

**American Housing Survey - Selected Elements Related to Health Homes
2002 San Diego, CA 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)	999	105,842	586	72,238	413	33,604	15	1,970	29	4,316	84	13,741	450	31,213
GENERAL														
Owner occupied(,000)	586	72,238	586	72,238	.	.	4	932	8	1,795	30	5,868	235	16,093
Renter occupied(,000)	413	33,604	.	.	413	33,604	11	1,039	21	2,521	54	7,873	216	15,119
Owner occupied	58.6%	-	100%	-	<0.1%	<0.1%	28.2%	47.3%	26.9%	41.6%	35.4%	42.7%	52.1%	-
Renter occupied	41.4%	31.7%	<0.1%	<0.1%	100%	-	71.8%	52.7%	73.1%	58.4%	64.6%	-	47.9%	-
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Units in Structure														
1, detached	54.0%	-	76.0%	-	22.7%	-	39.8%	-	28.3%	46.4%	31.6%	45.0%	48.8%	-
1, attached	13.7%	5.9%	10.2%	5.1%	18.7%	7.7%	12.9%	6.4%	11.8%	3.1%	14.4%	6.2%	13.2%	8.1%
2 to 4	7.0%	-	2.8%	2.0%	13.1%	20.8%	13.3%	-	16.8%	-	11.3%	-	8.5%	13.2%
5 to 9	7.6%	4.8%	1.7%	0.7%	16.0%	-	6.6%	8.8%	11.9%	9.3%	12.2%	8.9%	10.6%	7.8%
10 to 19	5.6%	4.2%	0.8%	-	12.4%	-	9.9%	5.9%	13.7%	7.7%	8.5%	6.3%	7.0%	-
20 to 49	3.9%	3.1%	0.7%	-	8.3%	-	6.5%	-	9.4%	5.7%	5.8%	-	5.1%	-
50 or more	3.4%	-	0.8%	-	7.1%	9.2%	7.1%	-	5.3%	-	6.3%	-	5.5%	7.8%
Manufactured /mobile home or trailer	4.8%	6.5%	7.0%	-	1.7%	4.0%	4.1%	5.2%	2.7%	6.1%	9.8%	-	1.3%	0.9%
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Year Structure Built														
Post-2000	3.3%	4.9%	4.2%	5.9%	1.9%	2.9%	<0.1%	1.3%	0.9%	1.7%	1.6%	2.6%	2.4%	3.0%
Post-1980	35.4%	-	38.1%	-	31.6%	-	22.9%	16.9%	31.1%	16.2%	28.0%	-	32.3%	21.1%
Pre-1980	64.6%	-	61.9%	-	68.4%	-	77.1%	-	68.9%	83.8%	72.0%	-	67.7%	-
Pre-1960	21.2%	35.4%	19.4%	33.7%	23.7%	39.2%	40.2%	52.1%	30.0%	52.9%	28.1%	41.0%	27.4%	48.8%
Pre-1940	4.5%	17.5%	3.3%	15.2%	6.2%	22.2%	16.7%	29.8%	6.3%	29.6%	3.9%	20.9%	6.8%	26.1%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	676	74,026	505	63,322	171	10,704	8	1,047	12	2,138	39	7,035	279	18,035
With a basement under all of house	0.9%	33.0%	0.9%	34.6%	1.0%	23.7%	<0.1%	31.4%	4.1%	16.5%	2.9%	26.5%	1.0%	33.0%
With a basement under part of house	1.4%	11.6%	1.6%	12.2%	0.9%	8.6%	<0.1%	11.1%	2.6%	8.6%	0.8%	8.4%	1.6%	8.5%
