

## Europe Passenger Cars Sales by Fuel (1Q2021)

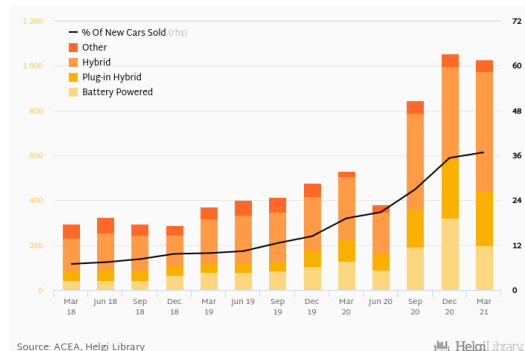
### Sales of New Electric Cars in Europe rose 99.2% in 1Q2021

Sales of new electrically-chargeable passenger cars reached 445 thousand in the first quarter of 2021 in Europe, according to ACEA. Share of electric chargeable vehicles increased to 15.9% of all new passenger cars sold in 1Q2021, up from 8.10% seen in the first quarter of 2020.

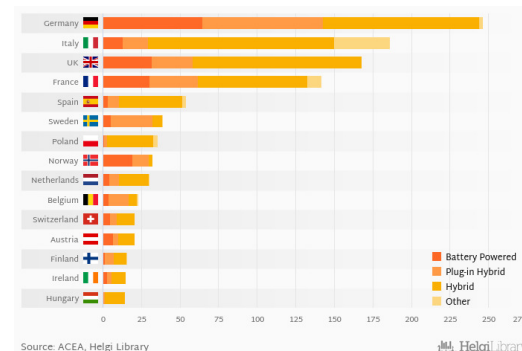
- ✓ Most electric vehicles (143 thousand) were sold in Germany (up 172% yoy), followed by France (61.7 thousand, up 74.4%), the United Kingdom with 58.4 thousand cars (up 82.9%), 32.4 thousand new vehicles were registered in Sweden (up 75.3%) and 29.8 thousand in Norway (up 32.0%).
- ✓ In relative terms, Norway liked the electric chargeable vehicles the most with 82.0% of all new passenger cars sold followed by Iceland (51.6%) and Sweden (35.6%).
- ✓ Altogether, sale of alternative powered vehicles, including chargeable, hybrid and other alternative fuels vehicles (fuelled by NGV, LPG, or ethanol), accounted for 36.8% of new cars sold in the first quarter of 2021.
- ✓ Sales of traditionally-powered vehicles using petrol and diesel reached 595 thousand in the first quarter of 2021. The share of petrol reached 41.9% and share of diesel-powered vehicles 21.3% of all new passenger cars sold in 1Q2021.

Country	Mar 2021	Yoy Change
Germany	143	172%
France	61.7	74.4%
UK	58.4	82.9%
Sweden	32.4	75.3%
Norway	29.8	32.0%
Italy	29.4	252%
Belgium	16.8	118%
Netherlands	10.8	-9.61%
Spain	10.6	46.0%
Denmark	10.5	153%
Austria	10.3	186%
Switzerland	9.07	67.3%
Finland	7.24	58.8%
Ireland	5.55	107%
Portugal	4.98	4.33%
Poland	2.93	129%
Luxembourg	2.27	187%
Czechia	1.54	16.6%
Hungary	1.48	47.2%
Greece	1.30	716%

Sales of Alternately Powered Vehicles  
Number of Vehicles (thousand), 1Q2021, Europe



Sales of Alternately Powered Vehicles  
Number of Vehicles (thousand), 1Q2021, Europe



Data tells a story

## Sales of New Electric Cars in Europe rose 99.2% in 1Q2021

Sales of electrically-chargeable vehicles amounted to 445 thousand in 1Q2021, 222 thousand more than the last year.

Electric cars represented 15.9% of all new cars sold in 1Q2021, up from 8.10% a year ago.

Most electric vehicles have been sold in Germany (143 thousand), while Cyprus registered the biggest increase in sales when compared to last year.

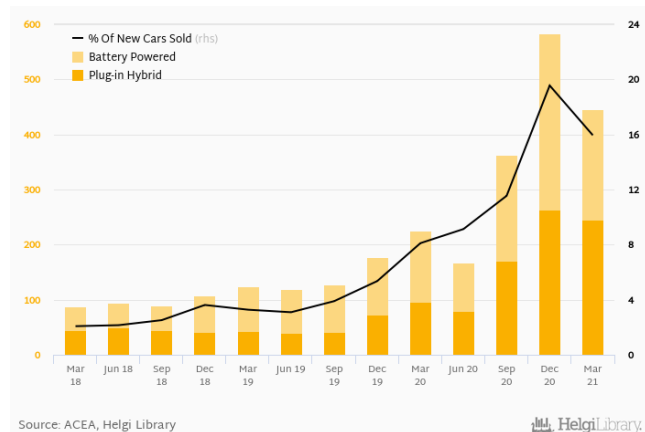
### Electric Chargeable Cars

Sales of new electrically-chargeable passenger cars (battery electric and plug-in hybrid electric vehicles) reached 445 thousand in the first quarter of 2021 in the enlarged Europe (EU plus Iceland, Norway and Switzerland), according to ACEA. This is 99.2% more, or 223 thousand more than in the previous year.

