

**American Housing Survey - Selected Elements Related to Health Homes
2002 Fort Worth-Arlington, 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)	586	105,842	393	72,238	193	33,604	8	1,970	42	4,316	61	13,741	190	31,213
GENERAL														
Owner occupied(,000)	393	72,238	393	72,238	.	.	3	932	21	1,795	23	5,868	116	16,093
Renter occupied(,000)	193	33,604	.	.	193	33,604	5	1,039	22	2,521	39	7,873	75	15,119
Owner occupied	67.0%	-	100%	-	<0.1%	<0.1%	36.0%	47.3%	48.9%	-	37.3%	-	60.8%	-
Renter occupied	33.0%	-	<0.1%	<0.1%	100%	-	64.0%	-	51.1%	-	62.7%	-	39.2%	48.4%
Units in Structure														
1, detached	70.0%	-	91.8%	-	25.7%	-	51.6%	-	71.5%	46.4%	45.7%	-	70.9%	49.7%
1, attached	9.1%	5.9%	1.6%	5.1%	24.3%	7.7%	8.3%	6.4%	5.0%	3.1%	16.4%	6.2%	14.6%	8.1%
2 to 4	3.7%	7.9%	0.4%	2.0%	10.3%	20.8%	1.7%	12.1%	5.5%	16.4%	6.8%	13.1%	4.2%	13.2%
5 to 9	4.3%	-	0.2%	0.7%	12.6%	-	10.9%	-	5.8%	9.3%	7.8%	-	3.6%	7.8%
10 to 19	5.6%	4.2%	0.3%	0.7%	16.4%	11.9%	16.4%	5.9%	8.3%	-	8.3%	6.3%	3.5%	6.5%
20 to 49	2.3%	3.1%	0.2%	0.5%	6.8%	8.6%	8.3%	-	1.9%	5.7%	3.9%	5.1%	1.5%	6.0%
50 or more	0.4%	3.5%	<0.1%	0.8%	1.3%	9.2%	2.8%	8.0%	0.3%	5.2%	2.1%	6.1%	0.8%	7.8%
Manufactured /mobile home or trailer	4.5%	6.5%	5.5%	7.6%	2.6%	4.0%	<0.1%	5.2%	1.7%	6.1%	9.1%	-	0.9%	-
Year Structure Built														
Post-2000	5.4%	-	6.6%	-	3.2%	-	<0.1%	1.3%	0.8%	1.7%	0.6%	2.6%	3.3%	-
Post-1980	48.6%	32.2%	48.7%	35.1%	48.5%	26.0%	27.1%	16.9%	12.0%	16.2%	25.3%	-	33.3%	21.1%
Pre-1980	51.4%	67.8%	51.3%	64.9%	51.5%	74.0%	72.9%	-	88.0%	-	74.7%	-	66.7%	-
Pre-1960	21.6%	35.4%	22.1%	33.7%	20.7%	39.2%	33.7%	52.1%	64.8%	-	41.3%	-	43.1%	-
Pre-1940	5.2%	17.5%	4.5%	15.2%	6.6%	22.2%	7.9%	29.8%	26.7%	-	11.3%	20.9%	12.5%	26.1%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	463	74,026	367	63,322	97	10,704	5	1,047	32	2,138	38	7,035	163	18,035
With a basement under all of house	0.2%	33.0%	0.3%	34.6%	<0.1%	23.7%	<0.1%	31.4%	<0.1%	16.5%	<0.1%	26.5%	0.4%	33.0%
With a basement under part of house	0.1%	11.6%	0.2%	12.2%	<0.1%	8.6%	<0.1%	11.1%	<0.1%	8.6%	<0.1%	8.4%	0.2%	8.5%
With a crawl space	19.9%	25.5%	18.5%	24.5%	25.1%	31.4%	37.5%	-	69.0%	54.1%	42.6%	-	35.6%	24.4%
