

**American Housing Survey - Selected Elements Related to Healthy Homes
Pittsburgh, PA in 2011 and 2004**

2004 is only reported if >=5% (relative) and 0.1% (absolute) different from

2011 (otherwise "-" is listed).

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Total Occupied Units(,000)	996	954	692	706	304	248	15	14	34	30	133	125	166	130
GENERAL														
Owner occupied(,000)	692	706	692	706	.	.	10	7	9	15	47	58	78	72
Renter occupied(,000)	304	248	.	.	304	248	5	7	25	15	86	67	89	59
Owner occupied	69.5%	74.0%	100%	-	.	.	64.2%	51.0%	25.8%	51.3%	35.4%	46.4%	46.8%	55.1%
Renter occupied	30.5%	26.0%	.	.	100%	-	35.8%	49.0%	74.2%	48.7%	64.6%	53.6%	53.2%	44.9%
Units in Structure														
1, detached	70.3%	-	88.9%	-	28.0%	22.3%	70.6%	50.0%	35.1%	47.8%	44.7%	50.3%	47.0%	-
1, attached	7.3%	-	4.4%	5.8%	13.9%	12.4%	12.9%	10.1%	8.3%	12.7%	13.6%	11.2%	11.4%	15.2%
2 to 4	7.4%	7.9%	1.0%	-	22.1%	26.3%	3.9%	25.4%	29.2%	19.6%	12.6%	14.4%	17.3%	15.9%
5 to 9	3.5%	-	<0.1%	-	11.3%	-	1.2%	6.0%	13.0%	6.2%	6.6%	-	8.2%	6.7%
10 to 19	2.0%	-	0.1%	-	6.3%	8.8%	3.7%	-	5.0%	3.9%	4.4%	-	2.9%	5.1%
20 to 49	2.0%	-	0.2%	-	6.1%	4.9%	3.4%	-	2.0%	-	4.8%	-	2.9%	-
50 or more	3.4%	-	0.5%	-	10.1%	11.0%	4.2%	-	2.8%	-	8.5%	6.5%	10.4%	8.6%
Manufactured /mobile home or trailer	4.1%	-	4.9%	5.9%	2.1%	-	<0.1%	6.2%	4.5%	-	4.8%	-	<0.1%	-
Year Structure Built														
Post-2000	3.9%	-	4.6%	-	2.4%	-	<0.1%	-	1.4%	-	2.0%	-	2.1%	-
Post-1980	16.6%	17.7%	18.5%	19.7%	12.2%	-	18.4%	9.5%	5.2%	8.0%	10.5%	12.0%	5.6%	7.5%
Pre-1980	83.4%	-	81.5%	-	87.8%	-	81.6%	90.5%	94.8%	-	89.5%	-	94.4%	-
Pre-1960	59.7%	-	58.6%	-	62.2%	-	65.3%	74.6%	73.2%	-	64.5%	-	80.2%	-
Pre-1940	33.3%	30.5%	28.5%	-	44.3%	37.0%	52.6%	48.9%	58.3%	46.9%	45.2%	35.5%	66.1%	55.6%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	773	733	645	647	127	86	12	9	15	18	78	77	97	80
With a basement under all of house	73.9%	-	74.9%	-	68.9%	-	75.4%	53.8%	93.8%	74.5%	71.5%	-	79.2%	-
With a basement under part of house	18.4%	16.1%	18.9%	16.6%	16.0%	12.6%	7.8%	27.9%	5.2%	12.5%	12.5%	13.7%	18.0%	15.6%
With a crawl space	2.0%	-	2.1%	-	1.5%	-	<0.1%	5.8%	<0.1%	1.4%	1.9%	-	0.4%	-
On a concrete slab	4.9%	-	3.7%	-	10.5%	11.7%	16.8%	6.7%	1.0%	7.2%	12.1%	9.0%	1.2%	-
In some other way	0.8%	-	0.4%	-	3.1%	-	<0.1%	5.7%	<0.1%	4.4%	2.0%	-	1.3%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.6%	-	1.1%	-	4.4%	-	3.5%	18.4%	4.8%	13.8%	2.7%	-	1.2%	-
Missing roofing material	3.3%	-	2.9%	-	5.0%	6.2%	12.9%	14.7%	3.6%	15.6%	7.1%	4.9%	5.0%	6.2%
Hole in roof	1.3%	-	1.1%	-	2.1%	5.2%	1.6%	15.5%	9.7%	10.2%	1.8%	-	3.6%	-
Missing bricks, siding, other outside wall material	2.6%	-	2.4%	-	3.9%	6.3%	3.0%	8.0%	12.3%	14.0%	7.5%	3.7%	1.2%	-
Sloping outside walls	1.5%	-	1.6%	-	1.3%	-	2.9%	12.1%	3.6%	5.9%	1.6%	-	1.2%	-
Boarded up windows	1.1%	-	0.9%	-	2.5%	-	3.1%	5.9%	20.1%	5.2%	3.5%	-	2.1%	-
Broken windows	3.2%	-	3.2%	-	2.9%	6.8%	3.3%	8.3%	20.0%	15.0%	7.9%	6.5%	2.7%	7.0%
Bars on windows	1.3%	-	1.4%	-	0.7%	-	<0.1%	2.9%	<0.1%	2.7%	1.6%	-	6.7%	5.3%
Foundation crumbling or has open crack or hole	3.9%	-	3.5%	-	6.3%	-	7.6%	19.5%	27.7%	-	5.9%	3.0%	8.2%	3.5%
None of the above	84.5%	-	85.6%	-	78.6%	73.7%	83.9%	58.7%	40.1%	37.9%	69.6%	75.3%	74.4%	69.9%
None of the above(excluding bars)	85.6%	-	86.9%	-	79.0%	75.0%	83.9%	61.5%	40.1%	-	70.3%	76.7%	80.0%	74.0%

