

**American Housing Survey - Selected Elements Related to Healthy Homes
Baltimore, MD in 2007 and 1998**

1998 is only reported if >=5% (relative) and 0.1% (absolute) different from

2007 (otherwise "-" is listed).

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
Total Occupied Units(,000)	1,012	920	722	635	291	286	18	14	27	33	101	<1	241	230
GENERAL														
Owner occupied(,000)	722	635	722	635	.	.	8	8	12	11	44	.	135	123
Renter occupied(,000)	291	286	.	.	291	286	10	7	15	22	57	.	106	107
Owner occupied	71.3%	-	100%	-	.	.	45.6%	52.4%	45.2%	33.6%	43.7%	<0.1%	56.0%	-
Renter occupied	28.7%	31.0%	.	.	100%	-	54.4%	47.6%	54.8%	66.4%	56.3%	<0.1%	44.0%	46.4%
Units in Structure														
1, detached	51.7%	-	67.3%	-	13.0%	17.5%	34.2%	39.2%	32.0%	-	27.7%	0.1%	22.1%	26.2%
1, attached	26.7%	-	26.7%	-	26.5%	31.9%	27.8%	30.5%	31.4%	28.5%	29.1%	0.1%	48.9%	-
2 to 4	3.9%	-	0.6%	-	11.9%	12.5%	15.8%	13.2%	12.8%	11.7%	11.1%	0.1%	9.4%	11.6%
5 to 9	3.8%	-	0.6%	-	11.8%	10.5%	<0.1%	1.7%	10.2%	13.4%	6.6%	0.1%	4.2%	-
10 to 19	7.2%	6.1%	0.9%	-	23.0%	18.1%	15.7%	7.1%	8.2%	12.8%	7.8%	0.1%	5.6%	3.6%
20 to 49	0.8%	-	0.3%	-	2.1%	8.9%	3.1%	-	2.2%	-	1.8%	-	0.2%	7.1%
Manufactured /mobile home or trailer	1.8%	-	2.4%	-	0.3%	-	<0.1%	4.9%	<0.1%	-	6.2%	0.1%	<0.1%	-
Year Structure Built														
Post-2000	6.2%	<0.1%	7.6%	<0.1%	2.8%	-	<0.1%	-	<0.1%	-	2.5%	-	1.8%	-
Post-1980	34.8%	27.3%	40.2%	31.7%	21.3%	17.5%	9.5%	28.3%	7.6%	15.5%	25.4%	0.1%	8.2%	5.4%
Pre-1980	65.2%	72.7%	59.8%	68.3%	78.7%	-	90.5%	71.7%	92.4%	84.5%	74.6%	0.1%	91.8%	-
Pre-1960	36.0%	40.4%	35.2%	39.6%	38.0%	42.2%	58.8%	-	58.6%	53.2%	48.1%	0.1%	74.3%	-
Pre-1940	14.4%	15.9%	13.5%	14.5%	16.7%	19.0%	17.1%	30.5%	21.5%	32.9%	23.8%	0.1%	38.3%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	794	743	679	602	115	141	11	10	17	19	57	<1	171	170
With a basement under all of house	68.9%	-	71.5%	-	53.0%	48.7%	70.8%	-	55.6%	64.5%	65.5%	0.1%	80.6%	-
With a basement under part of house	12.5%	9.7%	13.2%	10.6%	8.5%	5.8%	15.2%	0.1%	22.6%	12.2%	10.8%	0.1%	10.7%	3.9%
With a crawl space	5.9%	6.8%	5.4%	7.0%	9.1%	6.3%	<0.1%	10.8%	3.0%	7.8%	6.7%	0.1%	1.1%	-
On a concrete slab	11.7%	14.4%	9.2%	-	26.5%	36.0%	9.6%	15.4%	15.7%	13.0%	16.6%	0.1%	7.2%	10.2%
In some other way	1.0%	-	0.7%	-	2.9%	-	4.4%	-	3.2%	-	0.5%	-	0.5%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.3%	-	2.1%	-	3.2%	-	12.2%	10.4%	17.0%	19.0%	3.5%	-	4.6%	-
Missing roofing material	4.2%	-	4.0%	-	5.5%	5.0%	17.0%	9.6%	10.7%	16.3%	8.1%	0.1%	4.6%	-
Hole in roof	1.5%	-	1.5%	-	1.6%	-	17.0%	12.4%	13.8%	12.5%	5.2%	0.1%	3.9%	-
Missing bricks, siding, other outside wall material	2.7%	-	2.4%	-	4.8%	-	12.2%	8.7%	15.2%	23.1%	4.2%	-	4.8%	-
Sloping outside walls	1.0%	-	0.9%	-	1.5%	-	5.8%	3.5%	6.6%	11.4%	2.5%	-	1.7%	-
Boarded up windows	0.7%	-	0.4%	-	2.5%	-	<0.1%	4.8%	7.0%	7.5%	2.0%	-	2.1%	-
Broken windows	3.0%	-	2.2%	-	7.8%	5.6%	<0.1%	13.2%	10.4%	18.9%	9.7%	0.1%	5.6%	4.0%
Bars on windows	7.3%	5.4%	7.0%	5.0%	8.8%	7.0%	27.4%	4.4%	18.7%	12.8%	11.0%	0.1%	24.5%	16.7%
Foundation crumbling or has open crack or hole	2.8%	-	2.5%	-	4.5%	-	12.2%	8.3%	20.0%	15.7%	4.0%	-	5.6%	3.7%
None of the above	79.5%	83.8%	80.9%	85.7%	70.7%	75.5%	58.2%	73.6%	29.1%	46.9%	66.2%	0.1%	60.7%	71.8%
None of the above(excluding bars)	85.2%	-	86.4%	-	77.9%	-	74.2%	-	40.3%	50.7%	74.7%	0.1%	79.8%	84.4%

