

**American Housing Survey - Selected Elements Related to Health Homes  
2004 Oklahoma City, OK and 2005 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)	431	108,901	292	74,950	139	33,951	6	2,023	20	4,177	58	15,107	199	31,631
GENERAL														
Owner occupied(,000)	292	74,950	292	74,950	.	.	3	923	8	1,635	23	6,428	123	16,709
Renter occupied(,000)	139	33,951	.	.	139	33,951	3	1,100	12	2,542	35	8,679	76	14,922
Owner occupied	67.8%	-	100%	-	<0.1%	<0.1%	42.0%	-	41.3%	-	39.5%	-	61.7%	-
Renter occupied	32.2%	-	<0.1%	<0.1%	100%	-	58.0%	-	58.7%	-	60.5%	-	38.3%	47.2%
Units in Structure														
1, detached	72.5%	-	87.7%	-	40.3%	24.4%	66.6%	45.8%	53.8%	41.1%	52.4%	-	70.7%	49.8%
1, attached	2.3%	5.7%	0.9%	5.3%	5.4%	-	<0.1%	5.4%	0.6%	2.9%	5.1%	-	2.8%	7.6%
2 to 4	5.1%	7.4%	0.8%	2.0%	14.2%	19.2%	5.7%	12.0%	14.8%	-	10.8%	-	6.2%	12.1%
5 to 9	5.8%	4.5%	0.3%	0.7%	17.4%	12.9%	4.0%	7.8%	9.9%	-	8.1%	-	7.4%	-
10 to 19	4.2%	-	0.1%	0.7%	12.6%	-	11.5%	8.2%	6.3%	9.1%	8.9%	6.2%	6.5%	-
20 to 49	1.0%	3.5%	0.1%	0.6%	2.9%	9.8%	2.0%	6.3%	2.8%	7.8%	1.6%	5.5%	1.8%	6.4%
50 or more	1.0%	4.0%	0.1%	1.0%	2.9%	10.7%	<0.1%	8.3%	0.5%	6.3%	2.8%	8.5%	1.3%	9.0%
Manufactured /mobile home or trailer	8.1%	6.4%	10.0%	7.3%	4.2%	-	10.3%	6.2%	11.3%	6.8%	10.2%	-	3.4%	1.2%
Year Structure Built														
Post-2000	8.5%	-	10.5%	-	4.2%	-	<0.1%	2.5%	3.9%	2.6%	3.1%	5.1%	7.6%	5.5%
Post-1980	38.5%	-	43.2%	-	28.6%	-	17.2%	-	25.0%	18.6%	26.6%	-	34.0%	23.2%
Pre-1980	61.5%	-	56.8%	-	71.4%	-	82.8%	-	75.0%	-	73.4%	-	66.0%	-
Pre-1960	24.0%	33.0%	22.6%	31.5%	26.8%	36.4%	50.2%	-	40.4%	-	33.6%	-	28.8%	45.4%
Pre-1940	7.4%	16.2%	6.7%	14.2%	8.8%	20.4%	13.3%	27.7%	22.4%	26.9%	12.8%	18.9%	9.5%	24.4%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	322	76,187	259	65,704	63	10,484	4	1,037	11	1,837	33	7,409	146	18,167
With a basement under all of house	0.5%	32.8%	0.6%	34.4%	0.2%	22.6%	<0.1%	31.7%	<0.1%	15.5%	0.7%	27.8%	0.6%	32.5%
With a basement under part of house	3.0%	11.5%	3.1%	11.9%	2.4%	8.5%	11.6%	-	6.1%	7.3%	3.7%	8.1%	3.1%	8.1%
With a crawl space	26.1%	-	23.3%	-	37.7%	-	43.9%	33.9%	59.0%	-	38.4%	-	28.8%	-
On a concrete slab	69.3%	30.3%	72.3%	29.5%	56.9%	35.4%	41.6%	21.2%	28.7%	18.9%	53.9%	30.0%	66.9%	34.8%
In some other way	1.1%	0.5%	0.7%	0.4%	2.7%	1.2%	2.9%	1.7%	6.2%	0.5%	3.4%	0.9%	0.5%	-
