

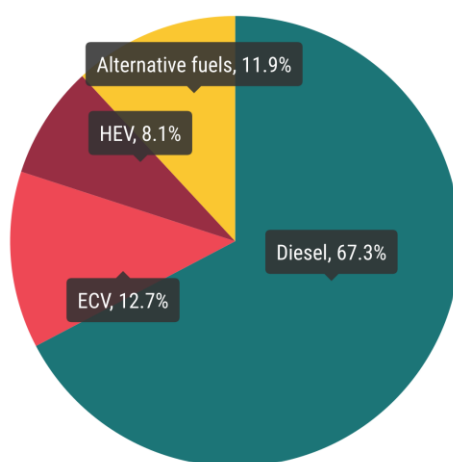
NEW MEDIUM AND HEAVY BUS REGISTRATIONS
BY FUEL TYPE, EUROPEAN UNION¹

PRESS EMBARGO

8.00am CET (7.00am GMT), 15 March 2023

Fuel types of new buses: electric 12.7%, diesel 67.3% market share full-year 2022

■ Petrol ■ Diesel ■ Electrically-chargeable (ECV) ■ Hybrid electric (HEV) ■ Alternative fuels



In 2022, diesel-powered buses remained the most popular in the EU, accounting for 67.3% of all new bus sales (down by 1.5 percentage points compared to 2021). Meanwhile, electrically-chargeable buses continued to gain ground, accounting for 12.7% of the total EU bus market, up from 10.6% in 2021. In total, all alternatively-powered vehicles made up 32.7% of the EU bus market last year.

Diesel and petrol buses

EU registrations of new diesel buses fell by 7.8% in 2022, to 18,500 units sold. However, buses running on diesel remained the most popular of all new buses, accounting for 67.3% of all new bus sales. Three out of the region's four major markets recorded double-digit losses: Germany (-28.9%), France (-21.4%) and Italy (-13.4%). By contrast, Spain experienced a significant increase in new diesel bus registrations (+52.2%).

On the other hand, just three petrol-fuelled buses were sold across the whole region last year.

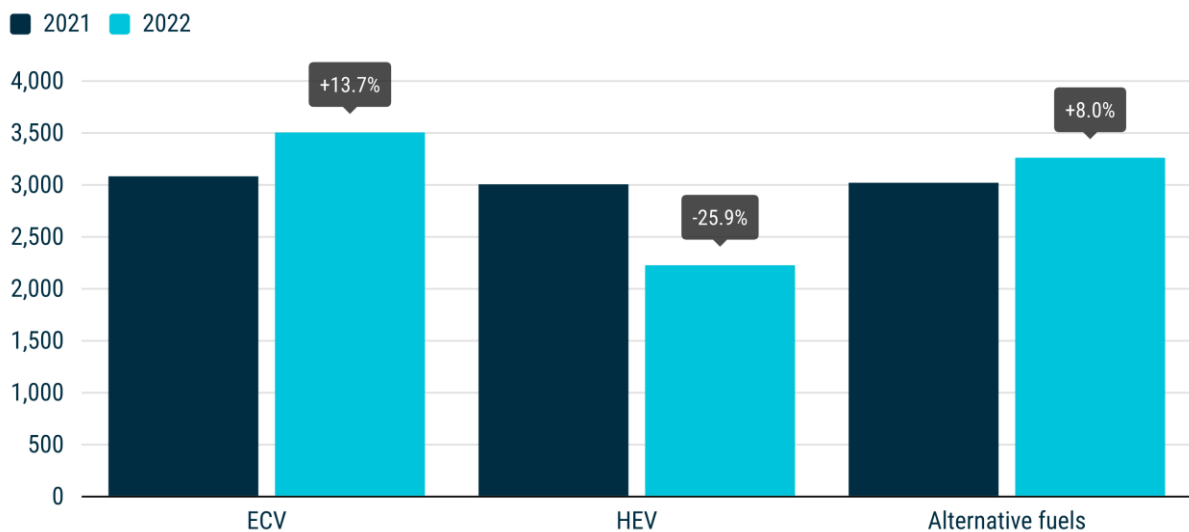
¹ Data for Bulgaria and Malta not available

