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national competence center for e-mobility

E-Mobility in Austria

Facts & Figures | March 2025

6,122
BEV cars (M1)
new registrations

484
BEV-LCV (N1)
new registrations

13
BEV-HGV (N2 + N3)
new registrations

11
BEV buses (M2 + M3)
new registrations

2030: 100% zero emission in new registrations

24 % BEV share of cars (M1) in new registrations in March 2025

0% 100%

214,524
BEV cars (M1)
in operation

28,183
recharging points
in operation

What does BEV mean?
BEV stands for 'Battery Electric Vehicle'. Such a vehicle is powered solely by electric energy stored in the battery.

Glossary

BEV car (M1)

Battery electric passenger car (passenger transportation; vehicle class M1)

FCEV car (M1)

Fuel cell electric passenger car (passenger transportation; vehicle class M1)

PHEV car (M1)

Plug-in hybrid passenger car (passenger transportation; vehicle class M1)

E-car (M1)

Electric passenger car (passenger transportation; vehicle class M1; BEV + FCEV + PHEV)

NCP

Normal recharging point for car (recharging capacity < 23 kW)

FCP

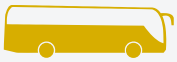
Fast recharging point for car (recharging capacity 23 kW ≤ x ≤ 150 kW)

HPC

Ultra-fast recharging point for car (recharging capacity > 150 kW; High Power Charging)

BEV-LV (L)

Battery electric light vehicle (passenger transportation; vehicle class L; Motorbike /Tricycle / Quadricycle)



BEV-Bus (M2 + M3)

Battery electric bus (passenger transportation; vehicle class M2 + M3)

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BEV-LCV (N1)

Battery electric light commercial vehicle (freight transportation; vehicle class N1; ≤ 3.5 t)

BEV-HGV (N2)

Battery electric heavy goods vehicle (freight transportation; vehicle class N2; 3.5 t < x ≤ 12.0 t)

BEV-HGV (N3)

Battery electric heavy goods vehicle (freight transportation; vehicle class N3; > 12,0 t)

BEV-Artic (N1 + N2 + N3)

Battery electric articulated lorry (freight transportation; vehicle class N1 + N2 + N3)

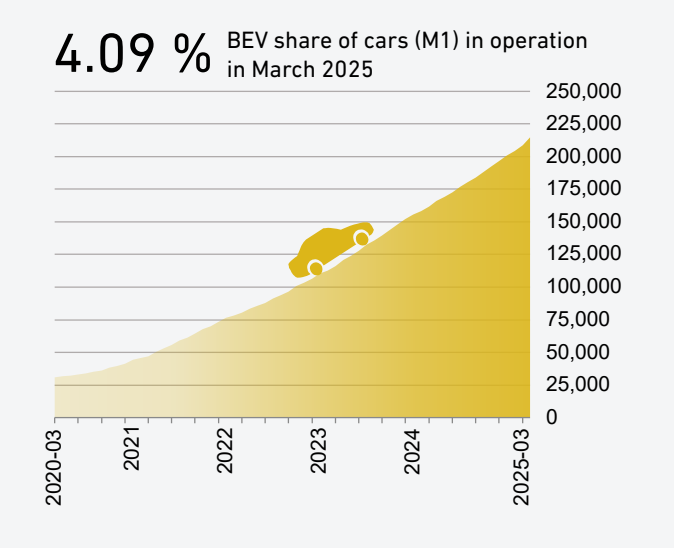
Welcome

OLÉ – Austria's National Competence Center for E-Mobility, which is part of AustriaTech, supports and analyzes developments in the field of e-mobility. In this document, we provide insights into new registrations and vehicle populations as well as the publicly accessible charging infrastructure.

Every month, we provide information on the facts and figures of e-mobility in order to depict the dynamic developments in the electrification of mobility.

