

**American Housing Survey - Selected Elements Related to Health Homes
2003 Los Angeles-Long Beach, 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)	3,141	105,842	1,522	72,238	1,619	33,604	102	1,970	171	4,316	525	13,741	1,634	31,213
GENERAL														
Owner occupied(,000)	1,522	72,238	1,522	72,238	.	.	28	932	26	1,795	147	5,868	678	16,093
Renter occupied(,000)	1,619	33,604	.	.	1,619	33,604	73	1,039	145	2,521	378	7,873	956	15,119
Owner occupied	48.5%	68.3%	100%	-	<0.1%	<0.1%	27.9%	47.3%	15.4%	41.6%	28.0%	42.7%	41.5%	51.6%
Renter occupied	51.5%	31.7%	<0.1%	<0.1%	100%	-	72.1%	52.7%	84.6%	58.4%	72.0%	57.3%	58.5%	-
Units in Structure														
1, detached	50.2%	64.0%	83.1%	-	19.3%	24.1%	34.1%	46.8%	16.0%	46.4%	34.4%	45.0%	42.0%	-
1, attached	7.5%	5.9%	5.7%	-	9.2%	-	9.1%	6.4%	3.1%	-	10.0%	6.2%	6.9%	-
2 to 4	8.9%	-	2.4%	-	15.1%	20.8%	15.9%	12.1%	20.1%	-	13.4%	-	9.9%	13.2%
5 to 9	8.6%	4.8%	1.8%	0.7%	15.0%	-	17.4%	8.8%	9.7%	-	10.8%	-	10.3%	7.8%
10 to 19	6.7%	4.2%	1.1%	0.7%	12.0%	-	8.3%	5.9%	14.7%	7.7%	10.5%	6.3%	8.6%	6.5%
20 to 49	9.1%	3.1%	2.2%	0.5%	15.7%	8.6%	9.0%	6.9%	26.3%	5.7%	10.9%	5.1%	11.3%	6.0%
50 or more	7.5%	3.5%	1.7%	0.8%	13.1%	9.2%	5.4%	8.0%	10.1%	5.2%	7.7%	6.1%	10.5%	7.8%
Manufactured /mobile home or trailer	1.4%	6.5%	2.1%	7.6%	0.7%	4.0%	0.9%	5.2%	<0.1%	6.1%	2.2%	9.3%	0.6%	0.9%
Year Structure Built														
Post-2000	0.9%	4.9%	1.1%	5.9%	0.6%	2.9%	<0.1%	1.3%	0.6%	1.7%	0.6%	2.6%	1.1%	3.0%
Post-1980	18.5%	32.2%	17.8%	35.1%	19.1%	26.0%	13.1%	16.9%	15.4%	-	18.2%	24.5%	20.2%	-
Pre-1980	81.5%	-	82.2%	64.9%	80.9%	-	86.9%	-	84.6%	-	81.8%	-	79.8%	-
Pre-1960	48.9%	35.4%	55.6%	33.7%	42.7%	-	60.4%	-	43.0%	52.9%	47.7%	-	48.4%	-
Pre-1940	15.2%	-	15.0%	-	15.4%	22.2%	29.3%	-	16.9%	29.6%	16.3%	20.9%	20.1%	26.1%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	1,813	74,026	1,352	63,322	461	10,704	44	1,047	33	2,138	233	7,035	798	18,035
With a basement under all of house	0.9%	33.0%	0.7%	34.6%	1.7%	23.7%	2.1%	31.4%	3.9%	16.5%	0.9%	26.5%	1.3%	33.0%
With a basement under part of house	3.4%	11.6%	4.1%	12.2%	1.5%	8.6%	3.3%	11.1%	<0.1%	8.6%	3.9%	8.4%	4.7%	8.5%
With a crawl space	52.6%	25.5%	54.4%	24.5%	47.4%	31.4%	56.1%	31.8%	60.2%	-	52.8%	35.0%	55.3%	24.4%
