### American Housing Survey - Selected Elements Related to Healthy Homes
**Kansas City, MO-KS in 2011 and 2002**

*2002 is only reported if >=5% (relative) and 0.1% (absolute) different from 2011 (otherwise "-" is listed).*

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Occupied</th>
<th>Owner Occupied</th>
<th>Rental</th>
<th>Severe Problems</th>
<th>Moderate Problems</th>
<th>Below Poverty</th>
<th>Central City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Occupied Units (,000)</td>
<td>782</td>
<td>697</td>
<td>508</td>
<td>487</td>
<td>274</td>
<td>210</td>
<td>9</td>
</tr>
<tr>
<td><strong>GENERAL</strong></td>
<td></td>
<td></td>
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<tr>
<td>Owner occupied (,000)</td>
<td></td>
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</tr>
<tr>
<td>2011</td>
<td>508</td>
<td>508</td>
<td>487</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2002</td>
<td>487</td>
<td>487</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Renter occupied (,000)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>274</td>
<td>210</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2002</td>
<td></td>
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</tr>
<tr>
<td>Owner occupied</td>
<td>64.9%</td>
<td>69.8%</td>
<td>100%</td>
<td>-</td>
<td>38.8%</td>
<td>67.8%</td>
<td>28.6%</td>
</tr>
<tr>
<td>Renter occupied</td>
<td>35.1%</td>
<td>30.2%</td>
<td>-</td>
<td>100%</td>
<td>-</td>
<td>61.2%</td>
<td>32.2%</td>
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<tr>
<td><strong>Units in Structure</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1, detached</td>
<td>70.7%</td>
<td>-</td>
<td>91.8%</td>
<td>-</td>
<td>31.7%</td>
<td>28.5%</td>
<td>76.0%</td>
</tr>
<tr>
<td>1, attached</td>
<td>7.0%</td>
<td>12.4%</td>
<td>3.7%</td>
<td>-</td>
<td>13.1%</td>
<td>32.5%</td>
<td>4.9%</td>
</tr>
<tr>
<td>2 to 4</td>
<td>6.9%</td>
<td>3.1%</td>
<td>1.2%</td>
<td>-</td>
<td>17.3%</td>
<td>8.6%</td>
<td>7.0%</td>
</tr>
<tr>
<td>5 to 9</td>
<td>4.0%</td>
<td>-</td>
<td>0.1%</td>
<td>-</td>
<td>11.0%</td>
<td>9.3%</td>
<td>1.7%</td>
</tr>
<tr>
<td>10 to 19</td>
<td>4.6%</td>
<td>-</td>
<td>0.5%</td>
<td>-</td>
<td>12.2%</td>
<td>10.5%</td>
<td>3.8%</td>
</tr>
<tr>
<td>20 to 49</td>
<td>2.9%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>8.1%</td>
<td>4.5%</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>50 or more</td>
<td>2.0%</td>
<td>-</td>
<td>0.2%</td>
<td>-</td>
<td>5.3%</td>
<td>4.8%</td>
<td>3.1%</td>
</tr>
<tr>
<td>Manufactured / mobile home or trailer</td>
<td>1.9%</td>
<td>-</td>
<td>2.4%</td>
<td>-</td>
<td>1.1%</td>
<td>-</td>
<td>3.5%</td>
</tr>
<tr>
<td><strong>Year Structure Built</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Post-2000</td>
<td>12.6%</td>
<td>4.7%</td>
<td>13.7%</td>
<td>4.8%</td>
<td>10.8%</td>
<td>4.4%</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>Post-1980</td>
<td>39.0%</td>
<td>35.6%</td>
<td>41.0%</td>
<td>37.6%</td>
<td>35.3%</td>
<td>31.2%</td>
