

**American Housing Survey - Selected Elements Related to Healthy Homes
San Diego, CA in 2011 and 2002**

2002 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	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
Total Occupied Units(,000)	1,100	999	571	586	529	413	28	15	50	29	166	84	555	450
GENERAL														
Owner occupied(,000)	571	586	571	586	.	.	4	4	10	8	52	30	259	235
Renter occupied(,000)	529	413	.	.	529	413	24	11	41	21	114	54	295	216
Owner occupied	51.9%	58.6%	100%	-	.	.	15.3%	28.2%	19.1%	26.9%	31.5%	35.4%	46.8%	52.1%
Renter occupied	48.1%	41.4%	.	.	100%	-	84.7%	71.8%	80.9%	73.1%	68.5%	64.6%	53.2%	47.9%
Units in Structure														
1, detached	51.7%	-	76.4%	-	25.1%	22.7%	18.8%	39.8%	18.9%	28.3%	31.5%	-	48.2%	-
1, attached	9.4%	13.7%	8.9%	10.2%	10.0%	18.7%	9.2%	12.9%	2.2%	11.8%	8.2%	14.4%	9.3%	13.2%
2 to 4	7.8%	7.0%	3.1%	-	12.9%	-	9.8%	13.3%	11.1%	16.8%	10.0%	11.3%	9.7%	8.5%
5 to 9	9.3%	7.6%	2.6%	-	16.4%	-	9.3%	6.6%	27.0%	11.9%	13.5%	12.2%	10.5%	-
10 to 19	8.3%	5.6%	1.3%	-	16.0%	12.4%	17.2%	9.9%	19.1%	13.7%	12.9%	8.5%	8.9%	7.0%
20 to 49	5.1%	3.9%	0.7%	-	9.9%	8.3%	23.4%	6.5%	7.5%	9.4%	10.1%	5.8%	6.2%	5.1%
50 or more	4.6%	-	1.6%	-	7.8%	7.1%	3.0%	7.1%	12.0%	5.3%	6.4%	-	5.5%	-
Manufactured /mobile home or trailer	3.7%	-	5.4%	7.0%	2.0%	-	9.3%	4.1%	2.2%	-	7.4%	9.8%	1.7%	-
Year Structure Built														
Post-2000	8.1%	3.3%	10.2%	4.2%	5.8%	1.9%	1.3%	-	2.6%	-	6.0%	1.6%	8.4%	2.4%
Post-1980	38.1%	35.4%	41.1%	38.1%	34.9%	31.6%	28.5%	22.9%	30.6%	-	34.8%	28.0%	37.2%	32.3%
Pre-1980	61.9%	-	58.9%	61.9%	65.1%	68.4%	71.5%	77.1%	69.4%	-	65.2%	72.0%	62.8%	67.7%
Pre-1960	20.5%	-	20.4%	-	20.7%	23.7%	18.1%	40.2%	25.6%	30.0%	19.6%	28.1%	22.4%	27.4%
Pre-1940	5.1%	4.5%	3.6%	-	6.7%	6.2%	5.7%	16.7%	10.4%	6.3%	5.2%	3.9%	5.6%	6.8%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	672	676	487	505	186	171	8	8	11	12	66	39	319	279
With a basement under all of house	0.6%	-	0.6%	-	0.6%	-	<0.1%	-	<0.1%	4.1%	0.2%	-	0.8%	-
With a basement under part of house	0.7%	-	0.9%	-	0.4%	-	2.0%	-	5.4%	2.6%	0.6%	-	0.4%	-
With a crawl space	18.4%	-	18.7%	-	17.9%	16.0%	10.0%	26.6%	34.8%	24.3%	19.4%	28.0%	21.8%	-
On a concrete slab	79.2%	-	78.9%	-	80.0%	-	86.6%	66.3%	59.8%	66.8%	78.4%	65.2%	75.7%	-
In some other way	1.1%	-	1.0%	-	1.2%	-	1.3%	7.1%	<0.1%	2.2%	1.4%	-	1.2%	-
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EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.7%	-	1.5%	-	2.3%	-	1.1%	-	13.9%	9.1%	6.0%	2.9%	2.2%	-
Missing roofing material	1.6%	-	1.6%	-	1.5%	-	5.5%	6.1%	12.2%	11.1%	2.2%	-	1.6%	-
Hole in roof	1.4%	-	1.4%	-	1.1%	-	<0.1%	-	7.1%	8.9%	0.9%	-	1.4%	-
Missing bricks, siding, other outside wall material	1.7%	-	2.0%	-	1.0%	-	3.5%	7.6%	19.1%	5.9%	1.2%	5.2%	2.0%	-
Sloping outside walls	1.2%	-	1.2%	-	1.4%	-	<0.1%	4.8%	14.1%	2.1%	2.5%	-	1.7%	-
