



Western Australian electric vehicle licensing data

December 2024 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

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

December 2024 quarter Western Australian electric vehicle trends



The number of EVs licensed increased by 13.83 per cent in the final quarter of 2024.

- As of 31 December 2024, there were 29,869 licensed light EVs in WA and 2,117,561 light vehicles licensed in WA.
- The number of light EVs stood at 1.41 per cent of the total fleet of light vehicles licensed in WA.
- Out of the total 47,390 new light vehicles licensed in WA in the December quarter, 7.66 per cent were EVs.
- The growth rate of new licensed EVs is 13.83 per cent for the quarter compared to overall light vehicle growth rate of 2.26 per cent for the quarter.



The number of plug-in hybrid EVs continued to grow at a faster rate relative to battery EVs

- Licences for BEVs increased by 12.41 per cent and PHEVs by 22.68 per cent from the previous quarter.
- BEVs made up 85.10 per cent of WA's licensed light EV fleet and PHEVs 14.90 per cent.
- In December 2024, 80.04 per cent (23,908) of the EVs licensed were for personal use, compared to 19.96 per cent (5,961) for business use.



The Wheatbelt exhibited a relatively high growth rate of EVs during this quarter.

- The number of EVs licensed in the Wheatbelt grew by 18.95 per cent to reach 295 EVs licensed in total.
- The percentage of EVs in the Perth metropolitan area is at 90.63 per cent.
- The postcode 6069 had the highest EV growth rate at 19.79 per cent. Refer to the table on page four for the top postcode locations.

