

American Housing Survey - Selected Elements Related to Health Homes
2002 Buffalo, NY and 2003 National *

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Total Occupied Units(,000)	461	105,842	314	72,238	147	33,604	8	1,970	21	4,316	56	13,741	119	31,213
GENERAL														
Owner occupied(,000)	314	72,238	314	72,238	.	.	4	932	7	1,795	17	5,868	50	16,093
Renter occupied(,000)	147	33,604	.	.	147	33,604	4	1,039	14	2,521	39	7,873	69	15,119
Owner occupied	68.1%	-	100%	-	<0.1%	<0.1%	50.2%	-	31.5%	41.6%	30.0%	42.7%	42.3%	51.6%
Renter occupied	31.9%	-	<0.1%	<0.1%	100%	-	49.8%	-	68.5%	-	70.0%	-	57.7%	-
Units in Structure														
1, detached	63.8%	-	86.3%	-	15.8%	24.1%	47.4%	-	34.4%	46.4%	32.1%	45.0%	33.7%	49.7%
1, attached	3.3%	5.9%	2.0%	5.1%	6.1%	7.7%	3.4%	6.4%	<0.1%	3.1%	6.3%	-	3.3%	8.1%
2 to 4	22.9%	7.9%	8.7%	2.0%	53.0%	20.8%	25.7%	12.1%	45.6%	16.4%	40.2%	13.1%	50.8%	13.2%
5 to 9	4.7%	-	0.6%	-	13.6%	-	6.0%	8.8%	8.3%	-	11.4%	8.9%	5.3%	7.8%
10 to 19	1.3%	4.2%	0.1%	0.7%	3.6%	11.9%	9.6%	5.9%	5.6%	7.7%	3.0%	6.3%	2.3%	6.5%
20 to 49	0.9%	3.1%	0.1%	0.5%	2.8%	8.6%	1.5%	6.9%	3.0%	5.7%	1.6%	5.1%	1.3%	6.0%
50 or more	1.4%	3.5%	0.2%	0.8%	4.0%	9.2%	6.4%	8.0%	3.1%	5.2%	2.9%	6.1%	3.2%	7.8%
Manufactured /mobile home or trailer	1.8%	6.5%	2.1%	7.6%	1.1%	4.0%	<0.1%	5.2%	<0.1%	6.1%	2.5%	9.3%	<0.1%	0.9%
Year Structure Built														
Post-2000	1.1%	4.9%	1.2%	5.9%	0.9%	2.9%	1.6%	1.3%	<0.1%	1.7%	1.4%	2.6%	0.4%	3.0%
Post-1980	12.8%	32.2%	15.4%	35.1%	7.3%	26.0%	6.8%	16.9%	6.2%	16.2%	6.6%	24.5%	2.1%	21.1%
Pre-1980	87.2%	67.8%	84.6%	64.9%	92.7%	74.0%	93.2%	-	93.8%	-	93.4%	-	97.9%	-
Pre-1960	64.6%	35.4%	60.3%	33.7%	73.9%	39.2%	72.3%	52.1%	79.7%	52.9%	77.4%	41.0%	93.9%	48.8%
Pre-1940	40.0%	17.5%	32.0%	15.2%	57.1%	22.2%	50.2%	29.8%	61.1%	29.6%	59.9%	20.9%	84.8%	26.1%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	309	74,026	277	63,322	32	10,704	4	1,047	7	2,138	22	7,035	44	18,035
With a basement under all of house	72.9%	33.0%	74.4%	34.6%	59.4%	23.7%	62.9%	31.4%	74.5%	16.5%	68.0%	26.5%	72.8%	33.0%
With a basement under part of house	16.1%	11.6%	16.7%	12.2%	10.7%	-	25.1%	11.1%	14.9%	8.6%	16.2%	8.4%	12.1%	8.5%
With a crawl space	5.7%	25.5%	5.2%	24.5%	10.4%	31.4%	4.7%	31.8%	6.5%	54.1%	7.0%	35.0%	10.5%	24.4%
