

Title:	Fewer car owners, more ride sharing: the future, with driverless cars
Source:	ABC's The World Today
Minutes:	3:45
Audio & Script:	http://www.abc.net.au/worldtoday/content/2016/s4510897.htm
Summary:	Some road transport experts predict that in the future a large number of people will be using driverless cars to get around.
Interviewee(s)	<ul style="list-style-type: none"> Gerard Waldron, managing director of the Australian Road Research Board

KEY WORDS

Below is a list of words which appear in the report - which ones don't you know or you are unsure what they mean?

- | | | |
|---|--|---|
| <input type="checkbox"/> on the agenda (n) | <input type="checkbox"/> adjacent vehicle (adj) | <input type="checkbox"/> misery (n) |
| <input type="checkbox"/> mainstream cars (adj) | <input type="checkbox"/> merging vehicle (v) | <input type="checkbox"/> congestion (n) |
| <input type="checkbox"/> engaged in the task (adj) | <input type="checkbox"/> aspects of the car (n) | <input type="checkbox"/> glimpse into the future (n) |
| <input type="checkbox"/> vigilant (adj) | <input type="checkbox"/> presumably (adv) | |
| <input type="checkbox"/> distracted driving (adj) | <input type="checkbox"/> modest price (adj) | |



DEFINITION MATCH

Can you match the words with their correct definition? Use a dictionary to help you if you aren't sure.

a particular part or feature of something	
crowding, overcrowding	
great distress, discomfort or unhappiness	
I expect, very likely	
inattentive, unfocussed, absent-minded	
join, come together	
list of things to be discussed or addressed at a meeting	
look, brief look or insight, peek	
low, not large	
next to, beside, alongside	
normal, conventional	
participate in, occupied with, involved with	
watchful, alert, observant	

on the agenda (n)
mainstream cars (adj)
engaged in the task (adj)
vigilant (adj)
distracted driving (adj)
adjacent vehicle (adj)
merging vehicle (v)
aspects of the car (n)
presumably (adv)
modest price (adj)
misery (n)
congestion (n)
glimpse into the future (n)

SUMMARY

Some road transport experts predict that in the future a large number of people will be using driverless cars to get around.

FOCUS QUESTIONS

- How do driverless cars operate?

- How will driverless cars change our lives? What will be some of the personal, economic and environmental benefits? Brainstorm some ideas and note them down below.

ADVANTAGES OF DRIVERLESS CARS

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LISTENING

Listen to the report and check / add to your notes

After listening to the report, try to complete the following sentences

- We will start to see cars without steering wheels by ...

- 90 per cent of the death and injury on our roads is ...

- The cost per year to the Australian community of death and injury on our roads is ...

- We have seen a big rise in people driving while ...

- Once cars without steering wheels start appearing, the only thing a human will have to do is ...

- The most difficult disruption from driverless cars will be faced by ...

- In the future, the number of cars on Australia's roads compared to now will be ...

CLOZE

Use the words to complete the sentences

The form of the word may need to be changed

agenda	mainstream	engaged	vigilant	distracted
adjacent	merging	aspects	presumably	
modest	misery	congestion	glimpse	

- After her husband lost his job, the family had to survive on the woman's income from her part time work as an accountant.
- After the warning of a possible terrorist attack was issued, the country's leader said people shouldn't be fearful but they needed to maintain and report any suspicious behaviour to authorities.
- All passengers and crew aboard the plane that crashed into a mountain in thick jungle were dead.
- Before the meeting, all the managers were informed in writing of what items would be on the and they were invited to suggest other points to be included for discussion.
- In an interview after winning his third straight race, the F1 driver said he and the team had worked hard this season to improve all of the car's performance and they were extremely happy with the results.
- New research showed that using a mobile phone whilst driving is highly and potentially as dangerous as drink driving.
- Smartphones have existed for over 20 years but only became devices after the first iPhone was released in 1997.
- The exhibition provided a into what everyday life would have been like in Ancient Rome.
- The politician said the government was looking at introducing a tax during peak hours to reduce the number of cars and trucks entering the city centre and increase travel speeds.
- The students doing the exam complained about the loud noise coming from the room.
- The university was in research looking at the economic and social impacts of driverless cars.
- The war in Iraq has caused a huge amount of suffering and for millions of people.
- Vehicles driving on the highway were forced to into a single lane due to road works.

ANSWERS

Suggested notes from the report:

- Fewer crashes, deaths and injuries than human driven cars
- The cost of a ride will be a lot less than a taxi
- People won't have to own a car
- Less congestion
- Electric vehicles will produce fewer emissions
- Can do something better with our time

- We will start to see cars without steering wheels by the end of this decade.
- 90 per cent of the death and injury on our roads is the result of human error.
- The cost per year to the Australian community of death and injury on our roads is \$27 billion.
- We have seen a big rise in driving while distracted, e.g. people looking at their phone instead of watching where they're going
- Once cars without steering wheels start appearing, the only thing a human will have to do is tell it where you want it to take you (and pay).
- The most difficult disruption will be faced by car manufacturers.
- The number of cars on Australia's roads compared to now will be around a third.

a particular part or feature of something	aspects
crowding, overcrowding	congestion
great distress, discomfort or unhappiness	misery
I expect, very likely	presumably
inattentive, unfocussed, absent-minded	distracted
join, come together	merging
list of things to be discussed or addressed at a meeting	agenda
look, brief look or insight, peek	glimpse
low, not large	modest
next to, beside, alongside	adjacent
normal, conventional	mainstream
participate in, occupied with, involved with	engaged
watchful, alert, observant	vigilant

1. After her husband lost his job, the family had to survive on the woman's **modest** income from her part time work as an accountant.
2. After the warning of a possible terrorist attack was issued, the country's leader said people shouldn't be fearful but they needed to maintain **vigilance** and report any suspicious behaviour to authorities.
3. All passengers and crew aboard the plane that crashed into a mountain in thick jungle were **presumed** dead.
4. Before the meeting, all the managers were informed in writing of what items would be on the **agenda** and they were invited to suggest other points to be included for discussion.
5. In an interview after winning his third straight race, the F1 driver said he and the team had worked hard this season to improve all **aspects** of the car's performance and they were extremely happy with the results.
6. New research showed that using a mobile phone whilst driving is highly **distracting** and potentially as dangerous as drink driving.
7. Smartphones have existed for over 20 years but only became **mainstream** devices after the first iPhone was released in 1997.
8. The exhibition provided a **glimpse** into what everyday life would have been like in Ancient Rome.
9. The politician said the government was looking at introducing a **congestion** tax during peak hours to reduce the number of cars and trucks entering the city centre and increase travel speeds.
10. The students doing the exam complained about the loud noise coming from the **adjacent** room.
11. The university was **engaged** in research looking at the economic and social impacts of driverless cars.
12. The war in Iraq has caused a huge amount of suffering and **misery** for millions of people.
13. Vehicles driving on the highway were forced to **merge** into a single lane due to road works.