

**American Housing Survey - Selected Elements Related to Health Homes
1998 Baltimore, MD and 1999 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)	920	102,803	635	68,796	286	34,007	14	2,053	33	4,826		13,955	230	31,131
GENERAL														
Owner occupied(,000)	635	68,796	635	68,796	.	.	8	869	11	2,056		6,083	123	15,512
Renter occupied(,000)	286	34,007	.	.	286	34,007	7	1,184	22	2,769		7,872	107	15,619
Owner occupied	69.0%	-	100%	-	<0.1%	<0.1%	52.4%	-	33.6%	42.6%		43.6%	53.6%	-
Renter occupied	31.0%	-	<0.1%	<0.1%	100%	-	47.6%	57.7%	66.4%	-		56.4%	46.4%	-
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Units in Structure														
1, detached	53.2%	-	69.3%	-	17.5%	23.7%	39.2%	-	30.7%	48.4%		44.7%	26.2%	48.2%
1, attached	27.5%	6.8%	25.6%	5.1%	31.9%	10.2%	30.5%	5.4%	28.5%	4.4%		7.7%	48.1%	9.5%
2 to 4	5.0%	8.3%	1.6%	2.1%	12.5%	20.9%	13.2%	-	11.7%	15.1%		13.1%	11.6%	-
5 to 9	3.4%	4.7%	0.3%	0.7%	10.5%	12.9%	1.7%	9.3%	13.4%	7.1%		7.4%	3.5%	7.6%
10 to 19	6.1%	4.3%	0.7%	-	18.1%	11.9%	7.1%	-	12.8%	6.9%		6.2%	3.6%	6.8%
20 to 49	3.1%	-	0.5%	-	8.9%	-	3.4%	8.2%	2.9%	6.3%		5.2%	7.1%	-
50 or more	<0.1%	3.2%	<0.1%	-	<0.1%	8.2%	<0.1%	7.8%	<0.1%	4.6%		6.0%	<0.1%	7.0%
Manufactured /mobile home or trailer	1.6%	6.6%	2.0%	8.2%	0.6%	3.3%	4.9%	-	<0.1%	7.4%		9.7%	<0.1%	1.1%
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Year Structure Built														
Post-2000	<0.1%	-	<0.1%	-	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%		0.0%	<0.1%	0.0%
Post-1980	27.3%	-	31.7%	-	17.5%	23.1%	28.3%	13.0%	15.5%	-		21.1%	5.4%	17.9%
Pre-1980	72.7%	-	68.3%	-	82.5%	-	71.7%	87.0%	84.5%	-		78.9%	94.6%	-
Pre-1960	40.4%	-	39.6%	-	42.2%	-	57.0%	-	53.2%	-		43.9%	77.0%	51.5%
Pre-1940	15.9%	-	14.5%	-	19.0%	23.5%	30.5%	-	32.9%	-		22.8%	39.3%	27.8%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	743	71,499	602	59,969	141	11,530	10	1,036	19	2,545	7,306	170	17,963	
With a basement under all of house	67.8%	33.2%	72.3%	35.4%	48.7%	21.4%	73.8%	30.5%	64.5%	14.6%	26.2%	82.9%	33.3%	
With a basement under part of house	9.7%	-	10.6%	-	5.8%	7.9%	<0.1%	11.0%	12.2%	9.3%	8.4%	3.9%	8.2%	
With a crawl space	6.8%	25.8%	7.0%	24.8%	6.3%	30.9%	10.8%	33.1%	7.8%	53.0%	33.3%	2.2%	24.2%	
On a concrete slab	14.4%	28.7%	9.3%	26.9%	36.0%	-	15.4%	24.1%	13.0%	21.2%	30.7%	10.2%	33.4%	
In some other way	1.3%	0.9%	0.8%	-	3.3%	1.5%	<0.1%	1.5%	2.5%	2.0%	1.4%	0.7%	-	
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EXTERIOR														
External Building Conditions														
Sagging roof	2.2%	-	1.8%	-	3.3%	-	11.2%	6.9%	14.7%	9.1%	3.7%	2.3%	-	
Missing roofing material	3.3%	-	2.8%	-	4.4%	-	12.2%	9.0%	14.3%	10.7%	5.5%	4.8%	-	
Hole in roof	1.9%	-	1.3%	1.5%	3.3%	-	14.5%	6.4%	10.4%	-	3.5%	3.3%	2.3%	
