

# Austria's Passenger Cars Sales (Apr 2021)

## Sales of New Cars rose 98.7% in April 2021

Sales of new cars in Austria increased by 11.1 thousand in April compared to last year and reached 22.3 thousand. In the first four months of the year, 85.8 thousand cars have been sold, a growth of 30.2% yoy. In 1Q2021, sale of electric-chargeable vehicles reached 10.3 thousand and accounted for 16.3% of all new cars sold.

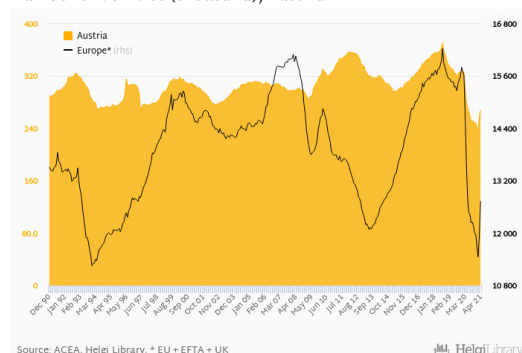
- ✓ Sales of new passenger cars in Austria reached 22.3 thousand in April 2021, according to ACEA. This is 98.7%, or 11.1 thousand more than in the previous year. In the first four months of 2021, some 85.8 thousand cars were sold, up 30.2% yoy.
- ✓ In the first quarter of 2021, sales of new electrically-chargeable passenger cars reached 10.3 thousand in Austria, up 186% yoy. Together with hybrid and other alternative fuels, sale of alternative fuel vehicles reached 32.4% of all new cars sold.
- ✓ Sales of traditionally-powered vehicles using petrol and diesel reached 42.9 thousand or 67.6% of total in the first quarter of 2021 in Austria. The share of petrol reached 41.9% and of diesel-powered vehicles 25.6% of all new passenger cars sold.
- ✓ In Europe, sales of new cars rose 256% to 1,040 thousand in April. Within the first four months of the year, the increase reached 23.1% as 4,121 thousand cars were sold.
- ✓ Volkswagen Group sold the most cars in April 2021 in Europe, some 280 thousand vehicles representing 27.0% of the European market. Sales of PSA Group amounted to 162 thousand vehicles (or 15.5% of the market) while Renault Group and Hyundai Group held 8.10% and 7.50% of the market. Overall, the five largest manufacturers sold 65.5% of all new cars in April.

### Sale of New Cars (ths.)

| Country        | Apr 21      | YoY          |
|----------------|-------------|--------------|
| Germany        | 230         | 90.0%        |
| Italy          | 145         | 3,289%       |
| UK             | 142         | 3,177%       |
| France         | 140         | 569%         |
| Spain          | 78.6        | 1,788%       |
| Poland         | 40.1        | 163%         |
| Belgium        | 37.2        | 602%         |
| Netherlands    | 23.8        | 55.1%        |
| <b>Austria</b> | <b>22.3</b> | <b>98.7%</b> |
| Switzerland    | 22.1        | 135%         |
| Sweden         | 21.9        | 15.6%        |
| Czechia        | 19.0        | 77.7%        |
| Denmark        | 15.5        | 52.2%        |
| Portugal       | 14.8        | 439%         |
| Norway         | 13.2        | 77.3%        |
| Hungary        | 10.5        | 70.5%        |
| Greece         | 10.2        | 319%         |
| Finland        | 8.84        | 47.8%        |
| Ireland        | 7.16        | 1,983%       |
| Romania        | 6.86        | 58.8%        |

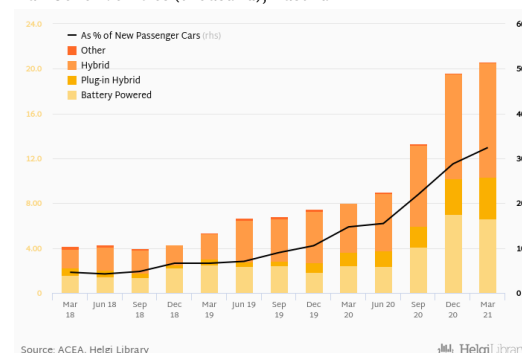
### Annual Sales of New Passenger Cars

Number of Vehicles (thousand), Austria



### Sales of Alternately-Powered Vehicles

Number of Vehicles (thousand), Austria



Data tells a story

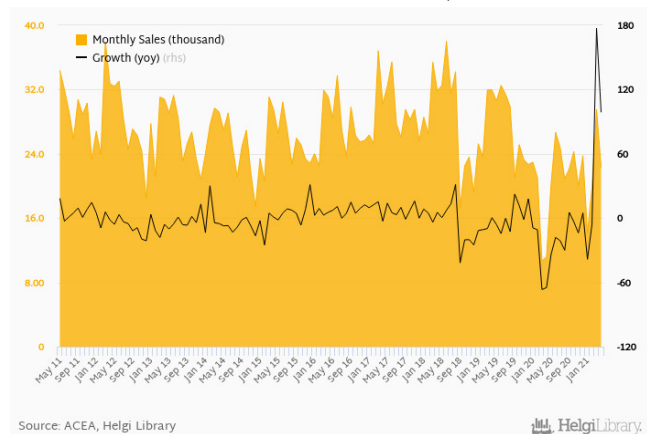
## Sales of New Cars in Austria rose 98.7% in April 2021

Sales of new passenger cars reached 22.3 thousand in April 2021 in Austria, according to ACEA. This is 98.7%, or 11.1 thousand more than in the previous year. In the first four months of 2021, some 85.8 thousand cars were sold, up 30.2% yoy.

Historically, between 1990 and 2021, sales of passenger cars in Austria reached a high of 51.3 thousand in May 1996 and a low of 7.68 thousand in December 1993.

