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One-sixth more new passenger car registrations in the first half of 2023

Almost half of all newly registered passenger cars with alternative drives

Vienna, 2023-07-11 – According to Statistics Austria, 126 690 new passenger cars were registered in the first half of 2023. This represents an increase of 16.7% compared to the first half of 2022. In total, 183 190 new registrations of motor vehicles were observed (+14.5%).

From January to June 2023, new passenger car registrations increased each month compared to the corresponding months of the previous year (January: +20.7%, February: +11.1%, March: +27.4%, April: +13.1%, May: +20.6%, June: +7.7%). Statistics Austria's Director General Tobias Thomas sums up: "New car registrations have regained momentum. The first half of 2023 brought an increase of 16.7% and consistent growth compared to the first six months of the previous year. And yet, the 126 690 newly registered passenger cars were still 28.0% or 49 219 passenger cars below the pre-crisis half-year result of 2019. A total of 183 190 motor vehicles were newly registered in the first half of 2023 – an increase of 14.5% year-on-year, but also 22.8% or 54 248 vehicles below the half-year figure for 2019."

Alternative drive systems up by 40%

In the first half of 2023, petrol-powered passenger cars (43 136, +0.8%) achieved a share of 34.0% of all newly registered cars, Diesel-powered passenger cars (25 278, +4.9%) a share of 20.0%. Petrol-hybrid passenger cars (27 323, +33.2%) accounted for 21.6% and diesel-hybrids (7 568, +13.3%) for 6.0%. Purely electrically powered passenger cars (23 372, +61.3%) accounted for 18.4% of all new passenger car registrations. All together, 58 276 passenger cars newly registered between January and June 2023 had an alternative drive system (+39.6%; share: 46.0%; 2022: 38.4%).

Of the new passenger car registrations in the first half of 2023, 68.4% were attributable to legal entities, companies and local authorities and 31.6% to private vehicle owners, while 21.2% of new registrations of electric cars were by private vehicle owners. This share was at a similar level for diesel cars (19.6% private owners) and twice as high for petrol cars (42.7% private owners).

The top ten passenger car makes continued to be led by VW (18 637; share: 14.7%), followed by Skoda (12 428; share: 9.8%), Audi (8 755; share: 6.9%), BMW (8 606; share: 6.8%) and Seat (7 113; share: 5.6%). With the exception of Ford (-8.5%), gains were observed for all top 10 makes: Tesla +106.9%, Skoda +30.8%, Audi +23.4%, VW +22.9%, Seat +21.7%, Toyota +13.9%, BMW +12.3%, Mercedes +11.7% and Kia +2.8%.

Average CO₂-emissions still above EU target of 95 g/km

According to provisional data (based on the WLTP test procedure), CO₂-emissions from all newly registered passenger cars (including electric and hydrogen drive) in the first half of 2023 were 106.7 g/km (2022: 116.8 g/km). An average value of 138.3 g/km (2022: 138.6 g/km) was observed for newly registered petrol-powered passenger cars and 145.4 g/km (2022: 150.8 g/km) for cars with diesel engines.

Significant increase in commercial vehicles, only agricultural tractors slightly down

Among commercial vehicles, more new registrations were observed in the first half of 2023 for articulated lorries (2 280; +40.1%), lorries class N1 (14 538, +29.2%), lorries class N3 (1 745, +19.7%) and lorries class

N2 (181, +7.7%). Compared to the previous year, new registrations of tractors used for agriculture and forestry decreased (3 798, -5.8 %).

Among two-wheelers, new registrations of motorcycles increased by 9.1% or 1 889 to 22 594 from January to June 2023. The number of newly registered mopeds (5 973, -0.1%) remained virtually unchanged year-on-year.

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

Table 1: Registrations of new motor vehicles

Vehicle type	June 2023	% share	% change vs. 2022	January to June 2023	% share	% change vs. 2022
Passenger cars cat. M1	24 511	67.7	7.7	126 690	69.2	16,7
Motorcycles cat. L3e	5 155	14.2	20.4	22 594	12.3	9,1
Mopeds cat. L1e	1 294	3.6	6.4	5 973	3.3	-0,1
Lorries cat. N1	2 974	8.2	46.4	14 538	7.9	29,2
Lorries cat. N2	30	0.1	3.4	181	0.1	7,7
Lorries cat. N3	272	0.8	9.2	1 745	1.0	19,7
Tractors (agricul., forestry)	689	1.9	9.2	3 798	2.1	-5,8
Articulated lorries	316	0.9	30.0	2 280	1.2	40,1
Motor caravans	306	0.8	-54.0	2 177	1.2	-30,1
Other motor vehicles	640	1.8	17.0	3 214	1.8	7,3
Total motor vehicles	36 187	100.0	10.8	183 190	100.0	14,5

S: STATISTICS AUSTRIA, Motor vehicle statistics. – Rounding differences not balanced.

Table 2: Registrations of new passenger cars by fuel type or power source

Fuel type or power source	June 2023	% share	% change vs. 2022	January to June 2023	% share	% change vs. 2022
Petrol	7 989	32.6	-11.0	43 136	34.0	0.8
Diesel	5 101	20.8	-1.9	25 278	20.0	4.9
Electric	4 612	18.8	35.1	23 372	18.4	61.3
Petrol/Electric (hybrid)	5 478	22.3	35.4	27 323	21.6	33.2
Diesel/Electric (hybrid)	1 324	5.4	18.6	7 568	6.0	13.3
Other alternative drives	7	0.0	0.0	13	0.0	-76.4
Total passenger cars	24 511	100.0	7.7	126 690	100.0	16.7
Petrol and Diesel cars	13 090	53.4	-7.7	68 414	54.0	2.3
Cars with alternative drives	11 421	46.6	33.0	58 276	46.0	39.6

S: STATISTICS AUSTRIA, Motor vehicle statistics. – Rounding differences not balanced.

Table 3: Registrations of new passenger cars by vehicle owner - share in %

Fuel type or power source	June 2023		January to June 2023	
	Legal entities, companies, local authorities	Private vehicle owners	Legal entities, companies, local authorities	Private vehicle owners
Petrol	60.7	39.3	57.3	42.7
Diesel	81.8	18.2	80.4	19.6
Electric	81.0	19.0	78.9	21.1
Benzin/Electric (hybrid)	65.3	34.7	62.0	38.0
Diesel/Electric (hybrid)	85.3	14.7	81.9	18.1

S: STATISTICS AUSTRIA, Motor vehicle statistics. – Rounding differences not balanced.

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.

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).

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