

## Electric vehicle market canberra

According to reports from Access Canberra from January 2020, there were 446 battery electric vehicles registered in the ACT. At the time, these represented one vehicle in every 686 registered.

The following chart and table gives a breakdown of the different motive power types for all vehicles registered in the ACT. The chart does not plot hydrogen fuel cell vehicles as they represent less than 0.01% of the fleet. Note: this chart is only updated periodically.

Australia's capital, Canberra, is leading the transition to electric vehicles (EVs). There has been a significant increase in battery electric vehicles (BEVs) registered in the Australian Capital Territory (ACT) in recent years. This blog post explores how battery-electric vehicles are taking Canberra by storm.

According to Access Canberra, as of January 2020, only 446 battery-electric vehicles were registered with the ACT, accounting for 1 in 686 vehicles registered. But in just three years, by April 2023, that number had grown to 4,002. This is a staggering increase of almost nine times in just three years. Putting this in percentage POV, it is 796.88%, a nearly 800% surge in BEV registration. That is a good number to look at.

Several factors are likely responsible for this significant increase in EV sales. First, the ACT government's ambitious goal of net-zero greenhouse gas emissions by 2045 highlights the transition to clean energy and zero-emission transportation. This has implemented several incentives for EV owners that make switching to EVs more attractive.

The ACT government offers several EV incentives to encourage the adoption of electric vehicles. One of the key incentives is a stamp duty exemption for the first purchase of a zero-emission vehicle. This exemption will save buyers thousands of dollars when purchasing their new BEVs. New or used zero-emission cars (between 24 May 2021 and 30 June 2024) can apply for ACT-two years of free registration.

In addition, ACT-eligible households can also receive loans ranging from \$2,000 to \$15,000 to help purchase a zero-emission vehicle. These incentives have made EVs more affordable for people, contributing to a significant increase in EV sales in the region.

The availability of charging stations is one of the main concerns of people considering an electric vehicle. Fortunately, the ACT government is actively expanding charging infrastructure throughout the region. As of January 2023, the ACT has around 43 charging stations and 30 EV charging stations in Canberra. These EV charging stations offer both Level 2 and Level 3 chargers to power electric vehicles at a convenient location.

The government plans to install 77 charging stations across the region by 2023. Of these, 31 will be located in Canberra, where demand is highest. As part of the ACT Zero Emission Vehicle strategy, the aim is to expand

the charging network to 180 public stations by 2025. This reduces charging times and helps tackle range anxiety among EV drivers.

The rise of electric vehicles in Canberra indicates they are going mainstream. Owning an electric vehicle will become easier and more convenient as charging stations become more available. Additionally, government incentives have purchased electric vehicles more affordable. In addition to economic benefits, electric vehicles also have obvious environmental benefits. They produce zero emissions and are a clean alternative to petrol and diesel vehicles. So, Buying an EV is worth considering if you want to reduce your carbon footprint and be part of Canberra's growing EV community.

According to Minister Rattenbury, "We know the Canberra community is committed to taking action on climate change, with many people doing what they can cut emissions ways across the city. Transport emissions account for over 60% of ACT emissions, so reducing emissions from transport is a high priority. With our 100% renewable electricity supply, the shift to electric vehicles is a key part of shifting to zero-emissions transport alongside increased active travel and public transport use" (source: <https://aeva.asn/articles/press-release-2022-conference-and-exhibition/>).

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