

**American Housing Survey - Selected Elements Related to Health Homes
2002 Dallas, TX and 2003 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)	1,235	105,842	784	72,238	451	33,604	23	1,970	70	4,316	104	13,741	404	31,213
GENERAL														
Owner occupied(,000)	784	72,238	784	72,238	.	.	11	932	28	1,795	38	5,868	195	16,093
Renter occupied(,000)	451	33,604	.	.	451	33,604	12	1,039	42	2,521	66	7,873	209	15,119
Owner occupied	63.5%	-	100%	-	<0.1%	<0.1%	48.8%	-	40.1%	-	36.6%	-	48.3%	-
Renter occupied	36.5%	-	<0.1%	<0.1%	100%	-	51.2%	-	59.9%	-	63.4%	-	51.7%	-
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Units in Structure														
1, detached	63.8%	-	90.7%	-	17.0%	24.1%	40.5%	-	47.4%	-	39.4%	-	49.5%	-
1, attached	11.4%	5.9%	3.1%	5.1%	25.8%	7.7%	18.2%	6.4%	5.7%	3.1%	19.0%	6.2%	15.8%	8.1%
2 to 4	4.2%	7.9%	0.6%	2.0%	10.5%	20.8%	9.4%	12.1%	10.4%	16.4%	8.1%	13.1%	6.9%	13.2%
5 to 9	6.2%	4.8%	0.3%	0.7%	16.5%	-	6.2%	8.8%	10.7%	-	8.6%	-	10.9%	7.8%
10 to 19	5.6%	4.2%	0.2%	0.7%	14.8%	-	5.1%	-	9.8%	7.7%	9.9%	6.3%	7.8%	-
20 to 49	2.7%	-	0.1%	0.5%	7.1%	8.6%	5.0%	6.9%	2.8%	5.7%	4.2%	5.1%	4.1%	6.0%
50 or more	2.2%	3.5%	0.1%	0.8%	5.8%	9.2%	3.2%	8.0%	2.3%	5.2%	3.4%	6.1%	4.1%	7.8%
Manufactured /mobile home or trailer	3.9%	6.5%	4.9%	7.6%	2.3%	4.0%	12.4%	5.2%	11.0%	6.1%	7.4%	9.3%	0.8%	-
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Year Structure Built														
Post-2000	6.3%	4.9%	7.7%	5.9%	3.9%	2.9%	4.3%	1.3%	0.8%	1.7%	2.8%	-	1.7%	3.0%
Post-1980	52.0%	32.2%	51.7%	35.1%	52.4%	26.0%	41.1%	16.9%	30.7%	16.2%	34.7%	24.5%	27.3%	21.1%
Pre-1980	48.0%	67.8%	48.3%	64.9%	47.6%	74.0%	58.9%	83.1%	69.3%	83.8%	65.3%	-	72.7%	-
Pre-1960	16.4%	35.4%	17.3%	33.7%	14.9%	39.2%	25.3%	52.1%	35.6%	52.9%	27.1%	41.0%	32.0%	48.8%
Pre-1940	3.7%	17.5%	3.2%	15.2%	4.6%	22.2%	4.4%	29.8%	15.3%	29.6%	5.9%	20.9%	6.6%	26.1%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	929	74,026	735	63,322	194	10,704	14	1,047	37	2,138	61	7,035	264	18,035
With a basement under all of house	0.1%	33.0%	0.2%	34.6%	<0.1%	23.7%	2.0%	31.4%	<0.1%	16.5%	<0.1%	26.5%	0.2%	33.0%
With a basement under part of house	0.2%	11.6%	0.3%	12.2%	<0.1%	8.6%	<0.1%	11.1%	1.1%	8.6%	<0.1%	8.4%	0.5%	8.5%
With a crawl space	17.7%	25.5%	17.8%	24.5%	17.1%	31.4%	21.6%	31.8%	52.8%	-	19.9%	35.0%	34.7%	24.4%