<hr/>														
EXTERIOR														
External Building Conditions														
Sagging roof	3.0%	2.1%	2.3%	1.9%	4.5%	2.8%	14.4%	7.8%	14.7%	8.2%	3.6%	-	3.0%	2.3%
Missing roofing material	5.4%	3.8%	4.6%	3.3%	7.4%	5.0%	19.0%	10.7%	17.0%	9.0%	8.4%	5.8%	5.9%	4.5%
Hole in roof	2.1%	-	1.7%	-	2.9%	-	13.3%	7.9%	7.9%	-	2.9%	3.4%	1.8%	2.5%
Missing bricks, siding, other outside wall material	3.8%	2.8%	2.7%	2.1%	6.2%	4.1%	18.0%	9.4%	17.0%	10.2%	8.8%	4.9%	3.5%	-
Sloping outside walls	1.9%	1.3%	1.3%	0.9%	3.3%	2.2%	11.5%	6.5%	5.3%	7.0%	3.6%	2.5%	2.5%	1.4%
Boarded up windows	1.2%	1.0%	0.9%	0.6%	1.9%	-	5.4%	-	5.7%	4.4%	3.0%	-	1.1%	-
Broken windows	5.8%	3.5%	5.3%	2.9%	6.9%	4.9%	20.7%	10.3%	17.0%	12.8%	8.3%	5.8%	5.4%	4.1%
Bars on windows	2.0%	4.0%	2.2%	2.8%	1.7%	6.6%	<0.1%	7.5%	1.7%	8.7%	2.2%	6.3%	3.3%	10.2%
Foundation crumbling or has open crack or hole	3.5%	2.4%	2.9%	2.0%	4.9%	3.1%	12.0%	7.9%	9.6%	-	6.3%	3.9%	3.6%	2.9%
None of the above	79.1%	-	82.4%	-	72.2%	-	60.4%	-	48.5%	58.5%	70.6%	-	77.9%	-

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<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>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>	<i>MSA</i>	<i>National</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	9.0%	10.9%	8.7%	11.3%	9.4%	-	28.5%	18.7%	29.8%	-	9.2%	-	8.1%	11.1%
Roof	5.8%	-	5.9%	-	5.7%	-	22.5%	12.1%	22.8%	-	6.6%	-	4.8%	6.1%
Basement	0.4%	3.5%	0.5%	4.3%	0.1%	1.8%	<0.1%	4.4%	1.5%	5.0%	<0.1%	2.2%	0.5%	2.9%
Walls, closed windows, or doors	1.9%	2.4%	1.7%	2.2%	2.3%	2.9%	15.3%	7.1%	7.9%	-	2.6%	-	1.7%	2.8%
Other or Unknown	1.9%	1.3%	1.7%	1.2%	2.5%	1.4%	9.3%	2.4%	5.5%	-	1.1%	-	1.7%	1.2%
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INTERIOR														
Damage														
Holes in floors	1.1%	-	0.9%	0.7%	1.6%	-	10.9%	5.4%	7.6%	-	3.7%	2.0%	1.4%	-
Open cracks or holes	5.6%	-	5.3%	3.7%	6.3%	-	23.9%	13.9%	28.1%	-	10.0%	7.6%	5.1%	6.2%
Broken plaster or peeling paint	2.1%	-	1.8%	1.4%	2.7%	3.4%	16.5%	7.5%	19.8%	-	4.1%	-	2.2%	3.2%
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.8%	8.4%	9.5%	7.0%	16.6%	11.4%	24.3%	16.0%	27.6%	-	17.3%	9.6%	10.4%	-
Fixtures backed up or overflowed	3.6%	2.7%	3.0%	2.2%	5.1%	3.7%	7.4%	-	12.7%	-	6.8%	3.0%	3.4%	-