On a concrete slab	78.2%	29.3%	79.4%	28.3%	73.4%	35.2%	57.4%	23.3%	28.4%	19.8%	55.3%	29.1%	61.6%	33.6%
In some other way	1.6%	0.6%	1.6%	0.5%	1.5%	1.1%	5.1%	2.4%	2.6%	0.9%	2.1%	1.0%	2.2%	0.5%
<hr/>														
EXTERIOR														
External Building Conditions														
Sagging roof	3.8%	2.2%	2.9%	1.9%	5.8%	3.1%	13.3%	8.5%	17.5%	9.8%	9.5%	4.3%	3.9%	2.5%
Missing roofing material	3.1%	-	2.4%	2.9%	4.7%	-	11.9%	-	12.5%	9.6%	6.9%	5.5%	4.1%	-
Hole in roof	2.2%	-	1.4%	-	3.9%	2.7%	10.1%	-	12.6%	9.1%	6.0%	3.5%	3.1%	2.3%
Missing bricks, siding, other outside wall material	4.3%	2.8%	3.3%	2.1%	6.4%	4.1%	14.4%	9.5%	21.8%	11.3%	10.1%	5.4%	5.6%	3.3%
Sloping outside walls	3.1%	1.4%	2.3%	1.0%	4.8%	2.3%	10.4%	5.5%	13.1%	7.5%	7.8%	3.2%	3.8%	1.7%
Boarded up windows	1.1%	-	0.7%	-	2.0%	-	7.6%	3.5%	4.6%	-	4.4%	2.5%	1.5%	-
Broken windows	4.9%	3.7%	4.4%	3.0%	5.9%	-	22.3%	10.3%	18.8%	12.4%	10.6%	6.9%	6.0%	4.6%
Bars on windows	3.0%	4.1%	3.3%	-	2.3%	6.6%	12.6%	7.8%	7.4%	-	6.2%	-	6.1%	10.1%
Foundation crumbling or has open crack or hole	4.0%	2.6%	3.6%	2.2%	4.8%	3.5%	14.7%	8.6%	11.0%	-	6.5%	4.3%	3.9%	-
None of the above	81.7%	-	83.1%	-	78.8%	-	48.6%	63.5%	52.4%	-	68.5%	-	79.9%	-

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Water Leakage During Last 12 Months														
With leakage from outside structure	10.3%	-	10.1%	-	10.7%	-	40.8%	16.1%	26.3%	-	13.6%	10.2%	10.9%	-
Roof	7.3%	5.3%	7.6%	5.4%	6.6%	5.1%	32.1%	10.9%	21.7%	-	10.7%	6.1%	8.2%	5.3%
Basement	0.1%	3.6%	0.1%	4.5%	<0.1%	1.8%	<0.1%	3.3%	<0.1%	6.0%	<0.1%	2.1%	<0.1%	2.9%
Walls, closed windows, or doors	2.5%	-	2.0%	-	3.6%	2.6%	10.3%	4.9%	5.6%	9.1%	2.9%	-	2.8%	-
Other or Unknown	1.6%	-	1.3%	-	2.1%	1.5%	9.4%	2.8%	3.6%	6.1%	1.7%	-	1.2%	-
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INTERIOR														
Damage														
Holes in floors	1.1%	-	0.8%	-	1.6%	-	5.5%	-	9.7%	-	2.2%	-	1.8%	1.4%
Open cracks or holes	8.1%	4.9%	7.7%	3.7%	8.9%	-	14.7%	-	28.8%	-	12.1%	8.1%	7.9%	-
Broken plaster or peeling paint	3.1%	2.2%	2.4%	1.5%	4.5%	-	11.2%	-	18.0%	-	6.5%	4.3%	4.3%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	13.2%	8.1%	12.0%	6.8%	15.7%	11.0%	28.2%	17.0%	23.5%	-	15.6%	9.6%	10.1%	-
