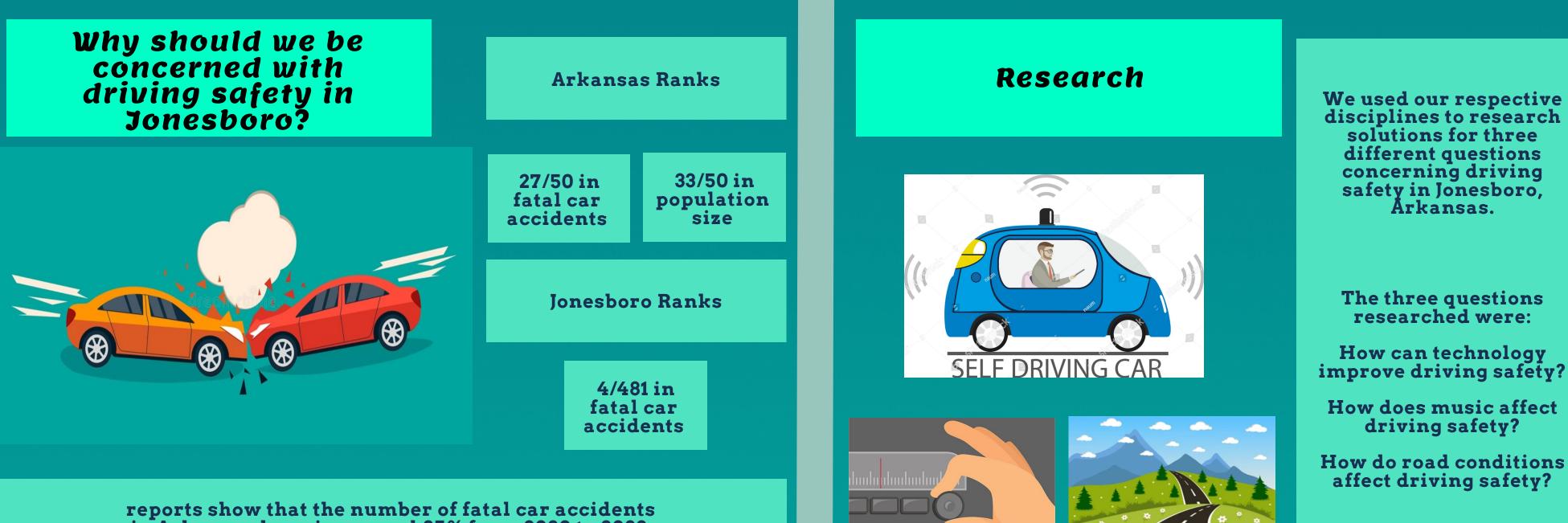
# Driving Safety In Jonesboro Arkansas

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in Arkansas have increased 25% from 2020 to 2022



1. Ideally, the implementation of affordable fully autonomous vehicles for common use would be the number one solution.

2. This is because vehicles don't get tired, drunk, angry, or impaired in any other fashion. This would be near perfect for most drivers, especially the elderly. 3. There are still a number of issues that need to be overcome before this could happen. Some of these issues being the mistrust of fully autonomous vehicles, the likely loss of jobs for people like uber drivers, and the price tag.

4.Nidhi Karla, a senior information scientist at the RAND Corporation, and Susan M. Paddlock, the chief statistician and executive vice president of NORC at the University of Chicago, approached the issue of proving the safety of autonomous vehicles with the standards means of driving. They concluded that it was not possible to prove autonomous driving safety before release, even with the use of a large number of methods. There are too many variable that go into driving

5. Due to these issues, it seems that semiautonomous vehicles (and other similar technology) is the idea solution for the time being.

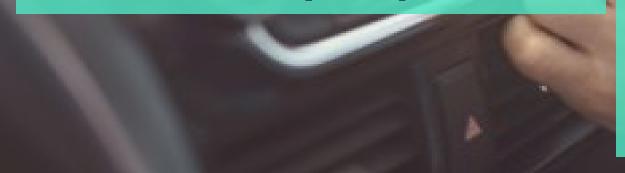
**6.** A reporter for Fox News explained that "About 57% of respondents said features like automatic emergency braking, blindspot warning, and lane keeping asstance have helped prevent collisions...

### **The Musical Solution**

1. It's generally found that music that leans on the heavier side, a la rock music, alternative, rap, et cetera, causes generally more erratic behavior than genres like pop or RnB which lead to a distinctly happier driving environment. One such study focused specifically on the correlation between different musical factors and speed infringements. It found that generally, driving with no music has a 4.18% chance of a speed infraction, and a 0.48% chance of a speed infraction. Driving with music has a chance of 7.35%, and an added 2.74% Or 6.06% can be added to that accounting for sad and happy music respectively







2. Tempo has a greater effect on response time than mental effort however. As a general rule, response time is always better without music, so that is the baseline. But with music, once you begin to raise the BPMs (Beats per minute) ever so slightly, response time gradually gets worse.



#### **The Road Improvement Solution**



1. Applying prestress technology in all aspects of road construction will ensure not only the strength but also the bearing capacity of roads and bridges. It also has an effective control of water comsumption during construction.

2. The maintenance of roads and bridges should be paid more attention and investment than building new ones. 3. Apply evaluation of road repair efficiency method to determine the appropriate measures for the properties and conditions of roads, and reasonable and balanced financial evaluation for each construction.

## **Conclusion**

We have researched multiple questions regarding driving safety and have each found different solutions regarding our specific questions: how can technology improve driving safety, how does music affect driving safety, and how do road conditions affect driving safety. After comparing each of our solutions, we found a common denominator – lack of self-awareness and failure to follow basic driving rules. A majority of incidents that occur are usually due to someone forgetting to turn on their blinker, listening to music too loud and driving too fast, or getting angry and making a foolish decision. We believe that by implementing our solutions and raising awareness of how simple fixes could save lives, the number of fatal automobile accidents that occur in Jonesboro would likely decrease.

# Work Cited

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