

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

<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)	21,066	13,480	7,585	608	838	2,659	6,585
GENERAL							
Owner occupied(,000)	13,480	13,480	.	221	265	840	2,542
Renter occupied(,000)	7,585	.	7,585	387	573	1,818	4,044
Owner occupied	64.0%	100%	<0.1%	36.3%	31.7%	31.6%	38.6%
Renter occupied	36.0%	<0.1%	100%	63.7%	68.3%	68.4%	61.4%
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Units in Structure							
1, detached	54.1%	76.8%	13.7%	29.7%	17.1%	26.9%	21.4%
1, attached	8.7%	9.9%	6.7%	5.2%	7.9%	10.2%	13.3%
2 to 4	13.5%	5.0%	28.7%	22.7%	24.3%	20.0%	23.4%
5 to 9	4.7%	1.0%	11.4%	6.5%	11.2%	8.3%	7.1%
10 to 19	4.1%	0.8%	9.9%	11.8%	7.4%	6.6%	5.5%
20 to 49	4.7%	0.9%	11.6%	9.6%	11.9%	9.6%	10.2%
50 or more	7.3%	2.1%	16.4%	12.6%	16.9%	13.8%	18.8%
Manufactured /mobile home or trailer	2.8%	3.5%	1.6%	1.9%	3.3%	4.7%	0.3%
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Year Structure Built							
Post-2000	6.9%	8.0%	5.1%	3.2%	3.7%	3.6%	3.7%
Post-1980	22.1%	26.6%	14.2%	9.1%	11.2%	15.2%	10.0%
Pre-1980	77.9%	73.4%	85.8%	90.9%	88.8%	84.8%	90.0%
Pre-1960	51.8%	48.2%	58.2%	67.7%	66.3%	56.2%	69.3%
Pre-1940	31.5%	25.9%	41.5%	43.3%	48.6%	38.4%	49.2%

Foundation (for 1-unit not
manufactured)

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1-Unit not manufactured(,000)	13,240	11,691	1,550	212	210	988	2,285
With a basement under all of house	66.5%	66.3%	67.7%	64.4%	69.5%	74.0%	77.7%
With a basement under part of house	17.7%	18.3%	13.1%	13.3%	22.4%	11.6%	12.7%
With a crawl space	5.2%	5.2%	5.4%	8.5%	1.6%	4.0%	2.5%
On a concrete slab	9.9%	9.6%	12.0%	13.0%	6.5%	9.2%	6.7%
In some other way	0.7%	0.6%	1.9%	0.8%	0.1%	1.1%	0.4%
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EXTERIOR							
External Building Conditions(non multiunit)							
Sagging roof	1.8%	1.7%	2.9%	4.0%	15.6%	3.2%	2.5%
Missing roofing material	3.3%	3.1%	4.9%	6.7%	20.8%	4.6%	4.7%
Hole in roof	1.7%	1.5%	3.8%	5.3%	18.7%	3.6%	3.6%
Missing bricks, siding, other outside wall material	2.8%	2.6%	4.6%	8.2%	24.2%	7.1%	4.7%
Sloping outside walls	1.1%	0.9%	2.1%	4.5%	14.1%	2.2%	1.5%
Boarded up windows	0.8%	0.7%	1.6%	2.2%	11.7%	2.5%	1.8%
Broken windows	3.6%	3.4%	5.5%	6.0%	29.7%	7.1%	4.8%
Bars on windows	2.2%	2.1%	3.3%	2.1%	4.8%	4.6%	10.3%
Foundation crumbling or has open crack or hole	6.2%	5.9%	8.0%	11.7%	31.9%	10.2%	8.4%
None of the above	82.9%	83.9%	75.4%	69.3%	31.8%	69.3%	71.3%
None of the above(excluding bars)	84.4%	85.3%	77.9%	70.3%	32.6%	73.0%	78.5%
Water Leakage During Last 12 Months							
With leakage from outside structure	16.7%	18.8%	12.9%	20.2%	40.9%	16.7%	16.4%
Roof	8.0%	9.2%	5.8%	9.8%	20.8%	7.9%	7.8%