Pipes leaked	5.6%	3.7%	4.3%	2.7%	8.3%	5.9%	16.1%	9.2%	13.7%	-	8.1%	5.0%	4.6%	-
Broken water heater	1.7%	0.9%	1.4%	1.0%	2.4%	0.8%	<0.1%	2.1%	7.2%	3.0%	2.5%	0.8%	1.3%	0.8%
Other or Unknown	2.8%	2.2%	2.3%	-	4.0%	3.0%	8.8%	4.1%	5.2%	7.8%	4.0%	2.2%	2.3%	-

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<b>Rodents</b>														
Signs of rats in last 3 mon.	0.4%	0.9%	0.6%	-	0.2%	1.3%	<0.1%	4.6%	2.6%	4.2%	0.8%	1.4%	0.5%	1.4%
Signs of mice in last 3 mon.	9.4%	5.7%	9.3%	5.3%	9.5%	6.6%	21.8%	12.1%	16.6%	12.4%	11.3%	7.3%	6.9%	-
Signs of rodents, not sure which kind in last 3 mon.	0.2%	-	0.2%	-	0.2%	0.5%	<0.1%	1.0%	1.4%	0.8%	0.5%	-	0.2%	-
<b>Electrical</b>														
No electrical wiring	<0.1%	-	<0.1%	0.1%	<0.1%	-	<0.1%	1.5%	<0.1%	0.0%	<0.1%	0.1%	<0.1%	-
Exposed wiring	0.2%	0.6%	0.2%	0.6%	0.2%	0.7%	<0.1%	1.9%	<0.1%	1.5%	0.2%	1.1%	0.3%	0.6%
Rooms without electric outlets	1.2%	1.5%	1.1%	-	1.4%	1.9%	7.9%	-	3.8%	-	2.5%	-	1.4%	1.8%
Fuses/breakers blown in last 3 mon.	11.0%	-	10.5%	-	11.9%	9.3%	22.5%	17.6%	16.4%	-	12.4%	7.7%	8.7%	-
<b>Sanitation</b>														
Lacking complete kitchen facilities	1.5%	-	0.5%	-	3.8%	-	1.9%	7.4%	33.1%	-	2.9%	-	1.8%	2.6%
Lacking some or all plumbing facilities	0.9%	1.2%	0.6%	0.8%	1.7%	-	67.8%	-	<0.1%	0.0%	1.6%	2.4%	1.0%	1.7%
Water not safe to drink	9.2%	-	7.0%	-	14.0%	-	21.1%	14.3%	17.8%	-	16.3%	12.5%	8.2%	11.8%
Water stoppage in last 3 mon.	4.2%	3.2%	3.3%	2.6%	6.1%	4.6%	1.9%	6.4%	7.9%	-	4.0%	-	3.7%	-
No flush toilets working some time in last 3 mon.	3.4%	2.0%	2.7%	1.1%	4.9%	-	7.9%	5.4%	13.1%	10.0%	6.1%	3.5%	4.2%	2.6%
With sewage disposal breakdowns in last 3 mon.	2.7%	1.2%	2.5%	1.0%	2.9%	1.7%	1.9%	3.1%	6.1%	4.2%	2.7%	1.5%	2.7%	1.4%
Septic tank, cesspool, chemical toilet	17.5%	-	23.4%	-	5.0%	7.9%	8.9%	15.4%	19.7%	-	13.7%	16.5%	6.7%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.4%	-	0.6%	0.3%	0.1%	-	<0.1%	0.8%	<0.1%	0.6%	<0.1%	0.3%	0.1%	-

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<b>HEATING/FUEL</b>														
Main Heating Equipment														
Warm-air furnace	80.5%	62.7%	83.6%	-	73.8%	52.5%	73.2%	46.6%	45.8%	35.4%	69.6%	55.3%	79.9%	60.1%
Steam or hot water system	0.1%	11.8%	0.1%	10.3%	0.1%	15.2%	<0.1%	21.1%	<0.1%	11.7%	0.4%	12.6%	0.1%	16.5%
Electric heat pump	7.8%	11.5%	7.2%	12.1%	9.0%	-	3.9%	6.6%	4.5%	5.8%	6.9%	9.6%	7.3%	9.1%