<td>14.7%</td>
</tr>
<tr>
<td>Pre-1980</td>
<td>61.0%</td>
<td>64.4%</td>
<td>59.0%</td>
<td>62.4%</td>
<td>64.7%</td>
<td>68.8%</td>
<td>85.3%</td>
</tr>
<tr>
<td>Pre-1960</td>
<td>28.7%</td>
<td>32.3%</td>
<td>28.7%</td>
<td>32.4%</td>
<td>28.8%</td>
<td>32.0%</td>
<td>68.4%</td>
</tr>
<tr>
<td>Pre-1940</td>
<td>11.0%</td>
<td>12.8%</td>
<td>9.8%</td>
<td>12.3%</td>
<td>13.2%</td>
<td>14.0%</td>
<td>35.3%</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
<td>---------------</td>
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<td>----------------------</td>
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<td>------------------------</td>
</tr>
<tr>
<td>Foundation (for 1-unit not manufactured)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-Unit not manufactured,(000)</td>
<td>608</td>
<td>595</td>
<td>485</td>
<td>467</td>
<td>123</td>
<td>128</td>
<td>7</td>
</tr>
<tr>
<td>With a basement under all of house</td>
<td>65.9%</td>
<td>-</td>
<td>70.5%</td>
<td>-</td>
<td>47.6%</td>
<td>41.0%</td>
<td>23.0%</td>
</tr>
<tr>
<td>With a basement under part of house</td>
<td>20.3%</td>
<td>16.9%</td>
<td>20.2%</td>
<td>18.7%</td>
<td>20.8%</td>
<td>10.0%</td>
<td>64.1%</td>
</tr>
<tr>
<td>With a crawl space</td>
<td>6.8%</td>
<td>7.3%</td>
<td>5.0%</td>
<td>6.5%</td>
<td>13.9%</td>
<td>10.3%</td>
<td>8.5%</td>
</tr>
<tr>
<td>On a concrete slab</td>
<td>6.4%</td>
<td>11.5%</td>
<td>3.9%</td>
<td>-</td>
<td>16.0%</td>
<td>36.0%</td>
<td>4.3%</td>
</tr>
<tr>
<td>In some other way</td>
<td>0.7%</td>
<td>-</td>
<td>0.4%</td>
<td>-</td>
<td>1.7%</td>
<td>-</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>EXTERIOR</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>External Building Conditions(non multiunit)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sagging roof</td>
<td>1.5%</td>
<td>-</td>
<td>1.3%</td>
<td>-</td>
<td>2.7%</td>
<td>-</td>
<td>8.9%</td>
</tr>
<tr>
<td>Missing roofing material</td>
<td>2.6%</td>
<td>-</td>
<td>2.3%</td>
<td>-</td>
<td>4.2%</td>
<td>5.0%</td>
<td>8.0%</td>
</tr>
<tr>
<td>Hole in roof</td>
<td>1.4%</td>
<td>-</td>
<td>1.2%</td>
<td>-</td>
<td>2.3%</td>
<td>-</td>
<td>1.8%</td>
</tr>
<tr>
<td>Missing bricks, siding, other outside wall material</td>
<td>2.8%</td>
<td>-</td>
<td>2.4%</td>
<td>-</td>
<td>4.3%</td>
<td>-</td>
<td>8.1%</td>
</tr>
<tr>
<td>Sloping outside walls</td>
<td>1.1%</td>
<td>-</td>
<td>1.1%</td>
<td>-</td>
<td>1.4%</td>
<td>-</td>
<td>4.2%</td>
</tr>
<tr>
<td>Boarded up windows</td>
<td>1.2%</td>
<td>-</td>
<td>0.5%</td>
<td>-</td>
<td>4.2%</td>
<td>-</td>
<td>4.0%</td>
</tr>
<tr>
<td>Broken windows</td>
<td>4.7%</td>
<td>-</td>
<td>4.7%</td>
<td>-</td>
<td>4.6%</td>
<td>5.7%</td>
<td>14.3%</td>
</tr>
<tr>
<td>Bars on windows</td>
<td>5.9%</td>
<td>3.5%</td>
<td>5.2%</td>
<td>3.3%</td>
<td>8.7%</td>
<td>4.5%</td>
<td>2.0%</td>
</tr>
<tr>
<td>Foundation crumbling or has open crack or hole</td>
<td>7.1%</td>
<td>4.3%</td>
<td>6.9%</td>
<td>3.9%</td>
<td>7.8%</td>
<td>5.9%</td>
<td>25.6%</td>
