

**American Housing Survey - Selected Elements Related to Healthy Homes
Dallas, TX in 2011 and 2002**

2002 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	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
Total Occupied Units(,000)	1,531	1,235	906	784	625	451	34	23	53	70	242	104	555	404
GENERAL														
Owner occupied(,000)	906	784	906	784	.	.	12	11	16	28	85	38	256	195
Renter occupied(,000)	625	451	.	.	625	451	22	12	37	42	157	66	299	209
Owner occupied	59.2%	63.5%	100%	-	.	.	34.6%	48.8%	30.3%	40.1%	35.0%	-	46.1%	-
Renter occupied	40.8%	36.5%	.	.	100%	-	65.4%	51.2%	69.7%	59.9%	65.0%	-	53.9%	-
Units in Structure														
1, detached	63.7%	-	90.0%	-	25.6%	17.0%	32.4%	40.5%	50.5%	47.4%	42.9%	39.4%	53.4%	49.5%
1, attached	4.4%	11.4%	3.3%	-	6.0%	25.8%	2.3%	18.2%	1.5%	5.7%	2.8%	19.0%	3.2%	15.8%
2 to 4	4.7%	-	0.7%	-	10.5%	-	8.3%	9.4%	9.8%	10.4%	6.5%	8.1%	6.3%	6.9%
5 to 9	8.1%	6.2%	0.8%	-	18.6%	16.5%	9.9%	6.2%	16.6%	10.7%	14.0%	8.6%	11.7%	10.9%
10 to 19	7.7%	5.6%	0.7%	-	18.0%	14.8%	26.8%	5.1%	15.4%	9.8%	14.6%	9.9%	10.8%	7.8%
20 to 49	4.9%	-	0.2%	-	11.6%	7.1%	7.5%	5.0%	2.3%	-	6.8%	4.2%	6.7%	4.1%
50 or more	3.5%	-	0.2%	-	8.2%	5.8%	5.1%	3.2%	1.2%	-	5.5%	3.4%	7.5%	4.1%
Manufactured /mobile home or trailer	3.1%	-	4.2%	-	1.5%	-	7.8%	12.4%	2.7%	11.0%	6.9%	7.4%	0.5%	-
Year Structure Built														
Post-2000	19.0%	6.3%	21.3%	7.7%	15.7%	3.9%	9.6%	4.3%	3.6%	-	13.2%	2.8%	16.0%	1.7%
Post-1980	58.0%	52.0%	56.5%	51.7%	60.2%	52.4%	67.6%	41.1%	31.5%	-	50.0%	34.7%	44.3%	27.3%
Pre-1980	42.0%	48.0%	43.5%	48.3%	39.8%	47.6%	32.4%	58.9%	68.5%	-	50.0%	65.3%	55.7%	72.7%
Pre-1960	14.8%	16.4%	16.2%	17.3%	12.8%	14.9%	15.6%	25.3%	26.0%	35.6%	16.7%	27.1%	25.8%	32.0%
Pre-1940	4.0%	-	4.0%	-	3.8%	-	2.1%	-	10.6%	15.3%	5.1%	5.9%	6.6%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
	Foundation (for 1-unit not manufactured)													
1-Unit not manufactured(,000)	1,043	929	845	735	198	194	12	14	27	37	111	61	314	264
With a basement under all of house	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	2.0%	<0.1%	-	0.2%	-	0.1%	-
With a basement under part of house	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	1.1%	<0.1%	-	0.1%	-
With a crawl space	15.9%	17.7%	15.7%	17.8%	16.7%	-	11.5%	21.6%	37.6%	52.8%	23.0%	19.9%	31.4%	34.7%
On a concrete slab	80.5%	-	80.7%	-	79.6%	-	80.0%	71.4%	53.0%	43.7%	72.4%	-	63.0%	-
In some other way	3.6%	-	3.6%	-	3.6%	-	8.4%	5.0%	9.4%	2.5%	4.4%	-	5.4%	4.2%
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.7%	-	2.9%	-	1.7%	5.0%	30.1%	5.9%	13.5%	23.3%	7.9%	7.2%	2.6%	5.5%
Missing roofing material	3.7%	-	4.0%	-	2.7%	5.4%	12.7%	19.4%	11.0%	18.7%	6.3%	9.4%	2.0%	5.3%
Hole in roof	1.7%	-	1.6%	-	1.9%	-	31.5%	18.7%	4.6%	14.0%	3.4%	8.6%	1.5%	-
