The Sprawl Index
Norfolk-Virginia Beach-Newport News, VA

Overall Sprawl Index Score: 95.63
ranking it 37th most sprawling of 83 metro areas measured.
A lower score on the index indicates a greater degree of sprawl. The average score for all metros ranked is 100. A lower score indicates below average conditions among these 83 U.S. metro areas: for example, less compact housing, a poorer mix of homes and jobs, poor street connectivity, or weaker than average town centers. A score above 100 indicates above average performance, when compared to the other metro areas ranked. Most metro areas score between 50 and 150 on the scale.

What Makes a Place Sprawling:
The sprawl index measured sprawl in four ways. Below are index scores for this metro area. See the report for a full explanation of each factor.

<table>
<thead>
<tr>
<th>Sprawl Factor</th>
<th>Index Score</th>
<th>Ranking out of 83 (most to least sprawling)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Density Factor</td>
<td>95.01</td>
<td>45</td>
</tr>
<tr>
<td>Mix of homes, jobs &amp; services</td>
<td>87.17</td>
<td>26</td>
</tr>
<tr>
<td>Strength of town centers/downtowns</td>
<td>81.98</td>
<td>19</td>
</tr>
<tr>
<td>Accessibility of street network</td>
<td>113.06</td>
<td>59</td>
</tr>
</tbody>
</table>

The Four Factors of Sprawl
The Impact of Sprawl:
Outcomes Affected by Sprawl in Norfolk

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak 8-hour ozone level (parts per billion)</td>
<td>94</td>
</tr>
<tr>
<td>Fatal accidents per 100,000 persons</td>
<td>7.21</td>
</tr>
<tr>
<td>Daily Miles Driven per person (DMVT)</td>
<td>23.00</td>
</tr>
<tr>
<td>Average number of vehicles per household</td>
<td>1.72</td>
</tr>
<tr>
<td>Percent of commuters using Transit</td>
<td>1.97%</td>
</tr>
<tr>
<td>Percent of commuters walking to work</td>
<td>2.81%</td>
</tr>
<tr>
<td>Average commute time, in minutes</td>
<td>23.76</td>
</tr>
<tr>
<td>Average annual traffic delay, in hours</td>
<td>11.61</td>
</tr>
</tbody>
</table>

2000 Population: 1,512,416

MSA is Metropolitan Statistical Area. For more information on MSAs, PMSAs, CMSAs, and NECMAs, see the Census Bureau.