

**American Housing Survey - Selected Elements Related to Healthy Homes  
Cleveland, OH in 2011 and 2004**

*2004 is only reported if >=5% (relative) and 0.1% (absolute) different from*

*2011 (otherwise "-" is listed).*

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Total Occupied Units(,000)	859	769	587	546	273	224	19	14	23	29	142	106	174	174
<b>GENERAL</b>														
Owner occupied(,000)	587	546	587	546	.	.	7	9	7	11	55	40	85	87
Renter occupied(,000)	273	224	.	.	273	224	12	5	16	18	87	66	90	87
Owner occupied	68.2%	-	100%	-	.	.	35.1%	65.0%	29.0%	38.5%	38.8%	-	48.6%	-
Renter occupied	31.8%	29.1%	.	.	100%	-	64.9%	35.0%	71.0%	61.5%	61.2%	-	51.4%	-
<b>Units in Structure</b>														
1, detached	72.1%	-	90.1%	-	33.4%	24.7%	68.8%	58.4%	36.8%	42.3%	50.6%	46.6%	65.0%	57.6%
1, attached	3.9%	-	4.1%	-	3.5%	6.7%	2.1%	-	1.1%	-	2.9%	5.4%	2.5%	5.7%
2 to 4	7.0%	8.0%	2.3%	-	17.0%	21.0%	6.4%	17.5%	9.3%	22.8%	14.9%	-	15.9%	20.6%
5 to 9	3.8%	-	0.1%	-	11.8%	10.1%	1.9%	-	18.3%	5.5%	9.8%	6.7%	3.8%	-
10 to 19	3.6%	-	0.6%	-	10.0%	12.6%	1.4%	-	8.1%	7.6%	4.4%	7.1%	2.6%	-
20 to 49	2.5%	-	0.6%	-	6.7%	4.8%	8.1%	5.0%	3.0%	-	6.4%	2.3%	3.0%	-
50 or more	6.2%	-	1.0%	-	17.3%	19.8%	11.3%	6.5%	23.4%	11.9%	9.1%	15.3%	7.3%	-
Manufactured /mobile home or trailer	1.0%	-	1.3%	-	0.3%	-	<0.1%	4.9%	<0.1%	1.6%	1.9%	-	<0.1%	0.4%
<b>Year Structure Built</b>														
Post-2000	5.5%	2.9%	6.5%	3.7%	3.2%	-	1.2%	-	0.6%	-	2.8%	-	0.8%	-
Post-1980	17.5%	-	21.1%	-	9.8%	-	5.0%	16.7%	4.7%	6.1%	9.1%	-	3.1%	-
Pre-1980	82.5%	-	78.9%	-	90.2%	-	95.0%	83.3%	95.3%	-	90.9%	-	96.9%	-
Pre-1960	53.7%	-	53.9%	-	53.5%	57.7%	64.5%	60.8%	44.2%	78.0%	67.8%	-	82.4%	-
Pre-1940	24.5%	27.9%	21.8%	24.5%	30.4%	36.3%	50.2%	43.4%	29.3%	50.5%	34.2%	42.7%	55.4%	60.9%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	653	580	552	510	101	70	13	9	9	14	76	55	118	110
With a basement under all of house	64.9%	68.4%	64.5%	67.9%	67.0%	71.4%	89.2%	82.6%	75.6%	71.1%	75.6%	-	77.5%	83.2%
With a basement under part of house	16.8%	-	18.0%	-	10.3%	-	4.6%	12.2%	9.4%	17.5%	6.3%	9.2%	13.6%	9.1%
With a crawl space	4.9%	-	4.6%	-	6.1%	7.3%	1.2%	-	2.6%	-	7.6%	4.9%	3.7%	-
On a concrete slab	12.7%	10.3%	12.0%	10.3%	16.3%	10.2%	4.9%	-	12.4%	9.7%	10.2%	6.5%	5.1%	2.8%
In some other way	0.8%	-	0.8%	-	0.3%	-	<0.1%	-	<0.1%	-	0.2%	-	0.1%	-
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<b>EXTERIOR</b>														
External Building Conditions(non multiunit)														
Sagging roof	1.3%	-	1.3%	-	1.6%	-	1.0%	-	1.6%	13.7%	0.2%	-	3.3%	-
Missing roofing material	3.4%	-	3.7%	-	1.7%	7.6%	5.6%	7.8%	7.3%	16.4%	1.3%	5.9%	6.4%	8.7%
Hole in roof	1.7%	-	1.7%	-	1.5%	-	1.0%	7.8%	7.8%	13.4%	2.2%	-	5.4%	3.4%
Missing bricks, siding, other outside wall material	2.2%	-	2.0%	-	3.6%	-	23.1%	4.9%	8.0%	12.7%	6.1%	4.4%	2.8%	-
Sloping outside walls	1.0%	-	1.0%	-	1.0%	-	1.0%	-	9.7%	6.7%	0.5%	-	2.2%	-
Boarded up windows	0.3%	-	0.2%	-	0.5%	-	<0.1%	2.7%	1.7%	6.6%	0.4%	-	0.5%	-
Broken windows	4.4%	-	3.7%	-	8.1%	-	45.6%	4.8%	12.4%	22.2%	13.4%	6.1%	7.3%	-
Bars on windows	2.7%	-	2.6%	-	3.2%	-	13.7%	6.0%	4.7%	-	3.5%	6.4%	13.2%	8.2%
Foundation crumbling or has open crack or hole	6.6%	3.2%	5.4%	2.6%	13.7%	8.0%	55.5%	4.9%	33.5%	26.7%	10.6%	6.5%	10.5%	5.9%
None of the above	83.3%	-	84.7%	-	75.7%	70.3%	24.9%	70.8%	48.6%	34.6%	76.0%	-	65.9%	-
None of the above(excluding bars)	85.0%	-	86.2%	-	78.4%	72.6%	26.9%	73.3%	51.8%	36.2%	77.0%	-	73.9%	-

