

**American Housing Survey - Selected Elements Related to Healthy Homes  
National Data 2005**

<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)	108,871	74,931	33,940	2,021	4,188	15,096	31,581
<b>GENERAL</b>							
Owner occupied(,000)	74,931	74,931	.	922	1,648	6,430	16,699
Renter occupied(,000)	33,940	.	33,940	1,099	2,540	8,666	14,882
Owner occupied	68.8%	100%	<0.1%	45.6%	39.4%	42.6%	52.9%
Renter occupied	31.2%	<0.1%	100%	54.4%	60.6%	57.4%	47.1%
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<b>Units in Structure</b>							
1, detached	64.3%	82.3%	24.4%	45.9%	41.3%	43.5%	49.8%
1, attached	5.7%	5.3%	6.4%	5.4%	2.8%	5.6%	7.6%
2 to 4	7.4%	2.0%	19.2%	12.0%	16.7%	12.6%	12.0%
5 to 9	4.5%	0.7%	12.9%	7.9%	9.1%	7.9%	7.2%
10 to 19	4.4%	0.7%	12.3%	8.1%	9.1%	6.3%	6.8%
20 to 49	3.5%	0.6%	9.8%	6.4%	7.8%	5.5%	6.4%
50 or more	4.0%	1.0%	10.7%	8.3%	6.3%	8.5%	9.0%
Manufactured /mobile home or trailer	6.4%	7.4%	4.2%	6.1%	6.8%	10.1%	1.2%
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<b>Year Structure Built</b>							
Post-2000	8.0%	9.4%	4.8%	2.4%	2.5%	5.1%	5.5%
Post-1980	34.5%	37.7%	27.4%	17.9%	18.4%	26.3%	23.2%
Pre-1980	65.5%	62.3%	72.6%	82.1%	81.6%	73.7%	76.8%
Pre-1960	33.0%	31.5%	36.4%	49.0%	48.5%	37.0%	45.5%
Pre-1940	16.2%	14.2%	20.4%	27.7%	26.9%	18.9%	24.4%

Foundation (for 1-unit not  
manufactured)

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1-Unit not manufactured(,000)	76,154	65,675	10,479	1,037	1,849	7,410	18,146
With a basement under all of house	32.8%	34.4%	22.6%	31.6%	15.5%	27.8%	32.5%
With a basement under part of house	11.5%	11.9%	8.5%	11.5%	7.2%	8.1%	8.1%
With a crawl space	25.0%	23.8%	32.4%	34.1%	58.3%	33.3%	24.0%
On a concrete slab	30.2%	29.4%	35.3%	21.1%	18.6%	29.9%	34.8%
In some other way	0.5%	0.4%	1.2%	1.7%	0.5%	0.9%	0.5%
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<b>EXTERIOR</b>							
External Building Conditions(non multiunit)							
Sagging roof	2.1%	1.9%	3.8%	8.7%	11.3%	4.0%	2.4%
Missing roofing material	3.5%	3.3%	4.7%	10.3%	11.7%	5.4%	4.3%
Hole in roof	1.7%	1.4%	3.5%	8.3%	10.7%	3.7%	2.3%
Missing bricks, siding, other outside wall material	2.6%	2.1%	5.3%	9.4%	13.6%	5.6%	3.0%
Sloping outside walls	1.3%	0.9%	3.1%	7.2%	9.4%	2.7%	1.5%
Boarded up windows	0.8%	0.6%	2.0%	4.4%	5.5%	2.5%	1.0%
Broken windows	3.6%	3.0%	7.1%	10.4%	17.3%	6.6%	4.2%
Bars on windows	2.8%	2.5%	4.2%	4.8%	6.7%	4.7%	8.2%
Foundation crumbling or has open crack or hole	2.4%	2.1%	4.2%	8.4%	10.7%	4.0%	3.1%
None of the above	84.3%	85.7%	76.1%	70.3%	55.0%	75.9%	77.6%
None of the above(excluding bars)	86.4%	87.6%	79.0%	72.0%	58.2%	79.2%	83.7%
Water Leakage During Last 12 Months							
With leakage from outside structure	10.9%	11.3%	9.8%	18.6%	27.6%	10.2%	11.1%
Roof	5.7%	5.8%	5.4%	12.0%	18.4%	6.0%	6.1%

