

Europe Passenger Cars Sales (Dec 2022)

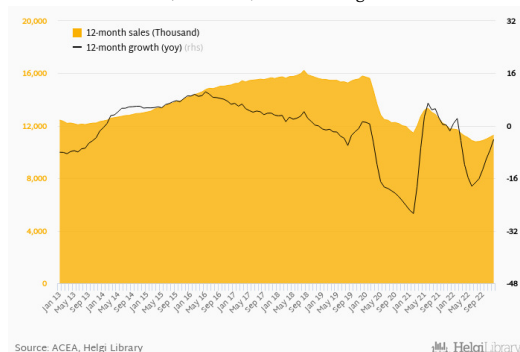
Sales of New Cars grew 14.8% in December 2022

Sales of new cars increased by 141 thousand in December compared to last year. This year, the decline reached 4.14% yoy. The biggest improvement was seen in Estonia (up 124%) while sales in Lithuania dropped the most (down 18.3%). Volkswagen Group sold the most cars in December 2022 in Europe, some 274 thousand vehicles representing 25.1% of the European market.

- ✓ In December, sale of new cars rose 12.8% yoy in the EU, marking the fifth consecutive month of growth this year. While German and Italian car markets rose 38% and 21% respectively, Spain suffered a substantial decline of 14.1%. Overall, the European Union passenger car market contracted by 4.6% in 2022, due mainly to the impact of component shortages in the first half of the year.
- ✓ In December, most vehicles (314 thousand) were sold in Germany (up 38.1% yoy), followed by France (158 thousand, down 0.057%), the United Kingdom with 128 thousand cars (up 18.3%), 105 thousand new vehicles were registered in Italy (up 21.0%) and 73.9 thousand in Spain (down 14.1%). The five largest countries accounted for 64.7% of total new vehicles registered in December 2022.
- ✓ In relative terms, sales in Estonia (+124%) and Ireland (+97.2%) showed the best performance compared to a year ago, whereas registration in Lithuania and Denmark performed the worst (-18.3% and -14.3% yoy), in December 2022, according to ACEA.
- ✓ Volkswagen Group sold the most cars in December 2022 in Europe, some 274 thousand vehicles representing 25.1% of the European market. Sales of Renault Group amounted to 116 thousand vehicles (or 10.6% of the market) while PSA Group and BMW Group held 10.0% and 7.80% of the European market in December. Overall, the five largest manufacturers sold 60.3% of all new cars in December:

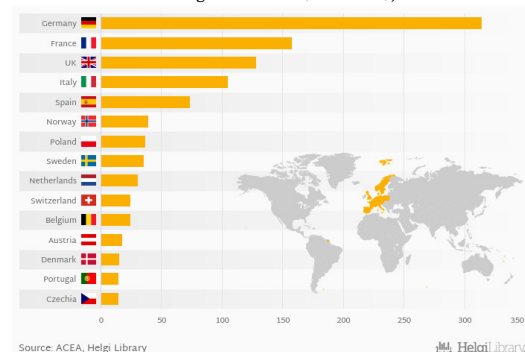
Country	Dec 2022	Yoy Change
Germany	314	38.1%
France	158	-0.057%
UK	128	18.3%
Italy	105	21.0%
Spain	73.9	-14.1%
Norway	39.5	92.0%
Poland	36.9	1.96%
Sweden	35.5	28.5%
Netherlands	30.9	-13.5%
Switzerland	24.7	0.873%
Belgium	24.6	20.6%
Austria	17.6	-0.261%
Denmark	15.2	-14.3%
Portugal	14.8	17.0%
Czechia	14.6	-10.2%
Romania	12.4	4.88%
Hungary	8.00	-8.48%
Greece	6.49	14.6%
Slovakia	6.45	17.0%
Finland	6.19	-5.21%

Annual Sales of New Passenger Cars in Europe
Number of Vehicles (thousand) and Annual growth



Where Most Cars Were Sold in Europe?

Number of New Passenger Cars Sold (thousand), December 2022



Data tells a story

Sales of New Cars in Europe grew 14.8% in December 2022

Sales of new cars increased by 141 thousand in December compared to last year

This year, the decline reached 4.14% yoy

Estonia performed relatively the best (up 124% yoy) while sales in Lithuania showed the weakest change compared to the last year (down 18.3% yoy)

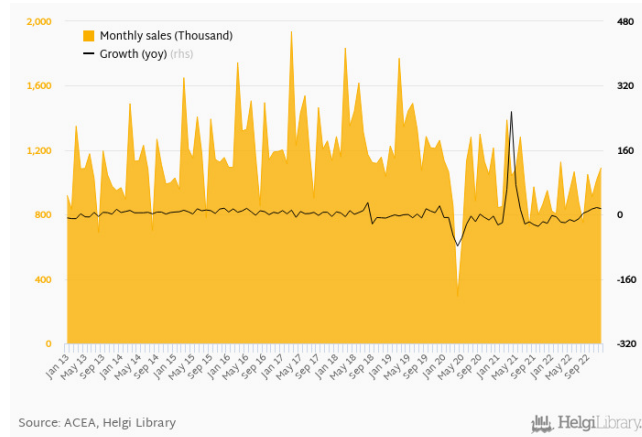
Sales of new passenger cars reached 1,091 thousand in December 2022 in the enlarged Europe (EU plus Iceland, Norway and Switzerland), according to ACEA. This is 14.8%, or 141 thousand more than in the previous year. This year, some 11,288 thousand cars were sold in Europe, down 4.14% yoy.

In December, sale of new cars rose 12.8% yoy in the EU, marking the fifth consecutive month of growth this year. While German and Italian car markets rose 38% and 21% respectively, Spain suffered a substantial decline of 14.1%. Overall, the European Union passenger car market contracted by 4.6% in 2022, due mainly to the impact of component shortages in the first half of the year.

Historically, between 1990 and 2022, sales of passenger cars in Europe reached a high of 1,937 thousand in March 2017 and a low of 292 thousand in April 2020.

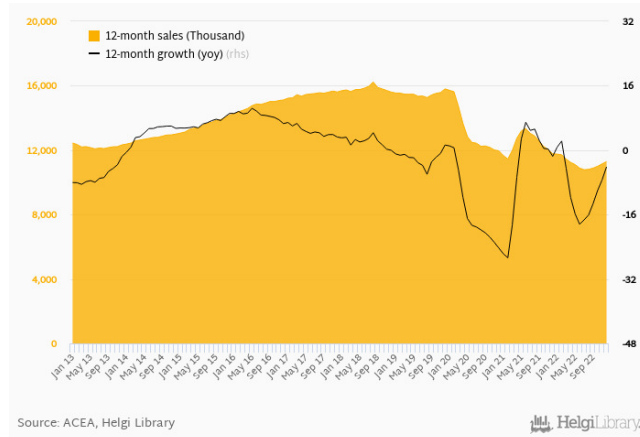
Monthly Sales of New Passenger Cars in Europe

Number of Vehicles (thousand) and Annual growth



Annual Sales of New Passenger Cars in Europe

Number of Vehicles (thousand) and Annual growth



Sales by Country

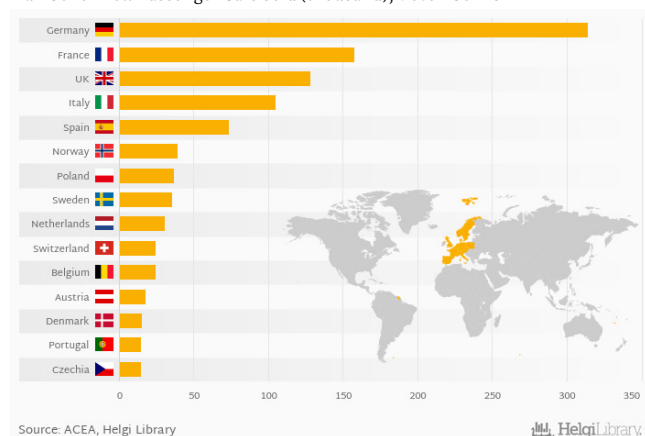
In December, most vehicles (314 thousand) were sold in Germany (up 38.1% yoy), followed by France (158 thousand, down 0.057%), the United Kingdom with 128 thousand cars (up 18.3%), 105 thousand new vehicles were registered in Italy (up 21.0%) and 73.9 thousand in Spain (down 14.1%). The five largest countries accounted for 64.7% of total new vehicles registered in December 2022.

