

**American Housing Survey - Selected Elements Related to Health Homes  
Los Angeles-Long Beach, CA in 2003 and 1999 \***

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
Total Occupied Units,(000)	3,141	3,068	1,522	1,396	1,619	1,672	102	105	171	211	525	522	1,634	1,584
<b>GENERAL</b>														
Owner occupied,(000)	1,522	1,396	1,522	1,396	.	.	28	29	26	39	147	133	678	603
Renter occupied,(000)	1,619	1,672	.	.	1,619	1,672	73	76	145	171	378	389	956	981
Owner occupied	48.5%	45.5%	100%	-	.	.	27.9%	-	15.4%	18.7%	28.0%	25.5%	41.5%	38.1%
Renter occupied	51.5%	54.5%	.	.	100%	-	72.1%	-	84.6%	-	72.0%	-	58.5%	61.9%
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<b>Units in Structure</b>														
1, detached	50.2%	-	83.1%	-	19.3%	22.1%	34.1%	37.2%	16.0%	23.1%	34.4%	-	42.0%	-
1, attached	7.5%	11.1%	5.7%	-	9.2%	15.8%	9.1%	10.6%	3.1%	7.5%	10.0%	13.7%	6.9%	10.7%
2 to 4	8.9%	-	2.4%	-	15.1%	13.5%	15.9%	5.6%	20.1%	11.5%	13.4%	11.4%	9.9%	-
5 to 9	8.6%	7.2%	1.8%	-	15.0%	11.8%	17.4%	10.2%	9.7%	11.2%	10.8%	10.1%	10.3%	8.9%
10 to 19	6.7%	-	1.1%	-	12.0%	11.2%	8.3%	5.8%	14.7%	13.1%	10.5%	7.5%	8.6%	7.6%
20 to 49	9.1%	-	2.2%	-	15.7%	14.2%	9.0%	18.4%	26.3%	-	10.9%	12.4%	11.3%	-
50 or more	7.5%	6.7%	1.7%	-	13.1%	11.1%	5.4%	10.0%	10.1%	7.3%	7.7%	8.5%	10.5%	9.4%
Manufactured /mobile home or trailer	1.4%	-	2.1%	-	0.7%	-	0.9%	-	<0.1%	-	2.2%	-	0.6%	-
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<b>Year Structure Built</b>														
Post-2000	0.9%	-	1.1%	-	0.6%	-	<0.1%	-	0.6%	-	0.6%	-	1.1%	-
Post-1980	18.5%	17.1%	17.8%	15.8%	19.1%	-	13.1%	12.0%	15.4%	-	18.2%	15.3%	20.2%	18.3%
Pre-1980	81.5%	-	82.2%	-	80.9%	-	86.9%	-	84.6%	-	81.8%	-	79.8%	-
Pre-1960	48.9%	-	55.6%	-	42.7%	46.1%	60.4%	-	43.0%	-	47.7%	50.5%	48.4%	51.1%
Pre-1940	15.2%	16.1%	15.0%	-	15.4%	17.6%	29.3%	15.0%	16.9%	-	16.3%	20.0%	20.1%	21.6%

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	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	1,813	1,863	1,352	1,230	461	633	44	50	33	65	233	254	798	828
With a basement under all of house	0.9%	-	0.7%	-	1.7%	-	2.1%	-	3.9%	-	0.9%	-	1.3%	-
With a basement under part of house	3.4%	-	4.1%	-	1.5%	-	3.3%	-	<0.1%	1.3%	3.9%	-	4.7%	-
With a crawl space	52.6%	-	54.4%	-	47.4%	44.9%	56.1%	60.3%	60.2%	-	52.8%	-	55.3%	51.9%
On a concrete slab	42.4%	-	40.3%	-	48.6%	-	36.0%	-	35.9%	-	42.4%	-	37.5%	39.9%
In some other way	0.7%	-	0.6%	-	0.8%	-	2.5%	-	<0.1%	-	<0.1%	1.5%	1.1%	-
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EXTERIOR														
External Building Conditions														
Sagging roof	2.2%	-	1.4%	-	3.0%	-	6.5%	3.5%	5.7%	4.9%	3.4%	-	2.4%	-
Missing roofing material	4.3%	-	3.2%	-	5.5%	-	9.0%	11.6%	7.8%	11.8%	6.2%	4.5%	5.0%	5.8%
Hole in roof	2.5%	-	2.1%	-	3.0%	-	5.5%	6.2%	10.1%	8.1%	3.1%	-	3.2%	-
Missing bricks, siding, other outside wall material	3.2%	-	1.5%	-	4.8%	-	10.1%	8.3%	10.1%	5.9%	3.6%	-	3.5%	-
Sloping outside walls	1.8%	-	1.2%	-	2.4%	-	5.5%	0.7%	4.1%	-	2.2%	-	1.7%	-
Boarded up windows	1.5%	-	0.8%	-	2.1%	-	13.5%	3.8%	1.9%	5.1%	2.9%	-	1.9%	-
Broken windows	4.8%	6.5%	4.1%	5.4%	5.5%	7.3%	17.4%	13.7%	8.8%	13.5%	9.5%	8.5%	4.7%	6.4%
Bars on windows	21.9%	-	18.1%	-	25.5%	-	38.3%	21.9%	30.5%	25.9%	29.7%	32.0%	26.6%	-
Foundation crumbling or has open crack or hole	2.2%	-	1.5%	-	2.9%	-	13.7%	2.3%	7.9%	5.5%	2.5%	-	2.2%	-
None of the above	62.8%	-	70.8%	-	55.4%	52.4%	31.6%	44.3%	42.8%	-	53.2%	46.7%	58.9%	54.8%

