

**American Housing Survey - Selected Elements Related to Health Homes
Philadelphia, PA-NJ in 2003 and 1999 ***

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
Total Occupied Units,(000)	1,790	1,814	1,286	1,291	503	524	33	48	73	76	234	232	601	621
GENERAL														
Owner occupied,(000)	1,286	1,291	1,286	1,291	.	.	19	29	36	37	109	119	357	381
Renter occupied,(000)	503	524	.	.	503	524	14	19	37	38	125	112	244	240
Owner occupied	71.9%	-	100%	-	.	.	58.7%	-	48.8%	-	46.6%	51.5%	59.4%	-
Renter occupied	28.1%	-	.	.	100%	-	41.3%	39.0%	51.2%	-	53.4%	48.5%	40.6%	-
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Units in Structure														
1, detached	45.6%	-	59.8%	-	9.4%	10.0%	28.7%	42.6%	14.2%	20.0%	19.8%	23.6%	9.0%	-
1, attached	33.6%	36.9%	35.8%	-	27.8%	37.0%	40.2%	34.2%	43.1%	45.6%	50.2%	-	65.7%	70.1%
2 to 4	8.5%	7.7%	1.5%	-	26.4%	21.6%	7.0%	4.1%	21.8%	13.7%	12.5%	8.3%	12.7%	10.5%
5 to 9	3.2%	-	0.8%	-	9.4%	8.2%	11.6%	7.6%	5.0%	7.3%	6.5%	5.9%	5.1%	-
10 to 19	3.3%	-	0.3%	-	11.0%	10.0%	9.9%	2.2%	5.8%	7.1%	3.6%	-	2.0%	-
20 to 49	1.8%	-	0.2%	-	6.1%	4.3%	2.6%	-	5.7%	1.5%	2.5%	-	1.2%	-
50 or more	3.2%	-	0.6%	-	9.8%	8.9%	<0.1%	7.3%	4.5%	-	4.9%	-	4.4%	-
Manufactured /mobile home or trailer	0.6%	-	0.9%	-	<0.1%	-	<0.1%	-	<0.1%	2.1%	<0.1%	1.1%	<0.1%	0.2%
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Year Structure Built														
Post-2000	2.8%	-	3.7%	-	0.6%	-	<0.1%	-	1.1%	-	1.6%	-	<0.1%	-
Post-1980	19.4%	17.5%	23.5%	20.8%	9.0%	9.5%	6.8%	10.5%	7.3%	10.2%	8.3%	12.0%	5.7%	5.4%
Pre-1980	80.6%	-	76.5%	-	91.0%	-	93.2%	-	92.7%	-	91.7%	-	94.3%	-
Pre-1960	52.4%	56.7%	51.1%	55.6%	55.8%	59.2%	56.4%	72.9%	71.5%	78.4%	67.2%	70.6%	76.3%	81.8%
Pre-1940	30.1%	34.0%	27.7%	31.7%	36.1%	39.8%	34.9%	44.1%	49.2%	62.1%	40.4%	47.2%	55.1%	59.5%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	1,418	1,476	1,230	1,230	188	246	23	37	42	50	164	173	449	492
With a basement under all of house	65.5%	-	65.7%	-	63.9%	-	81.7%	65.7%	78.0%	-	75.6%	-	86.2%	-
With a basement under part of house	17.2%	-	17.3%	18.6%	16.6%	10.2%	9.9%	17.4%	16.6%	18.8%	12.9%	10.3%	9.1%	-
With a crawl space	4.1%	-	4.4%	5.1%	2.1%	-	4.4%	-	<0.1%	-	3.2%	-	0.5%	-
On a concrete slab	13.1%	-	12.5%	11.5%	16.8%	22.0%	4.0%	12.4%	5.4%	1.8%	7.6%	8.7%	4.2%	5.5%
In some other way	0.2%	-	0.1%	-	0.6%	-	<0.1%	-	<0.1%	-	0.7%	-	<0.1%	0.9%
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EXTERIOR														
External Building Conditions														
Sagging roof	1.6%	-	1.5%	-	1.7%	-	3.1%	-	12.4%	18.1%	3.4%	-	1.6%	-
Missing roofing material	3.7%	-	2.9%	-	6.0%	4.3%	10.9%	<0.1%	23.2%	20.6%	5.4%	6.0%	5.4%	-
Hole in roof	1.7%	-	1.3%	-	2.8%	-	4.3%	-	17.0%	21.5%	6.2%	5.3%	2.9%	-
Missing bricks, siding, other outside wall material	3.3%	-	2.7%	-	5.0%	3.3%	13.7%	2.7%	19.5%	-	6.5%	1.0%	4.6%	-
Sloping outside walls	1.2%	-	0.6%	-	2.6%	-	2.8%	-	8.3%	5.0%	4.0%	-	1.7%	-
Boarded up windows	0.9%	-	0.6%	-	1.7%	-	3.7%	-	4.5%	-	3.7%	-	1.8%	-
Broken windows	3.6%	-	3.3%	-	4.3%	-	<0.1%	7.5%	17.9%	14.2%	9.7%	5.0%	6.4%	3.6%
Bars on windows	6.7%	8.6%	5.4%	6.9%	10.1%	12.5%	15.6%	10.7%	11.3%	15.9%	12.3%	17.4%	19.5%	22.7%
Foundation crumbling or has open crack or hole	2.6%	-	2.2%	-	3.6%	-	6.7%	11.1%	17.4%	10.3%	6.6%	2.5%	3.8%	-
None of the above	79.2%	73.9%	83.2%	77.8%	69.2%	64.4%	58.0%	64.4%	46.1%	36.5%	63.5%	-	62.1%	-