On a concrete slab	79.2%	29.3%	78.8%	28.3%	80.6%	35.2%	71.4%	23.3%	43.7%	19.8%	75.9%	29.1%	60.4%	33.6%
In some other way	2.8%	0.6%	2.9%	0.5%	2.3%	1.1%	5.0%	2.4%	2.5%	0.9%	4.2%	1.0%	4.2%	0.5%
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EXTERIOR														
External Building Conditions														
Sagging roof	3.9%	2.2%	4.1%	1.9%	3.8%	-	7.0%	8.5%	16.8%	9.8%	6.5%	4.3%	4.7%	2.5%
Missing roofing material	4.7%	3.6%	4.0%	2.9%	5.9%	-	19.4%	10.0%	15.8%	9.6%	9.6%	5.5%	5.7%	4.4%
Hole in roof	2.8%	1.8%	2.5%	1.4%	3.4%	2.7%	17.9%	8.1%	10.8%	-	7.4%	3.5%	3.5%	2.3%
Missing bricks, siding, other outside wall material	4.3%	2.8%	3.1%	2.1%	6.4%	4.1%	21.2%	9.5%	19.8%	11.3%	8.9%	5.4%	6.1%	3.3%
Sloping outside walls	2.7%	1.4%	2.1%	1.0%	3.7%	2.3%	11.6%	5.5%	10.6%	7.5%	4.5%	3.2%	4.0%	1.7%
Boarded up windows	1.3%	0.9%	0.9%	0.6%	1.8%	-	15.3%	3.5%	3.3%	4.2%	5.0%	2.5%	2.2%	1.5%
Broken windows	4.9%	3.7%	4.4%	3.0%	5.7%	-	31.3%	10.3%	12.0%	-	9.9%	6.9%	6.6%	4.6%
Bars on windows	3.9%	-	4.5%	2.9%	2.8%	6.6%	8.3%	-	5.4%	8.4%	6.7%	-	9.2%	-
Foundation crumbling or has open crack or hole	5.6%	2.6%	5.5%	2.2%	5.7%	3.5%	9.3%	-	18.7%	10.8%	9.6%	4.3%	6.4%	3.1%
None of the above	76.2%	-	79.7%	-	70.1%	-	51.5%	63.5%	51.4%	-	62.6%	-	66.3%	-

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Water Leakage During Last 12 Months														
With leakage from outside structure	12.3%	-	12.6%	-	11.9%	9.3%	23.9%	16.1%	36.4%	-	15.9%	10.2%	11.5%	-
Roof	8.3%	5.3%	9.0%	5.4%	7.1%	5.1%	18.3%	10.9%	29.4%	20.1%	11.9%	6.1%	7.9%	5.3%
Basement	0.1%	3.6%	0.1%	4.5%	0.1%	1.8%	<0.1%	3.3%	0.9%	6.0%	<0.1%	2.1%	0.1%	2.9%
Walls, closed windows, or doors	3.8%	2.1%	3.1%	1.9%	5.0%	2.6%	5.4%	-	15.3%	9.1%	6.9%	2.7%	3.8%	2.5%
Other or Unknown	2.5%	1.3%	2.5%	1.3%	2.3%	1.5%	2.7%	-	5.7%	-	2.8%	1.3%	1.7%	1.4%
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INTERIOR														
Damage														
Holes in floors	1.9%	0.9%	1.1%	0.6%	3.3%	1.7%	20.6%	6.3%	18.9%	9.5%	6.8%	2.1%	1.4%	-
Open cracks or holes	9.4%	4.9%	9.4%	3.7%	9.3%	-	23.5%	16.3%	45.2%	31.4%	16.0%	8.1%	10.7%	6.6%
Broken plaster or peeling paint	3.5%	2.2%	3.4%	1.5%	3.6%	-	19.6%	10.6%	24.9%	-	7.7%	4.3%	4.8%	3.5%
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Water Leakage During Last 12 Months														
