

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

<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)	25,576	15,460	10,116	408	827	3,428	8,691
GENERAL							
Owner occupied(,000)	15,460	15,460	.	145	199	1,063	4,342
Renter occupied(,000)	10,116	.	10,116	264	629	2,365	4,348
Owner occupied	60.4%	100%	<0.1%	35.4%	24.0%	31.0%	50.0%
Renter occupied	39.6%	<0.1%	100%	64.6%	76.0%	69.0%	50.0%
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Units in Structure							
1, detached	62.3%	82.9%	30.8%	38.2%	24.4%	40.5%	53.1%
1, attached	6.0%	4.9%	7.7%	5.2%	1.7%	7.2%	7.1%
2 to 4	7.7%	1.6%	17.1%	17.6%	22.5%	14.7%	10.0%
5 to 9	5.8%	1.1%	12.9%	9.5%	16.6%	9.5%	8.0%
10 to 19	5.0%	0.9%	11.2%	6.7%	10.6%	7.3%	6.6%
20 to 49	4.0%	0.5%	9.4%	9.2%	11.8%	7.3%	6.6%
50 or more	3.5%	0.6%	7.9%	6.7%	6.1%	5.3%	6.4%
Manufactured /mobile home or trailer	5.7%	7.4%	3.0%	7.0%	6.2%	8.0%	2.2%
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Year Structure Built							
Post-2000	15.0%	17.5%	11.3%	4.8%	6.3%	10.5%	11.9%
Post-1980	42.3%	45.8%	36.9%	25.5%	31.3%	34.9%	34.2%
Pre-1980	57.7%	54.2%	63.1%	74.5%	68.7%	65.1%	65.8%
Pre-1960	24.5%	23.6%	25.9%	36.7%	30.1%	26.5%	32.6%
Pre-1940	8.6%	7.6%	10.2%	16.2%	11.8%	8.9%	13.2%

Foundation (for 1-unit not
manufactured)

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1-Unit not manufactured(,000)	17,473	13,577	3,896	177	216	1,636	5,230
With a basement under all of house	12.0%	13.0%	8.2%	4.9%	6.6%	7.6%	12.5%
With a basement under part of house	6.9%	7.4%	5.2%	7.5%	10.2%	4.8%	6.8%
With a crawl space	30.5%	30.9%	28.8%	37.6%	36.6%	28.0%	28.8%
On a concrete slab	49.3%	47.4%	55.9%	47.2%	42.6%	57.4%	50.6%
In some other way	1.4%	1.3%	1.8%	2.8%	4.1%	2.2%	1.2%
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EXTERIOR							
External Building Conditions(non multiunit)							
Sagging roof	2.0%	1.8%	2.4%	6.6%	10.2%	3.4%	2.2%
Missing roofing material	3.5%	3.5%	3.2%	6.4%	19.3%	4.8%	3.0%
Hole in roof	1.3%	1.3%	1.6%	5.4%	9.3%	2.8%	1.1%
Missing bricks, siding, other outside wall material	2.1%	1.9%	2.7%	8.4%	13.9%	3.2%	2.4%
Sloping outside walls	0.9%	0.8%	1.3%	3.3%	7.1%	1.2%	0.8%
Boarded up windows	1.1%	0.9%	1.5%	2.5%	9.5%	3.0%	1.2%
Broken windows	4.3%	3.7%	6.1%	15.6%	14.3%	9.7%	4.3%
Bars on windows	4.8%	4.4%	6.3%	3.4%	9.3%	7.5%	10.2%
Foundation crumbling or has open crack or hole	4.6%	4.4%	5.4%	11.5%	10.8%	6.2%	4.8%
None of the above	80.5%	81.6%	76.7%	64.7%	49.3%	72.0%	75.9%
None of the above(excluding bars)	84.4%	85.2%	81.4%	67.1%	51.7%	77.4%	84.4%
Water Leakage During Last 12 Months							
With leakage from outside structure	8.1%	8.5%	7.5%	14.6%	22.6%	8.3%	8.3%
Roof	4.7%	5.3%	3.9%	9.2%	13.5%	4.9%	4.6%