</tr>
<tr>
<td>None of the above</td>
<td>76.8%</td>
<td>-</td>
<td>78.9%</td>
<td>-</td>
<td>68.4%</td>
<td>75.9%</td>
<td>72.6%</td>
</tr>
<tr>
<td>None of the above(excluding bars)</td>
<td>81.0%</td>
<td>-</td>
<td>82.8%</td>
<td>-</td>
<td>74.3%</td>
<td>78.8%</td>
<td>72.6%</td>
</tr>
<tr>
<td>---------------</td>
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<td>----------------------</td>
</tr>
<tr>
<td>Water Leakage During Last 12 Months</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With leakage from outside structure</td>
<td>14.9% -</td>
<td>15.5% -</td>
<td>13.8% -</td>
<td></td>
<td>17.8% 12.7%</td>
<td>54.9% 51.4%</td>
<td>11.1% 10.0%</td>
</tr>
<tr>
<td>Roof</td>
<td>6.6% 5.9%</td>
<td>6.5% 5.9%</td>
<td>6.9% 6.1%</td>
<td></td>
<td>10.7% 8.8%</td>
<td>29.9% -</td>
<td>6.3% 4.4%</td>
</tr>
<tr>
<td>Basement leak</td>
<td>4.9% 7.1%</td>
<td>5.3% 8.0%</td>
<td>4.0% 5.1%</td>
<td></td>
<td>8.9% 4.7%</td>
<td>11.5% 27.6%</td>
<td>2.7% -</td>
</tr>
<tr>
<td>Walls, closed windows, or doors leak</td>
<td>3.0% -</td>
<td>2.9% -</td>
<td>3.1% -</td>
<td></td>
<td>2.0% -</td>
<td>12.9% 21.0%</td>
<td>1.9% -</td>
</tr>
<tr>
<td>Other or Unknown exterior Leak</td>
<td>1.6% -</td>
<td>2.0% -</td>
<td>0.8% -</td>
<td></td>
<td>3.9% -</td>
<td>3.7% 10.4%</td>
<td>1.7% -</td>
</tr>
<tr>
<td>Interior Damage</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Holes in floors</td>
<td>0.7% -</td>
<td>0.4% -</td>
<td>1.4% -</td>
<td></td>
<td>7.7% 4.7%</td>
<td>12.5% 10.7%</td>
<td>1.2% -</td>
</tr>
<tr>
<td>Open cracks or holes</td>
<td>5.1% 6.5%</td>
<td>5.1% 5.4%</td>
<td>5.1% 9.3%</td>
<td></td>
<td>14.9% 19.2%</td>
<td>44.0% 46.4%</td>
<td>8.5% 10.4%</td>
</tr>
<tr>
<td>Broken plaster or peeling paint</td>
<td>1.7% -</td>
<td>0.9% -</td>
<td>3.2% -</td>
<td></td>
<td>10.6% 4.3%</td>
<td>33.8% 27.0%</td>
<td>5.3% 3.7%</td>
</tr>
<tr>
<td>Water Leakage During Last 12 Months</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With leakage from inside structure</td>
<td>10.0% 7.4%</td>
<td>7.8% 6.4%</td>
<td>14.0% 9.6%</td>
<td></td>
<td>21.2% 5.6%</td>
<td>38.0% 41.2%</td>
<td>14.8% 9.4%</td>
</tr>
<tr>
<td>Fixtures backed up or overflowed</td>
<td>2.4% -</td>
<td>2.0% -</td>
<td>3.1% -</td>
<td></td>
<td>3.2% -</td>
<td>11.5% -</td>
<td>1.2% -</td>
</tr>
<tr>
<td>Pipes leaked</td>
<td>4.1% -</td>
<td>3.1% -</td>
<td>5.8% 5.1%</td>
<td></td>
<td>12.1% 1.5%</td>
<td>14.7% 26.5%</td>
<td>5.6% 4.8%</td>
</tr>
<tr>
<td>Broken water heater</td>
<td>0.4% -</td>
<td>0.4% -</td>
<td>0.4% -</td>
<td></td>
<td>1.6% -</td>
<td>3.4% -</td>
<td>0.6% -</td>
</tr>
<tr>
<td>Other or Unknown</td>
<td>3.5% -</td>
<td>2.6% -</td>
<td>5.1% 2.1%</td>
<td></td>
<td>5.9% 1.5%</td>
<td>10.4% 17.6%</td>
<td>7.4% 2.1%</td>
</tr>
<tr>
<td>Rodents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signs of rats in last 3 mon.</td>
<td>0.3% -</td>
<td>0.3% -</td>
<td>0.3% -</td>
<td></td>
<td>1.7% -</td>
<td>1.1% -</td>
<td>0.4% -</td>
</tr>
</tbody>
</table>
## Characteristics