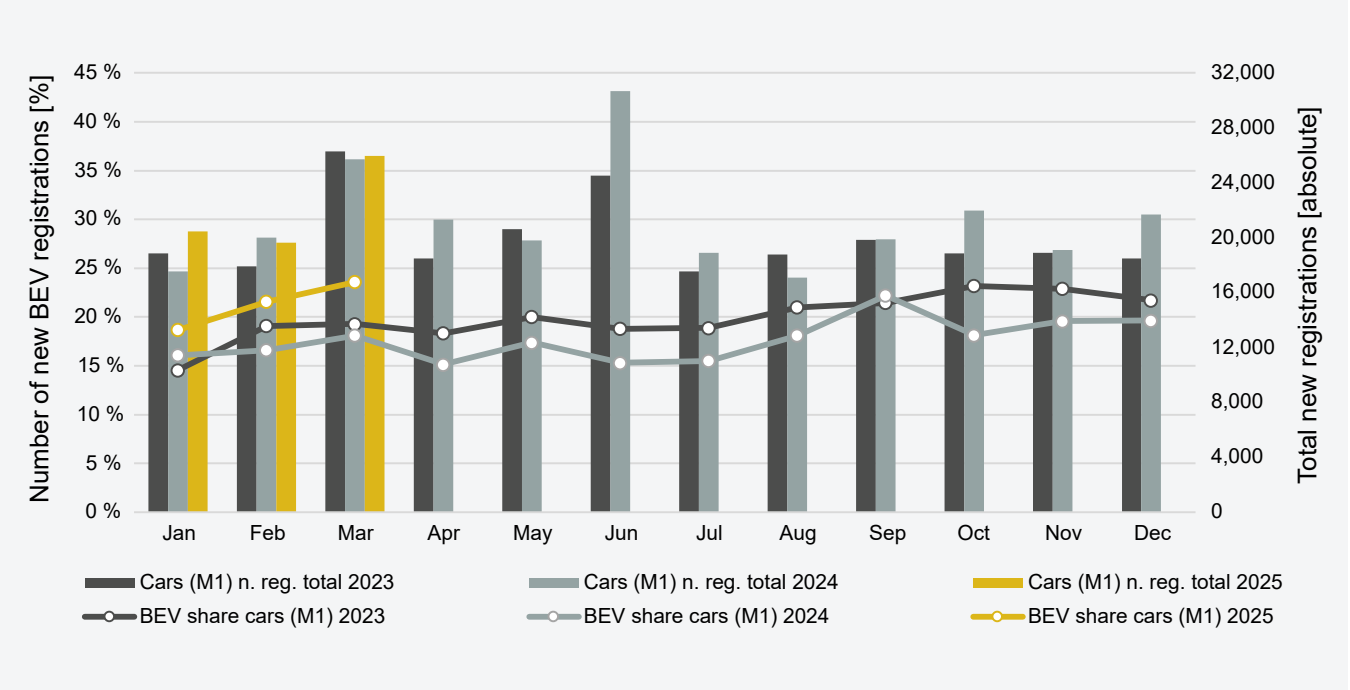
OLÉ - Austria's National Competence Center for E-Mobility wishes a delightful discovery!

BEV car population (M1) per month, 2020-2025



Source: Statistics Austria; Illustration: AustriaTech; Data status: End of each month

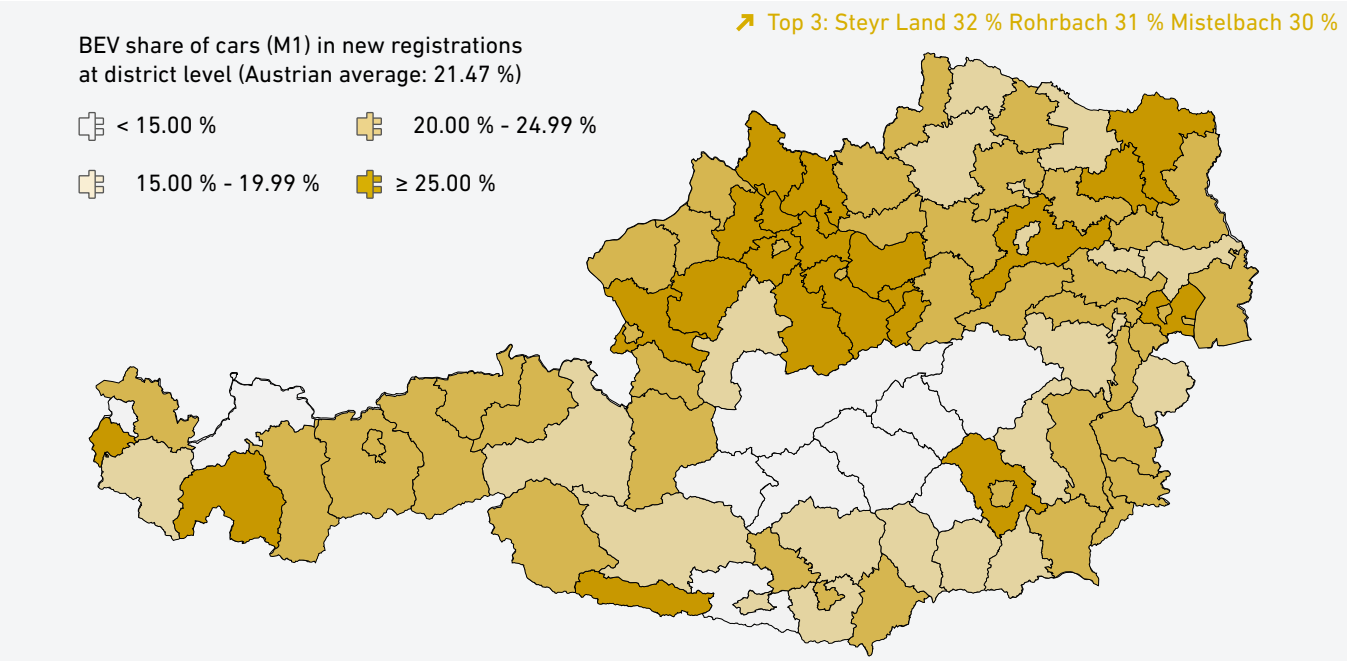
New registrations per month: BEV cars (M1), 2023-2025



Source: Statistics Austria; Illustration: AustriaTech; Data status: End of each month