Missing bricks, siding, other outside wall material	3.0%	-	2.6%	1.9%	3.9%	-	9.6%	-	20.0%	10.2%	4.1%	3.8%	-	
Sloping outside walls	1.5%	-	1.0%	-	2.5%	-	7.6%	-	10.7%	6.4%	2.9%	2.2%	-	
Boarded up windows	1.0%	-	0.3%	0.7%	2.4%	1.8%	8.7%	4.2%	5.2%	-	2.2%	2.2%	1.6%	
Broken windows	2.9%	4.2%	2.5%	3.5%	3.9%	5.6%	15.0%	-	13.6%	-	7.2%	3.6%	5.1%	
Bars on windows	5.4%	-	5.1%	3.6%	6.2%	-	8.2%	-	14.6%	8.6%	7.5%	16.2%	11.4%	
Foundation crumbling or has open crack or hole	2.5%	-	2.4%	-	2.7%	3.8%	13.1%	9.1%	10.0%	-	3.9%	3.3%	-	
None of the above	82.8%	-	85.5%	-	76.7%	-	67.2%	-	52.1%	-	70.6%	70.6%	-	

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Water Leakage During Last 12 Months														
With leakage from outside structure	14.4%	-	14.7%	-	13.9%	10.4%	25.1%	19.8%	48.2%	30.5%		11.0%	17.7%	12.5%
Roof	6.1%	-	5.6%	6.8%	7.2%	5.5%	17.4%	11.1%	33.5%	21.0%		6.9%	9.0%	6.8%
Basement	6.4%	4.2%	7.7%	5.3%	3.6%	1.9%	10.2%	4.4%	18.6%	6.5%		2.2%	8.2%	3.7%
Walls, closed windows, or doors	4.0%	2.7%	3.8%	2.5%	4.7%	3.3%	15.8%	8.1%	17.9%	10.0%		3.0%	4.3%	3.0%
Other or Unknown	1.4%	-	1.3%	-	1.5%	-	2.0%	3.7%	4.1%	-		1.1%	1.7%	-
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INTERIOR														
Damage														
Holes in floors	1.3%	-	1.0%	-	2.0%	-	14.2%	7.6%	12.1%	9.7%		2.9%	2.2%	1.7%
Open cracks or holes	5.6%	-	4.7%	-	7.8%	-	17.9%	-	48.1%	32.1%		9.1%	7.9%	-
Broken plaster or peeling paint	2.2%	2.8%	1.4%	1.8%	4.1%	-	16.0%	11.5%	30.9%	21.3%		4.6%	4.2%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	9.6%	-	8.4%	-	12.2%	-	25.2%	19.9%	38.4%	27.2%		11.2%	10.3%	-
Fixtures backed up or overflowed	4.2%	-	3.7%	2.9%	5.2%	-	16.5%	8.5%	22.6%	11.5%		4.3%	5.5%	4.0%
Pipes leaked	4.2%	-	3.4%	-	5.9%	-	13.4%	-	22.6%	16.4%		5.9%	4.0%	5.8%
Broken water heater	0.9%	-	0.9%	-	0.8%	-	2.3%	1.8%	3.6%	2.6%		0.9%	1.3%	1.0%
Other or Unknown	1.8%	-	1.6%	-	2.2%	2.6%	2.3%	4.6%	8.7%	6.4%		2.0%	1.2%	2.7%

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Rodents														
Signs of rats in last 3 mon.	1.2%	0.9%	0.8%	-	2.3%	1.5%	14.9%	5.5%	10.1%	5.1%		2.0%	4.9%	1.6%
Signs of mice in last 3 mon.	11.3%	7.0%	9.8%	6.3%	14.8%	8.3%	37.4%	15.0%	29.6%	16.7%		10.3%	23.7%	7.8%
Signs of rodents, not sure which kind in last 3 mon.	0.1%	0.4%	<0.1%	0.3%	0.2%	0.7%	<0.1%	1.3%	<0.1%	1.6%		0.7%	0.1%	0.6%
Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	1.7%	<0.1%	0.1%		0.2%	<0.1%	-
Exposed wiring	0.4%	0.6%	0.2%	0.5%	0.7%	-	5.5%	2.4%	0.7%	1.6%		0.9%	0.5%	-
Rooms without electric outlets	1.6%	-	1.3%	-	2.2%	-	5.2%	-	3.8%	-		2.6%	2.4%	1.8%
Fuses/breakers blown in last 3 mon.	33.7%	11.3%	40.5%	11.3%	18.7%	11.3%	37.9%	18.6%	38.8%	15.8%		10.1%	24.2%	11.7%
