

**American Housing Survey - Selected Elements Related to Healthy Homes
2004 San Antonio, TX and 2005 National**

National statistic only reported if Metropolitan Statistical Area (MSA) is $\geq 20\%$ (relative) and 0.25% (absolute) different from national (otherwise "-" is listed).

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)	587	108,871	382	74,931	205	33,940	11	2,021	52	4,188	97	15,096	405	31,581
GENERAL														
Owner occupied(,000)		74,931		74,931		.		922		1,648		6,430		16,699
Renter occupied(,000)		33,940		.		33,940		1,099		2,540		8,666		14,882
Owner occupied		68.8%		100%		<0.1%		45.6%		39.4%		42.6%		52.9%
Renter occupied		31.2%		<0.1%		100%		54.4%		60.6%		57.4%		47.1%
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Units in Structure														
1, detached	69.5%	-	89.8%	-	31.8%	24.4%	53.1%	-	71.2%	41.3%	55.1%	43.5%	67.8%	49.8%
1, attached	2.0%	5.7%	1.3%	5.3%	3.4%	6.4%	1.5%	5.4%	1.5%	2.8%	2.3%	5.6%	2.2%	7.6%
2 to 4	6.5%	-	0.8%	2.0%	17.0%	-	7.0%	12.0%	10.4%	16.7%	12.8%	-	7.8%	12.0%
5 to 9	5.8%	4.5%	0.4%	0.7%	16.0%	-	7.9%	-	5.4%	9.1%	8.8%	-	7.8%	-
10 to 19	5.8%	4.4%	0.2%	0.7%	16.1%	12.3%	15.6%	8.1%	4.6%	9.1%	8.2%	6.3%	7.4%	-
20 to 49	2.9%	-	0.2%	0.6%	8.0%	9.8%	8.5%	6.4%	1.3%	7.8%	3.2%	5.5%	3.7%	6.4%
50 or more	1.6%	4.0%	0.4%	1.0%	3.9%	10.7%	<0.1%	8.3%	0.9%	6.3%	3.7%	8.5%	2.0%	9.0%
Manufactured /mobile home or trailer	5.8%	-	6.9%	-	3.9%	-	6.4%	-	4.7%	6.8%	5.8%	10.1%	1.3%	-
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Year Structure Built														
Post-2000	9.2%	-	10.9%	-	6.1%	4.8%	1.5%	2.4%	0.3%	2.5%	6.1%	-	8.5%	5.5%
Post-1980	43.6%	34.5%	44.7%	-	41.4%	27.4%	19.3%	-	18.3%	-	28.6%	-	38.7%	23.2%
Pre-1980	56.4%	-	55.3%	-	58.6%	72.6%	80.7%	-	81.7%	-	71.4%	-	61.3%	76.8%
Pre-1960	23.2%	33.0%	24.4%	31.5%	21.0%	36.4%	32.7%	49.0%	52.6%	-	32.9%	-	27.2%	45.5%
Pre-1940	5.7%	16.2%	6.0%	14.2%	5.2%	20.4%	9.4%	27.7%	15.5%	26.9%	8.6%	18.9%	6.4%	24.4%