On a concrete slab	4.3%	29.3%	2.8%	28.3%	17.1%	35.2%	7.4%	23.3%	4.1%	19.8%	8.8%	29.1%	4.2%	33.6%
In some other way	1.0%	0.6%	0.9%	0.5%	2.4%	1.1%	<0.1%	2.4%	<0.1%	0.9%	<0.1%	1.0%	0.3%	-
 EXTERIOR														
External Building Conditions														
Sagging roof	3.3%	2.2%	3.2%	1.9%	3.5%	-	7.4%	-	9.0%	-	3.3%	4.3%	2.9%	-
Missing roofing material	6.5%	3.6%	6.0%	2.9%	7.5%	5.2%	5.3%	10.0%	16.8%	9.6%	7.3%	5.5%	6.6%	4.4%
Hole in roof	1.7%	-	0.9%	1.4%	3.4%	2.7%	1.4%	8.1%	10.2%	-	3.3%	-	2.7%	-
Missing bricks, siding, other outside wall material	5.8%	2.8%	4.6%	2.1%	8.5%	4.1%	10.6%	-	15.8%	11.3%	7.7%	5.4%	7.9%	3.3%
Sloping outside walls	1.4%	-	0.9%	-	2.4%	-	3.8%	5.5%	4.1%	7.5%	2.1%	3.2%	1.5%	-
Boarded up windows	1.8%	0.9%	1.0%	0.6%	3.7%	1.6%	6.1%	3.5%	6.0%	4.2%	2.9%	-	3.5%	1.5%
Broken windows	5.5%	3.7%	3.9%	3.0%	9.0%	5.2%	13.0%	10.3%	15.3%	-	7.5%	-	8.6%	4.6%
Bars on windows	3.1%	4.1%	2.6%	-	4.0%	6.6%	5.0%	7.8%	4.3%	8.4%	4.0%	6.2%	9.2%	-
Foundation crumbling or has open crack or hole	5.4%	2.6%	5.3%	2.2%	5.5%	3.5%	8.9%	-	15.0%	10.8%	4.7%	-	5.7%	3.1%
None of the above	75.9%	-	79.1%	-	69.2%	-	79.1%	-	57.4%	-	73.1%	-	67.9%	-

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Water Leakage During Last 12 Months														
With leakage from outside structure	20.4%	10.5%	23.6%	11.1%	13.5%	9.3%	21.1%	16.1%	28.6%	-	12.6%	-	13.6%	10.0%
Roof	10.0%	5.3%	11.4%	5.4%	7.1%	5.1%	12.2%	-	15.9%	20.1%	6.2%	-	6.6%	-
Basement	11.4%	3.6%	14.3%	4.5%	5.2%	1.8%	6.6%	3.3%	12.9%	6.0%	5.5%	2.1%	6.3%	2.9%
Walls, closed windows, or doors	3.3%	2.1%	3.4%	1.9%	3.1%	-	11.0%	4.9%	8.4%	-	3.3%	-	2.6%	-
Other or Unknown	1.2%	-	1.2%	-	1.2%	1.5%	<0.1%	2.8%	3.6%	6.1%	0.7%	1.3%	1.3%	-
INTERIOR														
Damage														
Holes in floors	1.2%	0.9%	1.0%	0.6%	1.6%	-	6.8%	-	12.8%	9.5%	1.9%	-	1.6%	-
Open cracks or holes	5.2%	-	3.8%	-	8.2%	-	15.6%	-	31.9%	-	7.0%	-	6.5%	-
Broken plaster or peeling paint	3.3%	2.2%	2.4%	1.5%	5.2%	3.7%	13.9%	10.6%	21.1%	-	4.4%	-	4.8%	3.5%
Water Leakage During Last 12 Months														
With leakage from inside structure	7.3%	-	5.4%	6.8%	11.4%	-	13.1%	17.0%	26.6%	-	10.2%	-	8.5%	-
Fixtures backed up or overflowed	2.5%	-	2.0%	-	3.6%	-	1.7%	7.0%	9.3%	-	2.8%	-	3.0%	-
Pipes leaked	2.8%	3.7%	1.6%	2.9%	5.6%	-	7.9%	-	14.9%	-	4.9%	-	4.7%	-