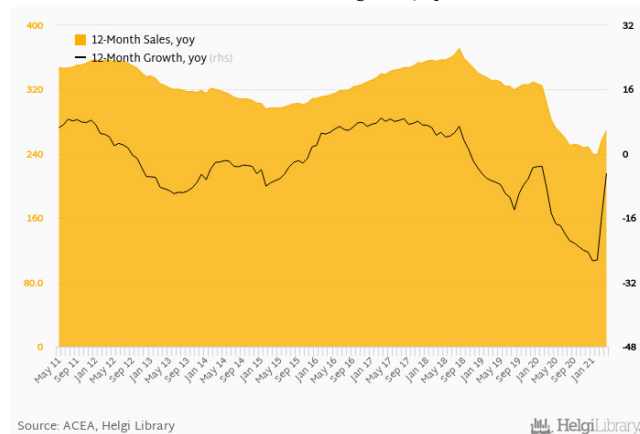
### Monthly Sales of New Passenger Cars

Number of Vehicles (thousand) and Annual Growth (%), Austria



### Annual Sales of New Passenger Cars in Austria

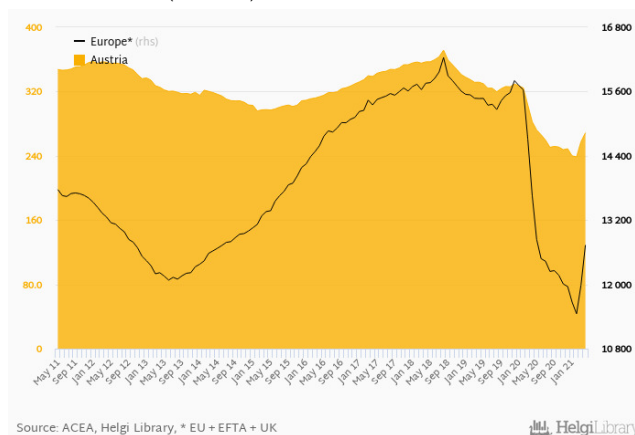
Number of Vehicles (thousand) and Annual growth, April 2021



In Europe, sales of new passenger cars reached 1,040 thousand in April 2021. This is 256%, or 748 thousand more than in the previous year. In the first four months of 2021, some 4,121 thousand cars were sold in Europe, up 23.1% yoy.

### Annualized Sales of New Cars (Austria vs. Europe)

Number of Vehicles (thousand)

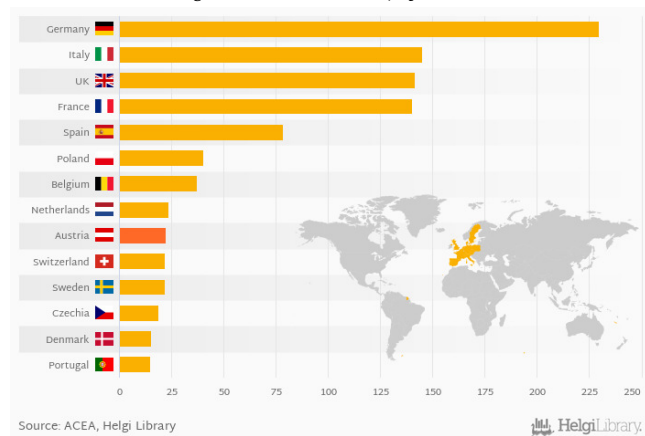


In April, most vehicles (230 thousand) were sold in Germany (up 90.0% yoy), followed by Italy (145 thousand, up 3.00%), the United Kingdom with 142 thousand cars (up 3.00%), 140 thousand new vehicles were registered in France (up 569%) and 78.6 thousand in Spain (up 1.00%).

The five largest countries accounted for 70.7% of total new vehicles registered in April 2021:

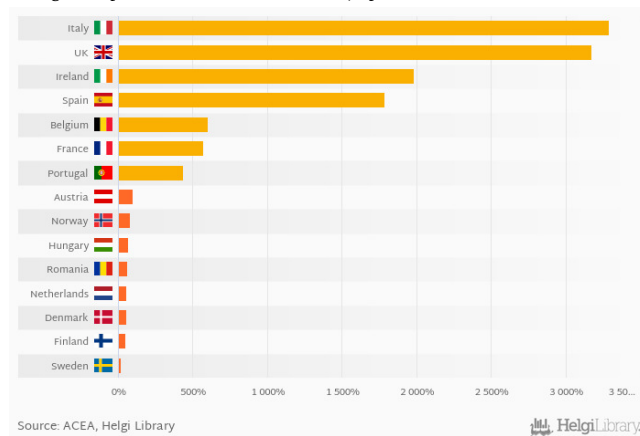
### Where Most Cars Were Sold in Europe?

Number of New Passenger Cars Sold (thousand), April 2021



### Change in Demand for New Cars in Europe

Change Compared to the Previous Year (%), April 2021

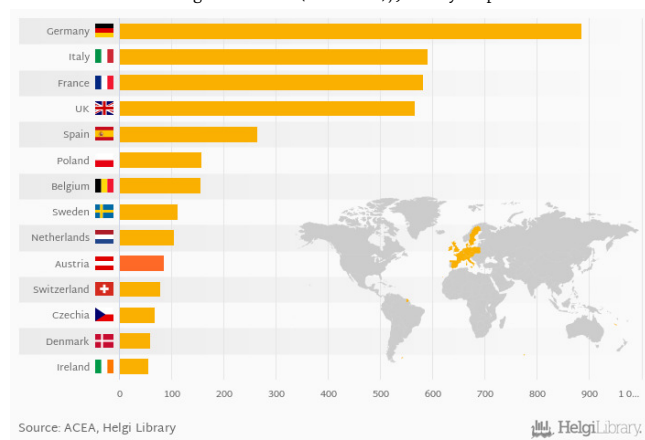


In relative terms, sales in Italy (up 3,289%) and the United Kingdom (up 3,177%) performed the best compared to a year ago, whereas registration in Sweden and Finland performed the worst (up 15.6% and up 47.8% yoy), in April 2021, according to ACEA.

In the first four months of the year, some 4,121 thousand cars were sold in Europe, up 23.1% yoy. Most cars were sold in Germany (886 thousand) followed by Italy (592 thousand) and France (582 thousand).

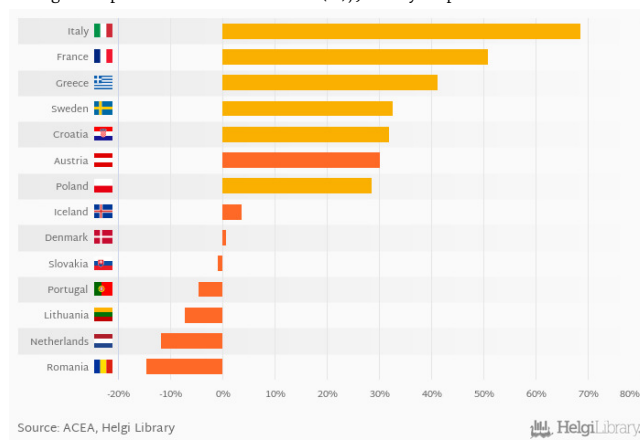
### Where Most Cars Were Sold in Europe?

