

**American Housing Survey - Selected Elements Related to Healthy Homes
Philadelphia, PA-NJ in 2009 and 2003**

2003 is only reported if >=5% (relative) and 0.1% (absolute) different from

2009 (otherwise "-" is listed).

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2009	2003	2009	2003	2009	2003	2009	2003	2009	2003	2009	2003	2009	2003
Total Occupied Units(,000)	1,734	1,790	1,238	1,286	497	503	29	33	55	73	256	234	531	601
GENERAL														
Owner occupied(,000)	1,238	1,286	1,238	1,286	.	.	15	19	22	36	114	109	296	357
Renter occupied(,000)	497	503	.	.	497	503	14	14	33	37	142	125	235	244
Owner occupied	71.4%	-	100%	-	.	.	52.4%	58.7%	40.2%	48.8%	44.4%	46.6%	55.8%	59.4%
Renter occupied	28.6%	-	.	.	100%	-	47.6%	41.3%	59.8%	51.2%	55.6%	-	44.2%	40.6%
Units in Structure														
1, detached	46.8%	-	61.6%	-	9.9%	9.4%	37.8%	28.7%	14.6%	-	20.6%	-	6.0%	9.0%
1, attached	33.4%	-	34.2%	-	31.5%	27.8%	32.9%	40.2%	35.2%	43.1%	50.0%	-	69.3%	65.7%
2 to 4	6.9%	8.5%	1.3%	-	20.9%	26.4%	11.7%	7.0%	15.8%	21.8%	12.7%	-	11.1%	12.7%
5 to 9	2.6%	-	0.7%	-	7.4%	9.4%	2.9%	11.6%	11.0%	5.0%	3.9%	6.5%	3.5%	5.1%
10 to 19	3.7%	-	0.4%	-	12.1%	11.0%	<0.1%	9.9%	8.5%	5.8%	4.3%	-	2.4%	-
20 to 49	2.4%	-	0.3%	-	7.6%	6.1%	7.9%	2.6%	2.8%	5.7%	2.0%	-	1.3%	-
50 or more	3.3%	-	0.5%	-	10.3%	-	6.8%	0.1%	12.1%	4.5%	6.2%	4.9%	6.5%	4.4%
Manufactured /mobile home or trailer	0.8%	-	0.9%	-	0.3%	-	<0.1%	-	<0.1%	-	0.4%	-	<0.1%	-
Year Structure Built														
Post-2000	5.9%	2.8%	7.5%	3.7%	1.8%	-	<0.1%	-	<0.1%	1.1%	1.8%	-	1.3%	-
Post-1980	21.9%	19.4%	26.2%	23.5%	11.4%	9.0%	8.2%	6.8%	0.6%	7.3%	9.1%	8.3%	5.7%	-
Pre-1980	78.1%	-	73.8%	-	88.6%	-	91.8%	-	99.4%	92.7%	90.9%	-	94.3%	-
Pre-1960	52.2%	-	50.4%	-	56.6%	-	57.9%	-	77.4%	71.5%	69.1%	-	78.0%	-
Pre-1940	28.1%	30.1%	25.6%	27.7%	34.4%	-	37.1%	34.9%	47.1%	-	46.0%	40.4%	52.2%	55.1%