<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>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	17.9%	22.9%	18.2%	24.4%	17.2%	18.9%	31.9%	-	52.0%	-	18.2%	19.8%	25.7%	23.2%
Roof	6.3%	7.7%	6.5%	7.5%	5.8%	8.5%	7.6%	22.7%	22.3%	32.9%	5.7%	6.7%	9.3%	-
Basement leak	9.0%	15.7%	9.9%	17.4%	7.0%	10.6%	25.6%	19.0%	17.9%	35.1%	7.4%	11.6%	13.9%	-
Walls, closed windows, or doors leak	3.2%	-	2.7%	-	4.2%	-	5.0%	20.3%	13.6%	21.1%	5.4%	5.0%	3.6%	-
Other or Unknown exterior Leak	1.3%	-	0.8%	-	2.3%	-	3.7%	-	5.8%	13.4%	2.3%	-	1.8%	-
INTERIOR														
Damage														
Holes in floors	0.7%	-	0.5%	-	1.1%	-	1.2%	11.4%	9.8%	-	2.8%	-	0.4%	-
Open cracks or holes	5.6%	-	4.3%	-	8.7%	7.7%	6.0%	29.8%	50.0%	-	9.3%	-	9.3%	11.1%
Broken plaster or peeling paint	4.0%	-	3.2%	-	5.9%	5.2%	16.0%	20.1%	35.4%	40.7%	6.4%	5.7%	6.1%	7.3%
Water Leakage During Last 12 Months														
With leakage from inside structure	8.0%	9.3%	6.7%	8.0%	10.9%	13.0%	18.6%	34.5%	30.6%	35.4%	9.7%	-	9.3%	13.5%
Fixtures backed up or overflowed	1.9%	-	1.6%	-	2.4%	-	10.7%	20.6%	11.3%	18.1%	2.9%	-	2.1%	-
Pipes leaked	3.1%	-	2.3%	-	4.7%	6.8%	6.6%	18.8%	18.8%	20.4%	4.8%	5.3%	2.6%	8.0%
Broken water heater	0.7%	-	0.7%	-	0.8%	-	<0.1%	5.0%	2.1%	-	0.1%	-	0.2%	-
Other or Unknown	2.6%	-	2.2%	-	3.5%	-	3.7%	5.6%	2.1%	10.0%	2.6%	-	4.4%	-
Rodents														
Signs of rats in last 3 mon.	0.9%	-	0.6%	-	1.6%	-	1.2%	6.2%	5.7%	3.1%	0.9%	-	1.6%	-