Number of New Passenger Cars Sold (thousand), January - April 2021



### Change in Demand for New Cars in Europe

Change Compared to the Previous Year (%), January - April 2021





The table below shows details of the sales for each of the European countries in the last month and since the beginning of the year.

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

| COUNTRY        | April 2021 | April 2020 | YOY Change % | 1-4/2021 | 1-4/2020 | YOY Change % |
|----------------|------------|------------|--------------|----------|----------|--------------|
| Austria        | 22.3       | 11.2       | 98.7         | 85.8     | 65.9     | 30.2         |
| Belgium        | 37.2       | 5.30       | 602          | 156      | 133      | 17.9         |
| Bulgaria       | 2.40       | 0.824      | 191          | 7.98     | 6.77     | 18.0         |
| Croatia        | 4.15       | 1.08       | 285          | 14.6     | 11.1     | 31.9         |
| Cyprus         | 0.925      | 0.234      | 295          | 3.62     | 3.18     | 14.1         |
| Czech Republic | 19.0       | 10.7       | 77.7         | 68.5     | 60.9     | 12.5         |
| Denmark        | 15.5       | 10.2       | 52.2         | 59.4     | 59.1     | 0.628        |
| Estonia        | 2.40       | 0.824      | 191          | 8.12     | 6.47     | 25.5         |
| Finland        | 8.84       | 5.98       | 47.8         | 36.8     | 34.2     | 7.50         |
| France         | 140        | 21.0       | 569          | 582      | 386      | 51.0         |
| Germany        | 230        | 121        | 90.0         | 886      | 822      | 7.77         |
| Greece         | 10.2       | 2.43       | 319          | 33.6     | 23.8     | 41.2         |
| Hungary        | 10.5       | 6.17       | 70.5         | 42.7     | 38.8     | 9.98         |
| Iceland        | 0.781      | 0.372      | 110          | 2.96     | 2.85     | 3.61         |
| Ireland        | 7.16       | 0.344      | 1,983        | 55.3     | 51.6     | 7.27         |
| Italy          | 145        | 4.28       | 3,289        | 592      | 351      | 68.6         |
| Latvia         | 1.40       | 0.683      | 104          | 4.84     | 4.55     | 6.26         |
| Lithuania      | 3.61       | 1.38       | 162          | 11.2     | 12.1     | -7.26        |
| Luxembourg     | 4.33       | 1.19       | 263          | 16.8     | 13.1     | 28.1         |
| Netherlands    | 23.8       | 15.4       | 55.1         | 105      | 119      | -11.7        |
| Norway         | 13.2       | 7.43       | 77.3         | 49.5     | 39.8     | 24.4         |
| Poland         | 40.1       | 15.2       | 163          | 158      | 123      | 28.6         |
| Portugal       | 14.8       | 2.75       | 439          | 45.8     | 48.0     | -4.54        |
| Romania        | 6.86       | 4.32       | 58.8         | 27.6     | 32.3     | -14.5        |
| Slovakia       | 6.79       | 3.42       | 98.2         | 22.2     | 22.4     | -0.898       |
| Slovenia       | 4.28       | 1.85       | 132          | 20.6     | 16.2     | 27.3         |
| Spain          | 78.6       | 4.16       | 1,788        | 265      | 223      | 18.8         |
| Sweden         | 21.9       | 18.9       | 15.6         | 113      | 85.1     | 32.5         |
| Switzerland    | 22.1       | 9.38       | 135          | 78.6     | 64.8     | 21.2         |
| United Kingdom | 142        | 4.32       | 3,177        | 567      | 488      | 16.2         |
| EU + EFTA      | 1,040      | 292        | 256          | 4,121    | 3,347    | 23.1         |

Source: ACEA, Helgi Library

## Sales by Power

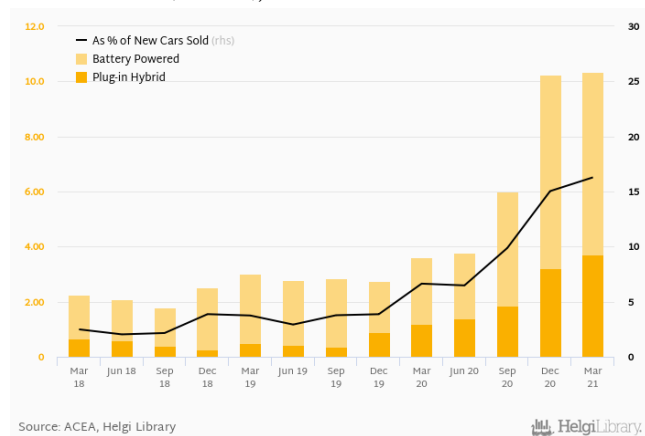
### Electric Chargeable Cars

Sales of new electrically-chargeable passenger cars (battery electric and plug-in hybrid electric vehicles) reached 10.3 thousand in the 1Q2021 in Austria, according to ACEA. This is 186%, or 6.72 thousand more than in the previous year.

