

**American Housing Survey - Selected Elements Related to Health Homes
2004 Denver, CO 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)	856	108,901	601	74,950	255	33,951	13	2,023	29	4,177	86	15,107	230	31,631
GENERAL														
Owner occupied(,000)	601	74,950	601	74,950	.	.	5	923	8	1,635	35	6,428	132	16,709
Renter occupied(,000)	255	33,951	.	.	255	33,951	8	1,100	21	2,542	51	8,679	97	14,922
Owner occupied	70.2%	-	100%	-	<0.1%	<0.1%	37.4%	45.6%	26.7%	39.1%	40.7%	-	57.6%	-
Renter occupied	29.8%	-	<0.1%	<0.1%	100%	-	62.6%	-	73.3%	-	59.3%	-	42.4%	-
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Units in Structure														
1, detached	63.2%	-	81.5%	-	20.0%	24.4%	26.9%	45.8%	20.1%	41.1%	42.3%	-	53.7%	-
1, attached	9.8%	5.7%	9.3%	5.3%	11.1%	6.4%	14.2%	5.4%	1.6%	2.9%	8.4%	5.6%	7.7%	-
2 to 4	3.7%	7.4%	1.4%	2.0%	9.0%	19.2%	14.6%	-	10.4%	16.8%	5.4%	12.7%	5.8%	12.1%
5 to 9	4.2%	-	1.7%	0.7%	10.1%	12.9%	15.0%	7.8%	6.0%	9.2%	8.4%	-	5.8%	7.1%
10 to 19	6.4%	4.4%	1.3%	0.7%	18.4%	12.3%	13.4%	8.2%	24.6%	9.1%	12.5%	6.2%	8.2%	-
20 to 49	6.9%	3.5%	1.4%	0.6%	19.7%	9.8%	5.3%	-	23.1%	7.8%	11.7%	5.5%	9.0%	6.4%
50 or more	3.9%	-	0.9%	-	10.9%	-	3.6%	8.3%	11.4%	6.3%	8.3%	-	9.7%	-
Manufactured /mobile home or trailer	2.0%	6.4%	2.5%	7.3%	0.9%	4.2%	6.9%	-	2.9%	6.8%	2.9%	10.0%	0.1%	1.2%
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Year Structure Built														
Post-2000	10.9%	8.0%	12.0%	9.4%	8.2%	4.8%	3.5%	2.5%	7.3%	2.6%	4.8%	-	4.1%	5.5%
Post-1980	41.4%	-	44.0%	-	35.2%	27.4%	21.5%	-	25.2%	18.6%	27.3%	-	15.6%	23.2%
Pre-1980	58.6%	-	56.0%	-	64.8%	-	78.5%	-	74.8%	-	72.7%	-	84.4%	-
Pre-1960	23.5%	33.0%	23.2%	31.5%	24.1%	36.4%	29.8%	49.0%	31.3%	48.5%	31.2%	-	56.1%	-
Pre-1940	8.1%	16.2%	7.4%	14.2%	9.5%	20.4%	13.2%	27.7%	12.5%	26.9%	10.5%	18.9%	25.9%	-

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	625	76,187	545	65,704	79	10,484	5	1,037	6	1,837	43	7,409	141	18,167
With a basement under all of house	47.5%	32.8%	48.9%	34.4%	38.2%	22.6%	42.6%	31.7%	39.0%	15.5%	48.9%	27.8%	43.8%	32.5%
With a basement under part of house	27.7%	11.5%	29.3%	11.9%	16.7%	8.5%	16.9%	11.5%	32.8%	7.3%	21.4%	8.1%	26.9%	8.1%
