

E-Cars in Germany

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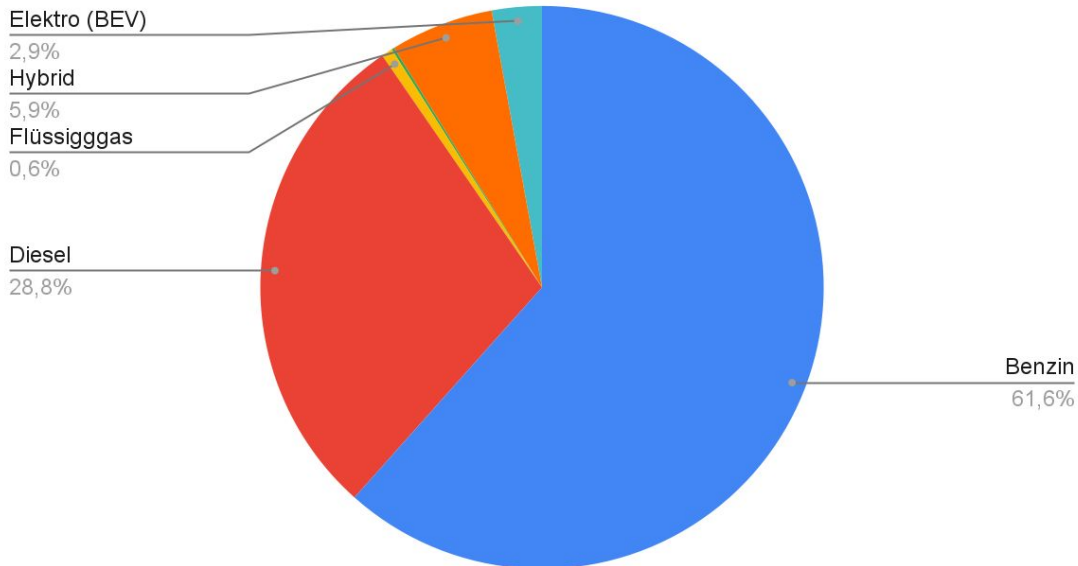
Current market E-cars