Abbreviation: 'n. reg.' stands for new registrations

Share of new registrations of BEV cars (M1) at district level, March 2025

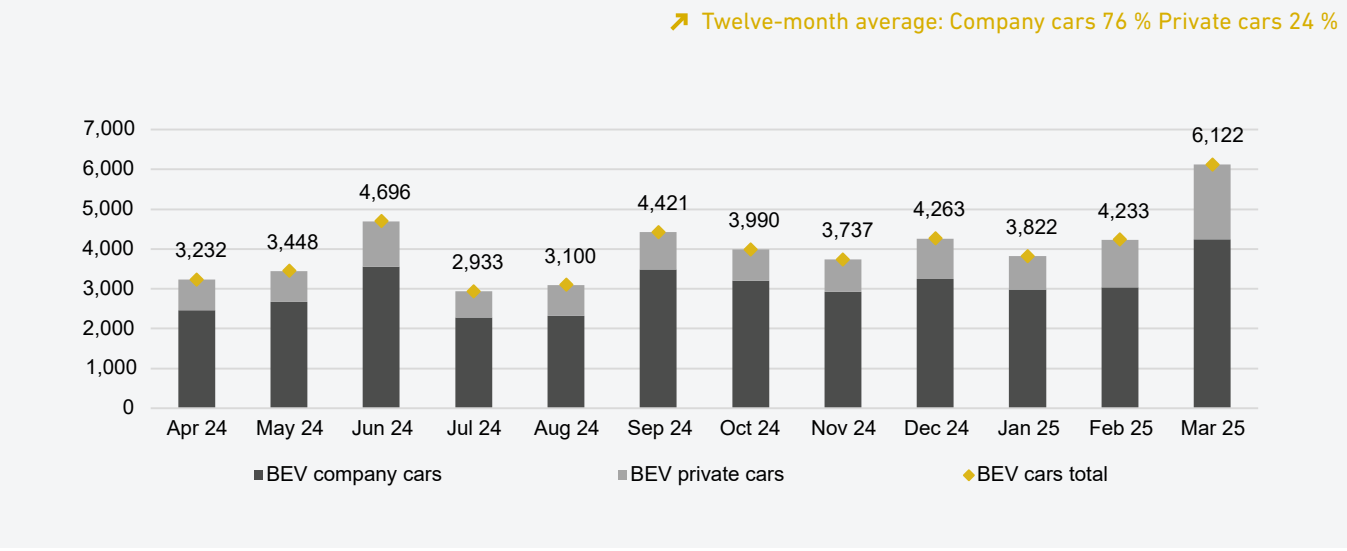


Source: Statistics Austria; Illustration: AustriaTech, Map created using Bing © GeoNames, TomTom; Data status: 31/03/2025

The chart contains the cumulative monthly new registration figures for the current year. For this purpose, the initial data from the reporting centres was aggregated and assigned to the districts, with Vienna representing the individual municipal districts of Vienna as a whole. Only the three reporting centres 'Bahn', 'Justizwache, Polizei, Zollwache' and 'Post' are not included.

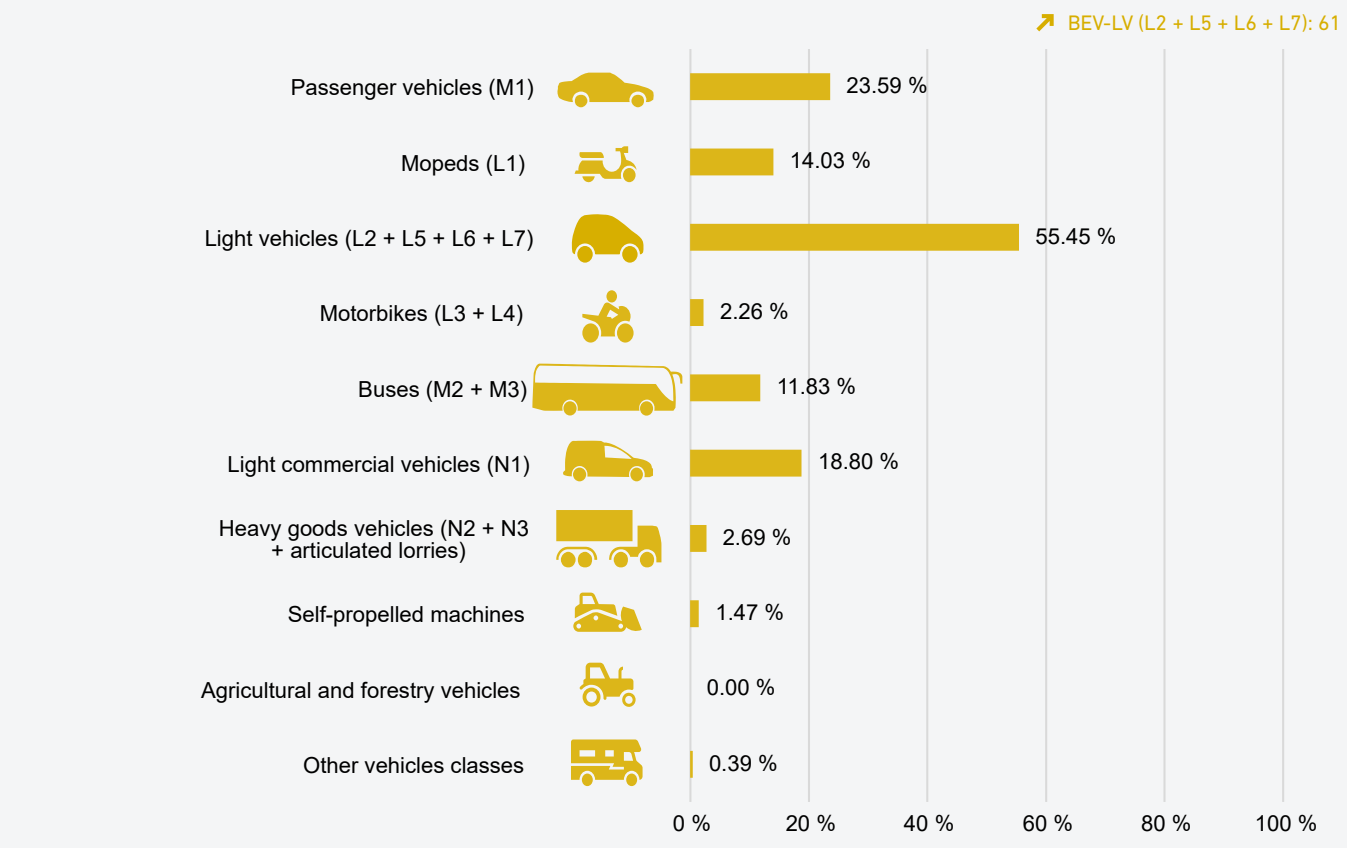
The share of new registered BEV cars (M1) is particularly high along the agglomerations of urban centres such as Wels Land, Stadt Linz & Linz-Land, Graz Umgebung, St. Pölten Land and Eisenstadt Umgebung with at least 25 %. In contrast, the share of new BEV registrations in the centre of Austria is comparatively low at under 15 %.

