

**American Housing Survey - Selected Elements Related to Healthy Homes  
Oakland, 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)	907	856	522	509	385	347	15	20	33	38	101	<1	213	149
<b>GENERAL</b>														
Owner occupied(,000)	522	509	522	509	.	.	5	5	9	12	33	.	94	59
Renter occupied(,000)	385	347	.	.	385	347	10	15	24	26	68	.	119	90
Owner occupied	57.5%	-	100%	-	.	.	33.9%	24.4%	27.3%	30.7%	32.8%	<0.1%	44.3%	39.8%
Renter occupied	42.5%	-	.	.	100%	-	66.1%	75.6%	72.7%	-	67.2%	<0.1%	55.7%	60.2%
<b>Units in Structure</b>														
1, detached	59.9%	-	82.8%	-	28.9%	32.4%	34.8%	37.5%	28.3%	42.8%	43.0%	0.1%	48.4%	51.5%
1, attached	7.4%	10.1%	7.3%	8.1%	7.6%	13.0%	0.9%	5.4%	1.1%	-	5.1%	0.1%	4.3%	-
2 to 4	10.5%	9.5%	4.1%	-	19.1%	-	17.9%	17.0%	21.0%	24.2%	18.4%	0.1%	13.7%	19.2%
5 to 9	6.6%	5.6%	1.5%	-	13.5%	11.9%	12.9%	8.0%	17.3%	11.5%	8.3%	0.1%	8.8%	-
10 to 19	4.3%	-	1.0%	-	8.8%	8.2%	14.1%	8.4%	12.7%	5.9%	6.7%	0.1%	7.0%	5.1%
20 to 49	4.5%	-	0.3%	-	10.3%	7.7%	11.5%	9.3%	8.1%	7.0%	6.7%	0.1%	9.6%	7.7%
50 or more	5.3%	3.2%	1.2%	-	10.9%	7.1%	7.9%	9.7%	11.5%	4.1%	9.6%	0.1%	8.2%	5.4%
Manufactured /mobile home or trailer	1.4%	-	1.8%	-	0.9%	-	<0.1%	4.7%	<0.1%	2.4%	2.1%	-	<0.1%	0.2%
<b>Year Structure Built</b>														
Post-2000	5.8%	<0.1%	5.9%	<0.1%	5.7%	<0.1%	1.9%	-	6.6%	<0.1%	3.0%	-	8.5%	<0.1%
Post-1980	25.7%	21.4%	28.0%	25.9%	22.6%	14.8%	17.7%	9.1%	20.6%	14.8%	22.5%	0.1%	19.1%	9.2%
Pre-1980	74.3%	78.6%	72.0%	-	77.4%	85.2%	82.3%	90.9%	79.4%	85.2%	77.5%	0.1%	80.9%	90.8%
Pre-1960	38.8%	42.2%	39.5%	-	37.9%	47.2%	41.6%	65.1%	53.2%	57.7%	44.2%	0.1%	63.4%	68.5%
Pre-1940	15.0%	16.0%	15.1%	13.4%	14.8%	19.8%	20.5%	34.1%	28.8%	34.3%	17.0%	0.1%	32.8%	40.2%

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)	611	623	470	466	141	157	5	8	10	17	49	<1	112	80
With a basement under all of house	4.6%	-	5.0%	-	3.3%	6.2%	<0.1%	11.0%	<0.1%	11.8%	5.3%	0.1%	15.8%	19.8%
With a basement under part of house	5.3%	6.5%	6.0%	7.4%	3.0%	-	3.3%	7.9%	1.5%	14.1%	4.2%	-	11.4%	22.6%
With a crawl space	53.2%	-	56.0%	-	43.7%	38.4%	48.3%	43.3%	64.4%	39.3%	48.7%	0.1%	46.1%	35.9%
On a concrete slab	35.3%	-	31.7%	-	47.1%	-	45.8%	27.9%	16.2%	34.9%	40.4%	0.1%	25.7%	17.0%
In some other way	1.6%	-	1.3%	-	2.8%	5.4%	2.6%	9.9%	17.9%	0.1%	1.5%	-	1.0%	-
