

**American Housing Survey - Selected Elements Related to Healthy Homes
San Jose, CA in 2011 and 1998**

1998 is only reported if >=5% (relative) and 0.1% (absolute) different from

2011 (otherwise "-" is listed).

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998
Total Occupied Units(,000)	626	566	352	344	274	222	10	7	11	15	65	<1	335	275
GENERAL														
Owner occupied(,000)	352	344	352	344	.	.	1	2	3	5	20	.	187	173
Renter occupied(,000)	274	222	.	.	274	222	9	5	8	11	45	.	148	102
Owner occupied	56.3%	60.7%	100%	-	.	.	8.7%	28.3%	27.5%	31.0%	31.0%	<0.1%	55.9%	62.9%
Renter occupied	43.7%	39.3%	.	.	100%	-	91.3%	71.7%	72.5%	-	69.0%	<0.1%	44.1%	37.1%
Units in Structure														
1, detached	56.3%	60.2%	80.0%	-	25.7%	29.3%	46.7%	34.9%	14.7%	39.2%	43.1%	0.1%	55.5%	60.1%
1, attached	8.7%	13.2%	8.5%	9.1%	9.0%	19.7%	1.8%	22.9%	17.1%	7.8%	7.8%	0.1%	8.8%	13.5%
2 to 4	8.3%	7.0%	1.8%	-	16.6%	14.8%	5.2%	11.3%	25.7%	13.6%	18.4%	0.1%	8.5%	7.5%
5 to 9	6.4%	5.5%	2.3%	-	11.6%	-	5.0%	12.9%	22.0%	9.9%	8.8%	0.1%	7.0%	5.5%
10 to 19	5.3%	4.6%	1.8%	-	9.8%	10.9%	5.7%	7.4%	9.8%	9.0%	3.6%	-	4.8%	-
20 to 49	5.8%	5.2%	0.4%	-	12.8%	-	5.0%	5.6%	5.8%	14.9%	5.6%	0.1%	4.3%	-
Manufactured /mobile home or trailer	3.1%	-	4.6%	6.4%	1.3%	-	2.9%	-	0.7%	5.6%	4.3%	-	4.2%	5.2%
Year Structure Built														
Post-2000	8.9%	<0.1%	7.6%	<0.1%	10.6%	<0.1%	26.8%	<0.1%	20.4%	<0.1%	5.3%	0.1%	11.6%	<0.1%
Post-1980	30.7%	20.7%	28.6%	21.1%	33.5%	20.0%	36.0%	6.1%	41.9%	14.9%	18.4%	0.1%	34.0%	21.4%
Pre-1980	69.3%	79.3%	71.4%	78.9%	66.5%	80.0%	64.0%	93.9%	58.1%	85.1%	81.6%	0.1%	66.0%	78.6%
Pre-1960	24.0%	29.6%	26.5%	30.0%	20.7%	29.1%	27.0%	43.8%	40.3%	-	31.7%	0.1%	18.7%	24.0%
Pre-1940	4.3%	6.0%	4.7%	5.3%	3.8%	7.1%	1.6%	15.4%	3.4%	12.5%	9.9%	0.1%	4.8%	6.1%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	407	416	312	307	95	109	5	4	3	7	33	<1	216	202
With a basement under all of house	1.8%	-	1.7%	-	2.4%	-	1.6%	10.7%	2.7%	-	1.3%	-	2.9%	-
With a basement under part of house	3.0%	-	2.9%	-	3.3%	-	2.1%	-	7.8%	-	5.0%	0.1%	2.5%	-
With a crawl space	56.7%	-	61.0%	64.2%	42.6%	38.7%	52.8%	36.5%	25.4%	48.2%	60.1%	0.1%	50.5%	57.4%
On a concrete slab	36.7%	34.8%	33.1%	28.7%	48.7%	51.8%	43.5%	45.9%	64.1%	40.2%	32.7%	0.1%	42.8%	35.3%
In some other way	1.8%	-	1.4%	-	3.0%	-	<0.1%	3.5%	<0.1%	2.0%	0.9%	-	1.3%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	2.5%	-	2.2%	-	3.4%	-	3.1%	9.6%	8.0%	5.7%	8.0%	0.1%	3.4%	-
Missing roofing material	2.9%	5.5%	3.5%	-	1.0%	7.5%	1.6%	13.9%	10.9%	11.6%	9.6%	0.1%	2.3%	5.8%
Hole in roof	2.0%	-	2.3%	-	0.7%	-	3.1%	13.2%	10.6%	14.3%	1.3%	-	1.8%	-
Missing bricks, siding, other outside wall material	0.7%	-	0.3%	-	2.0%	-	3.2%	22.7%	7.7%	6.1%	1.0%	-	1.0%	-
Sloping outside walls	0.7%	-	0.8%	-	0.6%	-	<0.1%	10.1%	5.0%	5.8%	3.8%	-	0.6%	-
Boarded up windows	0.3%	-	0.3%	-	0.4%	-	2.1%	10.3%	<0.1%	3.8%	0.6%	-	0.3%	-
Broken windows	1.5%	-	1.5%	-	1.5%	5.2%	1.7%	23.5%	7.9%	13.1%	1.2%	-	1.3%	-
Bars on windows	1.4%	-	1.5%	-	1.0%	-	<0.1%	6.4%	<0.1%	7.3%	1.6%	-	1.5%	-
Foundation crumbling or has open crack or hole	3.2%	-	3.1%	-	3.2%	-	6.4%	20.5%	10.6%	7.6%	6.1%	0.1%	2.9%	-
None of the above	87.7%	78.6%	88.2%	80.7%	86.0%	72.2%	88.3%	51.2%	68.9%	53.4%	76.1%	0.1%	89.1%	77.5%
None of the above(excluding bars)	88.8%	80.8%	89.5%	83.2%	86.7%	73.6%	88.3%	54.3%	68.9%	55.1%	77.7%	0.1%	90.3%	80.8%