Company and private new registrations of BEV cars (M1), 2024-2025



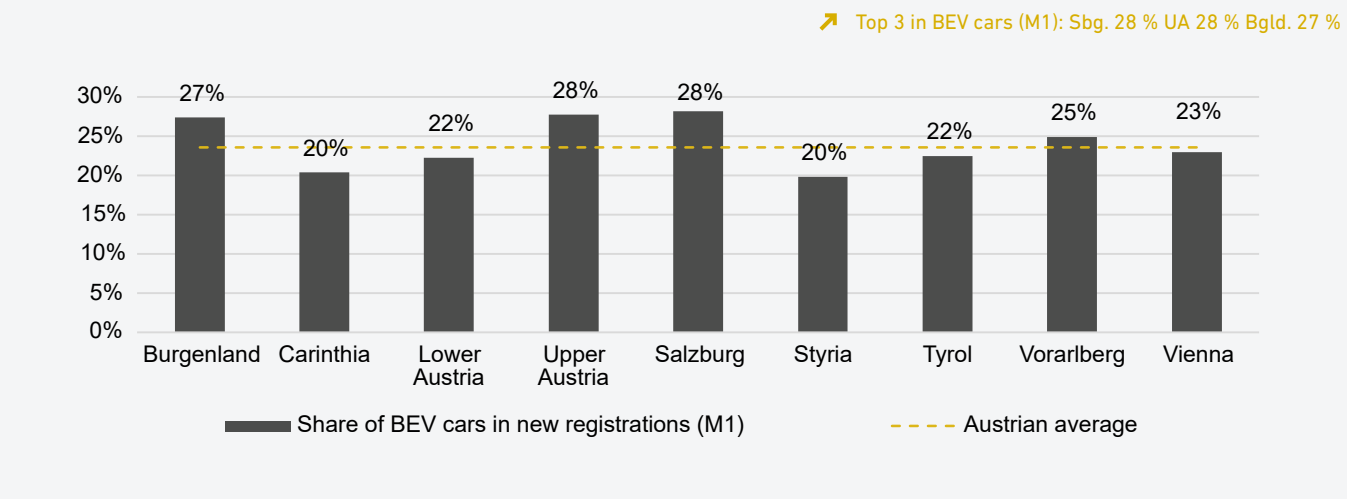
Source: Statistics Austria; Illustration: AustriaTech; Data status: End of each month

Share of new registrations of BEV in selected vehicle classes, March 2025



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

New registrations of BEV cars (M1) by federal state, March 2025



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

In line with Statistics Austria, the values of the reporting centres 'Bahn', 'Justizwache, Polizei, Zollwache' & 'Post' are allocated to Vienna at federal state level.