Missing bricks, siding, other outside wall material	3.1%	-	3.1%	-	3.4%	8.4%	27.6%	25.6%	6.9%	27.2%	8.1%	10.4%	4.0%	6.3%
Sloping outside walls	2.8%	-	2.5%	-	4.3%	-	22.5%	10.9%	12.4%	15.6%	7.6%	5.0%	3.6%	-
Boarded up windows	1.3%	-	1.3%	-	1.4%	-	4.8%	17.9%	5.6%	4.6%	4.2%	-	1.6%	-
Broken windows	5.9%	4.9%	5.4%	4.5%	8.0%	6.6%	11.4%	34.7%	19.2%	13.6%	11.9%	10.9%	7.8%	6.8%
Bars on windows	4.0%	-	4.4%	-	2.5%	-	9.0%	5.5%	4.9%	7.9%	6.0%	8.0%	9.7%	11.8%
Foundation crumbling or has open crack or hole	11.7%	5.9%	11.2%	5.6%	13.7%	7.3%	34.4%	7.6%	23.4%	-	15.1%	10.8%	8.6%	7.1%
None of the above	74.8%	-	75.7%	79.8%	70.8%	-	48.4%	51.2%	52.6%	44.0%	64.2%	-	72.8%	68.4%
None of the above(excluding bars)	77.5%	-	78.7%	82.7%	72.7%	-	52.4%	-	53.4%	46.3%	68.8%	-	79.4%	75.1%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
	Water Leakage During Last 12 Months													
With leakage from outside structure	9.6%	12.3%	10.0%	12.6%	9.2%	11.9%	14.2%	23.9%	24.0%	36.4%	11.9%	15.9%	5.7%	11.5%
Roof	6.3%	8.3%	6.8%	9.0%	5.5%	7.1%	12.9%	18.3%	16.1%	29.4%	8.4%	11.9%	4.0%	7.9%
Basement leak	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.9%	<0.1%	-	<0.1%	-
Walls, closed windows, or doors leak	2.3%	-	1.8%	-	3.0%	-	1.2%	5.4%	9.5%	15.3%	1.9%	6.9%	0.7%	-
Other or Unknown exterior Leak	1.5%	-	1.8%	-	1.2%	-	0.7%	-	4.1%	5.7%	2.1%	-	1.1%	-
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INTERIOR														
Damage														
Holes in floors	1.2%	-	0.9%	-	1.7%	-	10.3%	20.6%	15.9%	18.9%	3.5%	6.8%	1.5%	-
Open cracks or holes	10.8%	9.4%	11.7%	9.4%	9.6%	-	29.5%	23.5%	42.8%	45.2%	14.0%	16.0%	9.4%	10.7%
Broken plaster or peeling paint	1.9%	-	1.7%	-	2.3%	-	3.2%	19.6%	21.3%	24.9%	5.6%	7.7%	2.4%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.6%	15.0%	10.3%	14.2%	13.4%	16.5%	9.5%	40.5%	39.3%	-	14.4%	17.5%	9.8%	14.1%
Fixtures backed up or overflowed	2.4%	5.8%	2.4%	5.4%	2.4%	6.5%	1.4%	17.0%	7.7%	24.1%	2.9%	7.6%	0.8%	-
Pipes leaked	4.1%	5.5%	3.3%	-	5.3%	7.7%	3.9%	24.7%	20.3%	16.6%	6.6%	8.0%	4.1%	6.7%
Broken water heater	1.6%	-	2.1%	-	0.9%	-	2.7%	26.9%	3.9%	7.0%	1.1%	-	1.2%	-
Other or Unknown	3.8%	-	2.9%	-	5.1%	-	2.8%	-	9.6%	14.4%	4.2%	5.8%	3.8%	5.1%
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Rodents														
Signs of rats in last 3 mon.	1.4%	-	1.7%	-	1.0%	-	3.7%	8.0%	4.4%	11.4%	2.1%	5.8%	1.6%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Signs of mice in last 3 mon.	4.0%	-	5.0%	3.9%	2.6%	5.3%	10.2%	5.7%	7.7%	13.3%	3.8%	10.4%	3.7%	6.3%
Signs of rodents, not sure which kind in last 3 mon.	1.4%	-	1.4%	-	1.3%	-	1.6%	-	2.6%	-	2.3%	-	2.1%	-
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Electrical														
No electrical wiring	0.2%	-	<0.1%	-	0.4%	-	<0.1%	1.5%	<0.1%	-	0.1%	-	0.4%	-