<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>	
	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
	Water Leakage During Last 12 Months													
With leakage from outside structure	15.6%	17.1%	16.8%	18.3%	13.1%	14.4%	49.1%	36.1%	44.6%	47.7%	13.7%	17.6%	17.3%	23.6%
Roof	7.0%	-	8.3%	7.8%	4.2%	5.4%	13.8%	16.6%	18.3%	29.3%	4.9%	5.1%	6.3%	8.2%
Basement leak	6.8%	10.2%	7.6%	11.4%	5.1%	7.4%	32.2%	25.7%	6.4%	26.9%	6.8%	10.3%	10.3%	16.5%
Walls, closed windows, or doors leak	2.7%	-	1.7%	-	4.9%	-	20.9%	12.4%	26.1%	11.6%	3.2%	6.1%	2.8%	-
Other or Unknown exterior Leak	1.1%	-	1.1%	-	1.2%	-	0.8%	7.9%	1.3%	13.6%	0.4%	-	0.4%	-
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<b>INTERIOR</b>														
<b>Damage</b>														
Holes in floors	0.8%	-	0.3%	-	2.0%	-	11.5%	7.9%	11.3%	-	3.1%	-	0.6%	-
Open cracks or holes	5.7%	6.6%	4.7%	5.4%	7.9%	9.6%	33.1%	25.4%	34.0%	46.9%	11.3%	13.1%	10.0%	12.6%
Broken plaster or peeling paint	1.9%	-	1.7%	-	2.5%	-	18.0%	21.0%	13.1%	32.7%	2.3%	-	3.8%	6.3%
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Water Leakage During Last 12 Months														
With leakage from inside structure	9.3%	-	8.8%	7.6%	10.6%	13.6%	38.9%	19.6%	44.3%	35.0%	11.8%	10.8%	9.3%	12.2%
Fixtures backed up or overflowed	2.8%	-	3.1%	-	2.1%	-	23.0%	4.2%	13.1%	19.1%	2.0%	-	4.1%	-
Pipes leaked	3.0%	-	1.7%	-	5.9%	7.7%	14.3%	17.9%	26.7%	22.8%	6.3%	-	2.9%	6.1%
Broken water heater	1.1%	-	1.6%	-	<0.1%	-	<0.1%	-	2.1%	-	0.5%	-	0.3%	-
Other or Unknown	3.2%	-	2.7%	-	4.3%	-	12.9%	3.9%	13.7%	7.6%	4.6%	-	2.5%	-
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<b>Rodents</b>														
Signs of rats in last 3 mon.	0.4%	-	0.2%	-	0.8%	-	<0.1%	6.9%	0.6%	-	0.2%	-	0.5%	-

