

# COVID-19's real possible effects on the Auto/Mobility Industry

## How might COVID-19 contribute to increased auto buying?

People may choose to move away from **dense cities** with their perceived danger from contagion requiring the purchase of a personal vehicle for essential sub-urban or rural mobility



Public transportation use was down

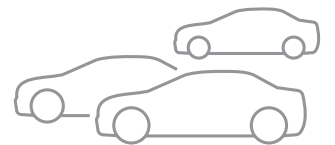
**90%**

during the pandemic peak; which may ultimately push people towards personal car ownership



**Higher divorce rates**

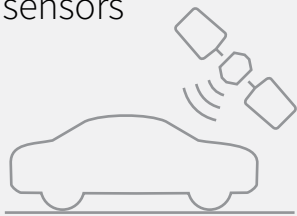
due to COVID-19 forced quarantine measures could potentially translate into a one-car family becoming two one-car families



## How might COVID-19 contribute to new disruptive trends?

**Track and Trace**

initiatives might birth new use cases for LiDAR sensors



Contagion fear from touching

**fuel pumps**

may increase EV purchases that you can charge at home



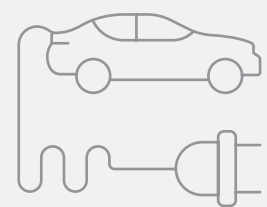
**Mobility-as-a-service**

and Robotaxi use cases have expanded from moving people to moving goods.



Electric vehicles could help simplify the

**supply chain**



## How has COVID-19 affected the auto industry detrimentally?

Work from home reduces vehicle miles travelled and therefore vehicle wear and tear is down reducing the need for **replacement parts**



Lock-downs reduced vehicle traffic leading to people embracing active mobility modes such as

**walking and cycling**



Mobility-as-a-service industry has been hit hard with reductions between

**75-80%**



Noticeable reduction in **vehicle accidents**

has reduced the need to replace damaged vehicles during the pandemic