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	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
<b>Water Leakage During Last 12 Months</b>														
With leakage from outside structure	8.4%	7.0%	7.6%	-	9.2%	6.6%	18.9%	12.5%	27.2%	19.5%	5.9%	7.0%	10.0%	8.0%
Roof	6.1%	5.2%	6.1%	-	6.0%	4.6%	13.6%	9.0%	17.7%	13.9%	4.5%	-	7.1%	5.9%
Basement	0.2%	-	0.1%	-	0.3%	-	1.7%	-	1.0%	-	0.3%	-	0.3%	-
Walls, closed windows, or doors	1.9%	-	1.6%	-	2.2%	-	7.6%	4.2%	12.0%	6.6%	1.0%	-	2.4%	-
Other or Unknown	1.5%	-	1.1%	-	1.9%	-	3.5%	-	3.2%	-	1.1%	-	1.9%	-
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<b>INTERIOR</b>														
<b>Damage</b>														
Holes in floors	1.0%	-	0.8%	-	1.1%	-	5.4%	7.1%	5.8%	-	1.7%	-	1.1%	-
Open cracks or holes	6.0%	6.6%	3.4%	5.2%	8.5%	7.8%	21.2%	9.1%	31.9%	20.5%	6.8%	8.0%	6.8%	7.2%
Broken plaster or peeling paint	3.9%	-	2.3%	-	5.3%	-	16.8%	13.1%	20.7%	12.7%	4.7%	6.2%	4.1%	-
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<b>Water Leakage During Last 12 Months</b>														
With leakage from inside structure	10.8%	11.5%	7.8%	10.3%	13.7%	12.4%	26.1%	10.9%	23.9%	-	11.5%	12.7%	12.5%	-
Fixtures backed up or overflowed	4.5%	5.7%	3.7%	5.6%	5.3%	5.8%	15.6%	4.9%	8.5%	13.1%	5.3%	5.7%	4.9%	5.9%
Pipes leaked	5.6%	6.0%	3.6%	-	7.6%	-	15.2%	6.7%	16.9%	15.2%	6.1%	7.5%	6.5%	7.2%
Broken water heater	0.8%	-	0.2%	-	1.4%	-	5.6%	<0.1%	0.7%	-	0.7%	-	1.0%	-
Other or Unknown	2.0%	-	1.4%	-	2.6%	-	1.2%	-	6.3%	2.0%	2.2%	-	2.6%	-

