

Europe Passenger Cars Sales by Fuel (3Q2022)

Sales of New Electric Cars in Europe fell 3.34% in 2Q2022

Sales of new electrically-chargeable passenger cars reached 545 thousand in the second quarter of 2022 in Europe, according to ACEA. Share of electric chargeable vehicles increased to 21.4% of all new passenger cars sold in 2Q2022, up from 18.4% seen in the second quarter of 2021.

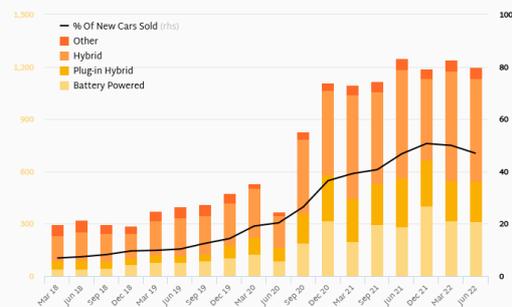
- ✓ Most electric vehicles (155 thousand) were sold in Germany (down 8.73% yoy), followed by France (83.3 thousand, up 0.906%), the United Kingdom with 72.6 thousand cars (down 1.52%), 37.4 thousand new vehicles were registered in Sweden (up 1.82%) and 33.8 thousand in Italy (down 12.5%).
- ✓ In relative terms, Norway liked the electric chargeable vehicles the most with 86.8% of all new passenger cars sold followed by Sweden (50.3%) and Iceland (45.3%).
- ✓ Altogether, sale of alternative powered vehicles, including chargeable, hybrid and other alternative fuels vehicles (fuelled by NGV, LPG, or ethanol), accounted for 46.9% of new cars sold in the second quarter of 2022.
- ✓ Sales of traditionally-powered vehicles using petrol and diesel reached 396 thousand in the second quarter of 2022. The share of petrol reached 37.5% and share of diesel-powered vehicles 15.5% of all new passenger cars sold in 2Q2022.

Country	Jun 2022	Yoy Change
Germany	155	-8.73%
France	83.3	0.906%
UK	72.6	-1.52%
Sweden	37.4	1.82%
Italy	33.8	-12.5%
Norway	31.4	-20.7%
Netherlands	25.9	30.2%
Belgium	22.4	21.5%
Spain	20.4	14.8%
Switzerland	13.6	-0.117%
Denmark	13.3	-13.6%
Austria	10.7	-17.6%
Portugal	7.60	0.343%
Finland	7.18	-19.1%
Poland	5.08	26.9%
Ireland	3.20	8.58%
Iceland	2.74	71.2%
Luxembourg	2.53	14.6%
Romania	2.35	412%
Greece	2.31	21.5%

Data tells a story

Sales of Alternately Powered Vehicles

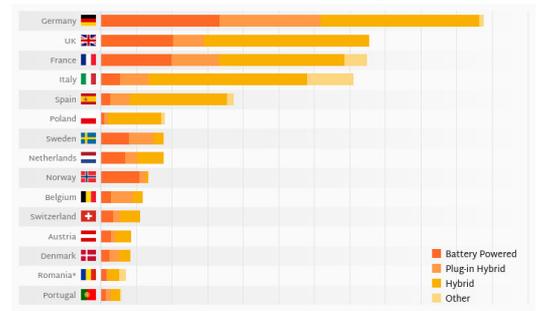
Number of Vehicles (thousand), 2Q2022, Europe



Source: ACEA, Helgi Library

Sales of Alternately Powered Vehicles

Number of Vehicles (thousand), 2Q2022, Europe



Source: ACEA, Helgi Library, * Data from 4Q2021

Sales of New Electric Cars in Europe fell 3.34% in 2Q2022

Sales of electrically-chargeable vehicles amounted to 545 thousand in 2Q2022, -18.8 thousand less than the last year.

Electric cars represented 21.4% of all new cars sold in 2Q2022, up from 18.4% a year ago.

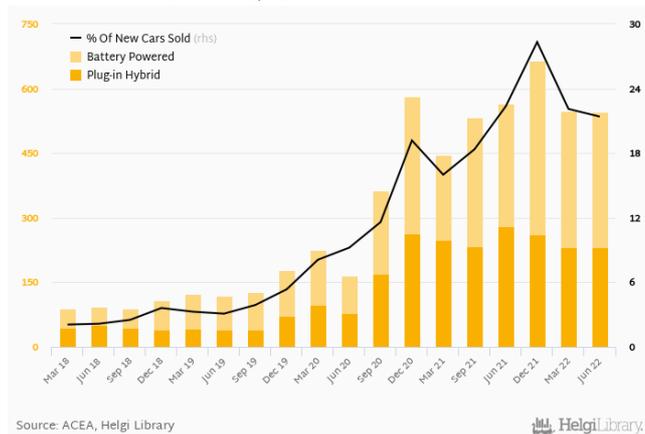
Most electric vehicles have been sold in Germany (155 thousand), while Romania registered the biggest increase in sales when compared to last year.

