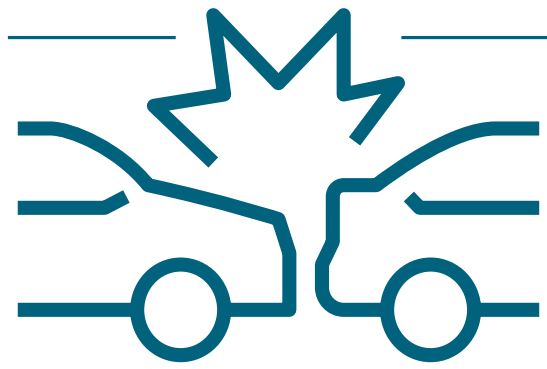
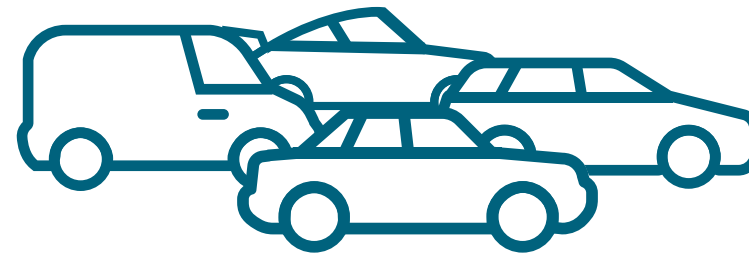


### US weather impact facts\*



- 22% of all crashes are weather-related
- Annual cost is \$53B (\$193 per vehicle)

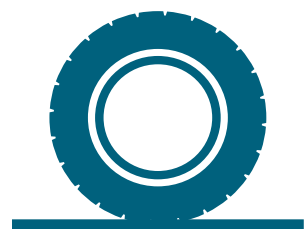


- 23% of highway congestion is weather-related
- Annual cost is \$87B (\$315 per vehicle)

- 6,000 fatalities and 445,000 injuries per year are weather-related
- Each non-fatal traffic accident costs \$61,600 on average



### Vaisala road weather insights



**Driveability**  
Temperature and friction

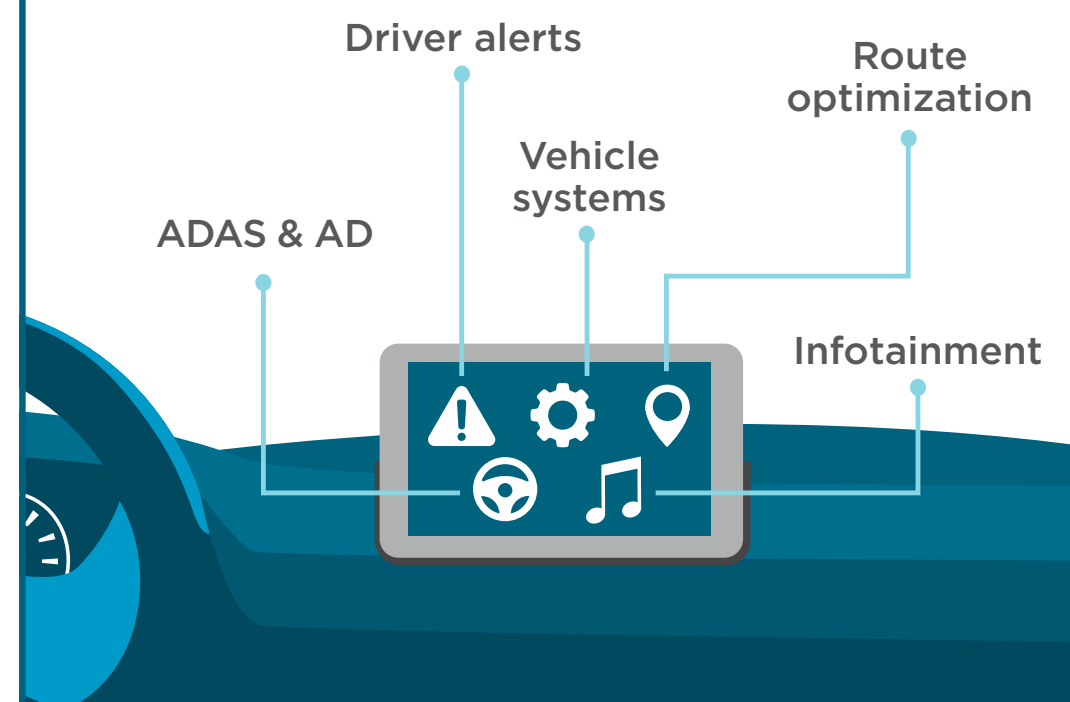


**Surface conditions**  
Dry, wet, snow and ice on the road



**Visibility**  
Rain, snow and fog

### Road safety and information services



### Value for drivers

#### Accidents

- Road weather aware vehicles can reduce accidents by avoiding certain road conditions
- Intelligent alerts can reduce accidents by helping drivers adapt their driving style

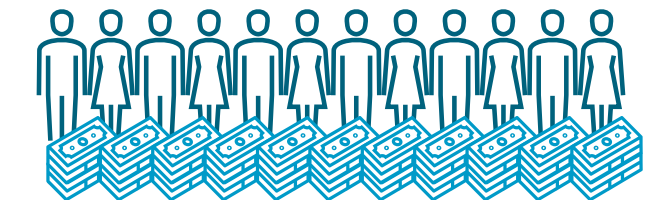
#### Congestion

- Road weather aware navigation systems can reduce drive times and improve the driver experience



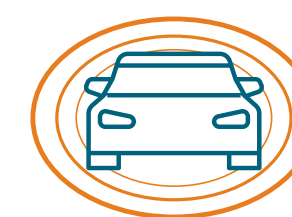
#### Costs

- Better road safety and fewer accidents can save thousands of lives and billions of dollars per year



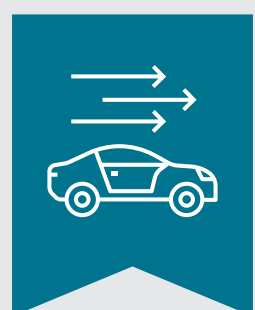
#### Safety

- Greater awareness and preparation can lead to fewer fatalities and injuries



## Vaisala is here to help

From sensors to systems and digital services, Vaisala gives road stakeholders unrivaled road network visibility and decision support — so everyone can keep moving toward better, more insightful ways of operating. We are recognized experts in transportation, and we continue to channel our curiosity into new ways of making roadways safer and more efficient than ever — as reflected in our guiding principles:



**Move ahead**



**Mobility and beyond**



**The innovators**



**See, understand, decide**