

Europe Passenger Cars Sales by Fuel (1Q2022)

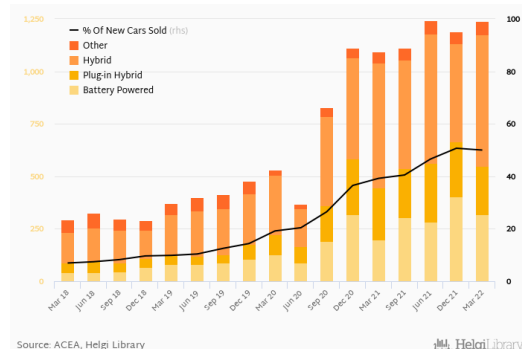
Sales of New Electric Cars in Europe rose 22.7% in 1Q2022

Sales of new electrically-chargeable passenger cars reached 548 thousand in the first quarter of 2022 in Europe, according to ACEA. Share of electric chargeable vehicles increased to 22.1% of all new passenger cars sold in 1Q2022, up from 16.0% seen in the first quarter of 2021.

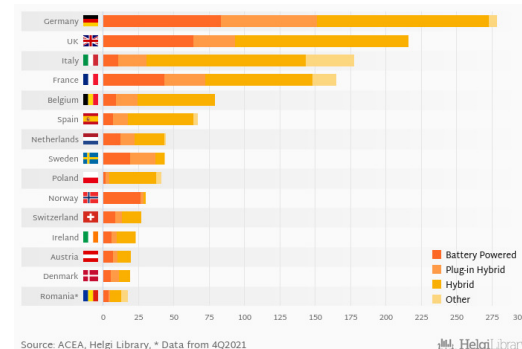
- ✓ Most electric vehicles (152 thousand) were sold in Germany (up 6.08% yoy), followed by the United Kingdom (93.9 thousand, up 60.9%), France with 72.8 thousand cars (up 18.0%), 37.4 thousand new vehicles were registered in Sweden (up 15.4%) and 30.9 thousand in Italy (up 3.81%).
- ✓ In relative terms, Norway liked the electric chargeable vehicles the most with 90.1% of all new passenger cars sold followed by Iceland (65.9%) and Sweden (53.6%).
- ✓ Altogether, sale of alternative powered vehicles, including chargeable, hybrid and other alternative fuels vehicles (fuelled by NGV, LPG, or ethanol), accounted for 50.0% of new cars sold in the first quarter of 2022.
- ✓ Sales of traditionally-powered vehicles using petrol and diesel reached 371 thousand in the first quarter of 2022. The share of petrol reached 35.1% and share of diesel-powered vehicles 15.0% of all new passenger cars sold in 1Q2022.

Country	Mar 2022	Yoy Change
Germany	152	6.08%
UK	93.9	60.9%
France	72.8	18.0%
Sweden	37.4	15.4%
Italy	30.9	3.81%
Norway	29.1	-2.18%
Belgium	24.9	47.8%
Netherlands	22.4	83.3%
Spain	17.7	67.2%
Switzerland	13.8	52.6%
Denmark	11.5	9.42%
Austria	10.4	0.048%
Ireland	10.2	84.0%
Portugal	7.62	52.8%
Finland	7.47	3.16%
Poland	4.73	61.7%
Luxembourg	2.68	18.2%
Hungary	2.54	72.0%
Iceland	2.12	96.8%
Romania	2.11	408%

Sales of Alternately Powered Vehicles
Number of Vehicles (thousand), 1Q2022, Europe



Sales of Alternately Powered Vehicles
Number of Vehicles (thousand), 1Q2022, Europe



Data tells a story

Sales of New Electric Cars in Europe rose 22.7% in 1Q2022

Sales of electrically-chargeable vehicles amounted to 548 thousand in 1Q2022, 101 thousand more than the last year.

Electric cars represented 22.1% of all new cars sold in 1Q2022, up from 16.0% a year ago.

Most electric vehicles have been sold in Germany (152 thousand), while Romania registered the biggest increase in sales when compared to last year.

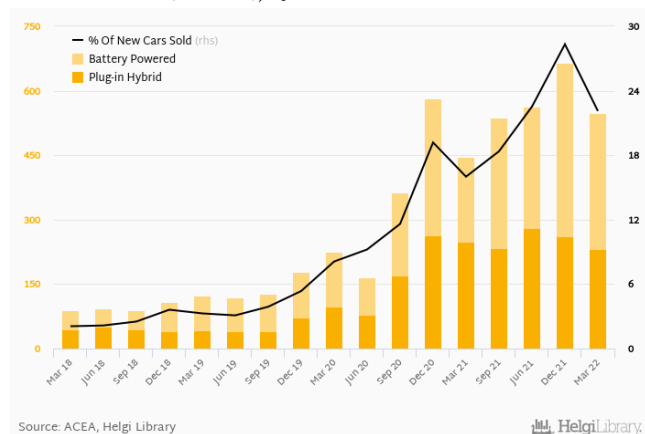
Electric Chargeable Cars

Sales of new electrically-chargeable passenger cars (battery electric and plug-in hybrid electric vehicles) reached 548 thousand in the first quarter of 2022 in the enlarged Europe (EU plus Iceland, Norway and Switzerland), according to ACEA. This is 22.7% more, or 447 thousand more than in the previous year.

