

**American Housing Survey - Selected Elements Related to Healthy Homes
Denver, CO 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)	993	856	619	601	373	255	24	13	27	29	98	86	266	230
GENERAL														
Owner occupied(,000)	619	601	619	601	.	.	7	5	7	8	29	35	120	132
Renter occupied(,000)	373	255	.	.	373	255	17	8	20	21	69	51	146	97
Owner occupied	62.4%	70.2%	100%	-	.	.	28.3%	37.4%	25.1%	26.7%	30.0%	40.7%	45.0%	57.6%
Renter occupied	37.6%	29.8%	.	.	100%	-	71.7%	62.6%	74.9%	-	70.0%	59.3%	55.0%	42.4%
Units in Structure														
1, detached	60.4%	-	82.4%	-	23.7%	20.0%	29.2%	26.9%	20.9%	-	32.7%	42.3%	45.6%	53.7%
1, attached	9.7%	-	9.5%	-	10.0%	11.1%	11.0%	14.2%	3.6%	-	10.2%	8.4%	11.0%	7.7%
2 to 4	4.4%	-	1.7%	-	9.0%	-	2.6%	14.6%	19.6%	10.4%	9.0%	5.4%	9.0%	5.8%
5 to 9	5.5%	4.2%	2.5%	-	10.4%	-	14.4%	-	16.2%	6.0%	9.6%	8.4%	7.2%	5.8%
10 to 19	5.6%	6.4%	0.5%	-	14.0%	18.4%	9.1%	13.4%	19.7%	24.6%	9.1%	12.5%	4.1%	8.2%
20 to 49	7.1%	-	0.6%	-	17.8%	19.7%	9.0%	5.3%	8.7%	23.1%	11.0%	11.7%	9.0%	-
50 or more	5.8%	3.9%	0.9%	-	13.8%	10.9%	23.4%	3.6%	9.1%	11.4%	13.7%	8.3%	14.2%	9.7%
Manufactured /mobile home or trailer	1.6%	-	1.9%	-	1.1%	-	1.3%	6.9%	2.2%	-	4.6%	-	<0.1%	-
Year Structure Built														
Post-2000	19.3%	10.9%	20.9%	12.0%	16.8%	8.2%	8.2%	3.5%	14.5%	7.3%	11.3%	4.8%	11.1%	4.1%
Post-1980	47.5%	41.4%	50.3%	44.0%	42.9%	35.2%	27.1%	21.5%	43.4%	25.2%	32.5%	27.3%	20.8%	15.6%
Pre-1980	52.5%	58.6%	49.7%	56.0%	57.1%	64.8%	72.9%	78.5%	56.6%	74.8%	67.5%	72.7%	79.2%	84.4%
Pre-1960	19.9%	23.5%	18.8%	23.2%	21.9%	24.1%	15.5%	29.8%	21.0%	31.3%	25.1%	31.2%	47.0%	56.1%
Pre-1940	7.4%	8.1%	6.4%	7.4%	9.0%	9.5%	1.4%	13.2%	3.0%	12.5%	10.0%	-	23.3%	25.9%