Electric Chargeable Cars

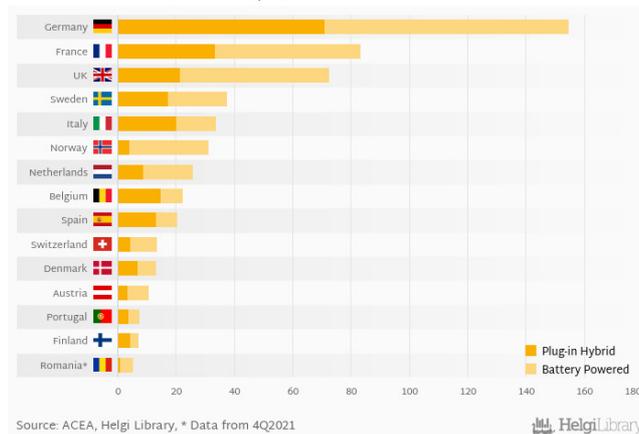
Sales of new electrically-chargeable passenger cars (battery electric and plug-in hybrid electric vehicles) reached 545 thousand in the second quarter of 2022 in the enlarged Europe (EU plus Iceland, Norway and Switzerland), according to ACEA. This is 3.34 less, or 564 thousand less than in the previous year.

Share of electric chargeable vehicles increased to 21.4% of all new passenger cars sold in 2Q2022, up from 18.4% seen in the second quarter of 2021. Most electric vehicles (155 thousand) were sold in Germany (down 8.73% yoy), followed by France (83.3 thousand, up 0.906%), the United Kingdom with 72.6 thousand cars (down 1.52%), 37.4 thousand new vehicles were registered in Sweden (up 1.82%) and 33.8 thousand in Italy (down 12.5%). The five largest countries accounted for 70.1% of total new vehicles registered in the second quarter of 2022:

Sale of Electric Chargeable Vehicles in Europe
Number of Vehicles (thousand), 2Q2022



Sales of Electric Chargeable Vehicles in Europe by Country
Number of Vehicles (thousand), 2Q2022

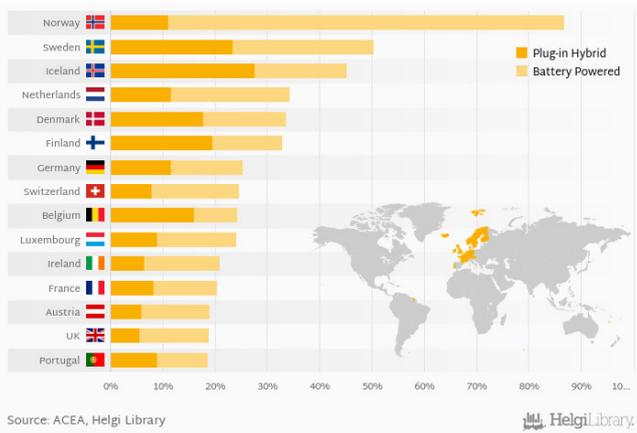


As partly seen above, the sale of battery-electric (BEV) increased by 9.92% when compared to last year, while registration of plug-in hybrid vehicles (PHEV) fell by 16.8%.

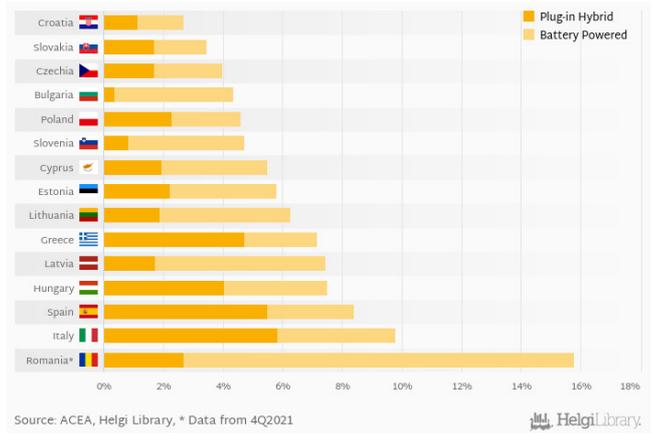
In relative terms, Norway liked the electric chargeable vehicles the most in the second quarter of 2022 with 86.8% of all new passenger cars sold followed by Sweden (50.3%) and Iceland (45.3%).

On the other end of the scale was Czechia with only 3.97%, Slovakia with 3.46% and Croatia with just 2.70% of electric cars sold, as % of total:

Sales of Electric Chargeable Vehicles in Europe by Country
As % Of New Cars Sold, 3Q2022, Best Performers



Sales of Electric Chargeable Vehicles in Europe by Country
As % Of New Cars Sold, 3Q2022, Worst Performers