Broken water heater	0.8%	-	0.7%	-	1.1%	-	<0.1%	2.7%	3.0%	2.2%	0.5%	1.1%	0.4%	0.9%
Other or Unknown	1.9%	-	1.6%	-	2.6%	-	6.1%	4.6%	5.9%	-	3.4%	1.8%	1.5%	2.4%

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Rodents														
Signs of rats in last 3 mon.	0.4%	0.8%	0.3%	0.6%	0.7%	1.3%	3.1%	5.1%	1.9%	4.6%	0.7%	1.8%	1.2%	-
Signs of mice in last 3 mon.	4.6%	6.0%	4.5%	5.4%	4.8%	7.3%	7.5%	11.4%	13.2%	16.1%	4.9%	9.2%	3.7%	6.6%
Signs of rodents, not sure which kind in last 3 mon.	0.3%	-	0.3%	-	0.3%	-	<0.1%	1.1%	2.7%	1.8%	0.3%	0.7%	0.2%	0.4%
Electrical														
No electrical wiring	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	<0.1%	2.5%	<0.1%	-	<0.1%	0.2%	<0.1%	-
Exposed wiring	0.2%	0.6%	0.2%	0.5%	0.3%	0.8%	2.4%	-	1.5%	-	0.7%	1.0%	0.1%	0.6%
Rooms without electric outlets	1.9%	1.5%	1.6%	1.2%	2.7%	2.0%	3.8%	8.4%	4.6%	-	2.1%	-	2.8%	1.6%
Fuses/breakers blown in last 3 mon.	11.5%	-	11.3%	-	12.0%	8.8%	19.6%	12.5%	22.3%	15.6%	10.0%	7.9%	12.1%	9.4%
Sanitation														
Lacking complete kitchen facilities	2.9%	1.5%	0.9%	0.4%	7.0%	3.7%	10.3%	7.3%	59.4%	32.7%	7.3%	2.7%	5.7%	2.5%
Lacking some or all plumbing facilities	1.3%	-	1.0%	-	1.9%	-	75.4%	-	<0.1%	0.0%	1.6%	2.5%	1.7%	-
Water not safe to drink	9.5%	-	7.9%	-	12.9%	-	12.1%	16.7%	16.5%	-	13.2%	-	14.2%	-
Water stoppage in last 3 mon.	3.0%	-	2.9%	-	3.0%	4.8%	3.1%	6.2%	6.8%	-	2.7%	4.1%	1.8%	3.4%
No flush toilets working some time in last 3 mon.	2.1%	-	1.8%	1.2%	2.7%	4.3%	5.4%	6.8%	5.8%	11.1%	1.9%	4.1%	2.7%	-
With sewage disposal breakdowns in last 3 mon.	1.9%	-	1.9%	1.3%	1.9%	-	3.6%	-	4.9%	-	2.0%	-	1.6%	-
Septic tank, cesspool, chemical toilet	11.4%	20.7%	14.9%	26.7%	3.8%	7.9%	9.8%	13.3%	7.5%	18.2%	4.8%	17.7%	<0.1%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	-	0.2%	-	<0.1%	0.2%	1.5%	<0.1%	<0.1%	0.9%	<0.1%	0.5%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	72.8%	-	77.5%	-	62.9%	-	65.0%	47.0%	61.3%	33.6%	66.6%	-	69.2%	-
Steam or hot water system	21.6%	12.5%	19.2%	10.8%	26.6%	16.2%	24.4%	-	22.7%	12.9%	22.3%	12.6%	23.3%	17.7%
Electric heat pump	0.1%	10.7%	<0.1%	11.5%	0.4%	9.1%	<0.1%	4.2%	<0.1%	4.8%	<0.1%	8.4%	<0.1%	8.5%
Built-in electric units	1.5%	4.5%	0.6%	3.0%	3.5%	7.6%	6.9%	4.3%	2.9%	4.5%	2.4%	5.9%	1.9%	3.7%