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signs of mice in last 3 mon.</td>
<td>12.5%</td>
<td>6.3%</td>
<td>10.9%</td>
<td>7.3%</td>
<td>15.7%</td>
<td>10.1%</td>
<td>24.1%</td>
<td>20.9%</td>
<td>20.4%</td>
<td>10.4%</td>
<td>11.0%</td>
<td>8.2%</td>
</tr>
<tr>
<td>Signs of rodents, not sure which kind in last 3 mon.</td>
<td>0.5%</td>
<td>-</td>
<td>1.0%</td>
<td>-</td>
<td>3.4%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>2.3%</td>
<td>0.4%</td>
<td>-</td>
<td>0.3%</td>
<td>-</td>
</tr>
</tbody>
</table>

### Electrical

- **No electrical wiring:** <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%
- **Exposed wiring:** 1.5% - 1.8% - 1.1% - 5.3% - 1.4% - 2.3% - 5.1% - 3.1% - 2.4% -
- **Rooms without electric outlets:** 0.4% - 0.2% - 0.6% - 5.3% - 2.7% - 3.5% - 9.8% - 0.3% - 0.4% -
- **Fuses/breakers blown in last 3 mon.:** 9.2% - 8.5% - 10.8% - 8.8% - 6.3% - 7.8% - 17.2% - 19.3% - 16.0% - 18.8% - 8.1% - 8.7% - 8.7% - 9.2%

### Sanitation

- **Lacking complete kitchen facilities:** 0.7% - 0.2% - 1.6% - 1.6% - 41.3% - 37.3% - 0.7% - 0.4% -
- **Lacking some or all plumbing facilities:** 0.5% - 0.3% - 0.9% - 48.8% - 31.7% - <0.1% - 1.2% - 0.7% -
- **Water not safe to drink:** 5.0% - 3.7% - 7.3% - 3.6% - 1.8% - 5.8% - 8.9% - 6.8% - 4.5% - 5.6% - 4.0%
- **Water stoppage in last 3 mon.:** 3.4% - 3.5% - 3.3% - 3.8% - 9.0% - 9.6% - 2.8% - 4.5% -
- **No flush toilets working some time in last 3 mon.:** 1.7% - 1.0% - 2.8% - 1.7% - 8.4% - 14.1% - 3.2% - 1.4% -
- **With sewage disposal breakdowns in last 3 mon.:** 2.1% - 1.8% - 2.7% - 5.0% - 2.8% - 6.0% - 4.1% - 6.6% - 1.4% - 2.8% -
- **Septic tank, cesspool, chemical toilet:** 6.1% - 8.4% - 8.1% - 10.9% - 2.3% - 6.9% - 6.8% - 7.4% - 7.0% - 1.7% -
- **With septic tank or cesspool breakdowns in last 3 mon.:** <0.1% - <0.1% - <0.1% - <0.1% - <0.1% - <0.1% - <0.1% -