With a crawl space	15.7%	24.9%	14.8%	23.8%	21.5%	32.3%	22.4%	33.9%	21.0%	57.8%	19.0%	33.2%	19.2%	24.0%
On a concrete slab	7.4%	30.3%	5.5%	29.5%	20.9%	35.4%	13.6%	21.2%	3.6%	18.9%	10.1%	30.0%	8.2%	34.8%
In some other way	1.7%	0.5%	1.6%	0.4%	2.7%	1.2%	4.4%	1.7%	3.6%	0.5%	0.5%	0.9%	1.9%	0.5%
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EXTERIOR														
External Building Conditions														
Sagging roof	1.7%	2.1%	1.7%	-	1.8%	2.8%	8.4%	-	7.0%	-	2.2%	3.4%	2.8%	-
Missing roofing material	4.4%	-	4.5%	3.3%	4.1%	5.0%	5.8%	10.7%	6.4%	9.0%	5.7%	-	4.6%	-
Hole in roof	1.6%	1.9%	1.4%	-	2.1%	3.0%	8.4%	-	3.7%	8.4%	3.1%	-	3.3%	2.5%
Missing bricks, siding, other outside wall material	2.4%	-	2.1%	-	3.0%	4.1%	9.5%	-	3.3%	10.2%	3.7%	4.9%	3.9%	3.1%
Sloping outside walls	1.7%	1.3%	1.5%	0.9%	2.1%	-	5.9%	-	4.1%	7.0%	1.9%	2.5%	2.5%	1.4%
Boarded up windows	1.0%	-	0.7%	-	1.6%	-	1.6%	4.4%	3.9%	-	1.5%	2.4%	2.2%	1.3%
Broken windows	4.0%	-	3.6%	-	4.9%	-	9.1%	-	9.5%	12.8%	5.9%	-	5.2%	4.1%
Bars on windows	7.9%	4.0%	7.3%	2.8%	9.2%	6.6%	14.0%	7.5%	21.1%	8.7%	10.2%	6.3%	20.5%	10.2%
Foundation crumbling or has open crack or hole	2.6%	-	2.5%	-	2.9%	-	4.0%	7.9%	6.3%	7.9%	3.7%	-	3.2%	-
None of the above	77.3%	-	80.2%	-	70.5%	-	57.3%	-	53.6%	-	69.6%	-	62.2%	-

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Water Leakage During Last 12 Months														
With leakage from outside structure	8.7%	10.9%	8.9%	11.3%	8.3%	-	20.4%	-	22.8%	27.6%	8.1%	10.2%	8.1%	11.1%
Roof	4.2%	5.7%	4.3%	5.8%	3.9%	5.4%	10.4%	-	14.7%	18.3%	3.2%	6.0%	4.6%	6.1%
Basement	1.9%	3.5%	2.2%	4.3%	1.1%	1.8%	4.6%	-	5.6%	-	1.0%	2.2%	2.1%	2.9%
Walls, closed windows, or doors	2.5%	-	2.4%	-	2.7%	-	12.2%	7.1%	4.9%	9.1%	4.7%	2.8%	1.8%	2.8%
Other or Unknown	1.4%	-	1.4%	-	1.4%	-	<0.1%	2.4%	6.6%	4.7%	1.5%	1.0%	0.9%	1.2%
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INTERIOR														
Damage														
Holes in floors	0.6%	0.9%	0.4%	-	0.9%	1.5%	1.8%	5.4%	5.0%	8.2%	0.9%	2.0%	0.9%	-
Open cracks or holes	5.2%	-	4.5%	-	6.9%	-	22.9%	13.9%	22.2%	29.1%	7.8%	-	7.7%	6.2%
Broken plaster or peeling paint	1.6%	2.0%	1.1%	1.4%	2.7%	3.4%	9.3%	-	11.5%	19.0%	3.1%	-	2.9%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.4%	8.4%	10.9%	7.0%	12.4%	-	26.3%	16.0%	28.7%	-	12.4%	9.6%	11.6%	-