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Basement leak	3.5%	4.3%	1.8%	4.4%	5.0%	2.2%	2.9%
Walls, closed windows, or doors leak	2.4%	2.2%	2.9%	7.1%	9.1%	2.8%	2.9%
Other or Unknown exterior Leak	1.2%	1.2%	1.4%	2.4%	4.7%	1.0%	1.2%
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<b>INTERIOR</b>							
<b>Damage</b>							
Holes in floors	0.9%	0.7%	1.4%	5.4%	8.2%	2.0%	1.1%
Open cracks or holes	4.8%	3.7%	7.2%	13.9%	29.0%	7.6%	6.2%
Broken plaster or peeling paint	2.0%	1.4%	3.4%	7.5%	18.9%	3.5%	3.2%
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<b>Water Leakage During Last 12 Months</b>							
With leakage from inside structure	8.4%	7.0%	11.4%	16.0%	26.9%	9.6%	9.7%
Fixtures backed up or overflowed	2.7%	2.2%	3.7%	7.3%	10.3%	3.1%	3.1%
Pipes leaked	3.7%	2.7%	5.9%	9.2%	15.4%	5.0%	4.5%
Broken water heater	0.9%	1.0%	0.8%	2.1%	3.0%	0.8%	0.8%
Other or Unknown	2.2%	1.9%	3.0%	4.1%	7.8%	2.2%	2.6%
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<b>Rodents</b>							
Signs of rats in last 3 mon.	0.9%	0.7%	1.3%	4.6%	4.2%	1.5%	1.4%
Signs of mice in last 3 mon.	5.7%	5.3%	6.6%	12.1%	12.4%	7.3%	6.0%
Signs of rodents, not sure which kind in last 3 mon.	0.3%	0.2%	0.5%	1.0%	0.8%	0.6%	0.5%
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<b>Electrical</b>							

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No electrical wiring	<0.1%	0.1%	<0.1%	1.5%	<0.1%	0.1%	<0.1%
Exposed wiring	0.6%	0.6%	0.7%	1.9%	1.5%	1.1%	0.6%
Rooms without electric outlets	1.5%	1.3%	1.9%	6.4%	3.3%	2.4%	1.8%
Fuses/breakers blown in last 3 mon.	9.1%	9.0%	9.3%	17.6%	14.3%	7.7%	9.7%
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Sanitation							
Lacking complete kitchen facilities	1.6%	0.3%	4.2%	7.4%	36.9%	3.2%	2.6%
Lacking some or all plumbing facilities	1.2%	0.9%	1.9%	64.2%	<0.1%	2.4%	1.7%
Water not safe to drink	9.2%	7.2%	13.7%	14.4%	18.3%	12.4%	11.8%
Water stoppage in last 3 mon.	3.2%	2.6%	4.6%	6.3%	7.7%	3.7%	3.6%
No flush toilets working some time in last 3 mon.	2.0%	1.1%	4.0%	5.4%	10.1%	3.5%	2.6%
With sewage disposal breakdowns in last 3 mon.	1.2%	1.0%	1.7%	3.0%	4.1%	1.5%	1.4%
Septic tank, cesspool, chemical toilet	20.4%	26.0%	7.9%	15.2%	17.1%	16.5%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	0.3%	0.2%	0.8%	0.6%	0.3%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	62.7%	67.3%	52.5%	46.5%	35.2%	55.4%	60.1%
Steam or hot water system	11.8%	10.3%	15.2%	21.1%	11.7%	12.6%	16.5%
Electric heat pump	11.5%	12.1%	10.0%	6.8%	5.8%	9.6%	9.1%
Built-in electric units	4.3%	2.8%	7.6%	5.6%	5.5%	5.9%	3.7%
Floor, wall, or other built-in hot air without ducts	4.7%	2.9%	8.6%	6.8%	6.2%	7.1%	6.5%
Room heaters with flue	1.2%	1.0%	1.6%	2.4%	1.4%	2.1%	0.9%

