

**American Housing Survey - Selected Elements Related to Healthy Homes**  
**Tampa-Saint Petersburg-Clearwater, FL in 2007 and 1998**  
**1998 is only reported if >=5% (relative) and 0.1% (absolute) different from 2007 (otherwise "-" is listed).**

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
Total Occupied Units(,000)	1,075	936	783	667	292	269	17	7	18	34	124	<1	124	115
<b>GENERAL</b>														
Owner occupied(,000)	783	667	783	667	.	.	13	3	6	16	58	.	73	62
Renter occupied(,000)	292	269	.	.	292	269	5	3	12	18	66	.	51	53
Owner occupied	72.9%	-	100%	-	.	.	73.6%	50.2%	35.4%	46.3%	47.0%	<0.1%	58.7%	54.2%
Renter occupied	27.1%	28.7%	.	.	100%	-	26.4%	49.8%	64.6%	53.7%	53.0%	<0.1%	41.3%	45.8%
<b>Units in Structure</b>														
1, detached	59.2%	62.4%	72.3%	-	24.1%	30.5%	55.0%	48.4%	26.8%	43.1%	36.7%	0.1%	65.1%	-
1, attached	6.5%	-	6.4%	3.8%	6.9%	12.8%	<0.1%	8.4%	<0.1%	4.1%	4.9%	-	5.3%	8.4%
2 to 4	4.6%	5.0%	1.2%	-	13.8%	-	6.8%	4.2%	15.3%	13.3%	6.8%	0.1%	7.0%	7.5%
5 to 9	3.8%	-	1.2%	-	10.8%	9.7%	<0.1%	4.1%	6.2%	11.2%	6.6%	0.1%	2.2%	-
10 to 19	5.4%	4.4%	0.6%	-	18.5%	13.4%	<0.1%	4.1%	9.0%	4.8%	7.0%	0.1%	8.3%	7.4%
20 to 49	4.0%	5.4%	1.3%	-	11.1%	-	2.3%	8.6%	6.1%	11.4%	4.8%	-	6.7%	5.9%
Manufactured /mobile home or trailer	13.1%	12.4%	14.9%	-	8.4%	-	22.2%	-	28.0%	12.1%	25.0%	0.1%	1.4%	-
<b>Year Structure Built</b>														
Post-2000	10.3%	<0.1%	11.0%	<0.1%	8.6%	<0.1%	<0.1%	-	<0.1%	-	6.0%	0.1%	10.0%	<0.1%
Post-1980	49.5%	37.9%	50.2%	38.3%	47.7%	36.8%	17.8%	4.4%	25.5%	-	45.7%	0.1%	34.2%	24.7%
Pre-1980	50.5%	62.1%	49.8%	61.7%	52.3%	63.2%	82.2%	95.6%	74.5%	-	54.3%	0.1%	65.8%	75.3%
Pre-1960	15.1%	18.9%	15.0%	19.2%	15.3%	18.0%	37.1%	24.6%	22.2%	35.1%	16.6%	0.1%	36.3%	41.6%
Pre-1940	2.6%	-	2.5%	-	2.7%	-	7.7%	3.8%	5.7%	9.4%	3.7%	-	8.9%	9.4%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	707	644	616	527	90	116	10	4	5	16	51	<1	87	82
With a basement under all of house	0.2%	-	0.2%	-	<0.1%	0.5%	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
With a basement under part of house	0.1%	-	0.1%	-	<0.1%	0.2%	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.3%
With a crawl space	7.1%	12.4%	6.0%	11.0%	14.8%	18.6%	28.3%	22.3%	20.7%	43.7%	14.5%	0.1%	14.4%	24.2%
On a concrete slab	91.0%	86.3%	92.2%	-	82.9%	-	65.9%	77.7%	67.0%	56.3%	84.3%	0.1%	81.8%	74.5%
In some other way	1.7%	-	1.6%	-	2.3%	-	5.7%	0.1%	12.3%	0.1%	1.1%	-	3.8%	-
EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.7%	-	1.2%	-	4.5%	-	<0.1%	5.2%	21.0%	12.6%	5.2%	0.1%	2.3%	-
Missing roofing material	7.3%	3.6%	7.0%	3.3%	8.9%	4.9%	9.2%	15.5%	17.3%	16.2%	6.7%	0.1%	9.7%	7.6%
Hole in roof	1.4%	-	1.2%	-	2.4%	-	<0.1%	5.2%	7.8%	16.0%	0.9%	-	2.4%	-
Missing bricks, siding, other outside wall material	1.6%	-	1.0%	-	5.1%	6.3%	<0.1%	-	17.3%	13.1%	4.0%	-	3.7%	-
Sloping outside walls	0.9%	-	0.7%	-	2.2%	-	<0.1%	5.2%	9.6%	3.4%	2.0%	-	1.7%	-
Boarded up windows	1.3%	-	1.0%	-	3.2%	-	6.5%	<0.1%	15.6%	6.1%	3.0%	-	2.4%	-
Broken windows	2.8%	-	2.9%	-	2.4%	-	21.9%	6.9%	24.1%	18.1%	3.5%	-	3.1%	-
Bars on windows	4.0%	-	3.6%	-	6.9%	4.3%	<0.1%	-	9.6%	8.9%	5.1%	0.1%	19.6%	-
Foundation crumbling or has open crack or hole	1.5%	-	1.3%	-	3.3%	-	12.0%	<0.1%	22.0%	8.5%	2.9%	-	2.5%	-
None of the above	82.9%	-	83.8%	-	77.8%	-	65.1%	77.6%	58.8%	52.6%	79.8%	0.1%	66.9%	-
None of the above(excluding bars)	85.5%	-	86.2%	91.0%	81.5%	-	65.1%	77.6%	58.8%	55.4%	82.4%	0.1%	79.6%	83.8%

