

**American Housing Survey - Selected Elements Related to Health Homes
1998 San Jose, CA and 1999 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)	566	102,803	344	68,796	222	34,007	7	2,053	15	4,826		13,955	275	31,131
GENERAL														
Owner occupied(,000)	344	68,796	344	68,796	.	.	2	869	5	2,056		6,083	173	15,512
Renter occupied(,000)	222	34,007	.	.	222	34,007	5	1,184	11	2,769		7,872	102	15,619
Owner occupied	60.7%	-	100%	-	<0.1%	<0.1%	28.3%	42.3%	31.0%	42.6%		43.6%	62.9%	49.8%
Renter occupied	39.3%	-	<0.1%	<0.1%	100%	-	71.7%	-	69.0%	-		56.4%	37.1%	50.2%
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Units in Structure														
1, detached	60.2%	-	80.2%	-	29.3%	-	34.9%	45.0%	39.2%	48.4%		44.7%	60.1%	-
1, attached	13.2%	6.8%	9.1%	5.1%	19.7%	10.2%	22.9%	5.4%	7.8%	4.4%		7.7%	13.5%	9.5%
2 to 4	7.0%	-	1.9%	-	14.8%	20.9%	11.3%	-	13.6%	-		13.1%	7.5%	13.7%
5 to 9	5.5%	-	1.4%	0.7%	11.9%	-	12.9%	9.3%	9.9%	7.1%		7.4%	5.5%	7.6%
10 to 19	4.6%	-	0.5%	-	10.9%	-	7.4%	-	9.0%	6.9%		6.2%	3.4%	6.8%
20 to 49	5.2%	3.3%	0.4%	-	12.7%	8.8%	5.6%	8.2%	14.9%	6.3%		5.2%	4.9%	6.0%
50 or more	<0.1%	3.2%	<0.1%	-	<0.1%	8.2%	<0.1%	7.8%	<0.1%	4.6%		6.0%	<0.1%	7.0%
Manufactured /mobile home or trailer	4.2%	6.6%	6.4%	8.2%	0.8%	3.3%	4.8%	-	5.6%	7.4%		9.7%	5.2%	1.1%
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Year Structure Built														
Post-2000	<0.1%	-	<0.1%	-	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%		0.0%	<0.1%	0.0%
Post-1980	20.7%	27.9%	21.1%	30.3%	20.0%	-	6.1%	13.0%	14.9%	-		21.1%	21.4%	-
Pre-1980	79.3%	-	78.9%	-	80.0%	-	93.9%	-	85.1%	-		78.9%	78.6%	-
Pre-1960	29.6%	38.2%	30.0%	36.6%	29.1%	41.3%	43.8%	57.6%	39.6%	55.9%		43.9%	24.0%	51.5%
Pre-1940	6.0%	19.0%	5.3%	16.8%	7.1%	23.5%	15.4%	32.9%	12.5%	31.9%		22.8%	6.1%	27.8%

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Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	416	71,499	307	59,969	109	11,530	4	1,036	7	2,545	7,306	202	17,963	
With a basement under all of house	2.0%	33.2%	1.6%	35.4%	3.2%	21.4%	10.7%	30.5%	2.0%	14.6%	26.2%	2.3%	33.3%	
With a basement under part of house	3.9%	11.5%	4.1%	12.2%	3.3%	7.9%	3.5%	11.0%	7.6%	9.3%	8.4%	3.4%	8.2%	
With a crawl space	57.6%	25.8%	64.2%	24.8%	38.7%	30.9%	36.5%	-	48.2%	-	33.3%	57.4%	24.2%	
On a concrete slab	34.8%	-	28.7%	-	51.8%	38.3%	45.9%	24.1%	40.2%	21.2%	30.7%	35.3%	-	
In some other way	1.7%	0.9%	1.3%	0.8%	3.0%	1.5%	3.5%	1.5%	2.0%	-	1.4%	1.6%	0.8%	
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EXTERIOR														
External Building Conditions														
Sagging roof	2.2%	-	2.0%	-	2.4%	3.2%	6.0%	-	4.2%	9.1%	3.7%	2.0%	2.6%	
Missing roofing material	5.2%	3.8%	4.9%	3.3%	5.7%	-	13.1%	9.0%	8.3%	10.7%	5.5%	5.8%	4.4%	
Hole in roof	2.3%	-	2.1%	1.5%	2.6%	-	10.5%	6.4%	11.0%	-	3.5%	2.4%	-	
Missing bricks, siding, other outside wall material	2.0%	2.5%	1.3%	1.9%	3.1%	3.8%	15.7%	9.0%	6.7%	10.2%	4.1%	2.4%	3.0%	
Sloping outside walls	1.5%	-	1.1%	-	2.1%	-	6.2%	7.7%	3.9%	6.4%	2.9%	1.4%	1.8%	
Boarded up windows	0.7%	1.0%	0.4%	-	1.2%	1.8%	10.3%	4.2%	3.7%	4.7%	2.2%	0.9%	1.6%	
Broken windows	3.3%	4.2%	2.9%	3.5%	4.1%	5.6%	16.2%	12.0%	12.2%	-	7.2%	4.3%	-	
Bars on windows	2.6%	4.8%	3.0%	3.6%	2.0%	7.3%	3.9%	8.6%	4.7%	8.6%	7.5%	3.8%	11.4%	
Foundation crumbling or has open crack or hole	2.3%	2.9%	1.8%	2.4%	3.0%	3.8%	14.8%	9.1%	5.0%	10.2%	3.9%	2.3%	3.5%	
None of the above	77.7%	-	80.5%	-	73.4%	-	52.6%	-	59.3%	-	70.6%	75.9%	-	