<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>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	1,391	1,418	1,185	1,230	206	188	20	23	28	42	181	164	400	449
With a basement under all of house	65.2%	-	64.8%	-	67.0%	-	55.8%	81.7%	70.0%	78.0%	70.4%	75.6%	79.4%	86.2%
With a basement under part of house	15.0%	17.2%	16.0%	17.3%	8.8%	16.6%	13.0%	9.9%	16.0%	-	10.7%	12.9%	10.7%	9.1%
With a crawl space	5.3%	4.1%	5.9%	4.4%	2.0%	-	12.8%	4.4%	3.0%	-	4.1%	-	0.6%	-
On a concrete slab	14.0%	13.1%	12.9%	-	20.5%	16.8%	18.4%	4.0%	6.3%	5.4%	14.4%	7.6%	9.0%	4.2%
In some other way	0.6%	-	0.4%	-	1.6%	-	<0.1%	-	4.7%	-	0.4%	-	0.2%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.4%	-	2.0%	-	4.6%	-	4.7%	-	19.2%	15.7%	6.1%	3.1%	5.5%	1.7%
Missing roofing material	7.2%	3.7%	6.4%	3.0%	11.8%	8.8%	14.7%	10.6%	22.6%	33.6%	8.7%	5.8%	7.7%	5.6%
Hole in roof	2.6%	-	1.9%	-	6.5%	3.1%	5.2%	6.0%	23.5%	-	4.7%	6.0%	7.2%	3.2%
Missing bricks, siding, other outside wall material	2.4%	-	2.1%	-	4.4%	9.1%	4.7%	15.6%	22.8%	24.7%	3.8%	5.6%	4.6%	5.4%
Sloping outside walls	1.5%	-	1.2%	-	3.4%	-	4.7%	-	14.3%	8.5%	3.8%	-	2.9%	-
Boarded up windows	0.6%	-	0.4%	-	1.5%	-	<0.1%	5.5%	7.5%	6.0%	1.1%	-	1.8%	-
Broken windows	3.1%	-	2.8%	-	5.1%	4.3%	4.7%	-	14.7%	20.7%	7.1%	9.6%	5.1%	6.5%
Bars on windows	5.4%	6.1%	4.9%	5.2%	8.6%	12.1%	14.4%	15.7%	16.4%	7.2%	15.3%	14.5%	16.3%	18.7%
Foundation crumbling or has open crack or hole	2.5%	-	1.8%	-	7.0%	5.5%	10.1%	5.5%	24.1%	21.1%	3.8%	7.7%	4.8%	-
None of the above	79.3%	-	81.5%	-	67.0%	-	66.7%	58.7%	30.3%	39.1%	63.8%	-	62.5%	-
None of the above(excluding bars)	83.1%	-	85.0%	-	72.3%	-	70.6%	-	41.6%	-	73.4%	-	73.8%	-

<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>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>
	Water Leakage During Last 12 Months													
With leakage from outside structure	13.1%	18.4%	14.4%	19.5%	9.8%	15.6%	27.4%	31.7%	43.2%	67.3%	12.9%	19.1%	17.1%	18.4%
Roof	6.3%	6.9%	6.9%	6.5%	4.9%	7.6%	18.0%	12.3%	29.4%	49.6%	6.2%	11.4%	10.3%	-
Basement leak	5.0%	10.7%	5.6%	12.8%	3.3%	5.1%	11.6%	16.7%	19.2%	41.7%	4.4%	8.0%	4.7%	7.4%
Walls, closed windows, or doors leak	1.9%	5.1%	2.1%	5.1%	1.3%	5.2%	3.7%	15.3%	12.3%	33.6%	1.5%	-	2.4%	5.2%
Other or Unknown exterior Leak	1.7%	-	1.8%	-	1.3%	-	<0.1%	9.9%	8.2%	15.1%	2.6%	-	2.5%	-
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INTERIOR														
Damage														
Holes in floors	1.9%	-	1.4%	-	3.0%	-	7.7%	<0.1%	25.0%	17.6%	3.9%	-	3.7%	-
Open cracks or holes	6.3%	6.8%	4.7%	5.6%	10.3%	-	10.7%	20.6%	49.8%	56.2%	10.8%	13.8%	10.8%	11.9%
Broken plaster or peeling paint	3.2%	-	2.5%	-	4.9%	-	7.7%	10.2%	35.7%	52.0%	4.8%	6.7%	5.1%	6.4%
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Water Leakage During Last 12 Months														
With leakage from inside structure	8.9%	9.7%	7.3%	8.9%	13.0%	11.8%	17.3%	23.4%	32.0%	37.4%	11.6%	13.4%	11.1%	12.3%
Fixtures backed up or overflowed	2.0%	-	1.8%	-	2.7%	-	<0.1%	17.1%	7.8%	16.0%	1.9%	-	2.5%	-
Pipes leaked	4.8%	-	3.2%	-	8.8%	7.2%	7.5%	-	23.2%	26.3%	8.1%	-	6.1%	5.5%
Broken water heater	1.0%	-	1.1%	-	0.6%	-	5.2%	3.8%	2.5%	6.3%	0.5%	-	1.0%	-
Other or Unknown	1.9%	-	1.6%	-	2.7%	-	6.1%	<0.1%	6.3%	4.1%	2.1%	-	2.1%	-
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Rodents														
Signs of rats in last 3 mon.	0.6%	-	0.3%	-	1.2%	-	3.6%	-	2.7%	8.1%	1.1%	-	1.3%	-