Fixtures backed up or overflowed	4.9%	2.7%	4.6%	2.2%	5.6%	3.7%	11.4%	7.3%	12.6%	-	5.2%	3.0%	4.6%	3.1%
Pipes leaked	4.7%	3.7%	4.2%	2.7%	5.9%	-	14.7%	9.2%	14.3%	-	7.1%	5.0%	4.8%	-
Broken water heater	1.3%	0.9%	1.4%	1.0%	1.2%	0.8%	4.7%	2.1%	6.5%	3.0%	0.7%	-	1.5%	0.8%
Other or Unknown	3.1%	2.2%	3.1%	1.9%	3.1%	-	7.1%	4.1%	10.8%	7.8%	2.8%	2.2%	2.9%	-

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Rodents														
Signs of rats in last 3 mon.	0.1%	0.9%	0.1%	0.7%	0.3%	1.3%	4.2%	-	0.8%	4.2%	0.5%	1.4%	0.2%	1.4%
Signs of mice in last 3 mon.	6.0%	-	6.2%	-	5.6%	-	11.5%	-	5.8%	12.4%	6.9%	-	4.8%	6.0%
Signs of rodents, not sure which kind in last 3 mon.	0.1%	-	0.1%	-	0.2%	-	<0.1%	1.0%	<0.1%	0.8%	<0.1%	0.6%	0.3%	-
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%	0.2%	0.6%	0.5%	-	1.6%	-	0.9%	1.5%	1.1%	-	0.5%	-
Rooms without electric outlets	1.7%	-	1.6%	1.3%	1.9%	-	9.1%	6.3%	1.5%	3.3%	2.2%	-	1.3%	1.8%
Fuses/breakers blown in last 3 mon.	11.9%	9.1%	12.9%	9.0%	9.6%	-	25.3%	17.6%	17.5%	-	8.6%	-	12.8%	9.7%
Sanitation														
Lacking complete kitchen facilities	2.7%	1.6%	0.6%	0.3%	7.6%	4.2%	9.7%	7.4%	75.6%	37.0%	4.5%	3.2%	6.1%	2.6%
Lacking some or all plumbing facilities	0.8%	1.2%	0.6%	-	1.4%	1.9%	56.0%	-	<0.1%	0.0%	0.6%	2.4%	1.1%	1.7%
Water not safe to drink	5.6%	9.2%	4.5%	7.2%	8.1%	13.7%	22.1%	14.3%	5.6%	18.4%	12.6%	-	5.8%	11.8%
Water stoppage in last 3 mon.	4.0%	-	3.0%	-	6.6%	4.6%	14.9%	6.4%	9.9%	7.7%	6.7%	3.8%	5.1%	3.6%
No flush toilets working some time in last 3 mon.	2.5%	-	1.6%	1.1%	4.6%	-	7.2%	5.4%	9.0%	-	4.8%	3.5%	2.7%	-
With sewage disposal breakdowns in last 3 mon.	2.4%	1.2%	2.5%	1.0%	2.3%	1.7%	9.2%	3.1%	3.3%	4.2%	2.7%	1.5%	2.7%	1.4%
Septic tank, cesspool, chemical toilet	3.6%	20.4%	4.6%	26.0%	1.3%	7.9%	2.1%	15.4%	1.4%	17.0%	2.5%	16.5%	<0.1%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.1%	-	<0.1%	0.2%	2.1%	0.8%	<0.1%	0.6%	<0.1%	0.3%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	83.7%	62.7%	88.3%	67.4%	72.8%	52.5%	77.0%	46.6%	62.5%	35.4%	75.6%	55.3%	73.5%	-
Steam or hot water system	11.4%	-	8.7%	-	17.7%	-	19.3%	-	27.2%	11.7%	16.6%	12.6%	19.7%	-