<i>Characteristic</i>	<i>Occupied</i>		<i>Owner Occupied</i>		<i>Rental</i>		<i>Severe Problems</i>		<i>Moderate Problems</i>		<i>Below Poverty</i>		<i>Central City</i>	
	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>
	Water Leakage During Last 12 Months													
With leakage from outside structure	5.3%	12.4%	6.6%	13.5%	3.6%	10.5%	2.5%	28.7%	9.5%	35.0%	6.1%	0.1%	5.7%	11.3%
Roof	3.8%	7.9%	5.3%	9.2%	1.8%	6.0%	1.7%	19.4%	7.7%	26.7%	5.1%	0.1%	3.6%	7.3%
Basement leak	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	3.0%	0.9%	-	0.1%	-	<0.1%	-
Walls, closed windows, or doors leak	1.5%	-	1.3%	-	1.7%	-	0.8%	16.1%	5.8%	19.5%	0.4%	-	1.8%	-
Other or Unknown exterior Leak	0.6%	-	0.7%	-	0.3%	-	<0.1%	13.7%	0.7%	-	0.4%	-	0.3%	-
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INTERIOR														
Damage														
Holes in floors	0.5%	-	0.7%	-	0.2%	-	0.8%	7.6%	4.3%	9.2%	0.4%	-	0.6%	-
Open cracks or holes	2.6%	5.4%	1.4%	-	4.1%	6.6%	3.6%	19.2%	10.3%	33.4%	4.4%	-	2.8%	5.1%
Broken plaster or peeling paint	1.5%	-	1.4%	-	1.6%	-	0.8%	17.0%	8.2%	13.7%	3.0%	-	1.8%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	5.7%	11.4%	5.0%	10.3%	6.6%	13.2%	15.9%	24.2%	14.0%	31.7%	6.1%	0.1%	5.4%	11.4%
Fixtures backed up or overflowed	1.8%	-	1.4%	-	2.3%	5.3%	<0.1%	16.5%	7.1%	8.1%	0.9%	-	1.9%	-
Pipes leaked	2.0%	5.1%	1.9%	-	2.0%	6.4%	2.5%	21.5%	4.9%	20.8%	4.6%	-	1.8%	5.1%
Broken water heater	0.2%	-	0.2%	-	0.2%	-	0.9%	-	1.1%	7.9%	<0.1%	-	0.2%	-
Other or Unknown	1.8%	-	1.6%	-	2.2%	-	12.6%	4.7%	1.7%	7.2%	0.5%	-	1.6%	-
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Rodents														
Signs of rats in last 3 mon.	2.1%	-	2.9%	-	1.1%	-	2.4%	18.3%	1.7%	6.6%	1.0%	-	1.4%	-