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Water Leakage During Last 12 Months														
With leakage from outside structure	12.4%	-	13.5%	-	10.5%	-	28.7%	19.8%	35.0%	-	11.0%	11.3%	-	
Roof	7.9%	-	9.2%	6.8%	6.0%	-	19.4%	11.1%	26.7%	21.0%	6.9%	7.3%	-	
Basement	0.7%	4.2%	1.0%	5.3%	0.3%	1.9%	3.0%	4.4%	1.2%	6.5%	2.2%	0.5%	3.7%	
Walls, closed windows, or doors	3.7%	2.7%	3.8%	2.5%	3.5%	-	16.1%	8.1%	19.5%	10.0%	3.0%	3.5%	-	
Other or Unknown	2.2%	1.3%	2.0%	1.3%	2.4%	1.3%	13.7%	3.7%	4.2%	-	1.1%	2.1%	1.6%	
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INTERIOR														
Damage														
Holes in floors	0.8%	1.2%	0.5%	-	1.2%	2.0%	7.6%	-	9.2%	-	2.9%	0.9%	1.7%	
Open cracks or holes	5.4%	-	4.7%	-	6.6%	8.5%	19.2%	-	33.4%	-	9.1%	5.1%	7.7%	
Broken plaster or peeling paint	1.9%	2.8%	1.2%	1.8%	2.9%	4.6%	17.0%	11.5%	13.7%	21.3%	4.6%	2.1%	4.1%	
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Water Leakage During Last 12 Months														
With leakage from inside structure	11.4%	-	10.3%	8.0%	13.2%	-	24.2%	-	31.7%	-	11.2%	11.4%	-	
Fixtures backed up or overflowed	4.3%	3.4%	3.6%	2.9%	5.3%	-	16.5%	8.5%	8.1%	11.5%	4.3%	4.1%	-	
Pipes leaked	5.1%	-	4.2%	3.3%	6.4%	-	21.5%	13.0%	20.8%	16.4%	5.9%	5.1%	-	
Broken water heater	1.3%	0.9%	1.5%	0.9%	1.0%	-	2.5%	1.8%	7.9%	2.6%	0.9%	1.2%	1.0%	
Other or Unknown	2.4%	-	2.1%	-	2.9%	-	4.7%	-	7.2%	-	2.0%	2.8%	-	

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Rodents														
Signs of rats in last 3 mon.	2.5%	0.9%	2.1%	0.6%	3.1%	1.5%	18.3%	5.5%	6.6%	5.1%		2.0%	2.6%	1.6%
Signs of mice in last 3 mon.	5.5%	7.0%	4.9%	6.3%	6.5%	8.3%	26.1%	15.0%	7.9%	16.7%		10.3%	7.0%	-
Signs of rodents, not sure which kind in last 3 mon.	0.6%	-	0.6%	0.3%	0.5%	-	2.7%	1.3%	2.1%	1.6%		0.7%	0.2%	0.6%
Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	1.7%	<0.1%	0.1%		0.2%	<0.1%	-
Exposed wiring	0.4%	-	0.4%	-	0.5%	0.8%	5.7%	2.4%	0.9%	1.6%		0.9%	0.5%	-
Rooms without electric outlets	1.0%	1.7%	0.8%	1.3%	1.2%	2.4%	7.6%	5.7%	2.7%	4.3%		2.6%	1.4%	1.8%
Fuses/breakers blown in last 3 mon.	30.3%	11.3%	36.7%	11.3%	20.2%	11.3%	37.1%	18.6%	39.1%	15.8%		10.1%	25.8%	11.7%
Sanitation														
Lacking complete kitchen facilities	1.7%	-	0.7%	-	3.2%	4.0%	9.3%	11.3%	56.4%	31.3%		3.6%	1.6%	2.7%
Lacking some or all plumbing facilities	1.3%	-	1.3%	1.0%	1.3%	2.3%	40.7%	69.9%	<0.1%	0.0%		2.8%	0.9%	1.9%
Water not safe to drink	31.1%	9.9%	25.3%	7.7%	40.2%	14.4%	45.7%	18.7%	52.1%	14.5%		12.2%	36.8%	13.2%
Water stoppage in last 3 mon.	6.9%	4.5%	5.1%	3.9%	9.7%	5.6%	15.8%	8.5%	18.8%	7.1%		5.2%	7.3%	4.4%
No flush toilets working some time in last 3 mon.	3.2%	-	2.0%	-	4.9%	-	13.8%	8.9%	16.4%	10.4%		4.7%	3.1%	3.9%
With sewage disposal breakdowns in last 3 mon.	1.9%	-	1.3%	1.6%	2.8%	-	9.7%	4.1%	3.6%	4.9%		2.2%	1.7%	2.3%
Septic tank, cesspool, chemical toilet	2.5%	22.4%	3.4%	29.3%	1.1%	8.3%	4.3%	14.8%	1.9%	21.2%		18.4%	0.4%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	0.4%	<0.1%	0.5%	0.1%	-	<0.1%	0.4%	<0.1%	0.8%		0.3%	<0.1%	-