Share of electric chargeable vehicles increased to 15.9% of all new passenger cars sold in 1Q2021, up from 8.10% seen in the first quarter of 2020. Most electric vehicles (143 thousand) were sold in Germany (up 172% yoy), followed by France (61.7 thousand, up 74.4%), the United Kingdom with 58.4 thousand cars (up 82.9%), 32.4 thousand new vehicles were registered in Sweden (up 75.3%) and 29.8 thousand in Norway (up 32.0%). The five largest countries accounted for 73.1% of total new vehicles registered in the first quarter of 2021:

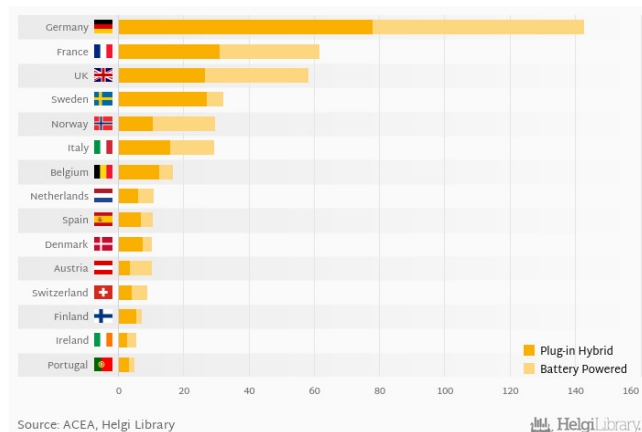
#### Sale of Electric Chargeable Vehicles in Europe

Number of Vehicles (thousand), 1Q2021



#### Sales of Electric Chargeable Vehicles in Europe by Country

Number of Vehicles (thousand), 1Q2021



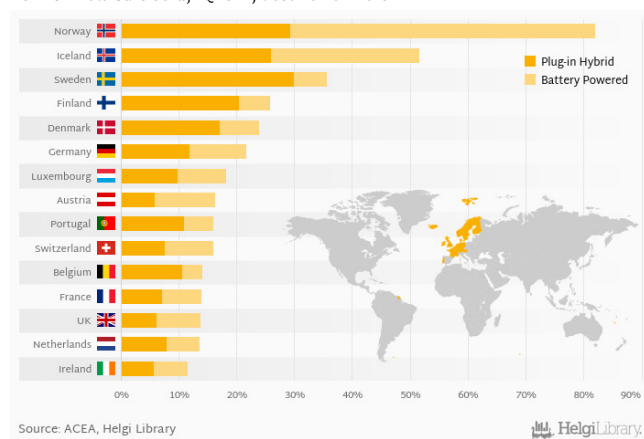
As partly seen above, the sale of battery-electric (BEV) increased by 55.6% when compared to last year, while registration of plug-in hybrid vehicles (PHEV) rose by 154%.

In relative terms, Norway liked the electric chargeable vehicles the most in the first quarter of 2021 with 82.0% of all new passenger cars sold followed by Iceland (51.6%) and Sweden (35.6%).

On the other end of the scale was Estonia with only 2.22%, Croatia with 1.92% and Cyprus with just 1.69% of electric cars sold, as % of total:

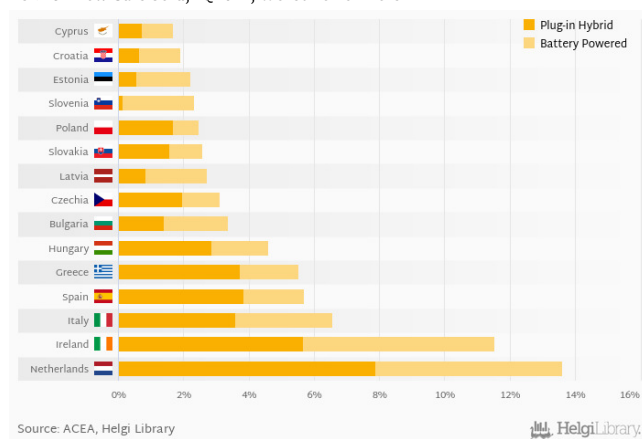
### Sales of Electric Chargeable Vehicles in Europe by Country

As % Of New Cars Sold, 1Q2021, Best Performers



### Sales of Electric Chargeable Vehicles in Europe by Country

As % Of New Cars Sold, 1Q2021, Worst Performers



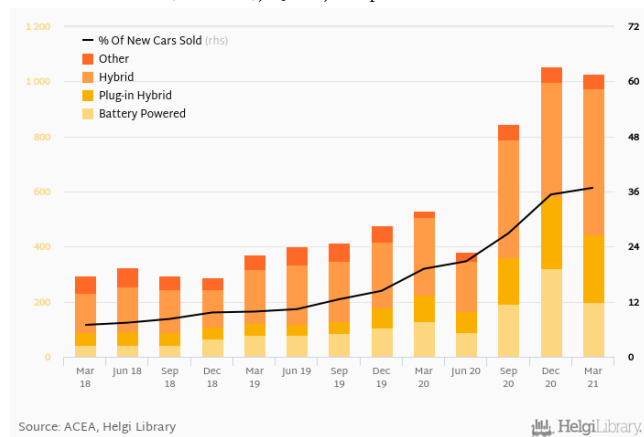
## Hybrid Electric and Other Alternately-Powered Cars

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 1,028 thousand vehicles in the first quarter of 2021. This is 94.5% more, or 500 thousand more than in the previous year.

