

**American Housing Survey - Selected Elements Related to Healthy Homes
Saint Louis, MO-IL 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)	1,108	1,029	785	750	322	279	11	12	27	33	130	130	156	144
GENERAL														
Owner occupied(,000)	785	750	785	750	.	.	9	7	11	12	49	55	82	67
Renter occupied(,000)	322	279	.	.	322	279	2	5	17	21	82	75	73	77
Owner occupied	70.9%	-	100%	-	.	.	83.6%	60.4%	39.8%	35.5%	37.3%	42.0%	53.0%	46.7%
Renter occupied	29.1%	27.1%	.	.	100%	-	16.4%	39.6%	60.2%	64.5%	62.7%	58.0%	47.0%	53.3%
Units in Structure														
1, detached	73.4%	-	89.5%	-	34.4%	25.8%	87.0%	61.5%	54.1%	33.5%	49.5%	46.1%	51.8%	44.1%
1, attached	3.1%	-	2.9%	-	3.6%	7.8%	<0.1%	4.7%	0.8%	-	2.6%	-	3.8%	-
2 to 4	8.5%	9.0%	1.6%	-	25.3%	27.4%	<0.1%	7.5%	15.3%	19.6%	15.9%	20.2%	28.9%	32.1%
5 to 9	3.7%	-	0.5%	-	11.3%	14.2%	0.1%	13.7%	10.4%	8.3%	5.6%	6.0%	4.6%	-
10 to 19	3.6%	-	0.4%	-	11.4%	9.9%	5.3%	6.4%	10.7%	1.7%	9.0%	4.1%	1.9%	-
20 to 49	2.1%	-	1.1%	-	4.4%	-	<0.1%	-	0.7%	6.2%	2.6%	-	2.3%	-
50 or more	1.9%	-	0.3%	-	5.8%	7.3%	2.0%	-	0.8%	21.9%	5.5%	8.9%	5.2%	9.3%
Manufactured /mobile home or trailer	3.8%	-	3.8%	-	3.9%	-	5.6%	6.2%	7.1%	5.8%	9.4%	7.0%	1.4%	-
Year Structure Built														
Post-2000	9.2%	5.8%	10.8%	6.8%	5.4%	3.1%	<0.1%	6.7%	2.7%	-	4.5%	-	8.0%	0.6%
Post-1980	30.7%	-	35.0%	-	20.0%	-	3.3%	24.9%	13.3%	11.5%	22.4%	14.9%	18.4%	7.0%
Pre-1980	69.3%	-	65.0%	-	80.0%	-	96.7%	75.1%	86.7%	-	77.6%	85.1%	81.6%	93.0%
Pre-1960	38.6%	-	36.4%	-	44.1%	-	56.4%	34.6%	56.0%	67.6%	44.3%	54.3%	71.4%	82.4%
Pre-1940	18.3%	17.2%	16.5%	15.3%	22.4%	-	29.2%	20.7%	33.0%	30.7%	23.0%	-	53.3%	56.5%

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
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	848	779	725	686	122	94	9	8	15	12	68	65	87	69
With a basement under all of house	75.3%	-	76.6%	-	67.7%	50.1%	71.0%	74.9%	79.0%	68.9%	66.9%	-	93.9%	87.5%
With a basement under part of house	10.7%	11.6%	11.5%	-	5.6%	10.7%	21.2%	7.2%	7.9%	9.2%	11.4%	9.7%	2.3%	9.1%
With a crawl space	5.7%	7.2%	5.1%	6.6%	9.7%	11.9%	5.0%	3.5%	5.8%	10.4%	8.0%	6.9%	0.8%	-
On a concrete slab	7.0%	6.5%	5.5%	4.2%	16.1%	23.2%	2.8%	14.4%	5.9%	11.5%	13.7%	10.7%	2.9%	-
In some other way	1.3%	-	1.3%	-	0.9%	-	<0.1%	-	1.5%	-	<0.1%	2.7%	<0.1%	0.9%
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.8%	-	1.3%	-	4.5%	5.0%	4.0%	15.5%	27.4%	15.7%	6.2%	6.8%	0.4%	-
Missing roofing material	3.1%	-	3.0%	-	3.5%	-	4.0%	16.3%	12.0%	16.3%	4.5%	7.5%	3.9%	-
Hole in roof	1.1%	-	1.0%	-	1.7%	-	2.1%	16.3%	20.9%	9.0%	1.5%	6.1%	2.4%	-
Missing bricks, siding, other outside wall material	1.9%	-	1.7%	-	3.3%	-	4.6%	6.4%	8.6%	12.7%	3.9%	5.9%	2.7%	-
Sloping outside walls	0.8%	-	0.5%	-	2.4%	-	2.0%	10.0%	5.0%	14.4%	2.8%	6.1%	0.6%	-
Boarded up windows	1.1%	-	1.2%	-	0.9%	-	<0.1%	3.5%	5.3%	6.4%	2.6%	-	2.4%	-
Broken windows	4.6%	-	4.4%	-	5.7%	7.5%	19.9%	15.8%	31.2%	26.8%	12.2%	10.0%	9.8%	7.9%
Bars on windows	3.5%	-	3.6%	-	3.4%	-	<0.1%	5.8%	3.4%	13.9%	2.1%	6.3%	21.1%	-
Foundation crumbling or has open crack or hole	7.0%	4.3%	6.3%	3.9%	11.0%	7.7%	30.5%	16.2%	36.5%	25.7%	12.3%	6.4%	9.1%	6.4%
None of the above	81.6%	-	82.2%	-	78.0%	73.7%	63.2%	55.3%	36.3%	-	71.2%	67.1%	61.1%	-
None of the above(excluding bars)	84.0%	-	84.5%	-	81.2%	76.1%	63.2%	58.6%	37.4%	43.8%	73.3%	-	77.6%	-

