

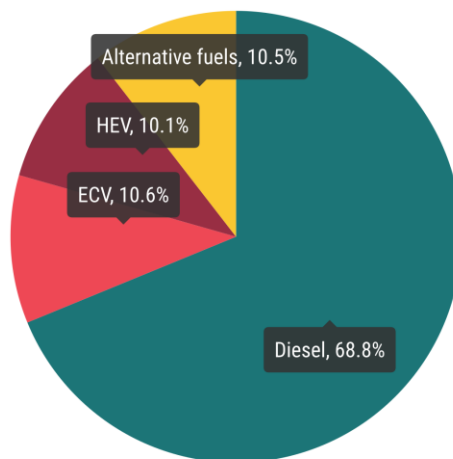
NEW MEDIUM AND HEAVY BUS REGISTRATIONS
BY FUEL TYPE, EUROPEAN UNION¹

PRESS EMBARGO

8.00am CET (7.00am GMT), 15 March 2022

Fuel types of new buses: electric 10.6%, alternative fuels 10.5%, hybrid 10.1%, diesel 68.8% share in 2021

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



Overall in 2021, 68.8% of all new buses registered in the European Union ran on diesel. Electrically-chargeable buses posted strong growth, resulting in their market share increasing from 6.1% in 2020 to 10.6% last year. Alternative fuels powered 10.5% of all new buses sold, while hybrid electric vehicles accounted for 10.1% of the market. Together, all alternatively-powered vehicles made up 31.2% of the EU bus market in 2021.

Diesel and petrol buses

Last year, EU demand for diesel buses fell by 2.9% to 19,895 units, with diesel’s share of the market shrinking from 73.2% in 2020 to 68.8% in 2021. Out of the four major EU markets, only Italy saw an increase (+7.9%) in diesel sales. Spain recorded a double-digit drop (-19.8%), followed by Germany (-8.5%) and France (-2.4%) with more modest decreases. Across the entire European Union, only one petrol-fuelled bus was sold in 2021.

Alternatively-powered vehicles (APV)

In 2021, registrations of new electrically-chargeable (ECV)² buses in the EU saw strong growth (+78.7%), counting 3,064 units and holding a market share of 10.6%. France was the

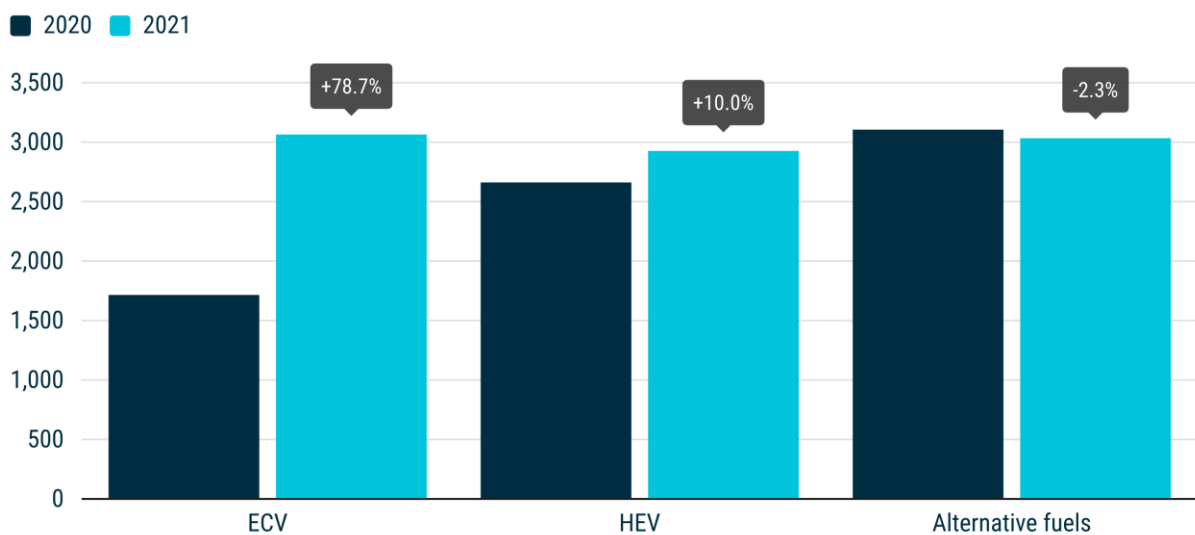
¹ Data for Bulgaria, Lithuania and Malta not available