Share of electric chargeable vehicles increased to 16.3% of all new passenger cars sold in 1Q2021, up from 6.64% seen in the first quarter of 2020. In Europe, the share was 15.9%, up from 8.10% a year ago:

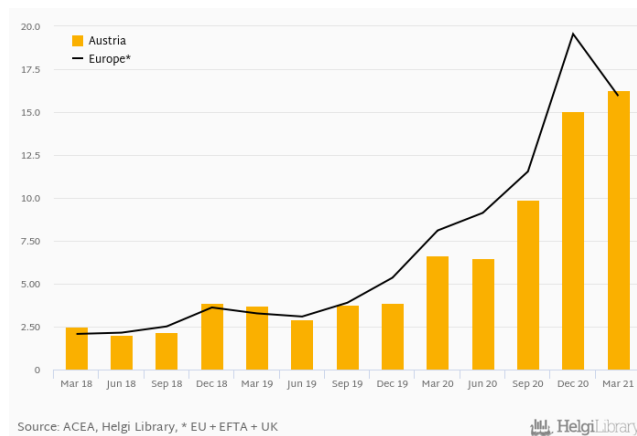
#### Sales of Electric Chargeable Vehicles

Number of Vehicles (thousand), Austria



#### Share of Electric Vehicles vs. Europe

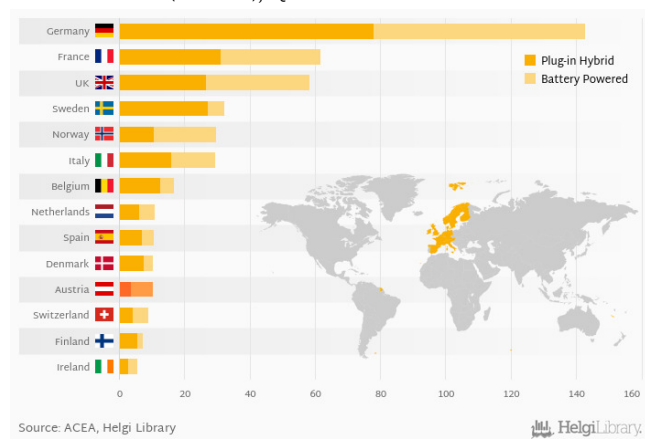
As % of New Cars Sold



In Europe, most electric vehicles (143 thousand) were sold in Germany (up 172% yoy) in the first quarter of 2021, followed by France (61.7 thousand, up 74.4%), the United Kingdom with 58.4 thousand 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%). Consumers in Norway preferred the electric cars the most (82.0% of new cars sold) followed by Iceland (51.6%) and Sweden (35.6%):

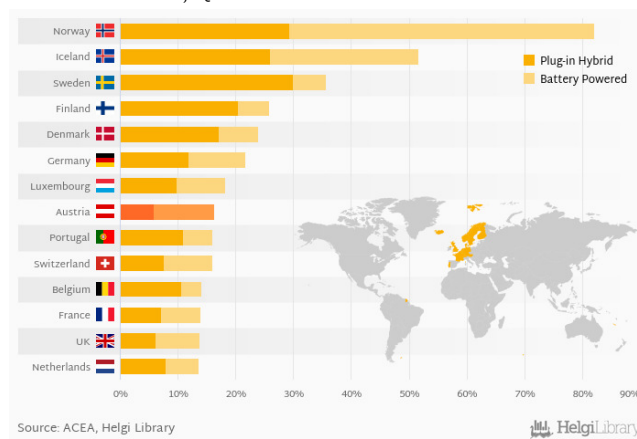
#### Sales of Electric Chargeable Vehicles in Europe

Number of Vehicles (thousand), 1Q2021



#### Share of Electric Chargeable Vehicles in Europe

As % of New Cars Sold, 1Q2021



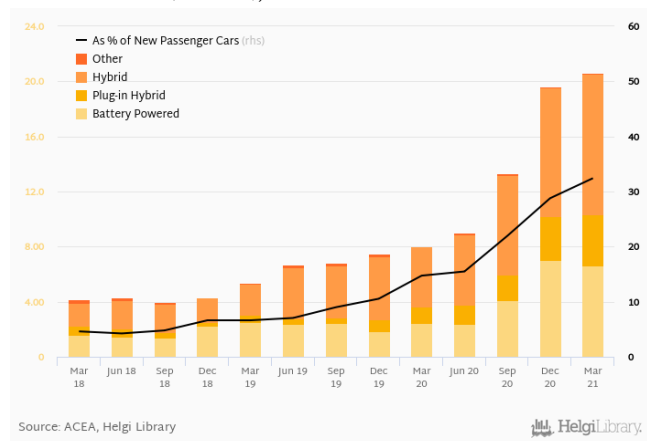
## Hybrid Electric and Other Alternately-Powered Cars

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 in Austria (other than using diesel or petrol) amounted to 20.6 thousand vehicles in the first quarter of 2021. This is 156%, or 12.6 thousand more than in the previous year.

Share of such alternately-powered vehicles increased to 32.4% of all new passenger cars sold in 1Q2021, up from 14.7% seen in the first quarter of 2020. In Europe, the share was 36.8%, up from 19.2% a year ago:

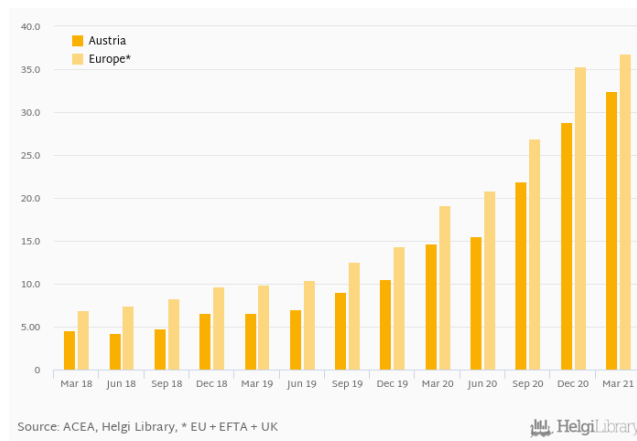
### Sales of Alternately-Powered Vehicles

Number of Vehicles (thousand), Austria



### Sales of Alternately-Powered Vehicles vs. Europe

As % Of New Cars Sold



## Petrol and Diesel-Powered Cars

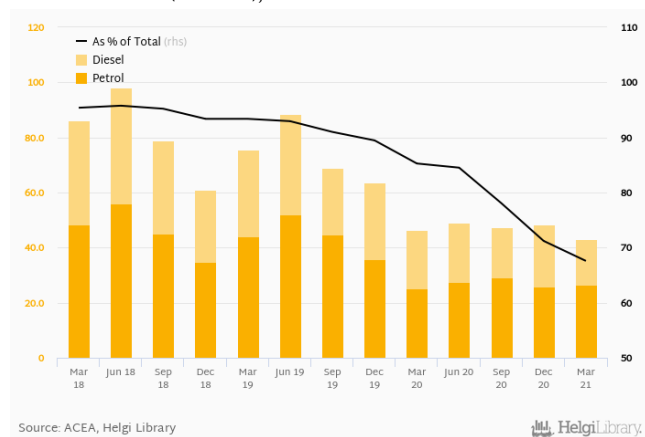
Sales of traditionally-powered vehicles using petrol and diesel reached 42.9 thousand in the first quarter of 2021 in Austria, according to ACEA. This is 7.76%, or 3.61 thousand vehicles fewer than in the previous year.