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<b>EXTERIOR</b>														
External Building Conditions(non multiunit)														
Sagging roof	1.6%	-	1.7%	-	1.5%	5.2%	<0.1%	17.9%	5.9%	11.5%	5.0%	-	1.1%	-
Missing roofing material	2.8%	5.7%	2.4%	5.5%	4.2%	6.3%	<0.1%	17.8%	23.0%	18.4%	7.6%	0.1%	2.2%	7.1%
Hole in roof	0.9%	-	0.6%	-	1.8%	-	<0.1%	7.6%	6.9%	20.2%	1.6%	-	0.1%	7.0%
Missing bricks, siding, other outside wall material	2.1%	-	1.6%	-	3.7%	5.5%	<0.1%	21.4%	25.0%	10.4%	5.7%	0.1%	3.7%	5.5%
Sloping outside walls	1.1%	-	0.9%	-	1.9%	5.0%	<0.1%	14.2%	4.9%	13.3%	0.9%	-	2.6%	-
Boarded up windows	1.1%	-	0.9%	-	1.9%	-	<0.1%	12.0%	4.6%	7.1%	3.9%	-	0.8%	-
Broken windows	3.1%	5.3%	2.9%	-	4.1%	8.4%	2.8%	27.3%	11.7%	14.4%	9.3%	0.1%	6.4%	7.9%
Bars on windows	6.6%	7.0%	6.2%	-	7.7%	8.8%	2.8%	7.3%	4.7%	6.3%	9.7%	0.1%	20.9%	27.0%
Foundation crumbling or has open crack or hole	4.7%	-	4.8%	-	4.2%	5.2%	2.8%	13.8%	28.6%	24.9%	8.9%	0.1%	3.3%	5.3%
None of the above	81.4%	70.3%	81.8%	73.0%	79.9%	62.3%	94.4%	32.6%	50.4%	37.5%	68.6%	0.1%	70.8%	51.3%
None of the above(excluding bars)	86.5%	74.9%	87.1%	77.5%	84.7%	67.2%	97.2%	34.9%	50.4%	38.8%	75.4%	0.1%	86.3%	68.4%

<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>
	Water Leakage During Last 12 Months													
With leakage from outside structure	7.5%	18.1%	6.7%	19.1%	8.7%	16.7%	12.0%	23.8%	30.0%	53.6%	11.2%	0.1%	10.4%	23.2%
Roof	4.4%	11.2%	4.2%	12.1%	4.6%	9.8%	<0.1%	15.4%	12.8%	40.6%	6.4%	0.1%	5.0%	12.1%
Basement leak	0.3%	-	0.2%	-	0.5%	-	<0.1%	5.4%	<0.1%	6.6%	1.4%	-	1.0%	-
Walls, closed windows, or doors leak	1.7%	7.0%	0.9%	6.4%	2.9%	7.8%	2.0%	15.6%	14.5%	26.0%	3.2%	-	3.3%	9.3%
Other or Unknown exterior Leak	1.6%	-	1.7%	-	1.4%	-	10.0%	2.7%	5.8%	13.2%	0.4%	-	1.5%	-
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<b>INTERIOR</b>														
<b>Damage</b>														
Holes in floors	1.0%	-	0.7%	-	1.4%	-	1.0%	6.7%	7.7%	-	2.3%	-	1.8%	-
Open cracks or holes	5.2%	9.2%	4.4%	7.6%	6.3%	11.5%	4.3%	29.9%	21.6%	44.0%	8.9%	0.1%	7.1%	11.8%
Broken plaster or peeling paint	1.8%	-	1.4%	-	2.4%	7.3%	1.0%	16.7%	21.4%	39.0%	5.7%	0.1%	3.2%	7.8%
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Water Leakage During Last 12 Months														
