


# Crash rate by number of BASiCs in status

2x National Average (6.86)

This graph provides results from the SMS ET model, which was used to assess the effectiveness of the proposed enhancements. For the number of BASiCs in  status, the graph shows the overall crash rate of truck and bus companies prioritized by FMCSA for intervention in one or more BASiCs. These crash rates were calculated on a national scale and do not indicate or predict a crash rate of an individual carrier. The crash rate is the number of crashes per 100 trucks and buses.

An example: motor carriers included in the updated SMS ET with two BASiCs in  status had an average crash rate of 5.88 crashes per 100 trucks and buses.

National Average (3.43)

Zero Crashes

Crash Rate

2.74

4.62

5.88

6.62

8.42



0



1



2



3-4



5+

Number of BASiCs at or above the threshold and/or with investigation violations, including Serious Violations e.g., Acute and Critical Violations