Some 26.6 thousand petrol-powered vehicles were sold, up 5.61% when compared to a year ago. The share decreased to 41.9% of all new passenger cars sold in 1Q2021, down from 46.2% seen in the first quarter of 2021. Share of diesel-powered cars fell to 25.6% (from 39.1% in 1Q2021) with 16.3 thousand cars sold in the first quarter of 2021.

As a result, share of traditionally-powered cars amounted to 67.6% of all new passenger cars sold in 1Q2021, down from 85.3% seen in the first quarter of 2020. In Europe, the share was 63.2%, down from 80.8% a year ago:

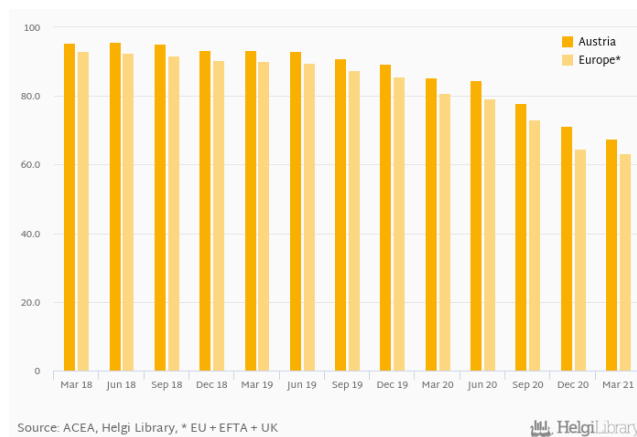
### Sales of Traditionally-Powered Vehicles

Number of Vehicles (thousand), Austria



### Sales of Traditionally-Powered Vehicles vs. Europe

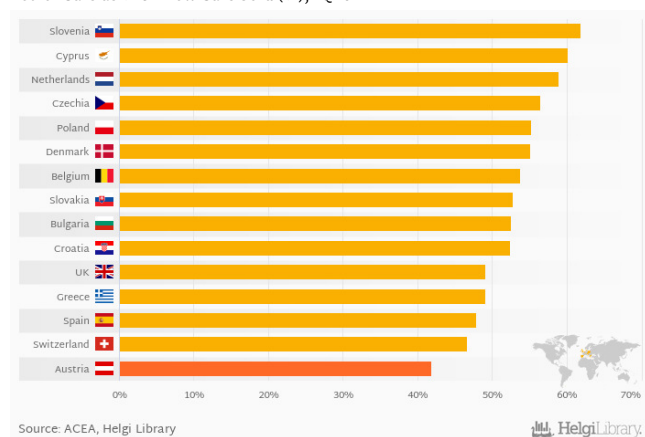
As % of New Cars Sold



In the first quarter of 2021, Slovenia ranked the highest in the number of petrol-fuelled as a proportion of new cars sold with 61.9% followed by Cyprus and Netherlands. In terms of diesel-fuelled vehicles, Ireland ranked the highest with 36.6% followed by Bulgaria and Slovenia:

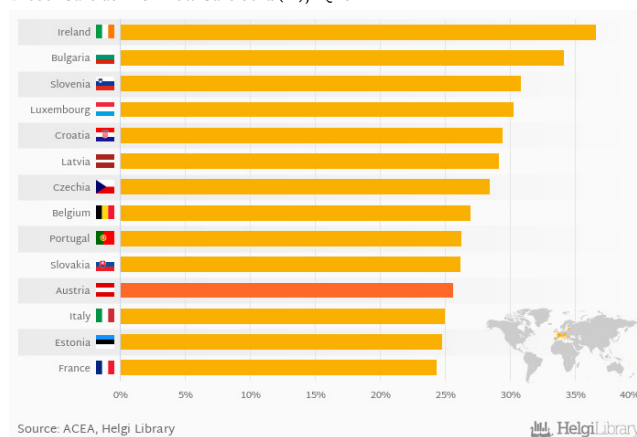
### Who likes the Petrol-Fuelled Cars the Most?

Petrol Cars as % Of New Cars Sold (%), 1Q2021



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

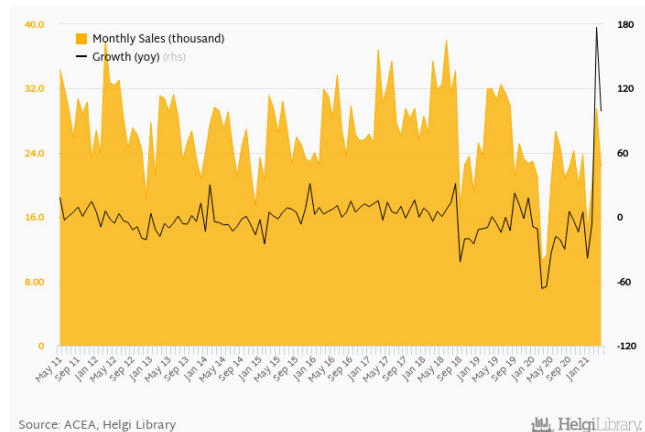
Diesel Cars as % Of New Cars Sold (%), 1Q2021



