	53.3%	75.6%	81.9%
Water Leakage During Last 12 Months							
With leakage from outside structure	11.0%	11.5%	9.8%	17.4%	29.4%	11.6%	11.6%
Roof	5.7%	6.1%	4.9%	10.0%	16.8%	6.5%	5.9%

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Basement leak	2.8%	3.4%	1.4%	2.5%	5.1%	1.9%	2.6%
Walls, closed windows, or doors leak	2.2%	1.8%	3.0%	4.7%	8.9%	2.8%	2.9%
Other or Unknown exterior Leak	1.2%	1.1%	1.3%	2.9%	3.3%	1.3%	1.4%
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<b>INTERIOR</b>							
<b>Damage</b>							
Holes in floors	1.0%	0.7%	1.6%	7.2%	9.9%	2.1%	1.3%
Open cracks or holes	5.2%	4.2%	7.1%	18.1%	29.9%	8.6%	6.7%
Broken plaster or peeling paint	2.1%	1.5%	3.1%	8.3%	18.6%	3.4%	3.2%
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<b>Water Leakage During Last 12 Months</b>							
With leakage from inside structure	8.5%	7.2%	11.2%	16.2%	25.1%	11.0%	10.0%
Fixtures backed up or overflowed	1.9%	1.7%	2.3%	4.9%	6.6%	2.2%	2.2%
Pipes leaked	3.6%	2.9%	4.9%	8.4%	12.5%	5.1%	4.5%
Broken water heater	0.8%	0.9%	0.8%	1.4%	2.0%	1.0%	0.7%
Other or Unknown	2.4%	1.8%	3.6%	3.2%	6.0%	3.0%	2.9%
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<b>Rodents</b>							
Signs of rats in last 3 mon.	1.0%	0.9%	1.3%	3.3%	3.6%	1.8%	1.4%
Signs of mice in last 3 mon.	11.1%	11.7%	10.0%	17.7%	20.0%	12.5%	9.9%
Signs of rodents, not sure which kind in last 3 mon.	0.6%	0.5%	0.8%	1.5%	1.6%	1.0%	0.7%
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<b>Electrical</b>							

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No electrical wiring	0.1%	0.1%	0.2%	3.2%	0.1%	0.3%	0.1%
Exposed wiring	1.6%	1.3%	2.1%	6.2%	3.9%	2.5%	1.6%
Rooms without electric outlets	0.8%	0.6%	1.2%	6.5%	2.2%	1.4%	1.0%
Fuses/breakers blown in last 3 mon.	9.4%	9.4%	9.4%	14.7%	15.1%	9.1%	9.6%
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Sanitation							
Lacking complete kitchen facilities	1.7%	0.6%	4.0%	8.4%	44.4%	3.3%	2.8%
Lacking some or all plumbing facilities	1.3%	0.8%	2.1%	68.2%	<0.1%	2.1%	1.8%
Water not safe to drink	8.3%	6.2%	12.3%	14.7%	14.9%	13.1%	10.1%
Water stoppage in last 3 mon.	4.0%	3.5%	5.1%	8.3%	9.4%	4.8%	4.0%
No flush toilets working some time in last 3 mon.	1.9%	1.1%	3.4%	5.7%	9.8%	3.4%	2.5%
With sewage disposal breakdowns in last 3 mon.	1.4%	1.2%	1.7%	3.7%	5.0%	2.0%	1.6%
Septic tank, cesspool, chemical toilet	19.6%	25.7%	7.5%	15.6%	16.1%	14.7%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	0.3%	0.2%	0.8%	0.8%	0.4%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	64.1%	67.9%	56.7%	47.8%	39.1%	57.3%	62.8%
Steam or hot water system	11.0%	9.7%	13.5%	18.6%	14.0%	10.9%	15.6%
Electric heat pump	11.8%	12.9%	9.6%	7.1%	4.8%	9.7%	8.5%
Built-in electric units	4.2%	2.6%	7.4%	5.2%	5.6%	5.9%	3.9%
Floor, wall, or other built-in hot air without ducts	3.9%	2.4%	6.9%	7.0%	5.6%	6.7%	5.2%
Room heaters with flue	0.8%	0.7%	1.0%	1.1%	1.1%	1.4%	0.6%