Fixtures backed up or overflowed	4.9%	2.7%	4.5%	2.2%	5.9%	3.9%	19.5%	7.0%	8.1%	9.9%	6.7%	3.1%	3.7%	-
Pipes leaked	5.2%	3.7%	4.1%	2.9%	7.5%	5.6%	5.9%	8.9%	11.7%	15.4%	9.2%	5.3%	4.5%	-
Broken water heater	1.8%	0.8%	2.0%	0.8%	1.4%	0.8%	9.1%	2.7%	2.9%	2.2%	1.0%	-	1.3%	0.9%
Other or Unknown	3.6%	1.8%	3.2%	1.5%	4.7%	2.5%	8.1%	4.6%	7.3%	-	2.8%	1.8%	2.4%	-

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Rodents														
Signs of rats in last 3 mon.	2.1%	0.8%	1.8%	0.6%	2.7%	1.3%	12.3%	5.1%	9.0%	4.6%	3.8%	1.8%	3.3%	1.4%
Signs of mice in last 3 mon.	4.0%	6.0%	4.3%	5.4%	3.4%	7.3%	10.5%	-	11.7%	16.1%	6.4%	9.2%	4.6%	6.6%
Signs of rodents, not sure which kind in last 3 mon.	0.4%	-	0.3%	-	0.7%	-	<0.1%	1.1%	1.3%	1.8%	1.6%	0.7%	0.5%	-
Electrical														
No electrical wiring	0.1%	-	0.1%	-	0.1%	-	3.7%	2.5%	0.4%	<0.1%	<0.1%	0.2%	0.1%	-
Exposed wiring	0.4%	-	0.2%	0.5%	0.9%	-	6.3%	2.7%	1.7%	1.3%	0.9%	-	0.4%	-
Rooms without electric outlets	1.2%	-	0.9%	1.2%	2.0%	-	6.6%	8.4%	4.7%	3.7%	0.9%	2.4%	1.5%	-
Fuses/breakers blown in last 3 mon.	12.8%	9.2%	14.5%	9.4%	9.5%	-	21.8%	12.5%	18.3%	-	11.0%	7.9%	12.0%	9.4%
Sanitation														
Lacking complete kitchen facilities	1.7%	-	0.4%	-	4.2%	-	19.2%	7.3%	19.6%	32.7%	3.9%	2.7%	2.5%	-
Lacking some or all plumbing facilities	0.7%	1.3%	0.4%	1.0%	1.5%	2.0%	53.4%	68.8%	<0.1%	0.0%	1.1%	2.5%	1.2%	1.9%
Water not safe to drink	12.7%	9.2%	10.8%	7.1%	16.6%	-	22.4%	16.7%	23.7%	17.2%	17.3%	12.6%	14.0%	-
Water stoppage in last 3 mon.	5.6%	3.5%	4.2%	2.8%	8.5%	4.8%	14.1%	6.2%	9.4%	6.9%	6.9%	4.1%	5.6%	3.4%
No flush toilets working some time in last 3 mon.	3.5%	2.2%	2.5%	1.2%	5.5%	4.3%	12.1%	6.8%	8.3%	11.1%	7.5%	4.1%	3.9%	3.0%
With sewage disposal breakdowns in last 3 mon.	2.3%	1.5%	2.1%	1.3%	2.8%	2.0%	<0.1%	3.7%	5.9%	4.2%	2.9%	-	2.2%	-
Septic tank, cesspool, chemical toilet	5.3%	20.7%	6.8%	26.7%	2.2%	7.9%	2.2%	13.3%	6.3%	18.2%	6.7%	17.7%	0.7%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	0.3%	-	0.4%	-	<0.1%	0.2%	<0.1%	-	1.0%	-	0.4%	-	0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	76.2%	-	79.4%	-	69.8%	51.4%	66.6%	47.0%	26.0%	33.6%	63.4%	-	69.2%	-
Steam or hot water system	<0.1%	12.5%	<0.1%	10.8%	0.1%	16.2%	<0.1%	22.5%	0.3%	12.9%	<0.1%	12.6%	0.1%	17.7%