Share of electric chargeable vehicles increased to 22.1% of all new passenger cars sold in 1Q2022, up from 16.0% seen in the first quarter of 2021. Most electric vehicles (152 thousand) were sold in Germany (up 6.08% yoy), followed by the United Kingdom (93.9 thousand, up 60.9%), France with 72.8 thousand cars (up 18.0%), 37.4 thousand new vehicles were registered in Sweden (up 15.4%) and 30.9 thousand in Italy (up 3.81%). The five largest countries accounted for 70.5% of total new vehicles registered in the first quarter of 2022:

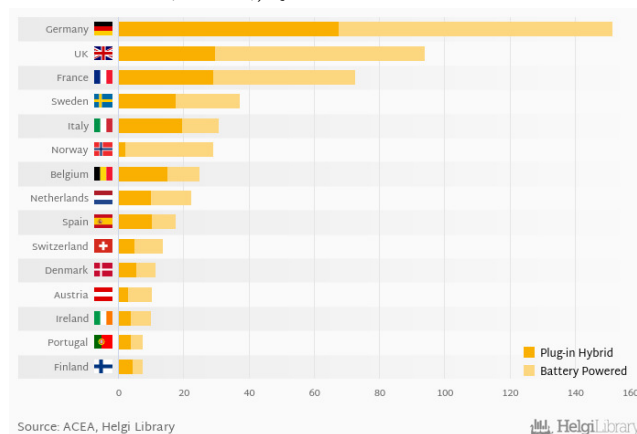
Sale of Electric Chargeable Vehicles in Europe

Number of Vehicles (thousand), 1Q2022



Sales of Electric Chargeable Vehicles in Europe by Country

Number of Vehicles (thousand), 1Q2022



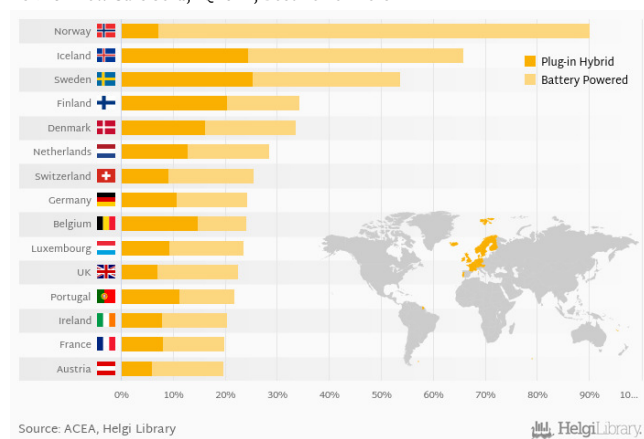
As partly seen above, the sale of battery-electric (BEV) increased by 59.3% when compared to last year, while registration of plug-in hybrid vehicles (PHEV) fell by 6.72%.

In relative terms, Norway liked the electric chargeable vehicles the most in the first quarter of 2022 with 90.1% of all new passenger cars sold followed by Iceland (65.9%) and Sweden (53.6%).

On the other end of the scale was Cyprus with only 3.30%, Czechia with 3.25% and Bulgaria with just 2.76% of electric cars sold, as % of total:

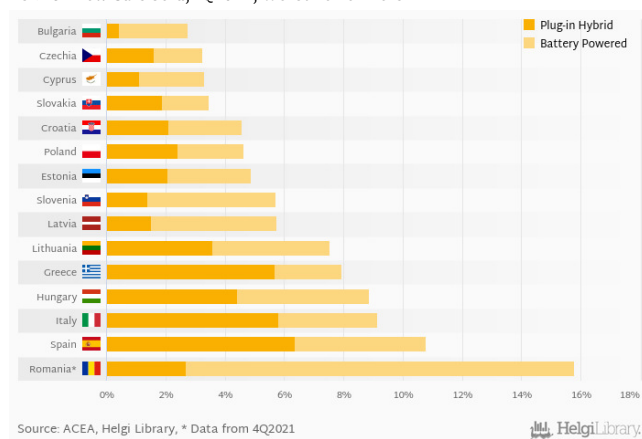
Sales of Electric Chargeable Vehicles in Europe by Country

As % Of New Cars Sold, 1Q2022, Best Performers



Sales of Electric Chargeable Vehicles in Europe by Country

As % Of New Cars Sold, 1Q2022, Worst Performers



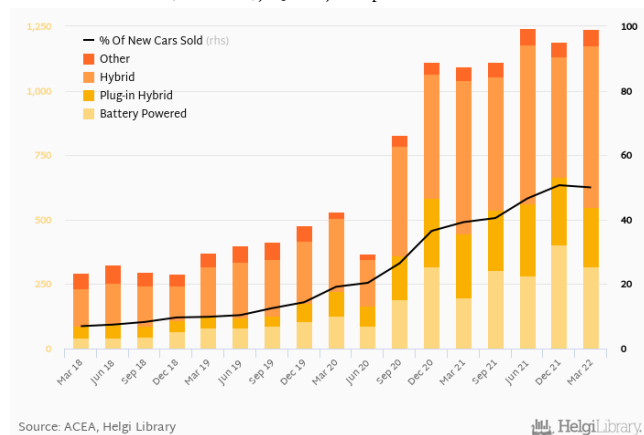
Hybrid Electric and Other Alternately-Powered Cars

When hybrid electric vehicles (cars that combine a conventional internal combustion engine system with an electric propulsion system) and other alternately-powered cars (such as natural gas vehicles (NGV), LPG-fueled vehicles and ethanol (E85) vehicles) are included, total sales of alternately-powered cars (other than using diesel or petrol) amounted to 1,240 thousand vehicles in the first quarter of 2022. This is 13.1% more, or 144 thousand more than in the previous year.