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	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>
Signs of mice in last 3 mon.	12.9%	-	11.9%	11.3%	15.2%	17.6%	17.1%	23.3%	25.7%	38.3%	19.7%	23.7%	22.8%	25.6%
Signs of rodents, not sure which kind in last 3 mon.	0.4%	-	0.1%	-	1.3%	-	<0.1%	-	3.1%	-	1.9%	-	0.2%	-
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Electrical														
No electrical wiring	0.2%	-	0.2%	-	<0.1%	-	6.5%	<0.1%	<0.1%	-	<0.1%	-	<0.1%	-
Exposed wiring	0.6%	-	0.5%	-	0.7%	-	7.1%	3.2%	<0.1%	-	<0.1%	1.6%	1.0%	-
Rooms without electric outlets	1.9%	-	1.7%	-	2.6%	-	15.2%	6.2%	9.7%	3.5%	3.6%	-	3.2%	-
Fuses/breakers blown in last 3 mon.	10.8%	9.9%	10.9%	9.7%	10.6%	-	13.9%	20.5%	16.0%	19.7%	9.7%	7.8%	10.9%	-
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Sanitation														
Lacking complete kitchen facilities	1.6%	-	0.6%	-	4.0%	-	3.2%	-	47.0%	24.4%	2.6%	-	2.6%	-
Lacking some or all plumbing facilities	1.0%	-	0.7%	-	1.8%	-	62.3%	54.3%	<0.1%	-	1.0%	-	0.8%	-
Water not safe to drink	6.5%	7.2%	5.3%	-	9.4%	12.6%	13.6%	8.1%	14.1%	17.6%	11.1%	15.9%	12.1%	13.7%
Water stoppage in last 3 mon.	2.6%	-	1.8%	-	4.6%	-	2.3%	-	3.1%	-	2.2%	-	2.5%	-
No flush toilets working some time in last 3 mon.	1.9%	-	1.0%	-	4.1%	-	7.8%	12.1%	7.3%	6.4%	4.7%	5.1%	3.5%	-
With sewage disposal breakdowns in last 3 mon.	1.1%	-	1.0%	-	1.3%	-	<0.1%	10.0%	4.0%	-	2.3%	-	2.2%	-
Septic tank, cesspool, chemical toilet	8.2%	9.4%	10.5%	12.0%	2.7%	-	15.6%	3.3%	3.8%	7.1%	5.3%	6.3%	0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	59.7%	55.6%	61.4%	57.0%	55.7%	52.1%	59.3%	44.4%	58.8%	54.1%	56.4%	-	55.4%	52.5%

<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>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>
	Steam or hot water system	27.8%	32.8%	26.9%	32.7%	30.2%	33.1%	19.7%	51.7%	27.4%	37.8%	33.8%	32.1%	36.6%
Electric heat pump	5.2%	-	5.9%	5.3%	3.5%	-	<0.1%	-	4.0%	-	2.2%	-	2.6%	-
Built-in electric units	3.4%	-	2.2%	-	6.3%	-	9.2%	0.1%	3.3%	-	3.8%	-	2.1%	-
Floor, wall, or other built-in hot air without ducts	3.0%	-	2.7%	-	3.7%	-	3.8%	-	3.3%	-	3.3%	-	2.2%	-
Room heaters with flue	0.3%	-	0.2%	-	0.3%	-	<0.1%	3.9%	<0.1%	-	<0.1%	0.6%	<0.1%	1.1%
Room heaters without flue	0.1%	-	0.2%	-	0.1%	-	5.1%	0.1%	2.0%	-	0.4%	-	0.3%	-
Stoves	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%	-	0.2%	-
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Water Heating Fuel														
Electricity	25.4%	-	24.1%	22.8%	28.7%	-	17.4%	13.8%	27.5%	18.9%	20.2%	16.5%	13.7%	9.5%
Gas, LP/bottled gas	65.2%	-	65.1%	-	65.5%	-	73.0%	-	70.5%	-	72.3%	79.4%	84.3%	-
Fuel oil	9.2%	10.1%	10.6%	12.2%	5.7%	4.8%	6.4%	10.0%	<0.1%	7.3%	7.1%	4.1%	1.8%	-
Other	0.1%	-	0.2%	-	0.1%	-	3.3%	-	<0.1%	-	<0.1%	-	0.1%	-
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Clothes Dryer(,000)	1,360	1,369	1,139	1,167	221	202	15	17	20	43	135	110	337	373
Have Clothes Dryer	78.5%	-	92.0%	-	44.6%	40.1%	51.5%	-	35.8%	59.4%	52.8%	46.9%	63.5%	-
Electricity	63.1%	-	61.4%	-	71.4%	79.5%	67.7%	87.8%	61.7%	-	62.7%	-	50.8%	-
Gas, LP gas (liquid propane)	36.9%	-	38.5%	-	28.6%	20.5%	32.3%	12.2%	38.3%	-	37.3%	-	49.2%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	9.9%	8.1%	8.3%	6.4%	14.2%	13.3%	47.7%	-	30.4%	-	16.6%	10.1%	13.7%	11.6%
Heating equipment breakdowns	4.3%	-	3.7%	-	5.8%	5.3%	33.5%	43.7%	13.9%	9.4%	5.4%	4.1%	5.8%	4.4%
Other causes	5.3%	4.1%	4.7%	-	6.8%	5.8%	9.9%	6.3%	15.3%	20.2%	10.2%	4.6%	7.2%	6.3%
Utility interruption	1.0%	-	1.0%	-	0.9%	-	<0.1%	-	4.1%	-	2.2%	-	0.9%	-
Inadequate heating capacity	0.7%	-	0.6%	-	1.1%	-	<0.1%	-	2.3%	-	2.2%	-	1.2%	-