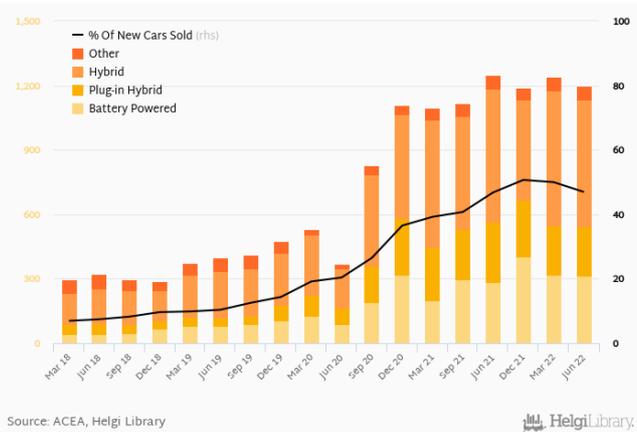


Hybrid Electric and Other Alternately-Powered Cars

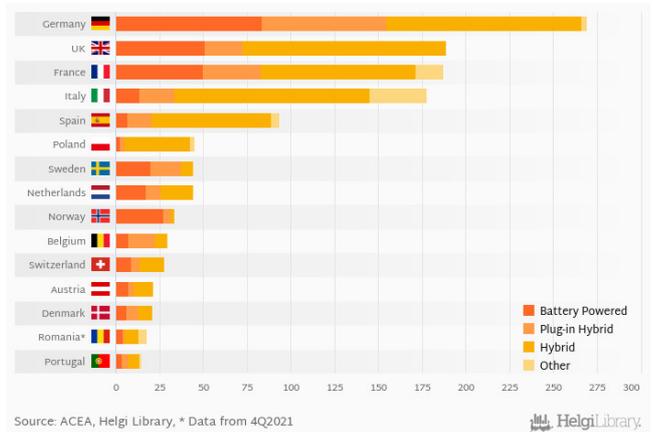
When hybrid electric vehicles (cars that combine a conventional internal combustion engine system with an electric propulsion system) and other alternately-powered cars (such as natural gas vehicles (NGV), LPG-fueled vehicles and ethanol (E85) vehicles) are included, total sales of alternately-powered cars (other than using diesel or petrol) amounted to 1,196 thousand vehicles in the second quarter of 2022. This is 4.37% less, or 54.7 thousand less than in the previous year.

Together with electric chargeable vehicles, the share of total alternately-powered vehicles increased to 46.9% of all new passenger cars sold in 2Q2022, up from 40.7% seen in the second quarter of 2021:

Sales of Alternately Powered Vehicles
Number of Vehicles (thousand), 2Q2022, Europe



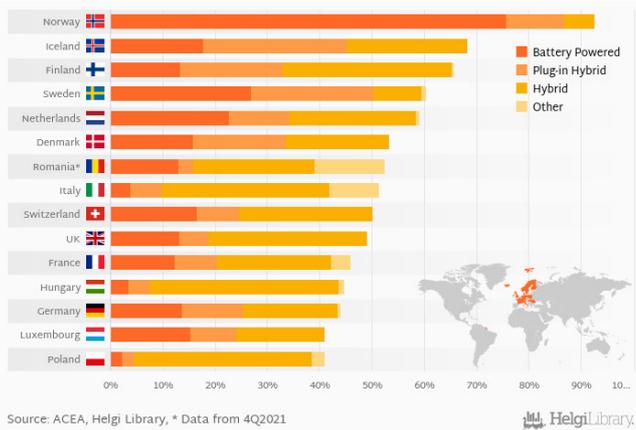
Sales of Alternately Powered Vehicles
Number of Vehicles (thousand), 2Q2022, Europe



In relative terms, Norway liked the alternatively-powered vehicles the most in the second quarter of 2022 with 92.5% of all new passenger cars sold followed by Iceland (68.2%) and Finland (65.7%). On the other hand, alternatively-fuelled cars represented only 21.6% of all cars sold in Czechia, 19.6% in Slovenia and 6.65% in Bulgaria, according to ACEA.

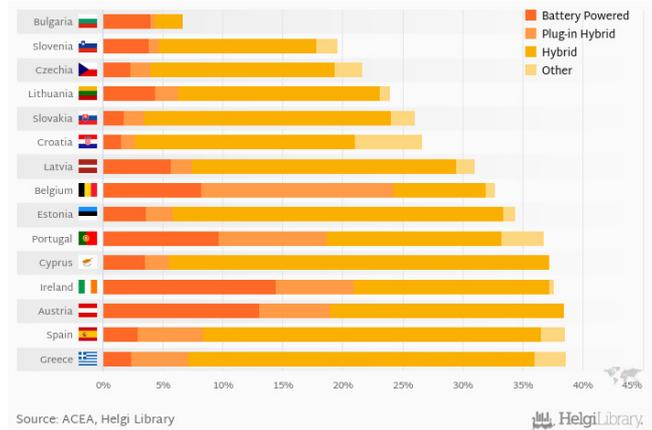
Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 3Q2022, Best Performers



Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 3Q2022, Worst Performers



Petrol and Diesel-Powered Cars

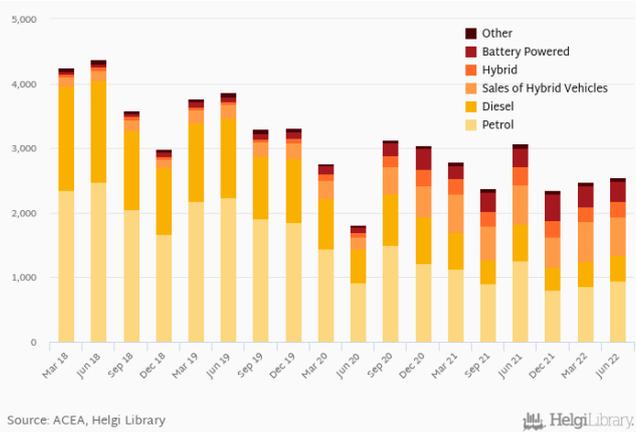
Sales of traditionally-powered vehicles using petrol and diesel reached 1,352 thousand in the second quarter of 2022 in the enlarged Europe, according to ACEA. This is 25.8%, or 469 thousand fewer than in the previous year.