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	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999	2003	1999
<b>Rodents</b>														
Signs of rats in last 3 mon.	1.9%	-	1.5%	-	2.2%	-	11.1%	7.4%	5.5%	9.9%	1.2%	-	2.7%	-
Signs of mice in last 3 mon.	4.2%	-	2.8%	-	5.4%	-	13.4%	7.9%	6.4%	11.3%	6.7%	7.5%	4.8%	5.3%
Signs of rodents, not sure which kind in last 3 mon.	0.7%	-	0.3%	-	1.1%	-	2.5%	-	3.0%	-	1.5%	-	0.5%	-
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<b>Electrical</b>														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.1%	-
Exposed wiring	0.3%	-	0.1%	-	0.4%	-	2.3%	-	0.5%	-	0.6%	-	0.3%	-
Rooms without electric outlets	1.7%	-	1.0%	-	2.4%	-	7.4%	2.4%	2.9%	-	2.2%	-	1.9%	-
Fuses/breakers blown in last 3 mon.	7.4%	9.8%	7.7%	11.2%	7.0%	8.6%	13.2%	16.3%	10.5%	-	5.0%	7.2%	7.4%	10.3%
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<b>Sanitation</b>														
Lacking complete kitchen facilities	3.5%	-	0.8%	-	6.0%	7.6%	8.4%	14.2%	59.1%	64.1%	4.4%	10.5%	3.5%	-
Lacking some or all plumbing facilities	1.6%	-	1.1%	-	2.2%	-	50.8%	75.2%	<0.1%	-	2.1%	-	2.3%	-
Water not safe to drink	37.2%	-	28.6%	-	45.3%	41.9%	57.6%	45.9%	49.2%	40.5%	44.7%	39.5%	41.4%	37.0%
Water stoppage in last 3 mon.	4.5%	-	1.9%	-	6.9%	5.7%	8.6%	-	11.5%	9.9%	3.5%	5.2%	5.5%	5.0%
No flush toilets working some time in last 3 mon.	3.9%	5.9%	2.0%	-	5.7%	7.9%	8.4%	12.8%	14.2%	10.9%	4.6%	7.5%	4.8%	7.2%
With sewage disposal breakdowns in last 3 mon.	2.6%	-	2.6%	-	2.5%	-	4.9%	7.4%	4.6%	-	2.7%	-	2.3%	-
Septic tank, cesspool, chemical toilet	0.9%	-	1.1%	-	0.7%	-	0.9%	-	0.5%	-	0.6%	-	1.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-

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<b>HEATING/FUEL</b>														
<b>Main Heating Equipment</b>														
Warm-air furnace	53.6%	-	67.7%	-	40.3%	-	35.0%	-	45.1%	38.8%	40.2%	-	50.8%	-
Steam or hot water system	0.4%	-	0.1%	-	0.8%	-	0.9%	-	1.4%	-	0.4%	-	0.7%	-
Electric heat pump	2.2%	-	1.5%	-	2.8%	-	<0.1%	2.8%	1.6%	-	1.7%	-	3.0%	-
Built-in electric units	3.5%	-	2.4%	-	4.6%	-	1.8%	-	4.1%	-	4.7%	-	4.1%	-
Floor, wall, or other built-in hot air without ducts	33.1%	29.9%	23.6%	20.6%	42.0%	37.6%	47.5%	32.9%	31.0%	-	42.6%	38.9%	34.1%	30.6%
Room heaters with flue	1.6%	-	0.9%	-	2.2%	-	<0.1%	1.6%	2.4%	-	2.8%	-	1.2%	-
Room heaters without flue	0.4%	-	0.3%	-	0.6%	-	2.3%	-	6.9%	12.2%	0.4%	-	0.7%	-
Portable electric heaters	2.4%	-	1.7%	-	3.1%	-	4.6%	-	2.1%	-	3.8%	-	1.9%	-
Stoves	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	0.7%	-	<0.1%	-	0.1%	-
Fireplace with inserts	0.2%	-	0.4%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.3%	-
Fireplace without inserts	0.1%	-	0.1%	-	0.1%	-	<0.1%	0.7%	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.5%	-	0.4%	-	0.6%	-	1.0%	-	<0.1%	-	0.4%	-	0.5%	-
No heating equipment	1.8%	-	0.8%	-	2.8%	-	7.1%	19.5%	4.7%	5.6%	2.5%	-	2.6%	-
Cooking stove	0.1%	-	0.1%	-	0.1%	-	<0.1%	-	<0.1%	0.4%	0.3%	-	0.2%	-
<b>Water Heating Fuel</b>														
Electricity	7.8%	-	4.3%	-	11.1%	10.0%	4.8%	12.6%	17.2%	12.3%	9.3%	8.2%	9.4%	8.4%
Gas, LP/bottled gas	92.1%	-	95.5%	-	88.8%	-	95.2%	87.4%	82.8%	87.7%	90.4%	-	90.4%	-
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.1%	-	0.2%	-	0.1%	-	<0.1%	-	<0.1%	-	0.2%	-	0.2%	-

