



# Western Australian electric vehicle licensing data

March 2025 Quarter



This publication provides statistics on the number of electric vehicles (EVs) licensed in Western Australia (WA) by the Department of Transport (DoT) and denotes trends in the uptake of EVs.

For definitions and information on how this data is prepared visit:  
[transport.wa.gov.au/projects/electric-vehicles](https://transport.wa.gov.au/projects/electric-vehicles)

## Types of EVs

**BEV:** battery electric vehicle

**PHEV:** plug-in hybrid electric vehicle

**FCEV:** fuel cell electric vehicle

**HEV:** hybrid electric vehicle

## Acknowledgment of Country

The Department of Transport acknowledges the Traditional Custodians of the land throughout Western Australia and pay our respects to Elders both past and present. We acknowledge the members of all Aboriginal communities, their cultures and continuing connection to Country throughout the state.

# Key insights

## March 2025 quarter Western Australian electric vehicle trends



### EVs accounted for an increasing proportion of newly licensed vehicles

- The number of licensed EVs in WA grew by 12.77 per cent in Q1 2025, a slower growth rate compared to the 13.83 per cent increase in Q4 2024.
- Overall light vehicle licensing slowed from 47,390 in Q4 2024 to 40,019 this quarter, while EVs accounted for a higher percentage of newly licensed vehicles, rising from 7.58 per cent to 9.52 per cent.
- More EVs are licensed for personal use than for business use, with 27,118 licensed for personal use (80.61 per cent) compared to 6,524 licensed for business use (19.39 per cent).
- As of 31 March 2025, there was a total of 2,134,738 licensed light vehicles in the state, of which 33,639 were licensed light EVs.
- WA's \$3,500 Zero Emission Vehicle (ZEV) Rebate Scheme was still in place during the March quarter with the scheme expiring 10 May 2025<sup>1</sup>.



### New PHEVs licensed in Q1 2025 surged beyond previous trends prior to FBT changes

- PHEVs grew by 22.57 per cent in Q4 2024, and by 36.43 per cent in Q1 2025, significantly exceeding previous growth trends.
- The rise in PHEV licensing precedes a policy change effective 1 April 2025, when PHEVs will no longer qualify for the electric car exemption under fringe benefits tax (FBT) law<sup>2</sup>.



### EV adoption growing across regional areas

- The Perth metropolitan area holds 90.41 per cent of WA's licensed EVs (30,413), however EV adoption is starting to spread beyond the urban core, with regional areas showing notable growth from a smaller base.
- EV licensing quarter-on-quarter growth rates in the regions exceeded that of the Perth metropolitan area with 12.50 per cent for Perth, compared with 15.26 per cent for the South West, 13.77 per cent for Peel and 17.06 per cent for the Wheatbelt.
- The Pilbara experienced the highest EV licensing increase of 38.78 per cent in Q1 2025 to a total of 136 vehicles, noting the relatively small base of 98 licenced vehicles recorded in the previous quarter.

<sup>1</sup> Western Australia Department of Transport. (2025). Zero Emission Vehicle (ZEV) Rebate. Retrieved from [transport.wa.gov.au/projects/zero-emission-vehicle-zev-rebate.asp](https://transport.wa.gov.au/projects/zero-emission-vehicle-zev-rebate.asp)

<sup>2</sup> Australian Taxation Office. (2025). FBT on Plug-in Hybrid Electric Vehicles. Retrieved from [ato.gov.au/businesses-and-organisations/hiring-and-paying-your-workers/fringe-benefits-tax/types-of-fringe-benefits/fbt-on-cars-other-vehicles-parking-and-tolls/fbt-on-plug-in-hybrid-electric-vehicles](https://ato.gov.au/businesses-and-organisations/hiring-and-paying-your-workers/fringe-benefits-tax/types-of-fringe-benefits/fbt-on-cars-other-vehicles-parking-and-tolls/fbt-on-plug-in-hybrid-electric-vehicles)