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

leading market for electric buses with 622 units sold (+247.5%), followed by Germany (613 units; +57.6%) and Denmark (224 units; +3,633%). While the Netherlands still was the EU's biggest electric bus market in 2020, Dutch sales fell by 57.6% last year. France and Germany together accounted for 40.3% of all electric buses sold in the EU in 2021.

Hybrid electric vehicles (HEV) made up 10.1% of the EU bus market last year. Sales of hybrid buses grew by 10.0% in 2021 to reach a total of 2,926 new buses. Germany accounted for nearly half of total hybrid sales with 1,405 units registered throughout the year.

10.5% of new medium and heavy buses in the EU ran on alternative fuels³ in 2021, nearly all of them powered by natural gas. Registrations of new alternative-fuel buses in the European Union declined by 2.3% to 3,033 units last year. France saw a significant increase in sales of buses running on alternative fuels (+61.3%), while both Spain and Italy posted negative growth (-42.6% and -15.2% respectively).



³ Includes natural gas, LPG, biofuels and ethanol vehicles

NEW BUS⁴ REGISTRATIONS BY FUEL TYPE: EU + EFTA + UK (IN UNITS)

	ELECTRICALLY-CHARGEABLE			HYBRID ELECTRIC			ALTERNATIVE FUELS			PETROL			DIESEL		
	2021	2020	%change	2021	2020	%change	2021	2020	%change	2021	2020	%change	2021	2020	%change
Austria	11	14	-21.4	62	75	-17.3	0	8	-100.0	0	0	-	814	775	5.0
Belgium	222	12	1,750.0	277	277	0.0	12	13	-7.7	0	0	-	434	485	-10.5
Croatia	2	0	-	0	0	-	25	20	25.0	0	0	-	89	93	-4.3
Cyprus	0	0	-	0	0	-	0	0	-	0	0	-	20	246	-91.9
Czech Republic	2	6	-66.7	4	0	-	71	261	-72.8	0	0	-	877	1,056	-17.0
Denmark	224	6	3,633.3	0	0	-	0	16	-100.0	0	0	-	427	357	19.6
Estonia	0	0	-	0	0	-	141	121	16.5	1	0	-	127	103	23.3
Finland	191	25	664.0	0	0	-	5	37	-86.5	0	0	-	186	222	-16.2
France	622	179	247.5	274	417	-34.3	1,616	1,002	61.3	0	0	-	4,345	4,451	-2.4
Germany	613	389	57.6	1,405	1,242	13.1	52	11	372.7	0	0	-	4,399	4,808	-8.5
Greece	0	3	-100.0	0	0	-	0	0	-	0	0	-	454	304	49.3
Hungary	47	22	113.6	0	0	-	0	0	-	0	6	-100.0	963	601	60.2
Ireland	104	3	3,366.7	146	0	-	0	0	-	0	0	-	194	127	52.8
Italy	184	97	89.7	201	94	113.8	285	336	-15.2	0	0	-	2,825	2,618	7.9
Latvia	34	0	-	0	0	-	0	0	-	0	0	-	227	93	144.1
Luxembourg	-	-	-	-	-	-	0	0	-	0	0	-	-	-	-
Netherlands	189	446	-57.6	0	79	-100.0	0	0	-	0	0	-	149	118	26.3
Poland	219	200	9.5	11	31	-64.5	153	165	-7.3	0	0	-	949	1,064	-10.8
Portugal	3	10	-70.0	0	0	-	154	102	51.0	0	0	-	429	300	43.0
Romania	69	84	-17.9	97	152	-36.2	7	0	-	0	0	-	44	67	-34.3
Slovakia	1	0	-	0	0	-	45	25	80.0	0	0	-	483	265	82.3
Slovenia	0	3	-100.0	0	0	-	0	0	-	0	0	-	98	61	60.7
Spain	148	51	190.2	449	294	52.7	301	524	-42.6	0	0	-	979	1,221	-19.8
Sweden	179	165	8.5	0	0	-	166	464	-64.2	0	0	-	383	1,045	-63.3
EUROPEAN UNION	3,064	1,715	78.7	2,926	2,661	10.0	3,033	3,105	-2.3	1	6	-83.3	19,895	20,480	-2.9
Iceland	0	0	-	0	0	-	2	0	-	0	0	-	28	13	115.4
Norway	99	226	-56.2	0	0	-	8	135	-94.1	0	0	-	976	1,009	-3.3
Switzerland	55	22	150.0	213	198	7.6	5	0	-	0	0	-	435	450	-3.33
EFTA	154	248	-37.9	213	198	7.6	15	135	-88.9	0	0	-	1,439	1,472	-2.2
United Kingdom	559	303	84.5	1	0	-	9	106	-91.5	0	0	-	3,528	4,265	-17.3
EU + EFTA + UK	3,777	2,266	66.7	3,140	2,859	9.8	3,057	3,346	-8.6	1	6	-83.3	24,862	26,217	-5.2

