

Adoption of alternative drives in Germany

AMSE-Report 2023

Why this question?

- Electric and hybrid cars are becoming more and more common
- But does that mean traditional drives are used less?

Goal:

Get a general feeling how the distribution of cars in Germany has developed over the last years

Used Datasets

- „FZ 10“-report from the KBA 2018-2023
 - Number of newly registered cars sorted by brand, model and drive
 - Used to find a general trend in Germany
- „FZ 28.9“-report from the KBA 2021-2023
 - Number of newly registered cars sorted by drive and federal state
 - Used to check if the identified trend is representative for Germany

What did I find?

In the last 5 years the number of new cars with an alternative drive has increased, while the number of cars with traditional drives has decreased.

What did I find?

Figure 1: Distribution for the different types of drives from 2018 - 2022

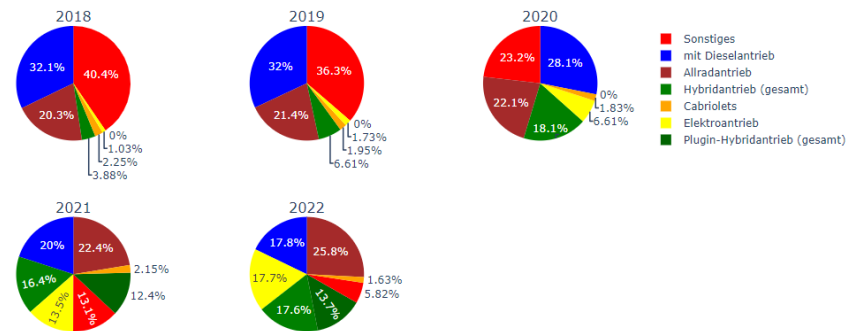
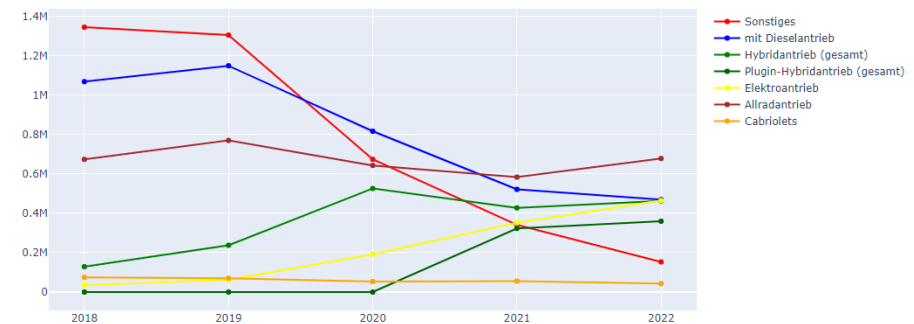


Figure 2: Number cars with certain drives from 2018 - 2022



What did I find?

This trend is not limited to certain federal states!

What did I find?

Figure 4: Heatmap for the distribution of different drives in 2021

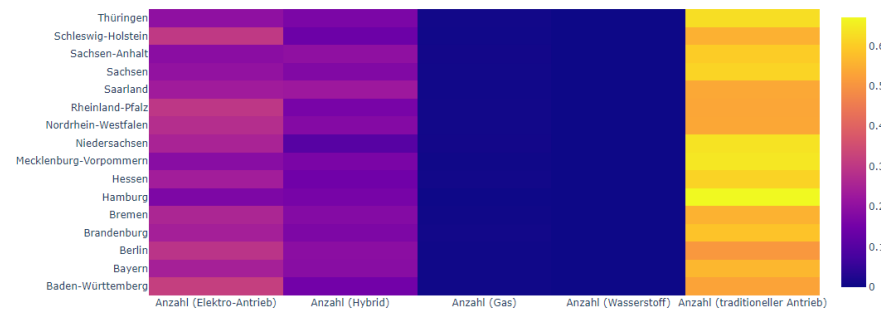
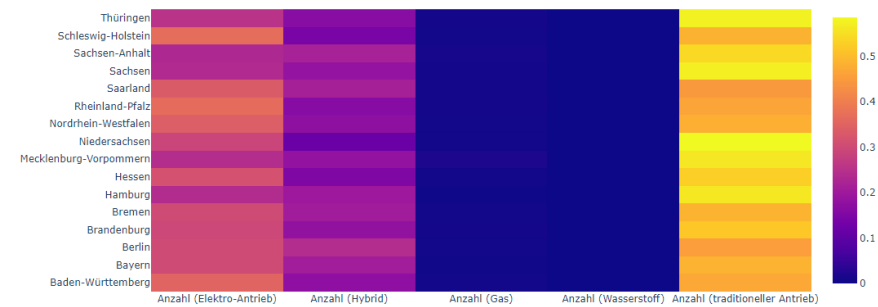


Figure 5: Heatmap for the distribution of different drives in 2022



Thank you!

The complete report is available on GitHub:

<https://github.com/prebbe/2023-amse/blob/main/project/report.html>