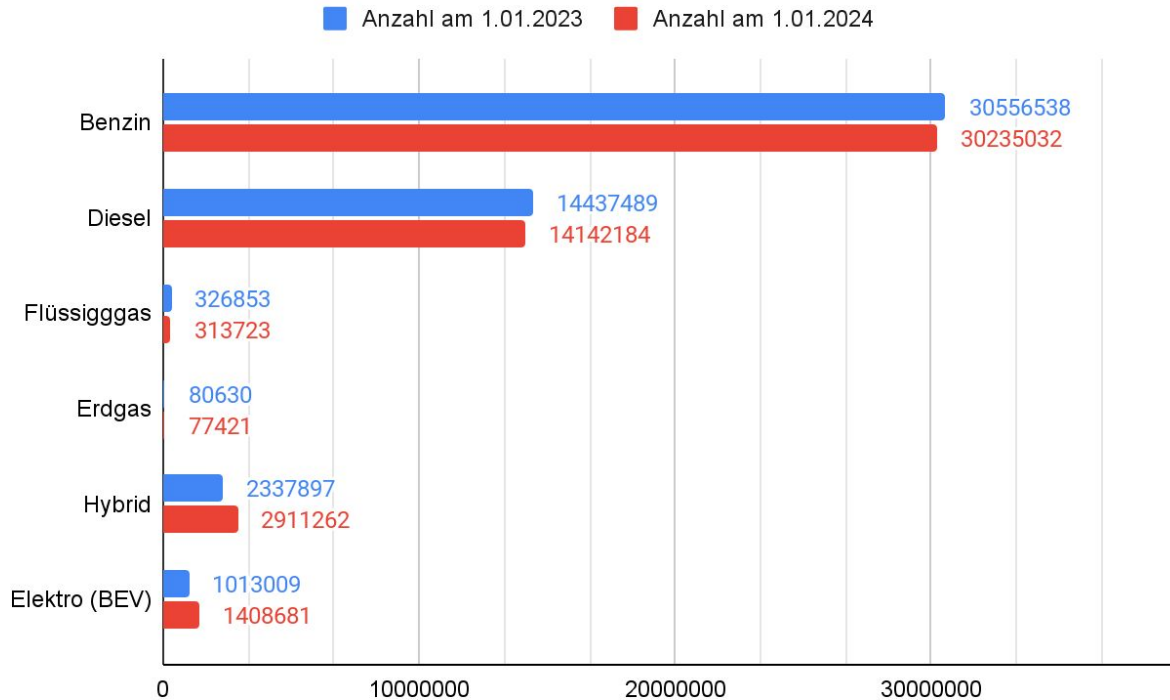


Inventory Cars 01.01.2024

Bestand Antriebsart am 1. Januar 2024

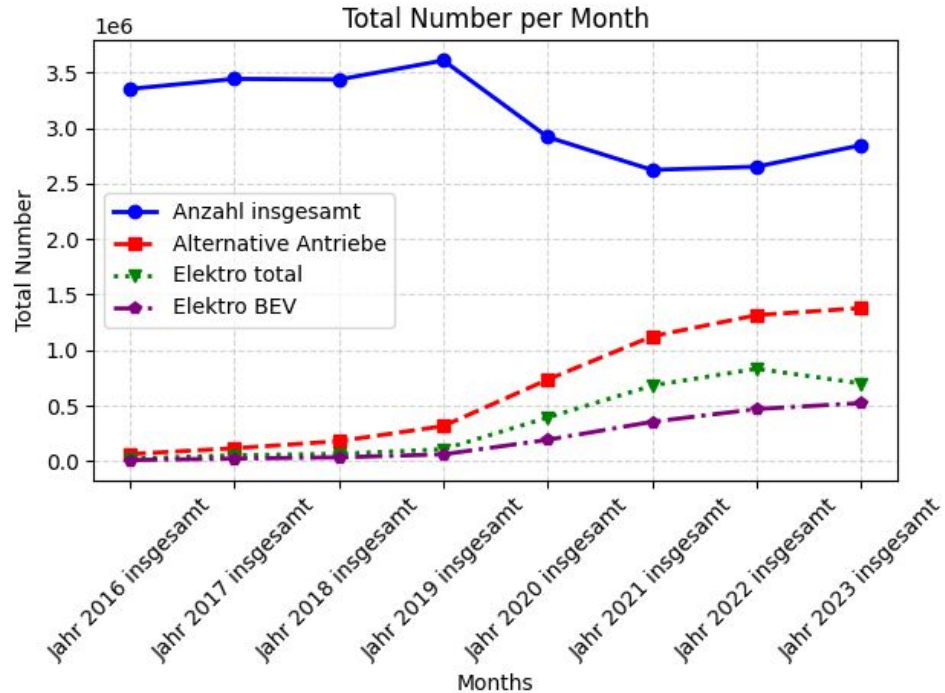


Inventory Cars Jan 2023 vs 2024

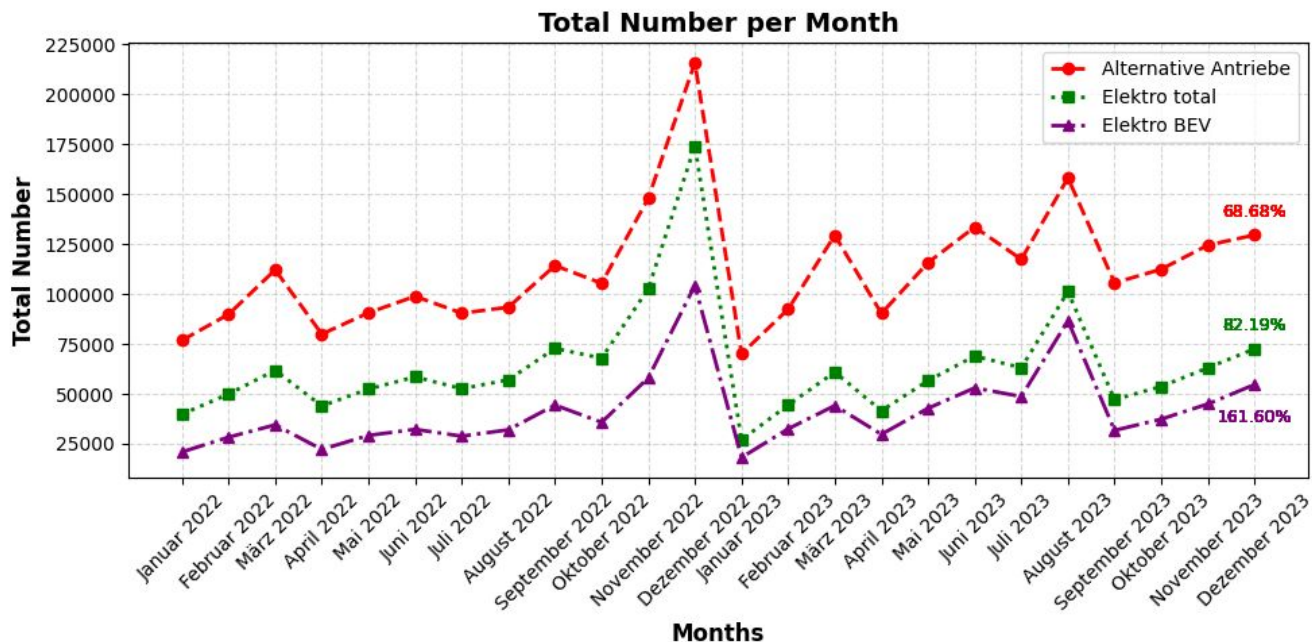