Some 956 thousand petrol-powered vehicles were sold, down 23.9% when compared to a year ago. The share decreased to 37.5% of all new passenger cars sold in 2Q2022, down from 40.9% seen in the second quarter of 2021. Share of diesel-powered cars fell to 15.5% (from 18.4% in 2Q2021) with 396 thousand cars sold in the second quarter of 2022.

As a result, share of traditionally-powered cars amounted to 53.1% of all new passenger cars sold in 2Q2022, down from 59.3% seen in the second quarter of 2021.

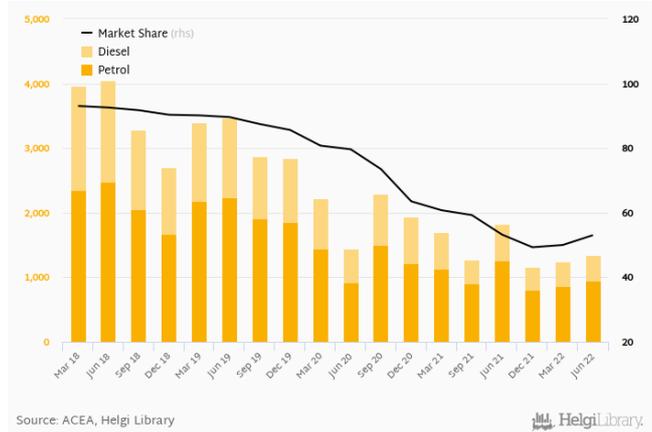
Sales of Vehicles in the EU by Power

Number of Vehicles, 2Q2022, Europe



Sales of Traditionally-Powered Vehicles in the EU

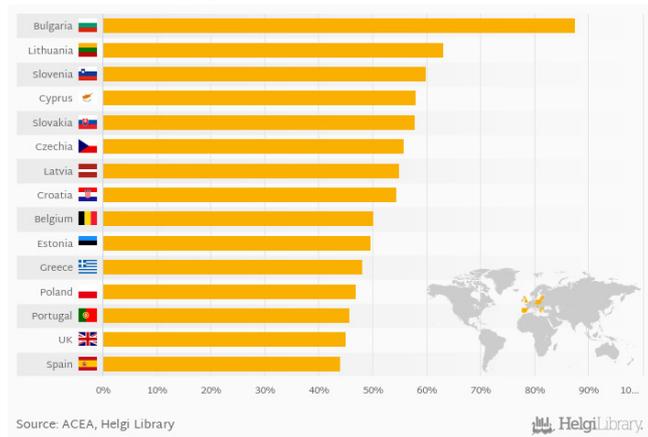
Number of Vehicles (thousand), 2Q2022, Europe



In relative terms, Bulgaria liked the petrol-fuelled vehicles the most in the second quarter of 2022 with 87.5% of all new passenger cars sold followed by Lithuania (63.1%) and Slovenia (59.9%). On the other hand, diesel-powered cars were preferred most in Ireland (30.3% of all cars sold), followed by Luxembourg (with 22.8%) and Czechia (22.6%).

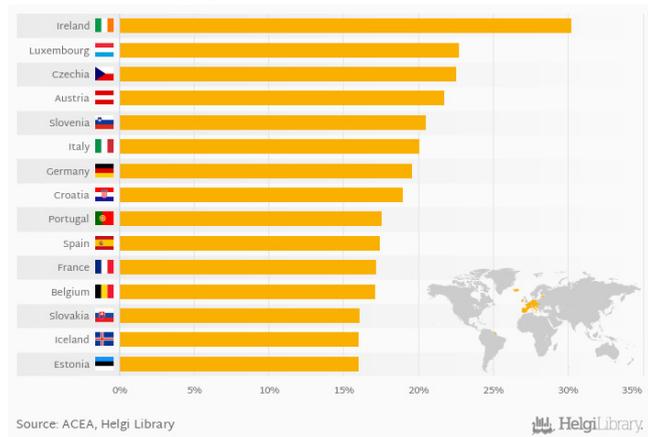
Sales of Petrol-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 2Q2022



Sales of Diesel-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 2Q2022



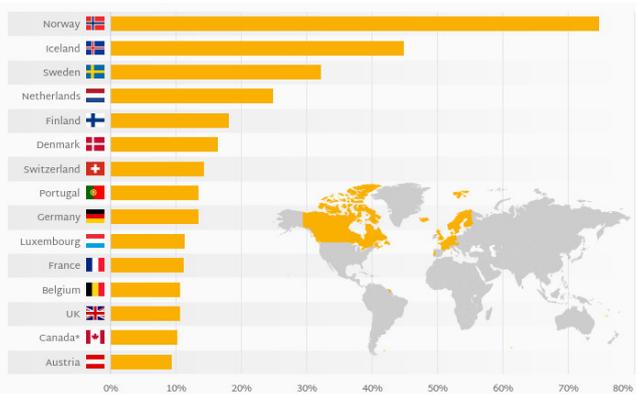
Relative and Absolute Sales of Cars by Power