On a concrete slab	42.4%	29.3%	40.3%	28.3%	48.6%	35.2%	36.0%	23.3%	35.9%	19.8%	42.4%	29.1%	37.5%	-
In some other way	0.7%	-	0.6%	-	0.8%	1.1%	2.5%	-	<0.1%	0.9%	<0.1%	1.0%	1.1%	0.5%
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EXTERIOR														
External Building Conditions														
Sagging roof	2.2%	-	1.4%	1.9%	3.0%	-	6.5%	8.5%	5.7%	9.8%	3.4%	4.3%	2.4%	-
Missing roofing material	4.3%	-	3.2%	-	5.5%	-	9.0%	-	7.8%	9.6%	6.2%	-	5.0%	-
Hole in roof	2.5%	1.8%	2.1%	1.4%	3.0%	-	5.5%	8.1%	10.1%	-	3.1%	-	3.2%	2.3%
Missing bricks, siding, other outside wall material	3.2%	-	1.5%	2.1%	4.8%	-	10.1%	-	10.1%	-	3.6%	5.4%	3.5%	-
Sloping outside walls	1.8%	1.4%	1.2%	-	2.4%	-	5.5%	-	4.1%	7.5%	2.2%	3.2%	1.7%	-
Boarded up windows	1.5%	0.9%	0.8%	-	2.1%	1.6%	13.5%	3.5%	1.9%	4.2%	2.9%	-	1.9%	1.5%
Broken windows	4.8%	3.7%	4.1%	3.0%	5.5%	-	17.4%	10.3%	8.8%	12.4%	9.5%	6.9%	4.7%	-
Bars on windows	21.9%	4.1%	18.1%	2.9%	25.5%	6.6%	38.3%	7.8%	30.5%	8.4%	29.7%	6.2%	26.6%	10.1%
Foundation crumbling or has open crack or hole	2.2%	2.6%	1.5%	2.2%	2.9%	3.5%	13.7%	8.6%	7.9%	10.8%	2.5%	4.3%	2.2%	3.1%
None of the above	62.8%	81.5%	70.8%	85.2%	55.4%	73.5%	31.6%	63.5%	42.8%	57.3%	53.2%	72.4%	58.9%	73.1%

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Water Leakage During Last 12 Months														
With leakage from outside structure	8.4%	10.5%	7.6%	11.1%	9.2%	-	18.9%	-	27.2%	-	5.9%	10.2%	10.0%	-
Roof	6.1%	-	6.1%	-	6.0%	-	13.6%	-	17.7%	-	4.5%	6.1%	7.1%	5.3%
Basement	0.2%	3.6%	0.1%	4.5%	0.3%	1.8%	1.7%	3.3%	1.0%	6.0%	0.3%	2.1%	0.3%	2.9%
Walls, closed windows, or doors	1.9%	-	1.6%	-	2.2%	-	7.6%	4.9%	12.0%	9.1%	1.0%	2.7%	2.4%	-
Other or Unknown	1.5%	-	1.1%	-	1.9%	1.5%	3.5%	-	3.2%	6.1%	1.1%	1.3%	1.9%	1.4%
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INTERIOR														
Damage														
Holes in floors	1.0%	-	0.8%	-	1.1%	1.7%	5.4%	-	5.8%	9.5%	1.7%	-	1.1%	1.4%
Open cracks or holes	6.0%	-	3.4%	-	8.5%	-	21.2%	16.3%	31.9%	-	6.8%	-	6.8%	-
Broken plaster or peeling paint	3.9%	2.2%	2.3%	1.5%	5.3%	3.7%	16.8%	10.6%	20.7%	-	4.7%	-	4.1%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	10.8%	8.1%	7.8%	-	13.7%	-	26.1%	17.0%	23.9%	-	11.5%	-	12.5%	9.6%