Sources : Data KBA, own graph

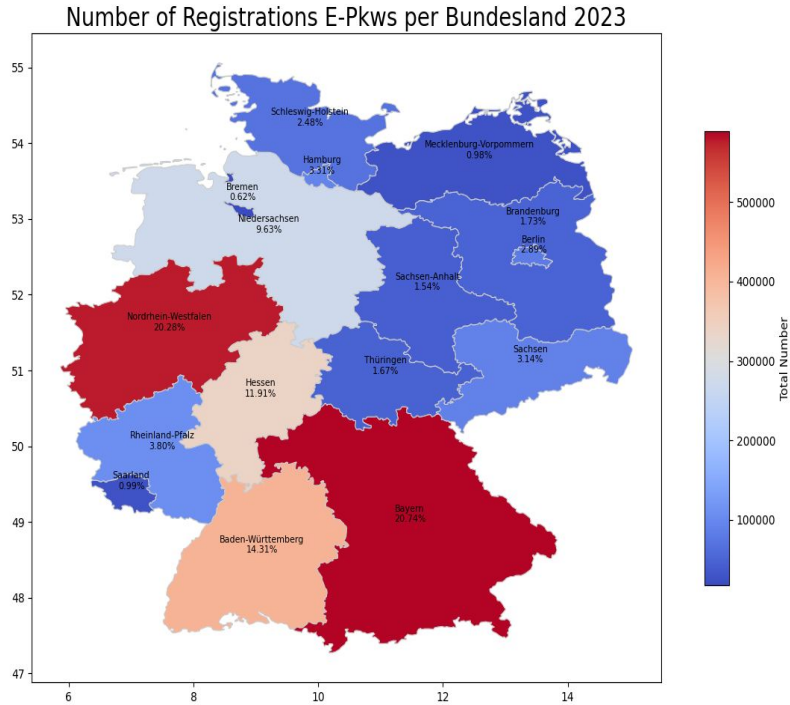
E-cars new registrations since 2016



E-cars new registrations



New registrations E-cars 2023



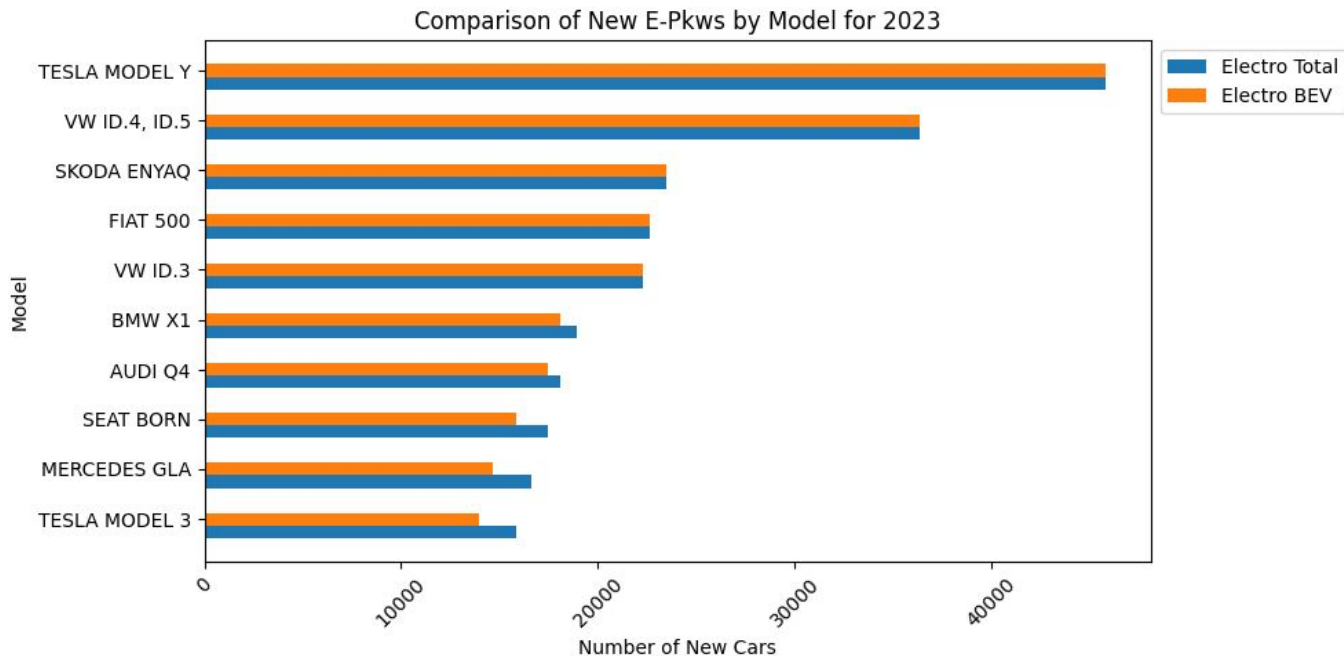


Factors: Models & Prices





Models



Sources : Data

https://eco-auto.info/products/passenger_cars_electric?qad_source=1&qclid=CjwKCAjwnv-vBhBdEiwABCYQA5i8RXGm8XJNPtx4fqm-NNIKbqPyBQ7PTaVBoyCM7S_dWNeg9k6J9RoCL9EQAvD_BwE&_togaf7f570a=all , own graph