With a crawl space	18.4%	25.5%	19.1%	24.5%	16.0%	31.4%	26.6%	-	24.3%	54.1%	28.0%	35.0%	21.9%	-
On a concrete slab	77.4%	29.3%	76.7%	28.3%	79.5%	35.2%	66.3%	23.3%	66.8%	19.8%	65.2%	29.1%	73.9%	33.6%
In some other way	1.9%	0.6%	1.7%	0.5%	2.6%	1.1%	7.1%	2.4%	2.2%	0.9%	3.1%	1.0%	1.7%	0.5%
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EXTERIOR														
External Building Conditions														
Sagging roof	1.5%	2.2%	1.0%	1.9%	2.3%	3.1%	6.2%	8.5%	7.8%	9.8%	2.8%	4.3%	1.9%	2.5%
Missing roofing material	3.0%	-	2.6%	-	3.5%	5.2%	7.3%	10.0%	9.4%	-	3.5%	5.5%	3.5%	4.4%
Hole in roof	1.3%	1.8%	1.0%	1.4%	1.8%	2.7%	1.8%	8.1%	7.1%	9.1%	2.3%	3.5%	1.7%	2.3%
Missing bricks, siding, other outside wall material	2.3%	2.8%	1.4%	2.1%	3.6%	-	9.3%	-	4.3%	11.3%	4.6%	-	2.7%	3.3%
Sloping outside walls	1.4%	-	0.6%	1.0%	2.6%	-	4.4%	5.5%	4.4%	7.5%	3.0%	-	2.0%	-
Boarded up windows	0.7%	0.9%	0.4%	0.6%	1.1%	1.6%	1.7%	3.5%	2.6%	4.2%	1.1%	2.5%	0.7%	1.5%
Broken windows	3.1%	-	2.5%	-	3.9%	5.2%	8.3%	10.3%	11.1%	-	2.6%	6.9%	3.5%	4.6%
Bars on windows	8.0%	4.1%	7.1%	2.9%	9.3%	6.6%	10.6%	7.8%	12.4%	8.4%	12.9%	6.2%	13.7%	10.1%
Foundation crumbling or has open crack or hole	2.4%	-	2.2%	-	2.7%	3.5%	3.5%	8.6%	6.7%	10.8%	3.5%	4.3%	3.2%	-
None of the above	80.4%	-	84.6%	-	74.4%	-	69.0%	-	57.1%	-	71.9%	-	73.3%	-

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Water Leakage During Last 12 Months														
With leakage from outside structure	5.0%	10.5%	5.2%	11.1%	4.8%	9.3%	12.1%	16.1%	22.1%	29.5%	4.6%	10.2%	4.8%	10.0%
Roof	2.9%	5.3%	3.3%	5.4%	2.3%	5.1%	8.0%	10.9%	13.9%	20.1%	3.5%	6.1%	2.7%	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	1.4%	2.1%	1.0%	1.9%	1.9%	2.6%	3.2%	4.9%	10.9%	-	1.4%	2.7%	1.7%	2.5%
Other or Unknown	1.2%	-	1.4%	-	0.9%	1.5%	1.8%	2.8%	7.7%	6.1%	0.6%	1.3%	1.0%	1.4%
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INTERIOR														
Damage														
Holes in floors	0.8%	-	0.7%	-	1.0%	1.7%	8.1%	6.3%	8.0%	-	2.2%	-	0.7%	1.4%
Open cracks or holes	4.4%	-	4.0%	-	4.9%	7.6%	16.4%	-	26.3%	-	6.1%	8.1%	4.6%	6.6%
Broken plaster or peeling paint	2.0%	-	1.4%	-	2.9%	3.7%	12.9%	-	17.5%	-	2.2%	4.3%	2.6%	3.5%
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.2%	8.1%	9.7%	6.8%	13.4%	-	22.9%	17.0%	25.5%	-	9.4%	-	11.6%	-
