	Occ	cupied	Owner	Occupied	R	ental	Severe	Problems	Moderate Problems		Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Total Occupied Units(,000)	658	108,901	470	74,950	188	33,951	7	2,023	18	4,177	66	15,107	306	31,631
GENERAL														
Owner occupied(,000)	470	74,950	470	74,950			4	923	8	1,635	28	6,428	189	16,709
Renter occupied(,000)	188	33,951			188	33,951	3	1,100	10	2,542	38	8,679	117	14,922
Owner occupied	71.4%	-	100%	-	<0.1%	<0.1%	55.6%	-	45.6%	-	42.3%	-	61.6%	-
Renter occupied	28.6%	-	<0.1%	<0.1%	100%	-	44.4%	54.4%	54.4%	-	57.7%	-	38.4%	47.2%
Units in Structure														
1, detached	73.4%	-	91.3%	-	28.4%	-	64.9%	45.8%	51.7%	41.1%	50.4%	-	65.9%	49.8%
1, attached	4.8%	-	3.0%	5.3%	9.3%	6.4%	<0.1%	5.4%	5.1%	2.9%	7.6%	5.6%	6.7%	-
2 to 4	5.0%	7.4%	0.7%	2.0%	15.9%	19.2%	4.8%	12.0%	10.8%	16.8%	9.7%	12.7%	7.2%	12.1%
5 to 9	5.8%	4.5%	0.2%	0.7%	19.9%	12.9%	14.1%	7.8%	17.0%	9.2%	9.8%	-	8.4%	-
10 to 19	4.0%	-	0.1%	0.7%	13.7%	-	5.2%	8.2%	10.0%	-	6.5%	-	5.7%	-
20 to 49	1.8%	3.5%	0.2%	0.6%	5.9%	9.8%	7.1%	-	3.9%	7.8%	5.6%	-	2.5%	6.4%
50 or more	1.4%	4.0%	<0.1%	1.0%	4.9%	10.7%	<0.1%	8.3%	<0.1%	6.3%	4.3%	8.5%	2.0%	9.0%
Manufactured /mobile home or trailer	3.8%	6.4%	4.6%	7.3%	1.9%	4.2%	3.7%	6.2%	1.4%	6.8%	6.2%	10.0%	1.7%	1.2%
Year Structure Built														
Post-2000	11.1%	8.0%	13.4%	9.4%	5.5%	-	2.5%	-	7.6%	2.6%	6.5%	5.1%	5.7%	-
Post-1980	40.2%	-	44.0%	-	30.7%	-	23.1%	18.0%	24.6%	18.6%	27.5%	-	30.2%	23.2%
Pre-1980	59.8%	-	56.0%	-	69.3%	-	76.9%	-	75.4%	-	72.5%	-	69.8%	-
Pre-1960	30.4%	-	30.2%	-	30.7%	-	51.9%	-	42.8%	-	39.5%	-	36.6%	45.4%
Pre-1940	14.0%	-	12.9%	-	16.7%	20.4%	29.3%	-	25.3%	-	20.0%	-	16.3%	24.4%

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Occ	cupied	Owner	Occupied	R	ental	Severe Problems		Moderat	e Problems	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)	514	76,187	443	65,704	71	10,484	5	1,037	10	1,837	38	7,409	222	18,167
With a basement under all of house	21.4%	32.8%	21.2%	34.4%	22.7%	-	15.0%	31.7%	34.9%	15.5%	27.5%	-	25.5%	32.5%
With a basement under part of house	18.0%	11.5%	18.4%	11.9%	15.5%	8.5%	27.5%	11.5%	24.3%	7.3%	18.2%	8.1%	18.5%	8.1%
With a crawl space	32.0%	24.9%	33.0%	23.8%	25.8%	32.3%	42.1%	-	14.3%	57.8%	31.1%	-	24.2%	-
On a concrete slab	27.0%	-	25.9%	-	34.5%	-	8.1%	21.2%	23.0%	-	21.2%	30.0%	29.9%	-
In some other way	1.5%	0.5%	1.5%	0.4%	1.5%	1.2%	7.3%	1.7%	3.4%	0.5%	1.9%	0.9%	1.9%	0.5%