<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>
	Water Leakage During Last 12 Months													
With leakage from outside structure	14.5%	21.8%	14.8%	23.2%	13.9%	18.3%	23.3%	36.7%	56.4%	46.9%	19.5%	-	15.4%	30.0%
Roof	5.0%	7.3%	4.6%	7.1%	6.1%	7.8%	2.8%	18.2%	34.0%	30.1%	7.8%	10.5%	5.0%	15.4%
Basement leak	7.8%	14.2%	8.3%	16.2%	6.5%	8.9%	23.3%	-	23.7%	-	9.7%	8.9%	7.8%	17.3%
Walls, closed windows, or doors leak	2.4%	-	1.9%	-	3.5%	-	0.9%	13.6%	15.1%	13.1%	5.3%	2.5%	4.3%	5.3%
Other or Unknown exterior Leak	1.3%	-	1.3%	-	1.2%	-	<0.1%	3.6%	4.6%	13.6%	2.4%	-	2.2%	-
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INTERIOR														
Damage														
Holes in floors	1.0%	-	0.6%	-	1.9%	-	<0.1%	5.3%	25.5%	12.3%	2.5%	-	2.1%	-
Open cracks or holes	4.9%	-	4.0%	-	7.1%	-	19.5%	16.3%	57.6%	32.5%	6.9%	9.4%	8.9%	10.2%
Broken plaster or peeling paint	1.6%	-	1.4%	-	2.0%	-	<0.1%	11.5%	21.8%	-	2.9%	-	4.3%	5.7%
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Water Leakage During Last 12 Months														
With leakage from inside structure	8.0%	8.8%	6.6%	7.2%	11.4%	12.9%	0.9%	29.6%	42.3%	36.8%	10.6%	9.7%	10.4%	-
Fixtures backed up or overflowed	1.8%	-	1.7%	-	2.1%	-	<0.1%	16.1%	12.5%	17.2%	4.0%	-	1.7%	-
Pipes leaked	2.8%	-	2.1%	-	4.5%	6.7%	0.9%	10.8%	13.2%	22.5%	2.8%	-	4.5%	5.7%
Broken water heater	0.4%	-	0.4%	-	0.5%	-	<0.1%	-	2.1%	-	0.2%	-	0.2%	-
Other or Unknown	3.3%	-	2.6%	-	5.1%	3.4%	<0.1%	14.5%	16.1%	9.4%	3.8%	-	5.1%	2.5%
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Rodents														
Signs of rats in last 3 mon.	0.4%	-	0.6%	-	0.1%	-	<0.1%	5.7%	0.7%	-	0.1%	-	1.2%	-