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
	Water Leakage During Last 12 Months													
With leakage from outside structure	4.8%	13.7%	4.7%	13.8%	5.1%	13.4%	11.0%	23.6%	26.3%	39.9%	5.2%	0.1%	7.0%	15.3%
Roof	3.7%	10.7%	3.8%	11.3%	3.4%	9.1%	7.9%	9.8%	23.0%	35.7%	4.3%	-	5.8%	11.9%
Basement leak	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	1.3%	<0.1%	-	<0.1%	-
Walls, closed windows, or doors leak	1.0%	-	0.8%	-	1.5%	5.1%	7.0%	12.8%	8.9%	13.1%	1.2%	-	1.4%	-
Other or Unknown exterior Leak	0.5%	-	0.4%	-	0.6%	-	3.6%	-	<0.1%	1.4%	1.4%	-	<0.1%	0.8%
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INTERIOR														
Damage														
Holes in floors	1.1%	-	0.8%	-	2.0%	-	6.5%	<0.1%	26.6%	14.8%	1.2%	-	1.2%	-
Open cracks or holes	3.0%	-	2.3%	-	5.0%	5.9%	16.3%	5.5%	43.3%	34.2%	3.1%	-	4.2%	-
Broken plaster or peeling paint	1.3%	-	1.1%	-	1.7%	-	6.7%	4.0%	21.2%	20.1%	0.9%	-	1.7%	-
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Water Leakage During Last 12 Months														
With leakage from inside structure	7.2%	9.0%	6.1%	7.8%	10.0%	11.8%	6.8%	16.3%	40.5%	31.5%	6.8%	0.1%	11.1%	-
Fixtures backed up or overflowed	1.6%	-	1.4%	-	2.1%	-	<0.1%	9.1%	8.9%	13.9%	0.5%	-	3.3%	-
Pipes leaked	3.3%	-	3.3%	-	3.3%	5.0%	<0.1%	-	18.6%	-	2.4%	-	5.7%	4.6%
Broken water heater	1.0%	-	0.8%	-	1.7%	-	<0.1%	4.4%	6.7%	3.4%	0.8%	-	2.5%	-
Other or Unknown	2.3%	-	1.5%	-	4.4%	-	6.8%	4.7%	24.9%	5.3%	4.1%	-	2.8%	-
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Rodents														
Signs of rats in last 3 mon.	1.0%	-	0.8%	-	1.3%	-	3.4%	5.2%	9.3%	4.0%	2.2%	-	1.3%	-