### HEATING/FUEL

- **Main Heating Equipment:**
  - **Warm-air furnace:** 92.3% - 93.1% - 90.8% - 88.1% - 94.3% - 92.3% - 82.6% - 92.4% - 92.8% -

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**Note:** The percentages are based on the data provided in the table and represent the proportion of properties with the respective characteristics.
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Occupied</th>
<th>Owner Occupied</th>
<th>Rental</th>
<th>Severe Problems</th>
<th>Moderate Problems</th>
<th>Below Poverty</th>
<th>Central City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam or hot water system</td>
<td>1.0%</td>
<td>0.4%</td>
<td>2.0%</td>
<td>3.5%</td>
<td>1.2%</td>
<td>1.0%</td>
<td>2.0%</td>
</tr>
<tr>
<td>Electric heat pump</td>
<td>4.4%</td>
<td>4.5%</td>
<td>4.2%</td>
<td>6.7%</td>
<td>0.1%</td>
<td>2.3%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Built-in electric units</td>
<td>0.4%</td>
<td>0.3%</td>
<td>0.7%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>1.9%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Floor, wall, or other built-in hot air without ducts</td>
<td>1.1%</td>
<td>0.9%</td>
<td>1.5%</td>
<td>&lt;0.1%</td>
<td>4.3%</td>
<td>&lt;0.1%</td>
<td>2.1%</td>
</tr>
<tr>
<td>Room heaters with flue</td>
<td>0.2%</td>
<td>0.2%</td>
<td>0.2%</td>
<td>&lt;0.1%</td>
<td>1.1%</td>
<td>0.2%</td>
<td>0.1%</td>
</tr>
<tr>
<td>Room heaters without flue</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>2.1%</td>
<td>7.4%</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>Portable electric heaters</td>
<td>0.4%</td>
<td>0.5%</td>
<td>0.2%</td>
<td>&lt;0.1%</td>
<td>1.1%</td>
<td>1.6%</td>
<td>0.7%</td>
</tr>
<tr>
<td>Stoves</td>
<td>0.1%</td>
<td>0.1%</td>
<td>0.1%</td>
<td>1.6%</td>
<td>&lt;0.1%</td>
<td>0.2%</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>Fireplace with inserts</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>0.3%</td>
</tr>
<tr>
<td>Other</td>
<td>0.2%</td>
<td>0.1%</td>
<td>0.3%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>0.4%</td>
</tr>
<tr>
<td>Cooking stove</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
<td>&lt;0.1%</td>
</tr>
</tbody>
</table>

| Water Heating Fuel |  |  |  |  |  |  |  |  |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Electricity | 25.0% | 20.7% | 17.2% | 15.4% | 39.6% | 33.1% | 28.0% | 19.3% | 18.7% | 29.2% | 23.3% | 25.5% | 24.2% | 17.7% |
| Gas, LP/bottled gas | 74.7% | 79.2% | 82.8% | 59.6% | 66.8% | 72.0% | 80.7% | 69.1% | 75.1% | 0.6% | 75.2% | 82.3% | 0.0% |
| Other | 0.3% | <0.1% | 0.7% | <0.1% | 12.2% | 0.1% | 1.6% | 0.7% |

