American Housing Survey - Selected Elements Related to Healthy Homes
2011 Norfolk-Virginia Beach (Newport News-... and 2011 National
National statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from national (otherwise "-" is listed).

	Oce	cupied	Owner	Occupied	R	ental		evere oblems		derate blems	Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Total Occupied Units(,000)	628	114,907	381	76,091	247	38,816	10	2,103	23	4,126	61	16,060	92	33,161
GENERAL														
Owner occupied(,000)		76,091		76,091		•		907		1,568		6,166		16,552
Renter occupied(,000)		38,816				38,816		1,196		2,558		9,894		16,609
Owner occupied		66.2%		100%		<0.1%		43.1%		38.0%		38.4%		49.9%
Renter occupied		33.8%		<0.1%		100%		56.9%		62.0%		61.6%		50.1%
Units in Structure														
1, detached	63.6%	-	84.2%	-	31.8%	-	35.6%	44.3%	34.4%	-	43.0%	-	50.2%	-
1, attached	12.3%	5.9%	11.3%	5.4%	13.8%	6.8%	7.7%	5.1%	6.3%	3.4%	19.8%	6.1%	7.6%	-
2 to 4	6.2%	7.8%	0.4%	1.9%	15.2%	19.4%	5.7%	14.8%	13.7%	17.8%	11.8%	-	11.9%	-
5 to 9	6.7%	4.7%	0.8%	-	15.7%	12.3%	20.2%	6.9%	24.1%	10.3%	7.3%	-	12.6%	7.4%
10 to 19	4.4%	-	0.6%	-	10.3%	-	2.2%	8.1%	9.9%	7.3%	8.9%	6.9%	9.5%	6.5%
20 to 49	1.2%	3.2%	<0.1%	0.5%	3.1%	8.5%	1.0%	6.5%	1.3%	6.9%	0.4%	5.8%	1.3%	6.1%
50 or more	3.5%	-	0.5%	1.0%	8.1%	-	4.6%	7.0%	8.5%	-	5.1%	6.1%	6.8%	8.7%
Manufactured /mobile home or trailer	2.1%	6.3%	2.2%	7.5%	2.0%	3.9%	23.0%	7.4%	1.8%	7.8%	3.7%	10.3%	0.2%	1.3%
Year Structure Built														
Post-2000	9.6%	13.8%	12.1%	15.6%	5.7%	10.2%	<0.1%	5.0%	1.3%	4.4%	2.7%	9.3%	2.4%	10.9%
Post-1980	46.2%	-	48.5%	-	42.5%	32.2%	14.3%	21.1%	26.1%	-	35.7%	-	22.6%	27.7%
Pre-1980	53.8%	-	51.5%	-	57.5%	-	85.7%	-	73.9%	-	64.3%	-	77.4%	-
Pre-1960	26.0%	-	24.9%	-	27.7%	33.4%	27.1%	47.2%	42.5%	-	30.7%	-	51.8%	-
Pre-1940	8.3%	14.7%	6.3%	12.8%	11.5%	18.5%	6.3%	27.4%	17.8%	24.4%	10.8%	17.2%	17.4%	22.6%