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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	75.3%	-	85.8%	65.3%	59.1%	-	45.4%	-	55.7%	32.9%		52.8%	75.4%	57.4%
Steam or hot water system	1.2%	12.8%	1.2%	11.0%	1.2%	16.4%	<0.1%	23.3%	1.9%	12.2%		12.3%	0.7%	17.8%
Electric heat pump	1.7%	10.7%	1.6%	11.4%	1.7%	9.4%	<0.1%	4.3%	0.9%	3.8%		8.5%	1.7%	8.8%
Built-in electric units	5.8%	-	2.1%	3.3%	11.6%	7.8%	11.3%	4.1%	7.3%	3.9%		6.0%	5.0%	3.8%
Floor, wall, or other built-in hot air without ducts	13.5%	5.2%	7.4%	3.5%	22.8%	8.5%	31.7%	8.3%	26.3%	5.3%		8.4%	14.3%	6.7%
Room heaters with flue	0.9%	1.6%	0.6%	1.4%	1.4%	2.0%	2.1%	3.0%	1.7%	-		3.3%	1.0%	-
Room heaters without flue	0.1%	1.7%	0.1%	1.5%	0.1%	2.1%	<0.1%	3.0%	2.7%	35.8%		4.0%	0.1%	1.8%
Portable electric heaters	0.6%	-	0.3%	-	1.1%	-	3.7%	1.3%	0.9%	-		1.4%	0.9%	-
Stoves	0.3%	1.1%	0.3%	1.3%	0.3%	0.6%	2.0%	4.0%	<0.1%	1.2%		1.4%	0.1%	-
Fireplace with inserts	0.1%	-	0.1%	-	<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%	0.3%	<0.1%	0.1%		0.1%	0.1%	-
Other	0.1%	-	0.1%	-	0.2%	0.5%	<0.1%	0.8%	<0.1%	0.5%		0.4%	0.1%	-
No heating equipment	0.3%	-	0.2%	-	0.5%	1.0%	3.8%	1.7%	2.6%	1.4%		0.9%	0.5%	0.9%
Cooking stove	<0.1%	-	<0.1%	0.1%	0.1%	-	<0.1%	0.7%	<0.1%	0.1%		0.2%	<0.1%	0.2%
Water Heating Fuel														
Electricity	13.9%	39.3%	9.3%	38.2%	21.1%	41.6%	16.6%	33.4%	17.5%	36.7%		41.9%	13.3%	29.6%
Gas, LP/bottled gas	85.6%	54.9%	90.4%	56.6%	78.2%	51.6%	81.4%	55.4%	82.5%	58.2%		52.9%	86.2%	63.7%
Fuel oil	<0.1%	5.4%	<0.1%	4.9%	<0.1%	6.4%	<0.1%	11.0%	<0.1%	4.6%		4.7%	<0.1%	6.4%
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	<0.1%	<0.1%	-		-	<0.1%	-
Other	0.5%	-	0.3%	-	0.8%	0.4%	2.0%	0.2%	<0.1%	0.5%		0.4%	0.5%	-