EXTERIOR														
External Building Conditions														
Sagging roof	2.6%	-	2.4%	1.9%	3.0%	-	7.6%	-	17.0%	8.2%	4.7%	3.4%	3.1%	2.3%
Missing roofing material	3.5%	-	3.2%	-	4.1%	5.0%	6.3%	10.7%	11.1%	-	8.7%	5.8%	4.0%	-
Hole in roof	1.5%	1.9%	1.1%	1.4%	2.5%	-	6.3%	7.9%	9.6%	-	4.3%	-	1.9%	2.5%
Missing bricks, siding, other outside wall material	3.1%	-	2.3%	-	5.2%	4.1%	12.5%	9.4%	14.0%	10.2%	6.2%	4.9%	4.3%	3.1%
Sloping outside walls	1.2%	-	0.9%	-	1.9%	-	2.4%	6.5%	8.5%	-	2.7%	-	1.3%	-
Boarded up windows	0.9%	-	0.6%	-	1.4%	-	<0.1%	4.4%	5.3%	-	1.1%	2.4%	1.2%	-
Broken windows	4.6%	3.5%	4.5%	2.9%	5.0%	-	12.7%	-	15.5%	-	6.9%	-	5.0%	-
Bars on windows	0.9%	4.0%	0.8%	2.8%	1.0%	6.6%	<0.1%	7.5%	3.9%	8.7%	1.9%	6.3%	1.6%	10.2%
Foundation crumbling or has open crack or hole	2.6%	-	2.4%	-	2.9%	-	<0.1%	7.9%	12.7%	7.9%	4.1%	-	2.7%	-
None of the above	83.4%	-	85.3%	-	78.5%	-	66.8%	-	57.7%	-	73.4%	-	79.7%	-

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Oce	cupied	Owner	Occupied	R	ental	Severe	Problems	Moderat	e Problems	Below Poverty		Cen	tral City
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Water Leakage During Last 12 Months				•				•			•			
With leakage from outside structure	16.7%	10.9%	18.3%	11.3%	12.6%	9.8%	18.4%	-	47.3%	27.6%	17.4%	10.2%	19.0%	11.1%
Roof	7.8%	5.7%	8.8%	5.8%	5.6%	-	13.9%	-	32.4%	18.3%	7.7%	6.0%	7.9%	6.1%
Basement	7.2%	3.5%	8.3%	4.3%	4.4%	1.8%	2.9%	4.4%	20.3%	5.0%	5.4%	2.2%	9.2%	2.9%
Walls, closed windows, or doors	3.0%	-	3.2%	2.2%	2.5%	-	3.2%	7.1%	11.9%	9.1%	4.9%	2.8%	3.2%	-
Other or Unknown	2.6%	1.3%	2.8%	1.2%	2.2%	1.4%	<0.1%	2.4%	12.1%	4.7%	2.0%	1.0%	3.6%	1.2%
INTERIOR														
Damage														
Holes in floors	0.8%	-	0.5%	-	1.3%	-	7.1%	5.4%	8.5%	-	1.9%	-	1.2%	-
Open cracks or holes	5.3%	-	4.8%	3.7%	6.4%	-	10.0%	13.9%	42.8%	29.1%	6.8%	-	6.7%	-
Broken plaster or peeling paint	2.0%	-	1.6%	-	3.0%	-	2.5%	7.5%	21.9%	-	2.3%	3.5%	2.7%	-
Water Leakage During Last 12 Months														
With leakage from inside structure	10.5%	-	9.4%	7.0%	13.2%	-	22.0%	16.0%	38.6%	27.0%	15.2%	9.6%	12.8%	9.7%
Fixtures backed up or overflowed	3.2%	-	2.9%	2.2%	4.1%	-	5.8%	7.3%	22.3%	10.3%	7.0%	3.0%	5.0%	3.1%
Pipes leaked	4.1%	-	3.1%	-	6.6%	-	11.0%	-	19.7%	15.4%	6.5%	5.0%	4.7%	-
Broken water heater	1.4%	0.9%	1.4%	1.0%	1.2%	0.8%	<0.1%	2.1%	7.6%	3.0%	1.7%	0.8%	2.0%	0.8%