Figure 1a: Graph - Cumulative electric vehicle data December 2021-March 2025

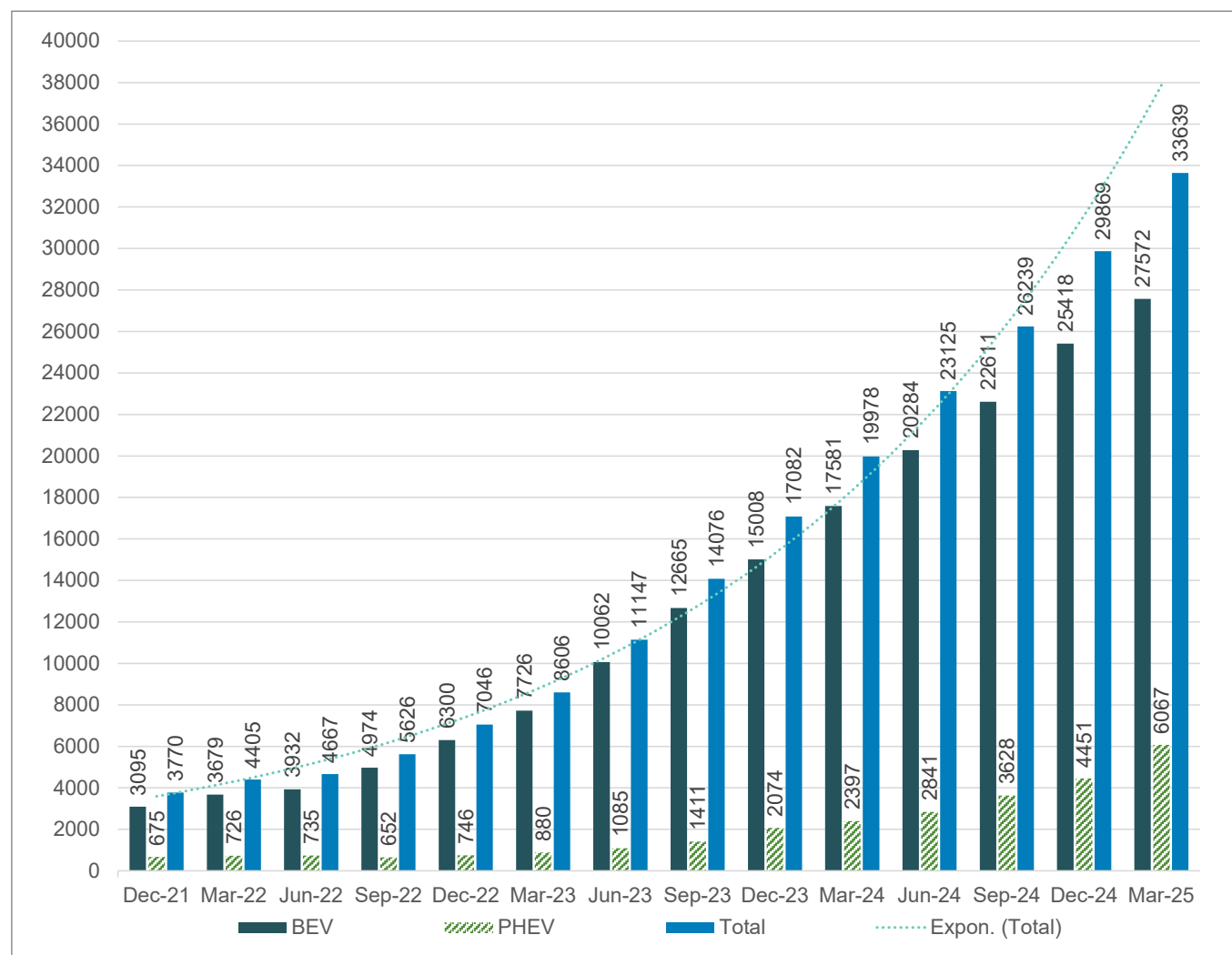


Figure 1b: Table - Cumulative electric vehicle data December 2021-March 2025

Period	BEV	PHEV	Total
Dec-21	3095	675	3770
Mar-22	3679	726	4405
Jun-22	3932	735	4667
Sep-22	4974	652	5626
Dec-22	6300	746	7046
Mar-23	7726	880	8606
Jun-23	10062	1085	11147
Sep-23	12665	1411	14076
Dec-23	15008	2074	17082
Mar-24	17581	2397	19978
Jun-24	20284	2841	23125
Sep-24	22611	3628	26239
Dec-24	25418	4451	29869
Mar-25	27572	6067	33639

Figure 2: Top 25 postcode locations for electric vehicles March 2025 quarter

P/code	Suburb Locality	Total
6164	Atwell / Aubin Grove / Banjup / Beeliar / Cockburn Central / Hammond Park / Jandakot / South Lake / Success / Treeby / Yangebup	1076
6155	Canning Vale / Canning Vale South / Willetton	990
6065	Ashby / Darch / Hocking / Kingsway / Landsdale / Madeley / Pearsall / Sinagra / Tapping / Wangara / Wanneroo	979
6112	Armadale / Bedforddale / Brookdale / Doobarda / Forrestdale / Harrisdale / Haynes / Hilbert / Mount Nasura / Mount Richon / Piara Waters / Seville Grove / Wugong	889
6018	Churchlands / Doubleview / Gwelup / Innaloo / Karrinyup / Woodlands	875
6163	Bibra Lake / Coolbellup / Hamilton Hill / Hilton / Kardinya / North Coogee / North Lake / O'Connor / Samson / Spearwood	776
6153	Applecross / Applecross North / Ardross / Brentwood / Canning Bridge Applecross / Mount Pleasant	723
6009	Broadway Nedlands / Crawley / Dalkeith / Nedlands	651
6017	Herdsmen / Osborne Park	589
6210	Coodanup / Dudley Park / Erskine / Falcon / Greenfields / Halls Head / Madora Bay / Mandurah / Mandurah East / Mandurah North / Meadow Springs / San Remo / Silver Sands / Wannanup	585
6014	Floreat / Jolimont / Wembley	579
6010	Claremont / Claremont North / Karrakatta / Mount Claremont / Swanbourne	558
6152	Como / Karawara / Manning / Salter Point / Waterford	550
6107	Beckenham / Cannington / East Cannington / Kenwick / Queens Park / Wattle Grove / Wilson	514
6027	Beldon / Connolly / Edgewater / Heathridge / Joondalup / Mullaloo / Ocean Reef	513
6069	Aveley / Belhus / Brigadoon / Ellenbrook / The Vines / Upper Swan	513
6020	Carine / Marmion / North Beach / Sorrento / Watermans Bay	493
6008	Daglish / Shenton Park / Subiaco / Subiaco East	472
6055	Brabham / Bushmead / Caversham / Dayton / Guildford / Hazelmere / Henley Brook / South Guildford / West Swan	472
6105	Cloverdale / Kewdale / Perth Airport	460
6025	Craigie / Hillarys / Kallaroo / Padbury	440
6148	Ferndale / Riverton / Rossmoyne / Shelley	427
6000	Perth	425
6019	Scarborough/Wembley Downs	418
6151	Kensington / South Perth	410



## About this report

The information contained in this publication is provided in good faith and believed to be accurate at time of publication.

The State shall in no way be liable for any loss sustained or incurred by anyone relying on the information.

This publication is available in alternative formats upon request. Contact us to request a copy or submit an enquiry.

Prepared by Department of Transport

29 May 2025

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