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Clothes Dryer Fuel(,000)	402	76,454	316	62,738	85	13,716	3	903	7	2,436		7,217	198	18,170
Electricity	74.9%	-	73.4%	-	80.5%	-	58.9%	71.6%	76.3%	-		80.2%	76.0%	-
Gas, LP gas (liquid propane)	25.1%	-	26.6%	-	19.5%	-	41.1%	28.4%	23.7%	17.5%		19.8%	24.0%	29.0%
Other	<0.1%	-	<0.1%	-	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	0.4%		0.1%	<0.1%	0.1%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	8.7%	-	6.3%	-	13.1%	-	62.0%	35.9%	15.0%	-		11.2%	8.6%	-
Heating equipment breakdowns	1.8%	-	1.1%	1.5%	2.9%	-	45.0%	25.3%	1.0%	3.2%		3.3%	1.8%	3.2%
Other causes	5.5%	4.2%	4.5%	-	6.9%	5.2%	15.4%	8.8%	10.8%	-		6.2%	5.5%	-
Utility interruption	1.0%	1.5%	1.3%	1.8%	0.6%	-	6.6%	1.5%	<0.1%	1.1%		1.1%	1.0%	-
Inadequate heating capacity	1.8%	1.1%	1.0%	0.6%	3.0%	2.0%	8.5%	4.3%	4.0%	4.8%		2.4%	2.0%	-
Inadequate insulation	1.2%	-	0.6%	-	2.0%	-	6.5%	2.7%	3.0%	3.8%		1.7%	1.4%	-
Cost of heating	1.4%	0.4%	0.9%	0.3%	2.2%	0.5%	4.6%	0.9%	2.8%	1.2%		0.8%	1.5%	0.5%
Other	1.5%	1.0%	1.4%	0.8%	1.6%	-	4.4%	3.4%	2.9%	-		1.9%	1.6%	1.3%
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SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	7	2,053	2	869	5	1,184	7	2,053	.	.		598	3	963
Severe physical problems	1.3%	2.0%	0.6%	1.3%	2.4%	3.5%	100%	-	.	.		4.3%	1.2%	3.1%
Plumbing	0.5%	1.4%	0.3%	1.0%	0.8%	2.3%	40.7%	69.9%	.	.		2.8%	0.3%	1.9%
Heating	0.6%	-	0.2%	-	1.1%	-	44.2%	23.9%	.	.		1.1%	0.6%	0.9%
Electric	0.1%	-	<0.1%	-	0.3%	-	11.1%	5.1%	.	.		0.3%	0.2%	-
Hallways	<0.1%	-	<0.1%	0.0%	<0.1%	-	<0.1%	0.3%	.	.		0.0%	<0.1%	-
Upkeep	0.1%	-	<0.1%	-	0.3%	-	9.9%	4.4%	.	.		0.4%	0.3%	-

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Moderate Physical Problems(,000)	15	4,826	5	2,056	11	2,769	.	.	15	4,826		1,306	8	1,967
Moderate physical problems	2.7%	4.7%	1.4%	3.0%	4.8%	8.1%	.	.	100%	-		9.4%	2.8%	6.3%
Plumbing	0.2%	-	0.1%	-	0.4%	-	.	.	9.0%	4.5%		0.5%	0.3%	-
Heating	0.1%	1.7%	0.1%	1.5%	0.1%	2.0%	.	.	2.7%	35.8%		3.8%	0.1%	1.7%
Upkeep	1.5%	-	0.7%	-	2.8%	3.5%	.	.	56.4%	31.3%		2.8%	1.5%	2.4%
Hallways	0.1%	-	<0.1%	-	0.2%	-	.	.	3.3%	2.6%		0.2%	0.2%	-
Kitchen	0.9%	1.4%	0.5%	0.9%	1.4%	2.4%	.	.	31.9%	-		2.8%	0.8%	2.2%
<hr/>														
OVERALL OPINION OF STRUCTURE														
1(worst)	0.5%	-	0.1%	-	1.0%	-	4.1%	-	1.0%	2.8%		1.7%	0.6%	0.9%
2	0.5%	-	<0.1%	-	1.2%	0.7%	8.1%	1.2%	1.8%	-		0.8%	0.4%	-
3	1.0%	-	0.7%	0.3%	1.4%	-	4.2%	-	5.8%	3.3%		1.7%	0.9%	-
4	1.9%	1.3%	1.0%	0.6%	3.4%	-	7.9%	4.5%	5.7%	4.3%		2.4%	2.2%	-
5	8.4%	6.5%	5.4%	4.2%	13.1%	-	18.2%	13.9%	15.5%	-		10.6%	9.7%	-
6	8.5%	5.6%	5.3%	4.2%	13.5%	8.6%	9.8%	5.8%	7.4%	-		6.6%	9.7%	7.0%
7	18.5%	14.1%	15.6%	12.2%	23.0%	17.9%	20.3%	-	24.5%	15.1%		13.1%	18.5%	-
8	27.1%	-	29.3%	-	23.7%	-	8.1%	23.5%	25.5%	-		22.6%	27.6%	-
9	13.2%	-	16.0%	-	9.0%	10.8%	6.6%	-	6.6%	8.9%		11.6%	12.4%	-
10(best)	20.4%	27.5%	26.7%	32.1%	10.7%	18.2%	12.8%	18.3%	6.3%	19.0%		29.2%	18.0%	22.2%

* = 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.