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	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
Water Leakage During Last 12 Months														
With leakage from outside structure	18.4%	24.3%	19.5%	27.1%	15.6%	17.6%	31.7%	29.8%	67.3%	58.5%	19.1%	17.8%	18.4%	25.8%
Roof	6.9%	10.6%	6.5%	11.6%	7.6%	8.4%	12.3%	6.4%	49.6%	36.7%	11.4%	-	10.5%	15.5%
Basement	10.7%	13.2%	12.8%	16.1%	5.1%	6.1%	16.7%	12.6%	41.7%	23.8%	8.0%	7.2%	7.4%	10.3%
Walls, closed windows, or doors	5.1%	6.2%	5.1%	6.0%	5.2%	6.4%	15.3%	18.5%	33.6%	20.3%	4.7%	5.4%	5.2%	7.1%
Other or Unknown	1.9%	-	2.0%	-	1.8%	-	9.9%	7.5%	15.1%	9.2%	3.0%	-	2.5%	-
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INTERIOR														
Damage														
Holes in floors	1.1%	-	0.6%	-	2.4%	-	<0.1%	2.7%	17.6%	13.0%	3.2%	-	1.7%	-
Open cracks or holes	6.8%	7.4%	5.6%	6.0%	9.9%	10.8%	20.6%	23.0%	56.2%	53.2%	13.8%	8.7%	11.9%	-
Broken plaster or peeling paint	4.1%	5.1%	4.0%	-	4.3%	6.9%	10.2%	15.8%	52.0%	46.4%	6.7%	6.0%	6.4%	7.8%
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Water Leakage During Last 12 Months														
With leakage from inside structure	9.7%	12.4%	8.9%	10.9%	11.8%	15.8%	23.4%	-	37.4%	47.9%	13.4%	11.7%	12.3%	15.0%
Fixtures backed up or overflowed	3.7%	-	3.6%	-	3.9%	-	17.1%	9.3%	16.0%	23.4%	4.0%	5.3%	4.3%	-
Pipes leaked	4.4%	6.9%	3.3%	5.9%	7.2%	9.5%	7.4%	16.6%	26.3%	-	8.3%	5.0%	5.5%	8.5%
Broken water heater	0.6%	-	0.8%	-	<0.1%	2.0%	3.8%	-	6.3%	8.9%	1.1%	-	1.0%	-
Other or Unknown	2.2%	-	2.3%	-	1.8%	-	<0.1%	2.6%	4.1%	13.6%	1.8%	-	3.2%	-