Together with electric chargeable vehicles, the share of total alternately-powered vehicles increased to 50.0% of all new passenger cars sold in 1Q2022, up from 39.2% seen in the first quarter of 2021:

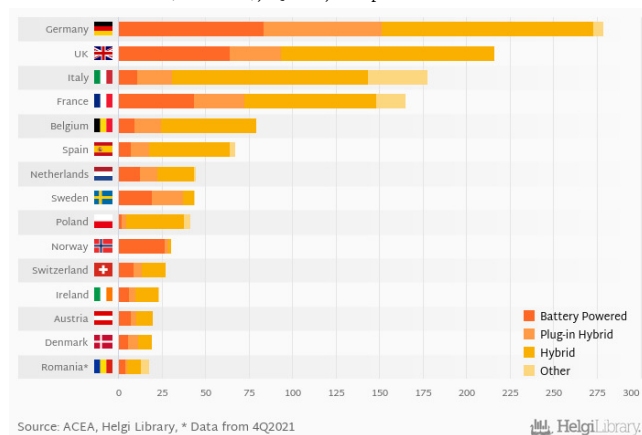
Sales of Alternatively Powered Vehicles

Number of Vehicles (thousand), 1Q2022, Europe



Sales of Alternatively Powered Vehicles

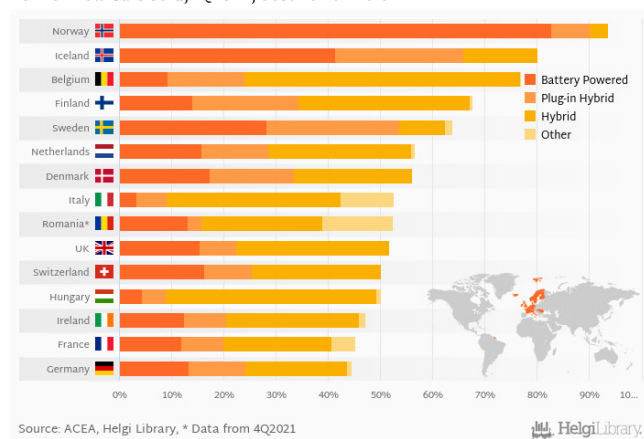
Number of Vehicles (thousand), 1Q2022, Europe



In relative terms, Norway liked the alternatively-powered vehicles the most in the first quarter of 2022 with 93.8% of all new passenger cars sold followed by Iceland (80.2%) and Belgium (77.1%). On the other hand, alternatively-fuelled cars represented only 20.5% of all cars sold in Slovenia, 20.0% in the Czechia and 5.83% in Bulgaria, according to ACEA.

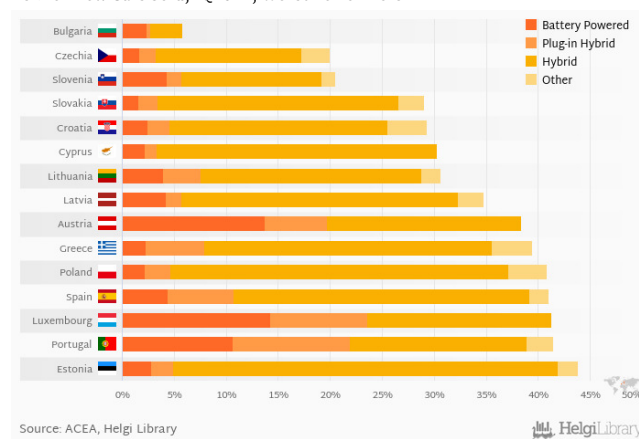
Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 1Q2022, Best Performers



Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 1Q2022, Worst Performers



Petrol and Diesel-Powered Cars

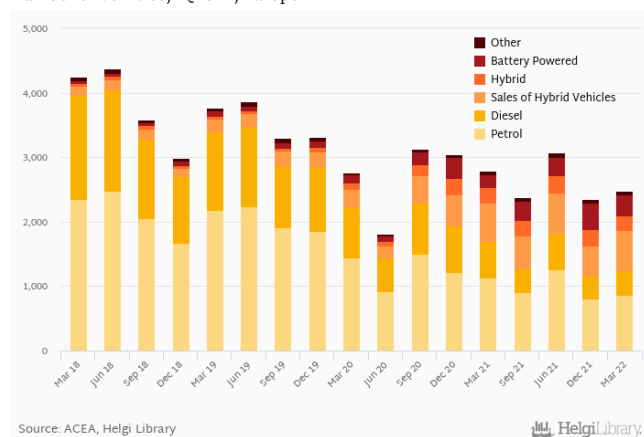
Sales of traditionally-powered vehicles using petrol and diesel reached 1,240 thousand in the first quarter of 2022 in the enlarged Europe, according to ACEA. This is 27%, or 458 thousand fewer than in the previous year.

Some 869 thousand petrol-powered vehicles were sold, down 23.1% when compared to a year ago. The share decreased to 35.1% of all new passenger cars sold in 1Q2022, down from 40.4% seen in the first quarter of 2021. Share of diesel-powered cars fell to 15.0% (from 20.3% in 1Q2021) with 371 thousand cars sold in the first quarter of 2022.