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)	696	625	569	545	126	79	10	5	7	6	42	43	151	141
With a basement under all of house	48.5%	-	49.5%	-	43.8%	38.2%	29.4%	42.6%	37.9%	-	38.4%	48.9%	43.3%	-
With a basement under part of house	26.9%	-	30.0%	-	12.9%	16.7%	19.4%	16.9%	26.7%	32.8%	19.6%	21.4%	25.3%	26.9%
With a crawl space	16.1%	-	14.4%	-	24.2%	21.5%	25.8%	22.4%	20.5%	-	33.0%	19.0%	21.3%	19.2%
On a concrete slab	6.9%	7.4%	4.6%	5.5%	17.0%	20.9%	23.8%	13.6%	4.8%	-	7.6%	10.1%	8.1%	-
In some other way	1.6%	-	1.5%	-	2.2%	-	1.6%	-	10.2%	3.6%	1.4%	-	2.0%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.6%	-	1.5%	-	2.1%	-	<0.1%	11.3%	6.4%	18.1%	6.5%	2.1%	2.4%	-
Missing roofing material	3.5%	-	3.7%	-	2.5%	-	3.4%	7.8%	6.3%	15.1%	7.0%	-	2.7%	-
Hole in roof	1.0%	-	0.8%	-	2.1%	-	3.2%	11.6%	8.3%	9.6%	3.1%	-	0.9%	-
Missing bricks, siding, other outside wall material	1.6%	-	1.6%	-	1.7%	-	3.6%	15.2%	8.1%	6.6%	<0.1%	3.5%	1.1%	-
Sloping outside walls	1.2%	-	1.3%	-	0.7%	-	8.8%	7.7%	6.2%	9.2%	2.4%	-	0.6%	-
Boarded up windows	0.8%	-	0.7%	-	1.2%	-	1.6%	-	<0.1%	15.7%	2.1%	-	1.7%	-
Broken windows	3.8%	-	3.6%	-	4.4%	7.5%	4.8%	15.0%	14.6%	27.8%	6.0%	-	4.9%	5.9%
Bars on windows	5.4%	6.9%	4.7%	6.9%	8.5%	6.5%	3.2%	16.2%	2.0%	10.1%	3.4%	8.4%	14.7%	19.4%
Foundation crumbling or has open crack or hole	6.4%	2.8%	6.2%	2.6%	7.3%	4.3%	5.0%	3.6%	11.8%	-	15.7%	5.2%	5.6%	3.5%
None of the above	79.1%	-	80.1%	-	74.5%	-	71.3%	55.2%	59.4%	62.7%	65.8%	73.2%	71.1%	67.0%
None of the above(excluding bars)	83.4%	-	83.7%	-	82.1%	77.5%	74.5%	67.0%	61.4%	66.1%	67.7%	78.0%	83.7%	-

<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>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	9.3%	8.7%	9.3%	-	9.4%	8.3%	10.0%	20.4%	31.2%	22.8%	11.1%	8.1%	7.4%	8.1%
Roof	3.9%	-	4.0%	-	3.5%	-	6.2%	10.4%	16.8%	14.7%	5.2%	3.2%	3.3%	-
Basement leak	1.4%	-	1.9%	-	0.6%	-	1.2%	-	2.4%	5.6%	1.3%	-	0.8%	-
Walls, closed windows, or doors leak	3.7%	-	3.1%	-	4.8%	-	3.3%	12.2%	9.8%	4.9%	6.2%	4.7%	3.8%	-
Other or Unknown exterior Leak	0.9%	-	0.8%	-	1.0%	-	0.6%	-	1.6%	6.6%	0.6%	-	0.2%	-
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INTERIOR														
Damage														
Holes in floors	0.5%	-	0.5%	-	0.5%	-	0.7%	-	8.8%	5.0%	1.3%	-	0.6%	-
Open cracks or holes	3.8%	5.2%	3.7%	-	3.9%	6.9%	3.2%	22.9%	21.8%	-	3.2%	7.8%	3.9%	7.7%
Broken plaster or peeling paint	1.3%	-	0.9%	-	1.9%	-	3.5%	9.3%	9.0%	11.5%	0.6%	-	1.4%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.0%	-	9.5%	10.9%	13.4%	12.4%	27.0%	-	27.7%	-	14.1%	12.4%	10.9%	11.6%
Fixtures backed up or overflowed	2.6%	-	2.1%	-	3.5%	5.6%	14.9%	11.4%	8.6%	12.6%	3.0%	5.2%	3.0%	-
Pipes leaked	5.1%	4.7%	4.4%	-	6.3%	5.9%	11.0%	14.7%	14.2%	-	5.1%	7.1%	5.2%	4.8%
Broken water heater	1.0%	-	1.0%	-	1.0%	-	1.3%	-	2.6%	6.5%	1.7%	-	0.8%	-
Other or Unknown	2.9%	-	2.5%	-	3.6%	-	8.3%	7.1%	6.4%	10.8%	4.0%	-	2.6%	-
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Rodents														
Signs of rats in last 3 mon.	0.3%	-	0.1%	-	0.5%	-	5.8%	4.2%	0.5%	-	0.2%	-	0.7%	-