Exposed wiring	1.2%	-	0.8%	-	1.9%	-	2.2%	-	1.8%	-	1.5%	-	1.3%	-
Rooms without electric outlets	0.7%	-	0.5%	-	1.1%	-	0.5%	6.4%	2.6%	-	1.6%	-	0.9%	-
Fuses/breakers blown in last 3 mon.	9.7%	14.5%	11.5%	15.9%	7.0%	12.1%	20.7%	25.9%	10.5%	21.4%	8.3%	10.6%	8.0%	12.3%
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Sanitation														
Lacking complete kitchen facilities	1.1%	-	0.2%	-	2.4%	-	8.0%	4.9%	25.9%	-	1.3%	-	1.4%	-
Lacking some or all plumbing facilities	1.6%	-	0.9%	-	2.6%	-	70.9%	38.4%	<0.1%	-	3.7%	-	1.7%	-
Water not safe to drink	8.8%	14.4%	7.9%	12.1%	10.2%	18.3%	15.7%	27.8%	16.7%	18.5%	16.0%	23.8%	9.4%	19.2%
Water stoppage in last 3 mon.	5.2%	6.2%	4.3%	-	6.4%	9.9%	9.0%	11.9%	15.1%	11.9%	8.8%	6.2%	5.2%	8.3%
No flush toilets working some time in last 3 mon.	2.5%	-	1.0%	-	4.8%	5.6%	8.4%	9.4%	10.6%	9.7%	3.4%	5.7%	2.9%	-
With sewage disposal breakdowns in last 3 mon.	1.6%	-	1.6%	-	1.6%	-	6.7%	2.6%	6.4%	11.3%	2.0%	-	1.7%	-
Septic tank, cesspool, chemical toilet	5.5%	6.1%	8.1%	-	1.6%	-	5.9%	18.6%	5.4%	13.7%	4.0%	-	0.3%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.2%	-	<0.1%	0.7%	<0.1%	-	0.8%	5.5%	<0.1%	2.0%	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	83.5%	-	84.0%	-	82.8%	71.8%	73.2%	61.6%	53.8%	-	81.5%	72.3%	82.8%	75.4%

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Steam or hot water system	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-
Electric heat pump	9.9%	13.3%	9.7%	-	10.4%	19.5%	10.3%	16.6%	7.8%	11.4%	7.3%	12.8%	7.7%	11.7%
Built-in electric units	0.3%	-	0.5%	-	<0.1%	-	0.7%	-	<0.1%	-	0.3%	-	0.6%	-
Floor, wall, or other built-in hot air without ducts	2.5%	-	2.2%	-	3.0%	-	9.7%	4.3%	1.7%	-	4.1%	5.9%	4.1%	5.0%
Room heaters with flue	0.8%	-	0.9%	-	0.7%	-	1.5%	-	1.8%	-	0.8%	-	1.0%	-
Room heaters without flue	1.1%	-	1.1%	-	0.9%	-	1.7%	5.8%	29.6%	26.5%	2.2%	-	1.1%	-
Portable electric heaters	1.4%	-	1.1%	-	1.8%	-	1.6%	5.5%	2.7%	-	2.9%	-	2.1%	-
Other	0.1%	-	0.1%	-	0.1%	-	<0.1%	1.5%	<0.1%	1.1%	0.3%	-	0.1%	-
No heating equipment	0.1%	-	0.1%	-	<0.1%	-	0.7%	-	<0.1%	-	<0.1%	-	0.1%	-
Cooking stove	0.1%	-	<0.1%	-	0.2%	-	0.6%	-	2.6%	-	0.1%	-	0.3%	-
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Water Heating Fuel														
Electricity	50.8%	-	36.2%	-	72.0%	-	71.9%	59.3%	50.5%	47.6%	64.1%	59.7%	53.2%	46.0%
Gas, LP/bottled gas	49.1%	-	63.6%	-	28.0%	-	28.1%	40.7%	49.5%	-	35.9%	39.6%	46.8%	52.9%
Other	<0.1%	-	0.1%	-	<0.1%	1.3%	<0.1%	-	<0.1%	1.1%	<0.1%	0.7%	<0.1%	1.1%
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Clothes Dryer(,000)	1,240	971	862	744	378	227	21	14	35	42	147	52	385	249
Have Clothes Dryer	81.0%	-	95.1%	-	60.5%	50.3%	62.0%	57.5%	66.4%	61.0%	60.5%	49.3%	69.3%	61.6%