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Clothes Dryer Fuel(,000)	1,723	1,586	1,332	1,201	391	386	37	30	44	55	197	159	780	700
Electricity	19.5%	21.8%	18.2%	20.7%	23.7%	25.2%	36.4%	14.8%	14.5%	21.0%	25.0%	20.6%	21.9%	-
Gas, LP gas (liquid propane)	80.4%	-	81.6%	-	76.3%	-	63.6%	85.2%	85.5%	79.0%	74.5%	79.4%	78.1%	-
Other	0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.6%	-	<0.1%	0.5%
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<b>Heating Problems</b>														
Uncomfortably cold for 24 hours or more last winter	7.9%	8.4%	5.2%	6.8%	10.8%	9.9%	52.0%	31.3%	18.2%	20.3%	10.7%	11.6%	9.3%	10.0%
Heating equipment breakdowns	2.8%	-	1.6%	-	3.8%	-	42.2%	23.4%	4.5%	-	4.0%	-	3.9%	-
Other causes	4.6%	5.0%	3.5%	-	5.7%	5.3%	6.4%	7.1%	9.1%	12.5%	5.8%	6.7%	5.1%	5.9%
Utility interruption	0.1%	-	<0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	<0.1%	0.4%	0.2%	-
Inadequate heating capacity	1.3%	-	0.7%	-	1.9%	-	<0.1%	3.3%	2.8%	-	1.5%	-	1.5%	-
Inadequate insulation	0.8%	-	0.5%	-	1.2%	-	0.9%	-	2.2%	-	1.5%	-	0.8%	-
Cost of heating	1.0%	-	1.2%	-	0.8%	-	1.4%	-	2.5%	-	0.7%	-	0.8%	-
Other	2.1%	-	1.5%	-	2.7%	-	5.2%	3.2%	4.9%	-	3.5%	-	2.6%	-
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<b>SELECTED PHYSICAL PROBLEMS</b>														
Severe Physical Problems(,000)	102	105	28	29	73	76	102	105	.	.	28	22	74	68
Severe physical problems	3.2%	-	1.9%	-	4.5%	-	100%	-	.	.	5.3%	4.2%	4.5%	-
Plumbing	1.6%	-	1.1%	-	2.2%	-	50.8%	75.2%	.	.	2.1%	-	2.3%	-
Heating	1.3%	-	0.6%	-	2.0%	-	40.3%	22.3%	.	.	2.5%	-	1.9%	-
Electric	0.1%	-	0.2%	-	0.1%	-	4.3%	-	.	.	0.2%	-	0.2%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	0.2%	-	<0.1%	-	0.3%	-	5.5%	2.1%	.	.	0.6%	-	0.2%	-

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Moderate Physical Problems(,000)	171	211	26	39	145	171	.	.	171	211	32	62	100	108
Moderate physical problems	5.4%	6.9%	1.7%	-	8.9%	10.2%	.	.	100%	-	6.1%	11.9%	6.1%	6.8%
Plumbing	0.3%	-	<0.1%	-	0.6%	-	.	.	6.0%	5.7%	0.6%	-	0.5%	-
Heating	0.4%	-	0.2%	-	0.5%	-	.	.	6.9%	12.2%	0.4%	-	0.5%	-
Upkeep	3.2%	-	0.8%	-	5.5%	6.7%	.	.	59.1%	64.1%	4.1%	8.8%	3.1%	-
Hallways	0.3%	-	<0.1%	-	0.5%	-	.	.	4.9%	-	0.8%	-	0.5%	-
Kitchen	1.5%	-	0.7%	-	2.2%	-	.	.	26.7%	22.8%	0.6%	-	1.8%	-
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<b>OVERALL OPINION OF STRUCTURE</b>														
1(worst)	0.8%	-	0.2%	-	1.4%	-	3.2%	-	2.8%	-	1.4%	-	1.1%	-
2	0.4%	-	0.1%	-	0.7%	-	2.0%	-	1.4%	-	0.8%	-	0.5%	-
3	1.2%	-	0.3%	-	2.1%	-	9.7%	-	5.5%	2.1%	2.0%	-	1.8%	-
4	1.4%	-	0.5%	-	2.2%	-	3.4%	-	2.9%	-	2.1%	-	1.8%	-
5	8.1%	8.6%	4.6%	-	11.3%	12.3%	15.8%	14.1%	12.6%	13.7%	10.8%	13.7%	7.8%	10.4%
6	7.1%	8.2%	4.4%	5.3%	9.7%	10.6%	9.2%	9.9%	12.6%	6.3%	7.0%	9.1%	8.1%	8.7%
7	15.6%	-	13.1%	14.9%	17.9%	-	15.8%	23.1%	16.1%	13.3%	12.7%	14.5%	15.9%	-
8	28.2%	-	28.7%	-	27.7%	-	26.7%	11.8%	21.9%	30.4%	28.1%	23.1%	29.0%	27.3%
9	14.4%	13.2%	18.4%	-	10.7%	9.6%	8.1%	7.4%	8.2%	11.3%	10.9%	10.4%	13.2%	-
10(best)	22.8%	-	29.7%	-	16.3%	-	5.9%	18.0%	16.2%	13.3%	24.3%	21.2%	20.8%	18.7%

\* = 1999 is only reported if  $\geq 5\%$  different from 2003. See [www.healthyhomestraining.org/ahs/](http://www.healthyhomestraining.org/ahs/) for more info.