With leakage from inside structure	15.0%	8.1%	14.2%	6.8%	16.5%	11.0%	40.5%	17.0%	39.8%	25.7%	17.5%	9.6%	14.1%	9.6%
Fixtures backed up or overflowed	5.8%	2.7%	5.4%	2.2%	6.5%	3.9%	17.0%	7.0%	24.1%	9.9%	7.6%	3.1%	4.8%	3.4%
Pipes leaked	5.5%	3.7%	4.1%	2.9%	7.7%	5.6%	24.7%	8.9%	16.6%	-	8.0%	5.3%	6.7%	4.4%
Broken water heater	3.0%	0.8%	3.6%	0.8%	1.8%	0.8%	26.9%	2.7%	7.0%	2.2%	3.0%	1.1%	1.1%	-
Other or Unknown	4.5%	1.8%	4.3%	1.5%	5.0%	2.5%	3.7%	4.6%	14.4%	5.8%	5.8%	1.8%	5.1%	2.4%

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Rodents														
Signs of rats in last 3 mon.	1.9%	0.8%	1.9%	0.6%	2.1%	1.3%	8.0%	5.1%	11.4%	4.6%	5.8%	1.8%	3.7%	1.4%
Signs of mice in last 3 mon.	4.4%	6.0%	3.9%	5.4%	5.3%	7.3%	5.7%	11.4%	13.3%	16.1%	10.4%	-	6.3%	-
Signs of rodents, not sure which kind in last 3 mon.	0.5%	-	0.5%	-	0.6%	-	2.0%	1.1%	<0.1%	1.8%	0.3%	0.7%	0.9%	0.4%
Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	0.1%	1.5%	2.5%	<0.1%	-	0.3%	-	0.1%	-
Exposed wiring	0.2%	0.6%	0.1%	0.5%	0.2%	0.8%	1.3%	2.7%	0.4%	1.3%	<0.1%	1.0%	0.1%	0.6%
Rooms without electric outlets	1.0%	1.5%	1.0%	-	1.1%	2.0%	6.4%	8.4%	1.8%	3.7%	1.1%	2.4%	1.0%	1.6%
Fuses/breakers blown in last 3 mon.	14.5%	9.2%	15.9%	9.4%	12.1%	8.8%	25.9%	12.5%	21.4%	15.6%	10.6%	7.9%	12.3%	9.4%
Sanitation														
Lacking complete kitchen facilities	1.6%	-	0.3%	-	3.9%	-	4.9%	7.3%	27.2%	32.7%	3.5%	2.7%	2.2%	-
Lacking some or all plumbing facilities	0.7%	1.3%	0.5%	1.0%	1.2%	2.0%	38.4%	68.8%	<0.1%	0.0%	1.2%	2.5%	1.2%	1.9%
Water not safe to drink	14.4%	9.2%	12.1%	7.1%	18.3%	13.9%	27.8%	16.7%	18.5%	-	23.8%	12.6%	19.2%	12.3%
Water stoppage in last 3 mon.	6.2%	3.5%	4.2%	2.8%	9.9%	4.8%	11.9%	6.2%	11.9%	6.9%	6.2%	4.1%	8.3%	3.4%
No flush toilets working some time in last 3 mon.	3.2%	2.2%	1.8%	1.2%	5.6%	4.3%	9.4%	6.8%	9.7%	-	5.7%	4.1%	3.8%	3.0%
With sewage disposal breakdowns in last 3 mon.	2.7%	1.5%	2.5%	1.3%	3.1%	2.0%	2.6%	3.7%	11.3%	4.2%	4.9%	2.3%	2.5%	1.8%
Septic tank, cesspool, chemical toilet	6.1%	20.7%	8.4%	26.7%	2.1%	7.9%	18.6%	13.3%	13.7%	18.2%	4.9%	17.7%	0.1%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	0.6%	0.3%	0.6%	-	0.7%	0.2%	<0.1%	-	5.5%	0.9%	2.0%	0.5%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	79.9%	61.8%	84.6%	66.6%	71.8%	51.4%	61.6%	47.0%	55.5%	33.6%	72.3%	54.2%	75.4%	58.6%