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Basement leak	5.6%	7.5%	2.3%	4.0%	11.5%	4.5%	4.0%
Walls, closed windows, or doors leak	3.6%	3.1%	4.4%	5.4%	14.1%	4.5%	4.9%
Other or Unknown exterior Leak	1.5%	1.5%	1.6%	3.5%	4.8%	1.4%	2.0%
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INTERIOR							
Damage							
Holes in floors	1.3%	0.8%	2.1%	7.4%	12.1%	2.2%	2.1%
Open cracks or holes	6.1%	4.4%	9.1%	19.8%	40.1%	11.2%	9.1%
Broken plaster or peeling paint	3.0%	1.9%	4.9%	9.4%	28.9%	5.7%	5.3%
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Water Leakage During Last 12 Months							
With leakage from inside structure	9.2%	7.6%	12.0%	18.0%	35.0%	12.8%	12.6%
Fixtures backed up or overflowed	1.8%	1.8%	1.9%	3.8%	9.8%	2.4%	2.5%
Pipes leaked	4.4%	3.3%	6.3%	10.4%	18.6%	6.6%	6.9%
Broken water heater	0.7%	0.8%	0.6%	0.4%	2.0%	1.0%	0.6%
Other or Unknown	2.6%	1.9%	4.0%	5.5%	7.5%	3.5%	3.4%
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Rodents							
Signs of rats in last 3 mon.	0.8%	0.3%	1.6%	2.7%	4.4%	1.6%	1.8%
Signs of mice in last 3 mon.	18.1%	18.2%	17.9%	27.4%	34.6%	23.1%	20.0%
Signs of rodents, not sure which kind in last 3 mon.	0.4%	0.3%	0.6%	0.9%	1.1%	0.7%	0.5%
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Electrical							

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No electrical wiring	0.2%	0.1%	0.3%	3.3%	0.2%	0.4%	0.2%
Exposed wiring	1.4%	1.0%	2.2%	4.3%	1.9%	1.8%	1.6%
Rooms without electric outlets	0.9%	0.6%	1.5%	5.7%	2.7%	1.3%	1.5%
Fuses/breakers blown in last 3 mon.	10.7%	10.7%	10.7%	15.3%	19.0%	8.5%	10.2%
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Sanitation							
Lacking complete kitchen facilities	2.4%	0.7%	5.4%	10.1%	53.1%	5.5%	4.6%
Lacking some or all plumbing facilities	1.9%	1.2%	3.2%	66.7%	<0.1%	2.7%	3.7%
Water not safe to drink	7.2%	5.3%	10.7%	12.7%	12.4%	13.6%	10.0%
Water stoppage in last 3 mon.	5.3%	5.2%	5.4%	9.9%	9.4%	4.8%	4.2%
No flush toilets working some time in last 3 mon.	2.1%	1.3%	3.5%	7.2%	11.2%	3.2%	2.7%
With sewage disposal breakdowns in last 3 mon.	1.4%	1.2%	1.6%	4.4%	3.9%	1.9%	1.7%
Septic tank, cesspool, chemical toilet	20.2%	27.9%	6.3%	11.3%	10.2%	11.6%	0.8%
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	0.4%	0.2%	1.2%	1.3%	0.7%	<0.1%
HEATING/FUEL							
Main Heating Equipment							
Warm-air furnace	44.1%	49.0%	35.2%	32.3%	31.8%	39.0%	33.3%
Steam or hot water system	43.8%	40.6%	49.4%	51.1%	52.9%	45.8%	57.2%
Electric heat pump	2.0%	2.2%	1.5%	1.6%	1.1%	1.0%	1.1%
Built-in electric units	6.2%	4.3%	9.6%	6.0%	6.2%	9.2%	5.0%
Floor, wall, or other built-in hot air without ducts	1.7%	1.3%	2.5%	3.8%	1.3%	2.0%	2.0%
Room heaters with flue	0.6%	0.5%	0.8%	1.1%	1.8%	1.2%	0.8%