## Sales of New Cars in Austria

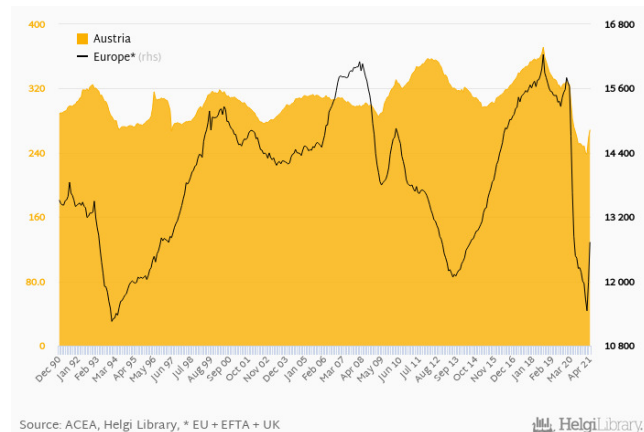
### Monthly Sales of New Passenger Cars

Number of Vehicles (thousand) and Annual Growth (%), Austria



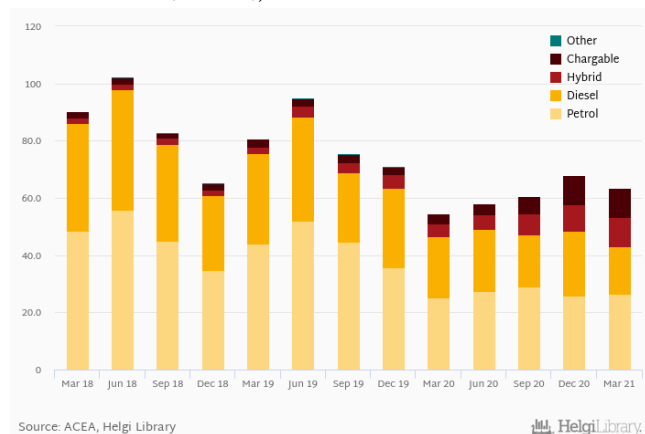
### Annual Sales of New Passenger Cars

Number of Vehicles (thousand), Austria



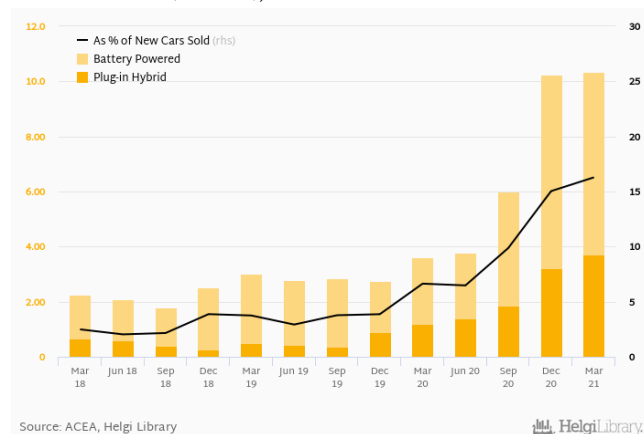
### Sales of Vehicles by Power

Number of Vehicles (thousand), Austria



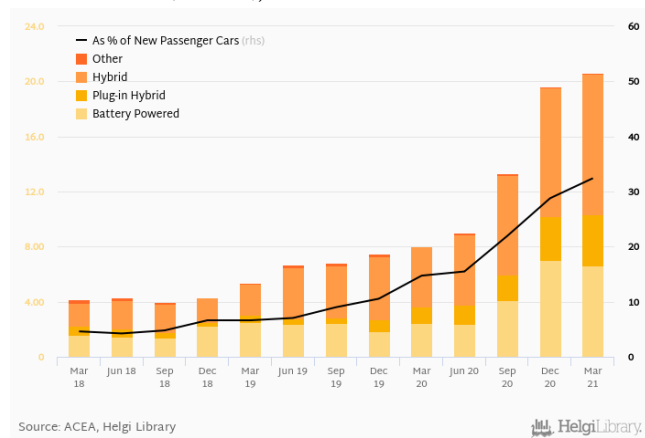
### Sales of Electric Chargeable Vehicles

Number of Vehicles (thousand), Austria



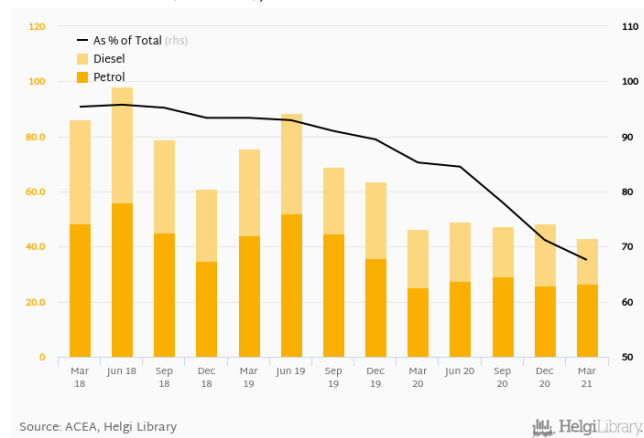
### Sales of Alternately-Powered Vehicles

Number of Vehicles (thousand), Austria



### Sales of Traditionally-Powered Vehicles

Number of Vehicles (thousand), Austria

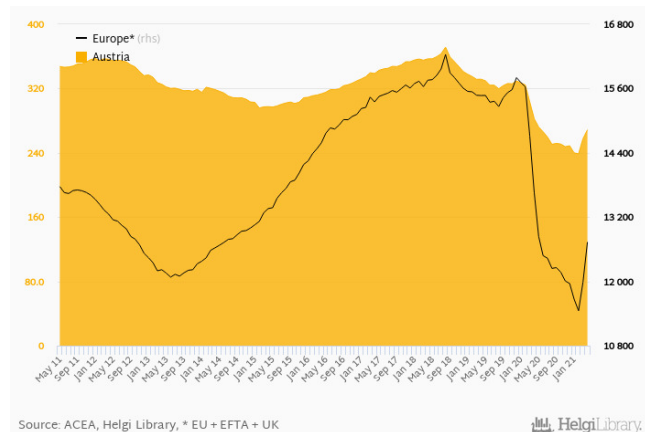




## Quarterly Sales of New Cars in Austria vs. Europe

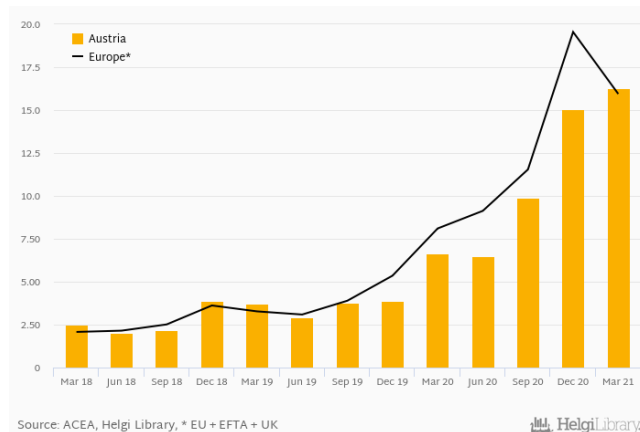
### Annualized Sales of New Cars (Austria vs. Europe)