In absolute terms, the best performance in sales of new cars has been seen in Germany (up 86.7 thousand cars) and the United Kingdom (up 19.9 thousand cars). At the other end of the scale, Spain and Netherlands showed the weakest change in registration of new cars in December when compared to last year (down 12.2 thousand and down 4.81 thousand cars, respectively).

In relative terms, sales in Estonia (+124%) and Ireland (+97.2%) performed the best compared to a year ago, whereas registration in Lithuania and Denmark the worst (-18.3% and -14.3% yoy), in December 2022, according to ACEA:

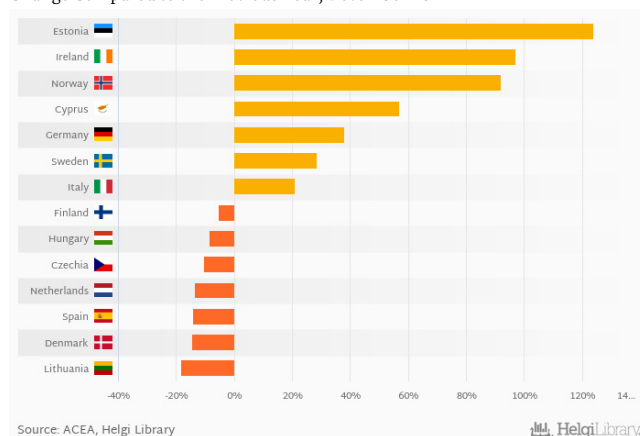
Where Most Cars Were Sold in Europe?

Number of New Passenger Cars Sold (thousand), December 2022



Change in Demand for New Cars in Europe

Change Compared to the Previous Year, December 2022



This year, some 11,288 thousand cars were sold in Europe, down 4.14% yoy. The table below shows details of the sales for each of the European country:

Sales of new passenger cars in Europe (thousands of vehicles)

COUNTRY	December 2022	December 2021	YOY Change %	1-12/2022	1-12/2021	YOY Change %
Austria	17.6	17.6	-0.261	215	240	-10.3
Belgium	24.6	20.4	20.6	366	383	-4.38
Bulgaria	2.01	1.78	12.9	28.7	24.5	16.9
Croatia	2.69	2.45	10.1	43.0	44.9	-4.36
Cyprus	0.776	0.494	57.1	11.6	10.6	9.93
Czechia	14.6	16.2	-10.2	192	207	-7.15
Denmark	15.2	17.8	-14.3	148	185	-20.0
Estonia	2.29	1.02	124	21.6	22.3	-3.42
Finland	6.19	6.53	-5.21	81.7	98.5	-17.0
France	158	158	-0.057	1,529	1,659	-7.83
Germany	314	228	38.1	2,651	2,622	1.11
Greece	6.49	5.66	14.6	105	101	4.30
Hungary	8.00	8.74	-8.48	112	122	-8.48
Iceland	1.46	1.24	17.7	16.6	12.8	29.5
Ireland	0.209	0.106	97.2	105	105	0.557
Italy	105	86.7	21.0	1,316	1,456	-9.61
Latvia	1.18	1.00	18.2	16.7	14.3	16.5
Lithuania	1.46	1.78	-18.3	25.5	31.4	-18.6
Luxembourg	3.12	3.23	-3.43	42.1	44.4	-5.13
Netherlands	30.9	35.7	-13.5	314	325	-3.42
Norway	39.5	20.6	92.0	174	176	-1.10
Poland	36.9	36.2	1.96	420	448	-6.23
Portugal	14.8	12.6	17.0	156	147	6.59
Romania	12.4	11.9	4.88	129	121	6.70
Slovakia	6.45	5.51	17.0	79.1	75.7	4.44
Slovenia	2.53	2.54	-0.708	46.3	54.0	-14.2
Spain	73.9	86.1	-14.1	813	859	-5.37
Sweden	35.5	27.6	28.5	288	301	-4.29
Switzerland	24.7	24.5	0.873	226	238	-5.26
United Kingdom	128	109	18.3	1,614	1,647	-2.01
EU + EFTA	1,091	950	14.8	11,288	11,776	-4.14

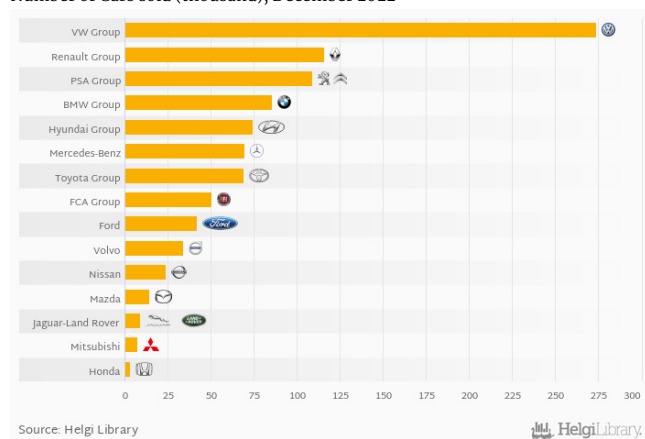
Source: ACEA, Helgi Library

Sales by Manufacturers

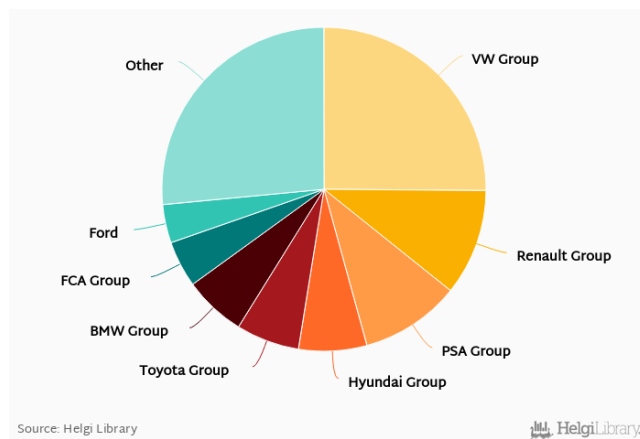
Volkswagen Group sold the most cars in December 2022 in Europe, some 274 thousand vehicles representing 25.1% of the European market. Sales of Renault Group amounted to 116 thousand vehicles (or 10.6% of the market) while PSA Group and BMW Group held 10.0% and 7.80% of the European market in December. Overall, the five largest manufacturers sold 60.3% of all new cars in December:

Sales of Cars by Manufacturer in the EU

Number of Cars sold (thousand), December 2022



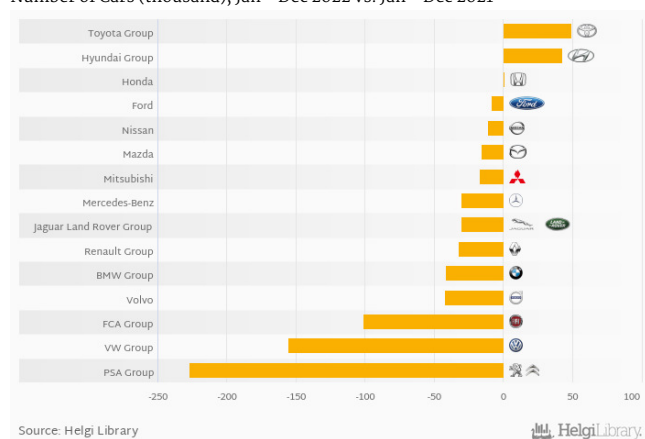
Market Share



When compared to last year, Hyundai Motor Company has gained the most in terms of market share rising its market position by 0.756 bp, followed by Toyota Motor Corporation (up 0.718 bp) and Ford Motor Company (up 0.120 bp). PSA Peugeot Citroen were on the other end of the market spectrum dropping 1.38 bp on the market alongside with Fiat Chrysler Automobiles (down 0.647 bp) and Volkswagen Group (-0.293 bp):

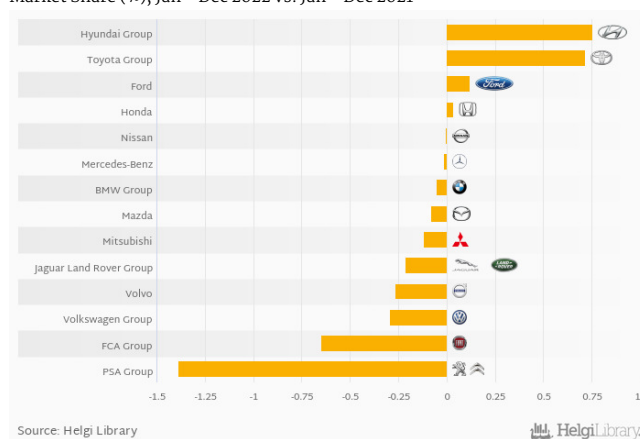
Who Gained the Most of the Market?