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
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	420	76,154	348	65,675	72	10,479	6	1,037	38	1,849	55	7,410	284	18,146
With a basement under all of house	0.1%	32.8%	0.1%	34.4%	<0.1%	22.6%	<0.1%	31.6%	<0.1%	15.5%	0.3%	27.8%	0.1%	32.5%
With a basement under part of house	0.3%	11.5%	0.3%	11.9%	0.4%	8.5%	<0.1%	11.5%	<0.1%	7.2%	0.2%	8.1%	0.3%	8.1%
With a crawl space	23.4%	-	21.1%	-	34.3%	-	46.9%	34.1%	65.6%	-	39.0%	-	25.3%	-
On a concrete slab	74.3%	30.2%	76.6%	29.4%	62.9%	35.3%	47.9%	21.1%	29.1%	18.6%	58.2%	29.9%	72.8%	34.8%
In some other way	2.0%	0.5%	1.9%	0.4%	2.4%	1.2%	5.2%	1.7%	5.3%	0.5%	2.3%	0.9%	1.6%	0.5%
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	4.1%	2.1%	3.5%	1.9%	6.7%	3.8%	16.4%	8.7%	12.6%	-	5.9%	4.0%	4.7%	2.4%
Missing roofing material	4.5%	3.5%	4.2%	3.3%	5.9%	4.7%	20.2%	10.3%	13.9%	-	6.9%	5.4%	4.9%	-
Hole in roof	2.9%	1.7%	2.4%	1.4%	5.4%	3.5%	6.8%	8.3%	13.5%	10.7%	6.0%	3.7%	3.5%	2.3%
Missing bricks, siding, other outside wall material	7.3%	2.6%	6.1%	2.1%	12.8%	5.3%	29.3%	9.4%	19.6%	13.6%	11.0%	5.6%	8.0%	3.0%
Sloping outside walls	3.6%	1.3%	3.1%	0.9%	6.4%	3.1%	18.3%	7.2%	10.9%	-	5.1%	2.7%	4.0%	1.5%
Boarded up windows	1.8%	0.8%	1.7%	0.6%	2.3%	-	10.9%	4.4%	6.0%	-	3.3%	2.5%	2.3%	1.0%
Broken windows	7.4%	3.6%	6.8%	3.0%	10.4%	7.1%	21.8%	10.4%	18.7%	-	11.6%	6.6%	9.3%	4.2%
Bars on windows	15.1%	2.8%	14.2%	2.5%	19.0%	4.2%	26.9%	4.8%	32.6%	6.7%	24.3%	4.7%	21.2%	8.2%
Foundation crumbling or has open crack or hole	4.5%	2.4%	4.0%	2.1%	6.5%	4.2%	16.6%	8.4%	10.2%	-	8.6%	4.0%	5.3%	3.1%
None of the above	68.1%	84.3%	70.4%	85.7%	56.9%	76.1%	41.8%	70.3%	33.3%	55.0%	55.3%	75.9%	62.3%	77.6%
None of the above(excluding bars)	78.2%	-	80.3%	-	68.4%	-	53.0%	72.0%	52.5%	-	69.7%	-	76.6%	-
Water Leakage During Last 12 Months														

<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>
With leakage from outside structure	11.0%	-	10.4%	-	12.2%	-	22.1%	-	30.0%	-	14.6%	10.2%	11.3%	-
Roof	7.8%	5.7%	7.5%	5.8%	8.3%	5.4%	19.9%	12.0%	25.9%	18.4%	11.5%	6.0%	8.0%	6.1%
Basement leak	0.1%	3.5%	<0.1%	4.3%	0.3%	1.8%	<0.1%	4.4%	<0.1%	5.0%	<0.1%	2.2%	0.1%	2.9%
Walls, closed windows, or doors leak	2.9%	-	2.6%	-	3.5%	-	6.3%	-	8.4%	-	2.7%	-	2.8%	-
Other or Unknown exterior Leak	1.7%	1.2%	1.4%	-	2.3%	1.4%	1.8%	2.4%	2.5%	4.7%	2.8%	1.0%	1.9%	1.2%
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INTERIOR														
Damage														
Holes in floors	2.0%	0.9%	1.9%	0.7%	2.2%	1.4%	13.7%	5.4%	11.3%	8.2%	2.7%	2.0%	2.1%	1.1%
Open cracks or holes	9.1%	4.8%	8.5%	3.7%	10.4%	7.2%	22.1%	13.9%	31.7%	-	10.8%	7.6%	10.0%	6.2%
Broken plaster or peeling paint	3.8%	2.0%	3.4%	1.4%	4.7%	3.4%	17.5%	7.5%	18.8%	-	4.0%	-	4.3%	3.2%
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Water Leakage During Last 12 Months														
With leakage from inside structure	12.6%	8.4%	10.4%	7.0%	16.8%	11.4%	26.2%	16.0%	23.2%	-	11.9%	-	14.2%	9.7%
Fixtures backed up or overflowed	5.3%	2.7%	4.5%	2.2%	6.8%	3.7%	13.0%	7.3%	11.9%	-	5.6%	3.1%	5.9%	3.1%
Pipes leaked	5.1%	3.7%	4.0%	2.7%	7.2%	-	9.8%	-	11.4%	15.4%	5.3%	-	6.0%	4.5%
Broken water heater	1.1%	-	1.1%	-	1.2%	0.8%	7.0%	2.1%	1.2%	3.0%	<0.1%	0.8%	1.0%	-
Other or Unknown	3.5%	2.2%	2.5%	1.9%	5.4%	3.0%	9.9%	4.1%	4.9%	7.8%	3.2%	2.2%	3.8%	2.6%
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Rodents														
Signs of rats in last 3 mon.	3.1%	0.9%	3.0%	0.7%	3.3%	1.3%	16.3%	4.6%	15.0%	4.2%	5.4%	1.5%	3.9%	1.4%
Signs of mice in last 3 mon.	4.3%	5.7%	4.4%	-	4.1%	6.6%	12.0%	-	13.1%	-	5.1%	7.3%	3.6%	6.0%