New vehicle registrations per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2017	2018	2019	2020	2021	2022	2023	2024	2025 Mar	Share
Passenger vehicle class M1	**353,320**	**341,068**	**329,363**	**248,740**	**239,803**	**215,050**	**239,150**	**253,789**	**66,017**	
Petrol incl. hybrids*	170,230	190,285	186,943	125,949	120,929	106,805	114,059	135,615	34,479	**52.23 %**
Diesel incl. hybrids*	175,501	141,119	130,423	98,757	70,782	60,735	60,493	56,611	11,830	**17.92 %**
Gas (CNG, LNG; mono- & bivalent)	435	642	580	407	86	63	11	13	1	**0.00 %**
Plug-in hybrid electric vehicle (PHEV)	1,721	2,258	2,156	7,641	14,626	13,268	16,956	16,928	5,530	**8.38 %**
Battery electric vehicle (BEV)	5,433	6,757	9,242	15,972	33,366	34,165	47,621	44,622	14,177	**21.47 %**
Fuel cell electric vehicle (FCEV)	0	7	19	14	14	14	10	1	0	**0.00 %**
BEV new registrations: Year-on-year change	42.00 %	24.37 %	36.78 %	72.82 %	108.90 %	2.39 %	39.39 %	-6.30 %	31.24 %	
BEV share of new registrations	1.54 %	1.98 %	2.81 %	6.42 %	13.91 %	15.89 %	19.91 %	17.58 %	21.47 %	
Further BEV of the classes L, M, N	**1,911**	**2,727**	**3,141**	**3,558**	**6,155**	**6,486**	**6,469**	**6,937**	**1,849**	**11.21 %**
Motorbikes/Tricycles/Quadricycles (class L)	1,667	2,251	2,617	2,805	3,765	4,335	3,087	3,737	572	**7.95 %**
Buses (classes M2 + M3)	6	17	22	14	11	26	58	105	38	**14.02 %**
Light commercial vehicles LCV (class N1; < 3.5 t)	237	446	500	739	2,341	2,067	3,265	2,928	1,189	**16.44 %**
Heavy goods vehicles HGV (class N2; 3.5 t < x ≤ 12.0 t)	0	1	0	0	36	43	29	45	18	**6.98 %**
Heavy goods vehicles HGV (class N3; > 12.0t)	0	9	2	0	2	14	14	88	16	**2.31 %**
Articulated lorries classes (class N1 + N2 + N3)	1	3	0	0	0	1	16	34	16	**0.97 %**

** Hybrid electric drive not externally rechargeable*

Source: Statistics Austria; Illustration: AustriaTech; Data status: 31/12 of the corresponding year respectively 31/03/2025

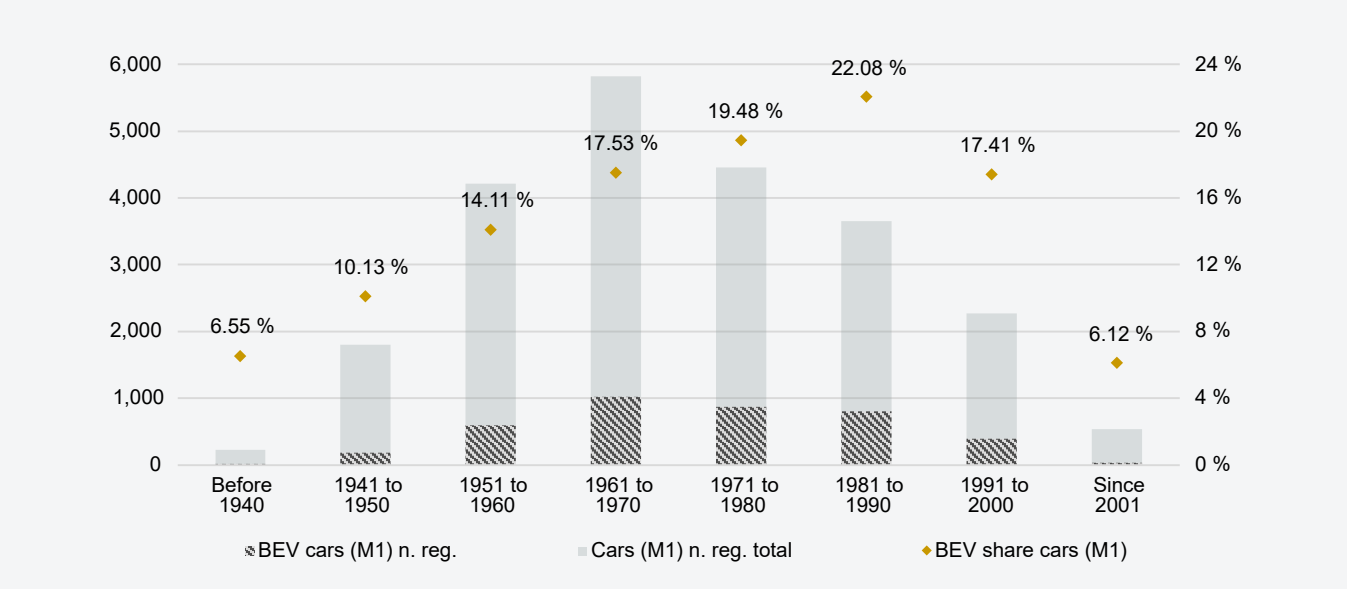
Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2017	2018	2019	2020	2021	2022	2023	2024	2025 Mar	Share
Passenger vehicle class M1	**4,898,578**	**4,978,852**	**5,039,548**	**5,091,827**	**5,133,836**	**5,150,890**	**5,185,006**	**5,231,893**	**5,241,602**	
Petrol incl. hybrids*	2,102,712	2,167,858	2,217,132	2,250,050	2,278,751	2,303,486	2,330,348	2,374,824	2,387,445	**45.55 %**
Diesel incl. hybrids*	2,771,738	2,778,552	2,778,732	2,775,925	2,743,683	2,690,025	2,637,123	2,576,942	2,556,552	**48.77 %**
Gas (CNG, LNG; mono- & bivalent)	5,543	5,877	6,078	6,063	5,787	5,512	5,114	4,694	4,595	**0.09 %**
Plug-in hybrid electric vehicle (PHEV)	3,948	5,710	8,042	15,237	29,021	41,580	56,864	74,768	78,427	**1.50 %**
Battery electric vehicle (BEV)	14,618	20,831	29,523	44,507	76,539	110,225	155,490	200,603	214,524	**4.09 %**
Fuel cell electric vehicle (FCEV)	19	24	41	45	55	62	67	62	59	**0.00 %**
BEV vehicle stock: Year-on-year change	61.12 %	42.50 %	41.73 %	50.75 %	71.97 %	44.01 %	41.07 %	29.01 %	29.22 %	
BEV share of vehicle stock	0.30 %	0.42 %	0.59 %	0.87 %	1.49 %	2.14 %	3.00 %	3.83 %	4.09 %	
Further BEV of the classes L, M, N	**8,913**	**10,924**	**13,314**	**16,083**	**21,564**	**26,508**	**31,668**	**36,826**	**38,675**	**2.46 %**
Motorbikes/Tricycles/Quadricycles (class L)	7,057	8,614	10,533	12,565	15,716	18,621	20,688	23,045	23,617	**2.44 %**
Buses (classes M2 + M3)	143	154	161	172	174	202	242	347	385	**3.57 %**
Light commercial vehicles LCV (class N1; < 3.5 t)	1,711	2,141	2,605	3,330	5,627	7,582	10,584	13,120	14,309	**2.76 %**
Heavy goods vehicles HGV (class N2; 3.5 t < x ≤ 12.0 t)	1	2	2	3	40	81	105	148	166	**1.82 %**
Heavy goods vehicles HGV (class N3; > 12.0t)	0	9	10	10	4	18	29	114	130	**0.29 %**
Articulated lorries classes (class N1 + N2 + N3)	1	4	3	3	3	4	20	52	68	**0.34 %**