Steam or hot water system	0.1%	12.5%	0.1%	10.8%	<0.1%	16.2%	<0.1%	22.5%	<0.1%	12.9%	<0.1%	12.6%	0.1%	17.7%
Electric heat pump	13.3%	-	9.8%	-	19.5%	9.1%	16.6%	4.2%	11.4%	4.8%	12.8%	8.4%	11.7%	8.5%
Built-in electric units	0.3%	4.5%	0.3%	3.0%	0.4%	7.6%	1.2%	4.3%	<0.1%	4.5%	0.3%	5.9%	0.3%	3.7%
Floor, wall, or other built-in hot air without ducts	2.3%	5.0%	1.6%	3.2%	3.4%	9.0%	4.3%	8.8%	3.6%	5.5%	5.9%	8.1%	5.0%	7.0%
Room heaters with flue	0.6%	1.4%	0.4%	1.1%	1.0%	1.8%	<0.1%	2.5%	0.8%	1.6%	0.9%	2.8%	1.0%	-
Room heaters without flue	1.6%	-	1.5%	-	1.8%	-	5.8%	3.1%	26.5%	33.5%	3.0%	-	2.7%	1.3%
Portable electric heaters	1.2%	0.7%	1.1%	0.5%	1.4%	-	5.5%	1.8%	1.1%	1.6%	2.6%	1.5%	2.4%	0.8%
Stoves	<0.1%	-	<0.1%	-	<0.1%	0.5%	<0.1%	3.3%	<0.1%	-	<0.1%	1.4%	<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	0.4%	-	0.4%	-	0.5%	-	1.5%	0.7%	1.1%	0.2%	1.7%	0.6%	0.7%	0.4%
No heating equipment	0.1%	0.4%	0.2%	-	<0.1%	0.7%	3.4%	1.5%	<0.1%	0.6%	<0.1%	0.7%	0.3%	0.7%
Cooking stove	0.2%	-	0.1%	-	0.3%	-	<0.1%	0.2%	<0.1%	0.2%	0.5%	-	0.4%	-
Water Heating Fuel														
Electricity	48.3%	-	35.1%	-	71.3%	43.0%	59.3%	31.5%	47.6%	36.9%	59.7%	44.7%	46.0%	29.0%
Gas, LP/bottled gas	51.1%	-	64.7%	-	27.4%	50.7%	40.7%	57.7%	51.3%	-	39.6%	50.1%	52.9%	64.3%
Fuel oil	<0.1%	5.1%	<0.1%	4.6%	<0.1%	6.1%	<0.1%	10.4%	<0.1%	5.0%	<0.1%	4.9%	<0.1%	6.4%
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	-	<0.1%	-
Other	0.6%	0.3%	0.1%	-	1.3%	0.2%	<0.1%	0.4%	1.1%	0.3%	0.7%	0.4%	1.1%	0.3%

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Clothes Dryer Fuel(,000)	971	82,538	744	67,262	227	15,276	14	1,014	42	2,387	52	7,720	249	19,624
Electricity	90.7%	-	88.7%	-	97.3%	-	87.6%	-	93.6%	-	93.2%	-	88.2%	-
Gas, LP gas (liquid propane)	9.2%	23.5%	11.2%	25.1%	2.7%	16.3%	12.4%	24.5%	6.4%	17.0%	6.8%	18.5%	11.7%	28.3%
Other	0.1%	-	0.1%	-	<0.1%	0.1%	<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	8.7%	-	7.6%	-	10.9%	-	60.4%	34.6%	19.5%	-	14.4%	11.2%	9.7%	-
Heating equipment breakdowns	3.8%	2.1%	3.7%	1.6%	3.9%	2.9%	54.3%	26.7%	5.2%	3.5%	7.1%	2.8%	4.5%	2.8%
Other causes	4.1%	4.9%	3.6%	4.4%	4.9%	5.9%	2.8%	8.6%	12.7%	-	6.7%	-	4.2%	5.3%
Utility interruption	0.8%	2.1%	1.0%	2.3%	0.6%	1.5%	<0.1%	1.3%	2.7%	2.0%	1.3%	2.0%	1.1%	1.6%