Sanitation														
Lacking complete kitchen facilities	1.5%	-	0.5%	-	3.7%	-	2.5%	11.3%	41.0%	31.3%		3.6%	2.1%	2.7%
Lacking some or all plumbing facilities	1.3%	-	1.4%	1.0%	1.1%	2.3%	47.8%	69.9%	<0.1%	0.0%		2.8%	1.8%	-
Water not safe to drink	7.6%	9.9%	6.3%	7.7%	10.3%	14.4%	15.9%	-	14.8%	-		12.2%	7.9%	13.2%
Water stoppage in last 3 mon.	4.7%	-	4.2%	-	5.8%	-	12.6%	8.5%	10.1%	7.1%		5.2%	4.1%	-
No flush toilets working some time in last 3 mon.	2.7%	-	1.7%	-	5.0%	-	15.9%	8.9%	13.9%	10.4%		4.7%	2.6%	3.9%
With sewage disposal breakdowns in last 3 mon.	1.6%	-	1.3%	1.6%	2.3%	-	8.2%	4.1%	6.4%	4.9%		2.2%	1.5%	2.3%
Septic tank, cesspool, chemical toilet	15.1%	22.4%	20.1%	29.3%	4.0%	8.3%	8.0%	14.8%	9.3%	21.2%		18.4%	0.1%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.4%	-	0.4%	-	0.4%	-	2.4%	0.4%	1.6%	0.8%		0.3%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	63.6%	-	60.9%	-	69.5%	50.3%	59.5%	45.2%	67.3%	32.9%	52.8%	66.1%	-	
Steam or hot water system	15.6%	-	15.9%	11.0%	15.1%	-	22.1%	-	21.3%	12.2%	12.3%	29.2%	17.8%	
Electric heat pump	17.0%	10.7%	19.5%	11.4%	11.5%	-	8.9%	4.3%	5.3%	3.8%	8.5%	2.1%	8.8%	
Built-in electric units	2.1%	4.8%	2.0%	3.3%	2.1%	7.8%	1.7%	4.1%	0.8%	3.9%	6.0%	1.1%	3.8%	
Floor, wall, or other built-in hot air without ducts	0.7%	5.2%	0.7%	3.5%	0.8%	8.5%	<0.1%	8.3%	0.8%	5.3%	8.4%	0.4%	6.7%	
Room heaters with flue	0.3%	1.6%	0.1%	1.4%	0.8%	2.0%	1.8%	3.0%	0.7%	1.6%	3.3%	0.5%	1.2%	
Room heaters without flue	0.1%	1.7%	0.1%	1.5%	<0.1%	2.1%	<0.1%	3.0%	1.5%	35.8%	4.0%	0.1%	1.8%	
Portable electric heaters	0.1%	0.7%	0.1%	0.5%	0.2%	1.0%	3.5%	1.3%	1.4%	1.0%	1.4%	0.3%	0.8%	
Stoves	0.4%	1.1%	0.5%	1.3%	<0.1%	0.6%	<0.1%	4.0%	0.8%	1.2%	1.4%	<0.1%	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%	-	
Fireplace without inserts	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.3%	<0.1%	0.1%	0.1%	<0.1%	-	
Other	0.2%	-	0.1%	-	0.2%	0.5%	2.5%	0.8%	<0.1%	0.5%	0.4%	0.2%	-	
No heating equipment	<0.1%	0.5%	<0.1%	0.3%	<0.1%	-	<0.1%	1.7%	<0.1%	1.4%	-	<0.1%	-	
Cooking stove	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.2%	<0.1%	0.7%	<0.1%	0.1%	0.2%	<0.1%	0.2%	
Water Heating Fuel														
Electricity	41.5%	-	43.5%	-	37.2%	-	42.5%	33.4%	24.7%	36.7%	41.9%	14.1%	29.6%	
Gas, LP/bottled gas	53.7%	-	50.8%	-	60.1%	-	53.2%	-	68.6%	-	52.9%	82.0%	63.7%	
Fuel oil	4.5%	-	5.5%	-	2.3%	6.4%	1.7%	11.0%	6.7%	4.6%	4.7%	3.6%	6.4%	
Kerosene or other liquid fuel	<0.1%	-	0.1%	-	<0.1%	<0.1%	2.5%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	
Other	0.2%	-	0.2%	-	0.3%	-	<0.1%	0.2%	<0.1%	0.5%	0.4%	0.3%	-	

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Clothes Dryer Fuel(,000)	698	76,454	579	62,738	119	13,716	8	903	17	2,436		7,217	124	18,170