Number of Cars (thousand), Jan - Dec 2022 vs. Jan - Dec 2021



Who gained the most of the Market?

Market Share (%), Jan - Dec 2022 vs. Jan - Dec 2021



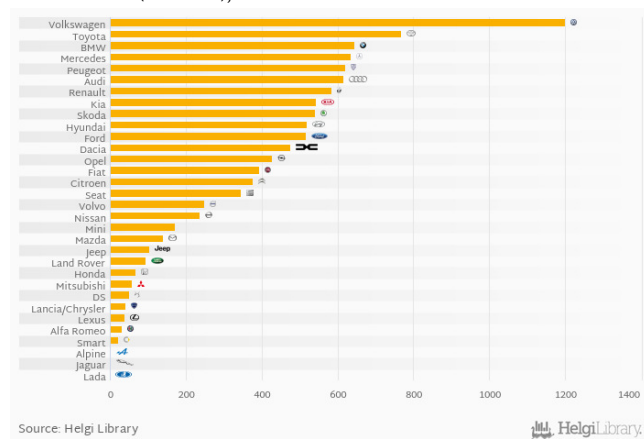
In terms of particular brands, Volkswagen stands out as the most favorite brand accounting for 1,200 thousand sold vehicles, or 10.6% of all new passenger cars sold on the European market in December 2022.

In terms of momentum, Toyota gained the most in terms of market share in the first

month of the year 2022 (up 0.773 bp) followed by Kia and Audi. Peugeot and Citroen were on the other end of the market spectrum losing -0.662 bp and -0.455 bp respectively:

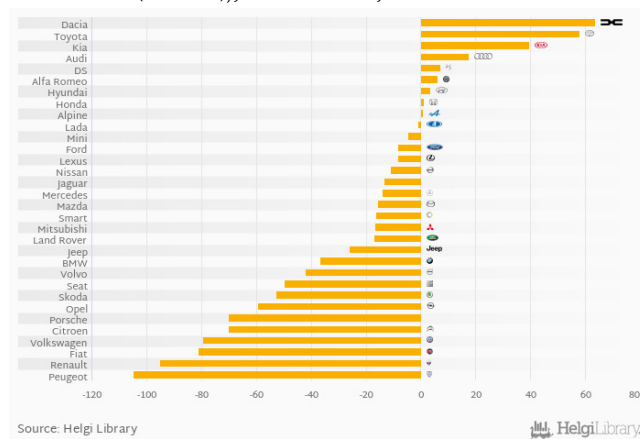
Sales by Brands

Number of Cars (thousand), December 2022



Change in Sales by Brand

Number of Cars (thousand), Jan - Dec 2021 vs. Jan - Dec 2022



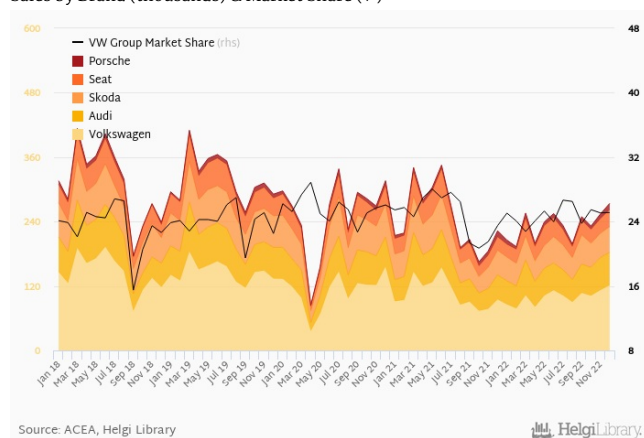
Volkswagen

Volkswagen Group sold 274 thousand new passenger cars representing a 25.1% share of all new passenger cars sold in Europe in December 2022. This is 22.8% more vehicles and a 1.63 pp increase in market share when compared to last year. Looking back three years, VW's market share was 22.5%.

The Group sold 122 thousand of Volkswagen brand cars in December, followed by 61.2 thousand of Audis and 47.7 thousand of Skodas. Seat sold 31.9 thousand vehicles and Porsche some 11.5 thousand cars in December 2022:

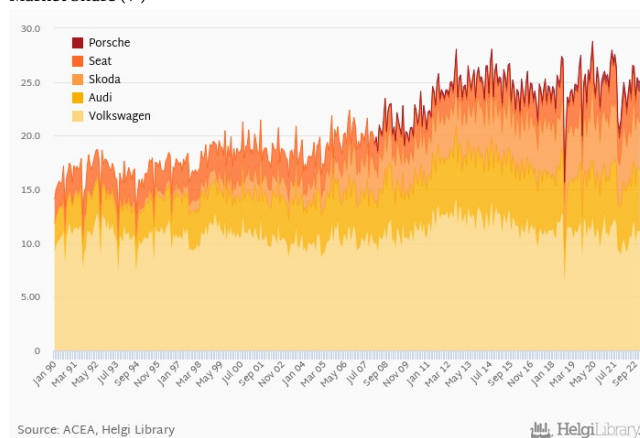
Sales of Volkswagen Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Volkswagen Brands in Europe

Market Share (%)



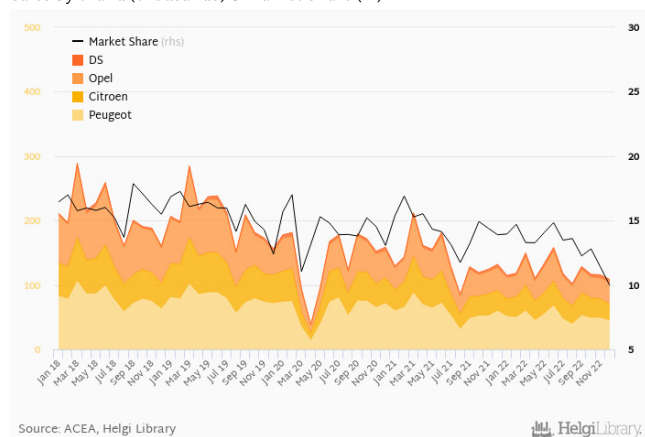
PSA Group

PSA Group sold 109 thousand new passenger cars representing a 9.98% share of all new passenger cars sold in Europe in December 2022. This is 17.6% fewer vehicles and a 3.93 pp decrease in market share when compared to last year. By comparison, the market share three years ago stood at 12.4% and is down by 2.42 pp now.

The Group sold 45.2 thousand of Peugeots cars, followed by 33.3 thousand of Opels and 25.3 thousand of Citroens in December 2022:

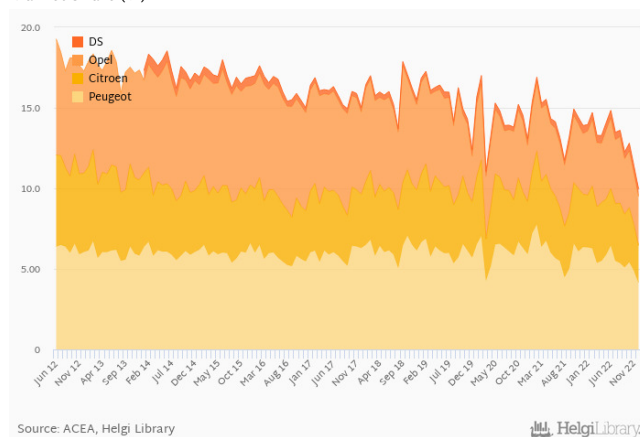
Sales of PSA Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of PSA Brands in Europe

Market Share (%)



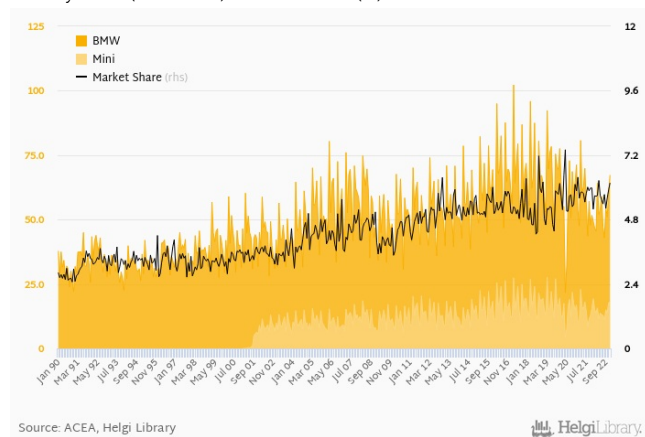
BMW Group

BMW Group sold 85.4 thousand new passenger cars representing a 7.83% share of all new passenger cars sold in Europe in December 2022. This is 24.5% more vehicles and a 0.611 pp increase in market share when compared to last year. Compared to three years ago, BMW Group's market share is now 0.126 pp higher.