Boarded up windows	1.2%	-	0.4%	-	3.1%	-	<0.1%	-	15.4%	3.8%	5.7%	1.5%	1.0%	-
Broken windows	1.9%	-	1.2%	-	3.7%	5.3%	15.0%	8.8%	17.7%	-	4.0%	-	2.4%	-
Bars on windows	7.4%	-	7.0%	-	8.5%	9.0%	9.3%	13.0%	15.5%	7.7%	12.1%	-	11.3%	12.9%
Foundation crumbling or has open crack or hole	7.2%	2.4%	7.0%	2.2%	7.5%	3.0%	12.4%	<0.1%	11.4%	6.4%	8.2%	2.8%	7.3%	3.0%
None of the above	79.8%	-	80.8%	85.1%	77.0%	-	63.7%	68.0%	38.6%	63.6%	72.3%	-	75.1%	-
None of the above(excluding bars)	85.0%	-	85.8%	90.8%	83.1%	-	70.5%	-	40.3%	67.2%	77.5%	84.5%	83.4%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Water Leakage During Last 12 Months														
With leakage from outside structure	7.1%	5.0%	7.8%	5.2%	6.3%	4.8%	5.6%	12.1%	20.5%	22.1%	6.2%	4.6%	5.8%	4.8%
Roof	4.5%	-	5.2%	3.3%	3.8%	-	3.8%	8.0%	13.2%	-	4.6%	-	3.5%	-
Basement leak	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.8%	-	<0.1%	-	0.1%	-
Walls, closed windows, or doors leak	1.7%	-	1.3%	-	2.2%	-	1.2%	-	1.3%	10.9%	1.1%	-	2.0%	-
Other or Unknown exterior Leak	1.1%	-	1.5%	-	0.7%	-	1.2%	-	4.7%	7.7%	0.5%	-	0.7%	-
INTERIOR														
Damage														
Holes in floors	0.9%	-	0.9%	-	1.0%	-	1.8%	8.1%	7.7%	-	1.3%	-	0.5%	-
Open cracks or holes	3.3%	-	2.4%	-	4.3%	-	3.0%	16.4%	18.2%	26.3%	2.9%	6.1%	3.2%	-
Broken plaster or peeling paint	1.6%	-	1.1%	-	2.1%	-	1.5%	12.9%	10.2%	17.5%	1.6%	-	1.9%	-
Water Leakage During Last 12 Months														
With leakage from inside structure	8.0%	11.2%	7.1%	9.7%	9.0%	13.4%	20.1%	22.9%	16.2%	25.5%	7.7%	9.4%	8.6%	11.6%
Fixtures backed up or overflowed	1.8%	-	1.4%	-	2.2%	5.1%	11.6%	10.2%	4.9%	13.4%	1.9%	-	2.3%	-
Pipes leaked	4.3%	6.5%	4.1%	5.6%	4.6%	7.9%	7.2%	12.6%	9.2%	14.3%	4.2%	5.2%	4.6%	5.8%
Broken water heater	0.6%	-	1.1%	-	0.2%	-	<0.1%	-	0.3%	-	0.9%	-	0.3%	-
Other or Unknown	1.6%	-	0.8%	-	2.4%	-	1.2%	8.2%	3.9%	5.6%	0.7%	-	1.8%	-
Rodents														
Signs of rats in last 3 mon.	2.3%	-	2.9%	-	1.7%	-	2.0%	6.2%	1.9%	8.6%	3.2%	-	3.0%	-

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Signs of mice in last 3 mon.	5.8%	4.9%	7.0%	5.3%	4.5%	-	5.6%	5.9%	8.0%	6.5%	7.0%	7.5%	3.8%	-
Signs of rodents, not sure which kind in last 3 mon.	1.0%	-	1.0%	-	1.0%	-	<0.1%	-	0.3%	-	0.6%	-	1.0%	-
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Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Exposed wiring	1.3%	-	0.8%	-	1.9%	-	6.8%	1.4%	4.9%	-	1.6%	-	1.7%	-
Rooms without electric outlets	0.2%	-	0.2%	-	0.2%	-	<0.1%	5.8%	0.7%	-	0.6%	-	0.2%	-
Fuses/breakers blown in last 3 mon.	7.5%	10.0%	7.7%	9.8%	7.4%	10.3%	6.3%	32.5%	9.1%	7.6%	6.2%	8.5%	7.8%	9.4%
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Sanitation														
Lacking complete kitchen facilities	4.0%	-	1.4%	-	6.8%	3.9%	7.2%	8.7%	82.8%	63.4%	6.2%	5.5%	5.1%	2.0%