<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>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>
Signs of rodents, not sure which kind in last 3 mon.	0.6%	0.3%	0.5%	0.2%	0.7%	0.5%	3.2%	1.0%	1.9%	0.8%	0.5%	-	0.7%	-
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Electrical														
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	0.3%	0.6%	0.3%	0.6%	0.1%	0.7%	2.8%	1.9%	0.3%	1.5%	0.2%	1.1%	0.3%	0.6%
Rooms without electric outlets	1.5%	-	1.0%	-	2.4%	-	2.8%	6.4%	2.1%	3.3%	2.6%	-	1.5%	-
Fuses/breakers blown in last 3 mon.	11.3%	-	11.6%	9.0%	10.8%	-	19.2%	-	18.5%	14.3%	10.7%	7.7%	11.9%	-
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Sanitation														
Lacking complete kitchen facilities	1.6%	-	0.6%	0.3%	3.4%	4.2%	4.1%	7.4%	16.8%	36.9%	2.6%	3.2%	1.8%	2.6%
Lacking some or all plumbing facilities	1.3%	-	0.7%	-	2.3%	-	66.4%	-	<0.1%	0.0%	1.7%	2.4%	1.3%	1.7%
Water not safe to drink	8.8%	-	8.4%	-	9.8%	13.7%	21.7%	14.4%	14.6%	18.3%	11.5%	-	10.1%	-
Water stoppage in last 3 mon.	6.0%	3.2%	3.6%	2.6%	10.6%	4.6%	12.4%	6.3%	7.8%	-	6.4%	3.7%	6.8%	3.6%
No flush toilets working some time in last 3 mon.	4.4%	2.0%	3.3%	1.1%	6.4%	4.0%	7.5%	5.4%	11.4%	-	8.5%	3.5%	5.4%	2.6%
With sewage disposal breakdowns in last 3 mon.	2.6%	1.2%	2.1%	1.0%	3.4%	1.7%	10.6%	3.0%	3.7%	-	4.2%	1.5%	3.0%	1.4%
Septic tank, cesspool, chemical toilet	11.5%	20.4%	15.3%	26.0%	4.4%	7.9%	8.1%	15.2%	10.2%	17.1%	8.3%	16.5%	0.9%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.2%	-	0.3%	-	0.2%	-	<0.1%	0.8%	0.3%	0.6%	<0.1%	0.3%	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	66.6%	-	68.0%	-	63.9%	-	54.3%	-	18.8%	35.2%	53.0%	-	66.6%	-
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%	0.3%	12.6%	0.1%	16.5%