The group sold 67.3 thousand of BMW brand cars, followed by 18.1 thousand of Minis in December 2022:

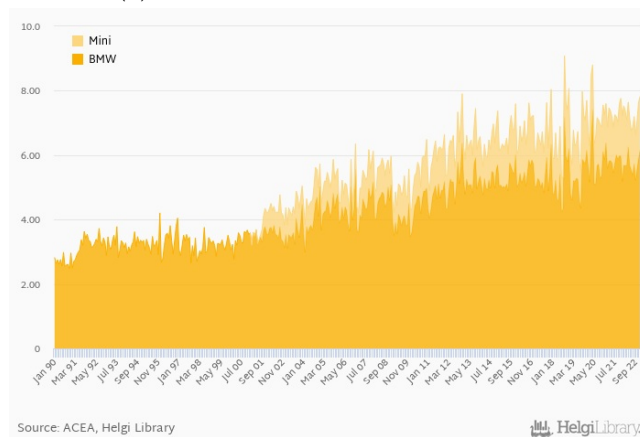
Sales of BMW Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of BMW Brands in Europe

Market Share (%)



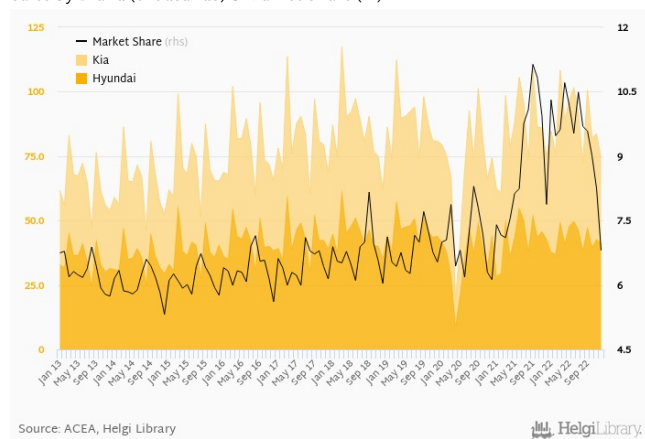
Hyundai Group

Hyundai Group sold 74.3 thousand new passenger cars representing a 6.81% share of all new passenger cars sold in Europe in December 2022. This is 0.775% fewer vehicles and a 1.07 pp decrease in market share when compared to last year. Compared to three years ago, Hyundai Group's market share is now 0.271 pp higher.

The group sold 41.0 thousand of Hyundai brand cars, followed by 33.2 thousand of Kias in December 2022:

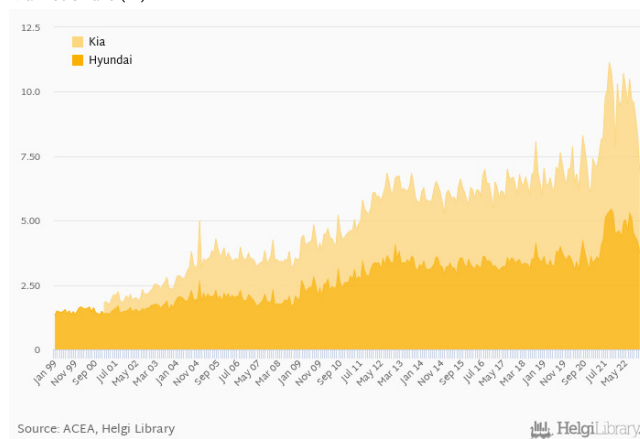
Sales of Hyundai Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Hyundai Brands in Europe

Market Share (%)



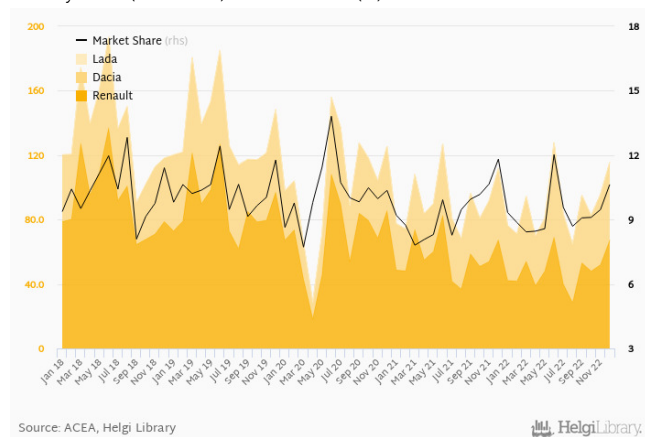
Renault Group

Renault Group sold 116 thousand new passenger cars representing a 10.6% share of all new passenger cars sold in Europe in December 2022. This is 3.34% more vehicles and a 1.18 pp decrease in market share when compared to last year. By comparison, three years ago, Renault Group's market share was 11.8%.

The group sold 67.2 thousand of Renault brand cars in December, followed by 48.3 thousand of Dacias and 0.020 thousand of Ladas:

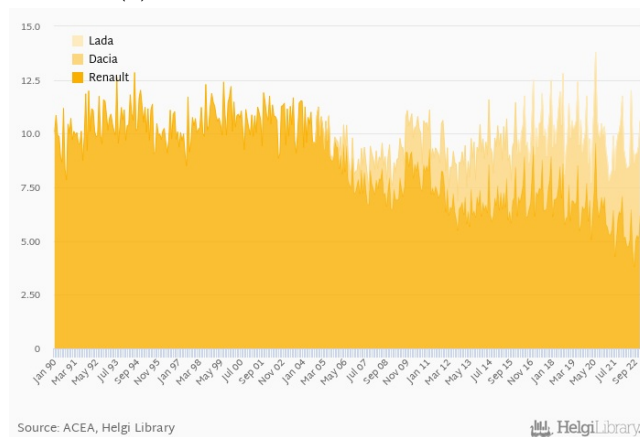
Sales of Renault Group Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Renault Brands in Europe

Market Share (%)



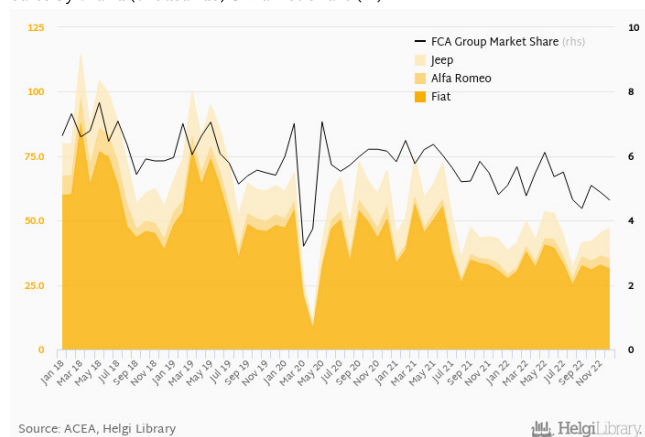
FCA Group

FCA Group sold 50.6 thousand new passenger cars representing a 4.64% share of all new passenger cars sold in Europe in December 2022. This is 10.8% more vehicles and a 0.168 pp decrease in market share when compared to last year. By comparison, three years ago FCA Group's market share stood at 5.41%.