Fixtures backed up or overflowed	3.8%	2.7%	2.9%	2.2%	5.1%	3.9%	10.2%	7.0%	13.4%	9.9%	3.8%	-	4.6%	3.4%
Pipes leaked	6.5%	3.7%	5.6%	2.9%	7.9%	5.6%	12.6%	8.9%	14.3%	-	5.2%	-	5.8%	4.4%
Broken water heater	0.8%	-	0.9%	-	0.6%	0.8%	<0.1%	2.7%	1.0%	2.2%	<0.1%	1.1%	0.8%	-
Other or Unknown	2.1%	-	1.9%	-	2.3%	-	8.2%	4.6%	5.6%	-	0.9%	1.8%	2.5%	-

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Rodents														
Signs of rats in last 3 mon.	2.1%	0.8%	2.3%	0.6%	1.8%	1.3%	6.2%	-	8.6%	4.6%	3.3%	1.8%	1.9%	1.4%
Signs of mice in last 3 mon.	4.9%	6.0%	5.3%	-	4.2%	7.3%	5.9%	11.4%	6.5%	16.1%	7.5%	9.2%	4.8%	6.6%
Signs of rodents, not sure which kind in last 3 mon.	0.2%	-	0.3%	-	0.2%	0.5%	<0.1%	1.1%	1.0%	1.8%	<0.1%	0.7%	0.3%	-
Electrical														
No electrical wiring	<0.1%	-	0.1%	-	<0.1%	0.1%	<0.1%	2.5%	<0.1%	-	<0.1%	0.2%	<0.1%	-
Exposed wiring	0.5%	-	0.4%	-	0.6%	-	1.4%	2.7%	0.8%	1.3%	1.3%	1.0%	0.6%	-
Rooms without electric outlets	1.3%	-	1.1%	-	1.7%	-	5.8%	8.4%	2.8%	3.7%	2.3%	-	1.5%	-
Fuses/breakers blown in last 3 mon.	10.0%	-	9.8%	-	10.3%	-	32.5%	12.5%	7.6%	15.6%	8.5%	-	9.4%	-
Sanitation														
Lacking complete kitchen facilities	2.0%	1.5%	0.6%	-	3.9%	-	8.7%	-	63.4%	32.7%	5.5%	2.7%	2.0%	2.5%
Lacking some or all plumbing facilities	0.7%	1.3%	0.3%	1.0%	1.2%	2.0%	44.9%	68.8%	<0.1%	0.0%	0.6%	2.5%	0.8%	1.9%
Water not safe to drink	25.2%	9.2%	22.6%	7.1%	28.8%	13.9%	39.1%	16.7%	36.3%	17.2%	30.2%	12.6%	26.2%	12.3%
Water stoppage in last 3 mon.	7.5%	3.5%	5.1%	2.8%	10.8%	4.8%	22.7%	6.2%	12.5%	6.9%	9.4%	4.1%	9.7%	3.4%
No flush toilets working some time in last 3 mon.	3.2%	2.2%	1.3%	-	5.8%	4.3%	4.5%	6.8%	17.4%	11.1%	3.6%	-	3.7%	3.0%
With sewage disposal breakdowns in last 3 mon.	1.6%	-	1.3%	-	2.0%	-	1.7%	3.7%	7.3%	4.2%	2.3%	-	2.0%	-
Septic tank, cesspool, chemical toilet	5.6%	20.7%	8.4%	26.7%	1.7%	7.9%	1.8%	13.3%	8.9%	18.2%	4.1%	17.7%	0.2%	1.2%
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	0.3%	<0.1%	0.4%	<0.1%	0.2%	<0.1%	-	0.9%	-	<0.1%	0.5%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	65.4%	-	80.2%	-	44.5%	-	40.4%	-	48.0%	33.6%	48.0%	-	60.7%	-