<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>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>	<i>2011</i>	<i>2004</i>
Signs of mice in last 3 mon.	12.1%	6.9%	13.9%	7.4%	7.8%	5.5%	9.0%	15.4%	14.0%	15.2%	9.8%	6.6%	10.4%	7.4%
Signs of rodents, not sure which kind in last 3 mon.	0.6%	-	0.5%	-	0.8%	-	2.1%	-	4.8%	-	1.5%	-	0.1%	-
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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%	-	1.1%	-	1.9%	-	<0.1%	5.7%	5.3%	3.1%	1.7%	-	1.4%	-
Rooms without electric outlets	0.7%	-	0.5%	-	1.3%	-	<0.1%	6.9%	5.8%	4.8%	0.8%	-	2.2%	-
Fuses/breakers blown in last 3 mon.	10.2%	-	10.6%	-	9.3%	-	22.7%	20.5%	8.3%	17.6%	8.3%	9.1%	13.5%	10.4%
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Sanitation														
Lacking complete kitchen facilities	1.8%	-	0.4%	-	4.9%	-	17.2%	7.4%	44.3%	38.7%	3.1%	-	3.8%	-
Lacking some or all plumbing facilities	0.9%	-	0.8%	-	0.9%	-	57.3%	-	<0.1%	-	0.8%	-	0.6%	-
Water not safe to drink	6.7%	4.3%	5.4%	3.8%	9.6%	5.8%	13.8%	9.0%	18.3%	13.3%	12.2%	4.7%	7.8%	-
Water stoppage in last 3 mon.	3.4%	-	2.6%	-	5.1%	5.4%	1.1%	10.6%	7.3%	-	5.1%	3.6%	4.7%	5.1%
No flush toilets working some time in last 3 mon.	1.4%	-	1.0%	-	2.2%	-	3.2%	8.6%	5.4%	8.2%	3.2%	-	1.1%	-
With sewage disposal breakdowns in last 3 mon.	2.2%	-	2.0%	-	2.5%	-	11.8%	5.3%	8.7%	2.5%	4.2%	-	2.7%	-
Septic tank, cesspool, chemical toilet	10.6%	16.8%	13.1%	20.1%	5.0%	7.5%	3.7%	16.6%	5.1%	12.3%	8.9%	12.2%	0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	-	0.2%	-	0.1%	-	1.1%	-	1.0%	-	0.4%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	80.4%	-	85.0%	-	69.8%	-	72.2%	-	62.3%	68.1%	79.1%	-	61.9%	66.5%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Steam or hot water system	12.8%	11.6%	10.5%	9.5%	18.1%	-	21.6%	9.5%	30.9%	23.0%	12.5%	13.3%	31.3%	26.7%
Electric heat pump	2.3%	-	2.4%	-	2.1%	5.0%	<0.1%	2.1%	<0.1%	-	1.3%	-	0.6%	-
Built-in electric units	2.7%	-	1.2%	-	6.0%	6.9%	3.7%	-	4.0%	-	3.4%	-	2.7%	-
Floor, wall, or other built-in hot air without ducts	0.8%	-	0.3%	-	2.1%	-	1.2%	-	1.0%	-	1.1%	-	2.0%	-
Room heaters with flue	0.3%	-	0.1%	-	0.7%	-	<0.1%	1.9%	<0.1%	1.2%	1.2%	-	<0.1%	0.5%
Room heaters without flue	0.1%	-	0.1%	-	<0.1%	-	<0.1%	1.9%	1.8%	-	<0.1%	0.2%	0.1%	-
Portable electric heaters	0.1%	-	<0.1%	-	0.4%	-	1.3%	-	<0.1%	-	0.1%	-	0.2%	-
Stoves	0.2%	-	0.2%	-	0.1%	-	<0.1%	3.4%	<0.1%	-	<0.1%	0.4%	<0.1%	-
Fireplace with inserts	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.2%
Other	0.3%	-	0.1%	-	0.6%	-	<0.1%	-	<0.1%	-	1.3%	-	1.1%	-
Cooking stove	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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Water Heating Fuel														
Electricity	24.0%	26.6%	22.2%	24.1%	27.9%	33.6%	13.0%	41.8%	17.2%	26.8%	31.9%	30.1%	12.8%	10.8%
Gas, LP/bottled gas	75.6%	-	77.3%	-	71.8%	65.7%	85.8%	58.2%	81.8%	73.2%	68.0%	-	87.0%	-
Fuel oil	0.2%	-	0.3%	-	<0.1%	0.5%	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.2%