Built-in electric units	1.2%	4.3%	0.6%	2.8%	2.5%	7.6%	3.9%	5.6%	<0.1%	5.5%	2.9%	5.9%	1.6%	3.6%
Floor, wall, or other built-in hot air without ducts	5.8%	-	4.6%	2.9%	8.4%	-	3.9%	6.8%	6.2%	-	8.4%	-	6.9%	-
Room heaters with flue	1.0%	-	0.6%	1.0%	1.8%	-	<0.1%	2.4%	<0.1%	1.4%	2.3%	-	0.9%	-
Room heaters without flue	1.9%	1.2%	1.6%	1.2%	2.7%	1.3%	5.9%	2.7%	40.4%	30.2%	5.5%	2.7%	1.7%	1.1%
Portable electric heaters	0.9%	-	0.8%	-	1.0%	1.4%	5.5%	2.6%	1.0%	1.6%	1.7%	-	0.8%	-
Stoves	0.4%	0.8%	0.5%	1.0%	0.2%	0.5%	<0.1%	2.5%	2.2%	0.7%	0.5%	1.2%	0.2%	-
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%	<0.1%	-
Fireplace without inserts	<0.1%	0.1%	<0.1%	0.1%	<0.1%	-	<0.1%	0.2%	<0.1%	0.1%	<0.1%	-	<0.1%	-
Other	0.3%	-	0.3%	-	0.3%	-	<0.1%	0.7%	<0.1%	0.4%	0.8%	0.5%	0.3%	-
No heating equipment	<0.1%	0.4%	<0.1%	0.3%	0.1%	0.6%	<0.1%	1.5%	<0.1%	0.8%	<0.1%	0.6%	0.1%	0.6%
Cooking stove	0.1%	-	0.1%	-	0.2%	-	3.8%	0.7%	<0.1%	0.2%	1.0%	0.2%	0.3%	-
Water Heating Fuel														
Electricity	33.9%	-	25.6%	37.2%	51.2%	-	29.6%	-	44.7%	-	43.2%	-	32.8%	-
Gas, LP/bottled gas	65.8%	-	74.1%	57.9%	48.4%	-	70.4%	53.8%	54.8%	-	56.2%	-	66.9%	-
Fuel oil	<0.1%	4.9%	<0.1%	4.6%	<0.1%	5.7%	<0.1%	10.1%	<0.1%	4.5%	<0.1%	4.7%	<0.1%	6.1%
Kerosene or other liquid fuel	0.1%	-	0.1%	-	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%	0.1%	-
Other	0.2%	-	0.2%	-	0.4%	-	<0.1%	0.6%	0.6%	0.1%	0.6%	0.3%	0.2%	-

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Clothes Dryer Fuel(,000)	365	86,192	281	70,363	83	15,829	4	1,063	12	2,182	37	8,546	161	20,203
Electricity	83.2%	-	81.5%	-	89.2%	-	73.3%	-	84.5%	-	86.2%	-	80.7%	-
Gas, LP gas (liquid propane)	16.7%	22.8%	18.5%	24.7%	10.8%	14.4%	26.7%	-	15.5%	-	13.8%	-	19.3%	26.7%
Other	<0.1%	-	<0.1%	-	<0.1%	0.1%	<0.1%	0.3%	<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	8.0%	-	6.8%	-	11.3%	-	48.6%	-	19.3%	-	14.6%	10.4%	9.0%	-
Heating equipment breakdowns	2.1%	-	1.8%	-	2.9%	-	35.9%	-	3.4%	2.5%	3.6%	2.8%	2.6%	-
Other causes	5.2%	-	4.9%	-	5.7%	-	20.8%	8.1%	12.6%	-	8.9%	6.7%	5.5%	-
Utility interruption	1.7%	-	2.1%	-	0.9%	-	<0.1%	1.4%	4.2%	1.8%	1.4%	-	1.7%	1.1%
Inadequate heating capacity	1.1%	-	0.7%	-	1.9%	-	10.6%	3.2%	5.2%	-	2.5%	-	1.1%	1.4%