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Basement leak	0.7%	1.0%	0.3%	0.1%	1.4%	0.3%	0.8%
Walls, closed windows, or doors leak	2.0%	1.7%	2.5%	4.5%	8.0%	2.4%	2.4%
Other or Unknown exterior Leak	1.1%	1.0%	1.3%	3.3%	2.1%	1.2%	1.0%
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INTERIOR							
Damage							
Holes in floors	0.8%	0.6%	1.0%	3.1%	7.6%	1.6%	0.9%
Open cracks or holes	4.4%	3.3%	6.1%	13.1%	22.9%	7.5%	4.9%
Broken plaster or peeling paint	1.7%	1.4%	2.2%	7.2%	12.6%	2.2%	2.2%
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Water Leakage During Last 12 Months							
With leakage from inside structure	8.7%	7.6%	10.3%	15.7%	21.0%	10.0%	9.4%
Fixtures backed up or overflowed	2.2%	1.8%	2.8%	5.2%	7.5%	2.7%	2.5%
Pipes leaked	3.6%	3.1%	4.4%	8.8%	10.8%	4.3%	4.3%
Broken water heater	0.8%	1.0%	0.7%	1.2%	2.0%	0.8%	0.8%
Other or Unknown	2.3%	1.8%	2.9%	2.2%	3.4%	2.6%	2.2%
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Rodents							
Signs of rats in last 3 mon.	1.5%	1.4%	1.5%	2.7%	2.5%	2.1%	1.7%
Signs of mice in last 3 mon.	7.6%	8.3%	6.5%	7.0%	10.0%	7.4%	5.5%
Signs of rodents, not sure which kind in last 3 mon.	0.6%	0.6%	0.6%	0.7%	0.9%	1.1%	0.7%
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Electrical							

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No electrical wiring	0.1%	<0.1%	0.2%	0.2%	<0.1%	0.2%	0.1%
Exposed wiring	1.6%	1.6%	1.8%	4.6%	4.0%	2.4%	1.8%
Rooms without electric outlets	0.7%	0.5%	1.0%	2.8%	1.7%	1.2%	0.7%
Fuses/breakers blown in last 3 mon.	8.9%	9.2%	8.4%	12.3%	12.0%	8.7%	9.0%
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Sanitation							
Lacking complete kitchen facilities	2.4%	0.6%	5.1%	8.4%	69.1%	4.3%	3.0%
Lacking some or all plumbing facilities	1.0%	0.6%	1.6%	61.6%	<0.1%	1.7%	1.2%
Water not safe to drink	13.0%	9.6%	18.2%	20.3%	23.2%	22.9%	14.7%
Water stoppage in last 3 mon.	4.0%	2.8%	5.7%	9.2%	10.6%	6.1%	4.3%
No flush toilets working some time in last 3 mon.	2.1%	1.2%	3.5%	3.4%	9.8%	4.4%	2.8%
With sewage disposal breakdowns in last 3 mon.	1.3%	1.0%	1.7%	3.3%	4.0%	2.2%	1.4%
Septic tank, cesspool, chemical toilet	11.9%	16.4%	5.0%	9.0%	5.6%	7.4%	1.0%
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	0.2%	0.3%	0.4%	0.8%	0.4%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	67.1%	74.9%	55.0%	53.0%	47.3%	53.5%	64.3%
Steam or hot water system	3.2%	3.2%	3.3%	4.4%	2.5%	3.2%	4.3%
Electric heat pump	6.0%	6.7%	4.9%	2.3%	3.0%	5.2%	6.1%
Built-in electric units	6.7%	3.8%	11.1%	7.8%	11.4%	8.6%	6.3%
Floor, wall, or other built-in hot air without ducts	10.5%	5.5%	18.2%	18.9%	20.6%	19.6%	13.0%
Room heaters with flue	1.0%	0.9%	1.2%	1.2%	0.8%	1.3%	0.8%