<i>Characteristic</i>	<i>Occupied</i>		<i>Owner Occupied</i>		<i>Rental</i>		<i>Severe Problems</i>		<i>Moderate Problems</i>		<i>Below Poverty</i>		<i>Central City</i>	
	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>
Signs of mice in last 3 mon.	5.0%	5.5%	5.0%	-	4.9%	6.5%	3.5%	26.1%	2.5%	7.9%	4.5%	-	6.0%	7.0%
Signs of rodents, not sure which kind in last 3 mon.	0.8%	-	0.9%	-	0.7%	-	0.9%	-	0.8%	-	2.6%	-	0.8%	-
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Electrical														
No electrical wiring	0.2%	-	<0.1%	-	0.5%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.4%	-
Exposed wiring	3.7%	-	3.5%	-	3.9%	-	3.7%	5.7%	0.8%	-	9.7%	0.1%	5.4%	0.5%
Rooms without electric outlets	0.8%	-	0.3%	-	1.4%	-	<0.1%	7.6%	2.1%	-	0.5%	-	0.7%	-
Fuses/breakers blown in last 3 mon.	6.9%	30.3%	7.5%	36.7%	6.0%	20.2%	5.3%	37.1%	6.8%	39.1%	3.2%	-	6.1%	25.8%
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Sanitation														
Lacking complete kitchen facilities	1.5%	-	0.6%	-	2.6%	-	4.0%	9.3%	83.6%	56.4%	3.3%	-	1.8%	-
Lacking some or all plumbing facilities	1.2%	-	0.2%	-	2.4%	-	69.8%	40.7%	<0.1%	-	1.0%	-	1.1%	-
Water not safe to drink	13.8%	31.1%	11.3%	25.3%	17.1%	40.2%	14.8%	45.7%	15.4%	52.1%	20.9%	0.1%	16.0%	36.8%
Water stoppage in last 3 mon.	3.5%	6.9%	2.1%	5.1%	5.3%	9.7%	4.3%	15.8%	7.6%	18.8%	4.8%	-	2.9%	7.3%
No flush toilets working some time in last 3 mon.	2.3%	-	1.5%	-	3.4%	-	1.7%	13.8%	7.6%	16.4%	5.7%	0.1%	2.4%	-
With sewage disposal breakdowns in last 3 mon.	0.8%	-	0.8%	-	0.8%	-	2.6%	9.7%	4.7%	-	1.2%	-	0.7%	-
Septic tank, cesspool, chemical toilet	1.5%	-	1.9%	-	0.8%	-	2.9%	-	1.7%	-	1.0%	-	0.1%	-
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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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	74.5%	-	88.9%	-	55.8%	59.1%	64.5%	45.4%	53.7%	-	64.1%	0.1%	74.8%	-