Number of Vehicles (thousand)



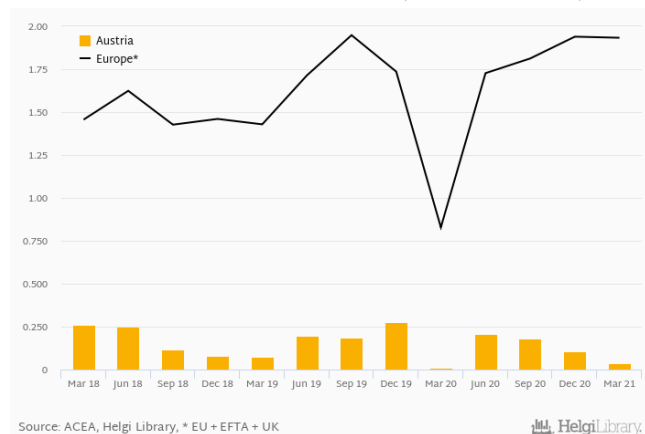
### Sales of Chargeable Electric Vehicles

As % of New Cars Sold



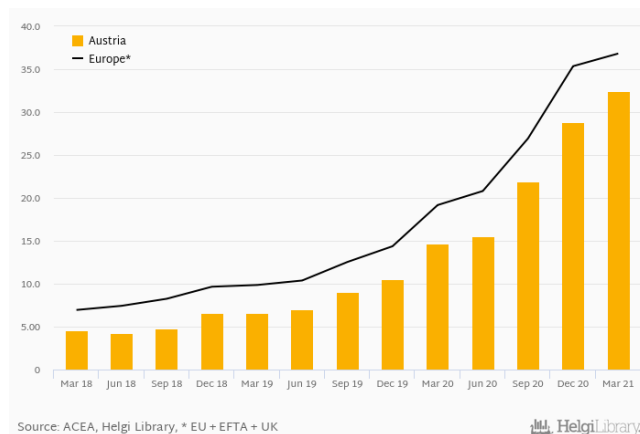
### Sales of Alternately-Powered Vehicles

Alternative Powered Vehicles Other than Electric (as % of New Cars Sold)



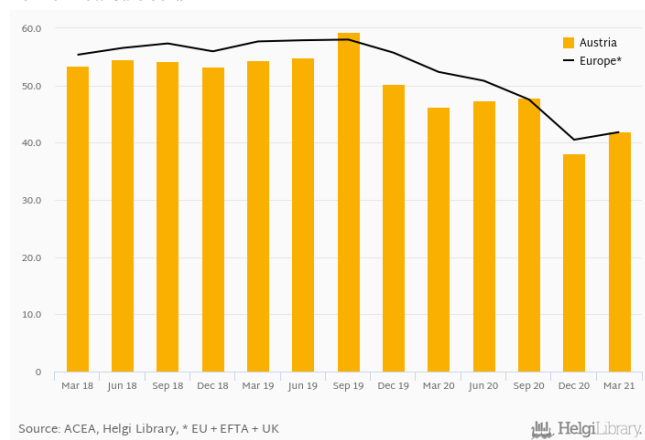
### Sales of All Alternately Powered Vehicles

As % of New Cars Sold



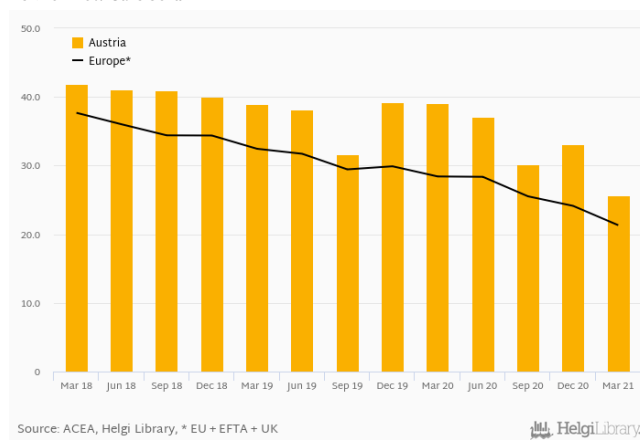
### Sales of Petrol-Powered Vehicles

As % of New Cars Sold



### Sales of Diesel-Powered Vehicles

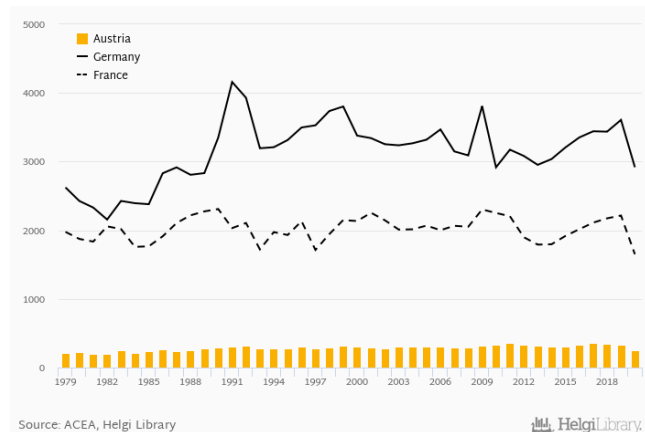
As % of New Cars Sold



## Annual Sales of New Cars in Austria vs. Europe

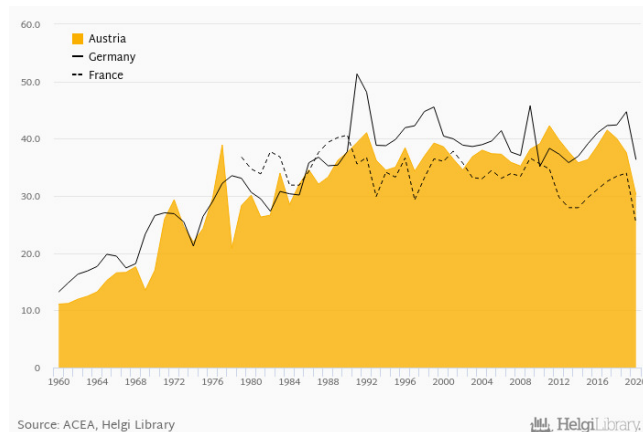
### Sales of New Cars

Number of Vehicles (thousand)