Electric heat pump	13.7%	10.7%	12.5%	-	16.1%	9.1%	15.1%	4.2%	9.3%	4.8%	10.3%	-	10.4%	-
Built-in electric units	0.2%	4.5%	0.2%	3.0%	0.2%	7.6%	<0.1%	4.3%	<0.1%	4.5%	0.2%	5.9%	0.6%	3.7%
Floor, wall, or other built-in hot air without ducts	1.7%	5.0%	1.2%	3.2%	2.7%	9.0%	2.7%	8.8%	1.7%	5.5%	3.9%	8.1%	4.1%	7.0%
Room heaters with flue	0.7%	1.4%	0.5%	1.1%	1.1%	1.8%	<0.1%	2.5%	1.0%	1.6%	1.3%	2.8%	1.7%	1.0%
Room heaters without flue	4.2%	1.4%	3.6%	1.4%	5.5%	1.5%	1.2%	3.1%	58.0%	33.5%	9.3%	3.4%	8.6%	1.3%
Portable electric heaters	1.8%	0.7%	1.4%	0.5%	2.8%	1.1%	6.1%	1.8%	2.2%	1.6%	7.4%	1.5%	3.8%	0.8%
Stoves	0.2%	1.0%	0.4%	1.2%	<0.1%	0.5%	<0.1%	3.3%	0.5%	1.0%	<0.1%	1.4%	<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%	0.2%	<0.1%	<0.1%	0.4%	0.1%	0.1%	<0.1%
Other	0.7%	0.3%	0.5%	0.2%	1.1%	0.5%	1.3%	0.7%	1.0%	0.2%	3.0%	0.6%	0.7%	0.4%
No heating equipment	0.2%	-	<0.1%	-	0.4%	0.7%	7.0%	1.5%	<0.1%	0.6%	0.7%	-	0.4%	0.7%
Cooking stove	0.1%	-	0.2%	-	<0.1%	0.3%	<0.1%	0.2%	<0.1%	0.2%	0.2%	-	0.3%	-
Water Heating Fuel														
Electricity	55.5%	39.2%	48.2%	37.5%	70.5%	43.0%	44.5%	31.5%	25.9%	36.9%	49.4%	-	44.5%	29.0%
Gas, LP/bottled gas	44.1%	55.4%	51.6%	-	28.7%	50.7%	50.0%	-	73.7%	57.8%	49.4%	-	55.2%	-
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	0.4%	-	0.2%	-	0.8%	0.2%	5.4%	0.4%	0.4%	-	1.2%	0.4%	0.4%	-

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Clothes Dryer Fuel(,000)	476	82,538	370	67,262	106	15,276	3	1,014	23	2,387	32	7,720	138	19,624
Electricity	93.5%	-	92.1%	-	98.4%	-	100%	75.5%	89.6%	-	94.6%	-	92.2%	71.7%
Gas, LP gas (liquid propane)	6.4%	23.5%	7.8%	25.1%	1.6%	16.3%	<0.1%	24.5%	9.6%	17.0%	5.4%	18.5%	7.7%	28.3%
Other	<0.1%	-	0.1%	-	<0.1%	0.1%	<0.1%	<0.1%	0.9%	<0.1%	<0.1%	<0.1%	0.1%	-
Heating Problems														
Uncomfortably cold for 24 hours or more last winter	5.8%	7.6%	4.9%	6.3%	7.9%	11.0%	57.9%	34.6%	13.6%	16.9%	11.1%	-	6.5%	9.1%
Heating equipment breakdowns	2.4%	-	1.9%	-	3.5%	-	43.8%	26.7%	3.2%	-	4.5%	2.8%	3.0%	-
Other causes	3.0%	4.9%	2.9%	4.4%	3.1%	5.9%	9.1%	-	9.4%	-	5.6%	6.8%	3.1%	5.3%
Utility interruption	0.4%	2.1%	0.6%	2.3%	0.1%	1.5%	<0.1%	1.3%	0.8%	2.0%	<0.1%	2.0%	0.4%	1.6%