The group sold 31.3 thousand of Fiat brand cars in December, followed by 11.8 thousand of Jeeps and 3.94 thousand of Alfa-Romeos:

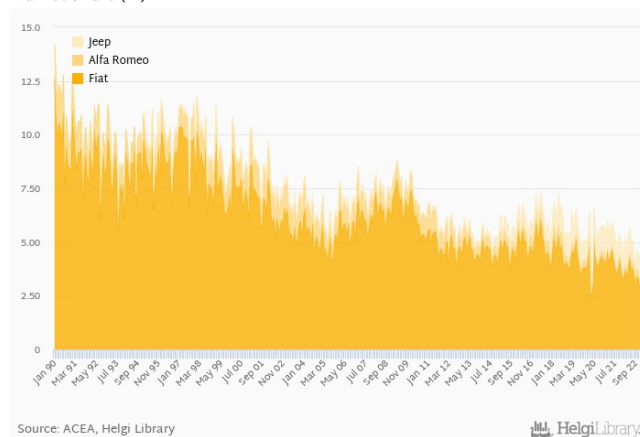
Sales FCA Group Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of FCA Group Brands in Europe

Market Share (%)



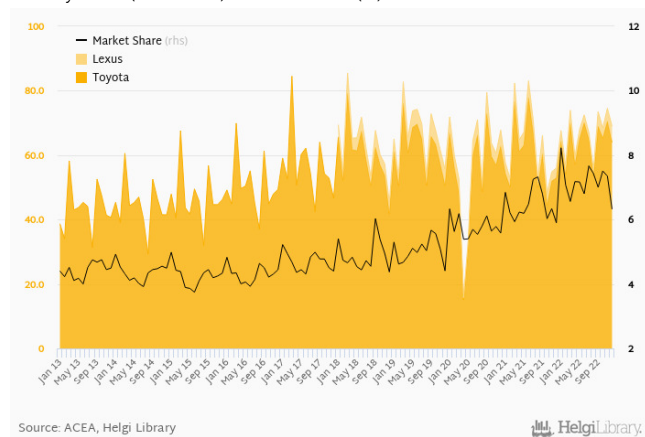
Toyota Group

Toyota Group sold 69.0 thousand new passenger cars representing a 6.32% share of all new passenger cars sold in Europe in December 2022. This is 23.0% more vehicles and a 0.422 pp increase in market share when compared to last year. Toyota Group's market share three years ago, by comparison, stood at 4.41%.

The group sold 64.0 thousand of Toyota brand cars in December, with Lexus following at 4.99 thousand cars:

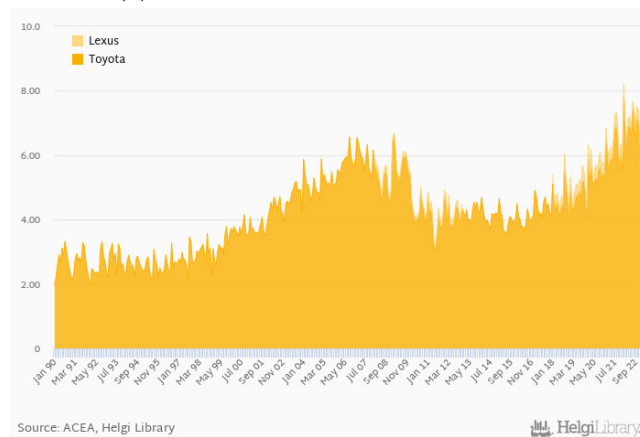
Sales of Toyota Group Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Toyota Group Brands in Europe

Market Share (%)



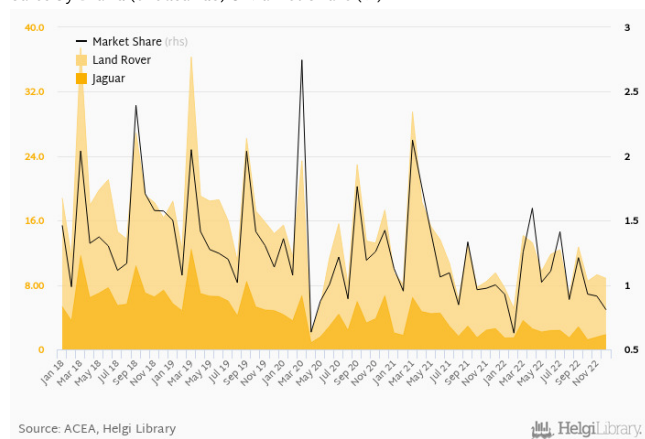
Jaguar Land Rover Group

Jaguar Land Rover Group sold 8.81 thousand new passenger cars representing a 0.808% share of all new passenger cars sold in Europe in December 2022. This is 7.36% fewer vehicles and a 0.193 pp decrease in market share when compared to last year. Three years ago however, the market share of Jaguar Land Rover Group was 1.14%.

The group sold 6.95 thousand of Land Rovers in December, followed by 1.86 thousand of Jaguars:

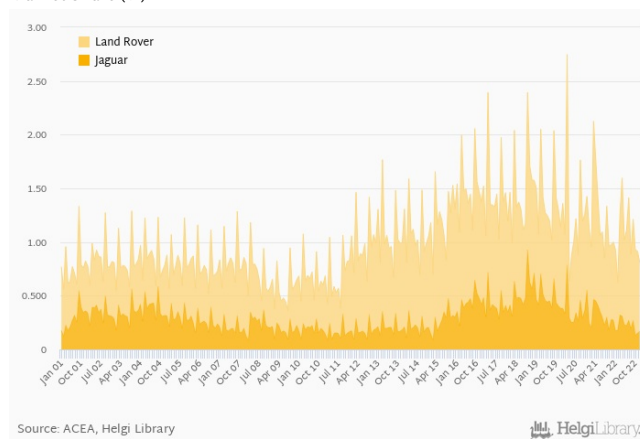
Sales of Jaguar Land Rover Group Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Jaguar Land Rover Group Brands in Europe

Market Share (%)



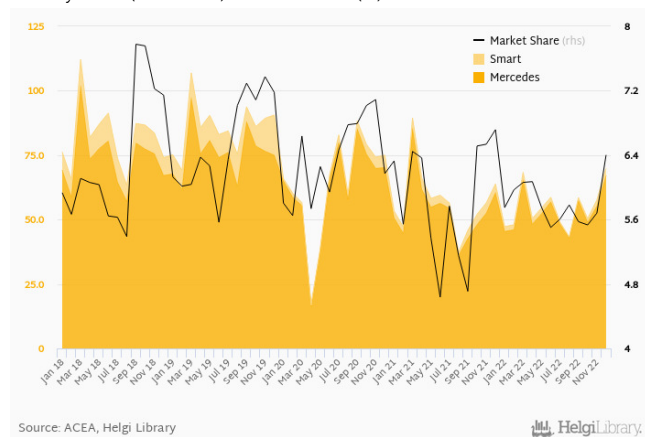
Mercedes-Benz

Mercedes-Benz sold 69.9 thousand new passenger cars representing a 6.40% share of all new passenger cars sold in Europe in December 2022. This is 9.45% more vehicles and a 0.315 pp decrease in market share when compared to last year. By comparison, three years ago, Mercedes-Benz's market share was 7.18%.

The group sold 67.1 thousand of Mercedes in December, followed by 2.78 thousand of Smart cars:

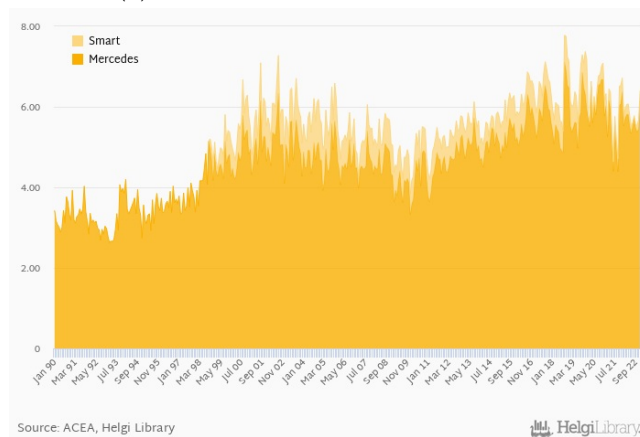
Sales of Mercedes-Benz Cars in Europe

Sales by Brand (thousands) & Market Share (%)



Market Share of Mercedes-Benz Brands in Europe

Market Share (%)

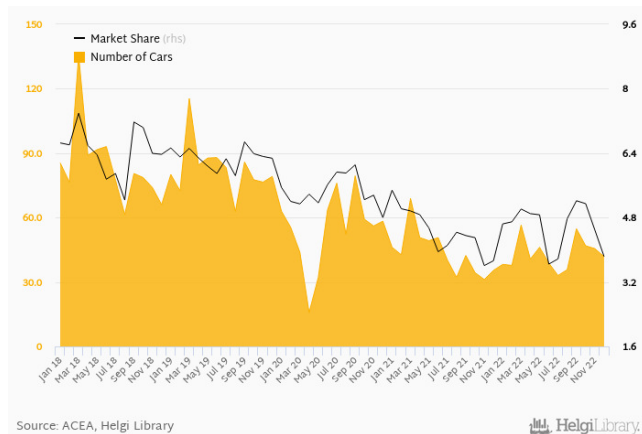


Ford

Ford sold 41.8 thousand new passenger cars representing a 3.83% share of all new passenger cars sold in Europe in December 2022. This is 18.1% more vehicles and a 0.105 pp increase in market share when compared to last year. Compared to three years ago, Ford's market share is now 2.44 pp lower.