With leakage from inside structure	8.1%	13.5%	7.1%	10.9%	9.4%	17.4%	12.2%	26.4%	22.8%	39.5%	7.6%	0.1%	7.5%	14.5%
Fixtures backed up or overflowed	2.7%	5.9%	2.3%	-	3.3%	7.9%	10.2%	16.9%	8.0%	17.8%	5.6%	0.1%	2.4%	-
Pipes leaked	2.7%	5.4%	2.2%	-	3.3%	8.6%	2.0%	16.1%	9.7%	22.1%	1.4%	-	2.3%	7.1%
Broken water heater	0.8%	-	0.8%	-	0.8%	-	<0.1%	1.5%	5.6%	8.6%	1.9%	-	1.8%	-
Other or Unknown	2.4%	-	1.9%	-	3.0%	-	<0.1%	8.4%	5.5%	8.1%	0.8%	-	1.9%	-
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<b>Rodents</b>														
Signs of rats in last 3 mon.	2.1%	-	2.8%	-	1.1%	-	1.8%	9.7%	1.0%	10.0%	1.2%	-	3.1%	-

<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.	6.5%	7.4%	7.2%	6.6%	5.5%	8.6%	3.0%	16.5%	8.7%	14.9%	5.9%	0.1%	4.7%	9.2%
Signs of rodents, not sure which kind in last 3 mon.	0.9%	-	0.9%	-	0.9%	-	<0.1%	1.4%	1.4%	-	0.3%	-	0.7%	-
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<b>Electrical</b>														
No electrical wiring	0.4%	-	0.1%	-	0.8%	-	<0.1%	-	<0.1%	-	1.5%	-	0.8%	-
Exposed wiring	1.2%	-	0.9%	-	1.6%	-	<0.1%	6.4%	11.2%	2.8%	0.7%	-	2.3%	-
Rooms without electric outlets	0.5%	-	0.2%	-	0.9%	-	<0.1%	15.1%	<0.1%	8.7%	1.5%	-	0.9%	-
Fuses/breakers blown in last 3 mon.	8.1%	39.3%	9.4%	47.1%	6.4%	27.9%	5.2%	49.4%	5.1%	43.1%	6.4%	0.1%	5.9%	34.3%
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<b>Sanitation</b>														
Lacking complete kitchen facilities	2.5%	-	0.8%	-	4.9%	-	6.6%	20.0%	68.0%	45.5%	4.4%	-	4.8%	-
Lacking some or all plumbing facilities	1.2%	-	0.4%	-	2.3%	-	71.6%	47.7%	<0.1%	0.6%	2.1%	-	1.3%	-
Water not safe to drink	9.6%	21.4%	8.0%	19.2%	11.7%	24.5%	15.0%	30.0%	11.0%	34.9%	11.1%	0.1%	10.0%	23.6%
Water stoppage in last 3 mon.	2.6%	6.4%	1.8%	-	3.6%	8.8%	5.0%	8.2%	5.2%	15.8%	3.8%	-	3.1%	-
No flush toilets working some time in last 3 mon.	2.1%	-	1.2%	-	3.5%	6.6%	2.0%	5.2%	15.1%	-	3.3%	-	2.8%	-
With sewage disposal breakdowns in last 3 mon.	1.4%	-	1.2%	-	1.7%	-	<0.1%	4.2%	11.2%	8.1%	3.7%	-	1.8%	-
Septic tank, cesspool, chemical toilet	0.8%	-	1.2%	-	0.2%	-	<0.1%	4.3%	<0.1%	1.4%	0.5%	-	0.2%	-
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	70.0%	73.8%	82.8%	-	52.7%	57.8%	66.7%	39.0%	45.7%	53.3%	48.1%	0.1%	61.2%	-

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
Steam or hot water system	2.0%	-	0.9%	-	3.6%	-	4.7%	19.0%	0.9%	5.4%	6.4%	0.1%	5.0%	4.5%