Other or Unknown	3.3%	2.2%	3.2%	1.9%	3.6%	-	11.4%	4.1%	11.4%	7.8%	2.8%	2.2%	3.4%	2.6%

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Oce	cupied	Owner Occupied		R	ental	Severe Problems		Moderate Problems		Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Rodents			•	•		•	•	•		•				•
Signs of rats in last 3 mon.	0.3%	0.9%	0.2%	0.7%	0.4%	1.3%	<0.1%	4.6%	<0.1%	4.2%	0.6%	1.4%	0.5%	1.4%
Signs of mice in last 3 mon.	5.8%	-	5.5%	-	6.4%	-	12.1%	-	14.5%	-	11.4%	7.3%	6.7%	-
Signs of rodents, not sure which kind in last 3 mon.	0.1%	-	0.1%	-	0.3%	-	<0.1%	1.0%	1.2%	0.8%	0.6%	-	0.1%	0.5%
Electrical														
No electrical wiring	<0.1%	-	<0.1%	-	<0.1%	-	2.4%	1.5%	<0.1%	0.0%	<0.1%	0.1%	<0.1%	-
Exposed wiring	0.4%	0.6%	0.4%	-	0.3%	0.7%	5.1%	1.9%	1.9%	1.5%	0.3%	1.1%	0.5%	-
Rooms without electric outlets	1.7%	-	1.4%	-	2.5%	1.9%	12.2%	6.3%	7.7%	3.3%	2.6%	-	2.4%	1.8%
Fuses/breakers blown in last 3 mon.	11.0%	-	11.2%	-	10.5%	-	14.7%	17.6%	19.0%	14.3%	10.5%	7.7%	12.5%	9.7%
Sanitation														
Lacking complete kitchen facilities	1.3%	-	0.5%	-	3.4%	4.2%	9.6%	7.4%	44.8%	-	3.7%	-	2.1%	2.6%
Lacking some or all plumbing facilities	0.7%	1.2%	0.6%	0.8%	1.1%	1.9%	68.9%	-	<0.1%	0.0%	2.4%	-	0.9%	1.7%
Water not safe to drink	8.6%	-	7.5%	-	11.6%	-	24.0%	14.3%	12.4%	18.4%	12.0%	-	11.5%	-
Water stoppage in last 3 mon.	3.3%	-	2.6%	-	5.0%	-	2.6%	6.4%	7.8%	-	4.9%	3.8%	3.2%	-
No flush toilets working some time in last 3 mon.	2.5%	2.0%	1.6%	1.1%	4.8%	-	2.7%	5.4%	21.3%	10.0%	5.6%	3.5%	3.7%	2.6%
With sewage disposal breakdowns in last 3 mon.	2.2%	1.2%	1.7%	1.0%	3.2%	1.7%	2.6%	-	11.9%	4.2%	4.2%	1.5%	2.9%	1.4%
Septic tank, cesspool, chemical toilet	17.7%	-	22.4%	-	6.0%	7.9%	13.9%	-	9.9%	17.0%	11.1%	16.5%	8.5%	1.3%
With septic tank or cesspool breakdowns in last 3 mon.	0.4%	-	0.5%	-	0.2%	-	<0.1%	0.8%	2.1%	0.6%	0.7%	0.3%	0.4%	<0.1%

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Occ	cupied	Owner	Owner Occupied		ental	Severe	Problems	Moderat	e Problems	Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
HEATING/FUEL								•						
Main Heating Equipment														
Warm-air furnace	84.9%	62.7%	84.9%	67.4%	85.0%	52.5%	75.3%	46.6%	83.7%	35.4%	86.3%	55.3%	88.1%	60.1%
Steam or hot water system	1.9%	11.8%	1.5%	10.3%	2.8%	15.2%	2.6%	21.1%	4.0%	11.7%	1.9%	12.6%	1.6%	16.5%
Electric heat pump	7.5%	11.5%	8.5%	12.1%	5.1%	10.0%	2.4%	6.6%	3.0%	5.8%	4.7%	9.6%	7.2%	9.1%