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

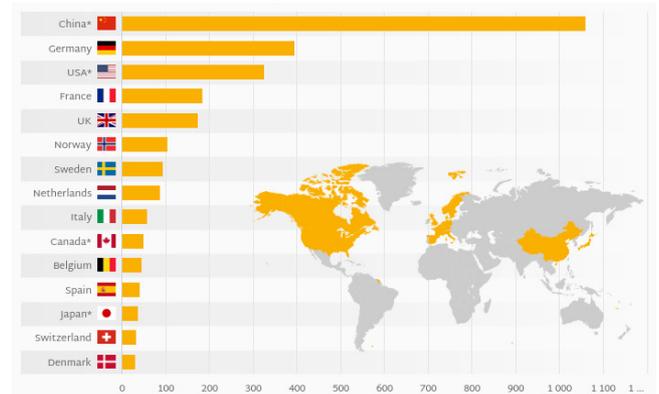


Source: National Statistical Office, * Data from 2019



Which Country Sells the Most Electric Cars?

Sales Of Electric Cars (thousand), 2020



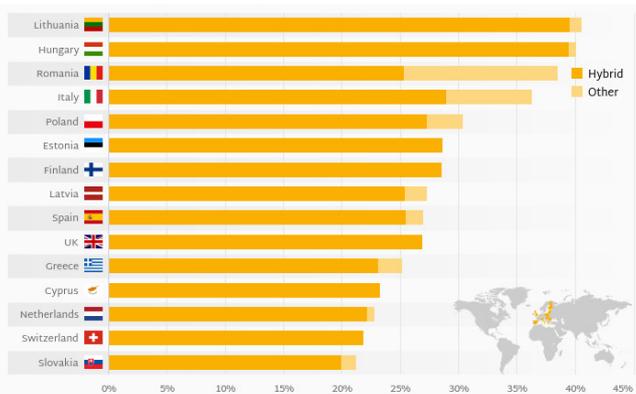
Source: National Statistical Office, * Data from 2019



2. Alternative Fuelled Passenger Cars (LPG, CNG)

Which Country Loves Alternative Cars the Most?

As % of New Passenger Cars Sold, 2021

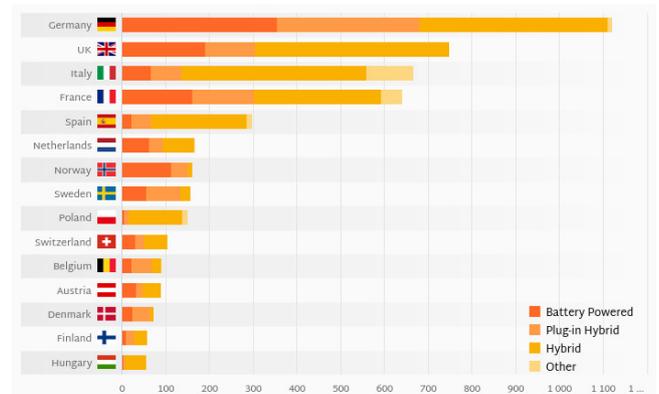


Source: ACEA, Helgi Library



Sales of Alternately Powered Vehicles

Number of Vehicles (thousand), 2021



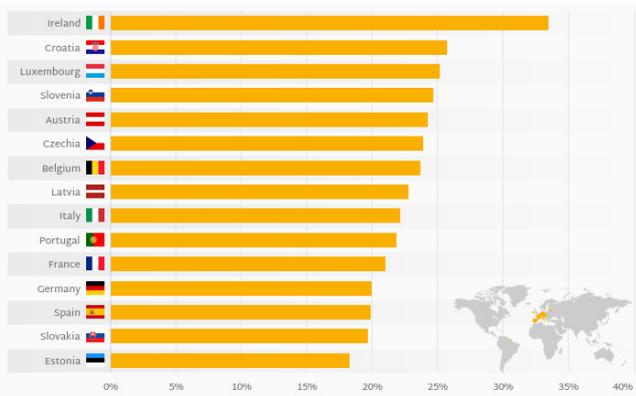
Source: ACEA, Helgi Library



3. Diesel Fuelled Passenger Cars

Who Likes Diesel-fuelled Cars the Most?

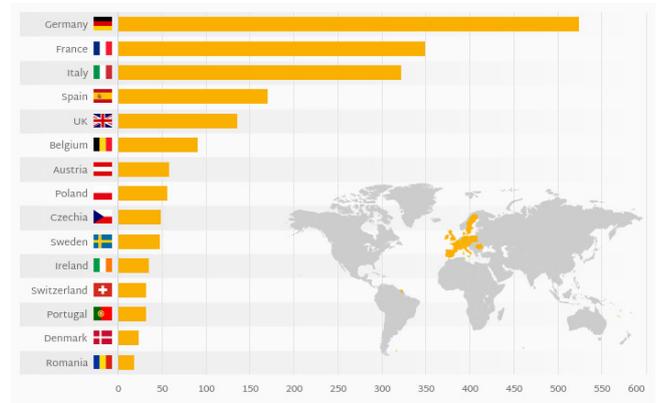
Diesel-Fuelled Cars as % of New Cars Sold (%), 2021