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Room heaters without flue	1.2%	1.2%	1.3%	2.7%	30.4%	2.7%	1.1%
Portable electric heaters	0.8%	0.6%	1.4%	2.6%	1.6%	1.8%	1.0%
Stoves	0.8%	1.0%	0.5%	2.5%	0.7%	1.2%	<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	0.3%	0.2%	0.4%	0.7%	0.4%	0.5%	0.4%
No heating equipment	0.4%	0.3%	0.6%	1.5%	0.8%	0.6%	0.6%
Cooking stove	0.1%	0.1%	0.2%	0.7%	0.2%	0.2%	0.2%
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<b>Water Heating Fuel</b>							
Electricity	39.4%	37.2%	44.1%	35.5%	39.8%	45.8%	29.7%
Gas, LP/bottled gas	55.4%	57.9%	49.9%	53.7%	55.6%	49.2%	63.9%
Fuel oil	4.9%	4.6%	5.7%	10.1%	4.5%	4.7%	6.1%
Kerosene or other liquid fuel	<0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Other	0.3%	0.3%	0.3%	0.6%	0.1%	0.3%	0.3%
Clothes Dryer,(,000)	86,169	70,348	15,821	1,060	2,193	8,541	20,176
Have Clothes Dryer	79.1%	93.9%	46.6%	52.5%	52.4%	56.6%	63.9%
Electricity	77.1%	75.2%	85.5%	76.2%	82.8%	83.4%	73.2%
Gas, LP gas (liquid propane)	22.9%	24.8%	14.5%	23.4%	17.2%	16.5%	26.8%
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	7.4%	5.9%	11.0%	40.4%	17.6%	10.5%	9.1%
Heating equipment breakdowns	2.2%	1.7%	3.3%	33.0%	2.5%	2.8%	2.9%
Other causes	4.6%	4.0%	5.9%	8.1%	12.7%	6.7%	5.2%
Utility interruption	1.5%	1.7%	0.9%	1.4%	1.8%	1.3%	1.1%
Inadequate heating capacity	0.9%	0.5%	1.9%	3.2%	4.9%	2.1%	1.4%
Inadequate insulation	0.8%	0.5%	1.5%	3.5%	3.7%	1.9%	1.1%

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Cost of heating	0.7%	0.6%	1.0%	1.4%	2.4%	1.3%	0.7%
Other	1.4%	1.1%	2.1%	2.6%	4.5%	2.0%	1.9%

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SELECTED PHYSICAL  
PROBLEMS

Severe Physical Problems(,000)	2,021	922	1,099	2,021	.	583	859
Severe physical problems	1.9%	1.2%	3.2%	100%	.	3.9%	2.7%
Plumbing	1.2%	0.9%	1.9%	64.2%	.	2.4%	1.7%
Heating	0.6%	0.3%	1.2%	31.8%	.	1.2%	0.9%
Electric	0.1%	0.1%	0.1%	3.6%	.	0.2%	0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	<0.1%	<0.1%	0.1%	2.6%	.	0.2%	0.1%
Moderate Physical Problems(,000)	4,188	1,648	2,540	.	4,188	1,131	1,704
Moderate physical problems	3.8%	2.2%	7.5%	.	100%	7.5%	5.4%
Plumbing	0.1%	0.1%	0.3%	.	3.7%	0.3%	0.2%
Heating	1.2%	1.1%	1.2%	.	30.4%	2.5%	1.0%
Upkeep	1.4%	0.3%	3.9%	.	36.9%	2.7%	2.3%
Hallways	0.1%	<0.1%	0.3%	.	3.2%	0.2%	0.3%
Kitchen	1.1%	0.7%	2.0%	.	29.0%	2.0%	1.7%

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OVERALL OPINION OF  
STRUCTURE

1(worst)	0.5%	0.2%	1.0%	3.5%	2.5%	1.4%	0.7%
2	0.3%	0.2%	0.7%	1.4%	1.7%	0.7%	0.5%
3	0.7%	0.3%	1.4%	2.0%	2.5%	1.4%	1.0%
4	0.9%	0.5%	2.0%	2.9%	3.1%	1.7%	1.4%
5	5.3%	3.4%	9.3%	12.4%	13.2%	9.1%	6.8%
6	5.0%	3.7%	8.0%	8.3%	8.1%	6.5%	6.2%

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7	14.0%	12.0%	18.5%	15.6%	17.3%	13.2%	16.3%
8	28.5%	28.9%	27.6%	21.1%	23.5%	24.5%	28.9%
9	16.2%	18.2%	11.7%	12.0%	9.7%	12.2%	14.7%
10(best)	28.5%	32.6%	19.7%	20.7%	18.5%	29.4%	23.6%

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