Floor, wall, or other built-in hot air without ducts	1.6%	5.0%	1.0%	3.2%	2.7%	9.0%	3.7%	8.8%	1.7%	5.5%	2.8%	8.1%	2.1%	7.0%
Room heaters with flue	0.8%	1.4%	0.3%	1.1%	1.9%	-	<0.1%	2.5%	<0.1%	1.6%	1.8%	2.8%	2.1%	1.0%
Room heaters without flue	0.5%	1.4%	0.1%	1.4%	1.2%	1.5%	<0.1%	3.1%	10.0%	33.5%	2.6%	3.4%	0.6%	1.3%
Portable electric heaters	0.2%	0.7%	0.1%	0.5%	0.3%	1.1%	<0.1%	1.8%	<0.1%	1.6%	0.7%	1.5%	0.3%	0.8%
Stoves	0.6%	1.0%	0.8%	1.2%	0.2%	0.5%	<0.1%	3.3%	0.8%	-	<0.1%	1.4%	0.1%	-
Fireplace with inserts	<0.1%	0.1%	<0.1%	0.2%	<0.1%	-	<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%	0.2%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Other	0.3%	-	0.3%	-	0.2%	0.5%	<0.1%	0.7%	<0.1%	0.2%	0.2%	0.6%	0.2%	-
No heating equipment	<0.1%	0.4%	<0.1%	0.3%	<0.1%	0.7%	<0.1%	1.5%	<0.1%	0.6%	<0.1%	0.7%	<0.1%	0.7%
Cooking stove	0.1%	-	<0.1%	0.1%	0.2%	-	<0.1%	0.2%	0.6%	0.2%	0.5%	-	0.1%	-
Water Heating Fuel														
Electricity	6.8%	39.2%	5.3%	37.5%	10.0%	43.0%	16.7%	31.5%	9.8%	36.9%	7.9%	44.7%	2.9%	29.0%
Gas, LP/bottled gas	91.5%	55.4%	92.4%	57.6%	89.6%	50.7%	78.9%	57.7%	87.1%	57.8%	90.0%	50.1%	96.8%	64.3%
Fuel oil	1.6%	5.1%	2.1%	4.6%	0.4%	6.1%	4.5%	10.4%	2.3%	5.0%	1.6%	4.9%	0.3%	6.4%
Kerosene or other liquid fuel	0.1%	-	0.1%	-	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	0.5%	<0.1%	<0.1%	<0.1%
Other	0.1%	-	0.1%	-	<0.1%	0.2%	<0.1%	0.4%	0.8%	0.3%	<0.1%	0.4%	<0.1%	0.3%

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Clothes Dryer Fuel(,000)	375	82,538	299	67,262	76	15,276	6	1,014	14	2,387	31	7,720	81	19,624
Electricity	34.1%	76.5%	33.8%	74.8%	35.2%	83.6%	33.7%	75.5%	45.4%	83.0%	39.6%	81.5%	23.0%	71.7%
Gas, LP gas (liquid propane)	65.6%	23.5%	65.9%	25.1%	64.6%	16.3%	66.3%	24.5%	53.3%	17.0%	60.4%	18.5%	76.6%	28.3%
Other	0.3%	-	0.3%	<0.1%	0.2%	-	<0.1%	<0.1%	1.2%	<0.1%	<0.1%	<0.1%	0.4%	<0.1%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	20.2%	7.6%	20.3%	6.3%	19.9%	11.0%	36.6%	-	25.0%	16.9%	18.7%	11.2%	17.2%	9.1%
Heating equipment breakdowns	2.2%	-	1.8%	-	3.1%	-	20.9%	26.7%	3.3%	-	2.5%	-	3.8%	2.8%
Other causes	16.5%	4.9%	17.6%	4.4%	14.3%	5.9%	16.8%	8.6%	18.4%	10.6%	13.6%	6.8%	11.6%	5.3%
Utility interruption	13.4%	2.1%	15.1%	2.3%	9.7%	1.5%	8.8%	1.3%	12.5%	2.0%	8.4%	2.0%	5.6%	1.6%
