

**American Housing Survey - Selected Elements Related to Healthy Homes
Buffalo, NY 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)	464	461	294	314	170	147	10	8	18	21	75	56	60	119
GENERAL														
Owner occupied(,000)	294	314	294	314	.	.	5	4	5	7	23	17	27	50
Renter occupied(,000)	170	147	.	.	170	147	4	4	13	14	52	39	33	69
Owner occupied	63.3%	68.1%	100%	-	.	.	56.2%	50.2%	29.4%	31.5%	30.5%	-	45.2%	42.3%
Renter occupied	36.7%	31.9%	.	.	100%	-	43.8%	49.8%	70.6%	-	69.5%	-	54.8%	57.7%
Units in Structure														
1, detached	63.3%	-	87.4%	-	21.7%	15.8%	29.8%	47.4%	41.3%	34.4%	39.5%	32.1%	44.0%	33.7%
1, attached	2.7%	-	2.5%	-	3.1%	6.1%	0.9%	-	1.9%	-	3.9%	6.3%	2.9%	-
2 to 4	20.7%	22.9%	6.0%	8.7%	46.0%	53.0%	33.5%	25.7%	31.0%	45.6%	33.5%	40.2%	42.2%	50.8%
5 to 9	5.6%	4.7%	0.7%	-	14.3%	-	3.2%	6.0%	6.8%	8.3%	7.4%	11.4%	3.6%	5.3%
10 to 19	1.9%	-	0.1%	-	5.2%	3.6%	1.6%	9.6%	9.8%	5.6%	4.9%	-	2.0%	-
20 to 49	0.8%	-	<0.1%	-	2.0%	-	1.7%	-	<0.1%	3.0%	0.8%	-	1.4%	-
50 or more	2.8%	-	<0.1%	-	7.5%	4.0%	0.9%	6.4%	9.2%	3.1%	5.3%	2.9%	3.9%	-
Manufactured /mobile home or trailer	2.2%	-	3.2%	-	0.3%	-	28.3%	0.1%	<0.1%	-	4.6%	-	<0.1%	-
Year Structure Built														
Post-2000	2.5%	-	2.9%	-	1.9%	-	<0.1%	1.6%	1.0%	-	1.6%	-	0.6%	-
Post-1980	13.9%	12.8%	16.1%	-	10.1%	7.3%	4.5%	6.8%	12.7%	6.2%	8.4%	6.6%	6.0%	2.1%
Pre-1980	86.1%	-	83.9%	-	89.9%	-	95.5%	-	87.3%	93.8%	91.6%	-	94.0%	-
Pre-1960	64.3%	-	60.5%	-	71.0%	-	53.4%	72.3%	77.7%	-	72.0%	77.4%	88.0%	93.9%
Pre-1940	36.8%	40.0%	28.9%	32.0%	50.3%	57.1%	20.9%	50.2%	60.4%	-	47.9%	59.9%	71.0%	84.8%

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)	306	309	264	277	42	32	3	4	8	7	33	22	28	44
With a basement under all of house	72.0%	-	72.7%	-	67.6%	59.4%	73.4%	62.9%	60.1%	74.5%	70.9%	-	74.9%	-
With a basement under part of house	17.9%	16.1%	18.8%	16.7%	12.6%	10.7%	14.1%	25.1%	26.6%	14.9%	14.4%	16.2%	10.5%	12.1%
With a crawl space	6.6%	5.7%	5.7%	5.2%	11.9%	10.4%	6.1%	4.7%	8.4%	6.5%	9.8%	7.0%	10.3%	-
On a concrete slab	3.1%	-	2.5%	-	6.7%	17.1%	6.4%	7.4%	2.6%	-	4.3%	8.8%	2.8%	-
In some other way	0.4%	-	0.3%	-	1.2%	-	<0.1%	-	2.3%	-	0.6%	-	1.4%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.5%	-	1.0%	-	4.9%	7.6%	5.3%	4.7%	23.7%	21.1%	7.0%	4.9%	3.0%	-
Missing roofing material	4.9%	6.2%	4.2%	5.9%	9.8%	8.3%	7.8%	4.7%	27.8%	32.2%	7.7%	8.1%	8.6%	6.6%
Hole in roof	1.4%	-	0.7%	-	5.7%	-	8.1%	<0.1%	25.7%	16.1%	5.8%	4.2%	4.4%	-
Missing bricks, siding, other outside wall material	2.7%	-	2.1%	-	6.7%	9.9%	5.6%	4.7%	7.2%	34.5%	6.8%	5.6%	4.1%	7.4%
Sloping outside walls	1.6%	-	1.6%	-	1.1%	6.0%	<0.1%	4.7%	3.5%	8.9%	0.7%	-	2.2%	-
Boarded up windows	0.4%	-	0.3%	-	1.4%	-	<0.1%	4.7%	0.9%	12.8%	1.3%	-	3.1%	-
Broken windows	4.0%	-	3.2%	-	9.1%	-	4.9%	8.6%	30.5%	27.0%	8.5%	5.8%	9.3%	8.6%
Bars on windows	2.1%	-	1.6%	-	5.3%	2.8%	1.5%	-	1.2%	-	6.1%	4.2%	9.3%	12.3%
Foundation crumbling or has open crack or hole	7.2%	5.5%	6.2%	5.3%	13.2%	7.4%	12.4%	4.7%	11.7%	27.1%	12.3%	4.6%	8.3%	6.8%
None of the above	81.9%	-	84.2%	79.6%	67.0%	-	70.3%	87.0%	60.4%	29.1%	71.2%	77.1%	67.9%	64.4%
None of the above(excluding bars)	83.1%	-	85.0%	-	71.4%	-	71.8%	91.4%	60.4%	29.1%	76.1%	80.0%	74.1%	-

