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# 10 % fewer new passenger car registrations in 2022

## Cars with alternative drives accounted for around 40 % of all new car registrations, and one fifth of electric cars were registered by private persons

Vienna, 2023-01-12 – According to Statistics Austria, 215 050 passenger cars were newly registered in 2022. That is 10.3 % or 24 753 fewer cars than in the previous year. A total of 305 332 motor vehicles were newly registered, 17.8 % or 65 920 fewer vehicles than in 2021 and 30.0 % or 130 928 fewer vehicles than in the pre-crisis year of 2019.

At 215 050, the number of new passenger car registrations in 2022 is as low as 43 years ago (1979: 214 297 cars). [Note: Thereafter, the number was even lower only in 1981 (198 659) and 1982 (201 155)]. Compared to the pre-crisis year of 2019, new passenger car registrations fell by more than a third (34.7 %) or by 114 313. In 2019, 126 311 diesel passenger cars (2022: 48 155; -61.9 %) and 176 706 petrol passenger cars (2022: 78 567; -55.5 %) were newly registered. In contrast, 9 242 electric passenger cars (2022: 34 165; +269.7 %), 12 348 petrol-hybrid passenger cars (2022: 40 704; +229.6 %) and 4 157 diesel-hybrid passenger cars (2022: 13 422; +222.9 %) were registered.

New registrations of motor caravans (3 077; +180.6 %) and motorcycles (+5 233; +18.9 %) have also increased significantly compared to 2019.

### Only passenger cars with electric drive up; share of alternative drive systems over 40 %

New registrations of diesel-powered cars (48 115; share: 22.4 %) fell by 17.4 %, and those of petrol-powered cars (78 567; share: 36.5 %) by 14.1 %. The share of all alternatively powered passenger cars (88 368) increased by 3.5 percentage points to 41.1 %. Among the alternative drive systems, declines of 5.5 % were observed for petrol-hybrid passenger cars (40 704; share: 18.9 %) and 0.9 % for diesel-hybrid passenger cars (13 422; share: 6.2 %). Only new registrations of all-electric passenger cars achieved a positive balance over 2022, with an increase of 2.4 % and 34 165 new registrations (share: 15.9 %).

Of all new passenger car registrations in 2022, 66.0 % were attributable to legal entities, companies and local authorities and 34.0 % to private vehicle owners. In the case of petrol-powered cars, the share of private owners was well above average at 46.5 %. The ratio was practically the same for diesel cars and purely electrically powered cars (diesel: 78.7 % and electric: 78.8 % legal entities, companies and local authorities resp. 21.3 % and 21.2 % private vehicle owners).

### VW remains market leader ahead of Skoda and BMW

The ten most important passenger car makes claimed a share of 65.6 % of all new passenger car registrations in 2022. VW remained the market leader with a share of 14.9 %, ahead of Skoda (8.7 %), BMW (7.6 %), Audi (5.7 %) and Mercedes (5.4 %). Compared to the previous year, Toyota (+45.0 %), Kia (+5.4 %) and BMW (+4.4 %) recorded increases. In contrast, declines were observed for Seat (-31.3 %), Skoda (-14.1 %), VW (-11.2 %), Ford (-9.2 %), Mercedes (-8.3 %), Hyundai (-7.1 %) and Audi (-1.7 %).

### CO<sub>2</sub> emissions of new passenger car registrations at an average of 134 g/km

The provisional average CO<sub>2</sub> emissions of all newly registered passenger cars in 2022 according to the WLTP test procedure (Worldwide Harmonised Light Vehicles Test Procedure) were 134 g/km (2021: 135 g/km)

excluding electric and hydrogen passenger cars resp. 112 g/km (2021: 116 g/km) including electric and hydrogen passenger cars. Passenger cars with petrol engines had average CO<sub>2</sub> emissions of 138 g/km (2021: 139 g/km), and those with diesel engines 149 g/km (2021: 150 g/km).