Electric heat pump	0.7%	-	0.7%	-	0.7%	-	<0.1%	-	<0.1%	1.2%	<0.1%	-	0.1%	-
Built-in electric units	4.4%	-	1.7%	-	8.0%	7.3%	1.8%	-	12.6%	5.5%	3.6%	-	5.8%	7.4%
Floor, wall, or other built-in hot air without ducts	19.3%	14.5%	10.8%	8.5%	30.9%	23.3%	12.5%	26.4%	32.7%	24.0%	37.0%	0.1%	21.5%	18.0%
Room heaters with flue	1.6%	-	0.7%	-	2.7%	-	10.0%	1.1%	<0.1%	1.1%	1.6%	-	2.5%	-
Room heaters without flue	0.2%	-	0.2%	-	0.2%	-	<0.1%	1.1%	5.8%	3.6%	0.3%	-	0.7%	-
Portable electric heaters	0.8%	-	1.0%	-	0.6%	-	2.1%	6.0%	0.5%	-	0.5%	-	1.7%	-
Stoves	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	0.4%	-	0.1%	-	<0.1%	-
Fireplace with inserts	<0.1%	-	0.1%	-	<0.1%	-	1.2%	-	<0.1%	0.6%	<0.1%	-	<0.1%	-
Fireplace without inserts	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.6%	<0.1%	-	<0.1%	-
Other	0.3%	-	0.3%	-	0.3%	-	<0.1%	1.1%	0.9%	-	0.4%	-	0.5%	-
No heating equipment	0.4%	-	0.6%	-	0.1%	-	0.9%	-	<0.1%	1.9%	1.6%	-	1.0%	-
Cooking stove	<0.1%	-	<0.1%	-	0.1%	-	<0.1%	1.1%	0.4%	-	0.3%	-	0.1%	-
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Water Heating Fuel														
Electricity	10.3%	9.7%	3.8%	7.4%	19.1%	13.0%	1.2%	8.9%	21.3%	10.7%	12.9%	0.1%	13.3%	8.2%
Gas, LP/bottled gas	89.5%	-	96.0%	-	80.6%	86.2%	98.8%	90.0%	78.3%	89.3%	87.1%	0.1%	86.4%	91.5%
Fuel oil	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.2%	-	0.2%	-	0.3%	-	<0.1%	1.2%	0.5%	-	<0.1%	-	0.3%	-
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Clothes Dryer,(000)	669	587	490	456	179	132	4	7	16	19	51	<1	126	72
Have Clothes Dryer	73.8%	68.6%	93.8%	-	46.5%	37.9%	27.7%	34.3%	48.1%	-	49.9%	0.1%	59.4%	48.1%
Electricity	62.9%	-	60.8%	64.9%	68.9%	-	47.8%	58.1%	67.2%	63.0%	53.2%	0.1%	46.9%	56.1%
Gas, LP gas (liquid propane)	37.1%	34.2%	39.2%	35.1%	31.1%	-	52.2%	41.9%	32.8%	37.0%	46.8%	0.1%	53.1%	43.9%
Other	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
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Heating Problems														

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
Uncomfortably cold for 24 hours or more last winter	12.9%	-	11.9%	8.6%	14.4%	19.7%	31.0%	61.0%	24.1%	27.8%	18.4%	0.1%	17.4%	-
Heating equipment breakdowns	2.9%	-	2.4%	-	3.4%	-	28.4%	45.8%	9.6%	5.7%	4.9%	-	3.8%	-