Electric heat pump	1.2%	11.5%	0.4%	12.1%	3.2%	10.0%	<0.1%	6.6%	2.3%	5.8%	2.1%	9.6%	1.6%	9.1%
Built-in electric units	2.0%	4.3%	1.3%	2.8%	3.7%	7.6%	1.6%	5.6%	4.0%	5.5%	3.7%	5.9%	2.9%	3.6%
Floor, wall, or other built-in hot air without ducts	1.4%	4.7%	1.1%	2.9%	2.0%	8.6%	<0.1%	6.8%	2.3%	6.2%	1.8%	7.2%	1.7%	6.5%
Room heaters with flue	0.1%	1.2%	0.1%	1.0%	0.3%	1.6%	<0.1%	2.4%	<0.1%	1.4%	<0.1%	2.1%	0.1%	0.9%
Room heaters without flue	0.1%	1.2%	0.1%	1.2%	<0.1%	1.3%	<0.1%	2.7%	1.7%	30.2%	<0.1%	2.7%	0.1%	1.1%
Portable electric heaters	0.1%	0.8%	<0.1%	0.6%	0.1%	1.4%	2.0%	2.6%	<0.1%	1.6%	<0.1%	1.9%	0.2%	1.0%
Stoves	<0.1%	-	<0.1%	-	<0.1%	0.5%	<0.1%	2.5%	<0.1%	0.7%	<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%	<0.1%	0.2%	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other	0.1%	-	<0.1%	0.2%	0.2%	-	<0.1%	0.7%	<0.1%	0.4%	0.3%	-	0.2%	-
No heating equipment	<0.1%	0.4%	<0.1%	0.3%	<0.1%	0.6%	<0.1%	1.5%	<0.1%	-	<0.1%	0.6%	<0.1%	0.6%
Cooking stove	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.2%	<0.1%	0.7%	<0.1%	0.2%	<0.1%	0.2%	<0.1%	0.2%
Water Heating Fuel														
Electricity	12.2%	39.4%	9.3%	37.2%	18.8%	44.1%	17.3%	35.5%	10.3%	39.6%	20.4%	45.8%	12.6%	29.8%
Gas, LP/bottled gas	86.4%	55.4%	90.2%	57.9%	77.6%	49.9%	82.7%	53.8%	84.0%	55.7%	77.3%	49.2%	83.4%	63.8%
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	1.4%	0.3%	0.5%	-	3.6%	0.3%	<0.1%	0.6%	5.7%	0.1%	2.3%	0.3%	4.0%	0.3%

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Clothes Dryer Fuel(,000)	701	86,192	573	70,363	128	15,829	7	1,063	13	2,182	51	8,546	150	20,203
Electricity	85.3%	-	83.6%	-	92.9%	-	83.3%	-	85.7%	-	89.6%	-	79.6%	-
Gas, LP gas (liquid propane)	14.7%	22.8%	16.4%	24.7%	7.1%	14.4%	16.7%	23.4%	12.5%	17.2%	10.4%	16.5%	20.4%	26.7%
Other	<0.1%	-	<0.1%	-	<0.1%	0.1%	<0.1%	0.3%	1.7%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Heating Problems														
Uncomfortably cold for 24 hours or more last winter	9.7%	7.4%	7.8%	6.0%	15.2%	11.0%	59.4%	40.4%	19.9%	-	18.1%	10.4%	12.7%	9.1%
Heating equipment breakdowns	3.7%	2.2%	2.9%	1.8%	5.6%	3.3%	46.3%	33.0%	3.8%	2.5%	5.8%	2.8%	4.6%	2.9%
Other causes	5.3%	-	4.8%	-	6.6%	-	13.1%	8.1%	12.0%	-	10.2%	6.7%	7.2%	5.2%