Inadequate heating capacity	0.9%	-	0.7%	-	1.4%	1.7%	<0.1%	3.0%	4.5%	3.5%	1.2%	2.0%	1.1%	-
Inadequate insulation	1.1%	-	0.7%	-	1.8%	-	<0.1%	3.2%	6.5%	3.6%	3.8%	1.7%	1.3%	-
Cost of heating	0.4%	0.6%	0.3%	-	0.4%	0.8%	<0.1%	0.8%	0.4%	2.2%	0.5%	1.1%	0.4%	0.7%
Other	1.5%	-	1.4%	1.0%	1.7%	-	2.8%	-	3.2%	-	1.2%	1.6%	1.2%	-
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	23	1,970	11	932	12	1,039	23	1,970	.	.	6	498	10	881
Severe physical problems	1.9%	-	1.5%	-	2.7%	-	100%	-	.	.	5.4%	3.6%	2.5%	-
Plumbing	0.7%	1.3%	0.5%	1.0%	1.2%	2.0%	38.4%	68.8%	.	.	1.2%	2.5%	1.2%	1.9%
Heating	1.0%	0.5%	0.9%	0.3%	1.3%	0.9%	53.4%	25.1%	.	.	3.5%	0.8%	0.9%	-
Electric	0.1%	-	0.1%	-	0.1%	-	5.0%	-	.	.	0.3%	-	0.3%	-
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	-	<0.1%	-
Upkeep	0.3%	-	0.4%	<0.1%	0.2%	-	16.3%	4.4%	.	.	3.2%	0.3%	0.1%	-

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**American Housing Survey - Selected Elements Related to Health Homes
2002 Dallas, TX and 2003 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)	70	4,316	28	1,795	42	2,521	.	.	70	4,316	12	1,107	29	1,746
Moderate physical problems	5.6%	4.1%	3.6%	2.5%	9.2%	-	.	.	100%	-	11.2%	8.1%	7.2%	5.6%
Plumbing	0.2%	-	0.1%	-	0.4%	-	.	.	4.0%	-	0.5%	-	0.1%	-
Heating	1.5%	-	1.4%	-	1.7%	-	.	.	26.5%	33.5%	3.0%	-	2.6%	1.2%
Upkeep	1.5%	-	0.2%	-	3.8%	-	.	.	27.2%	32.7%	2.9%	2.2%	2.0%	-
Hallways	0.1%	-	<0.1%	-	0.3%	-	.	.	1.8%	3.3%	<0.1%	0.3%	0.1%	-
Kitchen	2.6%	1.2%	1.9%	0.8%	3.8%	2.2%	.	.	46.5%	30.2%	5.8%	2.6%	2.7%	1.9%
OVERALL OPINION OF STRUCTURE														
1(worst)	0.6%	-	0.2%	-	1.4%	1.0%	5.0%	2.6%	3.1%	-	2.2%	1.7%	0.7%	-
2	0.5%	-	0.3%	-	1.0%	-	1.1%	1.8%	1.0%	1.6%	1.4%	0.9%	0.5%	-
3	0.9%	-	0.6%	-	1.4%	-	14.0%	4.4%	1.5%	3.3%	3.6%	1.7%	1.2%	-
4	1.4%	1.1%	0.9%	0.6%	2.3%	-	3.9%	2.6%	5.8%	3.9%	2.4%	-	2.7%	1.5%
5	6.6%	-	4.6%	3.5%	10.1%	-	9.1%	-	13.9%	-	11.2%	8.9%	9.0%	-
6	6.1%	-	4.3%	-	9.1%	-	4.5%	7.5%	10.1%	-	6.8%	-	6.9%	-
7	15.8%	-	14.2%	-	18.6%	-	11.0%	16.4%	23.4%	14.2%	10.6%	12.8%	16.4%	-
8	29.2%	-	28.7%	-	30.0%	-	30.1%	23.1%	21.5%	-	22.5%	-	27.5%	-
9	14.4%	-	15.9%	-	11.6%	-	10.4%	-	8.4%	10.2%	11.0%	-	11.5%	14.1%
10(best)	24.6%	-	30.3%	-	14.6%	18.7%	11.0%	20.9%	11.4%	17.6%	28.3%	-	23.4%	-

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