Together with electric chargeable vehicles, the share of total alternately-powered vehicles increased to 36.8% of all new passenger cars sold in 1Q2021, up from 19.2% seen in the first quarter of 2020:

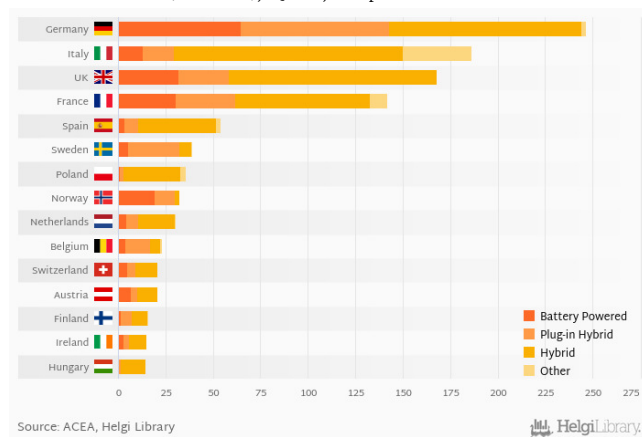
### Sales of Alternatively Powered Vehicles

Number of Vehicles (thousand), 1Q2021, Europe



### Sales of Alternatively Powered Vehicles

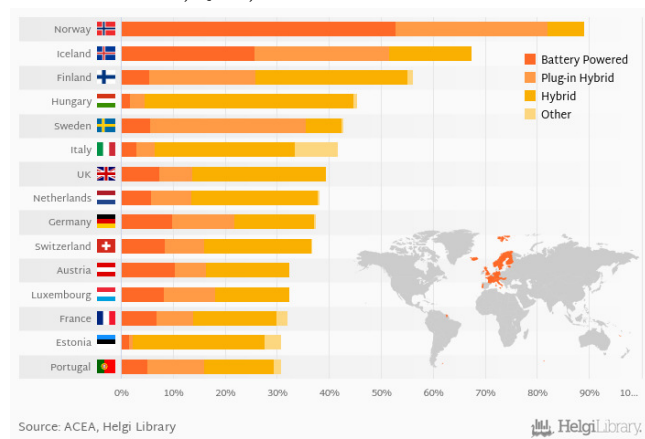
Number of Vehicles (thousand), 1Q2021, Europe



In relative terms, Norway liked the alternatively-powered vehicles the most in the first quarter of 2021 with 89.1% of all new passenger cars sold followed by Iceland (67.5%) and Finland (56.2%). On the other hand, alternatively-fuelled cars represented only 15.1% of all cars sold in the Czech Republic, 13.3% in Bulgaria and 7.27% in Slovenia, according to ACEA.

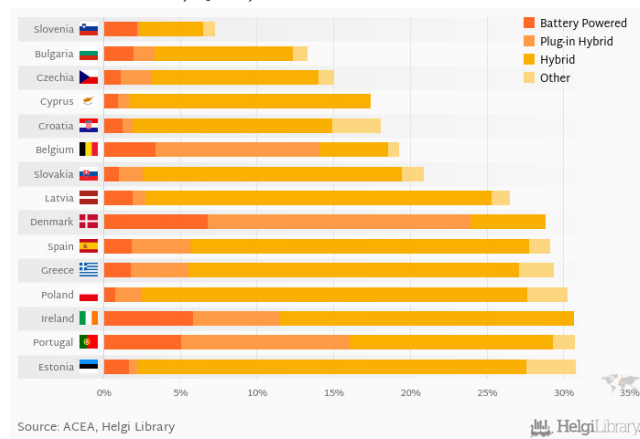
### Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 1Q2021, Best Performers



### Sales of Alternatively-powered Vehicles in Europe by Country

As % of New Cars Sold, 1Q2021, Worst Performers



### Petrol and Diesel-Powered Cars

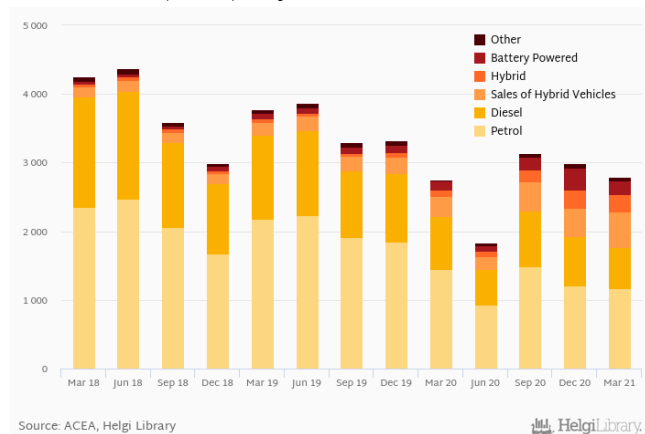
Sales of traditionally-powered vehicles using petrol and diesel reached 1,764 thousand in the first quarter of 2021 in the enlarged Europe, according to ACEA. This is 20.8%, or 463 thousand fewer than in the previous year.