Sales of Ford Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)

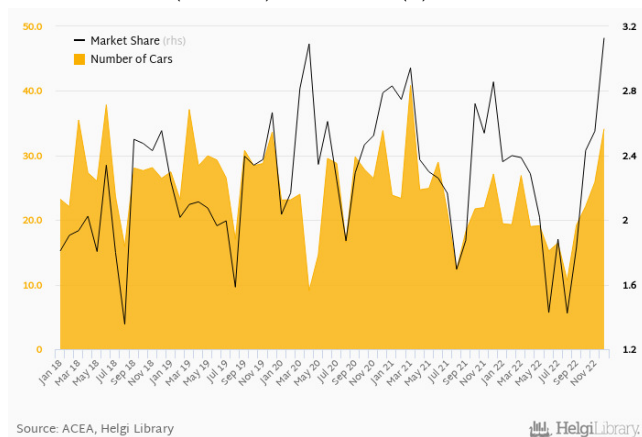


Volvo

Volvo sold 34.1 thousand new passenger cars representing a 3.13% share of all new passenger cars sold in Europe in December 2022. This is 25.8% more vehicles and a 0.272 pp increase in market share when compared to last year. Compared to three years ago, Volvo's market share is now 0.462 pp higher.

Sales of Volvo Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)

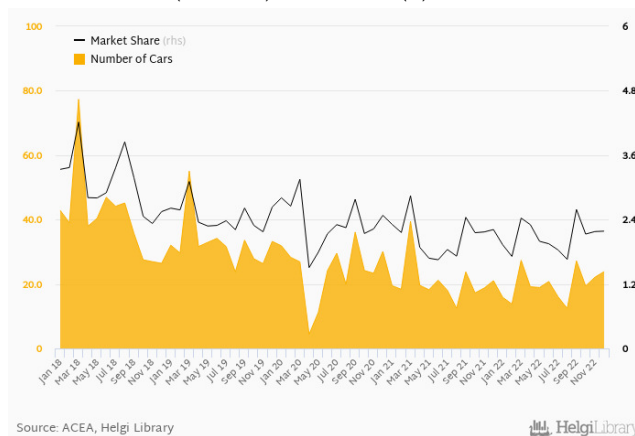


Nissan

Nissan sold 23.8 thousand new passenger cars representing a 2.18% share of all new passenger cars sold in Europe in December 2022. This is 13.3% more vehicles and a 0.030 pp decrease in market share when compared to last year. Compared to three years ago, Nissan's market share is now 0.449 pp lower.

Sales of Nissan Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)

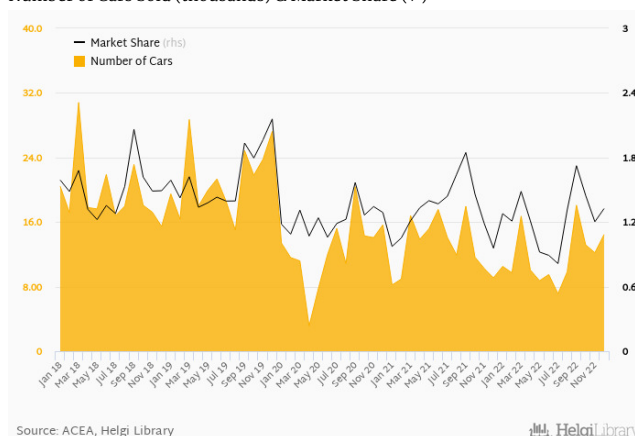


Mazda

Mazda sold 14.5 thousand new passenger cars representing a 1.33% share of all new passenger cars sold in Europe in December 2022. This is 58.9% more vehicles and a 0.368 pp increase in market share when compared to last year. Compared to three years ago, Mazda's market share is now 0.832 pp lower.

Sales of Mazda Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)

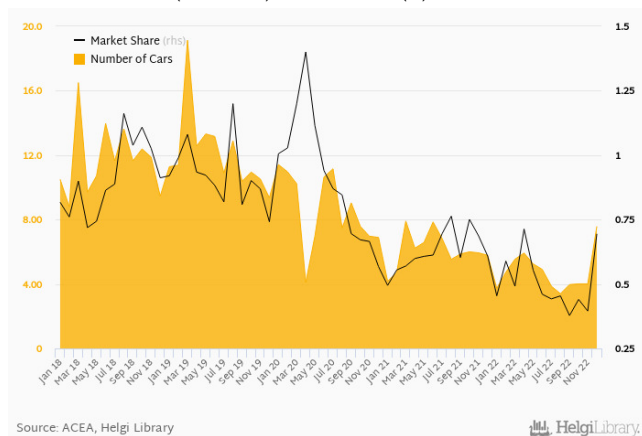


Mitsubishi

Mitsubishi sold 7.58 thousand new passenger cars representing a 0.695% share of all new passenger cars sold in Europe in December 2022. This is 31.1% more vehicles and a 0.086 pp increase in market share when compared to last year. Compared to three years ago, Mitsubishi's market share is now 0.047 pp lower.

Sales of Mitsubishi Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)

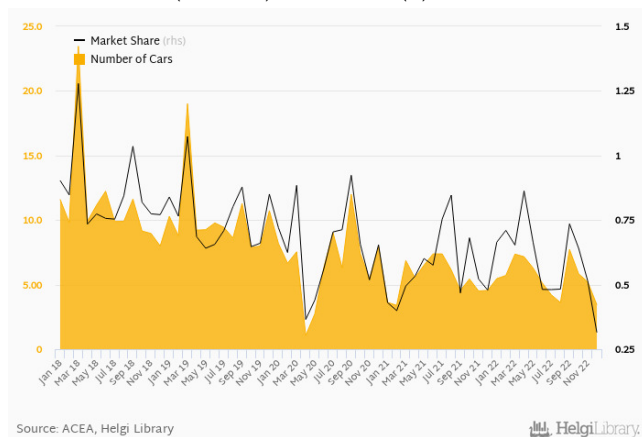


Honda

Honda sold 3.44 thousand new passenger cars representing a 0.315% share of all new passenger cars sold in Europe in December 2022. This is 24.5% fewer vehicles and a 0.164 pp decrease in market share when compared to last year. Compared to three years ago, Honda's market share is now 0.535 pp lower.

Sales of Honda Cars in Europe

Number of Cars Sold (thousands) & Market Share (%)



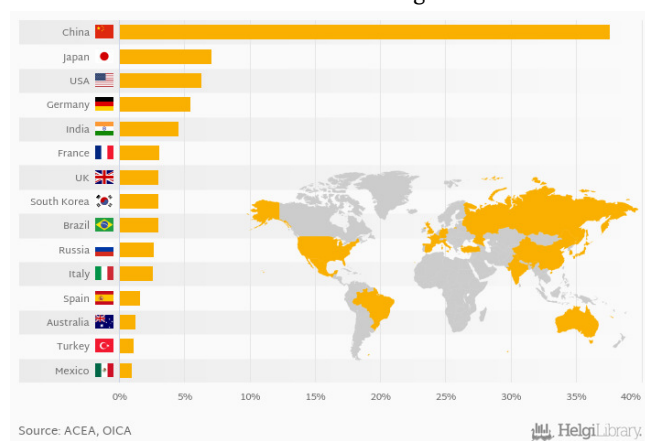
Overview of the Automotive Market

Based on a comparison of 64 countries, China ranked the highest with 20,178 thousand passenger cars sold in 2020 followed by Japan and the USA. Total sales of passenger cars reached 53,599 thousand in 2020 in the world, according to ACEA. This is 15.9% less than in the previous year and 3.98% less than 10 years ago. Historically, total sales of passenger cars reached an all time high of 70,695 thousand in 2017 and an all time low of 11,000 thousand in 1961. The average annual growth stands at 2.39% since 1960.