<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>	
	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Signs of mice in last 3 mon.	9.9%	5.9%	10.1%	6.1%	9.5%	5.6%	36.7%	14.6%	23.2%	12.1%	7.9%	8.9%	14.9%	6.4%
Signs of rodents, not sure which kind in last 3 mon.	0.7%	-	0.3%	-	1.5%	-	12.5%	<0.1%	<0.1%	-	2.8%	-	0.3%	-
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Electrical														
No electrical wiring	0.1%	-	0.1%	-	<0.1%	0.2%	3.8%	16.1%	<0.1%	0.6%	0.2%	-	<0.1%	-
Exposed wiring	1.6%	-	1.2%	-	2.5%	-	13.5%	1.8%	13.6%	3.1%	1.9%	-	1.7%	-
Rooms without electric outlets	1.0%	-	0.9%	-	1.2%	-	13.5%	22.8%	3.2%	5.3%	1.5%	-	2.5%	-
Fuses/breakers blown in last 3 mon.	9.0%	-	8.4%	-	10.3%	-	32.2%	20.9%	15.8%	-	8.7%	10.9%	9.4%	11.7%
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Sanitation														
Lacking complete kitchen facilities	1.6%	-	0.4%	-	4.0%	-	3.4%	23.8%	55.7%	46.0%	4.4%	5.5%	2.9%	-
Lacking some or all plumbing facilities	1.0%	-	0.6%	-	1.7%	-	46.1%	41.9%	<0.1%	-	0.6%	-	0.8%	-
Water not safe to drink	3.6%	5.6%	3.4%	-	3.9%	7.6%	13.7%	6.4%	1.3%	13.4%	4.0%	8.6%	2.5%	9.2%
Water stoppage in last 3 mon.	2.9%	-	2.0%	-	4.6%	5.6%	12.0%	1.7%	0.7%	7.2%	3.4%	-	4.9%	-
No flush toilets working some time in last 3 mon.	1.4%	-	1.0%	-	2.1%	-	12.0%	9.8%	14.3%	7.3%	2.9%	-	2.0%	-
With sewage disposal breakdowns in last 3 mon.	1.5%	-	1.6%	-	1.3%	-	8.3%	3.3%	1.9%	5.4%	0.8%	-	3.3%	-
Septic tank, cesspool, chemical toilet	7.8%	11.1%	9.9%	14.2%	3.2%	-	6.4%	27.4%	10.7%	5.9%	1.8%	5.7%	0.2%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.2%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	83.8%	-	86.4%	-	78.2%	72.8%	72.6%	64.3%	81.4%	70.7%	79.6%	-	87.5%	82.8%

<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>	
	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Steam or hot water system	9.5%	-	7.9%	7.2%	13.0%	16.4%	12.8%	-	10.4%	19.2%	12.4%	-	8.1%	9.8%
Electric heat pump	2.1%	-	2.9%	-	0.4%	-	0.9%	-	<0.1%	1.7%	1.1%	-	0.1%	-
Built-in electric units	3.2%	-	1.8%	-	6.3%	5.8%	0.9%	-	7.5%	2.2%	6.0%	4.9%	2.3%	-
Floor, wall, or other built-in hot air without ducts	0.8%	-	0.5%	-	1.6%	-	<0.1%	3.0%	0.7%	-	0.5%	-	0.7%	-
Room heaters with flue	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	1.7%	<0.1%	-	<0.1%	0.2%	0.2%	-
Room heaters without flue	0.2%	-	0.3%	-	<0.1%	0.2%	8.2%	0.1%	<0.1%	2.4%	<0.1%	0.5%	0.9%	-
Portable electric heaters	0.1%	-	0.1%	-	0.2%	-	0.9%	-	<0.1%	-	0.1%	-	0.3%	-
Stoves	0.2%	-	0.2%	-	0.1%	-	3.8%	9.5%	<0.1%	0.7%	0.2%	-	<0.1%	-
Fireplace with inserts	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Fireplace without inserts	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	4.8%	<0.1%	-	<0.1%	0.6%	<0.1%	0.8%
No heating equipment	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	0.8%	<0.1%	-	<0.1%	-
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<b>Water Heating Fuel</b>														
Electricity	16.1%	-	13.7%	-	21.3%	-	19.0%	14.6%	12.5%	-	16.7%	21.8%	11.5%	14.3%
Gas, LP/bottled gas	83.5%	-	85.9%	-	78.5%	-	76.9%	67.2%	86.8%	-	83.3%	77.8%	88.5%	-
Fuel oil	0.2%	-	0.2%	-	<0.1%	0.2%	1.6%	-	<0.1%	0.7%	<0.1%	-	<0.1%	-
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	6.8%	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.2%	-	0.1%	-	0.2%	-	2.6%	9.9%	0.7%	-	<0.1%	0.4%	<0.1%	-
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Clothes Dryer,(000)	684	623	564	526	121	96	13	8	9	15	82	59	116	119
Have Clothes Dryer	79.6%	-	96.2%	-	44.1%	-	68.2%	53.6%	36.9%	51.5%	58.0%	-	66.3%	-
Electricity	70.1%	66.2%	68.6%	64.2%	77.2%	-	68.5%	88.1%	68.8%	74.3%	68.6%	-	76.2%	70.4%
Gas, LP gas (liquid propane)	29.9%	33.6%	31.4%	35.7%	22.8%	-	31.5%	8.9%	31.2%	25.7%	31.4%	-	23.8%	29.0%
Other	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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<b>Heating Problems</b>														