As a result, share of traditionally-powered cars amounted to 50.0% of all new passenger cars sold in 1Q2022, down from 60.8% seen in the first quarter of 2021.

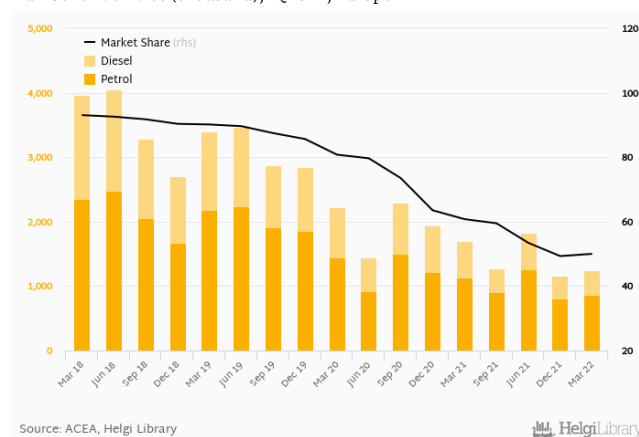
Sales of Vehicles in the EU by Power

Number of Vehicles, 1Q2022, Europe



Sales of Traditionally-Powered Vehicles in the EU

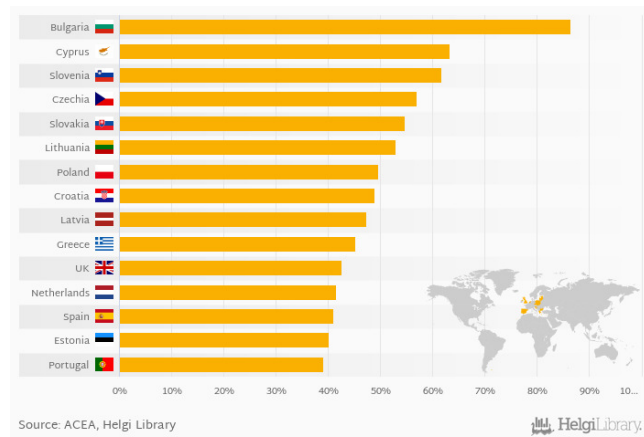
Number of Vehicles (thousand), 1Q2022, Europe



In relative terms, Bulgaria liked the petrol-fuelled vehicles the most in the first quarter of 2022 with 86.6% of all new passenger cars sold followed by Cyprus (63.3%) and Slovenia (61.8%). On the other hand, diesel-powered cars were preferred most in Ireland (25.8% of all cars sold), followed by Luxembourg (with 23.5%) and the Czechia (23.0%).

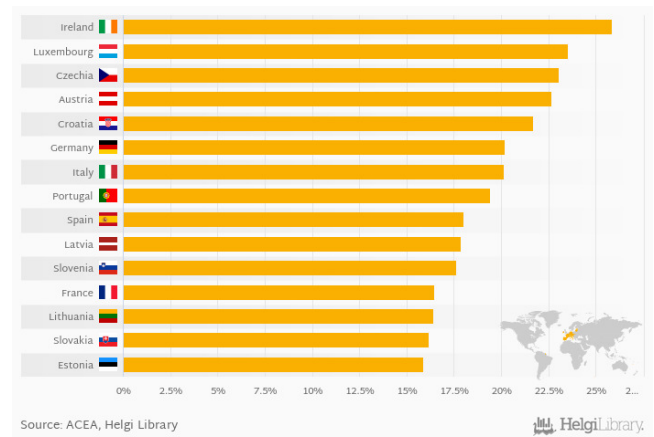
Sales of Petrol-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 1Q2022



Sales of Diesel-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 1Q2022



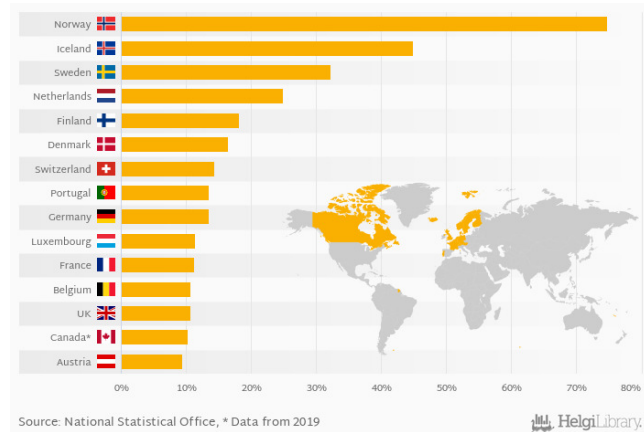
Relative and Absolute Sales of Cars by Power

The following charts show where the most cars are sold absolutely and relatively in Europe and elsewhere in the world:

1. Electric Passenger Cars

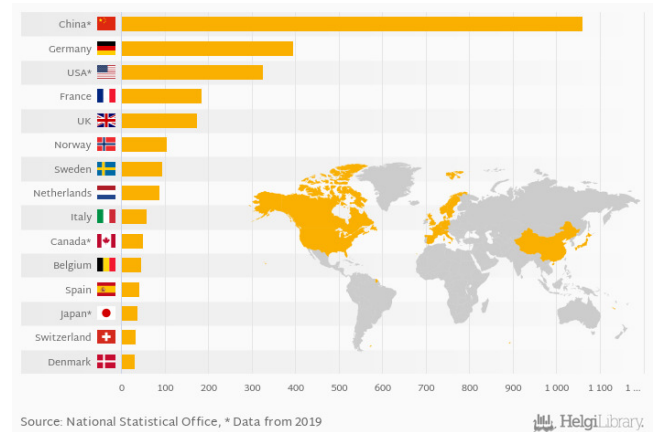
Which Country Loves Electric Cars the Most?