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
Signs of mice in last 3 mon.	9.7%	6.0%	11.1%	6.2%	7.4%	5.6%	15.7%	11.5%	8.2%	5.8%	10.5%	6.9%	7.0%	4.8%
Signs of rodents, not sure which kind in last 3 mon.	0.2%	-	<0.1%	-	0.5%	-	<0.1%	-	1.1%	-	0.5%	-	0.1%	-
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Electrical														
No electrical wiring	0.1%	-	0.1%	-	0.2%	-	1.2%	-	<0.1%	-	0.3%	-	<0.1%	-
Exposed wiring	1.8%	-	1.6%	-	2.1%	-	1.3%	-	8.0%	0.9%	2.1%	-	1.7%	-
Rooms without electric outlets	0.6%	-	0.4%	-	0.9%	-	1.9%	9.1%	1.8%	-	1.1%	-	0.5%	-
Fuses/breakers blown in last 3 mon.	11.0%	11.9%	11.2%	12.9%	10.6%	9.6%	12.3%	25.3%	17.4%	-	9.9%	8.6%	11.5%	12.8%
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Sanitation														
Lacking complete kitchen facilities	2.2%	-	0.6%	-	4.9%	7.6%	7.1%	9.7%	73.1%	-	3.6%	-	2.6%	6.1%
Lacking some or all plumbing facilities	1.6%	-	0.7%	-	3.3%	-	66.4%	56.0%	<0.1%	-	5.8%	0.6%	2.7%	-
Water not safe to drink	3.5%	5.6%	2.9%	-	4.5%	8.1%	5.0%	22.1%	4.6%	5.6%	5.0%	12.6%	2.5%	5.8%
Water stoppage in last 3 mon.	3.7%	-	2.0%	-	6.6%	-	6.7%	14.9%	7.9%	9.9%	5.9%	6.7%	5.3%	-
No flush toilets working some time in last 3 mon.	2.1%	-	1.4%	-	3.4%	-	7.2%	-	10.4%	9.0%	4.4%	-	2.6%	-
With sewage disposal breakdowns in last 3 mon.	1.9%	-	1.8%	-	2.1%	-	6.5%	9.2%	4.1%	-	3.2%	-	2.6%	-
Septic tank, cesspool, chemical toilet	4.9%	-	7.1%	4.6%	1.4%	-	2.6%	-	1.4%	-	4.3%	-	<0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.1%	-	<0.1%	-	<0.1%	2.1%	<0.1%	-	0.4%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	83.8%	-	88.6%	-	75.8%	-	69.1%	77.0%	83.3%	62.5%	72.4%	-	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>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>
	Steam or hot water system	10.0%	11.4%	8.1%	8.7%	13.2%	17.7%	18.4%	-	7.4%	27.2%	14.1%	16.6%	17.4%
Electric heat pump	0.7%	-	0.1%	-	1.7%	-	3.8%	-	0.5%	-	1.1%	-	1.1%	-
Built-in electric units	2.8%	-	1.2%	-	5.5%	3.7%	3.3%	-	5.6%	4.0%	6.8%	3.7%	3.6%	-
Floor, wall, or other built-in hot air without ducts	2.1%	-	1.4%	-	3.2%	-	2.1%	-	3.2%	-	4.4%	-	4.0%	-
Room heaters with flue	0.1%	-	0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Room heaters without flue	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Portable electric heaters	0.1%	-	0.1%	-	0.1%	-	1.3%	-	<0.1%	-	<0.1%	-	0.1%	-
Fireplace without inserts	<0.1%	-	<0.1%	-	0.1%	-	0.7%	-	<0.1%	-	0.5%	-	0.1%	-
Other	0.2%	-	0.2%	-	0.2%	-	1.4%	-	<0.1%	-	0.7%	-	<0.1%	0.2%
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Water Heating Fuel														
Electricity	12.5%	-	9.4%	-	17.7%	18.8%	19.0%	17.3%	14.2%	10.3%	19.0%	20.4%	12.5%	-
Gas, LP/bottled gas	87.2%	-	90.4%	-	81.9%	77.6%	81.0%	-	84.7%	-	80.4%	-	87.4%	-
Other	0.3%	-	0.2%	-	0.4%	-	<0.1%	-	1.1%	5.7%	0.6%	-	0.1%	-
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Clothes Dryer(,000)	820	701	601	573	220	128	10	7	18	13	56	51	173	150
Have Clothes Dryer	82.6%	-	97.0%	-	58.8%	50.1%	43.0%	55.4%	64.4%	44.0%	57.3%	-	65.1%	-
Electricity	88.0%	-	86.1%	-	93.1%	-	87.2%	-	96.0%	85.7%	90.6%	-	85.7%	79.6%
Gas, LP gas (liquid propane)	12.0%	14.7%	13.9%	16.4%	6.9%	-	12.8%	16.7%	4.0%	12.5%	9.4%	10.4%	14.3%	20.4%
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	10.7%	9.7%	7.8%	-	17.2%	15.2%	46.6%	59.4%	16.9%	19.9%	23.9%	18.1%	10.7%	12.7%
Heating equipment breakdowns	3.9%	-	3.2%	-	5.0%	5.6%	35.0%	46.3%	4.6%	-	7.7%	5.8%	4.1%	-
Other causes	5.6%	-	4.4%	-	7.5%	6.6%	9.2%	13.1%	7.2%	12.0%	12.2%	10.2%	4.7%	7.2%
Utility interruption	0.8%	-	1.0%	-	0.4%	-	5.0%	8.3%	1.2%	-	1.0%	5.0%	0.2%	-