Prices Top 10 Models E-Cars

29 490 Euro

42 245 Euro

55 000 Euro





Charging infrastructure

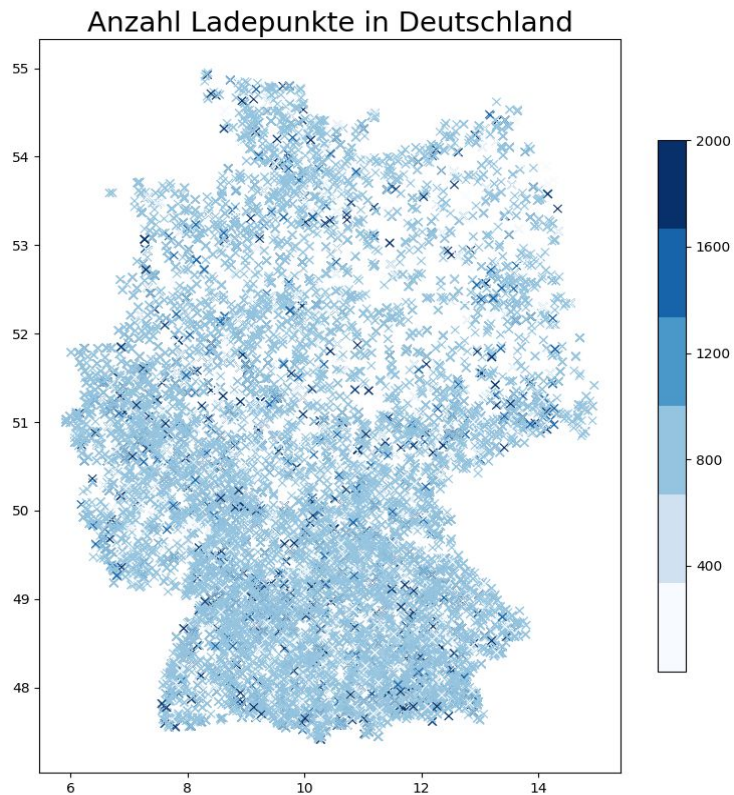




Charging infrastructure

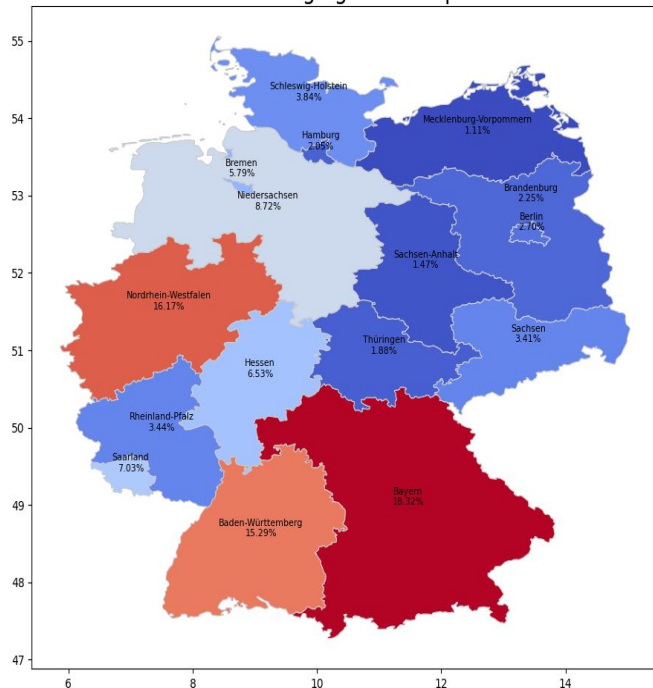
87.155 Standard charging points
21.111 Quick charging points

⇒ 1. October 2023

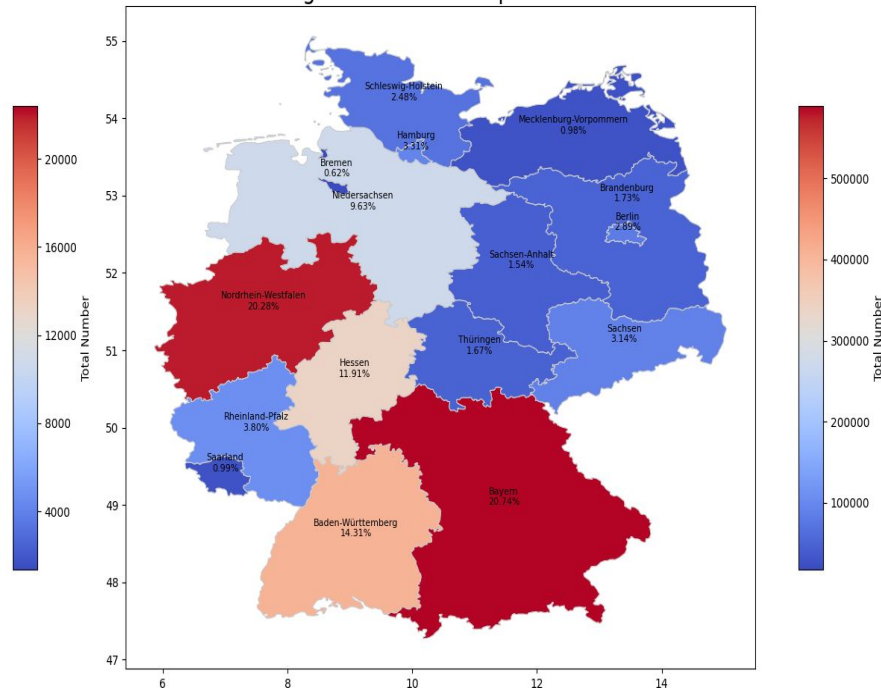


Charging Infrastructure (anno 1.10.23)