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Room heaters without flue	1.0%	0.8%	1.2%	2.5%	25.2%	2.2%	0.7%
Portable electric heaters	1.2%	0.9%	1.8%	3.9%	2.0%	3.0%	1.4%
Stoves	0.9%	1.2%	0.5%	4.0%	1.0%	1.2%	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%	0.2%	0.1%	0.1%	<0.1%
Other	0.3%	0.3%	0.4%	1.1%	0.3%	0.7%	0.3%
No heating equipment	0.4%	0.3%	0.7%	1.1%	0.7%	0.6%	0.7%
Cooking stove	0.1%	<0.1%	0.1%	0.2%	0.3%	0.2%	0.1%
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<b>Water Heating Fuel</b>							
Electricity	41.3%	39.0%	45.7%	38.7%	39.0%	46.9%	31.9%
Gas, LP/bottled gas	54.3%	56.6%	49.7%	53.8%	55.2%	49.2%	62.8%
Fuel oil	4.1%	4.0%	4.3%	6.5%	5.1%	3.6%	5.0%
Kerosene or other liquid fuel	<0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Other	0.4%	0.4%	0.2%	1.0%	0.5%	0.3%	0.2%
Clothes Dryer(,000)	93,052	72,397	20,655	1,139	2,344	9,825	21,908
Have Clothes Dryer	81.0%	95.1%	53.2%	54.2%	56.8%	61.2%	66.1%
Electricity	78.1%	76.4%	84.0%	78.9%	82.5%	82.1%	74.3%
Gas, LP gas (liquid propane)	21.8%	23.5%	15.8%	21.0%	17.5%	17.8%	25.6%
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	9.1%	7.7%	12.5%	43.7%	22.2%	13.7%	10.1%
Heating equipment breakdowns	2.3%	1.9%	3.2%	31.2%	4.1%	3.8%	3.0%
Other causes	5.9%	5.5%	6.7%	11.0%	15.4%	8.0%	6.0%
Utility interruption	1.9%	2.3%	1.1%	1.5%	1.9%	1.6%	1.1%
Inadequate heating capacity	1.1%	0.7%	2.0%	3.9%	5.4%	2.2%	1.7%
Inadequate insulation	1.1%	0.7%	1.8%	3.1%	5.0%	2.0%	1.4%

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Cost of heating	1.0%	1.0%	1.1%	1.7%	2.8%	1.3%	0.8%
Other	1.3%	1.2%	1.6%	3.5%	3.2%	1.8%	1.6%

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SELECTED PHYSICAL  
PROBLEMS

Severe Physical Problems(,000)	2,103	907	1,196	2,103	.	522	909
Severe physical problems	1.8%	1.2%	3.1%	100%	.	3.3%	2.7%
Plumbing	1.2%	0.8%	2.1%	68.2%	.	2.1%	1.8%
Heating	0.5%	0.3%	0.9%	28.6%	.	1.1%	0.8%
Electric	0.1%	0.1%	<0.1%	3.1%	.	0.1%	<0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	<0.1%	<0.1%	0.1%	2.5%	.	0.1%	0.1%
Moderate Physical Problems(,000)	4,126	1,568	2,558	.	4,126	1,170	1,628
Moderate physical problems	3.6%	2.1%	6.6%	.	100%	7.3%	4.9%
Plumbing	0.2%	0.1%	0.4%	.	5.2%	0.4%	0.3%
Heating	0.9%	0.8%	1.1%	.	25.2%	2.1%	0.7%
Upkeep	1.6%	0.5%	3.7%	.	44.4%	2.9%	2.6%
Hallways	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%	<0.1%
Kitchen	1.0%	0.7%	1.7%	.	28.2%	2.3%	1.6%

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OVERALL OPINION OF  
STRUCTURE

1(worst)	0.6%	0.3%	1.1%	3.4%	3.0%	1.5%	0.7%
2	0.3%	0.1%	0.7%	1.9%	1.6%	0.9%	0.5%
3	0.7%	0.4%	1.2%	3.5%	2.9%	1.6%	1.0%
4	1.0%	0.6%	1.8%	2.7%	3.3%	1.9%	1.2%
5	4.7%	3.3%	7.5%	9.6%	11.8%	8.6%	5.8%
6	5.0%	3.7%	7.7%	7.1%	10.5%	6.4%	6.2%

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7	13.9%	12.0%	17.6%	16.5%	15.5%	14.5%	16.1%
8	27.2%	26.8%	27.8%	21.2%	21.9%	24.4%	28.4%
9	16.0%	17.7%	12.7%	11.1%	10.6%	11.3%	15.0%
10(best)	30.6%	35.1%	21.9%	23.0%	19.0%	28.9%	25.2%

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