Built-in electric units	3.0%	4.3%	2.5%	-	4.1%	7.6%	5.1%	-	1.9%	5.5%	4.0%	5.9%	1.6%	3.6%
Floor, wall, or other built-in hot air without ducts	2.0%	4.7%	1.9%	2.9%	2.2%	8.6%	4.8%	6.8%	4.0%	6.2%	2.1%	7.2%	0.9%	6.5%
Room heaters with flue	0.2%	1.2%	0.2%	1.0%	0.3%	1.6%	2.3%	-	<0.1%	1.4%	1.0%	2.1%	0.2%	0.9%
Room heaters without flue	0.1%	1.2%	0.1%	1.2%	0.1%	1.3%	5.1%	2.7%	2.4%	30.2%	<0.1%	2.7%	0.1%	1.1%
Portable electric heaters	0.1%	0.8%	<0.1%	0.6%	0.2%	1.4%	<0.1%	2.6%	<0.1%	1.6%	<0.1%	1.9%	<0.1%	1.0%
Stoves	0.1%	0.8%	0.2%	1.0%	<0.1%	0.5%	<0.1%	2.5%	<0.1%	0.7%	<0.1%	1.2%	<0.1%	<0.1%
Fireplace with inserts	<0.1%	0.1%	<0.1%	0.2%	<0.1%	-	<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%	0.2%	<0.1%	0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other	0.2%	-	0.1%	-	0.2%	-	<0.1%	0.7%	0.9%	0.4%	<0.1%	0.5%	0.2%	-
No heating equipment	<0.1%	0.4%	<0.1%	-	<0.1%	0.6%	2.4%	1.5%	<0.1%	0.8%	<0.1%	0.6%	<0.1%	0.6%
Cooking stove	<0.1%	-	<0.1%	0.1%	0.1%	-	<0.1%	0.7%	<0.1%	0.2%	<0.1%	0.2%	0.1%	-
Water Heating Fuel														
Electricity	40.8%	-	37.5%	-	49.1%	-	44.9%	35.5%	38.6%	-	40.0%	-	38.1%	29.8%
Gas, LP/bottled gas	58.8%	-	62.3%	-	50.3%	-	55.1%	-	59.4%	-	60.0%	-	61.5%	-
Fuel oil	0.1%	4.9%	0.1%	4.6%	<0.1%	5.7%	<0.1%	10.1%	<0.1%	4.5%	<0.1%	4.7%	0.1%	6.1%
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	0.2%	-	<0.1%	-	0.6%	0.3%	<0.1%	0.6%	2.0%	0.1%	<0.1%	0.3%	0.3%	-

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Occ	cupied	Owner	Occupied	R	ental	Severe Problems		Moderate Problems		Below Poverty		Central City	
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Clothes Dryer Fuel(,000)	563	86,192	456	70,363	107	15,829	5	1,063	12	2,182	44	8,546	242	20,203
Electricity	83.9%	-	82.2%	-	91.0%	-	96.5%	76.3%	82.0%	-	84.3%	-	82.7%	-
Gas, LP gas (liquid propane)	16.1%	22.8%	17.8%	24.7%	9.0%	14.4%	3.5%	23.4%	18.0%	-	15.7%	-	17.3%	26.7%
Other	<0.1%	-	<0.1%	-	<0.1%	0.1%	<0.1%	0.3%	<0.1%	<0.1%	<0.1%	0.1%	<0.1%	-
Heating Problems														
Uncomfortably cold for 24 hours or more last winter	8.2%	-	7.5%	-	10.6%	-	37.2%	-	31.9%	17.6%	13.5%	10.4%	9.0%	-
Heating equipment breakdowns	3.2%	2.2%	3.2%	1.8%	3.3%	-	33.6%	-	8.5%	2.5%	3.1%	-	3.4%	-
Other causes	4.4%	-	4.0%	-	5.2%	-	4.9%	8.1%	17.1%	12.7%	8.5%	6.7%	4.6%	-
Utility interruption	0.7%	1.5%	0.8%	1.7%	0.5%	0.9%	<0.1%	1.4%	2.5%	1.8%	1.0%	1.3%	0.8%	1.1%