Electricity	91.9%	-	89.4%	-	97.5%	-	94.0%	87.6%	91.2%	-	92.9%	-	92.4%	-
Gas, LP gas (liquid propane)	8.1%	9.2%	10.6%	11.2%	2.4%	-	6.0%	12.4%	8.8%	6.4%	7.1%	-	7.6%	11.7%
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	11.3%	8.7%	8.8%	7.6%	16.0%	10.9%	44.9%	60.4%	27.1%	19.5%	14.1%	-	11.4%	9.7%
Heating equipment breakdowns	2.4%	-	1.7%	-	3.5%	-	29.9%	54.3%	1.5%	5.2%	2.7%	7.1%	2.8%	-
Other causes	7.4%	4.1%	6.8%	3.6%	8.3%	4.9%	11.0%	2.8%	19.9%	12.7%	8.5%	6.7%	6.7%	4.2%

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Utility interruption	2.4%	-	2.6%	-	2.1%	-	<0.1%	-	0.9%	-	2.7%	-	2.0%	-
Inadequate heating capacity	1.5%	-	0.8%	-	2.4%	-	4.7%	-	4.7%	-	2.7%	-	1.8%	-
Inadequate insulation	0.9%	-	0.5%	-	1.5%	-	<0.1%	-	7.1%	6.5%	1.1%	-	1.1%	-
Cost of heating	0.9%	-	1.1%	-	0.6%	-	4.5%	-	2.9%	-	0.3%	-	0.5%	-
Other	2.0%	-	1.9%	-	2.1%	-	1.8%	-	6.4%	3.2%	2.2%	-	1.5%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	34	23	12	11	22	12	34	23	.	.	10	6	15	10
Severe physical problems	2.2%	-	1.3%	-	3.6%	-	100%	-	.	.	4.1%	5.4%	2.6%	-
Plumbing	1.6%	-	0.9%	-	2.6%	-	70.9%	38.4%	.	.	3.7%	-	1.7%	-
Heating	0.7%	-	0.4%	-	1.0%	-	29.9%	53.4%	.	.	0.3%	-	1.0%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	5.0%	.	.	<0.1%	0.3%	<0.1%	0.3%
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	0.3%	<0.1%	0.4%	<0.1%	0.2%	<0.1%	16.3%	.	.	<0.1%	3.2%	<0.1%	-
Moderate Physical Problems(,000)	53	70	16	28	37	42	.	.	53	70	16	12	24	29
Moderate physical problems	3.4%	5.6%	1.8%	-	5.9%	9.2%	.	.	100%	-	6.6%	11.2%	4.2%	7.2%
Plumbing	0.2%	-	0.1%	-	0.4%	-	.	.	6.8%	4.0%	0.2%	-	0.3%	-
Heating	1.0%	-	1.1%	-	0.9%	-	.	.	29.6%	26.5%	1.9%	-	1.1%	-
Upkeep	0.9%	-	0.1%	-	2.1%	-	.	.	25.9%	-	1.0%	-	1.2%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.3%	.	.	<0.1%	1.8%	<0.1%	-	<0.1%	-
Kitchen	1.4%	-	0.6%	-	2.6%	-	.	.	40.4%	46.5%	3.5%	5.8%	1.8%	-
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OVERALL OPINION OF STRUCTURE														
1(worst)	0.9%	-	0.6%	-	1.4%	-	5.0%	-	5.0%	-	1.3%	-	0.6%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
	2	0.4%	-	<0.1%	-	0.8%	-	0.6%	-	5.0%	1.0%	0.5%	-	0.5%
3	0.9%	-	0.5%	-	1.6%	-	1.1%	14.0%	4.2%	-	1.4%	-	0.9%	-
4	1.3%	-	0.8%	-	1.9%	-	1.8%	-	5.1%	5.8%	1.9%	-	2.1%	-
5	5.7%	6.6%	4.8%	-	7.0%	10.1%	10.3%	9.1%	6.0%	13.9%	7.4%	11.2%	5.9%	9.0%
6	5.1%	6.1%	4.2%	-	6.5%	9.1%	2.7%	-	6.6%	10.1%	5.5%	6.8%	5.1%	6.9%
7	15.0%	15.8%	10.5%	14.2%	21.7%	18.6%	34.6%	11.0%	22.0%	23.4%	18.2%	10.6%	16.6%	-
8	29.4%	-	29.1%	-	29.8%	-	25.1%	30.1%	21.0%	-	29.8%	22.5%	29.3%	27.5%
9	13.8%	-	16.1%	-	10.5%	11.6%	3.4%	10.4%	5.5%	8.4%	10.1%	11.0%	13.2%	11.5%
10(best)	27.5%	24.6%	33.5%	30.3%	18.9%	14.6%	15.5%	11.0%	19.6%	11.4%	23.8%	28.3%	25.9%	23.4%

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