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Room heaters without flue	0.2%	0.2%	0.3%	0.7%	6.9%	0.5%	0.2%
Portable electric heaters	1.5%	1.0%	2.2%	4.7%	2.8%	3.2%	1.7%
Stoves	1.4%	1.7%	0.9%	4.3%	1.0%	1.6%	0.2%
Fireplace with inserts	0.3%	0.4%	0.1%	0.1%	<0.1%	0.2%	0.1%
Fireplace without inserts	0.1%	0.1%	0.1%	0.1%	<0.1%	0.1%	<0.1%
Other	0.4%	0.2%	0.6%	0.4%	1.2%	0.8%	0.4%
No heating equipment	1.6%	1.3%	2.0%	1.8%	2.5%	2.0%	2.4%
Cooking stove	0.1%	<0.1%	0.1%	0.2%	<0.1%	0.1%	<0.1%
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Water Heating Fuel							
Electricity	27.6%	24.1%	33.0%	23.7%	31.8%	30.9%	25.7%
Gas, LP/bottled gas	71.8%	75.2%	66.6%	76.3%	67.6%	68.7%	73.8%
Fuel oil	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Kerosene or other liquid fuel	<0.1%	<0.1%	<0.1%	<0.1%	0.3%	<0.1%	<0.1%
Other	0.6%	0.7%	0.4%	<0.1%	0.5%	0.3%	0.5%
Clothes Dryer,(,000)	20,311	14,839	5,472	218	394	1,992	6,069
Have Clothes Dryer	79.4%	96.0%	54.1%	53.4%	47.6%	58.1%	69.8%
Electricity	67.4%	65.5%	72.5%	67.1%	69.6%	68.4%	66.5%
Gas, LP gas (liquid propane)	32.5%	34.4%	27.3%	32.6%	30.4%	31.4%	33.4%
Other	0.1%	0.1%	0.1%	0.4%	<0.1%	0.2%	0.1%
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Heating Problems							
Uncomfortably cold for 24 hours or more last winter	8.7%	7.2%	11.4%	51.4%	19.3%	13.5%	8.6%
Heating equipment breakdowns	2.2%	1.7%	2.8%	38.1%	4.1%	3.3%	2.3%
Other causes	5.6%	5.2%	6.2%	10.1%	11.7%	7.9%	5.2%
Utility interruption	1.2%	1.5%	0.8%	2.0%	1.5%	1.6%	0.7%
Inadequate heating capacity	0.9%	0.5%	1.5%	3.0%	3.8%	1.7%	1.1%
Inadequate insulation	1.1%	0.8%	1.5%	3.2%	3.4%	1.8%	1.1%

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Cost of heating	1.2%	1.2%	1.2%	0.6%	2.1%	1.6%	1.0%
Other	1.6%	1.4%	1.8%	5.3%	2.7%	2.0%	1.7%

SELECTED PHYSICAL
PROBLEMS

Severe Physical Problems(,000)	408	145	264	408	.	99	172
Severe physical problems	1.6%	0.9%	2.6%	100%	.	2.9%	2.0%
Plumbing	1.0%	0.6%	1.6%	61.6%	.	1.7%	1.2%
Heating	0.6%	0.3%	1.0%	37.3%	.	1.2%	0.8%
Electric	<0.1%	<0.1%	<0.1%	0.9%	.	<0.1%	<0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	<0.1%	<0.1%	0.1%	1.7%	.	0.1%	<0.1%
Moderate Physical Problems(,000)	827	199	629	.	827	199	341
Moderate physical problems	3.2%	1.3%	6.2%	.	100%	5.8%	3.9%
Plumbing	0.2%	0.1%	0.3%	.	5.5%	0.2%	0.3%
Heating	0.2%	0.2%	0.3%	.	6.9%	0.5%	0.2%
Upkeep	2.2%	0.6%	4.8%	.	69.1%	3.8%	2.8%
Hallways	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%	<0.1%
Kitchen	0.7%	0.5%	1.0%	.	20.6%	1.4%	0.8%

OVERALL OPINION OF
STRUCTURE

1(worst)	0.3%	0.1%	0.7%	3.0%	2.4%	0.6%	0.4%
2	0.3%	0.1%	0.5%	0.2%	0.8%	0.5%	0.3%
3	0.7%	0.3%	1.2%	3.2%	2.9%	1.6%	0.8%
4	1.0%	0.5%	1.8%	5.7%	2.5%	2.2%	1.1%
5	4.6%	3.1%	6.9%	10.7%	10.4%	7.8%	5.0%
6	5.6%	3.5%	8.7%	8.8%	9.9%	7.6%	6.6%

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7	15.0%	12.9%	18.2%	18.5%	18.5%	16.1%	15.9%
8	27.9%	27.1%	29.1%	20.6%	26.3%	26.3%	29.3%
9	15.9%	18.3%	12.4%	11.4%	7.1%	10.7%	15.4%
10(best)	28.7%	34.1%	20.5%	17.8%	19.3%	26.6%	25.2%

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