Electric vehicles (%), 2020



Which Country Sells the Most Electric Cars?

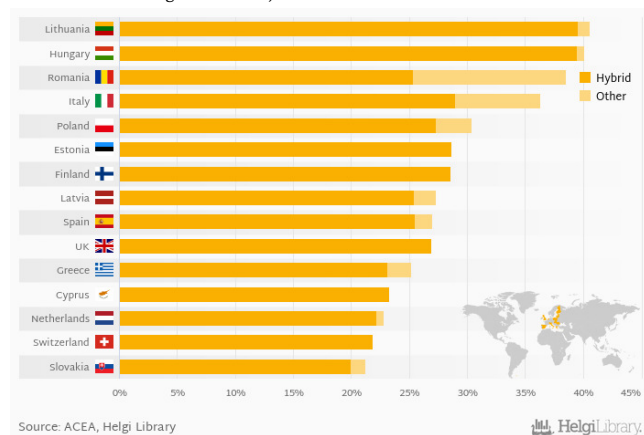
Sales Of Electric Cars (thousand), 2020



2. Alternative Fuelled Passenger Cars (LPG, CNG)

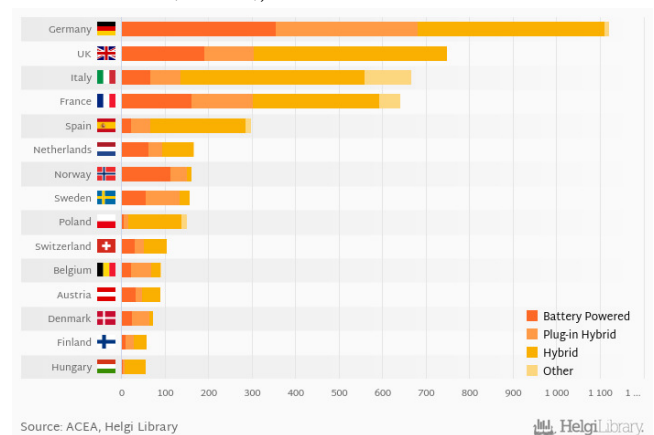
Which Country Loves Alternative Cars the Most?

As % of New Passenger Cars Sold, 2021



Sales of Alternatively Powered Vehicles

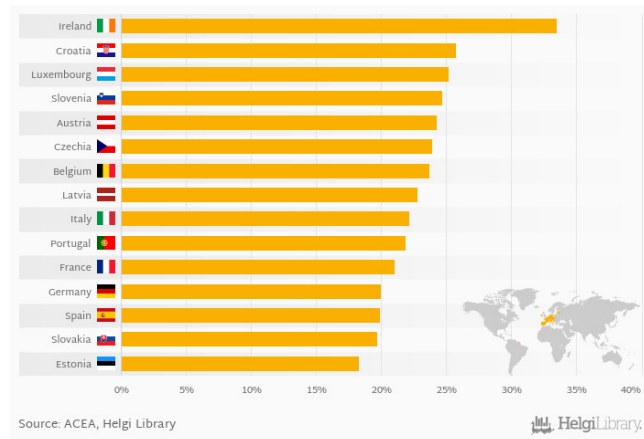
Number of Vehicles (thousand), 2021



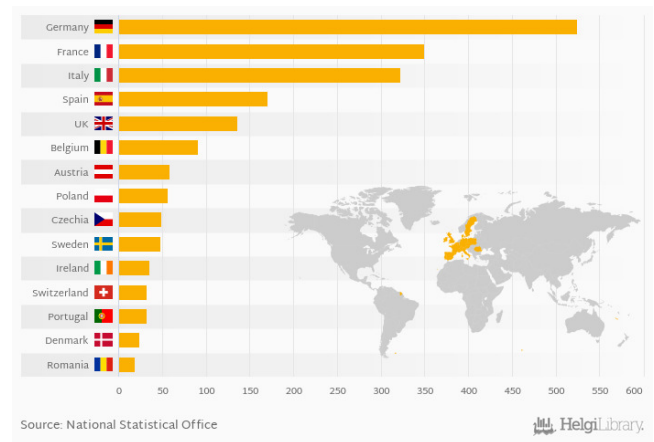
3. Diesel Fuelled Passenger Cars

Who Likes Diesel-fuelled Cars the Most?