Total Number of Charging Stations per Bundesland



Number of Registrations E-Pkws per Bundesland 2023

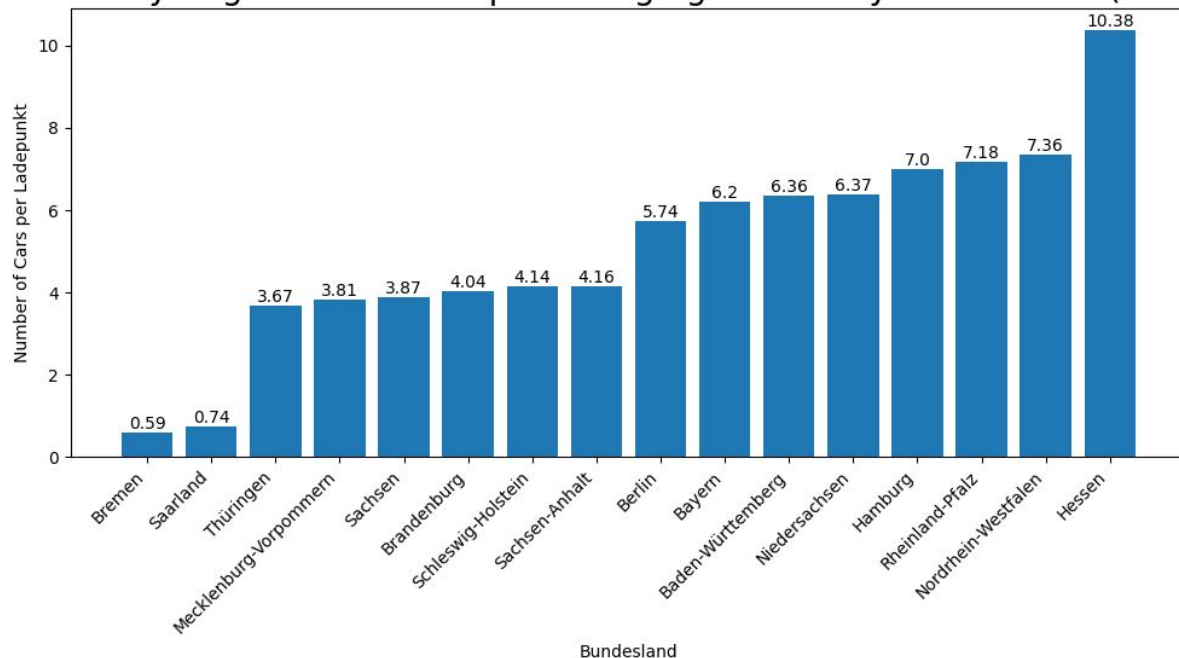


Sources: Data "https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/E-Mobilitaet/start.html", own graph



E-Cars vs Charging points

#Newly Registered E-Cars per Charging Station by Bundesland (2023)



Sources: Data "https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/E-Mobilitaet/start.html", own graph



Sources





Quellen

- <https://hub.arcgis.com/datasets/ae25571c60d94ce5b7fcbf74e27c00e0/about>
- <https://public.opendatasoft.com/explore/dataset/georef-germany-postleitzahl/export/>
- https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/E-Mobilitaet/start.html
- https://www.kba.de/SharedDocs/Downloads/DE/Statistik/Fahrzeuge/FZ28/fz28_2023_12.xlsx?__blob=publicationFile&v=4
- <https://www.electrive.net/2023/08/16/q2-neuzulassungen-der-elektrobus-boom-haelt-an/#>
- <https://www.pwc.de/de/branchen-und-markte/oeffentlicher-sektor/pwc-e-bus-radar-2023.pdf>
- <https://de.statista.com/statistik/daten/studie/468840/umfrage/omnibus-bestand-in-deutschland-nach-kraftstoffarten/#:~:text=Die%20Statistik%20zeigt%20den%20Omnibus,die%20mit%20Diesel%20betrieben%20wurden.>