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Inadequate insulation	1.2%	-	0.8%	-	2.0%	-	3.8%	-	2.3%	14.6%	2.6%	-	2.4%	-
Cost of heating	1.4%	-	1.2%	-	1.8%	-	<0.1%	-	3.9%	-	2.2%	-	2.2%	-
Other	1.4%	-	1.3%	-	1.5%	-	6.6%	3.0%	4.8%	-	2.4%	-	1.1%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	29	33	15	19	14	14	29	33	.	.	5	7	7	15
Severe physical problems	1.7%	-	1.2%	-	2.8%	-	100%	-	.	.	2.0%	-	1.3%	-
Plumbing	1.0%	-	0.7%	-	1.8%	-	62.3%	54.3%	.	.	1.0%	-	0.8%	-
Heating	0.5%	-	0.3%	-	0.9%	-	29.0%	43.7%	.	.	1.0%	-	0.5%	-
Electric	0.2%	-	0.2%	-	0.1%	-	9.1%	3.2%	.	.	<0.1%	-	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	3.7%	.	.	<0.1%	-	<0.1%	0.2%
Upkeep	0.1%	-	0.1%	-	0.2%	-	7.7%	<0.1%	.	.	<0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	55	73	22	36	33	37	.	.	55	73	19	18	36	43
Moderate physical problems	3.2%	-	1.8%	-	6.7%	7.4%	.	.	100%	-	7.5%	-	6.8%	-
Plumbing	<0.1%	-	<0.1%	-	0.2%	-	.	.	1.4%	-	<0.1%	1.4%	<0.1%	0.4%
Heating	0.1%	-	0.1%	-	<0.1%	-	.	.	2.0%	-	0.4%	-	0.2%	-
Upkeep	1.5%	-	0.6%	-	3.8%	-	.	.	47.0%	24.4%	2.6%	-	2.6%	-
Hallways	<0.1%	0.2%	<0.1%	-	<0.1%	0.8%	.	.	<0.1%	5.7%	<0.1%	1.0%	<0.1%	0.5%
Kitchen	1.6%	-	1.2%	-	2.7%	-	.	.	51.6%	67.9%	4.4%	6.2%	4.0%	5.3%
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.9%	-	0.4%	-	2.0%	-	<0.1%	-	4.0%	-	3.8%	-	1.9%	-
2	0.3%	-	<0.1%	0.2%	1.1%	-	<0.1%	-	3.9%	-	0.5%	-	0.4%	-
3	0.7%	-	0.2%	-	1.8%	-	2.6%	-	6.3%	4.3%	1.3%	-	1.1%	-

<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>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>	<i>2009</i>	<i>2003</i>
	4	0.7%	-	0.3%	-	1.7%	-	<0.1%	-	1.8%	-	1.2%	-	1.3%
5	5.1%	7.0%	3.8%	-	8.6%	12.3%	14.8%	8.0%	16.2%	14.6%	8.7%	9.7%	9.2%	11.7%
6	5.5%	-	5.4%	5.1%	5.6%	-	3.3%	14.3%	12.4%	7.1%	5.5%	7.6%	7.5%	8.2%
7	14.1%	13.2%	13.0%	11.5%	16.9%	-	28.8%	12.9%	10.6%	16.1%	15.6%	14.3%	16.5%	14.6%
8	27.3%	29.6%	27.2%	30.3%	27.6%	-	12.4%	36.7%	7.8%	28.2%	21.3%	-	24.6%	27.0%
9	16.0%	17.0%	16.2%	19.1%	15.3%	11.6%	9.2%	3.7%	16.2%	11.0%	12.4%	-	13.3%	12.0%
10(best)	29.5%	25.4%	33.5%	27.7%	19.3%	-	28.7%	20.9%	20.8%	8.9%	29.7%	27.8%	24.3%	21.9%

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