Diesel-Fuelled Cars as % of New Cars Sold (%), 2021



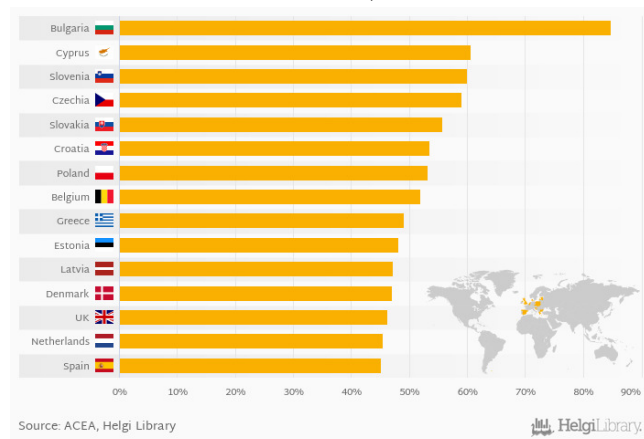
TOP 15



4. Petrol Fuelled Passenger Cars

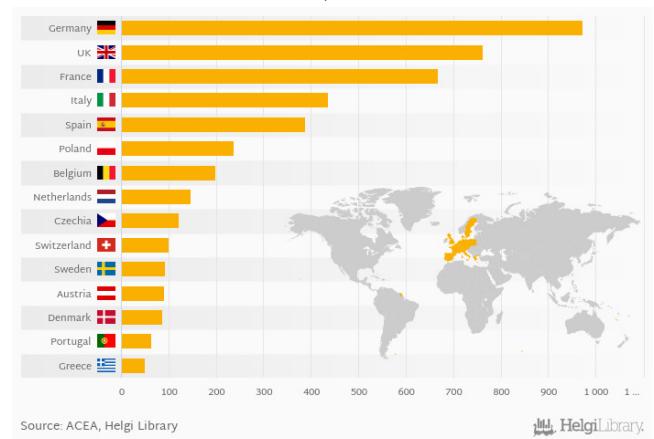
Who Likes Petrol-Fuelled Cars the Most?

Petrol-Fuelled Cars as % of New Cars Sold (%), 2021



Which Country Sells the Most Petrol-Fuelled Cars?

Sales of Petrol-Fuelled Cars (thousand), 2021





Sales of Electric Chargeable Passenger Cars in Europe (thousands of vehicles)

COUNTRY	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022
Austria	3.76	5.99	10.2	10.3	12.9	12.2	12.5	10.4
Belgium	6.36	12.4	19.9	16.8	18.4	17.4	17.9	24.9
Bulgaria	...	...	...	0.086	0.242	0.116	0.150	0.184
Croatia	...	...	0.330	0.201	0.352	0.460	0.861	0.457
Cyprus	0.007	0.011	0.020	0.055	0.048	0.020	0.028	0.101
Czechia	0.681	0.908	2.33	1.53	1.94	1.47	1.70	1.54
Denmark	4.11	10.2	14.1	10.5	15.3	17.2	22.4	11.5
Estonia	0.070	0.118	0.172	0.139	0.226	0.150	0.148	0.254
Finland	2.73	4.93	5.20	7.24	8.87	6.29	7.89	7.47
France	29.8	45.7	74.8	61.7	82.6	64.5	94.4	72.8
Germany	41.5	111	190	143	170	166	204	152
Greece	0.208	0.515	1.25	1.30	1.91	1.60	2.16	1.78
Hungary	0.903	1.60	2.53	1.48	1.79	2.26	3.02	2.54
Iceland	0.651	1.16	1.23	1.08	1.60	2.01	2.30	2.12
Ireland	0.373	2.90	0.553	5.55	2.95	6.78	1.27	10.2
Italy	7.39	14.2	29.9	29.8	38.6	32.1	37.2	30.9
Latvia	0.074	0.147	0.104	0.097	0.170	0.124	0.174	0.212
Lithuania	0.074	0.167	0.125	0.122	0.245	0.273	0.572	0.490
Luxembourg	0.712	1.49	2.17	2.27	2.21	2.10	2.52	2.68
Netherlands	8.14	19.1	49.9	12.2	19.9	21.2	41.8	22.4
Norway	18.0	27.0	38.2	29.8	39.6	39.8	42.8	29.1
Poland	1.22	2.06	3.54	2.93	4.04	3.92	5.61	4.73
Portugal	2.64	4.73	7.55	4.98	7.57	6.86	9.51	7.62
Romania	0.328	0.807	1.44	0.415	0.459	1.95	5.34	2.11
Slovakia	0.310	0.474	0.376	0.397	0.595	0.553	0.726	0.666
Slovenia	0.323	0.402	0.664	0.364	0.406	0.495	0.640	0.729
Spain	3.49	10.4	20.1	10.6	17.8	16.5	22.1	17.7
Sweden	14.1	24.0	37.5	32.4	36.8	27.9	38.3	37.4
Switzerland	4.70	9.11	14.7	9.07	13.6	17.2	13.8	13.8
UK	18.5	58.4	66.2	58.4	73.7	80.1	93.1	93.9
EU	167	363	584	447	564	537	666	548

Source: ACEA, Helgi Library



Sales of Hybrid Passenger Cars in Europe (thousands of vehicles)

