

SKOR (Skills on the Road) :

Overall safety measure of your driving skills on a scale from 0 to 100. SKOR is an average of the 3 sub-categorical SKORs: Speed, Focus, and Guard. Having a high SKOR means that you are driving in a manner that maximizes the safety of yourself and all the vehicles around you.

Example of driving patterns analyzed:

- Maintaining a safe distance from car in front
- Responding to FCW alerts
- Avoid driving in contextual environments when driving is most dangerous, such as high traffic at night

SKOR

95

Safe | Focus | Speed

Guard SKOR:

Indicates how well a person is driving to protect themselves from accidents and promote vehicle long-term health. It is generated from an exponential function of the collision_mileage / mileage, and multiplying by the average of multiple weighted categories such as reaction to prewarn and distance from front car as it reduces speed. Having a high guard SKOR means that you are driving in a manner that maximizes your own safety.

How to improve your Guard SKOR:

- Avoidance of aggressive behaviors such as tailgating, sudden braking and accelerating.
 - Vehicle health can also be identified through sudden braking/accelerations and engine warm-up time.

Focus SKOR:

The level of concentration the driver is showing through his/her driving behavior. Having a high focus SKOR means that you are driving in a manner that maximizes the safety of the vehicles to the left and right of you. The Focus SKOR can be thought of as a Gaussian function that relies primarily on bias, where 0 has the highest and 5 and -5 have the lowest. Also, lane straddling is taken into consideration by lowering the maximum possible Focus SKOR.

How to improve your Focus SKOR:

- Stay in the center of lane and positive responses to reduce LDW
- Avoid lane straddling (staying on lane marking greater than 5 seconds)

Speed SKOR:

Demonstrates how well a person is driving in terms of contextual speed compared to traffic. The Speed SKOR function primarily relies on the “relative speed” (vehicle’s speed - front vehicle’s speed). A Gaussian function is used to generate the Speed SKOR, which is adjusted with the standard deviation. Having a high speed SKOR means that you are driving in a manner that maximizes the safety of the vehicles in front and behind you.

How to improve your Speed SKOR:

- Stay at or near the speed of traffic.
- On the highway avoid excessive speeds (even when there is no traffic)

