

**American Housing Survey - Selected Elements Related to Healthy Homes
Columbus, OH in 2011 and 2002**

2002 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	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
Total Occupied Units(,000)	683	613	389	401	293	212	13	9	25	21	106	62	391	295
GENERAL														
Owner occupied(,000)	389	401	389	401	.	.	5	5	9	6	27	19	175	154
Renter occupied(,000)	293	212	.	.	293	212	9	5	16	15	80	43	216	141
Owner occupied	57.0%	65.5%	100%	-	.	.	34.0%	48.9%	34.8%	28.4%	24.9%	30.5%	44.8%	52.3%
Renter occupied	43.0%	34.5%	.	.	100%	-	66.0%	51.1%	65.2%	71.6%	75.1%	69.5%	55.2%	47.7%
Units in Structure														
1, detached	60.1%	65.6%	89.1%	-	21.7%	19.2%	20.9%	47.7%	32.9%	29.1%	29.6%	39.7%	49.5%	52.0%
1, attached	10.8%	15.3%	5.7%	4.6%	17.5%	35.5%	7.3%	19.5%	3.3%	15.2%	10.1%	19.5%	14.2%	21.7%
2 to 4	9.9%	6.1%	1.2%	-	21.4%	15.3%	20.5%	9.1%	23.9%	17.6%	18.2%	12.2%	12.1%	8.7%
5 to 9	7.6%	4.4%	0.3%	-	17.2%	12.0%	6.2%	8.5%	17.2%	16.2%	15.7%	10.5%	9.7%	7.2%
10 to 19	5.0%	-	0.1%	-	11.5%	8.2%	3.0%	5.4%	4.3%	12.8%	9.8%	5.6%	7.0%	5.0%
20 to 49	2.7%	-	0.1%	-	6.3%	4.9%	0.9%	-	1.6%	-	5.8%	4.9%	3.9%	-
50 or more	1.9%	-	0.2%	-	4.1%	-	26.6%	0.1%	8.2%	0.7%	7.1%	2.7%	2.6%	-
Manufactured /mobile home or trailer	2.1%	-	3.4%	-	0.4%	-	14.7%	8.3%	8.6%	5.5%	3.7%	-	0.9%	-
Year Structure Built														
Post-2000	12.3%	4.9%	14.8%	6.2%	9.1%	2.6%	2.3%	-	2.2%	-	8.1%	2.3%	13.3%	4.3%
Post-1980	38.5%	35.6%	41.8%	39.2%	34.0%	28.7%	32.0%	17.7%	28.3%	23.2%	29.4%	21.9%	38.8%	33.9%
Pre-1980	61.5%	-	58.2%	-	66.0%	71.3%	68.0%	82.3%	71.7%	76.8%	70.6%	78.1%	61.2%	66.1%
Pre-1960	29.4%	31.2%	27.9%	31.3%	31.4%	-	51.3%	42.7%	46.9%	41.8%	33.7%	38.5%	30.8%	-
Pre-1940	15.3%	-	14.1%	-	17.0%	-	43.9%	27.3%	33.6%	30.2%	16.3%	17.4%	16.3%	14.4%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	484	496	369	380	115	116	4	6	9	9	42	37	249	217
With a basement under all of house	50.7%	-	48.6%	51.2%	57.4%	39.1%	66.9%	59.2%	69.6%	62.3%	51.7%	48.8%	55.6%	50.3%
With a basement under part of house	30.6%	25.6%	36.6%	30.5%	11.3%	9.7%	8.5%	22.9%	18.6%	17.0%	15.3%	12.6%	27.3%	21.8%
With a crawl space	5.1%	7.2%	4.8%	7.5%	6.3%	-	11.1%	12.6%	4.7%	-	5.9%	8.3%	2.5%	-
On a concrete slab	12.8%	16.1%	9.6%	8.7%	23.3%	40.3%	13.5%	2.7%	5.8%	13.4%	26.2%	27.6%	14.1%	20.6%
In some other way	0.8%	-	0.5%	-	1.8%	-	<0.1%	2.5%	1.3%	-	0.9%	-	0.5%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.7%	-	1.3%	-	3.1%	-	9.6%	11.5%	26.0%	11.2%	2.5%	-	2.5%	-
Missing roofing material	4.6%	-	4.2%	-	6.1%	5.8%	7.9%	13.6%	31.0%	24.4%	3.2%	9.3%	6.5%	3.6%