Steam or hot water system	0.3%	12.5%	0.1%	10.8%	0.5%	16.2%	1.6%	22.5%	0.9%	12.9%	0.3%	12.6%	0.5%	17.7%
Electric heat pump	3.8%	10.7%	2.8%	11.5%	5.2%	9.1%	6.3%	4.2%	0.8%	4.8%	3.2%	8.4%	2.1%	8.5%
Built-in electric units	7.3%	4.5%	3.2%	-	13.2%	7.6%	5.3%	-	8.5%	4.5%	9.7%	5.9%	9.7%	3.7%
Floor, wall, or other built-in hot air without ducts	19.1%	5.0%	10.8%	3.2%	30.7%	9.0%	28.8%	8.8%	25.7%	5.5%	31.6%	8.1%	23.0%	7.0%
Room heaters with flue	0.5%	1.4%	0.3%	1.1%	0.6%	1.8%	3.1%	-	<0.1%	1.6%	1.0%	2.8%	0.4%	1.0%
Room heaters without flue	0.2%	1.4%	0.1%	1.4%	0.3%	1.5%	1.9%	3.1%	5.4%	33.5%	0.4%	3.4%	0.1%	1.3%
Portable electric heaters	1.1%	0.7%	0.5%	-	2.0%	1.1%	8.7%	1.8%	3.6%	1.6%	1.9%	1.5%	1.5%	0.8%
Stoves	0.4%	1.0%	0.6%	1.2%	0.1%	0.5%	<0.1%	3.3%	0.9%	-	0.6%	1.4%	0.1%	-
Fireplace with inserts	0.2%	-	0.3%	-	0.1%	-	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	0.1%	0.1%	-
Fireplace without inserts	0.2%	-	0.2%	-	0.1%	-	<0.1%	0.2%	<0.1%	<0.1%	0.6%	0.1%	<0.1%	<0.1%
Other	0.4%	-	0.4%	-	0.5%	-	2.1%	0.7%	<0.1%	0.2%	0.9%	0.6%	0.4%	-
No heating equipment	1.1%	0.4%	0.4%	-	2.1%	0.7%	1.7%	-	6.0%	0.6%	1.9%	0.7%	1.5%	0.7%
Cooking stove	<0.1%	-	<0.1%	0.1%	0.1%	-	<0.1%	0.2%	<0.1%	0.2%	<0.1%	0.3%	<0.1%	0.3%
Water Heating Fuel														
Electricity	17.7%	39.2%	11.7%	37.5%	26.1%	43.0%	26.5%	-	29.0%	36.9%	21.3%	44.7%	16.5%	29.0%
Gas, LP/bottled gas	81.7%	55.4%	87.7%	57.6%	73.2%	50.7%	73.5%	57.7%	68.4%	-	78.7%	50.1%	83.1%	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%	0.6%	0.3%	0.7%	0.2%	<0.1%	0.4%	2.6%	0.3%	<0.1%	0.4%	0.4%	-

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Clothes Dryer Fuel(,000)	691	82,538	532	67,262	159	15,276	7	1,014	11	2,387	31	7,720	289	19,624
Electricity	38.2%	76.5%	33.6%	74.8%	53.6%	83.6%	40.3%	75.5%	47.6%	83.0%	40.4%	81.5%	44.2%	71.7%
Gas, LP gas (liquid propane)	61.6%	23.5%	66.2%	25.1%	46.3%	16.3%	59.7%	24.5%	50.2%	17.0%	59.6%	18.5%	55.7%	28.3%
Other	0.1%	-	0.1%	-	0.2%	-	<0.1%	<0.1%	2.2%	<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%	7.6%	10.3%	6.3%	12.8%	-	60.2%	34.6%	26.9%	16.9%	13.0%	-	10.9%	-
Heating equipment breakdowns	1.9%	-	1.5%	-	2.6%	-	48.5%	26.7%	5.4%	3.5%	1.4%	2.8%	2.1%	2.8%
Other causes	8.3%	4.9%	8.1%	4.4%	8.6%	5.9%	19.4%	8.6%	19.0%	10.6%	10.0%	6.8%	7.7%	5.3%