Source: ACEA, Helgi Library



TOP 15



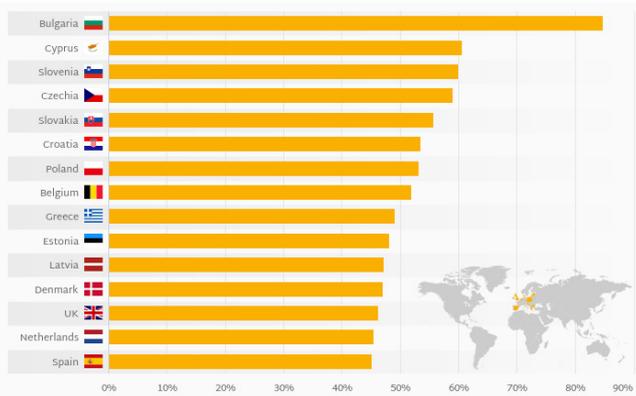
Source: National Statistical Office



4. Petrol Fuelled Passenger Cars

Who Likes Petrol-Fuelled Cars the Most?

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

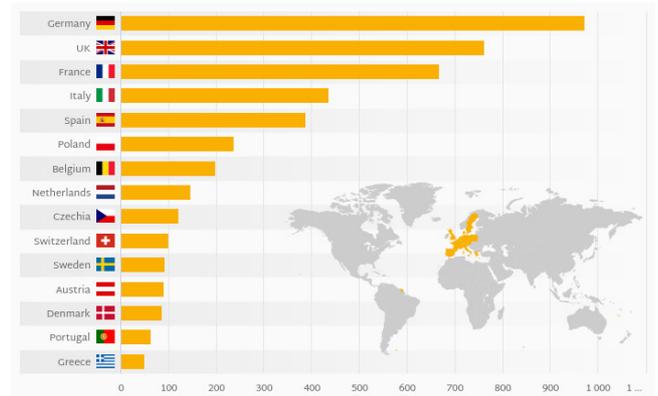


Source: ACEA, Helgi Library



Which Country Sells the Most Petrol-Fuelled Cars?

Sales of Petrol-Fuelled Cars (thousand), 2021



Source: ACEA, Helgi Library



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

COUNTRY	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022
Austria	5.99	10.2	10.3	12.9	12.2	12.5	10.4	10.7
Belgium	12.4	19.9	16.8	18.4	17.4	17.9	24.9	22.4
Bulgaria	0.086	0.142	0.151	0.150	0.184	0.342
Croatia	...	0.330	0.201	0.352	0.460	0.861	0.457	0.366
Cyprus	0.011	0.020	0.055	0.049	0.048	0.028	0.101	0.169
Czechia	0.908	2.33	1.53	1.96	1.36	1.70	1.54	2.05
Denmark	10.2	14.1	10.5	15.3	17.2	22.4	11.5	13.3
Estonia	0.118	0.172	0.139	0.238	0.167	0.148	0.254	0.344
Finland	4.93	5.20	7.24	8.87	6.29	7.89	7.47	7.18
France	45.7	74.8	61.7	82.6	64.5	94.4	72.8	83.3
Germany	111	190	143	170	166	204	152	155
Greece	0.515	1.25	1.30	1.91	1.60	2.16	1.78	2.31
Hungary	1.60	2.53	1.48	1.79	2.26	3.02	2.54	2.16
Iceland	1.16	1.23	1.08	1.60	2.01	2.30	2.12	2.74
Ireland	2.90	0.553	5.55	2.95	6.78	1.27	10.2	3.20
Italy	14.2	29.9	29.8	38.6	31.9	37.2	30.9	33.8
Latvia	0.147	0.104	0.097	0.170	0.128	0.174	0.212	0.333
Lithuania	0.167	0.125	0.122	0.343	0.386	0.572	0.490	0.471
Luxembourg	1.49	2.17	2.27	2.21	2.10	2.52	2.68	2.53
Netherlands	19.1	49.9	12.2	19.9	21.2	41.8	22.4	25.9
Norway	27.0	38.2	29.8	39.6	39.8	42.8	29.1	31.4
Poland	2.06	3.54	2.93	4.01	3.90	5.61	4.73	5.08
Portugal	4.73	7.55	4.98	7.57	6.86	9.51	7.62	7.60
Romania	0.807	1.44	0.415	0.459	1.04	5.34	2.11	2.35
Slovakia	0.474	0.376	0.397	0.595	0.553	0.726	0.666	0.718
Slovenia	0.402	0.664	0.364	0.406	0.509	0.640	0.729	0.618
Spain	10.4	20.1	10.6	17.8	16.5	22.1	17.7	20.4
Sweden	24.0	37.5	32.4	36.8	27.9	38.3	37.4	37.4
Switzerland	9.11	14.7	9.07	13.6	13.6	13.8	13.8	13.6
UK	58.4	66.2	58.4	73.7	80.1	93.1	93.9	72.6
EU	363	584	447	564	533	666	548	545