Hole in roof	0.9%	-	0.7%	-	1.6%	-	2.4%	8.5%	6.6%	24.3%	1.5%	-	1.0%	-
Missing bricks, siding, other outside wall material	2.3%	-	2.2%	-	2.6%	5.0%	4.6%	8.5%	26.9%	20.6%	4.1%	7.3%	2.5%	-
Sloping outside walls	0.9%	-	0.4%	-	2.6%	-	2.3%	-	2.4%	14.0%	1.9%	-	0.9%	-
Boarded up windows	0.9%	-	0.4%	-	2.6%	-	2.4%	-	1.1%	12.3%	1.7%	-	1.4%	-
Broken windows	2.5%	-	2.3%	-	3.4%	6.2%	2.4%	8.6%	15.0%	13.8%	5.7%	8.8%	2.0%	-
Bars on windows	1.2%	-	1.2%	-	1.1%	-	2.4%	-	2.6%	-	3.5%	-	2.0%	-
Foundation crumbling or has open crack or hole	8.5%	3.6%	7.0%	3.2%	13.3%	4.8%	11.9%	4.0%	36.2%	23.4%	10.5%	8.6%	9.2%	4.6%
None of the above	82.4%	-	84.1%	-	76.9%	-	77.8%	70.9%	43.9%	-	76.1%	-	80.3%	-
None of the above(excluding bars)	83.3%	-	85.1%	-	77.5%	-	77.8%	-	46.5%	-	78.3%	-	81.9%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	12.7%	16.0%	14.4%	16.6%	10.4%	14.9%	9.9%	24.0%	45.0%	37.8%	11.4%	13.3%	12.9%	15.6%
Roof	4.8%	6.7%	6.2%	7.0%	2.9%	6.2%	2.8%	13.6%	13.5%	22.1%	2.7%	6.3%	4.1%	5.5%
Basement leak	5.2%	8.5%	6.0%	9.1%	4.2%	7.4%	3.1%	12.3%	14.5%	23.2%	5.0%	5.8%	6.0%	8.7%
Walls, closed windows, or doors leak	2.9%	-	2.5%	-	3.6%	-	5.0%	7.8%	12.8%	12.1%	3.5%	-	3.0%	-
Other or Unknown exterior Leak	1.0%	-	1.1%	-	0.7%	-	1.9%	-	9.8%	2.9%	0.9%	-	1.1%	-
INTERIOR														
Damage														
Holes in floors	0.3%	-	0.3%	-	0.4%	-	3.0%	-	3.2%	10.7%	0.7%	-	0.4%	-
Open cracks or holes	5.7%	6.6%	6.2%	5.1%	4.9%	9.5%	7.2%	20.4%	47.6%	41.9%	6.8%	10.9%	6.4%	7.4%
Broken plaster or peeling paint	1.7%	-	1.6%	-	1.9%	-	4.1%	13.6%	20.1%	27.9%	3.5%	-	2.4%	-
Water Leakage During Last 12 Months														
With leakage from inside structure	10.0%	-	8.2%	-	12.4%	13.5%	9.6%	25.6%	47.2%	35.8%	14.1%	10.8%	10.7%	11.7%
Fixtures backed up or overflowed	2.1%	-	2.7%	-	1.2%	5.7%	4.2%	12.1%	18.4%	20.7%	1.7%	5.3%	1.8%	-
Pipes leaked	3.9%	-	3.3%	-	4.6%	6.5%	0.9%	15.2%	16.6%	19.8%	5.3%	4.0%	4.1%	5.3%
Broken water heater	1.1%	-	0.6%	-	1.8%	-	<0.1%	-	1.2%	-	0.9%	-	0.9%	-
Other or Unknown	3.2%	-	1.8%	-	5.0%	2.2%	5.2%	6.2%	13.4%	10.9%	6.8%	2.1%	4.1%	-
Rodents														
Signs of rats in last 3 mon.	0.2%	-	0.2%	-	0.2%	-	1.0%	-	1.1%	5.1%	0.6%	-	0.2%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Signs of mice in last 3 mon.	8.5%	6.3%	8.9%	6.6%	8.0%	5.6%	10.3%	14.5%	15.7%	10.6%	10.4%	6.2%	8.0%	5.2%
Signs of rodents, not sure which kind in last 3 mon.	0.6%	-	0.5%	-	0.8%	-	<0.1%	-	<0.1%	2.7%	1.8%	-	0.5%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	-	1.0%	-	<0.1%	-	<0.1%	-	<0.1%	-
Exposed wiring	1.5%	-	1.1%	-	2.1%	-	1.9%	6.3%	3.0%	-	2.6%	-	1.5%	-
Rooms without electric outlets	0.4%	-	0.3%	-	0.4%	-	1.0%	5.1%	1.2%	-	0.8%	-	0.5%	-