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
Signs of mice in last 3 mon.	0.6%	-	0.4%	-	1.2%	-	<0.1%	-	3.4%	-	0.9%	-	1.7%	-
Signs of rodents, not sure which kind in last 3 mon.	0.5%	-	0.5%	-	0.4%	-	<0.1%	4.2%	6.4%	1.1%	0.4%	-	1.0%	-
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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	0.8%	-	0.6%	-	1.3%	-	<0.1%	-	6.1%	4.6%	1.3%	-	0.9%	-
Rooms without electric outlets	1.0%	-	1.0%	-	0.9%	-	3.3%	-	3.0%	-	0.5%	-	<0.1%	1.9%
Fuses/breakers blown in last 3 mon.	7.3%	25.1%	8.0%	28.3%	5.2%	17.0%	15.9%	25.6%	17.3%	41.1%	5.7%	0.1%	6.2%	19.8%
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<b>Sanitation</b>														
Lacking complete kitchen facilities	0.7%	-	0.3%	-	1.6%	-	<0.1%	3.8%	42.1%	36.4%	0.8%	-	0.4%	-
Lacking some or all plumbing facilities	1.2%	-	1.3%	-	1.0%	-	74.9%	70.8%	<0.1%	-	1.6%	-	1.8%	-
Water not safe to drink	14.0%	16.6%	13.8%	15.2%	14.5%	20.0%	14.2%	31.7%	22.2%	-	13.5%	0.1%	16.8%	25.1%
Water stoppage in last 3 mon.	4.7%	-	4.8%	-	4.4%	6.0%	7.0%	11.0%	10.9%	-	8.1%	0.1%	2.6%	-
No flush toilets working some time in last 3 mon.	1.9%	-	1.4%	-	3.1%	5.9%	<0.1%	12.6%	22.2%	17.3%	2.9%	-	3.8%	-
With sewage disposal breakdowns in last 3 mon.	1.1%	-	1.0%	-	1.3%	-	<0.1%	-	6.2%	4.9%	<0.1%	-	1.6%	-
Septic tank, cesspool, chemical toilet	13.0%	16.5%	15.7%	19.4%	5.8%	9.1%	10.7%	15.6%	8.0%	19.5%	17.9%	0.1%	<0.1%	2.7%
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	0.5%	<0.1%	0.6%	<0.1%	0.4%	<0.1%	-	<0.1%	1.9%	<0.1%	-	<0.1%	0.4%
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<b>HEATING/FUEL</b>														
<b>Main Heating Equipment</b>														
Warm-air furnace	26.2%	27.5%	25.0%	26.9%	29.3%	-	36.3%	31.5%	32.6%	27.3%	30.4%	0.1%	27.7%	26.3%

<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>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>	<i>2007</i>	<i>1998</i>
Steam or hot water system	0.1%	-	0.1%	-	0.2%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.4%	-
Electric heat pump	65.9%	-	68.7%	-	58.5%	-	38.2%	46.1%	43.6%	-	51.2%	0.1%	59.2%	-
Built-in electric units	1.4%	-	1.4%	-	1.5%	-	<0.1%	3.8%	2.8%	-	2.0%	-	1.7%	-
Floor, wall, or other built-in hot air without ducts	1.7%	-	1.1%	-	3.5%	-	<0.1%	-	<0.1%	2.3%	4.8%	-	4.2%	6.1%
Room heaters with flue	0.2%	-	0.1%	-	0.4%	-	<0.1%	-	<0.1%	0.8%	0.8%	-	1.2%	-
Room heaters without flue	0.1%	-	0.1%	-	0.2%	-	3.4%	-	3.3%	17.1%	0.5%	-	0.5%	-
Portable electric heaters	3.2%	-	2.7%	-	4.6%	-	19.2%	-	11.2%	6.7%	9.7%	0.1%	4.7%	5.2%
Stoves	0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.2%
Fireplace with inserts	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Fireplace without inserts	0.2%	-	0.3%	-	<0.1%	-	2.9%	-	<0.1%	0.9%	<0.1%	-	0.4%	-
Other	0.5%	-	0.2%	-	1.2%	-	<0.1%	-	6.4%	0.1%	0.7%	-	<0.1%	0.7%
No heating equipment	0.4%	-	0.2%	-	0.7%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	0.4%
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<b>Water Heating Fuel</b>														
Electricity	92.2%	-	91.4%	-	94.5%	-	93.8%	100%	89.8%	-	95.0%	0.1%	90.3%	-
Gas, LP/bottled gas	7.4%	6.8%	8.1%	7.2%	5.5%	5.8%	6.2%	0.1%	10.2%	9.0%	4.1%	-	9.3%	7.4%
Fuel oil	<0.1%	-	0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.4%	-
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-
Other	0.3%	-	0.5%	-	<0.1%	-	<0.1%	-	<0.1%	-	0.8%	-	<0.1%	-
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Clothes Dryer(,000)	886	672	724	562	162	110	13	3	9	16	75	<1	92	67
Have Clothes Dryer	82.4%	71.8%	92.5%	84.3%	55.6%	40.8%	73.5%	45.4%	48.2%	-	60.9%	0.1%	74.2%	58.7%
Electricity	96.4%	-	96.1%	-	97.6%	-	95.9%	-	93.8%	-	96.8%	0.1%	94.1%	-
Gas, LP gas (liquid propane)	3.6%	-	3.9%	-	2.4%	-	4.1%	-	6.2%	3.3%	3.2%	-	5.9%	2.0%
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<b>Heating Problems</b>														