<table>
<thead>
<tr>
<th>Clothes Dryer(,000)</th>
<th>666</th>
<th>585</th>
<th>499</th>
<th>467</th>
<th>167</th>
<th>118</th>
<th>7</th>
<th>11</th>
<th>9</th>
<th>12</th>
<th>66</th>
<th>42</th>
<th>240</th>
<th>131</th>
</tr>
</thead>
<tbody>
<tr>
<td>Have Clothes Dryer</td>
<td>85.2%</td>
<td>98.3%</td>
<td>60.9%</td>
<td>56.0%</td>
<td>84.9%</td>
<td>66.6%</td>
<td>67.0%</td>
<td>79.8%</td>
<td>73.5%</td>
<td>85.1%</td>
<td>77.6%</td>
<td>82.5%</td>
<td>75.0%</td>
<td>93.1%</td>
</tr>
<tr>
<td>Electricity</td>
<td>85.1%</td>
<td>77.6%</td>
<td>82.5%</td>
<td>75.0%</td>
<td>93.1%</td>
<td>87.9%</td>
<td>91.4%</td>
<td>79.8%</td>
<td>93.4%</td>
<td>80.6%</td>
<td>80.5%</td>
<td>68.6%</td>
<td>84.7%</td>
<td>73.0%</td>
</tr>
<tr>
<td>Gas, LP gas (liquid propane)</td>
<td>14.9%</td>
<td>22.3%</td>
<td>17.5%</td>
<td>24.9%</td>
<td>6.9%</td>
<td>12.1%</td>
<td>8.6%</td>
<td>20.2%</td>
<td>6.6%</td>
<td>19.4%</td>
<td>19.5%</td>
<td>31.4%</td>
<td>15.3%</td>
<td>27.0%</td>
</tr>
<tr>
<td>Other</td>
<td>2.3%</td>
<td>2.3%</td>
<td>2.3%</td>
<td>47.0%</td>
<td>65.3%</td>
<td>5.6%</td>
<td>5.0%</td>
<td>3.1%</td>
<td>2.6%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Heating Problems |  |  |  |  |  |  |  |  |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Uncomfortably cold for 24 hours or more last winter | 8.1% | 33.9% | 7.4% | 35.3% | 9.8% | 30.1% | 64.4% | 74.5% | 21.3% | 43.6% | 9.2% | 28.9% | 7.6% | 40.5% |
| Heating equipment breakdowns | 2.3% | 2.3% | 2.3% | 47.0% | 65.3% | 5.6% | 5.0% | 3.1% | 2.6% |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Other causes                  | 4.7%  | 28.7% | 4.6%  | 31.4% | 4.8%  | 22.5% | 6.9%  | 10.0% | 15.8% | 31.8% | 4.5%  | 23.2% | 3.6%  | 35.3% |
| Utility interruption          | 1.4%  | 25.3% | 1.8%  | 28.6% | 0.6%  | 17.4% | 4.9%  | 8.6%  | 2.1%  | 22.2% | 0.3%  | 16.7% | 1.2%  | 27.0% |
| Inadequate heating capacity   | 0.6%  | -     | 0.4%  | -     | 1.0%  | -     | 2.1%  | -     | 2.2%  | -     | 0.9%  | -     | 0.3%  | -     |
| Inadequate insulation         | 1.0%  | -     | 0.8%  | -     | 1.3%  | -     | 2.1%  | -     | 5.7%  | 2.5%  | 1.6%  | -     | 0.8%  | -     |
| Cost of heating               | 1.0%  | -     | 1.1%  | -     | 0.8%  | -     | <0.1% | -     | 1.2%  | 6.8%  | 0.7%  | -     | 0.8%  | -     |
| Other                         | 1.1%  | 6.2%  | 0.9%  | 6.4%  | 1.5%  | 5.8%  | <0.1% | 4.7%  | 6.9%  | 14.4% | 1.9%  | 8.4%  | 0.8%  | 15.1% |