Source: ACEA, Helgi Library

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

COUNTRY	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022
Austria	7.21	9.29	10.2	12.4	10.3	9.14	9.74	11.0
Belgium	3.85	2.88	66.7	5.29	4.96	4.01	54.5	7.04
Bulgaria	0.120	0.114	0.151	0.173	0.169	0.150	0.201	0.182
Croatia	0.551	0.721	1.37	2.02	1.67	1.38	2.09	2.48
Cyprus	0.295	0.364	0.500	0.735	0.678	0.562	0.824	0.976
Czechia	3.02	4.95	5.40	7.62	6.25	6.18	6.65	7.93
Denmark	2.60	3.05	7.45	9.53	8.03	1.88	7.74	7.70
Estonia	0.684	0.759	1.44	1.72	1.68	1.23	1.92	1.63
Finland	5.19	5.32	8.17	8.11	6.69	5.15	7.12	7.05
France	49.3	59.1	70.8	82.4	63.9	72.8	75.8	88.3
Germany	96.4	121	101	120	113	95.1	122	112
Greece	3.25	3.79	5.06	7.32	5.90	5.11	6.19	9.33
Hungary	9.14	11.8	12.9	12.6	11.6	11.0	11.6	10.4
Iceland	0.404	0.223	0.331	0.926	0.713	0.302	0.459	1.39
Ireland	4.07	0.308	9.21	2.70	6.60	0.739	12.7	2.49
Italy	62.9	96.7	120	123	85.8	93.8	113	111
Latvia	0.542	0.518	0.792	1.10	1.08	0.678	0.978	0.985
Lithuania	4.20	2.18	0.775	1.52	1.24	1.59	1.38	1.26
Luxembourg	1.10	1.15	1.77	2.16	1.84	1.46	2.01	1.76
Netherlands	13.6	15.5	19.2	18.9	19.9	16.1	21.5	18.1
Norway	2.89	3.55	2.57	3.42	2.06	1.73	1.18	2.07
Poland	17.2	25.9	30.8	34.9	33.3	28.4	33.1	37.5
Portugal	2.94	4.64	4.13	6.39	4.15	4.42	5.90	5.93
Romania	4.08	5.67	5.52	6.96	10.4	7.88	7.90	8.54
Slovakia	2.00	2.64	2.61	4.64	4.23	3.68	4.44	4.27
Slovenia	0.415	0.416	1.31	1.72	1.55	1.46	1.72	1.71
Spain	40.3	51.0	41.0	66.8	50.6	61.0	46.7	68.6
Sweden	7.05	7.15	6.14	7.02	4.72	4.32	6.12	6.81
Switzerland	7.88	12.5	11.6	14.1	13.1	13.4	13.4	14.1
UK	114	84.4	109	133	123	78.8	122	116
EU	425	482	595	622	526	469	627	591

Source: ACEA, Helgi Library

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

COUNTRY	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022
Austria	0.001	0.012	0.025	0.036	0.018	0.007	0.034	0.010
Belgium	0.410	0.193	0.388	0.894	0.721	0.629	0.144	0.720
Bulgaria	0	0.001	0.012	0	0	0.023	0.004	0
Croatia	0.225	0.324	0.327	0.581	0.579	0.510	0.378	0.764
Cyprus	0	0	0	0.001	0.001	0	0	0
Czechia	1.53	0.592	0.497	0.913	0.847	0.856	1.28	1.18
Denmark	0	0	0	0	0	0	0	0
Estonia	0	0	0.188	0.095	0.121	0.062	0.102	0.061
Finland	0	0	0.307	0.275	0.193	0.146	0.135	0.072
France	6.71	5.89	9.42	12.8	13.6	13.2	16.5	15.6
Germany	2.38	3.27	2.52	3.72	3.27	4.56	5.72	2.92
Greece	0.132	0.295	0.533	0.884	0.986	0.991	0.869	0.846
Hungary	0.175	0.140	0.206	0.072	0.210	0.239	0.231	0.304
Iceland	0	0.001	0.001	0.001	0.001	0.004	0	0
Ireland	0	0	0.024	0.091	0.179	0.017	0.573	0.066
Italy	26.7	29.7	36.5	40.8	31.3	29.7	34.5	32.6
Latvia	0.024	0.058	0.043	0.075	0.086	0.077	0.092	0.068
Lithuania	0.022	0.051	0.050	0.076	0.102	0.090	0.122	0.064
Luxembourg	0	0	0	0.001	0.002	0	0.002	0
Netherlands	0.758	0.732	0.399	0.584	0.566	0.718	0.568	0.595
Norway	0	0	0	0	0	0	0	0
Poland	2.69	4.82	3.06	3.11	3.31	4.05	3.84	2.60
Portugal	0.466	0.907	0.435	0.734	0.965	1.42	0.914	1.43
Romania	2.87	5.25	1.67	2.91	6.85	4.52	3.32	3.12
Slovakia	0.187	0.193	0.217	0.303	0.357	0.311	0.473	0.407
Slovenia	0.058	0.076	0.123	0.160	0.144	0.145	0.171	0.236
Spain	3.57	4.24	2.56	3.10	4.28	4.10	3.02	4.70
Sweden	0.007	0	0.404	0.679	0.840	0.725	0.933	0.746
Switzerland	0.001	0	0.066	0.085	0.041	0.097	0.032	0.026
UK	0	0	0	0	0	0	0	0
EU	41.1	45.2	53.5	64.7	57.0	56.3	64.0	60.4