⁴ New medium and heavy buses and coaches over 3.5 tonnes

NEW BUS REGISTRATIONS BY FUEL TYPE: EU + EFTA + UK (MARKET SHARE, 2021)

	ELECTRICALLY CHARGEABLE	HYBRID ELECTRIC	ALTERNATIVE FUELS	PETROL	DIESEL
Austria	1.2%	7.0%	0.0%	0.0%	91.8%
Belgium	23.5%	29.3%	1.3%	0.0%	45.9%
Croatia	1.7%	0.0%	21.6%	0.0%	76.7%
Cyprus	0.0%	0.0%	0.0%	0.0%	100.0%
Czech Republic	0.2%	0.4%	7.4%	0.0%	91.9%
Denmark	34.4%	0.0%	0.0%	0.0%	65.6%
Estonia	0.0%	0.0%	52.4%	0.4%	47.2%
Finland	50.0%	0.0%	1.3%	0.0%	48.7%
France	9.1%	4.0%	23.6%	0.0%	63.4%
Germany	9.5%	21.7%	0.8%	0.0%	68.0%
Greece	0.0%	0.0%	0.0%	0.0%	100.0%
Hungary	4.7%	0.0%	0.0%	0.0%	95.3%
Ireland	23.4%	32.9%	0.0%	0.0%	43.7%
Italy	5.3%	5.8%	8.2%	0.0%	80.8%
Latvia	13.0%	0.0%	0.0%	0.0%	87.0%
Luxembourg	-	-	-	-	-
Netherlands	55.9%	0.0%	0.0%	0.0%	44.1%
Poland	16.4%	0.8%	11.5%	0.0%	71.2%
Portugal	0.5%	0.0%	26.3%	0.0%	73.2%
Romania	31.8%	44.7%	3.2%	0.0%	20.3%
Slovakia	0.2%	0.0%	8.5%	0.0%	91.3%
Slovenia	0.0%	0.0%	0.0%	0.0%	100.0%
Spain	7.9%	23.9%	16.0%	0.0%	52.2%
Sweden	24.6%	0.0%	22.8%	0.0%	52.6%
EUROPEAN UNION	10.6%	10.1%	10.5%	0.003%	68.8%
Iceland	0.0%	0.0%	6.7%	0.0%	93.3%
Norway	9.1%	0.0%	0.7%	0.0%	90.1%
Switzerland	7.8%	30.1%	0.7%	0.0%	61.4%
EFTA	8.5%	11.7%	0.8%	0.0%	79.0%
United Kingdom	13.6%	0.0%	0.2%	0.0%	86.1%
EU + EFTA + UK	10.8%	9.0%	8.8%	0.003%	71.4%