

How drivers say they will use self-driving vehicles



The Traffic Injury Research Foundation surveyed more than 2,500 Canadian drivers about Self-Driving Vehicles (SDVs).

Safety concerns

Here's what drivers had to say: A majority of drivers are concerned about the proven safety of SDVs and will wait to see how these vehicles perform in real world conditions before using one.



1 in 3 drivers (28%) would feel safe driving an SDV.



A majority (**70%**) would not use a limited self-driving vehicle today if it were available.

Misperceptions

Misperceptions about capabilities of SDVs will negatively influence driver behaviour:



16% of Canadians did not think they would need to pay attention to driving.



1/3 of drivers believe an SDV can perform better than them in an emergency or bad weather.

Anticipated Driving Habits

Drivers anticipate their driving habits would become less safe in an SDV:



Drivers would **turn off** the **self-driving features** if the style of driving does not match their preferences.



Drivers would pay less attention and take more risks on the road:
24% would drive drowsy
17% would drive distracted
10% would nap at the wheel
9% would drive impaired



If drivers were running late for an appointment:
35% would turn off SDV systems to speed
13% would turn it off to run red lights

Get the facts

- SDVs still require drivers to quickly take over driving in complex road environments when vehicles cannot process information from sensors.
- SDVs cannot currently perform consistently in high-risk driving conditions when drivers would most like to use them.
- SDVs can only navigate on roads that are precisely mapped using specialized GPS technology (much more detailed than regular GPS).
- SDVs are not yet able to drive in rain or snow, poor road conditions, or construction zones.

Education is essential to inform drivers about the limits of self-driving vehicle technology, and the need to continue to pay attention behind the wheel.

Visit brainonboard.ca to learn more.



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