Some 1,169 thousand petrol-powered vehicles were sold, down 19.0% when compared to a year ago. The share decreased to 41.9% of all new passenger cars sold in 1Q2021, down from 52.4% seen in the first quarter of 2020. Share of diesel-powered cars fell to 21.3% (from 28.4% in 1Q2020) with 595 thousand cars sold in the first quarter of 2021.

As a result, share of traditionally-powered cars amounted to 63.2% of all new passenger cars sold in 1Q2021, down from 80.8% seen in the first quarter of 2020.

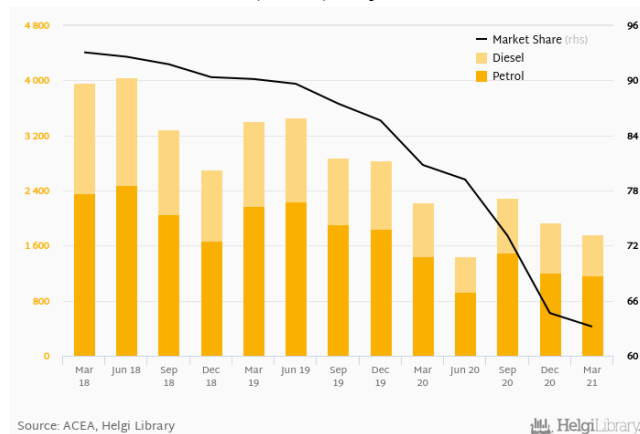
### Sales of Vehicles in the EU by Power

Number of Vehicles, 1Q2021, Europe



### Sales of Traditionally-Powered Vehicles in the EU

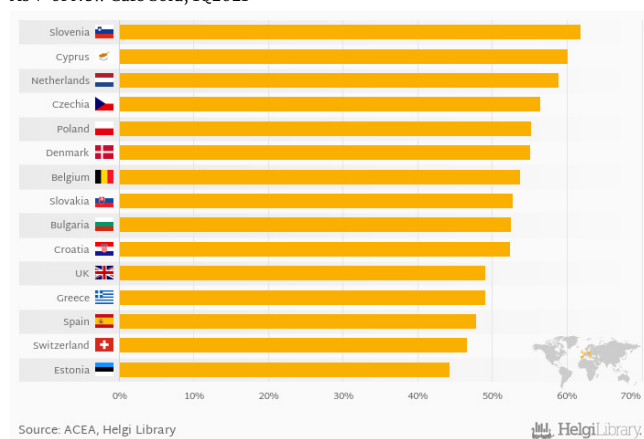
Number of Vehicles (thousand), 1Q2021, Europe



In relative terms, Slovenia liked the petrol-fuelled vehicles the most in the first quarter of 2021 with 61.9% of all new passenger cars sold followed by Cyprus (60.2%) and Netherlands (59.0%). On the other hand, diesel-powered cars were preferred most in Ireland (36.6% of all cars sold), followed by Bulgaria (with 34.1%) and Slovenia (30.8%).

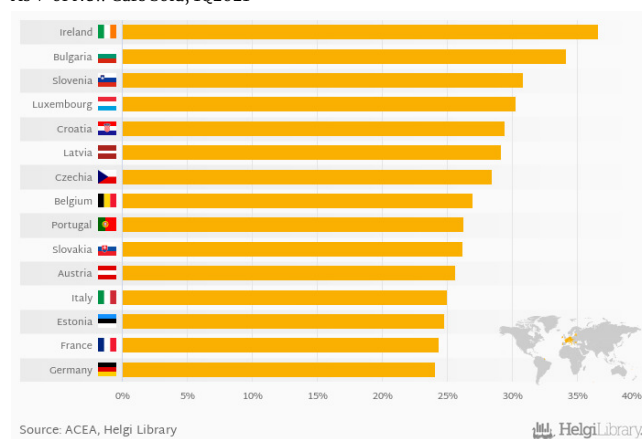
#### Sales of Petrol-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 1Q2021



#### Sales of Diesel-fuelled Vehicles in Europe by Country

As % of New Cars Sold, 1Q2021



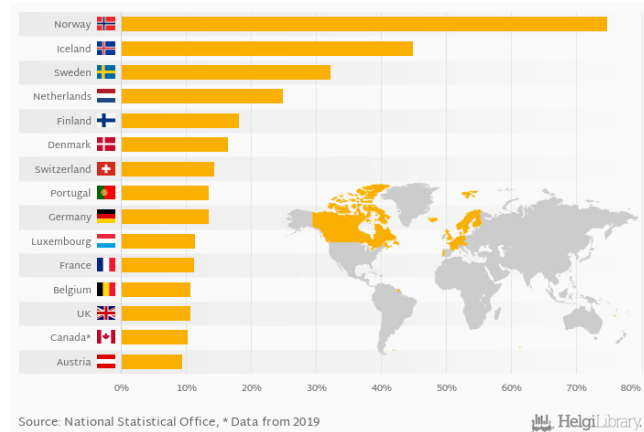
## Relative and Absolute Sales of Cars by Power

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

### 1. Electric Passenger Cars

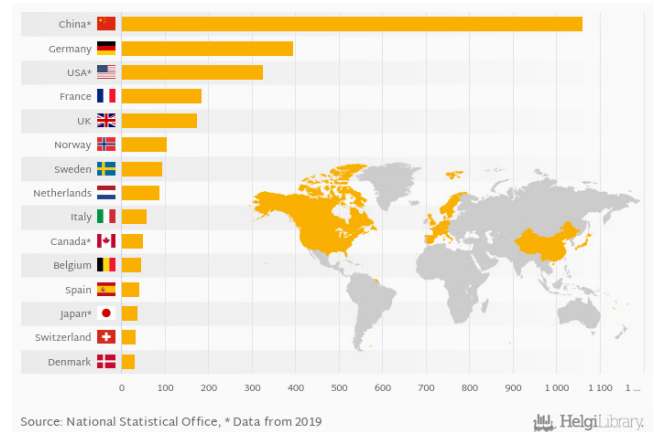
#### Which Country Loves Electric Cars the Most?