Lacking some or all plumbing facilities	2.0%	-	0.7%	-	3.4%	-	76.8%	44.9%	<0.1%	-	4.1%	-	2.6%	-
Water not safe to drink	14.1%	25.2%	11.5%	22.6%	16.9%	28.8%	18.4%	39.1%	26.9%	36.3%	16.0%	30.2%	16.2%	26.2%
Water stoppage in last 3 mon.	5.2%	7.5%	3.6%	5.1%	6.9%	10.8%	3.0%	22.7%	12.2%	-	8.0%	9.4%	4.9%	9.7%
No flush toilets working some time in last 3 mon.	2.5%	-	1.5%	-	3.5%	5.8%	6.9%	4.5%	11.0%	17.4%	0.6%	-	2.4%	-
With sewage disposal breakdowns in last 3 mon.	0.9%	-	0.7%	-	1.1%	-	0.6%	-	0.7%	7.3%	0.5%	-	0.8%	-
Septic tank, cesspool, chemical toilet	3.3%	5.6%	5.6%	8.4%	0.8%	-	1.9%	-	1.2%	8.9%	2.7%	-	0.1%	-
With septic tank or cesspool breakdowns in last 3 mon.	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.9%	<0.1%	-	<0.1%	-
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HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	67.9%	-	82.3%	-	52.5%	44.5%	50.2%	40.4%	33.8%	48.0%	53.0%	48.0%	68.0%	60.7%

<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>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>	<i>2011</i>	<i>2002</i>
Steam or hot water system	0.4%	-	0.1%	-	0.7%	-	4.4%	-	<0.1%	0.9%	1.1%	-	0.4%	-
Electric heat pump	2.2%	-	1.3%	-	3.1%	5.2%	6.2%	-	0.9%	-	2.6%	-	1.9%	-
Built-in electric units	5.7%	7.3%	2.1%	-	9.6%	13.2%	20.1%	5.3%	10.4%	8.5%	7.1%	9.7%	5.0%	9.7%
Floor, wall, or other built-in hot air without ducts	18.9%	-	10.0%	10.8%	28.5%	30.7%	9.7%	28.8%	45.7%	25.7%	28.4%	31.6%	20.4%	23.0%
Room heaters with flue	0.8%	-	0.4%	-	1.1%	-	<0.1%	3.1%	0.4%	-	1.0%	-	0.7%	-
Room heaters without flue	0.1%	-	<0.1%	-	0.2%	-	0.6%	-	2.0%	5.4%	0.3%	-	0.1%	-
Portable electric heaters	2.3%	-	2.0%	-	2.7%	-	6.4%	8.7%	4.9%	-	4.6%	-	2.6%	-
Stoves	0.5%	-	0.6%	-	0.3%	-	<0.1%	-	<0.1%	0.9%	0.2%	-	<0.1%	-
Fireplace with inserts	0.2%	-	0.4%	-	<0.1%	-	0.6%	-	<0.1%	-	<0.1%	-	<0.1%	-
Fireplace without inserts	0.1%	-	0.1%	-	0.1%	-	0.6%	-	<0.1%	-	<0.1%	0.6%	<0.1%	-
Other	0.3%	-	0.1%	-	0.4%	-	0.5%	-	1.2%	-	0.9%	-	0.2%	-
No heating equipment	0.6%	-	0.5%	-	0.7%	-	0.6%	-	0.6%	6.0%	0.6%	-	0.6%	-
Cooking stove	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	-
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Water Heating Fuel														
Electricity	18.1%	-	11.7%	-	25.0%	-	31.2%	26.5%	36.7%	29.0%	23.9%	21.3%	18.4%	16.5%
Gas, LP/bottled gas	81.6%	-	88.1%	-	74.7%	-	68.8%	73.5%	62.8%	68.4%	76.1%	-	81.5%	-
Other	0.3%	-	0.2%	-	0.4%	-	<0.1%	-	0.4%	-	<0.1%	-	0.1%	-
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Clothes Dryer(,000)	784	691	540	532	244	159	13	7	17	11	76	31	384	289
Have Clothes Dryer	71.2%	-	94.6%	-	46.0%	38.6%	45.9%	-	33.9%	39.2%	45.6%	37.2%	69.2%	64.3%
Electricity	35.6%	38.2%	30.3%	33.6%	47.4%	53.6%	57.2%	40.3%	48.0%	-	45.6%	40.4%	39.5%	44.2%