Utility interruption	2.0%	1.5%	2.2%	1.7%	1.7%	0.9%	8.3%	1.4%	<0.1%	1.8%	5.0%	1.3%	1.9%	1.1%
Inadequate heating capacity	1.0%	-	0.5%	-	2.2%	-	5.6%	3.2%	3.4%	4.9%	2.9%	2.1%	1.7%	1.4%
Inadequate insulation	0.9%	-	0.5%	-	1.8%	-	5.7%	3.5%	1.7%	3.6%	1.8%	-	1.4%	1.1%
Cost of heating	1.1%	0.7%	1.0%	0.7%	1.2%	-	3.8%	1.4%	5.0%	2.4%	1.8%	1.3%	1.1%	0.7%
Other	1.8%	1.4%	1.6%	1.1%	2.3%	-	3.8%	2.6%	6.1%	4.5%	2.8%	2.0%	2.9%	1.9%
SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	13	2,023	5	923	8	1,100	13	2,023	.	.	3	583	6	860
Severe physical problems	1.5%	1.9%	0.8%	1.2%	3.2%	-	100%	-	.	.	3.1%	3.9%	2.4%	-
Plumbing	0.8%	1.2%	0.6%	-	1.4%	1.9%	56.0%	-	.	.	0.6%	2.4%	1.1%	1.7%
Heating	0.7%	-	0.2%	-	1.7%	1.2%	44.5%	31.8%	.	.	2.6%	1.2%	1.3%	0.9%
Electric	<0.1%	-	<0.1%	0.1%	0.1%	-	1.6%	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%	0.1%	2.1%	2.6%	.	.	<0.1%	0.2%	<0.1%	0.1%

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2004 Denver, CO 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)	29	4,177	8	1,635	21	2,542	.	.	29	4,177	4	1,125	15	1,709
Moderate physical problems	3.4%	-	1.3%	2.2%	8.4%	-	.	.	100%	-	5.0%	7.4%	6.5%	-
Plumbing	0.1%	-	<0.1%	-	0.4%	-	.	.	4.0%	-	0.5%	-	0.2%	-
Heating	0.1%	1.2%	0.1%	1.1%	<0.1%	1.2%	.	.	1.7%	30.2%	<0.1%	2.5%	0.1%	1.0%
Upkeep	2.6%	1.4%	0.6%	0.3%	7.1%	3.9%	.	.	75.6%	37.0%	3.9%	2.6%	5.5%	2.3%
Hallways	<0.1%	-	<0.1%	-	0.1%	-	.	.	0.8%	3.2%	<0.1%	0.2%	<0.1%	0.3%
Kitchen	0.6%	1.1%	0.6%	-	0.8%	2.0%	.	.	18.9%	29.1%	0.6%	2.0%	0.7%	1.7%
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.3%	-	<0.1%	-	0.9%	-	6.0%	3.5%	<0.1%	2.5%	1.2%	-	0.7%	-
2	0.3%	-	0.1%	-	0.6%	-	3.8%	1.4%	0.7%	1.7%	0.6%	-	0.3%	-
3	0.9%	-	0.4%	-	1.9%	1.4%	5.5%	2.0%	4.6%	2.5%	1.7%	-	1.1%	-
4	1.2%	0.9%	0.8%	0.5%	2.4%	-	4.2%	2.9%	3.1%	-	1.7%	-	1.9%	1.4%
5	5.1%	-	3.4%	-	8.9%	-	15.0%	-	10.0%	13.2%	8.7%	-	6.3%	-
6	5.6%	-	4.0%	-	9.5%	-	2.2%	8.3%	11.0%	8.2%	7.0%	-	7.8%	6.2%
7	14.7%	-	12.9%	-	19.0%	-	14.3%	-	16.7%	-	13.9%	-	14.6%	-
8	29.9%	-	30.3%	-	29.0%	-	33.3%	21.1%	31.1%	23.5%	22.9%	-	28.4%	-
9	18.4%	-	21.3%	-	11.6%	-	3.5%	12.0%	10.1%	-	12.6%	-	15.0%	-
10(best)	23.6%	28.5%	26.6%	32.6%	16.3%	19.7%	12.2%	20.6%	12.7%	18.4%	29.7%	-	24.0%	-

* = 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/ for more info.