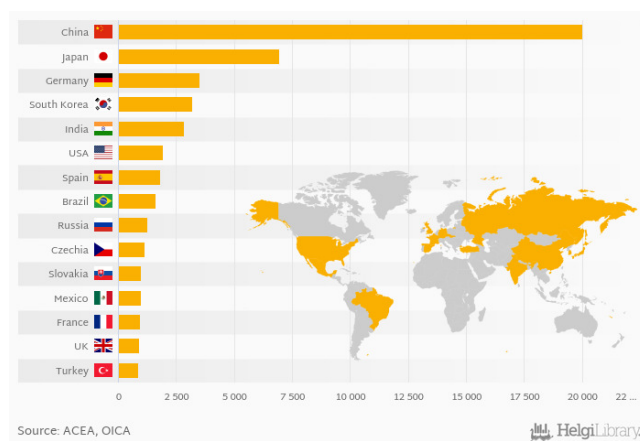
The top ranked country, China, accounted for 37.6% of all passenger cars sold in the world. The top 3 countries held a 51.1% share while the ten largest countries some 75.9% in 2020.

China was the largest car producer in 2020 with 19,994 thousand followed by Japan and Germany. Total production of passenger cars reached 55,834 thousand in 2020 in the world, according to ACEA. China accounted for 35.8% of the world's production, while the top 3 countries held a 54.6% share and the ten largest countries some 79.3% in 2020:

Where are Most of the World's Passenger Cars Sold?

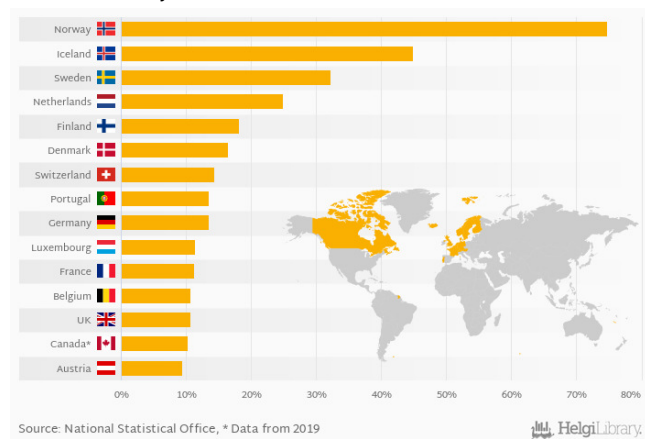


Who Produces the Most Cars?

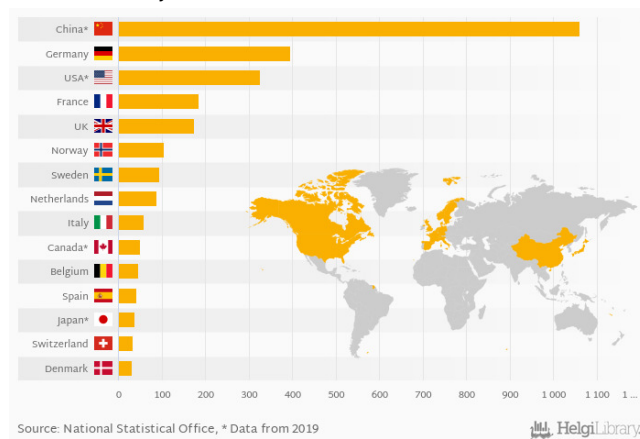


Based on a comparison of 29 countries, Germany ranked the highest in sales of electric cars with 395 thousand followed by France and United Kingdom in 2020. When looking at the ratio of electric to total new cars sold, Norway ranked the highest with 74.8% followed by Iceland and Sweden:

Which Country Loves Electric Cars the Most?



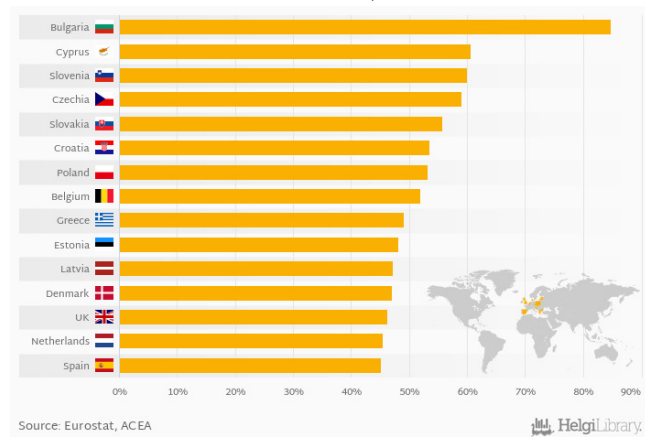
Which Country Sells the Most Electric Cars?



By contrast, Bulgaria ranked the highest in the number of petrol-fuelled as a proportion of new cars sold with 84.7%, followed by Cyprus and Slovenia. In terms of diesel-fuelled vehicles, Ireland ranked the highest with 33.5% followed by Croatia and Luxembourg:

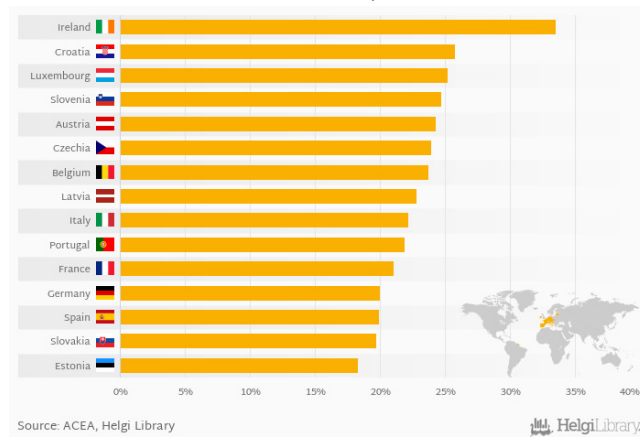
Who likes the Petrol-Fuelled Cars the Most?

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



Who Likes Diesel-fuelled Cars the Most?

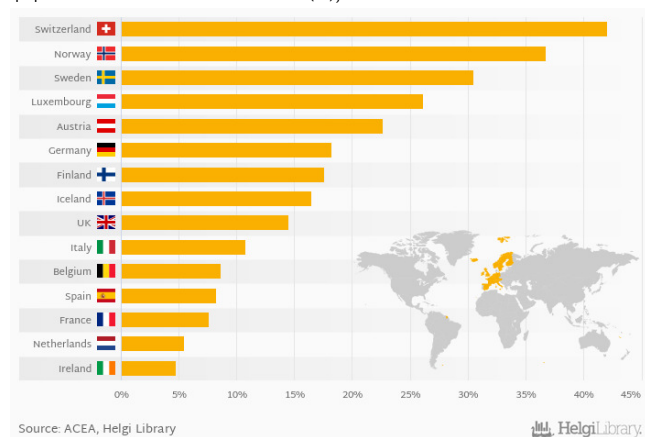
Diesel-Fuelled Cars as % of New Cars Sold (%), 2021



In 2016, Switzerland ranked the highest in 4x4 drive cars as a share of new cars sold with 42.1% followed by Norway and Sweden. Switzerland ranked the highest in the average power of new cars sold with 122 kW followed by Luxembourg and Sweden:

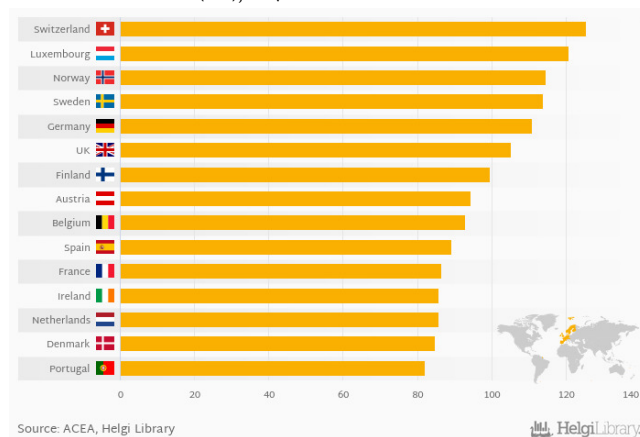
Who Likes 4x4 Drive Cars the Most?

4x4 Drive Cars As % Of New Cars Sold (%), 2016



Who Likes Powerful Cars the Most?