Fixtures backed up or overflowed	4.5%	2.7%	3.7%	2.2%	5.3%	3.9%	15.6%	7.0%	8.5%	-	5.3%	3.1%	4.9%	3.4%
Pipes leaked	5.6%	3.7%	3.6%	2.9%	7.6%	5.6%	15.2%	8.9%	16.9%	-	6.1%	-	6.5%	4.4%
Broken water heater	0.8%	-	0.2%	0.8%	1.4%	0.8%	5.6%	2.7%	0.7%	2.2%	0.7%	1.1%	1.0%	-
Other or Unknown	2.0%	-	1.4%	-	2.6%	-	1.2%	4.6%	6.3%	-	2.2%	-	2.6%	-

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Rodents														
Signs of rats in last 3 mon.	1.9%	0.8%	1.5%	0.6%	2.2%	1.3%	11.1%	5.1%	5.5%	-	1.2%	1.8%	2.7%	1.4%
Signs of mice in last 3 mon.	4.2%	6.0%	2.8%	5.4%	5.4%	7.3%	13.4%	-	6.4%	16.1%	6.7%	9.2%	4.8%	6.6%
Signs of rodents, not sure which kind in last 3 mon.	0.7%	0.3%	0.3%	-	1.1%	0.5%	2.5%	1.1%	3.0%	1.8%	1.5%	0.7%	0.5%	-
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	0.3%	0.6%	0.1%	0.5%	0.4%	0.8%	2.3%	-	0.5%	1.3%	0.6%	1.0%	0.3%	0.6%
Rooms without electric outlets	1.7%	-	1.0%	-	2.4%	-	7.4%	-	2.9%	3.7%	2.2%	-	1.9%	-
Fuses/breakers blown in last 3 mon.	7.4%	9.2%	7.7%	9.4%	7.0%	8.8%	13.2%	-	10.5%	15.6%	5.0%	7.9%	7.4%	9.4%
Sanitation														
Lacking complete kitchen facilities	3.5%	1.5%	0.8%	0.4%	6.0%	3.7%	8.4%	-	59.1%	32.7%	4.4%	2.7%	3.5%	2.5%
Lacking some or all plumbing facilities	1.6%	1.3%	1.1%	-	2.2%	-	50.8%	68.8%	<0.1%	0.0%	2.1%	-	2.3%	-
Water not safe to drink	37.2%	9.2%	28.6%	7.1%	45.3%	13.9%	57.6%	16.7%	49.2%	17.2%	44.7%	12.6%	41.4%	12.3%
Water stoppage in last 3 mon.	4.5%	3.5%	1.9%	2.8%	6.9%	4.8%	8.6%	6.2%	11.5%	6.9%	3.5%	-	5.5%	3.4%
No flush toilets working some time in last 3 mon.	3.9%	2.2%	2.0%	1.2%	5.7%	4.3%	8.4%	6.8%	14.2%	11.1%	4.6%	-	4.8%	3.0%
With sewage disposal breakdowns in last 3 mon.	2.6%	1.5%	2.6%	1.3%	2.5%	2.0%	4.9%	3.7%	4.6%	-	2.7%	-	2.3%	-
Septic tank, cesspool, chemical toilet	0.9%	20.7%	1.1%	26.7%	0.7%	7.9%	0.9%	13.3%	0.5%	18.2%	0.6%	17.7%	1.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	0.3%	<0.1%	0.4%	<0.1%	0.2%	<0.1%	-	<0.1%	0.9%	<0.1%	0.5%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	53.6%	-	67.7%	-	40.3%	51.4%	35.0%	47.0%	45.1%	33.6%	40.2%	54.2%	50.8%	-
Steam or hot water system	0.4%	12.5%	0.1%	10.8%	0.8%	16.2%	0.9%	22.5%	1.4%	12.9%	0.4%	12.6%	0.7%	17.7%