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	14.1%	-	15.2%	-	11.4%	13.9%	43.0%	25.1%	64.0%	48.2%	12.3%	0.1%	18.4%	-
Roof	6.0%	-	6.0%	5.6%	5.8%	7.2%	29.6%	17.4%	41.6%	33.5%	6.9%	0.1%	9.0%	-
Basement leak	5.9%	6.4%	7.4%	-	2.0%	-	16.2%	10.2%	38.8%	18.6%	2.7%	-	7.6%	8.2%
Walls, closed windows, or doors leak	3.0%	-	2.9%	-	3.5%	-	18.5%	15.8%	34.7%	17.9%	2.5%	-	3.5%	-
Other or Unknown exterior Leak	1.7%	-	1.9%	-	1.5%	-	9.9%	2.0%	15.3%	4.1%	2.0%	-	2.6%	-
INTERIOR														
Damage														
Holes in floors	1.1%	-	0.8%	-	1.7%	-	20.7%	14.2%	16.5%	12.1%	3.9%	-	2.5%	-
Open cracks or holes	6.3%	5.6%	5.0%	4.7%	9.3%	7.8%	36.6%	17.9%	58.1%	48.1%	12.7%	0.1%	12.3%	7.9%
Broken plaster or peeling paint	3.1%	-	2.3%	-	4.9%	-	17.5%	16.0%	33.7%	30.9%	5.8%	0.1%	6.7%	4.2%
Water Leakage During Last 12 Months														
With leakage from inside structure	12.0%	9.6%	10.2%	8.4%	16.4%	12.2%	33.7%	25.2%	53.0%	38.4%	17.9%	0.1%	15.0%	10.3%
Fixtures backed up or overflowed	2.9%	-	2.5%	-	4.0%	5.2%	9.8%	16.5%	27.1%	22.6%	6.1%	0.1%	5.6%	-
Pipes leaked	5.3%	4.2%	4.6%	-	6.9%	5.9%	24.0%	13.4%	29.3%	22.6%	8.6%	0.1%	7.5%	4.0%
Broken water heater	1.4%	-	1.2%	-	1.8%	-	10.2%	2.3%	4.1%	-	1.6%	-	1.5%	-
Other or Unknown	3.9%	-	2.9%	-	6.6%	2.2%	12.7%	2.3%	25.8%	8.7%	5.1%	0.1%	3.5%	-
Rodents														
Signs of rats in last 3 mon.	0.5%	-	0.3%	-	1.3%	-	6.2%	14.9%	<0.1%	10.1%	0.8%	-	1.8%	-