Electric vehicles (%), 2020



#### Which Country Sells the Most Electric Cars?

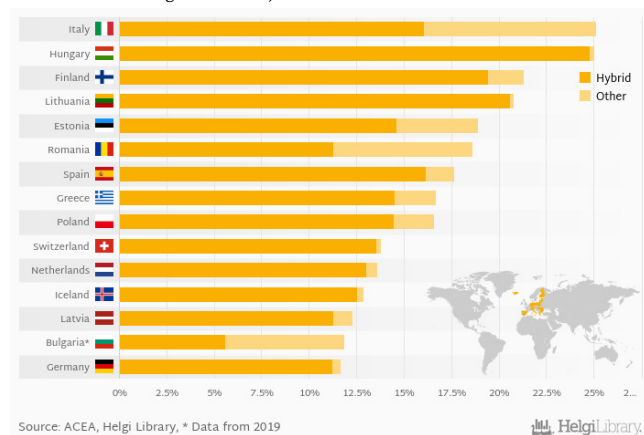
Sales Of Electric Cars (thousand), 2020



### 2. Alternative Fuelled Passenger Cars (LPG, CNG)

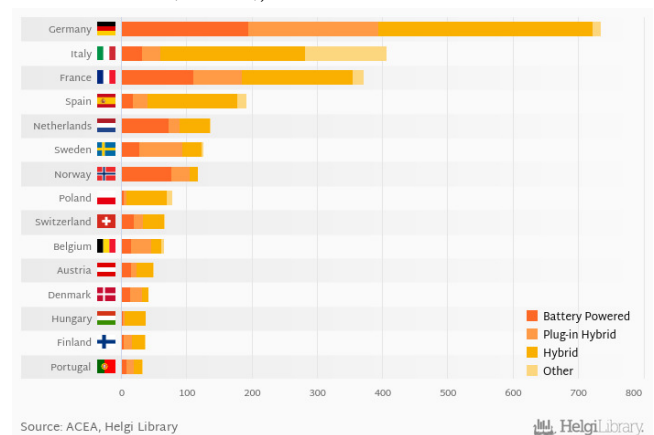
#### Which Country Loves Alternative Cars the Most?

As % of New Passenger Cars Sold, 2020



#### Sales of Alternately Powered Vehicles

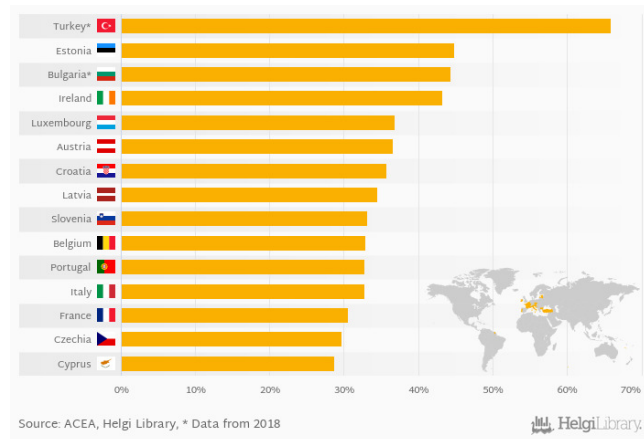
Number of Vehicles (thousand), 2020



### 3. Diesel Fuelled Passenger Cars

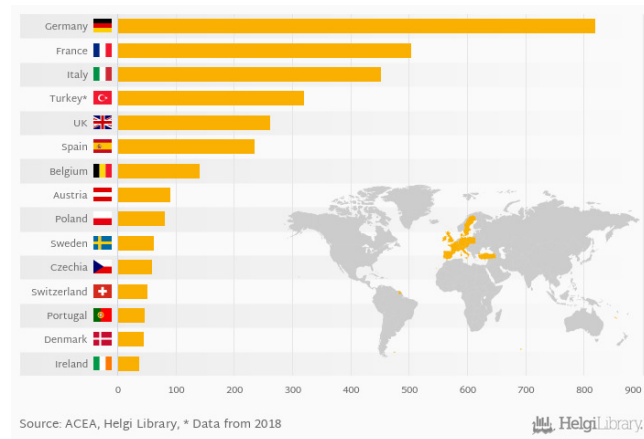
#### Who Likes Diesel-fuelled Cars the Most?