<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>
Inadequate heating capacity	1.1%	-	0.7%	-	1.8%	-	7.1%	5.6%	1.7%	-	3.5%	-	0.5%	-
Inadequate insulation	1.6%	-	1.1%	-	2.4%	-	1.5%	5.7%	2.2%	-	3.1%	-	1.1%	-
Cost of heating	1.1%	-	0.8%	-	1.6%	-	3.5%	-	3.3%	5.0%	1.2%	-	0.3%	-
Other	1.9%	-	1.4%	-	2.7%	-	2.8%	-	<0.1%	6.1%	5.3%	2.8%	2.6%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	24	13	7	5	17	8	24	13	.	.	7	3	10	6
Severe physical problems	2.4%	-	1.1%	-	4.6%	-	100%	-	.	.	7.4%	3.1%	3.6%	-
Plumbing	1.6%	-	0.6%	-	3.3%	-	66.4%	56.0%	.	.	5.5%	0.6%	2.7%	-
Heating	0.8%	-	0.5%	-	1.3%	-	33.0%	44.5%	.	.	1.7%	-	0.9%	-
Electric	<0.1%	-	<0.1%	-	0.1%	-	1.9%	-	.	.	0.5%	-	0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	2.1%	.	.	<0.1%	-	<0.1%	-
Moderate Physical Problems(,000)	27	29	7	8	20	21	.	.	27	29	3	4	8	15
Moderate physical problems	2.7%	-	1.1%	-	5.5%	8.4%	.	.	100%	-	3.5%	5.0%	3.0%	6.5%
Plumbing	0.1%	-	0.1%	-	0.2%	-	.	.	4.2%	-	0.3%	-	0.2%	-
Heating	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	1.7%	<0.1%	-	<0.1%	-
Upkeep	2.0%	-	0.5%	-	4.5%	7.1%	.	.	73.1%	-	2.8%	-	2.4%	5.5%
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	0.8%	<0.1%	-	<0.1%	-
Kitchen	0.7%	-	0.5%	-	0.9%	-	.	.	23.9%	18.9%	0.5%	-	0.4%	-
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.3%	-	<0.1%	-	0.8%	-	2.5%	6.0%	<0.1%	-	1.8%	-	0.3%	-
2	0.3%	-	0.1%	-	0.5%	-	<0.1%	3.8%	1.1%	-	1.1%	-	0.3%	-

<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>
	3	0.7%	-	0.1%	-	1.6%	-	2.0%	5.5%	1.7%	-	2.3%	-	0.9%
4	1.2%	-	0.6%	-	2.3%	-	6.5%	4.2%	2.2%	-	2.8%	-	1.6%	-
5	4.4%	5.1%	2.5%	-	7.6%	8.9%	18.7%	15.0%	13.4%	10.0%	12.6%	8.7%	5.7%	6.3%
6	3.8%	5.6%	2.7%	-	5.8%	9.5%	5.9%	2.2%	9.9%	11.0%	4.8%	7.0%	4.0%	7.8%
7	15.4%	-	13.0%	-	19.3%	-	22.1%	14.3%	25.0%	16.7%	11.9%	13.9%	16.3%	14.6%
8	29.4%	-	29.0%	-	30.0%	-	10.2%	33.3%	29.5%	31.1%	23.2%	-	29.3%	-
9	18.5%	-	21.0%	-	14.3%	11.6%	14.7%	3.5%	9.4%	10.1%	15.1%	12.6%	20.2%	15.0%
10(best)	26.0%	23.6%	30.9%	26.6%	17.8%	16.3%	17.4%	12.2%	7.8%	12.7%	24.3%	29.7%	21.4%	24.0%

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