Fuses/breakers blown in last 3 mon.	9.7%	15.7%	11.4%	15.8%	7.6%	15.6%	13.5%	27.0%	19.1%	30.9%	7.3%	13.0%	7.9%	16.5%
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Sanitation														
Lacking complete kitchen facilities	2.3%	-	0.2%	-	5.1%	4.1%	28.6%	3.2%	48.5%	51.0%	8.5%	4.8%	3.5%	-
Lacking some or all plumbing facilities	1.6%	-	0.9%	-	2.5%	-	79.4%	62.2%	<0.1%	-	3.9%	-	2.0%	-
Water not safe to drink	5.9%	7.7%	3.0%	6.5%	9.7%	-	18.0%	10.6%	12.5%	13.5%	10.3%	11.3%	6.9%	10.5%
Water stoppage in last 3 mon.	2.1%	-	1.1%	-	3.4%	-	<0.1%	-	3.3%	6.9%	3.6%	-	2.1%	-
No flush toilets working some time in last 3 mon.	2.4%	-	1.9%	-	3.1%	-	3.1%	6.9%	26.9%	10.0%	5.7%	-	3.3%	-
With sewage disposal breakdowns in last 3 mon.	1.2%	-	1.3%	-	1.0%	-	4.5%	-	1.7%	5.1%	2.1%	-	1.4%	-
Septic tank, cesspool, chemical toilet	7.8%	11.5%	12.1%	15.9%	2.2%	-	7.1%	10.8%	2.8%	8.3%	3.1%	10.0%	0.6%	-
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	3.0%	<0.1%	0.8%	<0.1%	0.5%	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	90.5%	-	92.5%	-	87.8%	-	90.8%	84.3%	84.2%	-	84.9%	-	93.1%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
Steam or hot water system	1.2%	-	0.6%	-	1.9%	-	3.2%	5.5%	7.9%	2.3%	3.6%	-	1.5%	-
Electric heat pump	5.1%	6.8%	5.1%	7.0%	5.1%	6.3%	4.0%	-	2.0%	-	3.6%	-	3.8%	6.1%
Built-in electric units	1.8%	-	0.7%	-	3.3%	-	<0.1%	3.5%	1.6%	-	5.5%	4.8%	0.6%	-
Floor, wall, or other built-in hot air without ducts	0.9%	-	0.6%	-	1.4%	-	<0.1%	1.4%	2.7%	-	1.6%	-	0.7%	-
Room heaters with flue	0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	0.7%	0.1%	-	0.1%	-
Room heaters without flue	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	1.0%	-	<0.1%	-	<0.1%	-
Portable electric heaters	0.1%	-	0.1%	-	0.1%	-	1.1%	-	0.6%	-	0.3%	-	0.1%	-
Stoves	0.2%	-	0.3%	-	0.1%	-	1.0%	-	<0.1%	-	<0.1%	0.3%	<0.1%	-
Other	0.1%	-	<0.1%	-	0.2%	-	<0.1%	-	<0.1%	0.7%	0.3%	-	0.1%	-
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Water Heating Fuel														
Electricity	27.2%	32.0%	22.8%	28.7%	33.0%	38.2%	23.2%	35.5%	29.9%	32.8%	33.0%	36.7%	24.8%	27.6%
Gas, LP/bottled gas	72.7%	67.8%	77.1%	71.1%	66.9%	61.6%	76.8%	64.5%	70.1%	-	67.0%	62.6%	75.2%	-
Fuel oil	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	-	<0.1%	-	<0.1%	0.7%	<0.1%	0.2%
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Clothes Dryer(,000)	583	520	383	394	200	126	9	7	16	13	63	36	318	228
Have Clothes Dryer	85.4%	-	98.4%	-	68.1%	59.6%	65.4%	70.0%	62.7%	-	59.1%	-	81.4%	77.2%
Electricity	92.8%	-	91.2%	-	96.0%	-	98.3%	-	89.0%	93.5%	91.8%	-	93.0%	-