Alternatively-powered vehicles (APV)

In 2022, sales of new electrically-chargeable² buses in the EU increased by 13.7% to reach 3,505 units, accounting for 12.7% of the total EU bus market. France – the largest market for this fuel type – saw an increase of 26.4%, contributing to the overall positive performance. Germany and Denmark – the second and third biggest markets in volume terms – also recorded strong growth (+10.1% and +79.5% respectively). Together with France, these three countries made up more than 50% of all electric buses registered in the EU.

By contrast, hybrid electric buses lost ground, with sales falling by 25.9% and market share shrinking from 10.3% in 2021 to 8.1% last year. This decline was mainly driven by the sharp drop recorded in Germany (-25.3%), which alone accounts for almost half of all hybrid electric buses registered in the EU.

In total, 11.9% of all new buses and coaches registered in 2022 ran on alternative fuels³, most of which were powered by natural gas. France – the largest market in this category – suffered a decline (-11.5%). However, Italy and Spain posted triple- and double-digit gains (+112.6% and +28.6% respectively). This resulted in an overall growth of 8.0%, with 3,262 units registered across the EU.



² Includes full battery electric, fuel-cell electric, extended-range and plug-in hybrid vehicles

³ Includes natural gas, LPG, biofuels and ethanol vehicles

NEW BUS⁴ REGISTRATIONS, BY MARKET AND FUEL TYPE

IN UNITS

	ELECTRICALLY-CHARGEABLE			HYBRID ELECTRIC			ALTERNATIVE FUELS			PETROL			DIESEL		
	2022	2021	% change	2022	2021	% change	2022	2021	% change	2022	2021	% change	2022	2021	% change
Austria	33	11	+200.0	71	62	+14.5	0	0		0	0		829	814	+1.8
Belgium	68	222	-69.4	241	277	-13.0	16	12	+33.3	0	0		265	434	-38.9
Croatia	0	2	-100.0	10	0		4	25	-84.0	0	0		222	89	+149.4
Cyprus	0	0		0	0		0	0		0	0		58	20	+190.0
Czech Republic	40	2	+1,900.0	25	4	+525.0	28	71	-60.6	0	0		1,070	877	+22.0
Denmark	402	224	+79.5	0	0		8	0		0	0		257	427	-39.8
Estonia	0	0		0	0		257	141	+82.3	0	1	-100.0	50	127	-60.6
Finland	279	191	+46.1	0	0		12	5	+140.0	1	0		125	186	-32.8
France	786	622	+26.4	253	274	-7.7	1,430	1,616	-11.5	0	0		3,414	4,345	-21.4
Germany	675	613	+10.1	1,049	1,405	-25.3	26	52	-50.0	2	0		3,128	4,399	-28.9
Greece	1	0		0	0		0	0		0	0		260	454	-42.7
Hungary	44	47	-6.4	0	0		163	0		0	0		484	963	-49.7
Ireland	18	102	-82.4	34	146	-76.7	0	0		0	0		235	194	+21.1
Italy	126	183	-31.1	119	202	-41.1	572	269	+112.6	0	0		2,438	2,815	-13.4
Latvia	21	24	-12.5	0	0		31	0		0	0		226	227	-0.4
Lithuania	42	3	+1,300.0	0	46	-100.0	0	0		0	0		66	90	-26.7
Luxembourg	138	29	+375.9	10	33	-69.7	8	4	+100.0	0	0		125	92	+35.9
Netherlands	109	189	-42.3	3	0		0	0		0	0		125	149	-16.1
Poland	162	219	-26.0	55	11	+400.0	72	153	-52.9	0	0		867	954	-9.1
Portugal	2	3	-33.3	0	0		48	154	-68.8	0	0		1,355	429	+215.9
Romania	148	69	+114.5	38	97	-60.8	53	7	+657.1	0	0		48	44	+9.1
Slovakia	1	1	+0.0	0	0		43	45	-4.4	0	0		350	483	-27.5
Slovenia	3	0		0	0		10	0		0	0		125	98	+27.6
Spain	148	148	+0.0	319	449	-29.0	387	301	+28.6	0	0		1,490	979	+52.2
Sweden	259	179	+44.7	0	0		94	166	-43.4	0	0		888	383	+131.9
EUROPEAN UNION	3,505	3,083	+13.7	2,227	3,006	-25.9	3,262	3,021	+8.0	3	1	+200.0	18,500	20,072	-7.8
Iceland	0	0		0	0		0	3	-100.0	0	0		25	27	-7.4
Norway	305	101	+202.0	0	0		16	8	+100.0	0	0		278	1,018	-72.7
Switzerland	116	55	+110.9	101	213	-52.6	0	5	-100.0	0	0		254	435	-41.6
EFTA	421	156	+169.9	101	213	-52.6	16	16	+0.0	0	0		557	1,480	-62.4
United Kingdom	774	564	+37.2	1	1	+0.0	48	9	+433.3	0	0		3,425	3,562	-3.8
EU + EFTA + UK	4,700	3,803	+23.6	2,329	3,220	-27.7	3,326	3,046	+9.2	3	1	+200.0	22,482	25,114	-10.5