<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>
Signs of mice in last 3 mon.	11.4%	5.1%	12.4%	4.6%	8.9%	6.6%	2.1%	11.5%	20.7%	8.1%	14.2%	6.7%	15.0%	9.4%
Signs of rodents, not sure which kind in last 3 mon.	0.1%	-	0.1%	-	0.2%	-	<0.1%	-	0.7%	-	0.3%	-	0.5%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.1%	-
Exposed wiring	1.2%	-	1.1%	-	1.4%	-	2.4%	-	4.0%	-	2.5%	-	0.2%	-
Rooms without electric outlets	1.1%	-	1.2%	-	0.7%	-	21.4%	8.5%	3.6%	6.3%	2.2%	-	0.6%	-
Fuses/breakers blown in last 3 mon.	9.2%	11.9%	8.8%	11.5%	9.9%	13.0%	4.4%	27.9%	34.6%	19.9%	11.2%	-	10.7%	13.5%
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Sanitation														
Lacking complete kitchen facilities	0.9%	-	0.4%	-	2.0%	5.3%	<0.1%	2.7%	36.1%	55.0%	1.0%	6.3%	1.0%	7.6%
Lacking some or all plumbing facilities	0.9%	-	1.1%	-	0.5%	-	92.6%	35.8%	<0.1%	-	3.7%	-	0.3%	-
Water not safe to drink	2.7%	-	2.6%	-	2.9%	5.6%	18.6%	9.0%	3.3%	8.6%	4.5%	5.4%	2.5%	-
Water stoppage in last 3 mon.	2.5%	-	2.3%	-	3.0%	-	2.0%	9.2%	5.4%	8.0%	6.6%	4.1%	2.2%	-
No flush toilets working some time in last 3 mon.	0.9%	-	0.5%	-	1.9%	-	<0.1%	4.3%	7.0%	11.1%	1.2%	5.3%	0.4%	-
With sewage disposal breakdowns in last 3 mon.	0.9%	-	0.8%	-	1.2%	-	<0.1%	4.3%	6.9%	-	0.6%	-	0.8%	6.1%
Septic tank, cesspool, chemical toilet	8.7%	10.7%	10.8%	13.6%	3.5%	-	3.9%	-	12.1%	2.8%	7.1%	5.0%	<0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.2%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	92.7%	-	93.7%	-	90.3%	85.0%	90.8%	78.6%	78.8%	68.5%	87.9%	82.3%	90.2%	76.7%

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
Steam or hot water system	2.5%	-	2.4%	-	2.5%	5.5%	3.6%	12.2%	7.1%	14.3%	1.1%	7.0%	6.6%	12.9%
Electric heat pump	2.1%	-	2.4%	-	1.3%	-	<0.1%	2.6%	<0.1%	1.8%	1.7%	-	0.1%	-
Built-in electric units	1.3%	-	0.4%	-	3.5%	-	<0.1%	2.4%	2.7%	-	4.4%	-	1.6%	-
Floor, wall, or other built-in hot air without ducts	0.7%	-	0.5%	-	1.1%	-	<0.1%	1.9%	<0.1%	7.3%	2.2%	-	0.8%	-
Room heaters with flue	0.2%	-	0.1%	-	0.2%	-	<0.1%	-	0.9%	-	0.4%	-	0.4%	-
Room heaters without flue	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	1.5%	-	<0.1%	-	0.1%	-
Portable electric heaters	0.4%	-	0.2%	-	0.9%	-	5.6%	2.3%	8.1%	0.7%	1.7%	-	0.1%	-
Stoves	0.1%	-	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.2%	-	<0.1%	-
Fireplace with inserts	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.9%	-	<0.1%	-	<0.1%	-
Other	0.1%	-	<0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	0.3%	-	<0.1%	0.4%
No heating equipment	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.9%	<0.1%	-	<0.1%	0.2%
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Water Heating Fuel														
Electricity	30.7%	-	26.2%	-	41.4%	-	11.9%	35.8%	42.2%	40.0%	42.6%	33.8%	19.8%	16.4%
Gas, LP/bottled gas	69.1%	-	73.5%	-	58.4%	-	88.1%	64.2%	57.1%	-	57.2%	66.0%	80.0%	-
Fuel oil	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.2%	-	<0.1%	-
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.2%	-	0.2%	-	0.1%	-	<0.1%	-	0.7%	-	<0.1%	0.2%	0.3%	-
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Clothes Dryer(,000)	954	876	764	726	190	150	9	10	21	16	90	81	110	97
Have Clothes Dryer	86.2%	-	97.3%	-	59.0%	53.7%	83.0%	-	75.4%	48.5%	69.1%	62.0%	70.9%	-
Electricity	74.2%	-	72.7%	-	80.3%	-	71.7%	67.0%	81.7%	75.9%	81.3%	75.0%	64.3%	-
Gas, LP gas (liquid propane)	25.7%	27.8%	27.3%	29.7%	19.4%	-	28.3%	33.0%	18.3%	24.1%	18.7%	25.0%	35.3%	37.3%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	6.5%	6.0%	5.6%	4.2%	8.9%	11.7%	11.4%	62.8%	28.0%	20.1%	11.2%	13.5%	6.5%	13.7%