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
Signs of mice in last 3 mon.	12.8%	11.3%	9.5%	-	21.1%	14.8%	43.4%	37.4%	30.5%	-	27.2%	0.1%	32.2%	23.7%
Signs of rodents, not sure which kind in last 3 mon.	0.5%	-	0.2%	-	1.0%	-	<0.1%	-	3.2%	-	0.8%	-	1.5%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Exposed wiring	0.7%	-	0.7%	-	0.7%	-	<0.1%	5.5%	1.9%	-	1.7%	-	<0.1%	0.5%
Rooms without electric outlets	0.9%	-	0.3%	-	2.4%	-	10.0%	5.2%	4.6%	-	2.4%	-	1.7%	-
Fuses/breakers blown in last 3 mon.	13.5%	33.7%	14.0%	40.5%	12.3%	18.7%	13.5%	37.9%	23.1%	38.8%	8.9%	0.1%	14.1%	24.2%
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Sanitation														
Lacking complete kitchen facilities	0.8%	-	0.2%	-	2.4%	-	<0.1%	2.5%	29.7%	41.0%	0.6%	-	0.7%	-
Lacking some or all plumbing facilities	0.9%	-	0.9%	-	1.2%	-	51.9%	47.8%	<0.1%	-	1.8%	-	1.0%	-
Water not safe to drink	5.5%	7.6%	4.8%	6.3%	7.2%	10.3%	13.0%	15.9%	13.1%	14.8%	6.3%	0.1%	6.2%	7.9%
Water stoppage in last 3 mon.	5.8%	4.7%	5.3%	4.2%	7.0%	5.8%	29.6%	12.6%	14.1%	10.1%	8.8%	0.1%	4.8%	-
No flush toilets working some time in last 3 mon.	2.5%	-	1.7%	-	4.5%	-	13.6%	15.9%	15.5%	13.9%	4.0%	-	4.7%	-
With sewage disposal breakdowns in last 3 mon.	1.8%	-	1.6%	-	2.2%	-	6.8%	8.2%	6.6%	-	0.5%	-	2.3%	-
Septic tank, cesspool, chemical toilet	13.5%	15.1%	17.2%	20.1%	4.5%	-	6.5%	8.0%	7.6%	9.3%	6.6%	0.1%	<0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	-	0.3%	-	<0.1%	0.4%	<0.1%	2.4%	<0.1%	1.6%	<0.1%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	64.1%	-	62.4%	-	68.4%	-	55.3%	59.5%	62.8%	67.3%	59.6%	0.1%	63.7%	-

