

## TRIP Grading Scale

The following scale is used to rate key components of a region's road, highway and bridge network. The following are the variables used for individual ratings:

**Roads:** The percentage of roads in poor or mediocre condition. The number corresponding to the actual percentage of roads rated in poor condition is doubled for scoring purposes. Thus a region with 10 percent roads rated poor and 10 percent of roads rated in mediocre condition would get a score of 30 for rating purposes. Other factors such as status of a region's pavement maintenance program may also be considered in grading.

**Bridges:** The percentage of bridges which are structurally deficient and functionally obsolete. The number corresponding to the percentage of bridges which are structurally deficient is doubled for scoring purposes. Thus a region with 10 percent of its bridges rated structurally deficient and 10 percent rated functionally obsolete would get a score of 25 for rating purposes. Other factors such as status of a region's bridge maintenance program or the need for the construction, replacement or reconstruction of a significant bridge or bridges may also be considered in grading.

**Congestion:** The percentage of urban highways which are considered congested. Highways are considered congested if their volume of traffic is rated either D, E or F in terms of standardized level of service ratings or if their traffic volume is 0.8 or higher on the volume-service-flow ratio, which compares traffic levels to a road or highways total maximum design capacity. Additional data such as congestion on key routes or anticipated increases in traffic volume may also be reflected in the grades.

**Safety:** The annual number of traffic fatalities per 100,000 persons. Additional information such as a region's fatality rate per 100 million vehicle miles of travel and differences between urban versus rural routes, and routes with high crash rates may also be reflected in the grade.

	<b>Pavement</b>	<b>Bridges</b>	<b>Congestion/ Percent Congested</b>	<b>Congestion/ TTI</b>	<b>Safety/per 100K</b>	<b>Safety/per 100 M VMT</b>
<b>A</b>	<b>0-15</b>	<b>0-11</b>	<b>0-10</b>	<b>0 - .80</b>	<b>0-3</b>	<b>0-0.79</b>
<b>B</b>	<b>16-30</b>	<b>12-22</b>	<b>11-25</b>	<b>.81- 1.00</b>	<b>4-6</b>	<b>.80 – 1.19</b>
<b>C</b>	<b>31-45</b>	<b>23-33</b>	<b>25-40</b>	<b>1.01 – 1.20</b>	<b>7-9</b>	<b>1.20 – 1.39</b>
<b>D</b>	<b>46-60</b>	<b>34-44</b>	<b>41-60</b>	<b>1.21 - 1.40</b>	<b>10-12</b>	<b>1.40 – 1.59</b>
<b>F</b>	<b>61+</b>	<b>45+</b>	<b>61+</b>	<b>1.41+</b>	<b>13+</b>	<b>1.60 +</b>