	Occ	cupied	Owner	Occupied	R	ental		evere blems		derate blems	Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Foundation (for 1-unit not manufactured)														
1-Unit not manufactured(,000)	477	80,505	364	66,752	113	13,753	4	1,040	10	1,772	38	7,844	53	18,949
With a basement under all of house	0.5%	32.7%	0.5%	34.4%	0.4%	24.0%	2.3%	32.2%	0.9%	22.1%	0.9%	27.3%	0.9%	31.9%
With a basement under part of house	2.1%	10.6%	1.8%	11.3%	2.7%	7.2%	5.9%	7.9%	15.2%	8.7%	0.2%	7.3%	5.9%	8.1%
With a crawl space	58.6%	22.1%	59.9%	21.4%	54.4%	25.3%	45.6%	24.1%	59.4%	40.2%	55.9%	25.9%	71.9%	20.2%
On a concrete slab	37.9%	-	36.6%	-	42.0%	-	43.5%	29.7%	21.4%	-	42.2%	-	21.3%	38.2%
In some other way	1.0%	1.6%	1.1%	1.4%	0.4%	2.4%	2.7%	6.1%	3.1%	5.3%	0.8%	3.2%	<0.1%	1.6%
EXTERIOR														
External Building Conditions(non multiunit)														
Sagging roof	1.9%	-	1.1%	1.8%	4.5%	2.9%	1.7%	9.0%	18.0%	11.4%	8.6%	3.8%	3.2%	2.4%
Missing roofing material	4.7%	3.6%	4.7%	3.4%	4.7%	-	2.9%	9.9%	37.8%	14.3%	13.9%	5.8%	4.1%	-
Hole in roof	1.4%	-	0.7%	1.3%	3.4%	2.4%	<0.1%	7.6%	24.3%	11.9%	5.2%	3.4%	1.2%	1.9%
Missing bricks, siding, other outside wall material	2.4%	-	2.0%	-	3.7%	-	6.5%	10.7%	16.1%	-	5.2%	-	4.4%	3.2%
Sloping outside walls	0.9%	1.2%	0.3%	1.0%	2.8%	2.2%	1.8%	5.9%	16.4%	8.4%	4.1%	2.3%	2.9%	1.5%
Boarded up windows	0.2%	1.0%	0.1%	0.9%	0.3%	1.6%	<0.1%	4.5%	<0.1%	6.1%	0.9%	2.6%	0.6%	1.5%
Broken windows	3.2%	4.2%	2.7%	3.7%	4.6%	6.6%	7.9%	14.1%	19.3%	-	5.3%	8.6%	7.2%	4.8%
Bars on windows	1.1%	2.9%	1.0%	2.7%	1.5%	3.8%	<0.1%	4.2%	13.6%	7.5%	11.6%	4.8%	3.3%	8.9%
Foundation crumbling or has open crack or hole	3.7%	5.4%	2.8%	5.1%	6.5%	-	9.0%	15.0%	5.1%	18.5%	7.1%	-	4.7%	6.4%
None of the above	85.3%	-	87.6%	-	78.1%	-	77.7%	-	52.9%	-	63.1%	-	73.5%	-
None of the above(excluding bars)	86.1%	-	88.2%	-	79.5%	-	77.7%	-	52.9%	-	71.2%	-	76.5%	-

Water Leakage During Last 12 Months

	Occ	cupied	Owner	Occupied	R	ental		evere blems		derate blems	Below	Poverty	Cen	tral City
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
With leakage from outside structure	13.0%	-	14.4%	-	10.9%	-	14.2%	17.4%	34.4%	-	13.7%	-	15.2%	11.6%
Roof	10.0%	5.7%	12.0%	6.1%	7.0%	4.9%	10.1%	-	22.1%	16.8%	8.3%	6.5%	9.8%	5.9%
Basement leak	0.1%	2.8%	0.1%	3.4%	0.1%	1.4%	<0.1%	2.5%	0.8%	5.1%	0.1%	1.9%	0.1%	2.6%
Walls, closed windows, or doors leak	3.0%	2.2%	1.8%	-	4.9%	3.0%	2.7%	4.7%	17.5%	8.9%	5.2%	2.8%	6.8%	2.9%
Other or Unknown exterior Leak	1.0%	-	0.8%	1.1%	1.4%	-	2.4%	2.9%	2.8%	-	1.0%	1.3%	0.7%	1.4%
INTERIOR														
Damage														
Holes in floors	0.4%	1.0%	0.4%	0.7%	0.5%	1.6%	3.6%	7.2%	2.1%	9.9%	0.6%	2.1%	0.3%	1.3%
Open cracks or holes	5.8%	-	3.6%	-	9.2%	7.1%	12.8%	18.1%	24.4%	29.9%	9.4%	-	8.7%	6.7%
Broken plaster or peeling paint	3.1%	2.1%	1.8%	-	5.2%	3.1%	11.3%	8.3%	21.8%	-	5.3%	3.4%	4.9%	3.2%
Water Leakage During Last 12 Months														
With leakage from inside structure	9.5%	-	6.6%	-	13.9%	-	14.2%	-	34.8%	25.1%	18.5%	11.0%	11.8%	-
Fixtures backed up or overflowed	2.3%	-	1.7%	-	3.2%	2.3%	5.9%	-	11.7%	6.6%	4.9%	2.2%	1.7%	2.2%
Pipes leaked	3.5%	-	2.9%	-	4.6%	-	2.2%	8.4%	14.6%	-	8.2%	5.1%	6.6%	4.5%
Broken water heater	0.7%	-	0.5%	0.9%	1.1%	0.8%	1.1%	1.4%	2.5%	2.0%	0.4%	1.0%	0.9%	-
Other or Unknown	3.3%	2.4%	1.7%	-	5.6%	3.6%	7.3%	3.2%	9.9%	6.0%	5.8%	3.0%	3.1%	-
Rodents														
Signs of rats in last 3 mon.	0.8%	-	1.0%	-	0.5%	1.3%	0.9%	3.3%	1.2%	3.6%	1.0%	1.8%	0.5%	1.4%
Signs of mice in last 3 mon.	7.2%	11.1%	7.8%	11.7%	6.2%	10.0%	6.8%	17.7%	8.7%	20.0%	11.2%	_	4.5%	9.9%