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
Steam or hot water system	14.0%	15.6%	14.3%	15.9%	13.2%	15.1%	19.1%	22.1%	19.1%	21.3%	22.7%	0.1%	28.0%	-
Electric heat pump	17.7%	-	19.6%	-	12.9%	11.5%	9.3%	-	7.6%	5.3%	10.5%	0.1%	3.6%	-
Built-in electric units	2.1%	-	1.9%	-	2.5%	-	6.7%	1.7%	2.0%	-	2.7%	-	1.5%	-
Floor, wall, or other built-in hot air without ducts	1.3%	-	1.1%	-	1.8%	-	3.4%	-	4.4%	-	2.9%	-	2.4%	-
Room heaters with flue	0.3%	-	0.1%	-	0.8%	-	<0.1%	1.8%	4.0%	-	0.5%	-	0.6%	-
Room heaters without flue	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Portable electric heaters	0.1%	-	0.1%	-	0.2%	-	3.4%	-	<0.1%	1.4%	<0.1%	-	0.2%	-
Stoves	0.2%	-	0.3%	-	<0.1%	-	2.8%	-	<0.1%	0.8%	0.5%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	2.5%	<0.1%	-	<0.1%	-	<0.1%	0.2%
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Water Heating Fuel														
Electricity	41.9%	-	43.6%	-	37.8%	-	40.0%	42.5%	36.2%	24.7%	33.8%	0.1%	18.8%	14.1%
Gas, LP/bottled gas	54.0%	-	51.8%	-	59.6%	-	53.5%	-	61.7%	68.6%	62.2%	0.1%	79.1%	-
Fuel oil	4.0%	-	4.6%	5.5%	2.6%	-	6.5%	1.7%	2.1%	6.7%	4.0%	-	2.1%	-
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%	0.3%	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.3%
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Clothes Dryer(,000)	810	698	687	579	124	119	7	8	14	17	50	<1	140	124
Have Clothes Dryer	80.0%	75.8%	95.1%	-	42.6%	-	40.9%	54.1%	52.7%	-	49.2%	0.1%	57.8%	54.1%
Electricity	77.3%	-	76.0%	-	84.2%	78.8%	61.3%	74.9%	68.3%	75.1%	75.7%	0.1%	63.2%	52.7%
Gas, LP gas (liquid propane)	22.6%	26.1%	23.9%	27.2%	15.3%	21.2%	38.7%	25.1%	31.7%	24.9%	23.2%	0.1%	36.8%	47.1%
Other	0.1%	-	0.1%	-	0.4%	-	<0.1%	-	<0.1%	-	1.1%	-	<0.1%	0.2%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	11.6%	5.5%	10.5%	3.9%	14.4%	9.3%	59.4%	52.8%	40.6%	20.1%	18.9%	0.1%	13.1%	7.4%
Heating equipment breakdowns	3.2%	-	2.6%	-	4.7%	-	41.3%	44.9%	10.4%	6.0%	5.1%	0.1%	4.5%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
	Other causes	8.4%	3.1%	8.2%	2.3%	8.7%	5.1%	20.7%	14.3%	33.9%	13.0%	13.0%	0.1%	8.7%
Utility interruption	3.9%	-	4.5%	-	2.3%	-	<0.1%	2.0%	10.2%	<0.1%	2.3%	-	0.8%	-
Inadequate heating capacity	1.4%	-	1.1%	-	2.2%	-	15.5%	1.9%	10.8%	5.8%	4.6%	-	2.4%	-
Inadequate insulation	1.9%	-	1.5%	-	3.1%	-	15.5%	7.2%	20.6%	5.0%	5.8%	0.1%	3.5%	-
Cost of heating	1.4%	-	1.5%	-	1.1%	-	15.5%	6.5%	13.5%	0.9%	3.3%	-	2.7%	-
Other	1.9%	-	1.6%	-	2.7%	-	7.2%	<0.1%	8.9%	5.1%	2.4%	-	3.3%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	18	14	8	8	10	7	18	14	.	.	4	.	8	7
Severe physical problems	1.7%	-	1.1%	-	3.3%	-	100%	-	.	.	3.5%	<0.1%	3.2%	-
Plumbing	0.9%	-	0.8%	-	1.2%	-	51.9%	47.8%	.	.	1.8%	<0.1%	1.0%	-
Heating	0.7%	-	0.2%	-	1.7%	-	37.9%	44.9%	.	.	1.2%	<0.1%	1.4%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	3.7%	.	.	<0.1%	<0.1%	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	<0.1%	<0.1%	-
Upkeep	0.3%	-	0.2%	-	0.4%	-	14.5%	10.9%	.	.	1.3%	<0.1%	1.1%	-
Moderate Physical Problems(,000)	27	33	12	11	15	22	.	.	27	33	5	.	12	13
Moderate physical problems	2.6%	-	1.7%	-	5.1%	7.6%	.	.	100%	-	4.8%	<0.1%	5.0%	5.8%
Plumbing	0.2%	-	0.1%	-	0.4%	-	.	.	8.1%	-	1.2%	<0.1%	0.5%	-
Heating	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	1.5%	<0.1%	<0.1%	<0.1%	-
Upkeep	0.8%	-	0.2%	-	2.4%	-	.	.	29.7%	41.0%	0.6%	<0.1%	0.7%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	4.0%	<0.1%	<0.1%	<0.1%	-
Kitchen	1.7%	-	1.5%	-	2.3%	-	.	.	64.1%	49.8%	3.0%	<0.1%	3.8%	-

OVERALL OPINION OF STRUCTURE

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
	1(worst)	0.7%	-	0.2%	-	2.0%	-	7.4%	8.8%	4.5%	-	2.4%	-	1.0%
2	0.2%	-	0.2%	-	0.2%	-	<0.1%	-	<0.1%	4.5%	<0.1%	-	0.3%	-
3	0.5%	-	0.2%	-	1.0%	-	3.1%	-	7.4%	1.7%	1.3%	-	1.0%	-
4	1.0%	-	0.7%	-	1.9%	-	7.8%	1.7%	<0.1%	2.2%	2.5%	-	1.6%	-
5	5.0%	5.4%	2.9%	-	10.2%	9.4%	7.0%	5.1%	22.1%	16.0%	11.6%	0.1%	9.3%	7.7%
6	5.0%	5.5%	3.5%	-	8.6%	9.2%	13.0%	1.7%	2.4%	10.8%	7.5%	0.1%	9.4%	8.7%
7	14.5%	-	13.0%	11.8%	18.3%	20.2%	9.7%	17.6%	29.6%	18.2%	7.4%	0.1%	17.6%	-
8	31.1%	28.3%	31.8%	28.6%	29.4%	27.8%	35.9%	30.9%	21.9%	20.8%	22.1%	0.1%	27.8%	-
9	15.7%	14.8%	17.9%	16.7%	10.3%	-	2.9%	12.2%	<0.1%	7.8%	14.0%	0.1%	10.4%	11.9%
10(best)	26.2%	29.4%	29.6%	34.4%	18.1%	-	13.2%	17.9%	12.1%	16.4%	31.1%	0.1%	21.5%	24.3%

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