<i>Characteristic</i>	<i>Occupied</i>		<i>Owner Occupied</i>		<i>Rental</i>		<i>Severe Problems</i>		<i>Moderate Problems</i>		<i>Below Poverty</i>		<i>Central City</i>	
	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>	<i>2011</i>	<i>1998</i>
Steam or hot water system	1.0%	-	1.2%	-	0.9%	-	<0.1%	-	<0.1%	1.9%	0.5%	-	0.7%	-
Electric heat pump	1.5%	-	0.7%	-	2.4%	-	<0.1%	-	1.7%	-	0.4%	-	1.2%	-
Built-in electric units	6.2%	5.8%	2.1%	-	11.5%	-	5.0%	11.3%	5.7%	7.3%	4.8%	-	7.0%	5.0%
Floor, wall, or other built-in hot air without ducts	14.5%	13.5%	6.0%	7.4%	25.4%	22.8%	25.0%	31.7%	34.0%	26.3%	23.5%	0.1%	13.6%	14.3%
Room heaters with flue	0.5%	-	0.6%	-	0.3%	-	<0.1%	2.1%	<0.1%	1.7%	0.3%	-	0.3%	-
Room heaters without flue	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-	1.6%	-	0.3%	-	0.1%	-
Portable electric heaters	1.2%	-	0.2%	-	2.4%	-	3.9%	-	2.5%	-	3.2%	-	1.6%	-
Stoves	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	2.0%	<0.1%	-	0.1%	-	<0.1%	-
Fireplace with inserts	<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%	-	<0.1%	-	0.3%	-	<0.1%	-
Other	0.4%	-	0.1%	-	0.8%	-	0.9%	-	<0.1%	-	2.2%	-	0.5%	-
No heating equipment	0.2%	-	0.1%	-	0.3%	-	0.8%	-	0.8%	-	0.4%	-	0.2%	-
Cooking stove	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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Water Heating Fuel														
Electricity	14.2%	-	7.0%	9.3%	23.6%	21.1%	11.2%	16.6%	9.9%	17.5%	17.4%	0.1%	13.7%	-
Gas, LP/bottled gas	84.8%	-	92.8%	-	74.6%	-	88.8%	81.4%	87.6%	82.5%	81.8%	0.1%	85.6%	-
Other	0.9%	-	0.2%	-	1.8%	-	<0.1%	2.0%	2.5%	-	0.8%	-	0.6%	-
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Clothes Dryer(,000)	481	402	343	316	138	85	8	3	5	7	36	<1	264	198
Have Clothes Dryer	76.8%	71.0%	97.2%	92.1%	50.5%	38.3%	77.8%	40.0%	43.2%	-	55.5%	0.1%	78.8%	72.0%
Electricity	71.1%	74.9%	67.1%	73.4%	81.1%	-	85.8%	58.9%	51.5%	76.3%	67.0%	0.1%	71.8%	76.0%
Gas, LP gas (liquid propane)	28.8%	25.1%	32.8%	26.6%	18.8%	-	14.2%	41.1%	48.5%	23.7%	32.7%	0.1%	28.2%	24.0%
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Heating Problems														
Uncomfortably cold for 24 hours or more last winter	10.4%	8.7%	7.8%	6.3%	14.3%	13.1%	41.2%	62.0%	10.1%	15.0%	17.5%	0.1%	10.2%	8.6%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998
Heating equipment breakdowns	2.1%	-	1.1%	-	3.4%	-	30.2%	45.0%	<0.1%	1.0%	6.5%	0.1%	3.1%	-
Other causes	7.3%	5.5%	6.5%	4.5%	8.5%	6.9%	3.8%	15.4%	9.0%	10.8%	9.2%	0.1%	6.3%	5.5%
Utility interruption	0.2%	-	0.3%	-	<0.1%	-	<0.1%	6.6%	2.0%	-	0.1%	-	0.1%	-
Inadequate heating capacity	2.1%	-	1.1%	-	3.5%	-	0.9%	8.5%	0.8%	-	2.8%	-	2.3%	-
Inadequate insulation	1.0%	-	0.4%	-	1.8%	-	3.8%	6.5%	1.7%	-	<0.1%	-	0.5%	-
Cost of heating	2.2%	-	2.3%	-	2.0%	-	<0.1%	4.6%	2.0%	-	2.9%	-	2.0%	-
Other	2.4%	-	2.5%	-	2.3%	-	<0.1%	4.4%	4.5%	-	3.4%	-	1.5%	-