	Occ	cupied	Owner	Occupied	R	ental		evere blems	Moderate Problems		Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Signs of rodents, not sure which kind in last 3 mon.	0.8%	-	0.8%	0.5%	0.9%	-	1.0%	1.5%	0.4%	1.6%	0.8%	-	2.1%	0.7%
Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	0.2%	0.9%	3.2%	<0.1%	0.1%	<0.1%	0.3%	<0.1%	0.1%
Exposed wiring	2.2%	1.6%	1.7%	1.3%	2.9%	2.1%	22.8%	6.2%	2.8%	3.9%	1.7%	2.5%	2.0%	-
Rooms without electric outlets	1.5%	0.8%	0.9%	0.6%	2.5%	1.2%	28.8%	6.5%	1.5%	2.2%	3.8%	1.4%	2.5%	1.0%
Fuses/breakers blown in last 3 mon.	9.8%	-	8.1%	-	12.3%	9.4%	39.1%	14.7%	12.6%	-	8.7%	-	14.5%	9.6%
Sanitation														
Lacking complete kitchen facilities	1.7%	-	0.3%	0.6%	3.9%	-	11.1%	8.4%	41.2%	-	5.1%	3.3%	6.9%	2.8%
Lacking some or all plumbing facilities	0.8%	1.3%	0.5%	0.8%	1.3%	2.1%	51.4%	68.2%	<0.1%	0.0%	1.6%	2.1%	2.9%	1.8%
Water not safe to drink	4.0%	8.3%	2.8%	6.2%	5.9%	12.3%	9.0%	14.7%	4.7%	14.9%	8.5%	13.1%	4.0%	10.1%
Water stoppage in last 3 mon.	2.0%	4.0%	1.3%	3.5%	3.0%	5.1%	6.4%	8.3%	11.0%	-	1.5%	4.8%	2.8%	4.0%
No flush toilets working some time in last 3 mon.	2.4%	1.9%	0.5%	1.1%	5.3%	3.4%	8.5%	5.7%	21.6%	9.8%	4.9%	3.4%	2.4%	-
With sewage disposal breakdowns in last 3 mon.	1.5%	-	0.9%	1.2%	2.3%	1.7%	3.6%	-	13.6%	5.0%	1.8%	-	1.2%	1.6%
Septic tank, cesspool, chemical toilet	6.4%	19.6%	7.6%	25.7%	4.5%	7.5%	4.6%	15.6%	4.0%	16.1%	6.3%	14.7%	0.1%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	<0.1%	0.3%	<0.1%	0.3%	0.1%	-	1.0%	-	<0.1%	0.8%	0.2%	-	<0.1%	-
HEATING/FUEL														
Main Heating Equipment														
Warm-air furnace	62.2%	-	65.9%	-	56.4%	-	59.2%	-	50.6%	39.1%	59.0%	-	59.9%	-
Steam or hot water system	4.1%	11.0%	4.0%	9.7%	4.3%	13.5%	1.1%	18.6%	2.2%	14.0%	8.8%	10.9%	12.4%	15.6%