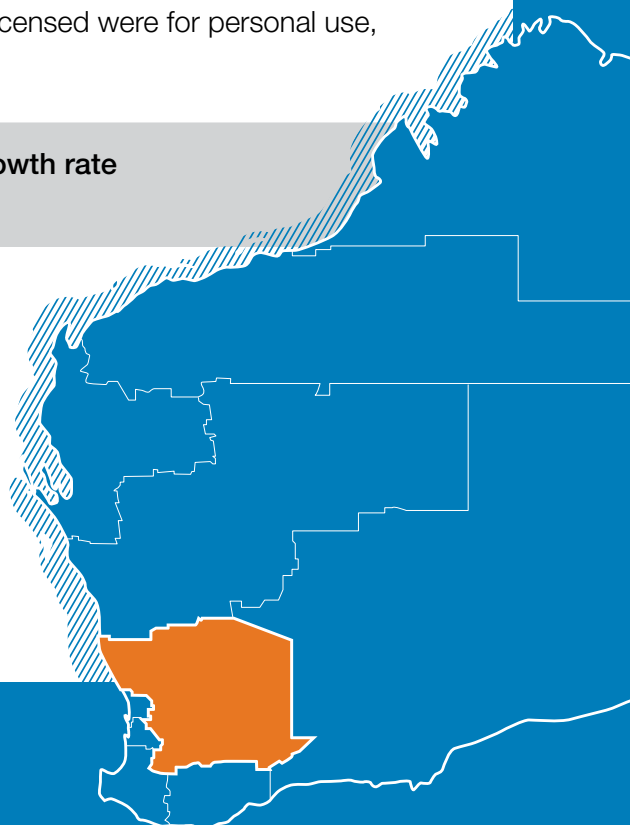


Figure 1a: Graph - Cumulative electric vehicle data December 2021-December 2024

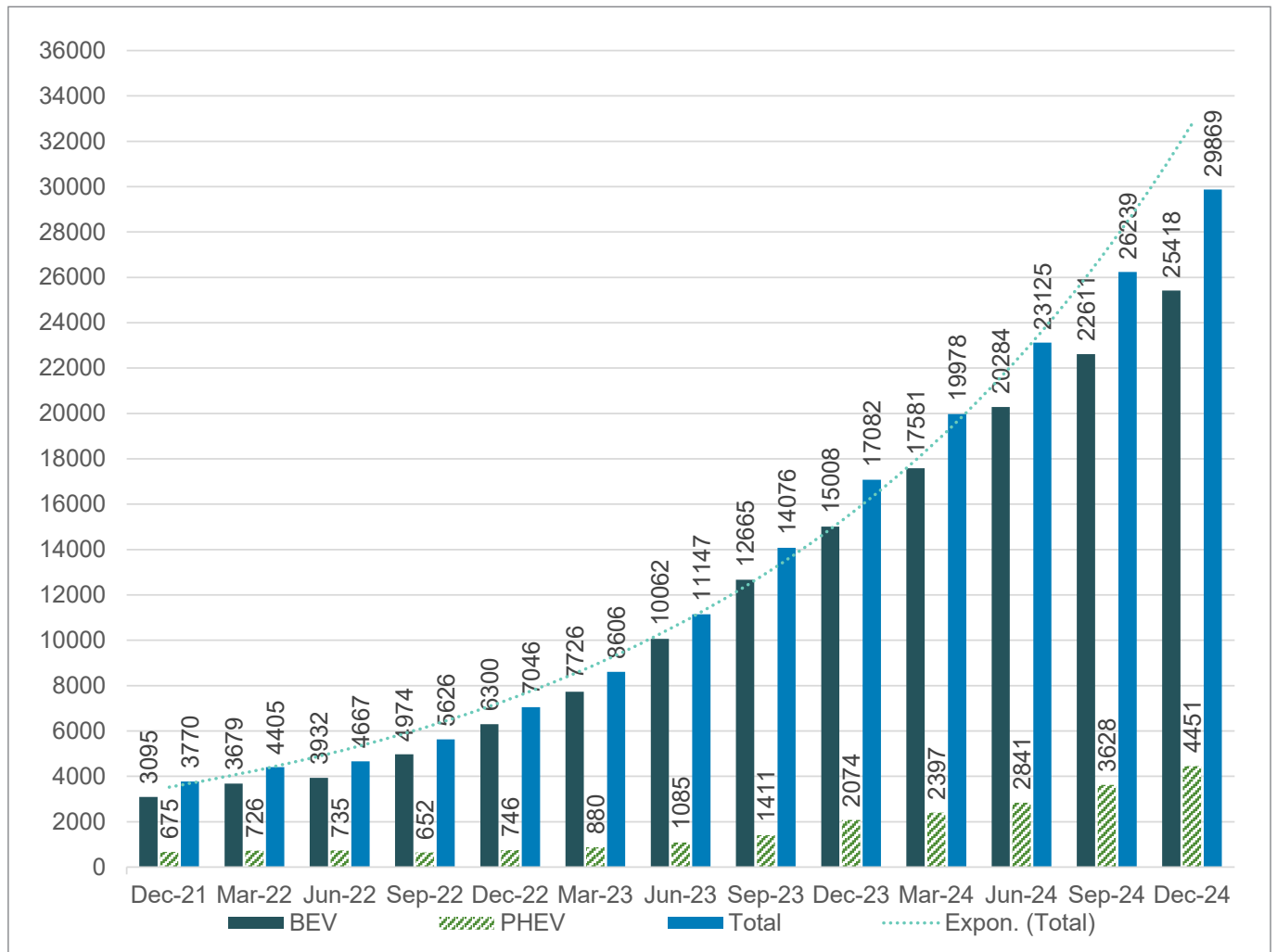


Figure 1b: Table - Cumulative electric vehicle data December 2021-December 2024

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

Figure 2: Top 25 postcode locations for electric vehicles December 2024 quarter

P/code	Suburb Locality	Total
6065	Ashby / Darch / Hocking / Kingsway / Landsdale / Madeley / Pearsall / Sinagra / Tapping / Wangara / Wanneroo	964
6164	Atwell / Aubin Grove / Banjup / Beeliar / Cockburn Central / Hammond Park / Jandakot / South Lake / Success / Treeby / Yangebup	948
6155	Canning Vale / Canning Vale South / Willetton	894
6018	Churchlands / Doubleview / Gwelup / Innaloo / Karrinyup / Woodlands	793
6112	Armadale / Bedforddale / Brookdale / Doobarda / Forrestdale / Harrisdale / Haynes / Hilbert / Mount Nasura / Mount Richon / Piara Waters / Seville Grove / Wugong	786
6163	Bibra Lake / Coolbellup / Hamilton Hill / Hilton / Kardinya / North Coogee / North Lake / O'Connor / Samson / Spearwood	677
6153	Applecross / Applecross North / Ardross / Brentwood / Canning Bridge Applecross / Mount Pleasant	662
6009	Broadway Nedlands / Crawley / Dalkeith / Nedlands	601
6010	Claremont / Claremont North / Karrakatta / Mount Claremont / Swanbourne	530
6210	Coodanup / Dudley Park / Erskine / Falcon / Greenfields / Halls Head / Madora Bay / Mandurah / Mandurah East / Mandurah North / Meadow Springs / San Remo / Silver Sands / Wannanup	522
6014	Floreat / Jolimont / Wembley	518
6152	Como / Karawara / Manning / Salter Point / Waterford	496
6107	Beckenham / Cannington / East Cannington / Kenwick / Queens Park / Wattle Grove / Wilson	458
6027	Beldon / Connolly / Edgewater / Heathridge / Joondalup / Mullaloo / Ocean Reef	455
6069	Aveley / Belhus / Brigadoon / Ellenbrook / The Vines / Upper Swan	448
6020	Carine / Marmion / North Beach / Sorrento / Watermans Bay	447
6105	Cloverdale / Kewdale / Perth Airport	441
6017	Herdsman / Osborne Park	429
6055	Brabham / Bushmead / Caversham / Dayton / Guildford / Hazelmere / Henley Brook / South Guildford / West Swan	420
6008	Daglish / Shenton Park / Subiaco / Subiaco East	416
6000	Perth	401
6021	Balcatta / Stirling	401
6025	Craigie / Hillarys / Kallaroo / Padbury	377
6148	Ferndale / Riverton / Rossmoyne / Shelley	375
6019	Scarborough/Wembley Downs	370



About this report

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

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

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