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	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
Rodents														
Signs of rats in last 3 mon.	0.7%	-	0.6%	-	0.9%	-	<0.1%	10.7%	8.1%	3.9%	1.4%	-	2.3%	-
Signs of mice in last 3 mon.	13.0%	-	11.3%	-	17.6%	-	23.3%	32.8%	38.3%	29.2%	23.7%	25.9%	25.6%	-
Signs of rodents, not sure which kind in last 3 mon.	0.5%	-	0.3%	-	1.2%	-	<0.1%	3.4%	5.0%	-	0.7%	-	1.3%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Exposed wiring	1.4%	-	1.3%	-	1.7%	-	3.2%	-	<0.1%	1.5%	1.6%	-	0.8%	-
Rooms without electric outlets	2.2%	-	2.1%	-	2.6%	-	6.2%	2.6%	3.5%	11.9%	3.8%	-	2.6%	-
Fuses/breakers blown in last 3 mon.	9.9%	14.2%	9.7%	14.5%	10.5%	13.3%	20.5%	17.2%	19.7%	18.6%	7.8%	12.5%	10.7%	14.6%
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Sanitation														
Lacking complete kitchen facilities	1.0%	-	0.5%	-	2.4%	-	3.0%	7.1%	24.4%	31.6%	0.4%	-	1.6%	-
Lacking some or all plumbing facilities	1.0%	-	0.9%	-	1.2%	-	54.3%	-	<0.1%	-	1.8%	-	1.2%	-
Water not safe to drink	7.2%	9.7%	5.1%	7.7%	12.6%	14.4%	8.1%	18.8%	17.6%	21.7%	15.9%	11.9%	13.7%	16.5%
Water stoppage in last 3 mon.	1.5%	-	0.9%	-	3.0%	5.8%	2.6%	13.6%	3.4%	6.7%	2.2%	-	1.7%	-
No flush toilets working some time in last 3 mon.	2.1%	-	1.6%	-	3.5%	5.5%	12.1%	13.3%	6.4%	10.6%	5.1%	6.2%	3.1%	-
With sewage disposal breakdowns in last 3 mon.	1.4%	-	1.7%	-	0.5%	-	10.0%	5.8%	<0.1%	6.1%	1.8%	-	1.1%	-
Septic tank, cesspool, chemical toilet	9.4%	10.0%	12.0%	-	2.8%	-	3.3%	13.8%	7.1%	-	6.3%	4.8%	0.3%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	-	0.4%	-	<0.1%	0.2%	<0.1%	-	<0.1%	-	<0.1%	0.4%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	55.6%	-	57.0%	-	52.1%	49.4%	44.4%	53.9%	54.1%	41.0%	55.4%	-	52.5%	48.4%
Steam or hot water system	32.8%	-	32.7%	-	33.1%	-	51.7%	33.3%	37.8%	46.0%	32.1%	39.2%	40.6%	43.6%
Electric heat pump	5.0%	-	5.3%	-	4.5%	5.2%	<0.1%	7.9%	<0.1%	2.6%	4.4%	-	1.7%	-
Built-in electric units	3.9%	-	2.8%	-	6.5%	7.0%	<0.1%	2.8%	4.1%	-	4.4%	-	1.3%	-
Floor, wall, or other built-in hot air without ducts	1.8%	-	1.5%	-	2.6%	-	<0.1%	2.1%	1.3%	-	3.1%	-	2.6%	-
Room heaters with flue	0.5%	-	0.3%	-	1.1%	-	3.9%	-	<0.1%	1.2%	0.6%	-	1.1%	-
Room heaters without flue	0.1%	-	0.2%	-	<0.1%	0.2%	<0.1%	-	2.7%	-	<0.1%	-	0.2%	-
Portable electric heaters	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Stoves	0.2%	-	0.3%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Water Heating Fuel														
Electricity	24.2%	-	22.8%	-	27.7%	25.3%	13.8%	29.6%	18.9%	16.4%	16.5%	13.9%	9.5%	7.6%
Gas, LP/bottled gas	65.5%	-	64.9%	-	67.0%	-	76.2%	66.0%	73.8%	-	79.4%	-	87.9%	-
Fuel oil	10.1%	10.9%	12.2%	-	4.8%	7.0%	10.0%	4.4%	7.3%	8.8%	4.1%	6.2%	2.4%	-
Other	0.2%	-	0.1%	-	0.4%	-	<0.1%	-	<0.1%	-	<0.1%	0.9%	0.2%	-