Other	0.2%	-	0.1%	-	0.3%	-	1.2%	-	1.0%	-	0.1%	-	0.2%	-
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Clothes Dryer,(000)	830	804	670	677	160	128	12	10	19	19	88	86	104	88
Have Clothes Dryer	83.3%	-	96.9%	-	52.5%	-	81.2%	68.2%	55.2%	63.0%	66.3%	-	62.8%	67.8%
Electricity	58.1%	-	56.6%	-	64.5%	-	56.5%	63.6%	53.9%	-	64.6%	56.9%	48.3%	33.0%
Gas, LP gas (liquid propane)	41.9%	-	43.4%	-	35.5%	-	43.5%	36.4%	46.1%	-	35.4%	43.1%	51.7%	67.0%
Other	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	11.7%	8.4%	10.2%	6.9%	15.6%	13.5%	48.2%	53.3%	26.5%	-	17.3%	11.9%	12.8%	15.6%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
Heating equipment breakdowns	2.7%	-	2.1%	-	4.2%	-	45.8%	37.5%	6.0%	7.5%	4.8%	-	2.9%	6.1%
Other causes	8.4%	4.6%	8.1%	3.8%	9.0%	6.9%	13.4%	-	16.4%	15.5%	10.1%	7.4%	7.9%	-
Utility interruption	4.5%	-	5.5%	1.4%	2.1%	-	<0.1%	-	1.7%	-	4.0%	-	1.7%	-
Inadequate heating capacity	1.4%	-	0.9%	-	2.3%	-	10.7%	1.8%	0.9%	-	2.6%	-	2.6%	-
Inadequate insulation	1.3%	-	0.9%	-	2.2%	-	12.0%	8.3%	1.5%	7.0%	2.6%	-	2.8%	-
Cost of heating	1.1%	-	0.4%	-	2.6%	-	<0.1%	2.1%	9.3%	4.2%	1.5%	-	3.0%	-
Other	1.0%	-	0.5%	-	2.1%	-	1.4%	7.4%	3.0%	5.9%	2.3%	-	0.7%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	15	14	10	7	5	7	15	14	.	.	3	4	3	4
Severe physical problems	1.5%	-	1.4%	-	1.7%	-	100%	-	.	.	2.4%	-	1.5%	-
Plumbing	0.9%	-	0.8%	-	0.9%	-	57.3%	-	.	.	0.8%	-	0.6%	-
Heating	0.6%	-	0.5%	-	0.8%	-	42.7%	31.8%	.	.	1.6%	-	0.9%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	5.4%	.	.	<0.1%	-	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	0.1%	-	1.2%	9.7%	.	.	0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	34	30	9	15	25	15	.	.	34	30	11	6	11	8
Moderate physical problems	3.4%	-	1.3%	-	8.3%	5.8%	.	.	100%	-	8.1%	5.1%	6.8%	6.4%
Plumbing	0.1%	-	<0.1%	-	0.4%	-	.	.	3.9%	-	0.3%	-	<0.1%	-
Heating	0.1%	-	0.1%	-	<0.1%	-	.	.	1.8%	-	<0.1%	0.2%	0.1%	-
Upkeep	1.5%	-	0.2%	-	4.5%	-	.	.	44.3%	38.7%	3.0%	-	3.6%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-	<0.1%	-
Kitchen	1.8%	-	0.9%	-	3.7%	-	.	.	52.0%	-	4.8%	-	3.1%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004	2011	2004
	OVERALL OPINION OF STRUCTURE													
1(worst)	0.5%	-	0.2%	-	1.1%	-	2.7%	8.9%	1.3%	-	1.9%	-	0.2%	-
2	0.4%	-	0.2%	-	0.9%	-	<0.1%	3.5%	<0.1%	0.8%	1.3%	-	0.1%	-
3	0.3%	-	0.2%	-	0.5%	-	1.3%	7.5%	0.6%	-	0.3%	-	0.2%	-
4	0.6%	-	0.5%	-	0.7%	-	1.3%	-	1.7%	-	1.2%	-	0.1%	-
5	4.8%	5.6%	3.0%	-	8.9%	-	2.6%	18.9%	16.0%	14.1%	9.8%	-	6.0%	8.2%
6	4.3%	5.0%	2.9%	-	7.8%	8.4%	5.5%	4.1%	8.3%	9.3%	4.5%	5.5%	3.2%	5.7%
7	15.3%	13.5%	12.3%	11.7%	22.0%	18.6%	17.3%	7.9%	30.3%	20.9%	13.2%	-	25.7%	15.7%
8	28.1%	-	28.3%	-	27.8%	26.2%	34.7%	20.9%	18.8%	21.0%	32.4%	20.7%	32.4%	29.0%
9	14.3%	13.1%	16.2%	14.1%	10.0%	-	3.9%	6.0%	9.9%	4.6%	7.4%	8.6%	12.5%	-
10(best)	31.4%	33.0%	36.2%	-	20.5%	23.5%	30.7%	18.6%	13.1%	16.9%	28.0%	36.3%	19.6%	24.0%

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