SELECTED PHYSICAL PROBLEMS

Severe Physical Problems(,000)	10	7	1	2	9	5	10	7	.	.	3	.	6	3
Severe physical problems	1.7%	-	0.3%	-	3.4%	-	100%	-	.	.	4.1%	<0.1%	1.8%	-
Plumbing	1.2%	-	0.2%	-	2.4%	-	69.8%	40.7%	.	.	1.0%	<0.1%	1.1%	-
Heating	0.5%	-	0.1%	-	1.0%	-	30.2%	44.2%	.	.	3.0%	<0.1%	0.8%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	0.3%	<0.1%	11.1%	.	.	<0.1%	<0.1%	<0.1%	0.2%
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	<0.1%	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	0.3%	<0.1%	9.9%	.	.	<0.1%	<0.1%	<0.1%	0.3%
Moderate Physical Problems(,000)	11	15	3	5	8	11	.	.	11	15	2	.	7	8
Moderate physical problems	1.7%	-	0.8%	-	2.8%	-	.	.	100%	-	3.8%	<0.1%	2.0%	-
Plumbing	0.1%	-	0.1%	-	0.1%	-	.	.	5.8%	9.0%	0.3%	<0.1%	0.1%	-
Heating	<0.1%	-	<0.1%	-	0.1%	-	.	.	1.6%	-	0.3%	<0.1%	0.1%	-
Upkeep	1.4%	-	0.6%	-	2.5%	-	.	.	83.6%	56.4%	3.1%	<0.1%	1.7%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.2%	.	.	<0.1%	3.3%	<0.1%	<0.1%	<0.1%	0.2%
Kitchen	0.2%	-	0.2%	-	0.2%	-	.	.	11.5%	31.9%	0.3%	<0.1%	0.1%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998	2011	1998
OVERALL OPINION OF STRUCTURE														
1(worst)	0.2%	-	0.1%	-	0.4%	-	1.1%	-	4.4%	-	0.5%	-	0.3%	-
2	0.4%	-	0.6%	-	0.2%	-	0.8%	8.1%	<0.1%	1.8%	0.1%	-	0.2%	-
3	0.4%	-	0.1%	-	0.7%	-	<0.1%	4.2%	<0.1%	5.8%	0.4%	-	0.6%	-
4	1.1%	-	0.2%	-	2.2%	-	1.7%	7.9%	13.1%	5.7%	0.4%	-	1.2%	-
5	4.3%	8.4%	2.1%	5.4%	7.2%	13.1%	2.6%	18.2%	3.3%	15.5%	5.1%	0.1%	5.2%	9.7%
6	8.0%	8.5%	4.0%	5.3%	12.9%	-	4.0%	9.8%	7.5%	-	12.7%	0.1%	9.1%	9.7%
7	13.4%	18.5%	10.0%	15.6%	17.7%	23.0%	6.0%	20.3%	40.1%	24.5%	13.3%	0.1%	13.0%	18.5%
8	27.3%	-	31.2%	29.3%	22.6%	-	31.9%	8.1%	12.5%	25.5%	27.8%	0.1%	28.6%	-
9	19.1%	13.2%	22.4%	16.0%	14.9%	9.0%	9.0%	6.6%	7.9%	6.6%	13.9%	0.1%	17.9%	12.4%
10(best)	25.7%	20.4%	29.4%	26.7%	21.1%	10.7%	43.0%	12.8%	11.1%	6.3%	25.6%	0.1%	24.0%	18.0%

See <http://nchh.org/Training/HealthyHomesTrainingCenter/AHSDData.aspx> for more info.