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
	Water Leakage During Last 12 Months													
With leakage from outside structure	16.8%	20.4%	20.4%	23.6%	10.5%	13.5%	55.7%	21.1%	47.6%	28.6%	16.5%	12.6%	15.5%	13.6%
Roof	9.8%	-	12.4%	11.4%	5.1%	7.1%	37.2%	12.2%	41.3%	15.9%	11.6%	6.2%	8.0%	6.6%
Basement leak	5.3%	11.4%	6.9%	14.3%	2.7%	5.2%	3.4%	6.6%	6.2%	12.9%	4.2%	5.5%	6.2%	-
Walls, closed windows, or doors leak	2.3%	-	2.4%	-	2.2%	-	43.8%	11.0%	3.7%	8.4%	4.9%	-	2.4%	-
Other or Unknown exterior Leak	0.7%	-	0.4%	-	1.4%	-	1.0%	-	1.6%	-	0.5%	-	1.1%	-
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INTERIOR														
Damage														
Holes in floors	1.4%	-	1.2%	-	1.8%	-	6.0%	6.8%	4.9%	12.8%	3.6%	-	2.5%	-
Open cracks or holes	5.6%	5.2%	4.8%	-	7.0%	8.2%	13.1%	15.6%	37.6%	31.9%	10.4%	7.0%	9.7%	6.5%
Broken plaster or peeling paint	3.6%	-	2.7%	-	5.1%	-	9.4%	13.9%	25.4%	21.1%	9.0%	4.4%	7.6%	4.8%
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Water Leakage During Last 12 Months														
With leakage from inside structure	8.0%	7.3%	8.6%	5.4%	7.0%	11.4%	47.1%	13.1%	33.6%	26.6%	11.1%	10.2%	9.0%	8.5%
Fixtures backed up or overflowed	2.5%	-	3.1%	-	1.5%	-	28.6%	1.7%	6.5%	9.3%	5.1%	2.8%	2.4%	-
Pipes leaked	3.1%	-	2.4%	-	4.2%	5.6%	17.4%	7.9%	26.0%	14.9%	4.5%	-	4.2%	-
Broken water heater	0.4%	-	0.5%	-	0.2%	-	<0.1%	-	0.8%	-	0.4%	-	0.4%	-
Other or Unknown	2.5%	-	2.9%	-	1.7%	-	1.1%	6.1%	3.6%	5.9%	1.8%	-	3.1%	-
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Rodents														
Signs of rats in last 3 mon.	0.4%	-	0.3%	-	0.6%	-	0.9%	-	2.9%	-	1.1%	-	2.0%	-