Utility interruption	0.2%	2.1%	0.2%	2.3%	0.2%	1.5%	<0.1%	1.3%	1.0%	2.0%	0.3%	2.0%	0.1%	1.6%
Inadequate heating capacity	1.8%	0.9%	0.9%	0.5%	3.0%	1.7%	12.6%	3.0%	6.2%	3.5%	2.5%	2.0%	1.8%	1.3%
Inadequate insulation	1.6%	0.8%	1.5%	0.5%	1.7%	-	10.7%	3.2%	2.1%	3.6%	2.8%	1.7%	2.0%	1.1%
Cost of heating	4.4%	0.6%	4.9%	0.5%	3.7%	0.8%	4.0%	0.8%	12.1%	2.2%	4.7%	1.1%	3.4%	0.7%
Other	2.0%	1.2%	2.0%	1.0%	2.0%	-	3.7%	-	3.1%	-	1.8%	-	2.2%	1.4%
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	15	1,970	4	932	11	1,039	15	1,970	.	.	1	498	7	881
Severe physical problems	1.5%	1.9%	0.7%	1.3%	2.6%	-	100%	-	.	.	1.5%	3.6%	1.6%	2.8%
Plumbing	0.7%	1.3%	0.3%	1.0%	1.2%	2.0%	44.9%	68.8%	.	.	0.6%	2.5%	0.8%	1.9%
Heating	0.7%	0.5%	0.4%	-	1.2%	0.9%	48.5%	25.1%	.	.	0.9%	-	0.7%	-
Electric	0.1%	-	0.1%	-	<0.1%	-	3.4%	4.7%	.	.	<0.1%	0.3%	<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%	-	6.6%	4.4%	.	.	0.6%	0.3%	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)	29	4,316	8	1,795	21	2,521	.	.	29	4,316	5	1,107	14	1,746
Moderate physical problems	2.9%	4.1%	1.3%	2.5%	5.1%	7.5%	.	.	100%	-	6.4%	8.1%	3.1%	5.6%
Plumbing	0.2%	-	<0.1%	-	0.4%	-	.	.	6.3%	4.5%	0.3%	-	0.2%	-
Heating	0.2%	1.4%	0.1%	1.3%	0.2%	1.5%	.	.	5.4%	33.5%	0.4%	3.2%	0.1%	1.2%
Upkeep	1.8%	1.3%	0.6%	-	3.6%	-	.	.	63.4%	32.7%	5.2%	2.2%	1.8%	2.3%
Hallways	<0.1%	-	<0.1%	-	0.1%	0.4%	.	.	0.9%	3.3%	<0.1%	0.3%	0.1%	-
Kitchen	0.7%	1.2%	0.6%	-	0.9%	2.2%	.	.	24.7%	30.2%	0.8%	2.6%	1.0%	1.9%
OVERALL OPINION OF STRUCTURE														
1(worst)	0.2%	-	0.1%	-	0.4%	1.0%	1.6%	2.6%	2.0%	3.0%	1.0%	1.7%	0.3%	0.6%
2	0.4%	-	0.1%	-	0.9%	-	1.5%	-	3.8%	1.6%	<0.1%	0.9%	0.7%	-
3	0.8%	-	0.3%	-	1.4%	-	3.2%	4.4%	5.1%	3.3%	0.7%	1.7%	1.3%	-
4	1.3%	-	0.6%	-	2.3%	-	2.8%	-	2.7%	3.9%	1.5%	2.2%	2.1%	1.5%
5	7.1%	5.6%	4.7%	3.5%	10.5%	-	10.9%	-	17.8%	14.0%	9.8%	-	6.6%	-
6	5.8%	-	3.3%	4.1%	9.3%	-	7.7%	-	9.3%	-	6.8%	-	6.1%	7.3%
7	15.3%	-	11.9%	-	20.1%	-	19.7%	-	23.1%	14.2%	14.4%	-	16.9%	-
8	28.2%	-	28.3%	-	28.0%	-	28.7%	-	11.8%	22.0%	26.9%	-	29.8%	-
9	15.1%	-	17.4%	-	11.8%	-	9.5%	-	8.9%	-	12.3%	-	14.6%	-
10(best)	25.9%	-	33.3%	-	15.3%	18.7%	14.5%	20.9%	15.5%	-	26.6%	-	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.