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Clothes Dryer Fuel(,000)	1,369	1,329	1,167	1,137	202	192	17	31	43	35	110	115	373	352
Electricity	63.8%	-	61.0%	-	79.5%	-	87.8%	78.4%	61.6%	74.8%	63.2%	-	49.4%	-
Gas, LP gas (liquid propane)	36.2%	-	39.0%	-	20.5%	-	12.2%	21.6%	38.4%	25.2%	36.8%	-	50.6%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	8.1%	9.5%	6.4%	7.4%	13.3%	15.8%	45.3%	56.4%	31.2%	29.6%	10.1%	12.5%	11.6%	12.7%
Heating equipment breakdowns	3.6%	-	2.9%	-	5.3%	4.7%	43.7%	46.0%	9.4%	5.7%	4.1%	-	4.4%	-
Other causes	4.1%	5.3%	3.4%	-	5.8%	8.8%	6.3%	16.9%	20.2%	21.3%	4.6%	6.3%	6.3%	6.9%
Utility interruption	0.5%	-	0.6%	-	0.3%	-	<0.1%	6.3%	<0.1%	6.0%	0.6%	-	0.7%	-
Inadequate heating capacity	0.5%	-	0.2%	-	1.3%	-	<0.1%	7.8%	1.6%	-	<0.1%	1.1%	1.1%	-
Inadequate insulation	1.1%	-	0.8%	-	2.0%	-	3.4%	-	14.6%	5.2%	2.7%	-	2.3%	-
Cost of heating	0.7%	-	0.8%	-	0.4%	-	<0.1%	3.5%	2.9%	5.5%	<0.1%	1.2%	0.7%	-
Other	1.6%	-	1.5%	-	2.0%	-	3.0%	5.3%	4.9%	5.5%	1.5%	-	2.2%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	33	48	19	29	14	19	33	48	.	.	7	8	15	20
Severe physical problems	1.9%	-	1.5%	-	2.7%	-	100%	-	.	.	2.8%	-	2.5%	-
Plumbing	1.0%	-	0.9%	-	1.2%	-	54.3%	-	.	.	1.8%	-	1.2%	-
Heating	0.8%	-	0.5%	-	1.5%	-	43.7%	-	.	.	1.0%	-	1.4%	-
Electric	0.1%	-	0.1%	-	<0.1%	-	3.2%	-	.	.	<0.1%	-	<0.1%	-
Hallways	0.1%	-	<0.1%	-	0.2%	-	3.7%	-	.	.	<0.1%	-	0.2%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	5.3%	.	.	<0.1%	-	<0.1%	-

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Moderate Physical Problems(,000)	73	76	36	37	37	38	.	.	73	76	18	12	43	42
Moderate physical problems	4.1%	-	2.8%	-	7.4%	-	.	.	100%	-	7.5%	5.1%	7.1%	-
Plumbing	0.2%	-	<0.1%	-	0.6%	-	.	.	4.5%	-	1.4%	-	0.4%	-
Heating	0.1%	-	0.2%	-	<0.1%	0.2%	.	.	2.7%	-	<0.1%	-	0.2%	-
Upkeep	1.0%	-	0.4%	-	2.4%	-	.	.	24.4%	31.6%	0.4%	-	1.4%	-
Hallways	0.2%	-	<0.1%	-	0.8%	-	.	.	5.7%	2.6%	1.0%	-	0.5%	-
Kitchen	2.8%	-	2.2%	-	4.3%	-	.	.	67.9%	62.9%	6.2%	3.1%	5.3%	4.4%
OVERALL OPINION OF STRUCTURE														
1(worst)	0.2%	-	0.1%	-	0.4%	-	<0.1%	3.0%	1.4%	-	0.4%	-	0.4%	-
2	0.5%	-	0.2%	-	1.5%	-	<0.1%	2.1%	4.5%	-	2.1%	-	1.1%	-
3	0.7%	-	0.5%	-	1.3%	-	3.5%	5.7%	4.3%	-	1.8%	-	1.0%	-
4	1.0%	-	0.6%	-	2.1%	-	<0.1%	2.5%	3.9%	-	2.1%	-	2.2%	-
5	7.0%	6.2%	5.0%	-	12.3%	10.6%	8.0%	-	14.6%	20.7%	9.7%	10.5%	11.7%	9.1%
6	5.3%	6.3%	5.1%	-	5.7%	8.9%	14.3%	2.4%	7.1%	8.6%	7.6%	6.6%	8.2%	7.6%
7	13.2%	15.0%	11.5%	12.2%	17.7%	21.9%	12.9%	17.6%	16.1%	8.9%	14.3%	15.9%	14.6%	18.3%
8	29.6%	-	30.3%	27.9%	27.9%	29.5%	36.7%	29.1%	28.2%	36.7%	21.5%	24.5%	27.0%	30.6%
9	17.0%	14.8%	19.1%	16.5%	11.6%	10.5%	3.7%	9.3%	11.0%	4.3%	12.7%	14.4%	12.0%	11.2%
10(best)	25.4%	27.4%	27.7%	32.6%	19.5%	14.7%	20.9%	-	8.9%	17.2%	27.8%	23.3%	21.9%	-

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