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Room heaters without flue	0.1%	0.1%	0.2%	<0.1%	3.3%	0.1%	0.1%
Portable electric heaters	0.1%	<0.1%	0.2%	0.5%	0.8%	0.5%	0.2%
Stoves	1.0%	1.4%	0.1%	3.1%	0.6%	0.5%	<0.1%
Fireplace with inserts	0.1%	0.1%	<0.1%	0.6%	0.3%	0.1%	<0.1%
Fireplace without inserts	<0.1%	<0.1%	<0.1%	0.5%	0.3%	0.1%	<0.1%
Other	0.2%	0.3%	0.1%	0.5%	<0.1%	0.3%	0.1%
No heating equipment	<0.1%	<0.1%	<0.1%	2.3%	0.4%	<0.1%	<0.1%
Cooking stove	0.1%	<0.1%	0.2%	0.6%	0.3%	0.2%	0.2%
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Water Heating Fuel							
Electricity	23.6%	23.4%	24.0%	19.1%	19.8%	26.5%	12.5%
Gas, LP/bottled gas	54.2%	54.4%	53.8%	57.0%	54.3%	52.5%	62.5%
Fuel oil	21.6%	21.5%	21.9%	22.3%	25.3%	20.7%	24.8%
Kerosene or other liquid fuel	<0.1%	0.1%	<0.1%	<0.1%	0.3%	<0.1%	<0.1%
Other	0.5%	0.6%	0.2%	1.6%	0.7%	0.3%	0.2%
Clothes Dryer,(,000)	14,814	12,319	2,494	247	332	1,251	2,740
Have Clothes Dryer	70.3%	91.4%	32.9%	40.6%	39.6%	47.0%	41.6%
Electricity	69.3%	67.8%	76.7%	72.5%	74.3%	75.3%	62.1%
Gas, LP gas (liquid propane)	30.6%	32.1%	23.2%	27.5%	25.7%	24.5%	37.8%
Other	0.1%	0.1%	0.1%	<0.1%	<0.1%	0.2%	0.1%
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Heating Problems							
Uncomfortably cold for 24 hours or more last winter	11.4%	9.0%	16.3%	45.2%	29.2%	18.8%	14.0%
Heating equipment breakdowns	3.3%	2.4%	4.9%	31.5%	7.2%	6.7%	4.7%
Other causes	7.4%	6.3%	9.2%	13.3%	20.3%	10.6%	8.2%
Utility interruption	2.1%	2.7%	1.2%	0.6%	1.9%	1.4%	0.9%
Inadequate heating capacity	1.7%	0.7%	3.3%	6.7%	6.7%	3.9%	3.5%
Inadequate insulation	1.4%	0.8%	2.4%	4.7%	6.8%	3.1%	2.2%

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Cost of heating	1.3%	1.2%	1.6%	1.7%	3.4%	1.4%	0.9%
Other	1.6%	1.3%	2.0%	2.1%	5.0%	1.9%	2.0%

SELECTED PHYSICAL
PROBLEMS

Severe Physical Problems(,000)	608	221	387	608	.	122	350
Severe physical problems	2.9%	1.6%	5.1%	100%	.	4.6%	5.3%
Plumbing	1.9%	1.2%	3.2%	66.7%	.	2.7%	3.7%
Heating	0.9%	0.3%	1.8%	29.6%	.	1.8%	1.6%
Electric	0.1%	0.1%	0.1%	3.4%	.	0.1%	<0.1%
Hallways	<0.1%	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%
Upkeep	0.1%	<0.1%	0.1%	2.4%	.	<0.1%	0.1%
Moderate Physical Problems(,000)	838	265	573	.	838	240	475
Moderate physical problems	4.0%	2.0%	7.5%	.	100%	9.0%	7.2%
Plumbing	0.3%	0.1%	0.5%	.	6.5%	0.7%	0.5%
Heating	0.1%	0.1%	0.2%	.	3.3%	0.1%	0.1%
Upkeep	2.1%	0.7%	4.7%	.	53.1%	4.6%	3.9%
Hallways	<0.1%	<0.1%	<0.1%	.	<0.1%	<0.1%	<0.1%
Kitchen	1.7%	1.1%	2.7%	.	42.4%	4.2%	3.2%

OVERALL OPINION OF
STRUCTURE

1(worst)	0.6%	0.2%	1.3%	5.0%	2.8%	1.4%	1.2%
2	0.5%	0.2%	1.1%	1.9%	3.3%	1.5%	0.8%
3	0.7%	0.4%	1.3%	2.4%	2.6%	2.1%	1.3%
4	0.9%	0.6%	1.5%	2.4%	3.0%	2.8%	1.3%
5	4.7%	3.2%	7.2%	7.2%	14.1%	9.4%	6.7%
6	4.7%	3.7%	6.5%	7.0%	9.2%	6.3%	6.2%

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7	13.3%	11.6%	16.4%	14.9%	17.0%	12.9%	15.3%
8	26.6%	26.7%	26.4%	26.3%	18.0%	21.2%	26.7%
9	16.2%	18.1%	12.9%	12.6%	10.9%	12.4%	14.6%
10(best)	31.8%	35.4%	25.4%	20.4%	19.2%	29.9%	26.0%

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