SELECTED PHYSICAL PROBLEMS

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Physical Problems(,000)</td>
<td>9</td>
<td>13</td>
<td>3</td>
<td>9</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Severe physical problems</td>
<td>1.1%</td>
<td>-</td>
<td>0.7%</td>
<td>-</td>
<td>1.9%</td>
<td>-</td>
</tr>
<tr>
<td>Plumbing</td>
<td>0.5%</td>
<td>-</td>
<td>0.3%</td>
<td>-</td>
<td>0.9%</td>
<td>-</td>
</tr>
<tr>
<td>Heating</td>
<td>0.5%</td>
<td>-</td>
<td>0.3%</td>
<td>-</td>
<td>0.9%</td>
<td>-</td>
</tr>
<tr>
<td>Electric</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
</tr>
<tr>
<td>Hallways</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
</tr>
<tr>
<td>Upkeep</td>
<td>0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>0.1%</td>
<td>-</td>
</tr>
<tr>
<td>Moderate Physical Problems(,000)</td>
<td>13</td>
<td>19</td>
<td>4</td>
<td>8</td>
<td>9</td>
<td>11</td>
</tr>
<tr>
<td>Moderate physical problems</td>
<td>1.6%</td>
<td>-</td>
<td>0.7%</td>
<td>-</td>
<td>3.3%</td>
<td>5.1%</td>
</tr>
<tr>
<td>Plumbing</td>
<td>0.1%</td>
<td>-</td>
<td>0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
</tr>
<tr>
<td>Heating</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>1.6%</td>
</tr>
<tr>
<td>Upkeep</td>
<td>0.7%</td>
<td>-</td>
<td>0.2%</td>
<td>-</td>
<td>1.6%</td>
<td>-</td>
</tr>
<tr>
<td>Hallways</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>-</td>
<td>&lt;0.1%</td>
<td>0.4%</td>
</tr>
<tr>
<td>Kitchen</td>
<td>0.9%</td>
<td>-</td>
<td>0.5%</td>
<td>-</td>
<td>1.6%</td>
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</table>

OVERALL OPINION OF STRUCTURE
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Occupied</th>
<th>Owner Occupied</th>
<th>Rental</th>
<th>Severe Problems</th>
<th>Moderate Problems</th>
<th>Below Poverty</th>
<th>Central City</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (worst)</td>
<td>0.6%</td>
<td>-</td>
<td>0.2%</td>
<td>-</td>
<td>1.4%</td>
<td>-</td>
<td>3.3%</td>
</tr>
<tr>
<td></td>
<td>0.1%</td>
<td>&lt;0.1%</td>
<td>0.3%</td>
<td>&lt;0.1%</td>
<td>1.6%</td>
<td>2.2%</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>0.5%</td>
<td>0.5%</td>
<td>0.6%</td>
<td>-</td>
<td>3.3%</td>
<td>-</td>
<td>1.1%</td>
</tr>
<tr>
<td>3</td>
<td>0.8%</td>
<td>0.2%</td>
<td>1.9%</td>
<td>-</td>
<td>1.8%</td>
<td>-</td>
<td>2.4%</td>
</tr>
<tr>
<td>4</td>
<td>5.4%</td>
<td>6.4%</td>
<td>4.9%</td>
<td>-</td>
<td>6.3%</td>
<td>10.2%</td>
<td>5.3%</td>
</tr>
<tr>
<td>5</td>
<td>4.7%</td>
<td>5.9%</td>
<td>2.9%</td>
<td>-</td>
<td>7.9%</td>
<td>9.0%</td>
<td>2.3%</td>
</tr>
<tr>
<td>6</td>
<td>14.4%</td>
<td>-</td>
<td>13.3%</td>
<td>12.0%</td>
<td>16.5%</td>
<td>17.8%</td>
<td>24.5%</td>
</tr>
<tr>
<td>7</td>
<td>29.6%</td>
<td>27.5%</td>
<td>28.4%</td>
<td>-</td>
<td>31.8%</td>
<td>26.5%</td>
<td>16.4%</td>
</tr>
<tr>
<td>8</td>
<td>15.6%</td>
<td>14.6%</td>
<td>17.0%</td>
<td>15.8%</td>
<td>13.1%</td>
<td>11.8%</td>
<td>5.9%</td>
</tr>
<tr>
<td>9</td>
<td>28.2%</td>
<td>29.7%</td>
<td>32.6%</td>
<td>-</td>
<td>20.2%</td>
<td>-</td>
<td>37.3%</td>
</tr>
</tbody>
</table>

See [http://nchh.org/Training/HealthyHomesTrainingCenter/AHSData.aspx](http://nchh.org/Training/HealthyHomesTrainingCenter/AHSData.aspx) for more info.