Inadequate heating capacity	0.9%	-	0.7%	-	1.5%	1.9%	4.9%	3.2%	3.8%	4.9%	3.4%	2.1%	0.7%	1.4%
Inadequate insulation	1.1%	0.8%	0.8%	0.5%	1.9%	1.5%	2.3%	3.5%	4.2%	-	2.1%	-	1.2%	-
Cost of heating	0.9%	-	1.0%	0.7%	0.6%	1.0%	<0.1%	1.4%	3.8%	2.4%	2.0%	1.3%	0.7%	-
Other	1.5%	-	1.2%	-	2.3%	-	2.3%	-	9.3%	4.5%	2.9%	2.0%	2.1%	-
SELECTED PHYSICAL PROBLEMS														
Severe Physical Problems(,000)	7	2,023	4	923	3	1,100	7	2,023			2	583	4	860
Severe physical problems	1.1%	1.9%	0.8%	1.2%	1.7%	3.2%	100%	-			2.9%	3.9%	1.3%	2.7%
Plumbing	0.7%	1.2%	0.6%	0.8%	1.1%	1.9%	68.9%	-			2.4%	-	0.9%	1.7%
Heating	0.3%	0.6%	0.2%	-	0.6%	1.2%	31.1%	-			0.5%	1.2%	0.5%	0.9%
Electric	<0.1%	-	<0.1%	-	<0.1%	0.1%	2.4%	3.5%			<0.1%	0.2%	<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%	0.1%	<0.1%	2.6%			<0.1%	0.2%	<0.1%	0.1%

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.

	Oc	cupied	Owner	Occupied	R	ental	Severe	Problems	Moderat	e Problems	Below	Poverty	Cen	tral City
Characteristic	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National	MSA	National
Moderate Physical Problems(,000)	18	4,177	8	1,635	10	2,542	•		18	4,177	4	1,125	13	1,709
Moderate physical problems	2.7%	3.8%	1.7%	2.2%	5.2%	7.5%			100%	-	5.9%	7.4%	4.1%	5.4%
Plumbing	0.4%	0.1%	0.2%	-	0.9%	0.3%			15.8%	3.7%	1.6%	0.3%	0.8%	0.2%
Heating	0.1%	1.2%	0.1%	1.1%	0.1%	1.2%			2.4%	30.2%	<0.1%	2.5%	0.1%	1.0%
Upkeep	1.2%	-	0.4%	-	3.2%	3.9%			44.8%	-	3.2%	-	2.0%	-
Hallways	0.1%	-	<0.1%	-	0.3%	-			3.1%	-	0.3%	-	0.2%	-
Kitchen	1.2%	-	1.1%	0.7%	1.4%	2.0%			42.7%	29.1%	1.9%	-	1.6%	-
OVERALL OPINION OF STRUCTURE														
1(worst)	0.4%	-	0.4%	-	0.7%	1.0%	2.8%	3.5%	5.7%	2.5%	1.8%	1.4%	0.7%	-
2	0.2%	-	0.1%	-	0.6%	-	2.9%	1.4%	1.9%	-	0.6%	-	0.5%	-
3	0.8%	-	0.3%	-	1.9%	1.4%	5.3%	2.0%	2.1%	-	1.7%	-	1.3%	-
4	0.9%	-	0.7%	-	1.5%	2.0%	5.1%	2.9%	1.1%	3.0%	2.3%	1.7%	1.6%	-
5	6.0%	-	4.4%	3.5%	10.2%	-	12.9%	-	9.5%	13.2%	12.1%	9.1%	7.5%	-
6	5.5%	-	4.5%	-	7.8%	-	5.2%	8.3%	10.2%	8.2%	6.2%	-	7.0%	-
7	15.8%	-	14.2%	-	19.8%	-	15.4%	-	20.3%	-	13.9%	-	18.1%	-
8	27.0%	-	27.7%	-	25.2%	-	26.1%	-	30.0%	23.5%	21.0%	-	26.9%	-
9	16.0%	-	17.5%	-	12.3%	-	7.6%	12.0%	9.7%	-	12.7%	-	13.4%	-
10(best)	27.3%	-	30.2%	-	20.0%	-	16.9%	20.6%	9.5%	18.4%	27.7%	-	23.1%	-

<sup>\* =</sup> National Statistic only reported if Metropolitan Statistical Area (MSA) is >=20%(relative) and 0.25% (absolute) different from National. See www.healthyhomestraining.org/ahs/ for more info.