COUNTRY	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022
Austria	5.11	7.21	9.29	10.2	12.4	10.3	9.14	9.74
Belgium	2.87	3.85	2.88	66.7	5.29	4.98	4.01	54.5
Bulgaria	0.212	0.120	0.114	0.151	0.418	0.167	0.150	0.201
Croatia	0.422	0.551	0.721	1.37	2.02	1.67	1.38	2.09
Cyprus	0.336	0.295	0.364	0.500	0.736	0.817	0.562	0.824
Czechia	2.27	3.02	4.95	5.40	7.64	4.88	6.18	6.65
Denmark	1.67	2.60	3.05	7.45	2.71	2.10	1.88	7.74
Estonia	0.484	0.684	0.759	1.44	2.01	1.70	1.23	1.92
Finland	3.13	5.19	5.32	8.17	8.10	6.69	5.15	7.12
France	30.4	49.3	59.1	70.8	82.4	63.9	72.8	75.8
Germany	46.5	96.4	121	101	120	113	95.1	122
Greece	2.12	3.25	3.79	5.06	7.32	5.90	5.11	6.19
Hungary	5.18	9.14	11.8	12.9	12.6	11.6	11.0	11.6
Iceland	0.249	0.404	0.223	0.331	0.926	0.712	0.302	0.459
Ireland	0.276	4.07	0.308	9.21	2.70	6.60	0.739	12.7
Italy	27.6	62.9	96.7	120	123	85.5	93.8	113
Latvia	0.340	0.542	0.518	0.792	1.10	1.07	0.678	0.978
Lithuania	0.825	4.20	2.18	0.775	4.74	2.70	1.59	1.38
Luxembourg	0.698	1.10	1.15	1.77	2.16	1.84	1.46	2.01
Netherlands	6.87	13.6	15.5	19.2	19.0	17.5	16.1	21.5
Norway	2.56	2.89	3.55	2.57	3.42	2.06	1.73	1.18
Poland	9.47	17.2	25.9	30.8	33.1	30.9	28.4	33.1
Portugal	1.50	2.94	4.64	4.13	6.39	4.15	4.42	5.90
Romania	2.27	4.08	5.67	5.52	6.96	10.4	7.88	7.90
Slovakia	1.26	2.00	2.64	2.61	4.64	4.23	3.68	4.44
Slovenia	0.317	0.415	0.416	1.31	0.935	1.42	1.46	1.72
Spain	16.7	40.3	51.0	41.0	66.8	50.6	61.0	46.7
Sweden	3.72	7.05	7.15	6.14	7.01	4.72	4.32	6.12
Switzerland	4.71	7.88	12.5	11.6	14.1	13.1	13.4	13.4
UK	23.2	114	84.4	109	133	123	78.8	122
EU	180	425	482	595	615	517	469	627

Source: ACEA, Helgi Library



Sales of Alternatively-Powered Passenger Cars Other Than Electric in Europe (thousands of vehicles)

COUNTRY	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022
Austria	0.003	0.001	0.012	0.025	0.036	0.018	0.007	0.034
Belgium	0.342	0.410	0.193	0.388	0.894	0.721	0.629	0.144
Bulgaria	0.034	0	0.001	0.012	0.027	0	0.023	0.004
Croatia	0.101	0.225	0.324	0.327	0.581	0.579	0.510	0.378
Cyprus	0	0	0	0	0	0.001	0	0
Czechia	0.168	1.53	0.592	0.497	0.913	2.19	0.856	1.28
Denmark	0	0	0	0	0	0	0	0
Estonia	0	0	0	0.188	0.095	0.121	0.062	0.102
Finland	0	0	0	0.307	0.275	0.193	0.146	0.135
France	3.49	6.71	5.89	9.42	12.8	13.6	13.2	16.5
Germany	0.732	2.38	3.27	2.52	3.71	3.27	4.56	5.72
Greece	0.014	0.132	0.295	0.533	0.884	0.986	0.991	0.869
Hungary	0.018	0.175	0.140	0.206	0.056	0.211	0.239	0.231
Iceland	0	0	0.001	0.001	0.001	0.001	0.004	0
Ireland	0	0	0	0.024	0	0.179	0.017	0.573
Italy	16.2	26.7	29.7	36.5	40.8	31.3	29.7	34.5
Latvia	0.042	0.024	0.058	0.043	0.075	0.085	0.077	0.092
Lithuania	0	0.022	0.051	0.050	0.076	0.101	0.090	0.122
Luxembourg	0	0	0	0	0.001	0.002	0	0.002
Netherlands	0.341	0.758	0.732	0.399	0.576	0.565	0.718	0.568
Norway	0	0	0	0	0	0	0	0
Poland	1.19	2.69	4.82	3.06	3.18	3.32	4.05	3.84
Portugal	0.348	0.466	0.907	0.435	0.734	0.965	1.42	0.914
Romania	1.07	2.87	5.25	1.67	2.91	6.85	4.52	3.32
Slovakia	0.120	0.187	0.193	0.217	0.303	0.357	0.311	0.473
Slovenia	0.046	0.058	0.076	0.123	0.160	0.144	0.145	0.171
Spain	1.08	3.57	4.24	2.56	3.11	4.28	4.10	3.02
Sweden	0.003	0.007	0	0.404	0.693	0.835	0.725	0.933
Switzerland	0.001	0.001	0	0.066	0.085	0.041	0.097	0.032
UK	0	0	0	0	0	0	0	0
EU	22.6	41.1	45.2	53.5	64.6	57.0	56.3	64.0

Source: ACEA, Helgi Library



Sales of Diesel-fuelled Passenger Cars in Europe (thousands of vehicles)