⁴ New medium and heavy buses and coaches over 3.5 tonnes

NEW BUS REGISTRATIONS, BY MARKET AND FUEL TYPE

MARKET SHARE, 2022

	ELECTRICALLY CHARGEABLE	HYBRID ELECTRIC	ALTERNATIVE FUELS	PETROL	DIESEL
Austria	3.5%	7.6%	0.0%	0.0%	88.9%
Belgium	11.5%	40.8%	2.7%	0.0%	44.9%
Croatia	0.0%	4.2%	1.7%	0.0%	94.1%
Cyprus	0.0%	0.0%	0.0%	0.0%	100.0%
Czech Republic	3.4%	2.1%	2.4%	0.0%	92.0%
Denmark	60.3%	0.0%	1.2%	0.0%	38.5%
Estonia	0.0%	0.0%	83.7%	0.0%	16.3%
Finland	66.9%	0.0%	2.9%	0.2%	30.0%
France	13.4%	4.3%	24.3%	0.0%	58.0%
Germany	13.8%	21.5%	0.5%	0.0%	64.1%
Greece	0.4%	0.0%	0.0%	0.0%	99.6%
Hungary	6.4%	0.0%	23.6%	0.0%	70.0%
Ireland	6.3%	11.8%	0.0%	0.0%	81.9%
Italy	3.9%	3.7%	17.6%	0.0%	74.9%
Latvia	7.6%	0.0%	11.2%	0.0%	81.3%
Lithuania	38.9%	0.0%	0.0%	0.0%	61.1%
Luxembourg	49.1%	3.6%	2.8%	0.0%	44.5%
Netherlands	46.0%	1.3%	0.0%	0.0%	52.7%
Poland	14.0%	4.8%	6.2%	0.0%	75.0%
Portugal	0.1%	0.0%	3.4%	0.0%	96.4%
Romania	51.6%	13.2%	18.5%	0.0%	16.7%
Slovakia	0.3%	0.0%	10.9%	0.0%	88.8%
Slovenia	2.2%	0.0%	7.2%	0.0%	90.6%
Spain	6.3%	13.6%	16.5%	0.0%	63.6%
Sweden	20.9%	0.0%	7.6%	0.0%	71.6%
EUROPEAN UNION	12.7%	8.1%	11.9%	0.01%	67.3%
Iceland	0.0%	0.0%	0.0%	0.0%	100.0%
Norway	50.9%	0.0%	2.7%	0.0%	46.4%
Switzerland	24.6%	21.4%	0.0%	0.0%	53.9%
EFTA	38.4%	9.2%	1.5%	0.0%	50.9%
United Kingdom	18.2%	0.0%	1.1%	0.0%	80.6%
EU + EFTA + UK	14.3%	7.1%	10.1%	0.0%	68.5%