Other causes	8.6%	7.5%	9.0%	5.3%	8.1%	10.6%	1.1%	22.6%	7.2%	16.8%	10.5%	0.1%	11.9%	9.8%
Utility interruption	0.7%	-	1.0%	-	0.3%	-	<0.1%	1.4%	0.9%	-	2.0%	-	0.9%	-
Inadequate heating capacity	2.0%	-	1.4%	-	2.8%	5.3%	1.1%	16.7%	1.8%	9.0%	4.3%	-	3.3%	5.1%
Inadequate insulation	2.1%	-	2.0%	-	2.3%	-	1.1%	13.5%	3.0%	7.6%	1.4%	-	2.2%	-
Cost of heating	2.2%	-	2.8%	-	1.3%	-	<0.1%	5.9%	1.8%	-	2.3%	-	1.2%	-
Other	2.6%	-	2.5%	-	2.8%	-	<0.1%	8.1%	1.5%	-	1.3%	-	6.3%	3.4%
<b>SELECTED PHYSICAL PROBLEMS</b>														
Severe Physical Problems(,000)	15	20	5	5	10	15	15	20	.	.	2	.	4	6
Severe physical problems	1.7%	-	1.0%	-	2.6%	-	100%	-	.	.	2.4%	<0.1%	1.8%	-
Plumbing	1.2%	-	0.4%	-	2.3%	-	71.6%	46.6%	.	.	2.1%	<0.1%	1.3%	-
Heating	0.5%	-	0.6%	-	0.3%	-	28.4%	45.8%	.	.	0.3%	<0.1%	0.5%	-
Electric	<0.1%	0.2%	<0.1%	-	<0.1%	0.3%	<0.1%	8.6%	.	.	<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%	0.2%	<0.1%	3.3%	.	.	<0.1%	<0.1%	<0.1%	0.2%
Moderate Physical Problems(,000)	33	38	9	12	24	26	.	.	33	38	7	.	15	10
Moderate physical problems	3.6%	-	1.7%	-	6.1%	7.5%	.	.	100%	-	6.7%	<0.1%	7.0%	-
Plumbing	0.3%	-	0.1%	-	0.5%	-	.	.	7.3%	4.0%	<0.1%	<0.1%	0.8%	-
Heating	0.2%	-	0.2%	-	0.2%	-	.	.	5.8%	3.6%	0.3%	<0.1%	0.7%	-
Upkeep	2.4%	-	0.8%	-	4.6%	-	.	.	68.0%	45.5%	4.0%	<0.1%	4.4%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.3%	.	.	<0.1%	2.8%	<0.1%	<0.1%	<0.1%	0.3%
Kitchen	0.7%	-	0.6%	-	0.8%	-	.	.	19.3%	48.7%	2.5%	<0.1%	1.1%	-

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
	<b>OVERALL OPINION OF STRUCTURE</b>													
1(worst)	0.5%	-	0.3%	-	0.8%	-	1.0%	-	5.2%	4.3%	2.7%	-	0.5%	-
2	0.2%	-	0.1%	-	0.2%	-	<0.1%	2.2%	0.9%	-	0.6%	-	0.1%	-
3	0.3%	-	0.1%	-	0.6%	-	1.9%	7.0%	0.5%	5.3%	0.6%	-	0.4%	-
4	1.1%	-	0.2%	-	2.3%	-	1.2%	6.2%	1.4%	-	1.9%	-	1.9%	-
5	4.7%	7.8%	3.0%	-	6.8%	12.8%	2.1%	23.3%	14.0%	10.0%	7.0%	0.1%	6.4%	11.0%
6	4.9%	6.8%	3.1%	-	7.3%	9.9%	1.0%	14.6%	1.7%	13.1%	5.1%	0.1%	4.7%	9.0%
7	14.9%	17.8%	13.3%	15.2%	17.1%	21.6%	12.6%	13.9%	16.6%	22.9%	10.8%	0.1%	16.1%	19.0%
8	30.3%	28.5%	31.8%	-	28.3%	25.0%	49.2%	16.4%	17.5%	18.6%	26.9%	0.1%	30.3%	24.7%
9	16.6%	13.5%	17.1%	-	15.9%	9.3%	24.0%	8.1%	18.8%	7.7%	17.4%	0.1%	17.6%	12.7%
10(best)	26.6%	21.8%	30.9%	27.2%	20.6%	14.0%	7.0%	5.9%	23.4%	12.2%	27.0%	0.1%	22.1%	19.3%

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