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	Uncomfortably cold for 24 hours or more last winter	11.3%	12.8%	9.8%	11.7%	15.1%	16.1%	63.7%	47.7%	26.1%	33.7%	14.9%	17.1%	14.9%
Heating equipment breakdowns	3.2%	-	2.6%	-	4.4%	-	49.9%	36.2%	1.9%	6.9%	4.8%	-	3.9%	-
Other causes	7.3%	8.6%	7.0%	8.2%	8.0%	9.5%	6.4%	9.7%	21.1%	24.2%	9.1%	10.9%	9.6%	11.9%
Utility interruption	2.4%	-	2.8%	-	1.5%	-	1.1%	-	8.2%	2.2%	2.7%	-	3.4%	-
Inadequate heating capacity	1.0%	-	0.3%	-	2.5%	-	3.9%	5.1%	2.8%	8.9%	1.2%	-	1.5%	-
Inadequate insulation	1.9%	-	1.3%	-	3.2%	-	2.1%	-	7.8%	13.5%	3.4%	5.4%	3.8%	5.3%
Cost of heating	1.7%	-	1.7%	-	1.7%	-	0.9%	-	7.3%	4.9%	1.4%	-	1.8%	-
Other	1.3%	-	1.4%	-	1.2%	-	2.4%	-	1.6%	8.9%	1.9%	-	0.7%	-
<b>SELECTED PHYSICAL PROBLEMS</b>														
Severe Physical Problems(,000)	19	14	7	9	12	5	19	14	.	.	6	2	4	5
Severe physical problems	2.2%	-	1.1%	-	4.4%	-	100%	-	.	.	4.1%	-	2.4%	-
Plumbing	1.0%	-	0.6%	-	1.7%	-	46.1%	41.9%	.	.	0.6%	-	0.8%	-
Heating	1.1%	-	0.4%	-	2.6%	-	49.9%	36.2%	.	.	3.5%	-	1.4%	-
Electric	0.1%	-	0.1%	-	0.1%	-	5.2%	19.2%	.	.	0.2%	-	0.2%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	6.0%	.	.	<0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	23	29	7	11	16	18	.	.	23	29	8	10	8	16
Moderate physical problems	2.7%	-	1.1%	-	6.0%	8.0%	.	.	100%	-	5.6%	9.1%	4.7%	9.4%
Plumbing	0.3%	-	0.3%	-	0.3%	-	.	.	11.7%	0.7%	0.2%	-	1.3%	-
Heating	<0.1%	-	<0.1%	-	<0.1%	0.2%	.	.	<0.1%	2.4%	<0.1%	0.5%	<0.1%	0.3%
Upkeep	1.5%	-	0.3%	-	4.0%	-	.	.	55.7%	46.0%	4.3%	-	2.8%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	0.6%	<0.1%	0.2%	<0.1%	-
Kitchen	1.1%	-	0.8%	-	1.9%	-	.	.	41.3%	50.2%	1.3%	-	1.6%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	OVERALL OPINION OF STRUCTURE													
1(worst)	0.7%	-	0.4%	-	1.5%	-	9.1%	1.6%	1.2%	-	2.8%	-	2.5%	-
2	0.1%	-	0.1%	-	0.1%	-	<0.1%	2.0%	1.2%	-	<0.1%	0.5%	0.2%	-
3	0.5%	-	<0.1%	-	1.5%	-	1.5%	-	<0.1%	6.7%	0.4%	-	0.7%	-
4	0.6%	-	0.5%	-	0.8%	-	1.5%	-	1.3%	-	0.8%	-	0.9%	-
5	4.6%	5.8%	2.4%	-	9.2%	10.5%	16.0%	14.1%	22.8%	9.5%	9.7%	-	9.2%	-
6	5.1%	4.6%	4.3%	-	6.7%	7.7%	11.1%	1.5%	10.1%	11.6%	4.8%	6.4%	7.5%	-
7	13.7%	-	12.6%	-	16.0%	16.8%	24.5%	11.8%	13.0%	21.2%	15.7%	11.9%	15.7%	-
8	29.6%	26.9%	30.0%	27.6%	28.6%	25.1%	21.2%	32.5%	16.4%	20.3%	27.7%	23.6%	25.0%	-
9	15.3%	-	17.3%	15.9%	11.1%	13.6%	2.4%	10.7%	6.0%	11.1%	11.5%	-	11.8%	-
10(best)	29.9%	-	32.4%	35.1%	24.5%	20.4%	12.8%	22.5%	27.9%	11.6%	26.6%	30.8%	26.6%	24.1%

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