<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.	7.4%	4.6%	8.0%	4.5%	6.4%	4.8%	30.5%	7.5%	14.8%	13.2%	11.5%	4.9%	8.5%	3.7%
Signs of rodents, not sure which kind in last 3 mon.	1.3%	-	0.9%	-	2.1%	-	0.9%	-	9.6%	2.7%	2.7%	-	0.9%	-
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Electrical														
No electrical wiring	1.0%	-	1.1%	-	0.9%	-	14.4%	<0.1%	<0.1%	-	1.9%	-	<0.1%	-
Exposed wiring	1.5%	-	1.6%	-	1.4%	-	3.0%	-	4.3%	-	1.7%	-	2.4%	-
Rooms without electric outlets	2.0%	-	1.9%	-	2.3%	-	16.2%	3.8%	3.2%	-	3.4%	-	2.9%	-
Fuses/breakers blown in last 3 mon.	14.1%	11.5%	14.7%	11.3%	13.1%	12.0%	41.0%	19.6%	39.8%	22.3%	16.7%	10.0%	13.3%	12.1%
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Sanitation														
Lacking complete kitchen facilities	2.1%	-	0.8%	-	4.5%	7.0%	5.8%	10.3%	51.6%	59.4%	4.9%	7.3%	3.8%	5.7%
Lacking some or all plumbing facilities	1.2%	-	0.6%	-	2.1%	-	55.8%	75.4%	<0.1%	-	1.6%	-	1.8%	-
Water not safe to drink	4.5%	9.5%	3.0%	7.9%	7.0%	12.9%	6.3%	12.1%	6.9%	16.5%	6.3%	13.2%	6.7%	14.2%
Water stoppage in last 3 mon.	3.2%	-	2.7%	-	4.1%	-	29.2%	3.1%	11.7%	6.8%	8.8%	2.7%	2.0%	-
No flush toilets working some time in last 3 mon.	3.2%	-	1.1%	-	6.8%	2.7%	5.2%	-	33.7%	5.8%	6.6%	1.9%	3.5%	-
With sewage disposal breakdowns in last 3 mon.	2.3%	-	2.1%	-	2.7%	-	27.7%	3.6%	13.7%	4.9%	7.2%	2.0%	3.1%	-
Septic tank, cesspool, chemical toilet	5.6%	11.4%	8.2%	14.9%	1.3%	-	30.0%	9.8%	1.4%	7.5%	4.9%	-	0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.6%	-	0.9%	-	<0.1%	-	26.8%	1.5%	<0.1%	-	3.4%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	72.9%	-	76.8%	-	66.2%	-	66.3%	-	65.2%	61.3%	72.2%	66.6%	70.1%	-

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	20.3%	21.6%	19.4%	-	21.9%	26.6%	14.1%	24.4%	19.8%	22.7%	18.9%	22.3%	19.2%	23.3%
Electric heat pump	0.4%	-	<0.1%	-	1.0%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Built-in electric units	2.7%	-	1.2%	-	5.3%	3.5%	0.9%	6.9%	1.7%	-	3.0%	-	2.7%	-
Floor, wall, or other built-in hot air without ducts	1.8%	-	1.5%	-	2.2%	-	16.1%	3.7%	0.5%	-	1.7%	-	3.2%	-
Room heaters with flue	0.6%	-	0.1%	-	1.5%	-	<0.1%	-	8.8%	0.1%	2.7%	-	1.8%	-
Room heaters without flue	0.1%	-	0.1%	-	0.2%	-	0.9%	-	3.1%	10.0%	0.5%	-	0.7%	-
Portable electric heaters	0.4%	-	0.1%	-	1.1%	-	<0.1%	-	<0.1%	-	0.3%	-	0.7%	-
Stoves	0.3%	-	0.5%	-	<0.1%	-	<0.1%	-	0.5%	-	0.1%	-	0.1%	-
Other	0.4%	-	0.3%	-	0.4%	-	1.8%	-	0.4%	-	0.6%	-	1.2%	-
Cooking stove	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	-	<0.1%	0.6%	0.1%	-	0.1%	-
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Water Heating Fuel														
Electricity	6.9%	-	5.6%	5.3%	9.1%	10.0%	4.5%	16.7%	2.3%	9.8%	11.0%	7.9%	5.2%	2.9%
Gas, LP/bottled gas	92.0%	-	92.8%	-	90.8%	-	94.5%	78.9%	97.7%	87.1%	88.9%	-	94.3%	-
Fuel oil	1.1%	-	1.6%	-	0.1%	-	1.0%	-	<0.1%	2.3%	0.1%	-	0.3%	-
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	0.8%	<0.1%	-	0.3%	-
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Clothes Dryer(,000)	364	375	282	299	82	76	8	6	10	14	46	31	40	81
Have Clothes Dryer	78.5%	-	96.1%	-	48.2%	51.8%	79.6%	73.2%	53.4%	64.5%	61.7%	55.8%	66.2%	-
Electricity	36.7%	34.1%	34.7%	-	43.5%	35.2%	40.9%	33.7%	27.8%	45.4%	39.8%	-	23.4%	-
Gas, LP gas (liquid propane)	63.2%	-	65.1%	-	56.3%	64.6%	59.1%	66.3%	72.2%	53.3%	60.0%	-	76.3%	-
Other	0.2%	-	0.2%	-	0.2%	-	<0.1%	-	<0.1%	1.2%	0.2%	-	0.4%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	8.1%	20.2%	6.4%	20.3%	11.6%	19.9%	52.1%	36.6%	29.1%	25.0%	18.3%	-	11.5%	17.2%