Gas, LP gas (liquid propane)	7.2%	10.0%	8.8%	11.0%	4.0%	6.8%	1.7%	6.4%	11.0%	6.5%	8.2%	-	7.0%	11.3%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	13.1%	8.7%	12.0%	6.9%	15.0%	12.4%	48.6%	42.2%	41.5%	20.8%	13.5%	11.8%	12.2%	9.1%
Heating equipment breakdowns	2.8%	-	1.4%	-	4.6%	-	21.5%	34.6%	11.8%	2.7%	3.5%	-	3.3%	-
Other causes	8.4%	5.1%	10.3%	4.0%	5.9%	7.1%	8.3%	13.6%	23.9%	16.7%	6.9%	-	6.5%	5.1%
Utility interruption	4.6%	-	6.6%	1.3%	2.0%	-	3.3%	-	3.4%	-	2.4%	-	2.5%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Inadequate heating capacity	0.8%	-	0.9%	-	0.6%	-	2.1%	7.1%	9.8%	5.4%	1.1%	-	0.4%	-
Inadequate insulation	1.3%	-	1.1%	-	1.6%	-	1.0%	10.4%	3.2%	8.6%	0.8%	-	1.8%	-
Cost of heating	1.1%	-	1.0%	-	1.2%	-	<0.1%	3.4%	9.1%	0.9%	0.6%	-	0.8%	-
Other	1.0%	-	1.1%	-	0.9%	-	3.0%	-	1.1%	5.5%	2.3%	-	1.3%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	13	9	5	5	9	5	13	9	.	.	5	2	10	4
Severe physical problems	2.0%	-	1.2%	-	3.0%	-	100%	-	.	.	5.0%	-	2.5%	-
Plumbing	1.6%	-	0.9%	-	2.5%	-	79.4%	62.2%	.	.	3.9%	-	2.0%	-
Heating	0.4%	-	0.3%	-	0.5%	-	20.5%	29.8%	.	.	1.0%	-	0.5%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	0.2%	1.0%	5.4%	.	.	<0.1%	0.3%	<0.1%	0.2%
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	0.1%	-	<0.1%	-	0.1%	-	3.0%	-	.	.	0.4%	-	0.1%	-
Moderate Physical Problems(,000)	25	21	9	6	16	15	.	.	25	21	7	5	19	14
Moderate physical problems	3.7%	-	2.2%	-	5.6%	7.1%	.	.	100%	-	6.4%	7.3%	4.8%	-
Plumbing	0.3%	-	<0.1%	-	0.7%	-	.	.	8.5%	5.2%	<0.1%	0.3%	0.5%	-
Heating	<0.1%	-	<0.1%	-	<0.1%	-	.	.	1.0%	-	<0.1%	-	<0.1%	-
Upkeep	1.8%	-	0.2%	-	3.9%	-	.	.	48.5%	51.0%	5.2%	4.6%	2.6%	-
Hallways	<0.1%	0.2%	<0.1%	-	<0.1%	0.5%	.	.	<0.1%	5.5%	<0.1%	0.3%	<0.1%	0.3%
Kitchen	1.6%	-	2.0%	-	1.1%	-	.	.	43.7%	-	1.3%	-	1.7%	-
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.6%	-	0.1%	-	1.3%	-	2.1%	-	1.7%	5.8%	3.1%	-	0.9%	-
2	0.1%	-	0.1%	-	0.3%	-	<0.1%	1.8%	0.5%	-	0.4%	-	0.2%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
	3	0.4%	-	0.3%	-	0.6%	-	1.1%	8.5%	0.5%	-	0.8%	-	0.4%
4	0.8%	-	0.8%	-	0.7%	-	2.2%	-	9.7%	3.1%	0.6%	-	0.6%	-
5	4.7%	6.0%	2.3%	-	7.7%	10.4%	1.9%	8.9%	5.9%	18.1%	13.8%	12.3%	5.6%	7.0%
6	5.7%	6.1%	4.0%	-	8.0%	9.7%	4.3%	8.9%	10.8%	6.3%	8.9%	8.1%	6.6%	7.9%
7	17.6%	15.7%	12.1%	-	24.9%	21.9%	5.1%	4.6%	16.5%	21.6%	13.9%	14.7%	20.6%	18.7%
8	27.0%	-	28.1%	-	25.6%	-	26.3%	23.3%	13.9%	-	25.1%	21.9%	28.1%	-
9	16.4%	-	17.8%	-	14.6%	10.8%	20.7%	13.7%	33.0%	11.6%	10.3%	9.6%	14.6%	-
10(best)	26.6%	-	34.4%	31.7%	16.3%	-	36.2%	26.5%	7.4%	13.1%	23.1%	25.6%	22.5%	20.0%

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