Inadequate heating capacity	1.2%	0.9%	0.6%	-	2.5%	1.7%	5.9%	3.0%	1.9%	3.5%	2.8%	2.0%	2.2%	1.3%
Inadequate insulation	1.6%	0.8%	1.1%	0.5%	2.5%	1.6%	6.4%	3.2%	3.7%	-	3.5%	1.7%	3.7%	1.1%
Cost of heating	0.8%	-	0.7%	-	0.9%	-	4.1%	0.8%	3.5%	2.2%	1.4%	1.1%	1.6%	0.7%
Other	1.9%	1.2%	1.9%	1.0%	1.9%	-	<0.1%	3.2%	3.2%	-	1.8%	-	2.2%	1.4%
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	8	1,970	4	932	4	1,039	8	1,970	.	.	1	498	3	881
Severe physical problems	1.7%	-	1.3%	-	2.7%	-	100%	-	.	.	1.9%	3.6%	2.7%	-
Plumbing	1.3%	-	1.0%	-	1.9%	-	75.4%	-	.	.	1.6%	2.5%	1.7%	-
Heating	0.3%	-	0.2%	-	0.4%	0.9%	14.5%	25.1%	.	.	0.2%	0.8%	0.6%	-
Electric	0.2%	-	0.1%	-	0.4%	0.1%	10.3%	4.7%	.	.	<0.1%	0.3%	0.4%	0.1%
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	-	<0.1%	-
Upkeep	0.1%	-	0.1%	-	0.1%	-	5.3%	-	.	.	<0.1%	0.3%	0.1%	-

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Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Moderate Physical Problems(,000)	21	4,316	7	1,795	14	2,521	.	.	21	4,316	6	1,107	9	1,746
Moderate physical problems	4.5%	-	2.1%	-	9.7%	7.5%	.	.	100%	-	11.2%	8.1%	7.7%	5.6%
Plumbing	<0.1%	-	<0.1%	0.1%	0.1%	0.4%	.	.	0.6%	4.5%	<0.1%	0.4%	<0.1%	0.3%
Heating	0.5%	1.4%	0.1%	1.3%	1.2%	1.5%	.	.	10.0%	33.5%	2.6%	3.2%	0.6%	1.2%
Upkeep	2.7%	1.3%	0.9%	0.4%	6.4%	3.4%	.	.	59.4%	32.7%	6.9%	2.2%	5.1%	2.3%
Hallways	0.1%	-	<0.1%	-	0.2%	-	.	.	1.2%	3.3%	0.2%	-	0.1%	-
Kitchen	1.5%	-	1.1%	0.8%	2.2%	-	.	.	32.1%	-	2.2%	-	2.2%	-
<hr/>														
OVERALL OPINION OF STRUCTURE														
1(worst)	0.5%	-	0.2%	-	1.1%	-	1.4%	2.6%	1.6%	3.0%	1.5%	-	0.8%	-
2	0.5%	-	0.4%	-	0.8%	-	3.6%	1.8%	0.6%	1.6%	1.4%	0.9%	0.9%	0.5%
3	1.0%	-	0.6%	-	1.8%	-	3.7%	-	4.7%	3.3%	1.6%	-	1.5%	-
4	1.5%	1.1%	0.9%	0.6%	2.7%	-	4.0%	2.6%	5.1%	3.9%	2.6%	-	1.7%	-
5	6.3%	-	4.2%	-	10.7%	-	8.6%	10.7%	11.1%	14.0%	12.6%	8.9%	10.0%	7.4%
6	5.7%	-	4.4%	-	8.4%	-	6.2%	7.5%	13.2%	10.3%	7.3%	-	8.1%	-
7	14.2%	-	12.6%	-	17.6%	-	21.1%	16.4%	13.6%	-	11.1%	-	15.7%	-
8	26.4%	-	27.2%	-	24.7%	-	27.7%	-	19.1%	-	21.9%	-	25.3%	-
9	14.6%	-	16.0%	-	11.6%	-	8.4%	10.1%	11.4%	-	10.0%	-	12.7%	-
10(best)	29.4%	-	33.5%	-	20.6%	-	15.3%	20.9%	19.5%	-	30.1%	-	23.3%	-

* = National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National.
 See www.healthyhomestraining.org/ahs/ for more info.