Source: ACEA, Helgi Library

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

COUNTRY	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022
Austria	18.3	22.5	16.3	17.8	12.3	11.9	11.9	12.2
Belgium	39.4	33.2	6.12	27.4	16.9	14.5	3.55	15.8
Bulgaria	0.910	0.677	0.573	0.550	0.447	0.774	0.507	0.464
Croatia	4.03	2.77	3.09	3.99	2.83	1.67	2.17	2.57
Cyprus	0.807	0.624	0.511	0.386	0.354	0.279	0.198	0.145
Czechia	16.1	16.3	13.6	14.1	9.14	10.5	10.9	11.6
Denmark	10.4	12.6	5.59	5.82	3.19	4.72	2.29	2.76
Estonia	1.32	1.23	1.42	1.50	0.737	0.580	0.825	0.948
Finland	3.21	2.68	2.61	2.62	1.88	1.28	1.44	1.61
France	139	142	108	105	64.0	73.0	60.2	69.8
Germany	227	210	158	156	112	97.8	126	120
Greece	5.78	6.37	5.05	5.85	3.69	2.97	3.44	4.28
Hungary	7.67	8.17	6.00	5.57	4.25	3.20	3.27	4.05
Iceland	0.687	0.300	0.332	0.600	0.366	0.275	0.350	0.971
Ireland	13.0	1.86	17.6	5.43	11.0	1.08	12.9	4.63
Italy	132	117	112	99.1	58.4	53.5	68.1	69.6
Latvia	1.21	1.07	1.07	0.863	0.758	0.586	0.658	0.632
Lithuania	1.77	2.75	1.16	1.65	1.14	0.724	1.07	0.975
Luxembourg	4.80	3.89	3.77	3.26	2.09	2.08	2.67	2.38
Netherlands	3.18	1.69	2.16	2.39	1.47	0.898	1.43	1.53
Norway	3.10	2.37	2.09	2.20	1.36	1.44	1.01	1.29
Poland	21.9	24.4	17.0	16.3	10.9	11.4	9.70	13.3
Portugal	13.6	12.2	8.16	10.9	6.05	6.91	6.75	7.13
Romania	8.39	11.0	4.93	5.35	6.19	3.93	3.99	3.98
Slovakia	5.49	5.06	4.04	4.38	3.53	2.96	3.11	3.34
Slovenia	4.96	3.54	4.81	3.84	2.53	2.14	2.25	2.69
Spain	70.0	70.0	42.8	53.0	34.9	40.5	29.6	42.4
Sweden	15.9	16.0	19.5	12.9	7.73	8.19	8.89	10.6
Switzerland	13.7	14.2	9.36	10.0	6.49	6.55	6.39	7.05
UK	90.1	52.7	48.6	44.5	24.5	18.2	23.7	22.3
EU	803	722	568	565	368	346	371	396

Source: ACEA, Helgi Library

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

COUNTRY	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022
Austria	29.0	26.0	26.6	27.7	20.8	16.4	20.4	22.4
Belgium	60.1	41.0	29.2	61.1	41.2	32.5	20.1	46.3
Bulgaria	5.82	4.44	4.75	6.47	5.35	4.84	5.78	6.89
Croatia	5.91	3.79	5.50	8.86	5.93	3.75	4.90	7.37
Cyprus	1.61	1.43	1.68	1.88	1.71	1.17	1.94	1.78
Czechia	31.5	30.2	28.5	38.7	31.4	25.8	27.0	28.7
Denmark	30.6	26.3	20.3	21.9	15.0	16.4	12.7	15.6
Estonia	2.87	2.21	2.54	3.72	2.89	1.78	2.09	2.93
Finland	12.2	9.60	9.65	8.89	6.87	5.35	5.57	5.85
France	210	201	192	198	132	145	140	150
Germany	393	350	252	285	232	203	221	223
Greece	13.4	8.93	11.5	19.0	11.2	7.93	10.2	15.6
Hungary	15.8	15.3	11.6	12.5	11.4	9.95	11.0	11.8
Iceland	0.807	0.348	0.347	0.824	0.676	0.112	0.288	0.950
Ireland	11.7	1.09	15.6	4.66	12.4	1.09	13.5	4.90
Italy	137	133	149	137	73.3	78.1	92.2	98.8
Latvia	1.92	1.36	1.54	2.06	1.94	1.24	1.75	2.46
Lithuania	5.28	6.87	5.55	7.46	4.79	2.12	3.44	4.73
Luxembourg	5.86	3.94	4.66	5.21	3.69	3.30	3.99	3.79
Netherlands	53.9	40.3	46.6	40.4	32.4	27.5	32.6	29.2
Norway	3.17	1.96	1.85	2.41	1.75	1.47	1.01	1.41
Poland	71.4	74.5	64.1	65.9	53.8	49.9	50.6	51.8
Portugal	19.1	14.5	13.3	24.8	13.1	11.9	13.6	18.6
Romania	18.8	18.4	8.23	11.3	16.1	12.2	11.7	11.7
Slovakia	13.4	12.0	8.14	13.1	11.6	9.31	10.5	12.0
Slovenia	9.39	5.77	9.68	8.72	7.45	6.51	7.89	7.85
Spain	130	110	89.1	130	84.8	83.9	67.4	107
Sweden	29.0	27.8	32.4	24.9	18.1	17.1	16.4	18.9
Switzerland	29.6	31.8	26.4	30.2	22.3	21.0	20.6	20.5
UK	327	184	209	233	179	141	178	173
EU	1,496	1,212	1,130	1,256	901	813	869	956

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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