Electric heat pump	2.2%	10.7%	1.5%	11.5%	2.8%	9.1%	<0.1%	4.2%	1.6%	4.8%	1.7%	8.4%	3.0%	8.5%
Built-in electric units	3.5%	4.5%	2.4%	3.0%	4.6%	7.6%	1.8%	4.3%	4.1%	-	4.7%	5.9%	4.1%	-
Floor, wall, or other built-in hot air without ducts	33.1%	5.0%	23.6%	3.2%	42.0%	9.0%	47.5%	8.8%	31.0%	5.5%	42.6%	8.1%	34.1%	7.0%
Room heaters with flue	1.6%	-	0.9%	-	2.2%	-	<0.1%	2.5%	2.4%	1.6%	2.8%	-	1.2%	-
Room heaters without flue	0.4%	1.4%	0.3%	1.4%	0.6%	1.5%	2.3%	3.1%	6.9%	33.5%	0.4%	3.4%	0.7%	1.3%
Portable electric heaters	2.4%	0.7%	1.7%	0.5%	3.1%	1.1%	4.6%	1.8%	2.1%	1.6%	3.8%	1.5%	1.9%	0.8%
Stoves	<0.1%	1.0%	<0.1%	1.2%	0.1%	0.5%	<0.1%	3.3%	0.7%	1.0%	<0.1%	1.4%	0.1%	-
Fireplace with inserts	0.2%	-	0.4%	-	0.1%	-	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	0.1%	0.3%	-
Fireplace without inserts	0.1%	-	0.1%	-	0.1%	-	<0.1%	0.2%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%
Other	0.5%	-	0.4%	-	0.6%	-	1.0%	0.7%	<0.1%	0.2%	0.4%	-	0.5%	-
No heating equipment	1.8%	0.4%	0.8%	0.3%	2.8%	0.7%	7.1%	1.5%	4.7%	0.6%	2.5%	0.7%	2.6%	0.7%
Cooking stove	0.1%	-	0.1%	-	0.1%	-	<0.1%	0.2%	<0.1%	0.2%	0.3%	-	0.2%	-
Water Heating Fuel														
Electricity	7.8%	39.2%	4.3%	37.5%	11.1%	43.0%	4.8%	31.5%	17.2%	36.9%	9.3%	44.7%	9.4%	29.0%
Gas, LP/bottled gas	92.1%	55.4%	95.5%	57.6%	88.8%	50.7%	95.2%	57.7%	82.8%	57.8%	90.4%	50.1%	90.4%	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	0.1%	-	0.2%	-	0.1%	-	<0.1%	0.4%	<0.1%	0.3%	0.2%	-	0.2%	-

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Clothes Dryer Fuel(,000)	1,723	82,538	1,332	67,262	391	15,276	37	1,014	44	2,387	197	7,720	780	19,624
Electricity	19.5%	76.5%	18.2%	74.8%	23.7%	83.6%	36.4%	75.5%	14.5%	83.0%	25.0%	81.5%	21.9%	71.7%
Gas, LP gas (liquid propane)	80.4%	23.5%	81.6%	25.1%	76.3%	16.3%	63.6%	24.5%	85.5%	17.0%	74.5%	18.5%	78.1%	28.3%
Other	0.1%	-	0.2%	-	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	<0.1%	0.6%	<0.1%	<0.1%	<0.1%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	7.9%	-	5.2%	6.3%	10.8%	-	52.0%	34.6%	18.2%	-	10.7%	-	9.3%	-
Heating equipment breakdowns	2.8%	2.1%	1.6%	-	3.8%	2.9%	42.2%	26.7%	4.5%	3.5%	4.0%	2.8%	3.9%	2.8%
Other causes	4.6%	-	3.5%	4.4%	5.7%	-	6.4%	8.6%	9.1%	-	5.8%	-	5.1%	-