	Occ	cupied	Owner	Occupied	R	ental		evere bblems		derate blems	Below	/ Poverty	Cen	tral City
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Electric heat pump	27.0%	11.8%	26.5%	12.9%	27.8%	9.6%	14.8%	7.1%	17.8%	4.8%	17.9%	9.7%	15.5%	8.5%
Built-in electric units	3.6%	-	1.9%	2.6%	6.1%	7.4%	19.1%	5.2%	7.4%	5.6%	6.3%	-	8.5%	3.9%
Floor, wall, or other built-in hot air without ducts	1.6%	3.9%	0.8%	2.4%	2.9%	6.9%	1.0%	7.0%	7.0%	-	3.4%	6.7%	2.4%	5.2%
Room heaters with flue	0.6%	0.8%	0.3%	0.7%	0.9%	-	2.8%	1.1%	<0.1%	1.1%	3.2%	1.4%	0.6%	-
Room heaters without flue	0.6%	1.0%	0.1%	0.8%	1.3%	-	2.0%	2.5%	14.7%	25.2%	<0.1%	2.2%	0.1%	0.7%
Portable electric heaters	0.2%	1.2%	0.2%	0.9%	0.2%	1.8%	<0.1%	3.9%	<0.1%	2.0%	0.2%	3.0%	0.4%	1.4%
Stoves	0.1%	0.9%	0.2%	1.2%	<0.1%	0.5%	<0.1%	4.0%	<0.1%	1.0%	<0.1%	1.2%	<0.1%	0.1%
Fireplace with inserts	<0.1%	-	<0.1%	-	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	0.1%	0.2%	-	<0.1%	<0.1%
Fireplace without inserts	<0.1%	0.1%	<0.1%	0.1%	<0.1%	-	<0.1%	0.2%	<0.1%	0.1%	<0.1%	0.1%	<0.1%	-
Other	0.2%	-	0.2%	-	0.2%	0.4%	<0.1%	1.1%	0.4%	-	0.8%	-	0.2%	-
No heating equipment	<0.1%	0.4%	<0.1%	0.3%	<0.1%	0.7%	<0.1%	-	<0.1%	0.7%	<0.1%	0.6%	<0.1%	0.7%
Cooking stove	<0.1%	-	<0.1%	<0.1%	<0.1%	-	<0.1%	0.2%	<0.1%	0.3%	0.2%	-	<0.1%	0.1%
Water Heating Fuel														
Electricity	60.6%	41.3%	52.4%	39.0%	73.2%	45.7%	76.7%	38.7%	67.2%	39.0%	63.6%	46.9%	63.1%	31.9%
Gas, LP/bottled gas	37.3%	54.3%	44.9%	56.6%	25.6%	49.7%	23.3%	53.8%	32.4%	55.2%	34.8%	49.2%	35.4%	62.8%
Fuel oil	1.6%	4.1%	2.1%	4.0%	0.9%	4.3%	<0.1%	6.5%	0.4%	5.1%	1.1%	3.6%	0.9%	5.0%
Kerosene or other liquid fuel	<0.1%	-	<0.1%	-	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other	0.4%	-	0.5%	-	0.3%	-	<0.1%	1.0%	<0.1%	0.5%	0.5%	-	0.7%	0.2%
Clothes Dryer(,000)	512	93,052	366	72,397	146	20,655	6	1,139	12	2,344	37	9,825	57	21,908
Have Clothes Dryer	81.4%	-	96.0%	-	58.9%	-	65.5%	-	51.7%	-	60.8%	-	62.3%	-
Electricity	97.1%	-	96.3%	76.4%	99.2%	-	100%	78.9%	99.1%	-	98.6%	-	96.7%	74.3%
Gas, LP gas (liquid propane)	2.9%	21.8%	3.7%	23.5%	0.8%	15.8%	<0.1%	21.0%	0.9%	17.5%	1.4%	17.8%	3.3%	25.6%
Other	<0.1%	0.1%	<0.1%	-	<0.1%	0.1%	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	0.1%