Gas, LP gas (liquid propane)	64.1%	-	69.4%	-	52.5%	46.3%	42.8%	59.7%	52.0%	-	54.4%	59.6%	60.2%	55.7%
Other	0.2%	-	0.3%	-	0.1%	-	<0.1%	-	<0.1%	2.2%	<0.1%	-	0.4%	-
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Heating Problems														

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
	Uncomfortably cold for 24 hours or more last winter	7.0%	11.3%	4.5%	10.3%	10.3%	12.8%	27.9%	60.2%	17.5%	26.9%	13.3%	-	7.7%
Heating equipment breakdowns	1.4%	-	0.9%	-	1.9%	-	22.2%	48.5%	4.7%	5.4%	2.9%	-	1.9%	-
Other causes	4.8%	8.3%	3.4%	8.1%	6.2%	8.6%	7.4%	19.4%	10.0%	19.0%	6.7%	10.0%	4.8%	7.7%
Utility interruption	<0.1%	-	<0.1%	-	<0.1%	0.2%	<0.1%	-	<0.1%	1.0%	<0.1%	0.3%	<0.1%	-
Inadequate heating capacity	1.0%	-	0.4%	-	1.6%	-	2.3%	12.6%	0.7%	6.2%	2.5%	-	0.8%	-
Inadequate insulation	0.8%	-	0.6%	-	1.0%	-	0.6%	10.7%	2.0%	-	0.7%	-	1.3%	-
Cost of heating	2.2%	-	2.0%	-	2.4%	-	1.2%	-	5.5%	12.1%	2.8%	-	1.8%	-
Other	1.1%	-	0.7%	-	1.7%	-	5.1%	3.7%	3.5%	-	1.1%	-	1.3%	-
SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	28	15	4	4	24	11	28	15	.	.	7	1	18	7
Severe physical problems	2.5%	-	0.7%	-	4.5%	-	100%	-	.	.	4.4%	-	3.3%	-
Plumbing	2.0%	-	0.6%	-	3.4%	-	76.8%	44.9%	.	.	4.1%	-	2.6%	-
Heating	0.6%	-	0.1%	-	1.1%	-	22.2%	48.5%	.	.	0.3%	-	0.7%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	3.4%	.	.	<0.1%	-	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	-	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	-	1.0%	6.6%	.	.	<0.1%	0.6%	<0.1%	0.2%
Moderate Physical Problems(,000)	50	29	10	8	41	21	.	.	50	29	11	5	29	14
Moderate physical problems	4.6%	-	1.7%	-	7.7%	5.1%	.	.	100%	-	6.3%	-	5.3%	3.1%
Plumbing	0.2%	-	<0.1%	-	0.5%	-	.	.	5.0%	6.3%	0.1%	-	0.2%	-
Heating	0.1%	-	<0.1%	-	0.2%	-	.	.	2.0%	5.4%	0.3%	-	0.1%	-
Upkeep	3.8%	-	1.3%	-	6.4%	3.6%	.	.	82.8%	63.4%	5.4%	-	4.8%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	0.9%	<0.1%	-	<0.1%	-
Kitchen	0.5%	-	0.4%	-	0.7%	-	.	.	11.8%	24.7%	0.8%	-	0.3%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002	2011	2002
OVERALL OPINION OF STRUCTURE														
1(worst)	0.6%	-	0.1%	-	1.1%	-	0.6%	-	10.0%	2.0%	1.0%	-	0.6%	-
2	0.3%	-	<0.1%	-	0.5%	-	0.6%	-	0.3%	-	0.1%	-	0.4%	-
3	0.5%	-	0.2%	-	0.9%	-	1.0%	-	2.1%	5.1%	0.6%	-	0.7%	-
4	0.8%	-	0.3%	-	1.4%	-	0.9%	-	0.7%	-	1.9%	-	0.6%	-
5	3.9%	7.1%	3.0%	-	4.8%	10.5%	6.7%	10.9%	11.8%	17.8%	4.9%	9.8%	2.8%	6.6%
6	4.9%	5.8%	2.7%	-	7.2%	9.3%	8.4%	7.7%	8.0%	9.3%	4.0%	6.8%	5.4%	6.1%
7	17.8%	15.3%	14.0%	11.9%	21.8%	20.1%	20.4%	-	20.8%	23.1%	16.2%	14.4%	17.7%	-
8	27.0%	-	25.9%	28.3%	28.2%	-	23.9%	28.7%	20.5%	11.8%	27.7%	-	27.6%	29.8%
9	16.5%	15.1%	18.3%	-	14.7%	11.8%	4.9%	9.5%	11.8%	8.9%	14.4%	12.3%	17.5%	14.6%
10(best)	27.8%	25.9%	35.6%	33.3%	19.4%	15.3%	32.6%	14.5%	14.0%	15.5%	29.3%	26.6%	26.8%	21.7%

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