** Hybrid electric drive not externally rechargeable*

Source: Statistics Austria; Illustration: AustriaTech; Data status: 31/12 of the corresponding year respectively 31/03/2025: The inventory numbers for 2025 for PHEV (M1) and for 'Further BEV of the classes L, M, N' were extrapolated on the basis of the existing vehicle stock (31.12.2024) and the cumulative new registrations of the current year.

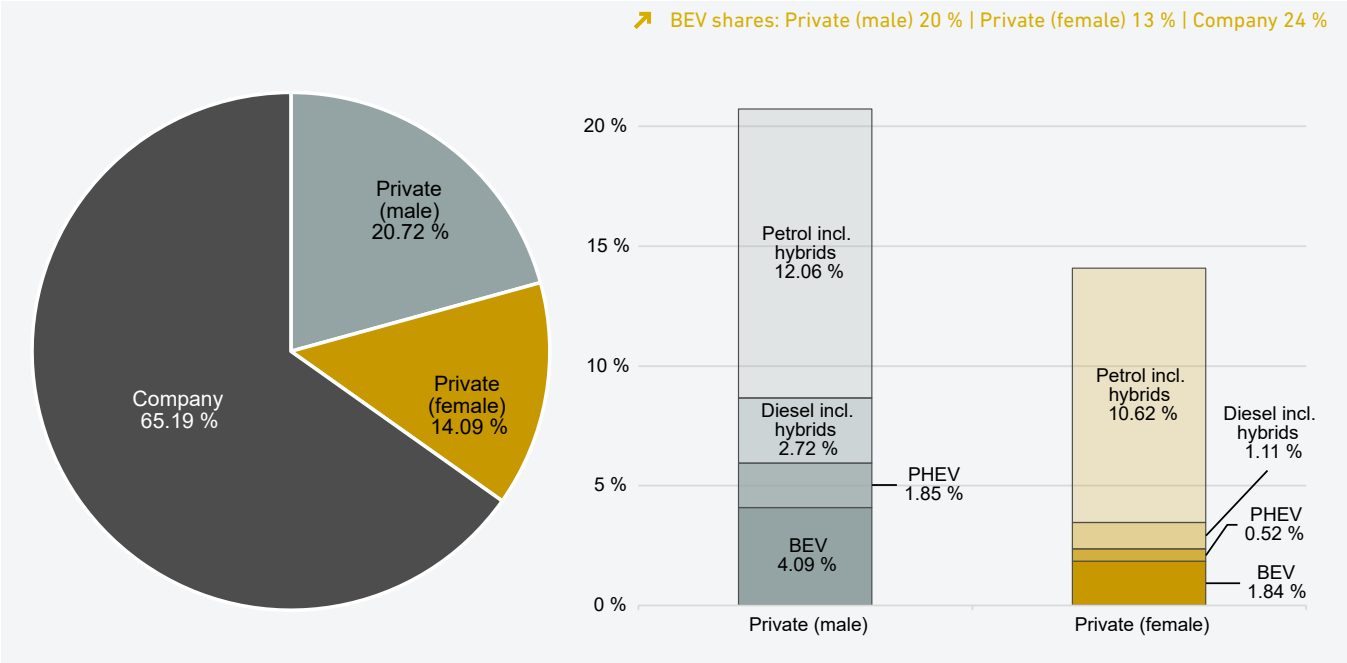
New registrations of private cars (M1) by age of vehicle owners, 1st quarter 2025