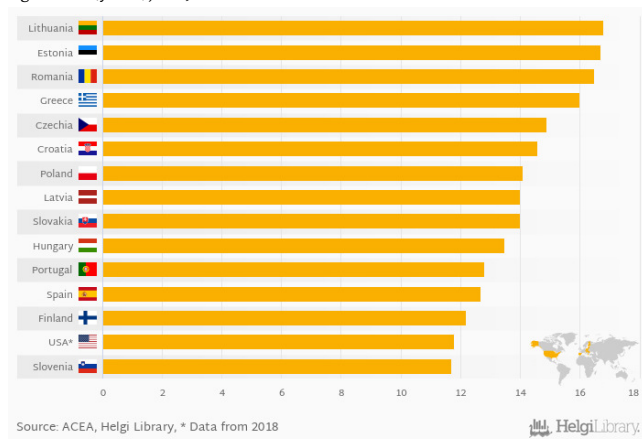
Power of New Cars Sold (kW), 2017



Based on the latest available data, Lithuania, Estonia and Romania were the countries with the oldest average age of passenger cars. The average age was an ancient 16.8 years in Lithuania, 16.7 years years for Estonia and 16.5 years years in Romania. On the other end of the scale was Austria with 8.30 years years, the United Kingdom with 8.00 years years and Luxembourg with 6.50 years years.

Who Drives the Oldest Cars?

Age of Car (years), 2019 or latest

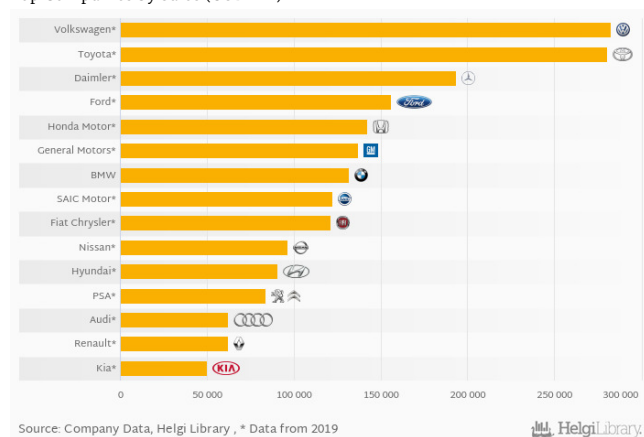


Overview of Car Manufacturers

Based on a comparison of 27 firms among Global Car Producers, Volkswagen Group generated the highest sales in 2019 followed by Toyota Motor Corporation and Daimler Group. At the same time, Toyota Motor Corporation had the highest market value followed by Volkswagen Group and Tesla Inc.:

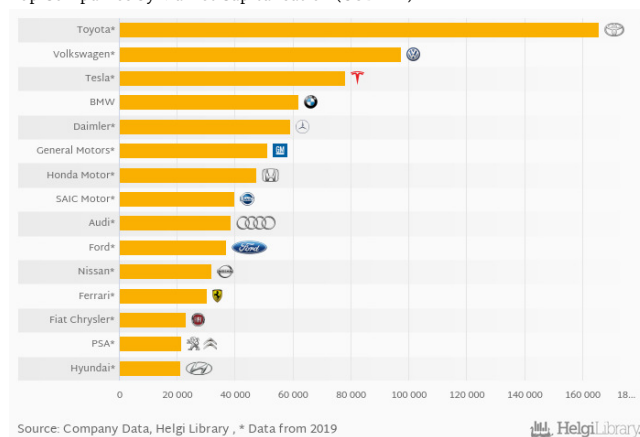
Who had the Highest Sales in 2021?

Top Companies by Sales (USD mil)



Whose Market Value was the Highest in 2021?

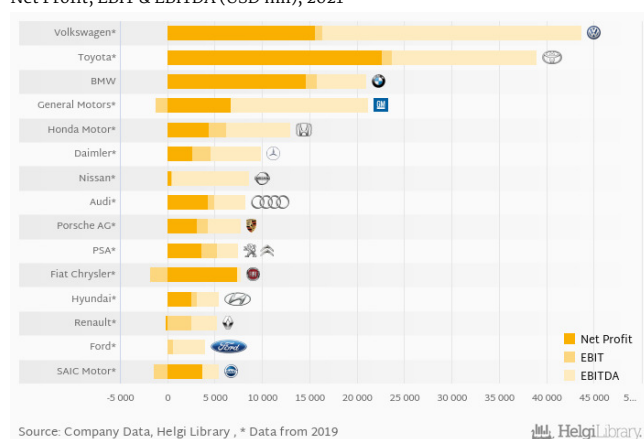
Top Companies by Market Capitalisation (USD mil)



Volkswagen Group generated the highest earnings before interest costs, taxes and depreciation (so called EBITDA) in 2019 followed by Toyota Motor Corporation and General Motors. At the same time, Ferrari generated the highest EBITDA Margin followed by Porsche AG and BMW Group.

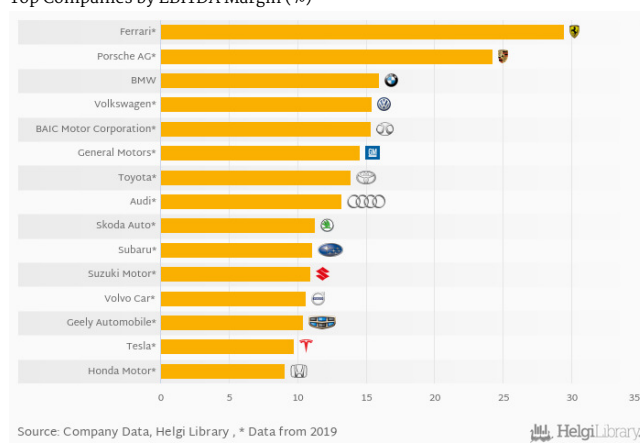
Who Created the Largest EBITDA among Global Car Producers in 2021?

Net Profit, EBIT & EBITDA (USD mil), 2021



Who Operated with the Highest Margins in 2021?

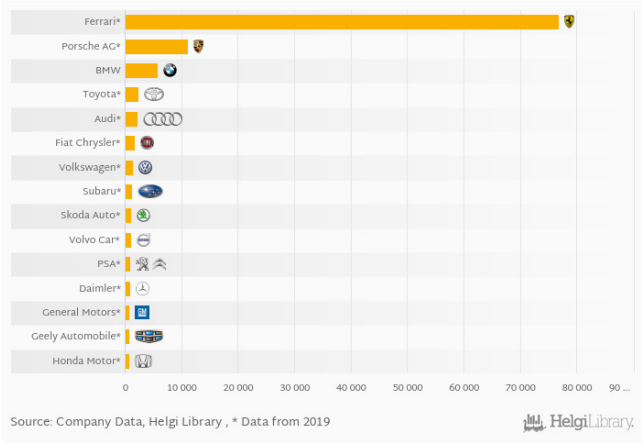
Top Companies by EBITDA Margin (%)



Ferrari produced the highest net profit per car sold in 2019 followed by Porsche AG and Toyota Motor Corporation. Ferrari made a net profit of USD 77,831 for each car sold, down 21.7% compared to the previous year.

Who Made the Most on a Car Produced in 2021?

Net Profit Per Car Sold (USD), 2021 or latest



ABOUT HELGI LIBRARY

Helgi Library 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 Library 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.

Helgi Library
Eliášova 38
160 00 Prague 6, Czech Republic
www.helgilibrary.com

© 2023, Helgi Library LTD. ALL RIGHTS RESERVED. All information contained herein is protected by Copyright Law and no such information may be copied or otherwise reproduced, in whole or in part, in any form or manner, by any Person or Company without Helgi Library's prior written consent.

DISCLAIMER

The purpose of this document is to assist the recipient in deciding whether it wishes to proceed with a further investigation of the matters referred to herein. The information in this document, which does not purport to be comprehensive, is believed in good faith to originate from reliable sources, and the views and opinions expressed herein are based on reasonable analysis of source material in the possession of the provider(s) of the document at the time of provision of the document. While the document has been prepared in good faith, no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted in relation to the adequacy, accuracy, completeness or reasonableness of the document, or any information contained within it. All and any such responsibility and liability is expressly disclaimed. In particular, but without prejudice to the generality of the foregoing, no representation, warranty, assurance or undertaking is given as to the achievement or reasonableness of any future projections, estimates, prospects or returns contained or referred to in this document. The provider(s) of this document may change any opinion expressed herein without being under any obligation to inform the recipient or to provide to them a revised version. By accepting this document, the recipient agrees to be bound by the foregoing limitations, and acknowledges that it must at all times exercise its own skill and judgment in relation to any decision by it relating to the matters contained within this document. The information, opinions and views contained herein may have been provided to other clients prior to being disseminated herein. This document shall not exclude any liability for, or remedy in respect of, fraudulent misrepresentation.