<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>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>
Electric heat pump	14.6%	11.5%	14.8%	-	14.3%	10.0%	5.5%	6.8%	7.6%	5.8%	10.5%	-	11.9%	9.1%
Built-in electric units	0.7%	4.3%	0.6%	2.8%	0.9%	7.6%	1.3%	5.6%	0.3%	5.5%	1.1%	5.9%	0.8%	3.7%
Floor, wall, or other built-in hot air without ducts	3.9%	4.7%	3.7%	2.9%	4.3%	8.6%	4.2%	6.8%	2.7%	6.2%	7.1%	-	4.5%	6.5%
Room heaters with flue	0.4%	1.2%	0.3%	1.0%	0.5%	1.6%	1.9%	2.4%	0.7%	1.4%	1.0%	2.1%	0.4%	0.9%
Room heaters without flue	5.4%	1.2%	5.6%	1.2%	5.0%	1.3%	6.8%	2.7%	59.4%	30.4%	11.1%	2.7%	6.4%	1.1%
Portable electric heaters	6.0%	0.8%	5.1%	0.6%	7.7%	1.4%	16.9%	2.6%	9.3%	1.6%	11.1%	1.8%	7.2%	1.0%
Stoves	0.1%	0.8%	0.2%	1.0%	<0.1%	0.5%	1.5%	2.5%	<0.1%	0.7%	<0.1%	1.2%	<0.1%	<0.1%
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%	1.3%	0.2%	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other	1.1%	0.3%	0.9%	0.2%	1.6%	0.4%	1.5%	0.7%	0.3%	-	2.2%	0.5%	1.2%	0.4%
No heating equipment	0.4%	-	0.1%	-	0.8%	-	<0.1%	1.5%	0.3%	0.8%	1.2%	0.6%	0.4%	-
Cooking stove	0.5%	0.1%	0.4%	0.1%	0.7%	0.2%	4.8%	0.7%	0.6%	0.2%	1.5%	0.2%	0.5%	0.2%
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Water Heating Fuel														
Electricity	47.2%	-	42.4%	-	56.0%	44.1%	38.8%	-	25.5%	39.8%	40.2%	-	40.3%	29.7%
Gas, LP/bottled gas	52.4%	-	57.3%	-	43.4%	-	59.5%	-	74.1%	55.6%	58.7%	-	59.3%	-
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%	-
Other	0.4%	-	0.3%	-	0.5%	0.3%	1.7%	0.6%	0.3%	-	1.0%	0.3%	0.4%	-
Clothes Dryer,(000)	449	86,169	350	70,348	99	15,821	5	1,060	30	2,193	50	8,541	288	20,176
Have Clothes Dryer	76.5%	-	91.7%	-	48.1%	-	42.6%	52.5%	58.3%	-	52.1%	-	71.1%	-
Electricity	87.5%	-	86.0%	-	92.9%	-	81.0%	-	77.5%	-	84.9%	-	84.3%	-
Gas, LP gas (liquid propane)	12.5%	22.9%	14.0%	24.8%	7.1%	14.5%	19.0%	23.4%	22.5%	17.2%	15.1%	-	15.7%	26.8%
Other	<0.1%	-	<0.1%	-	<0.1%	0.1%	<0.1%	0.3%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	-
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Heating Problems														

<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>
Uncomfortably cold for 24 hours or more last winter	6.7%	-	6.0%	-	8.3%	11.0%	43.8%	-	17.8%	-	13.1%	10.5%	7.7%	-
Heating equipment breakdowns	1.9%	-	2.0%	-	1.9%	3.3%	28.5%	-	1.5%	2.5%	2.7%	-	2.3%	2.9%
Other causes	4.0%	-	3.9%	-	4.2%	5.9%	11.8%	8.1%	14.7%	-	8.5%	6.7%	4.5%	-
Utility interruption	0.2%	1.5%	0.2%	1.7%	0.2%	0.9%	<0.1%	1.4%	0.9%	1.8%	0.2%	1.3%	<0.1%	1.1%
Inadequate heating capacity	1.7%	0.9%	1.4%	0.5%	2.4%	-	1.5%	3.2%	7.6%	4.9%	4.4%	2.1%	2.2%	1.4%
Inadequate insulation	1.2%	0.8%	1.4%	0.5%	0.9%	1.5%	7.1%	3.5%	6.0%	3.7%	2.8%	1.9%	1.4%	-
Cost of heating	0.5%	0.7%	0.5%	-	0.5%	1.0%	2.9%	1.4%	2.1%	-	0.5%	1.3%	0.6%	-
Other	0.9%	1.4%	1.0%	-	0.8%	2.1%	4.1%	2.6%	2.5%	4.5%	1.9%	-	1.0%	1.9%