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

The bars show the absolute BEV and total car new registrations. The dots show the BEV share of the respective age group. For example, the proportion of BEV new registrations in the age group born between 1981 and 1990 is 22.08 %.

New registrations of cars (M1) by vehicle owners, 1st quarter 2025



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

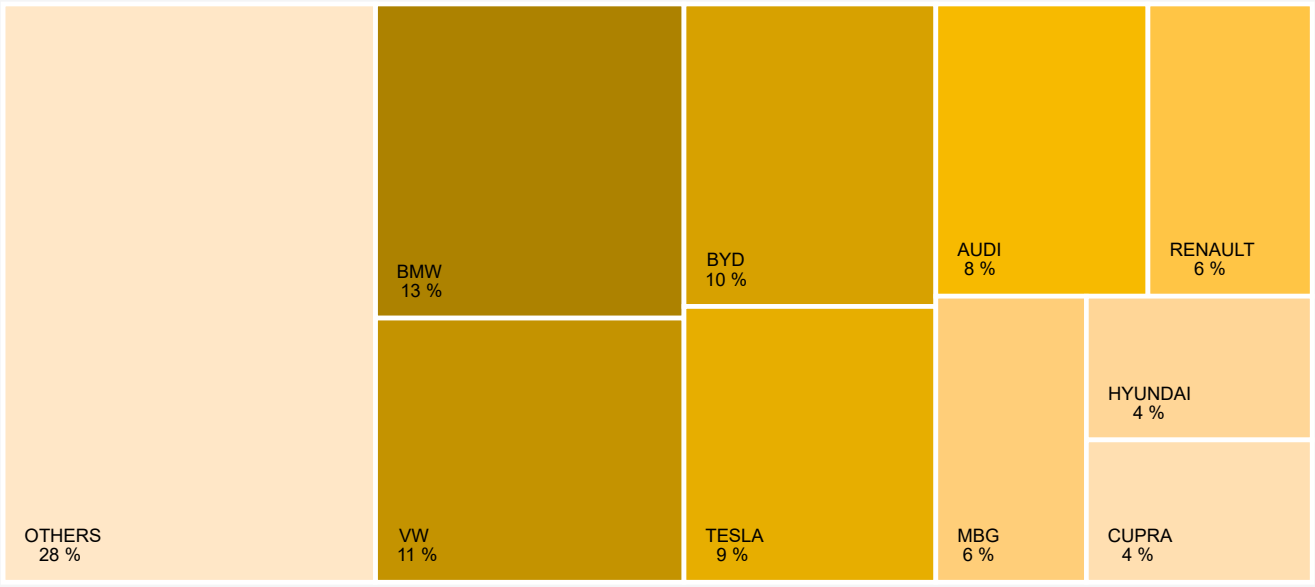
In the bar chart on the right, gas drives (only one private registration) are not included for visualisation reasons. The sum of the parts of the bar on the right gives the respective share of new private registrations in the pie chart on the left.

From the 1st to the 4th quarter, 20.72 % of new cars were registered by male private individuals. 4.09 percentage points of these were BEV. Accordingly, 19.74 % of purchases by this group were for BEV.