Diesel-Fuelled Cars as % of New Cars Sold (%), 2020



#### Which Country Sells the Most Diesel-Fuelled Cars?

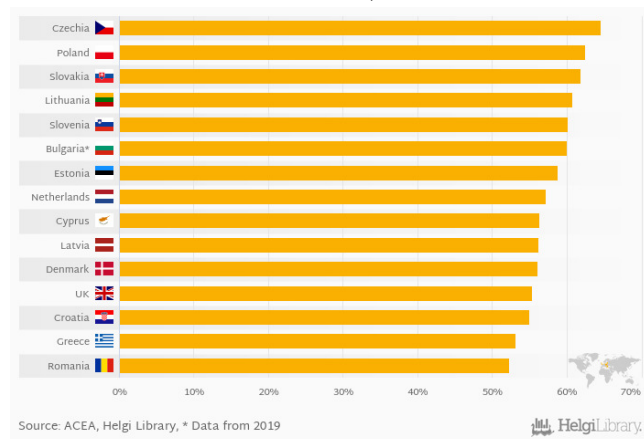
Sales of Diesel-Fuelled Cars (thousand), 2020



### 4. Petrol Fuelled Passenger Cars

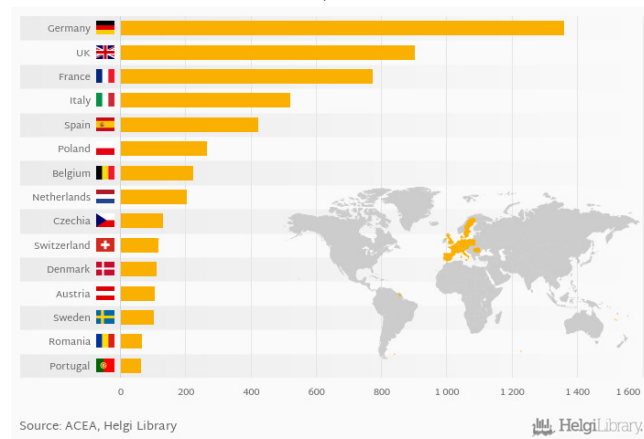
#### Who Likes Petrol-Fuelled Cars the Most?

Petrol-Fuelled Cars as % of New Cars Sold (%), 2020



#### Which Country Sells the Most Petrol-Fuelled Cars?

Sales of Petrol-Fuelled Cars (thousand), 2020



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

COUNTRY	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021
Austria	2.78	2.85	2.75	3.62	3.76	5.99	10.2	10.3
Belgium	4.12	4.06	5.35	7.69	6.36	12.4	19.9	16.8
Bulgaria	0.055	0.053	0.017	...	...	...	...	0.190
Croatia	...	...	0.084	...	...	...	0.330	0.201
Cyprus	0.007	0.006	0.005	0.004	0.007	0.011	0.020	0.046
Czechia	0.292	0.353	0.387	1.32	0.681	0.908	2.33	1.54
Denmark	2.12	2.34	2.72	4.16	4.11	10.2	14.1	10.5
Estonia	0.033	0.028	0.015	0.065	0.070	0.118	0.172	0.127
Finland	1.59	1.74	2.73	4.56	2.73	4.93	5.20	7.24
France	14.4	13.4	19.1	35.4	29.8	45.7	74.8	61.7
Germany	24.4	26.9	34.3	52.4	41.5	111	190	143
Greece	0.143	0.102	0.138	0.159	0.208	0.515	1.25	1.30
Hungary	0.633	0.797	0.896	1.00	0.903	1.60	2.53	1.48
Iceland	0.587	0.555	0.481	1.17	0.651	1.16	1.23	1.08
Ireland	0.736	1.43	0.569	2.69	0.373	2.90	0.553	5.55
Italy	5.28	4.22	5.41	8.35	7.39	14.2	29.9	29.4
Latvia	0.025	0.017	0.031	0.066	0.074	0.147	0.104	0.094
Lithuania	0.031	0.046	0.042	0.087	0.074	0.167	0.125	0.065
Luxembourg	...	...	0.575	0.790	0.712	1.49	2.17	2.27
Netherlands	9.75	13.7	32.9	12.0	8.14	19.1	49.9	10.8
Norway	20.6	17.6	18.1	22.6	18.0	27.0	38.2	29.8
Poland	0.754	0.547	0.763	1.28	1.22	2.06	3.54	2.93
Portugal	2.94	2.72	3.97	4.78	2.64	4.73	7.55	4.98
Romania	0.243	0.543	0.507	0.271	0.328	0.807	1.44	0.415
Slovakia	0.083	0.077	0.101	0.324	0.310	0.474	0.376	0.397
Slovenia	0.159	0.038	0.050	0.387	0.323	0.402	0.664	0.364
Spain	4.47	3.49	5.03	7.25	3.49	10.4	20.1	10.6
Sweden	9.38	8.61	12.6	18.5	14.1	24.0	37.5	32.4
Switzerland	3.67	3.75	6.23	5.42	4.70	9.11	14.7	9.07
UK	12.5	21.0	24.7	31.9	18.5	58.4	66.2	58.4
EU	119	128	178	223	167	363	584	445