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	11	2,021	5	922	6	1,099	11	2,021	.	.	3	583	9	859
Severe physical problems	1.9%	-	1.4%	-	2.9%	-	100%	-	.	.	2.6%	3.9%	2.1%	2.7%
Plumbing	1.3%	-	0.7%	-	2.3%	-	66.4%	-	.	.	1.7%	2.4%	1.3%	1.7%
Heating	0.6%	-	0.6%	-	0.5%	1.2%	28.5%	-	.	.	0.8%	1.2%	0.7%	-
Electric	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	<0.1%	3.6%	.	.	<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	0.2%	-	0.2%	-	0.1%	-	8.0%	2.6%	.	.	0.2%	-	0.2%	-
Moderate Physical Problems(,000)	52	4,188	29	1,648	23	2,540	.	.	52	4,188	16	1,131	42	1,704
Moderate physical problems	8.8%	3.8%	7.6%	2.2%	11.2%	7.5%	.	.	100%	-	16.0%	7.5%	10.3%	5.4%
Plumbing	0.4%	0.1%	0.2%	-	0.8%	0.3%	.	.	4.8%	3.7%	1.0%	0.3%	0.6%	0.2%
Heating	5.3%	1.2%	5.5%	1.1%	4.8%	1.2%	.	.	59.4%	30.4%	10.9%	2.5%	6.3%	1.0%
Upkeep	1.5%	-	0.5%	-	3.3%	-	.	.	16.8%	36.9%	2.4%	-	1.7%	2.3%
Hallways	0.1%	-	<0.1%	-	0.4%	-	.	.	1.5%	3.2%	0.2%	-	0.1%	-
Kitchen	2.6%	1.1%	2.3%	0.7%	3.1%	2.0%	.	.	29.0%	-	3.5%	2.0%	2.7%	1.7%

<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>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>
OVERALL OPINION OF STRUCTURE														
1(worst)	0.9%	0.5%	0.4%	-	1.8%	1.0%	5.0%	3.5%	3.5%	2.5%	2.4%	1.4%	0.9%	-
2	0.4%	-	0.2%	-	0.7%	-	<0.1%	1.4%	0.6%	1.7%	0.6%	-	0.5%	-
3	1.2%	0.7%	0.6%	0.3%	2.3%	1.4%	2.8%	2.0%	3.4%	2.5%	1.7%	-	1.4%	1.0%
4	1.1%	-	0.9%	0.5%	1.4%	2.0%	7.1%	2.9%	2.0%	3.1%	1.6%	-	1.1%	1.4%
5	6.9%	5.3%	5.1%	3.4%	10.3%	-	18.8%	12.4%	17.2%	13.2%	10.4%	-	7.4%	-
6	5.1%	-	4.1%	-	6.9%	-	5.7%	8.3%	5.5%	8.1%	5.6%	-	5.2%	-
7	14.1%	-	11.9%	-	18.1%	-	10.4%	15.6%	11.5%	17.3%	11.5%	-	14.4%	-
8	27.0%	-	27.2%	-	26.5%	-	22.5%	-	24.6%	-	22.5%	-	27.5%	-
9	14.6%	-	15.9%	-	12.2%	-	5.7%	12.0%	8.8%	-	9.6%	12.2%	14.3%	-
10(best)	28.8%	-	33.6%	-	19.8%	-	22.0%	-	22.8%	-	34.3%	-	27.5%	-

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