Best selling BEV passenger cars (M1) by model, 1st quarter 2025

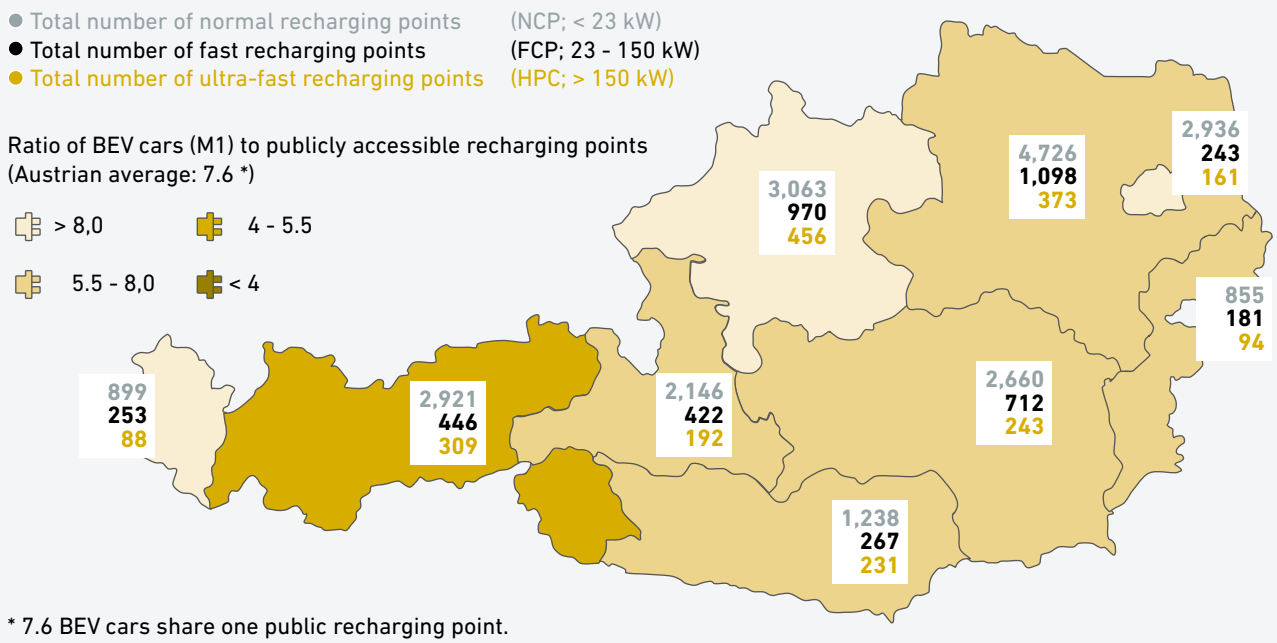
Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

Best selling BEV passenger cars (M1) by brand, 1st quarter 2025



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2025

Publicly accessible recharging points per federal state, March 2025

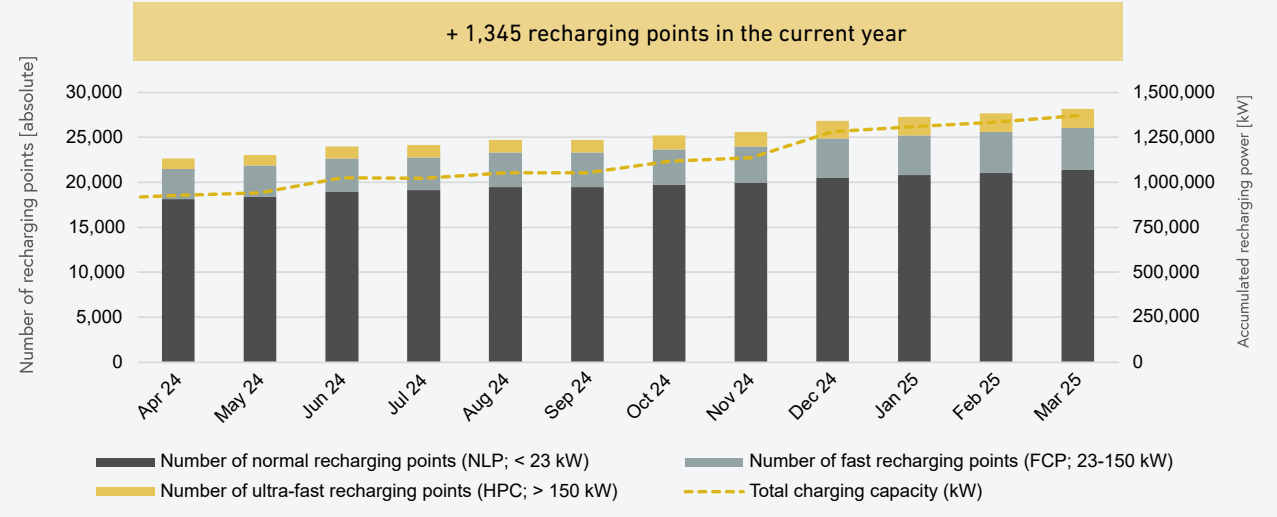


Source: E-Control, data cleansing by AustriaTech; Illustration: AustriaTech; Data status: 01/04/2025

Currently the Austrian recharging network consists of 21,444 normal recharging points, 4,592 fast recharging points and 2,147 ultra-fast recharging points, amounting to **28,183 publicly accessible recharging points** in total.

OLÉ - Austria's National Competence Center for E-Mobility supports the expansion of efficient recharging infrastructure in public spaces by improving framework conditions and funding programmes. OLÉ is committed to finding the right recharging infrastructure for the respective recharging scenario. To support the ramp-up, all forms of recharging infrastructure (e.g. smart home and workplace recharging points and high power recharging points on main routes) are needed.

Publicly accessible recharging points and total recharging capacity per month, 2024-2025**



Source: E-Control, data cleansing by AustriaTech; Illustration: AustriaTech; Data status: 01/04/2025

** Due to data cleansing in the Austrian 'Ladestellenverzeichnis', it is not possible to provide a complete data extract as at 1 October 2024. The status of the previous month is therefore shown for September 2024.

Imprint

About

The monthly publication "E-Mobility in Austria Facts & Figures" is created by AustriaTech in its role as National Competence Center For E-Mobility ("OLÉ - Österreichs Leitstelle für Elektromobilität") and offers a compact overview of recent developments in e-mobility.
The National Competence Center is a neutral hub and coordination point for the Austrian e-mobility initiatives.

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