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
	Heating equipment breakdowns	2.0%	-	1.8%	-	2.3%	-	8.3%	54.5%	3.7%	6.0%	3.2%	-	2.2%
Other causes	4.0%	-	3.7%	-	4.8%	6.3%	4.0%	5.3%	21.4%	10.0%	7.2%	-	3.5%	6.3%
Utility interruption	1.5%	-	1.7%	-	1.0%	-	2.2%	-	5.2%	0.8%	1.6%	-	0.4%	-
Inadequate heating capacity	0.5%	-	0.4%	-	0.7%	-	<0.1%	-	5.2%	2.1%	0.8%	-	0.4%	-
Inadequate insulation	0.8%	-	0.6%	-	1.2%	-	<0.1%	-	6.8%	3.4%	1.6%	-	0.6%	-
Cost of heating	0.8%	-	0.8%	-	0.7%	-	<0.1%	-	7.3%	1.0%	3.4%	-	0.2%	-
Other	1.0%	-	0.7%	-	1.6%	-	1.8%	5.3%	1.5%	-	0.6%	-	1.9%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	11	12	9	7	2	5	11	12	.	.	5	2	0	2
Severe physical problems	1.0%	-	1.1%	-	0.5%	-	100%	-	.	.	3.9%	-	0.3%	-
Plumbing	0.9%	-	1.1%	-	0.5%	-	92.6%	35.8%	.	.	3.7%	-	0.3%	-
Heating	0.1%	-	0.1%	-	0.1%	-	8.3%	54.5%	.	.	0.2%	-	<0.1%	0.8%
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	4.4%	.	.	<0.1%	-	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	5.3%	.	.	<0.1%	0.3%	<0.1%	0.2%
Moderate Physical Problems(,000)	27	33	11	12	17	21	.	.	27	33	5	14	7	18
Moderate physical problems	2.5%	-	1.4%	-	5.1%	7.6%	.	.	100%	-	4.1%	10.4%	4.6%	12.2%
Plumbing	0.1%	-	0.1%	-	0.2%	-	.	.	3.9%	5.3%	<0.1%	0.7%	0.3%	-
Heating	<0.1%	-	0.1%	-	<0.1%	-	.	.	1.5%	-	<0.1%	-	0.1%	-
Upkeep	0.9%	-	0.4%	-	2.0%	5.1%	.	.	36.1%	55.0%	1.0%	6.1%	1.0%	7.3%
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	3.6%	<0.1%	0.5%	<0.1%	0.6%
Kitchen	1.5%	-	0.9%	-	2.9%	-	.	.	59.3%	41.5%	3.1%	-	3.2%	-

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)	0.8%	-	0.5%	-	1.5%	-	<0.1%	-	10.0%	3.4%	1.7%	-	2.1%	-
2	0.4%	-	0.3%	-	0.6%	-	17.6%	2.6%	<0.1%	-	0.1%	-	0.1%	-
3	0.7%	-	0.2%	-	1.9%	-	<0.1%	-	4.8%	-	1.9%	-	0.4%	-
4	0.8%	-	0.6%	-	1.1%	-	2.4%	-	1.8%	7.3%	0.7%	-	1.6%	-
5	4.6%	5.9%	3.2%	-	8.2%	9.9%	20.5%	18.2%	8.4%	14.1%	10.5%	-	4.5%	8.8%
6	5.4%	-	3.9%	-	8.9%	-	5.0%	-	20.8%	10.0%	11.4%	7.9%	5.2%	8.4%
7	14.5%	13.2%	13.7%	11.6%	16.3%	17.6%	6.9%	20.5%	14.4%	13.7%	12.9%	-	21.5%	14.9%
8	29.0%	27.4%	30.3%	28.3%	25.7%	-	10.2%	30.9%	15.7%	20.6%	21.8%	-	28.5%	26.5%
9	15.3%	-	16.1%	-	13.2%	10.5%	14.3%	12.4%	16.8%	9.5%	12.4%	8.6%	14.7%	9.8%
10(best)	28.7%	30.4%	31.1%	33.5%	22.6%	-	23.2%	12.4%	7.2%	17.9%	26.7%	30.5%	21.5%	26.7%

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