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
	Uncomfortably cold for 24 hours or more last winter	3.5%	-	3.3%	-	4.1%	5.2%	25.1%	30.4%	14.7%	11.2%	3.9%	-	7.3%
Heating equipment breakdowns	1.2%	-	1.2%	-	1.1%	-	25.1%	29.2%	4.3%	-	1.4%	-	2.6%	-
Other causes	2.1%	-	2.0%	-	2.4%	-	<0.1%	7.0%	8.0%	-	2.2%	-	4.7%	-
Utility interruption	0.3%	-	0.3%	-	0.2%	-	<0.1%	-	<0.1%	0.8%	0.4%	-	0.5%	-
Inadequate heating capacity	0.3%	-	0.3%	-	0.5%	-	<0.1%	-	<0.1%	5.1%	1.3%	-	0.9%	-
Inadequate insulation	0.1%	-	0.1%	-	0.2%	-	<0.1%	7.0%	<0.1%	2.5%	<0.1%	-	0.5%	-
Cost of heating	0.4%	-	0.3%	-	0.6%	-	<0.1%	-	<0.1%	-	<0.1%	-	1.4%	-
Other	1.0%	-	1.1%	-	0.9%	-	<0.1%	-	8.0%	2.7%	0.4%	-	1.6%	-
<b>SELECTED PHYSICAL PROBLEMS</b>														
Severe Physical Problems(,000)	17	7	13	3	5	3	17	7	.	.	2	.	3	1
Severe physical problems	1.6%	-	1.6%	-	1.6%	-	100%	-	.	.	2.0%	<0.1%	2.2%	-
Plumbing	1.2%	-	1.3%	-	1.0%	-	74.9%	70.8%	.	.	1.6%	<0.1%	1.8%	-
Heating	0.4%	-	0.3%	-	0.6%	-	25.1%	29.2%	.	.	0.4%	<0.1%	0.4%	-
Electric	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	<0.1%	<0.1%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	<0.1%	<0.1%	-
Upkeep	<0.1%	-	<0.1%	-	<0.1%	-	<0.1%	-	.	.	<0.1%	<0.1%	<0.1%	-
Moderate Physical Problems(,000)	18	34	6	16	12	18	.	.	18	34	4	.	3	6
Moderate physical problems	1.7%	-	0.8%	-	4.0%	6.8%	.	.	100%	-	2.8%	<0.1%	2.1%	5.4%
Plumbing	0.3%	-	0.2%	-	0.4%	-	.	.	16.0%	12.6%	0.4%	<0.1%	0.8%	-
Heating	0.1%	-	<0.1%	0.6%	0.2%	-	.	.	3.3%	17.1%	0.5%	<0.1%	<0.1%	1.2%
Upkeep	0.7%	-	0.3%	-	1.6%	-	.	.	42.1%	36.4%	0.8%	<0.1%	0.4%	-
Hallways	<0.1%	-	<0.1%	-	<0.1%	0.2%	.	.	<0.1%	1.6%	<0.1%	<0.1%	<0.1%	-
Kitchen	0.7%	-	0.2%	-	1.9%	-	.	.	41.5%	37.7%	1.2%	<0.1%	1.3%	-

Characteristic	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998	2007	1998
	OVERALL OPINION OF STRUCTURE													
1(worst)	0.4%	-	0.2%	-	1.0%	-	8.7%	4.0%	<0.1%	3.1%	1.1%	-	<0.1%	0.7%
2	0.4%	-	0.4%	-	0.6%	-	<0.1%	-	4.5%	-	0.4%	-	1.2%	-
3	0.8%	-	0.8%	-	0.8%	-	8.4%	0.1%	14.3%	5.7%	0.5%	-	0.9%	-
4	1.7%	-	1.0%	-	3.6%	-	6.9%	10.4%	<0.1%	2.4%	3.0%	-	1.5%	-
5	5.0%	6.8%	3.4%	-	9.3%	12.3%	8.4%	15.0%	12.8%	14.4%	5.2%	0.1%	7.1%	9.8%
6	4.0%	5.9%	3.1%	-	6.4%	9.0%	4.0%	12.3%	2.9%	7.0%	4.7%	-	4.3%	9.5%
7	12.0%	13.3%	10.1%	11.6%	17.1%	-	5.7%	4.4%	15.8%	16.9%	11.7%	0.1%	12.4%	13.6%
8	26.1%	-	25.9%	27.6%	26.7%	-	20.2%	29.1%	16.0%	28.0%	24.6%	0.1%	23.1%	28.1%
9	15.3%	-	17.1%	-	10.6%	-	11.8%	8.0%	6.5%	8.5%	9.5%	0.1%	12.1%	10.7%
10(best)	34.2%	28.9%	38.0%	33.3%	24.0%	17.8%	25.8%	16.8%	27.3%	13.2%	39.2%	0.1%	37.3%	24.5%

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