Utility interruption	0.1%	2.1%	<0.1%	2.3%	0.2%	1.5%	<0.1%	1.3%	<0.1%	2.0%	<0.1%	2.0%	0.2%	1.6%
Inadequate heating capacity	1.3%	0.9%	0.7%	-	1.9%	-	<0.1%	3.0%	2.8%	3.5%	1.5%	2.0%	1.5%	-
Inadequate insulation	0.8%	-	0.5%	-	1.2%	1.6%	0.9%	3.2%	2.2%	3.6%	1.5%	-	0.8%	1.1%
Cost of heating	1.0%	0.6%	1.2%	0.5%	0.8%	-	1.4%	0.8%	2.5%	-	0.7%	1.1%	0.8%	-
Other	2.1%	1.2%	1.5%	1.0%	2.7%	1.6%	5.2%	3.2%	4.9%	2.7%	3.5%	1.6%	2.6%	1.4%
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	102	1,970	28	932	73	1,039	102	1,970	.	.	28	498	74	881
Severe physical problems	3.2%	1.9%	1.9%	1.3%	4.5%	3.1%	100%	-	.	.	5.3%	3.6%	4.5%	2.8%
Plumbing	1.6%	1.3%	1.1%	-	2.2%	-	50.8%	68.8%	.	.	2.1%	-	2.3%	-
Heating	1.3%	0.5%	0.6%	0.3%	2.0%	0.9%	40.3%	25.1%	.	.	2.5%	0.8%	1.9%	0.8%
Electric	0.1%	-	0.2%	-	0.1%	-	4.3%	-	.	.	0.2%	-	0.2%	-
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.4%	.	.	<0.1%	-	<0.1%	-
Upkeep	0.2%	-	<0.1%	-	0.3%	-	5.5%	4.4%	.	.	0.6%	-	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)	171	4,316	26	1,795	145	2,521	.	.	171	4,316	32	1,107	100	1,746
Moderate physical problems	5.4%	4.1%	1.7%	2.5%	8.9%	-	.	.	100%	-	6.1%	8.1%	6.1%	-
Plumbing	0.3%	-	<0.1%	0.1%	0.6%	-	.	.	6.0%	4.5%	0.6%	-	0.5%	-
Heating	0.4%	1.4%	0.2%	1.3%	0.5%	1.5%	.	.	6.9%	33.5%	0.4%	3.2%	0.5%	1.2%
Upkeep	3.2%	1.3%	0.8%	0.4%	5.5%	3.4%	.	.	59.1%	32.7%	4.1%	2.2%	3.1%	2.3%
Hallways	0.3%	-	<0.1%	-	0.5%	-	.	.	4.9%	3.3%	0.8%	0.3%	0.5%	-
Kitchen	1.5%	-	0.7%	-	2.2%	-	.	.	26.7%	-	0.6%	2.6%	1.8%	-
<hr/>														
OVERALL OPINION OF STRUCTURE														
1(worst)	0.8%	0.5%	0.2%	-	1.4%	1.0%	3.2%	-	2.8%	-	1.4%	1.7%	1.1%	0.6%
2	0.4%	-	0.1%	-	0.7%	-	2.0%	-	1.4%	-	0.8%	-	0.5%	-
3	1.2%	0.8%	0.3%	-	2.1%	1.7%	9.7%	4.4%	5.5%	3.3%	2.0%	-	1.8%	1.2%
4	1.4%	1.1%	0.5%	-	2.2%	-	3.4%	2.6%	2.9%	3.9%	2.1%	-	1.8%	-
5	8.1%	5.6%	4.6%	3.5%	11.3%	-	15.8%	10.7%	12.6%	-	10.8%	-	7.8%	-
6	7.1%	5.6%	4.4%	-	9.7%	-	9.2%	-	12.6%	-	7.0%	-	8.1%	-
7	15.6%	-	13.1%	-	17.9%	-	15.8%	-	16.1%	-	12.7%	-	15.9%	-
8	28.2%	-	28.7%	-	27.7%	-	26.7%	-	21.9%	-	28.1%	-	29.0%	-
9	14.4%	-	18.4%	-	10.7%	-	8.1%	10.1%	8.2%	10.2%	10.9%	-	13.2%	-
10(best)	22.8%	27.8%	29.7%	-	16.3%	-	5.9%	20.9%	16.2%	-	24.3%	30.0%	20.8%	-

* = 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.