Source: ACEA, Helgi Library



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

COUNTRY	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021
Austria	3.73	3.81	4.55	4.41	5.11	7.21	9.29	10.2
Belgium	4.35	4.09	3.39	5.60	2.93	3.88	3.03	5.40
Bulgaria	0.520	0.478	0.605	0.501	...	...	...	0.510
Croatia	...	...	0.351	0.486	...	...	0.721	1.37
Cyprus	0.325	0.283	0.247	0.400	0.046	0.031	0.013	0.428
Czechia	2.22	1.92	2.37	2.38	2.01	3.02	3.56	5.41
Denmark	2.21	2.04	2.55	2.32	1.69	2.60	3.05	2.15
Estonia	0.783	0.672	0.717	0.738	0.488	0.692	0.763	1.45
Finland	4.25	4.29	3.24	5.09	3.13	5.19	5.32	8.17
France	27.0	25.5	31.4	30.1	30.4	49.3	59.1	70.8
Germany	45.8	50.4	57.0	63.1	46.5	96.4	121	101
Greece	1.68	1.90	1.87	2.59	2.12	3.25	3.79	5.06
Hungary	2.11	2.35	3.00	5.68	5.18	9.14	11.8	12.9
Iceland	0.367	0.283	0.231	0.298	0.249	0.404	0.223	0.331
Ireland	1.86	3.18	0.215	6.34	0.276	4.07	0.308	9.22
Italy	28.3	22.8	31.5	34.8	27.6	62.8	96.7	121
Latvia	0.482	0.384	0.334	0.496	0.243	0.396	0.531	0.777
Lithuania	0.926	0.772	1.11	1.08	0.825	4.20	2.18	3.39
Luxembourg	...	...	0.594	0.853	0.698	1.10	1.37	1.77
Netherlands	7.95	7.36	7.17	11.5	6.86	13.3	14.9	19.2
Norway	5.60	4.30	3.99	3.25	2.57	2.89	3.55	2.57
Poland	10.7	10.8	13.5	13.7	9.11	16.1	22.9	29.7
Portugal	2.74	2.05	2.70	2.83	1.50	2.94	4.64	4.13
Romania	1.46	2.41	2.15	2.25	2.27	4.08	5.67	5.52
Slovakia	1.04	1.07	1.61	1.33	1.26	2.00	2.94	2.61
Slovenia	0.774	0.606	0.585	0.571	0.312	0.415	0.416	0.651
Spain	27.9	25.4	33.0	29.4	16.7	40.3	51.0	41.0
Sweden	6.96	6.65	7.45	4.43	4.89	8.74	9.88	6.14
Switzerland	5.26	5.44	7.85	7.09	5.75	7.89	12.5	11.6
UK	39.5	51.0	42.8	68.1	23.3	114	13.9	109
EU	215	220	242	282	182	426	414	529

Source: ACEA, Helgi Library

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

COUNTRY	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021
Austria	0.185	0.139	0.195	0.005	0.122	0.111	0.072	0.025
Belgium	1.45	0.888	0.680	0.049	0.852	1.27	0.923	0.843
Bulgaria	0.803	0.823	0.419	0.086	...	...	...	0.053
Croatia	...	...	0.048	0.064	...	...	0.324	0.327
Cyprus	...	...	...	0	...	...	...	0
Czechia	0.725	0.674	0.435	0.105	0.446	0.735	0.916	0.507
Denmark	0	0	0.005	0	0	0	0	0
Estonia	0.216	0.307	0.173	0	0.149	0.198	0.185	0.188
Finland	0.555	0.737	0.778	0	0.400	0.487	0.218	0.307
France	0.796	2.89	4.01	0.506	3.54	6.89	5.95	9.42
Germany	4.65	4.13	2.69	0.180	2.15	4.57	4.68	2.51
Greece	0.623	0.800	0.596	0	0.272	0.542	0.590	0.533
Hungary	0.007	0	0	0	0.013	0.168	0.128	0.206
Iceland	0.021	0.017	0.013	0	0.006	0.013	0.001	0.001
Ireland	...	...	...	0	...	...	...	0
Italy	47.1	43.6	41.9	20.9	21.4	36.3	38.0	36.4
Latvia	0.042	0.010	0.020	0.012	0.020	0.027	0.073	0.042
Lithuania	...	0.002	0	0	...	0.022	0.051	0
Luxembourg	...	...	0.001	0	0	0	0	0
Netherlands	0.301	0.104	0.167	0.090	0.344	0.783	0.854	0.399
Norway	0.003	0.003	0.003	0	0.001	0.002	0.001	0
Poland	2.85	2.90	0.344	0.643	1.18	2.69	4.70	3.11
Portugal	0.731	0.646	0.212	0.094	0.349	0.475	0.915	0.435
Romania	0.295	0.742	0.074	0.093	1.07	2.87	5.25	1.67
Slovakia	0.088	0.065	0.083	0.042	0.218	0.275	0.339	0.217
Slovenia	0.039	0.029	0.017	0.004	0.046	0.058	0.076	0.123
Spain	8.09	7.51	3.94	0.988	1.56	4.44	4.75	2.56
Sweden	1.32	2.33	2.04	0.001	0.542	0.998	0.864	0.416
Switzerland	0.424	0.378	0.360	0.001	0.115	0.111	0.081	0.066
UK	...	...	...	0	...	...	...	0
EU	66.3	64.2	57.6	22.8	31.6	57.0	57.9	54.0