Heating Problems

	Occ	cupied	Owner	Occupied	R	ental		evere blems		derate blems	Below	Poverty	Cen	tral City
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Uncomfortably cold for 24 hours or more last winter	6.3%	9.1%	4.8%	7.7%	9.4%	12.5%	50.8%	-	8.4%	22.2%	9.9%	13.7%	7.8%	10.1%
Heating equipment breakdowns	2.4%	-	1.7%	-	3.5%	-	25.6%	31.2%	4.0%	-	3.7%	-	1.2%	3.0%
Other causes	3.3%	5.9%	3.0%	5.5%	3.9%	6.7%	4.0%	11.0%	3.6%	15.4%	5.1%	8.0%	5.5%	-
Utility interruption	0.8%	1.9%	1.1%	2.3%	0.4%	1.1%	<0.1%	1.5%	0.8%	1.9%	2.9%	1.6%	0.7%	1.1%
Inadequate heating capacity	0.6%	1.1%	0.3%	0.7%	1.1%	2.0%	1.4%	3.9%	1.2%	5.4%	1.0%	2.2%	2.3%	1.7%
Inadequate insulation	0.8%	1.1%	0.4%	0.7%	1.3%	1.8%	1.7%	3.1%	0.9%	5.0%	1.3%	2.0%	1.9%	1.4%
Cost of heating	0.6%	1.0%	0.3%	1.0%	1.2%	-	<0.1%	1.7%	0.4%	2.8%	0.1%	1.3%	1.6%	0.8%
Other	0.9%	1.3%	1.0%	-	0.7%	1.6%	2.6%	3.5%	0.4%	3.2%	0.4%	1.8%	0.7%	1.6%
SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	10	2,103	3	907	7	1,196	10	2,103			2	522	3	909
Severe physical problems	1.5%	1.8%	0.7%	1.2%	2.7%	-	100%	-			3.0%	-	3.3%	-
Plumbing	0.8%	1.2%	0.5%	0.8%	1.3%	2.1%	51.4%	68.2%			1.6%	2.1%	2.9%	1.8%
Heating	0.4%	-	0.3%	-	0.5%	0.9%	24.5%	-			1.4%	1.1%	0.4%	0.8%
Electric	0.3%	0.1%	<0.1%	-	0.8%	<0.1%	22.5%	3.1%			<0.1%	0.1%	<0.1%	-
Hallways	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%			<0.1%	0.0%	<0.1%	0.0%
Upkeep	<0.1%	-	<0.1%	-	0.1%	-	2.6%	-			<0.1%	-	<0.1%	0.1%
Moderate Physical Problems(,000)	23	4,126	3	1,568	20	2,558			23	4,126	6	1,170	8	1,628
Moderate physical problems	3.7%	-	0.9%	2.1%	8.1%	-			100%	-	10.0%	7.3%	8.8%	4.9%
Plumbing	0.7%	0.2%	<0.1%	-	1.9%	0.4%			20.1%	5.2%	2.2%	0.4%	0.2%	-
Heating	0.5%	0.9%	0.1%	0.8%	1.3%	-			14.7%	25.2%	<0.1%	2.1%	0.1%	0.7%
Upkeep	1.5%	-	0.2%	0.5%	3.5%	-			41.2%	-	4.0%	2.9%	6.2%	2.6%
Hallways	<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%			<0.1%	0.0%	<0.1%	0.0%	<0.1%	0.0%
Kitchen	0.9%	-	0.6%	-	1.5%	-			25.5%	-	4.1%	2.3%	2.3%	1.6%

	Oce	Occupied		Owner Occupied		Rental		Severe Problems		Moderate Problems		Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	
OVERALL OPINION OF STRUCTURE	•							•		•					
1(worst)	0.6%	-	<0.1%	0.3%	1.5%	1.1%	2.7%	3.4%	0.9%	3.0%	0.9%	1.5%	0.3%	0.7%	
2	0.2%	-	<0.1%	-	0.4%	-	1.4%	1.9%	1.2%	1.6%	0.3%	0.9%	0.2%	-	
3	0.5%	-	0.4%	-	0.6%	1.2%	1.2%	3.5%	1.9%	2.9%	1.4%	-	0.3%	1.0%	
4	0.6%	1.0%	0.1%	0.6%	1.3%	1.8%	<0.1%	2.7%	0.8%	3.3%	1.2%	1.9%	0.5%	1.2%	
5	5.2%	-	2.2%	3.3%	9.8%	7.5%	8.1%	-	10.6%	-	5.5%	8.6%	4.1%	5.8%	
6	5.9%	-	3.0%	3.7%	10.4%	7.7%	29.6%	7.1%	18.5%	10.5%	6.0%	-	8.1%	6.2%	
7	12.5%	-	11.9%	-	13.3%	17.6%	22.2%	16.5%	14.0%	-	19.2%	14.5%	14.6%	-	
8	32.6%	-	34.6%	26.8%	29.4%	-	15.2%	21.2%	37.2%	21.9%	22.3%	-	34.6%	-	
9	15.6%	-	17.0%	-	13.5%	-	5.3%	11.1%	10.2%	-	13.2%	-	17.0%	-	
10(best)	26.3%	-	30.7%	-	19.5%	-	14.2%	23.0%	4.8%	19.0%	29.9%	-	20.3%	25.2%	

See http://nchh.org/Training/HealthyHomesTrainingCenter/AHSData.aspx for more info.