

Interstate Congestion in Iowa

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Performance measures are an effective way to monitor trends and to assist in making short and long-term decisions. To assist the Iowa DOT in identifying challenges, mobility and reliability performance measures are calculated on a monthly basis then visualized in an interactive online tool. The tools are used by the DOT to determine where congestion is occurring as well as when it is occurring (time of day, month, etc). The measures use probe data to calculate delay cost, congested hours (speed less than 45mph) and the buffer time index on all of the major interstate corridors in Iowa. All measures are calculated with the ability to aggregate based on time of day, day of week, month, and year.

This presentation will show the interactive dashboards used to report interstate congestion in Iowa as well as the methodology used to estimate delay cost using probe data

Keywords: Probe Data, Congestion, Performance Measures