Electricity	73.8%	-	72.7%	-	78.8%	-	74.9%	-	75.1%	-		80.2%	52.7%	70.9%
Gas, LP gas (liquid propane)	26.1%	-	27.2%	-	21.2%	16.9%	25.1%	-	24.9%	17.5%		19.8%	47.1%	29.0%
Other	0.1%	-	0.1%	-	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	0.4%		0.1%	0.2%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	5.5%	7.1%	3.9%	5.6%	9.3%	-	52.8%	35.9%	20.1%	-		11.2%	7.4%	-
Heating equipment breakdowns	2.1%	-	1.5%	-	3.5%	-	44.9%	25.3%	6.0%	3.2%		3.3%	3.4%	-
Other causes	3.1%	4.2%	2.3%	3.7%	5.1%	-	14.3%	8.8%	13.0%	-		6.2%	4.2%	-
Utility interruption	0.4%	1.5%	0.3%	1.8%	0.5%	-	2.0%	1.5%	<0.1%	1.1%		1.1%	0.2%	0.7%
Inadequate heating capacity	0.8%	1.1%	0.5%	-	1.3%	2.0%	1.9%	4.3%	5.8%	-		2.4%	1.1%	1.7%
Inadequate insulation	1.0%	-	0.6%	-	2.0%	-	7.2%	2.7%	5.0%	3.8%		1.7%	1.7%	-
Cost of heating	0.5%	-	0.5%	-	0.6%	-	6.5%	0.9%	0.9%	1.2%		0.8%	0.7%	-
Other	0.9%	-	0.7%	-	1.5%	-	<0.1%	3.4%	5.1%	3.1%		1.9%	1.2%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	14	2,053	8	869	7	1,184	14	2,053	.	.		598	7	963
Severe physical problems	1.6%	2.0%	1.2%	-	2.4%	3.5%	100%	-	.	.		4.3%	2.9%	-
Plumbing	0.7%	1.4%	0.7%	-	0.8%	2.3%	47.8%	69.9%	.	.		2.8%	1.0%	1.9%
Heating	0.7%	-	0.4%	-	1.4%	0.9%	44.9%	23.9%	.	.		1.1%	1.7%	0.9%
Electric	0.1%	-	0.1%	-	<0.1%	0.1%	3.7%	5.1%	.	.		0.3%	<0.1%	0.1%
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.3%	.	.		0.0%	<0.1%	-
Upkeep	0.2%	-	0.1%	-	0.4%	-	10.9%	4.4%	.	.		0.4%	0.5%	0.2%

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Moderate Physical Problems(,000)	33	4,826	11	2,056	22	2,769	.	.	33	4,826		1,306	13	1,967
Moderate physical problems	3.5%	4.7%	1.7%	3.0%	7.6%	-	.	.	100%	-		9.4%	5.8%	-
Plumbing	0.3%	-	<0.1%	-	0.9%	0.4%	.	.	8.4%	4.5%		0.5%	0.4%	-
Heating	0.1%	1.7%	0.1%	1.5%	<0.1%	2.0%	.	.	1.5%	35.8%		3.8%	0.1%	1.7%
Upkeep	1.5%	-	0.4%	-	3.7%	-	.	.	41.0%	31.3%		2.8%	2.1%	-
Hallways	0.1%	-	<0.1%	-	0.4%	-	.	.	4.0%	2.6%		0.2%	0.1%	-
Kitchen	1.8%	-	1.2%	0.9%	3.0%	-	.	.	49.8%	30.6%		2.8%	3.3%	2.2%
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.5%	-	0.2%	-	1.2%	-	8.8%	4.4%	1.6%	2.8%		1.7%	0.7%	-
2	0.3%	-	0.1%	-	0.7%	-	<0.1%	1.2%	4.5%	1.6%		0.8%	0.4%	-
3	0.8%	-	0.4%	-	1.6%	-	4.1%	-	1.7%	3.3%		1.7%	0.6%	0.9%
4	0.7%	1.3%	0.4%	-	1.3%	2.8%	1.7%	4.5%	2.2%	4.3%		2.4%	1.2%	1.9%
5	5.4%	-	3.7%	-	9.4%	-	5.1%	13.9%	16.0%	-		10.6%	7.7%	-
6	5.5%	-	3.9%	-	9.2%	-	1.7%	5.8%	10.8%	-		6.6%	8.7%	-
7	14.4%	-	11.8%	-	20.2%	-	17.6%	-	18.2%	-		13.1%	18.0%	-
8	28.3%	-	28.6%	-	27.8%	-	30.9%	23.5%	20.8%	-		22.6%	26.5%	-
9	14.8%	-	16.7%	-	10.5%	-	12.2%	7.8%	7.8%	-		11.6%	11.9%	-
10(best)	29.4%	-	34.4%	-	18.2%	-	17.9%	-	16.4%	-		29.2%	24.3%	-

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