

Press release: 13 012-040/23

# A total of 5.15 million cars registered at the end of 2022

## Fewer cars per 1 000 inhabitants; number of cars with alternative drive systems on the rise

Vienna, 2023-02-24 – According to Statistics Austria, as of 31 December 2022 5.15 million passenger cars were registered for use. This is 0.3 % or 17 054 more passenger cars than a year earlier. The total number of motor vehicles increased by 0.8 % to 7.27 million. The level of motorisation with 566 passenger cars per 1 000 inhabitants shows a decrease.

“In 2022, the stock of passenger cars hardly increased at all compared with the previous year, after the increase had already been below 1 % in 2021. However, there has been a change in terms of drive systems: While the number of alternatively powered cars continues to rise, the number of diesel vehicles on Austria’s roads is declining. Due to the constant number of vehicles on the road and the rising population, the number of passenger cars per 1 000 inhabitants has fallen”, says Tobias Thomas, General Director of Statistics Austria.

### Increase in alternative fuel types, diesel passenger cars continue to decline

The number of diesel-powered passenger cars decreased by 2.4 % to 2.65 million (2021: –1.6 %), while the number of petrol-powered cars (incl. flex-fuel) remained almost unchanged (–0.1 %; 2.19 million, 2021: +0.1 %; 2.20 million). Electric passenger cars (BEV) recorded an increase of 44.0 % with 110 225 vehicles (2021: +72.0 %). Passenger cars with combined operation (hybrid) also increased (petrol/electric: +36.1 %; diesel/electric: +47.9 %), as did passenger cars with hydrogen drive (fuel cell; +12.7 %). Declines were observed for natural gas passenger cars (petrol/natural gas (bivalent; –6.6 %), natural gas (monovalent –3.4 %). As in the previous year, the share of diesel-powered passenger cars in the total passenger car population of the respective federal provinces was highest in Carinthia and Upper Austria (54.0 % and 53.8 %; 2021: 55.3 % and 55.1 %, respectively), while Vorarlberg registered the highest number of petrol-powered passenger cars (45.7 %) and electric passenger cars (3.0 %). Vienna had the highest share of hybrid cars (5.6 %) and was also at the top of the Austrian rankings in terms of absolute numbers (40 359 cars).

### Fewer cars on 1 000 inhabitants: most in Burgenland, least in Vienna

The population increase (preliminary result on the population level on 1 January 2023) and the decline in new and used car registrations (–10.3 % and –13.8 %, respectively) led to a decrease in car density. Thus, there were 566 passenger cars per 1 000 inhabitants as of the reporting date of 31 December 2022 (572 as of 31 December 2021). Burgenland had the highest number of passenger cars per 1 000 inhabitants (679 per 1 000 inhabitants), followed by Lower Austria (655), Carinthia (654), Upper Austria (639), Styria (621) and Salzburg (569). The federal provinces of Tyrol (547), Vorarlberg (542) and Vienna (366) were below the Austrian average.

Lower Austria recorded the highest number of passenger cars (1 124 797; share: 21.8 %), followed by Upper Austria (972 606; share: 18.9 %), Styria (785 141; share: 15.2 %) and Vienna (726 125; share: 14.1 %). Increases between +0.1 % and +0.5 % were observed in all federal provinces. Burgenland, with 204 563 passenger cars (share: 4.0 %), had the smallest stock, but together with the federal provinces of Upper Austria and Salzburg had the highest proportional increase (+0.5 %). The smallest increase in the number of passenger cars was observed in Vienna (+0.1 %).

## **VW remains Austria's most common car make, Tesla among passenger cars with electric drives**

The top ten passenger car makes had a share of 69.1 %. VW remained the most common car make in Austria with a share of 20.0 %, ahead of Audi (7.6 %), BMW (6.6 %), Skoda (6.5 %), Mercedes (5.8 %), Ford (5.7 %), Opel (5.2 %), Seat (4.3 %), Renault (4.0 %) and Peugeot (3.4 %).

Compared to the previous year, BMW and Skoda (each +2.8 %), Mercedes (+1.5 %), Seat (+1.4 %) and Audi (+0.2 %) recorded increases. Declines were observed for Opel (-3.5 %), Peugeot (-2.5 %), Renault (-1.0 %), Ford (-0.6 %) and VW (-0.3 %).

Among electric passenger cars, the five most common makes were Tesla (18 685; share: 17.0 %), VW (16 967; share: 15.4 %), Renault (12 031; share: 10.9 %), BMW (9 427; share: 8.6 %) and Hyundai (6 954; share: 6.3 %).

## **Growth in commercial vehicles and two-wheelers**

Among commercial vehicles, 498 325 lorries class N1 (lorries; up to 3.5 t maximum permissible weight) were registered (+1.0 %), 484 506 tractors used for agriculture and forestry (tractors and two-axle mowers) (+1.2 %), class N3 lorries (over 12 t maximum permissible weight) 45 234 (+1.0 %), articulated lorries 20 247 (+2.1 %) and 9 690 class N2 lorries (over 3.5 t up to 12 t maximum permissible weight) (-1.7 %). An increase of 8.7 % to 39 638 was observed for motor caravans.

Among single-track vehicles, which increased by 2.4 % overall, 614 023 motorcycles (+3.6 %), 275 523 mopeds (-0.3 %) and 3 165 small motorcycles (+5.9 %) were registered for circulation.

For detailed results and further information, please refer to our [website](#).

**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 insurances' registrations offices, responsible for registrations, de-registrations and rectifications of motor vehicles and trailers. Based on the motor vehicle stock of the previous year, all registered vehicles of the year – old and new – are added and de-registrations are deducted, resulting in the annual stock.

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

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