### **Predominantly declines in commercial vehicles; motorcycles up**

More **articulated lorries** (3 232; +10.5 %) were newly registered on the commercial vehicle market in 2022. In contrast, the number of newly registered lorries fell by 59.7 % to 25 200 in 2022 compared to the previous year. Compared to 2019, new lorry registrations fell by a total of 47.5 %. The highest losses were in 2022 with 62.5 % to 22 069 for new registrations of class (class) N1 lorries. The reason for this was preferential purchases in 2021 (+56.2 % compared to 2020) due to the introduction of the NoVA obligation for lorries with a total weight of up to 3.5 tonnes at the end of 2021. There were also significant declines in registrations of lorries class N3 (2 745; 18.3 %), **tractors used for agriculture and forestry** (7 303; 14.4 %) and class N2 lorries (386; 2.0 %).

Fewer new registrations were also observed for **two-wheelers**, which fell by 2.4 % to 43 651, with motorcycles having achieved a 1.8 % increase with 32 929 new registrations, while new registrations of mopeds (10 722) declined by 13.5 %.

### **Significant decrease related registrations of used cars**

The used car market also declined in 2022. Compared with the previous year, there was a drop of 13.8 % or 120 054 in the total number of used passenger car registrations. Diesel cars (412 135; –18.5 %) accounted for 54.9 % and petrol cars (286 585; –11.0 %) for 38.2 %. Used registrations of alternatively powered passenger cars increased by 20.6 % to 52 291 and a 7.0 % share. Compared to 2019, fewer used registrations were registered in 2022 for diesel passenger cars (–21.7 %) and for petrol passenger cars (–13.7 %). In contrast, the used car market developed very positively for alternative powered cars (electric: +308.7 %; diesel-hybrid: +531.3 %; petrol-hybrid: +278.2 %).

### **7.27 million vehicles registered in Austria, of which 5.15 million passenger cars**

According to provisional data, around 7.27 million motor vehicles were registered in Austria at the end of 2022 (+0.8 % compared to the end of 2021), 70.9 % thereof or around 5.15 million passenger cars (+0.3 % compared to the previous year). A total of 553 249 lorries (+1.0 %), 484 536 tractors used for agriculture and forestry (+1.2 %) and 20 247 articulated lorries (+2.1 %) were registered. Motor caravans achieved an increase of 8.7 % with 39 638 vehicles. Among single-track vehicles, 614 023 motorcycles (+3.6 %) and 275 523 mopeds (–0.3 % in comparison to the previous year) were registered.

Further information on [newly registered vehicles](#), [used vehicles](#) and the [stock of vehicles](#), can be found on our website; a [press kit](#) (PDF, approx. 3 MB) is available in German language.

**Information on methodology, definitions:** Motor vehicle statistics (registrations of new and used vehicles as well as the stock of vehicles) are secondary statistics, compiled on the basis of daily data files sent to Statistics Austria by Austria's association of insurance companies (VVO). VVO, in turn, receives data by the insurers' registrations offices, responsible for registrations, de-registrations and rectifications of motor vehicles and trailers.

All **new registrations**, i.e. all brand-new registrations, are collected as part of the new vehicle registration statistics, regardless of the duration of the registration (including so-called short-term registrations, e.g. one day registrations).

In the case of the **used motor vehicle registration statistics**, all used vehicle registrations, i.e. registrations of vehicles that have already been registered once nationally or abroad, are surveyed, regardless of the duration of the registration.

Based on the **motor vehicle stock** of the previous year, all registered vehicles of the year – old and new – are added and the deregistrations are deducted, resulting in the annual vehicle stock.

The determination of **CO<sub>2</sub>-emissions** is based on globally harmonized measurements within the framework of the WLTP test procedure ("Worldwide Harmonised Light Vehicles Test Procedure"), which will apply from 1 September 2018 – with a transitional period of up to 18 months; this measurement procedure replaces the "New European Driving Cycle" (NEDC).

**If you have any questions on this topic, please contact:**

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