Inadequate insulation	1.1%	-	0.6%	-	2.0%	1.5%	6.9%	3.5%	5.4%	3.6%	2.3%	1.8%	1.4%	-
Cost of heating	0.8%	-	0.9%	-	0.5%	1.0%	2.4%	1.4%	<0.1%	2.4%	2.1%	1.3%	1.0%	0.7%
Other	1.5%	-	1.4%	-	1.6%	2.1%	6.4%	2.6%	3.8%	-	3.1%	2.0%	1.4%	1.9%
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	6	2,023	3	923	3	1,100	6	2,023	.	.	2	583	3	860
Severe physical problems	1.4%	1.9%	0.8%	1.2%	2.5%	3.2%	100%	-	.	.	2.9%	3.9%	1.6%	2.7%
Plumbing	0.9%	1.2%	0.6%	0.8%	1.7%	-	67.8%	-	.	.	1.6%	2.4%	1.0%	1.7%
Heating	0.5%	-	0.3%	-	0.7%	1.2%	33.9%	-	.	.	1.1%	-	0.5%	0.9%
Electric	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	<0.1%	3.5%	.	.	<0.1%	0.2%	<0.1%	0.1%
Hallways	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%	.	.	<0.1%	0.0%	<0.1%	0.0%
Upkeep	<0.1%	-	<0.1%	-	0.1%	-	1.9%	2.6%	.	.	0.2%	-	<0.1%	0.1%

\* = 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/](http://www.healthyhometraining.org/ahs/) for more info.

**American Housing Survey - Selected Elements Related to Health Homes  
2004 Oklahoma City, OK and 2005 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
Moderate Physical Problems(,000)	20	4,177	8	1,635	12	2,542	.	.	20	4,177	6	1,125	10	1,709
Moderate physical problems	4.6%	-	2.8%	2.2%	8.4%	-	.	.	100%	-	11.2%	7.4%	5.0%	-
Plumbing	0.2%	-	0.1%	-	0.5%	-	.	.	5.0%	3.7%	0.7%	0.3%	0.4%	-
Heating	1.9%	1.2%	1.5%	1.1%	2.7%	1.2%	.	.	40.4%	30.2%	5.3%	2.5%	1.7%	1.0%
Upkeep	1.5%	-	0.5%	-	3.7%	-	.	.	33.1%	-	2.7%	-	1.8%	2.3%
Hallways	0.1%	-	<0.1%	-	0.2%	-	.	.	1.2%	3.2%	<0.1%	0.2%	0.1%	-
Kitchen	1.1%	-	0.9%	-	1.7%	-	.	.	24.9%	-	3.4%	2.0%	1.2%	1.7%
OVERALL OPINION OF STRUCTURE														
1(worst)	0.7%	0.5%	0.3%	-	1.7%	1.0%	3.8%	-	3.9%	2.5%	1.9%	1.4%	0.9%	-
2	0.4%	-	0.2%	-	1.0%	0.7%	2.0%	1.4%	2.2%	1.7%	0.2%	0.7%	0.5%	-
3	0.7%	-	0.5%	-	1.2%	-	2.1%	-	1.2%	2.5%	1.2%	-	0.9%	-
4	1.7%	0.9%	0.9%	0.5%	3.5%	2.0%	13.8%	2.9%	7.2%	3.0%	3.5%	1.7%	1.6%	-
5	7.6%	5.3%	4.9%	3.5%	13.3%	9.3%	12.8%	-	13.6%	-	13.9%	9.1%	8.9%	6.8%
6	5.2%	-	3.9%	-	8.0%	-	7.5%	-	7.9%	-	5.4%	-	5.4%	-
7	14.7%	-	12.4%	-	19.8%	-	11.8%	15.6%	19.0%	-	16.4%	-	15.3%	-
8	27.6%	-	28.5%	-	25.6%	-	21.2%	-	22.4%	-	19.5%	24.5%	27.3%	-
9	14.1%	-	16.2%	-	9.7%	11.7%	5.9%	12.0%	6.5%	9.7%	11.2%	-	14.0%	-
10(best)	27.2%	-	32.3%	-	16.2%	19.7%	19.0%	-	16.2%	-	26.7%	-	25.2%	-

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