Source: ACEA, Helgi Library

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

COUNTRY	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021
Austria	36.2	23.9	27.9	21.3	21.6	18.3	22.5	16.3
Belgium	49.6	41.1	35.8	40.6	29.0	39.4	33.1	32.1
Bulgaria	3.99	4.03	3.75	2.34	...	...	...	1.93
Croatia	...	...	4.19	3.46	...	...	2.77	3.09
Cyprus	1.25	1.11	0.911	0.901	0.610	0.761	0.619	0.606
Czechia	18.2	16.7	17.6	14.6	12.1	16.6	16.9	14.1
Denmark	14.8	13.5	14.5	13.0	9.13	10.4	12.6	7.04
Estonia	3.25	2.70	2.16	1.28	1.55	2.23	2.12	1.42
Finland	5.75	4.53	4.04	3.95	2.95	3.21	2.68	2.61
France	209	160	196	121	102	139	142	108
Germany	318	277	267	224	159	227	210	158
Greece	8.66	8.21	5.65	5.79	4.31	5.78	6.37	5.05
Hungary	8.44	6.67	8.50	6.95	4.83	7.67	8.17	6.01
Iceland	1.46	0.685	0.490	0.452	0.364	0.687	0.300	0.332
Ireland	7.52	14.7	1.48	21.9	1.49	13.0	1.86	17.6
Italy	225	143	159	119	84.4	132	117	112
Latvia	1.78	1.59	1.60	1.46	0.891	1.24	1.18	1.00
Lithuania	2.04	2.24	1.91	1.49	0.946	1.77	2.75	0.950
Luxembourg	...	...	4.85	4.60	3.34	4.80	3.89	3.77
Netherlands	8.63	7.31	6.18	5.46	2.65	3.18	1.71	2.17
Norway	6.39	5.40	5.69	3.49	3.21	3.09	2.37	2.09
Poland	27.2	25.5	28.4	19.7	13.2	22.3	25.7	17.1
Portugal	26.5	18.5	20.1	15.7	6.33	13.6	12.2	8.16
Romania	9.79	12.1	10.5	8.30	6.19	8.39	11.0	3.74
Slovakia	6.73	5.89	6.44	4.99	3.55	5.49	5.06	4.04
Slovenia	6.60	4.65	4.82	4.81	4.51	4.97	3.54	4.82
Spain	102	73.7	85.0	59.7	36.2	70.0	70.0	42.8
Sweden	33.4	23.8	34.7	16.6	15.6	15.4	15.3	19.5
Switzerland	22.5	16.8	19.8	16.0	10.3	13.7	14.2	9.36
UK	152	139	104	91.4	27.5	90.1	52.7	48.6
EU	1,226	970	992	783	520	802	721	595

Source: ACEA, Helgi Library

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

COUNTRY	2Q2019	3Q2019	4Q2019	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021
Austria	52.1	44.8	35.7	25.2	27.5	29.0	26.0	26.6
Belgium	95.1	78.6	65.6	72.5	50.1	60.1	41.0	64.1
Bulgaria	6.02	4.73	5.25	2.86	...	...	...	2.97
Croatia	...	...	7.04	5.84	...	...	3.79	5.50
Cyprus	2.19	1.53	1.52	1.62	1.04	1.59	1.43	1.64
Czechia	48.7	43.8	39.7	31.3	30.6	34.0	33.5	28.0
Denmark	36.9	33.6	32.2	29.3	25.0	30.6	26.3	24.2
Estonia	5.55	4.57	4.03	3.27	2.11	3.16	2.31	2.54
Finland	19.0	16.4	15.5	13.9	9.85	12.2	9.60	9.65
France	362	274	322	178	185	210	201	192
Germany	576	533	506	359	260	393	350	252
Greece	28.2	16.2	13.1	12.5	8.27	13.4	8.93	11.5
Hungary	29.0	30.7	30.4	19.0	12.1	15.8	15.3	11.6
Iceland	2.14	1.00	0.675	0.544	0.442	0.807	0.348	0.347
Ireland	6.51	13.8	0.898	18.9	0.953	11.7	1.09	15.7
Italy	239	172	211	156	95.9	137	133	149
Latvia	3.05	2.47	2.47	1.83	1.71	2.03	1.77	1.53
Lithuania	10.3	8.10	8.60	8.07	4.24	5.28	6.87	3.19
Luxembourg	...	...	5.93	5.67	4.13	5.86	3.94	4.66
Netherlands	83.7	76.5	68.1	74.0	37.1	54.0	40.5	46.8
Norway	7.17	5.14	3.99	3.05	3.09	3.18	1.96	1.85
Poland	96.9	92.7	102	72.3	47.4	72.1	76.3	65.1
Portugal	36.3	21.5	22.8	21.9	8.75	19.1	14.5	13.3
Romania	24.0	36.6	24.3	17.1	11.8	18.8	18.4	7.73
Slovakia	20.2	17.2	16.9	12.2	9.71	13.4	12.0	8.14
Slovenia	13.4	11.0	10.3	8.83	8.31	9.39	5.77	9.68
Spain	233	163	166	120	63.2	130	110	89.1
Sweden	43.0	38.5	51.5	25.6	24.4	27.8	25.9	32.4
Switzerland	53.2	42.8	51.0	35.1	26.9	29.6	31.8	26.4
UK	365	382	278	292	101	327	184	209
EU	2,239	1,912	1,850	1,444	931	1,495	1,210	1,169

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](http://www.helgilibrary.com) or contact us at [info@helgilibrary.com](mailto:info@helgilibrary.com).

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