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
Heating equipment breakdowns	3.6%	-	3.5%	-	3.7%	-	44.1%	20.9%	4.8%	-	6.6%	2.5%	4.1%	-
Other causes	4.0%	16.5%	2.7%	17.6%	6.4%	14.3%	6.0%	16.8%	24.6%	18.4%	10.5%	13.6%	6.0%	11.6%
Utility interruption	1.1%	13.4%	1.0%	15.1%	1.4%	9.7%	3.1%	8.8%	8.3%	12.5%	2.7%	8.4%	0.3%	5.6%
Inadequate heating capacity	0.7%	-	0.4%	-	1.3%	-	0.9%	5.9%	4.8%	-	2.2%	-	2.4%	-
Inadequate insulation	1.0%	-	0.4%	-	2.1%	-	2.0%	6.4%	12.0%	3.7%	3.4%	-	2.1%	-
Cost of heating	0.5%	-	0.6%	-	0.3%	-	<0.1%	4.1%	0.5%	-	0.3%	-	0.7%	-
Other	1.0%	-	0.6%	-	1.7%	-	<0.1%	-	1.3%	-	2.6%	-	1.3%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	10	8	5	4	4	4	10	8	.	.	5	1	2	3
Severe physical problems	2.1%	-	1.8%	-	2.5%	-	100%	-	.	.	5.9%	1.9%	2.7%	-
Plumbing	1.2%	-	0.6%	-	2.1%	-	55.8%	75.4%	.	.	1.6%	-	1.8%	-
Heating	0.9%	-	1.2%	-	0.4%	-	42.2%	14.5%	.	.	4.2%	-	0.9%	-
Electric	<0.1%	0.2%	<0.1%	-	<0.1%	0.4%	<0.1%	10.3%	.	.	<0.1%	-	<0.1%	0.4%
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	0.1%	-	<0.1%	-	2.0%	5.3%	.	.	0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	18	21	5	7	13	14	.	.	18	21	8	6	4	9
Moderate physical problems	3.9%	-	1.8%	-	7.6%	9.7%	.	.	100%	-	10.6%	11.2%	6.7%	7.7%
Plumbing	0.5%	-	<0.1%	-	1.3%	-	.	.	12.6%	0.6%	2.4%	-	0.7%	-
Heating	0.1%	-	0.1%	-	0.2%	-	.	.	3.1%	10.0%	0.5%	-	0.6%	-
Upkeep	2.0%	-	0.8%	-	4.2%	6.4%	.	.	51.6%	59.4%	4.4%	6.9%	3.0%	5.1%
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.2%	.	.	<0.1%	1.2%	<0.1%	0.2%	<0.1%	-
Kitchen	1.5%	-	0.9%	-	2.5%	-	.	.	38.3%	32.1%	4.0%	-	3.3%	-

<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>
OVERALL OPINION OF STRUCTURE														
1(worst)	0.3%	-	0.1%	-	0.7%	-	1.0%	-	2.1%	-	1.2%	-	0.8%	-
2	0.2%	-	0.1%	-	0.5%	-	2.2%	-	1.0%	-	0.6%	-	0.9%	-
3	0.7%	-	0.1%	-	1.6%	-	1.5%	-	9.1%	4.7%	2.9%	-	0.8%	-
4	1.3%	-	0.4%	-	2.9%	-	0.9%	-	2.6%	5.1%	6.2%	2.6%	2.7%	-
5	4.2%	6.3%	3.4%	-	5.4%	10.7%	3.5%	8.6%	8.3%	11.1%	9.2%	12.6%	8.4%	10.0%
6	6.0%	5.7%	4.8%	-	8.2%	-	5.9%	6.2%	13.4%	-	5.6%	7.3%	7.2%	8.1%
7	15.3%	14.2%	14.2%	12.6%	17.0%	-	39.6%	21.1%	16.1%	13.6%	16.7%	11.1%	15.9%	-
8	25.5%	-	24.8%	27.2%	26.6%	24.7%	10.8%	27.7%	15.8%	19.1%	26.8%	21.9%	26.2%	-
9	17.1%	14.6%	18.8%	16.0%	14.0%	11.6%	7.0%	8.4%	6.1%	11.4%	7.7%	10.0%	13.3%	-
10(best)	29.5%	-	33.1%	-	23.1%	20.6%	27.7%	15.3%	25.6%	19.5%	23.2%	30.1%	23.8%	-

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