COUNTRY	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022
Austria	21.6	18.3	22.5	16.3	17.8	12.3	11.9	11.9
Belgium	29.0	39.4	33.2	6.12	27.4	16.9	14.5	3.55
Bulgaria	1.50	0.910	0.677	0.573	2.69	0.889	0.774	0.507
Croatia	2.63	4.03	2.77	3.09	3.99	2.83	1.67	2.17
Cyprus	0.610	0.807	0.624	0.511	0.368	0.332	0.279	0.198
Czechia	12.0	16.1	16.3	13.6	14.9	9.56	10.5	10.9
Denmark	8.73	10.4	12.6	5.59	7.39	4.76	4.72	2.29
Estonia	0.812	1.32	1.23	1.42	1.35	0.737	0.580	0.825
Finland	2.95	3.21	2.68	2.61	2.62	1.88	1.28	1.44
France	102	139	142	108	105	64.0	73.0	60.2
Germany	159	227	210	158	156	112	97.8	126
Greece	4.31	5.78	6.37	5.05	5.85	3.69	2.97	3.44
Hungary	4.83	7.67	8.17	6.00	5.56	4.25	3.20	3.27
Iceland	0.364	0.687	0.300	0.332	0.600	0.342	0.275	0.350
Ireland	1.49	13.0	1.86	17.6	5.43	11.0	1.08	12.9
Italy	84.5	132	117	112	99.0	58.3	53.5	68.1
Latvia	0.879	1.21	1.07	1.07	0.863	0.758	0.586	0.658
Lithuania	0.946	1.77	2.75	1.16	1.40	0.909	0.724	1.07
Luxembourg	3.34	4.80	3.89	3.77	3.26	2.09	2.08	2.67
Netherlands	2.64	3.18	1.69	2.16	2.43	1.47	0.898	1.43
Norway	3.21	3.10	2.37	2.09	2.20	1.36	1.44	1.01
Poland	13.2	21.9	24.4	17.0	17.1	11.7	11.4	9.70
Portugal	6.33	13.6	12.2	8.16	10.9	6.05	6.91	6.75
Romania	6.19	8.39	11.0	4.93	5.35	6.19	3.93	3.99
Slovakia	3.55	5.49	5.06	4.04	4.38	3.53	2.96	3.11
Slovenia	4.50	4.96	3.54	4.81	3.84	2.53	2.14	2.25
Spain	36.2	70.0	70.0	42.8	53.0	34.9	40.5	29.6
Sweden	15.9	15.9	16.0	19.5	12.9	7.73	8.19	8.89
Switzerland	7.99	13.7	14.2	9.36	10.0	6.49	6.55	6.39
UK	27.5	90.1	52.7	48.6	44.5	24.5	18.2	23.7
EU	517	803	722	568	567	370	346	371

Source: ACEA, Helgi Library



Sales of Petrol-fuelled Passenger Cars in Europe (thousands of vehicles)

COUNTRY	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022
Austria	27.5	29.0	26.0	26.6	27.7	20.8	16.4	20.4
Belgium	50.1	60.1	41.0	29.2	61.2	41.2	32.5	20.1
Bulgaria	2.35	5.82	4.44	4.75	3.97	5.50	4.84	5.78
Croatia	4.27	5.91	3.79	5.50	8.86	5.93	3.75	4.90
Cyprus	1.04	1.61	1.43	1.68	1.82	1.62	1.17	1.94
Czechia	29.0	31.5	30.2	28.5	37.8	30.9	25.8	27.0
Denmark	25.0	30.6	26.3	20.3	27.2	19.4	16.4	12.7
Estonia	1.97	2.87	2.21	2.54	3.53	2.89	1.78	2.09
Finland	9.85	12.2	9.60	9.65	8.88	6.87	5.35	5.57
France	185	210	201	192	198	132	145	140
Germany	260	393	350	252	285	232	203	221
Greece	8.27	13.4	8.93	11.5	19.0	11.2	7.93	10.2
Hungary	12.1	15.8	15.3	11.6	12.5	11.4	9.95	11.0
Iceland	0.442	0.807	0.348	0.347	0.824	0.677	0.112	0.288
Ireland	0.953	11.7	1.09	15.6	4.75	12.2	1.09	13.5
Italy	96.0	137	133	149	137	73.3	78.1	92.2
Latvia	1.39	1.92	1.36	1.54	2.06	1.90	1.24	1.75
Lithuania	4.24	5.28	6.87	5.55	4.55	3.66	2.12	3.44
Luxembourg	4.13	5.86	3.94	4.66	5.21	3.69	3.30	3.99
Netherlands	36.9	53.9	40.3	46.6	40.7	32.5	27.5	32.6
Norway	3.10	3.17	1.96	1.85	2.41	1.75	1.47	1.01
Poland	47.1	71.4	74.5	64.1	67.8	55.3	49.9	50.6
Portugal	8.75	19.1	14.5	13.3	24.8	13.1	11.9	13.6
Romania	11.8	18.8	18.4	8.23	11.3	16.1	12.2	11.7
Slovakia	9.71	13.4	12.0	8.14	13.1	11.6	9.31	10.5
Slovenia	8.31	9.39	5.77	9.68	8.72	7.50	6.51	7.89
Spain	63.2	130	110	89.1	130	84.8	83.9	67.4
Sweden	25.3	29.0	27.8	32.4	24.9	18.1	17.1	16.4
Switzerland	21.8	29.6	31.8	26.4	30.2	22.3	21.0	20.6
UK	101	327	184	209	233	179	141	178
EU	927	1,496	1,212	1,130	1,262	905	813	869

Source: ACEA, Helgi Library



ABOUT HELGI ANALYTICS

Helgi Analytics is a consulting company based in the Czech Republic. The company mainly provides consultancy in the area of financial services and real estate and focuses primarily on the region of Central and Eastern Europe.

Helgi Analytics also runs a web application called Helgi Library, which is a database/library offering data and analyses on more than 99% of the world's economy and population. The Library aims to bring interesting statistical data and analyses to a wide audience under affordable conditions. If you wish to get more details, please visit www.helgilibrary.com or contact us at info@helgilibrary.com.

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