Inadequate heating capacity	0.7%	-	0.5%	-	1.1%	1.7%	2.7%	-	4.2%	-	2.5%	2.0%	0.9%	1.3%
Inadequate insulation	0.8%	-	0.7%	-	1.2%	1.6%	5.9%	3.2%	4.3%	-	2.2%	-	1.1%	-
Cost of heating	0.6%	-	0.7%	-	0.3%	0.8%	1.3%	0.8%	2.2%	-	1.1%	-	0.4%	0.7%
Other	1.1%	-	0.9%	-	1.4%	1.6%	6.8%	3.2%	2.4%	-	2.5%	1.6%	1.1%	1.4%
SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	8	1,970	3	932	5	1,039	8	1,970	.	.	3	498	4	881
Severe physical problems	1.4%	1.9%	0.7%	1.3%	2.7%	-	100%	-	.	.	4.0%	-	1.9%	2.8%
Plumbing	0.7%	1.3%	0.4%	1.0%	1.5%	2.0%	53.4%	68.8%	.	.	1.1%	2.5%	1.2%	1.9%
Heating	0.6%	-	0.4%	-	1.0%	-	42.5%	25.1%	.	.	2.7%	0.8%	0.6%	0.8%
Electric	<0.1%	-	<0.1%	-	<0.1%	0.1%	2.2%	4.7%	.	.	<0.1%	0.3%	<0.1%	0.1%
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	-	<0.1%	-
Upkeep	0.1%	-	<0.1%	-	0.2%	-	6.1%	4.4%	.	.	0.5%	-	0.2%	-

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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)	42	4,316	21	1,795	22	2,521	.	.	42	4,316	9	1,107	24	1,746
Moderate physical problems	7.2%	4.1%	5.3%	2.5%	11.2%	7.5%	.	.	100%	-	15.0%	8.1%	12.6%	5.6%
Plumbing	0.3%	-	0.2%	-	0.5%	-	.	.	4.2%	-	0.8%	0.4%	0.3%	-
Heating	4.2%	1.4%	3.6%	1.3%	5.5%	1.5%	.	.	58.0%	33.5%	9.3%	3.2%	8.6%	1.2%
Upkeep	1.4%	-	0.3%	-	3.6%	-	.	.	19.6%	32.7%	3.5%	2.2%	2.3%	-
Hallways	0.1%	-	<0.1%	-	0.3%	-	.	.	1.3%	3.3%	0.2%	-	0.2%	-
Kitchen	1.8%	1.2%	1.4%	0.8%	2.6%	-	.	.	24.4%	30.2%	3.5%	2.6%	2.2%	-
OVERALL OPINION OF STRUCTURE														
1(worst)	0.7%	-	0.3%	-	1.5%	1.0%	6.7%	2.6%	3.1%	-	2.1%	-	0.9%	0.6%
2	0.4%	-	0.1%	-	0.9%	-	<0.1%	1.8%	1.3%	-	1.0%	-	0.7%	-
3	1.1%	0.8%	0.7%	0.4%	1.9%	-	1.5%	4.4%	5.0%	3.3%	1.7%	-	1.3%	-
4	1.5%	1.1%	1.1%	0.6%	2.1%	-	3.7%	2.6%	3.0%	3.9%	3.0%	2.2%	1.7%	-
5	7.8%	5.6%	5.4%	3.5%	12.5%	10.0%	17.2%	10.7%	17.0%	-	17.7%	8.9%	9.0%	-
6	7.6%	5.6%	6.0%	4.1%	11.0%	8.8%	7.3%	-	12.3%	-	5.4%	-	8.8%	-
7	15.5%	-	13.6%	-	19.5%	-	18.9%	-	17.1%	-	13.2%	-	15.7%	-
8	27.7%	-	27.9%	-	27.2%	-	26.9%	-	21.9%	-	24.2%	-	28.4%	-
9	13.8%	-	16.6%	-	8.0%	11.4%	6.6%	10.1%	7.4%	10.2%	11.6%	-	11.9%	-
10(best)	24.1%	-	28.4%	-	15.3%	18.7%	11.2%	20.9%	11.9%	17.6%	20.0%	30.0%	21.7%	-

* = 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.