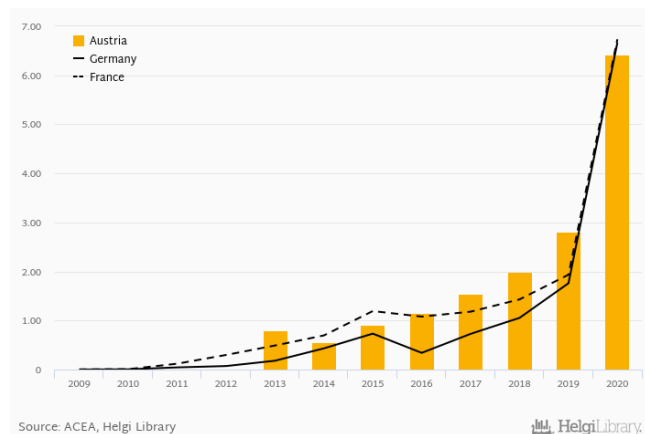
### Sales of Cars per 1,000 People

Number of Vehicles



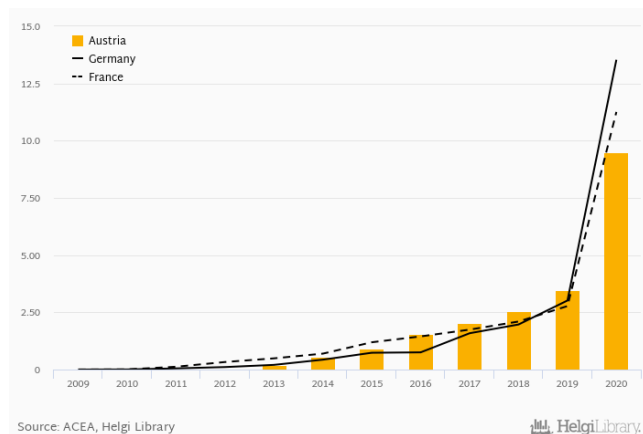
### Battery Electric Vehicles

As % of New Cars Sold



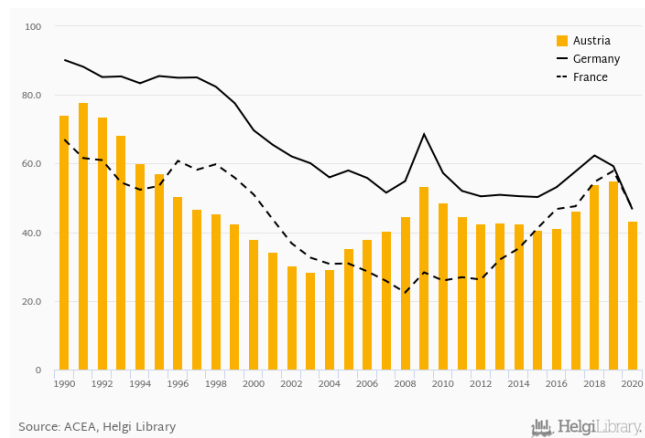
### Total Chargeable Electric Vehicles

As % of New Cars Sold



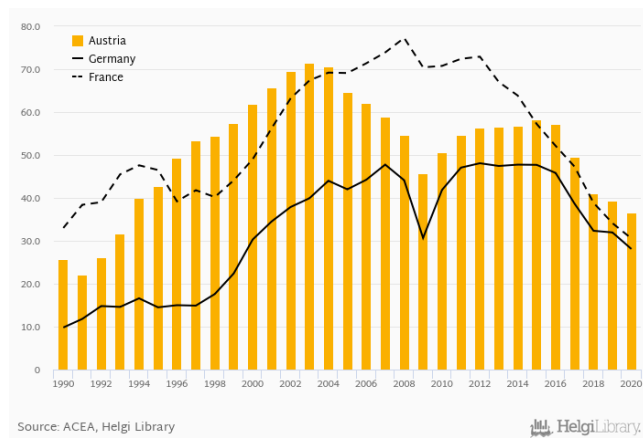
### Petrol-Fuelled Cars

As % of New Cars Sold



### Diesel-Fuelled Cars

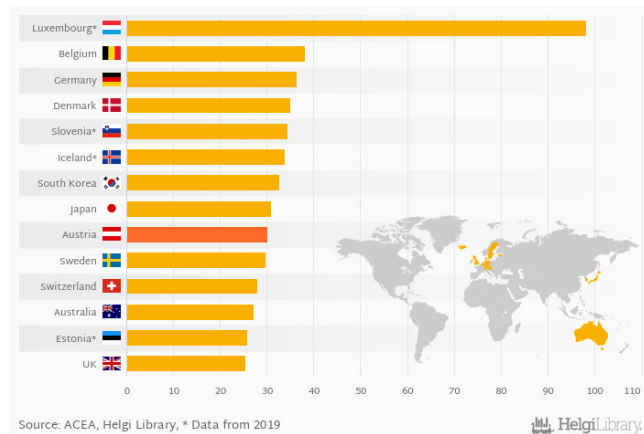
As % of New Cars Sold



## Austria in the International Comparison

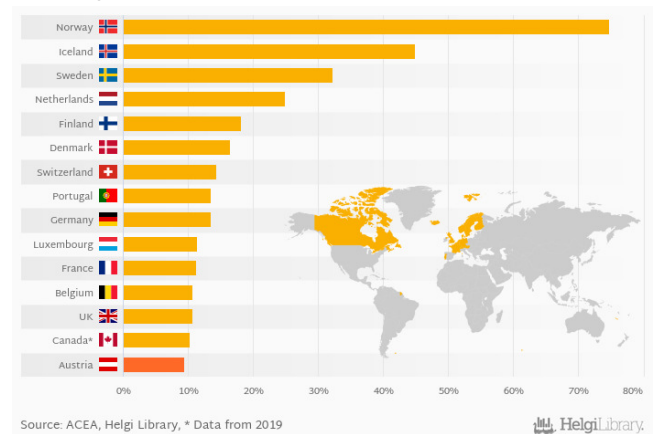
### Who Buys Cars Most Often?

Sales Of Cars Per 1,000 People, 2020



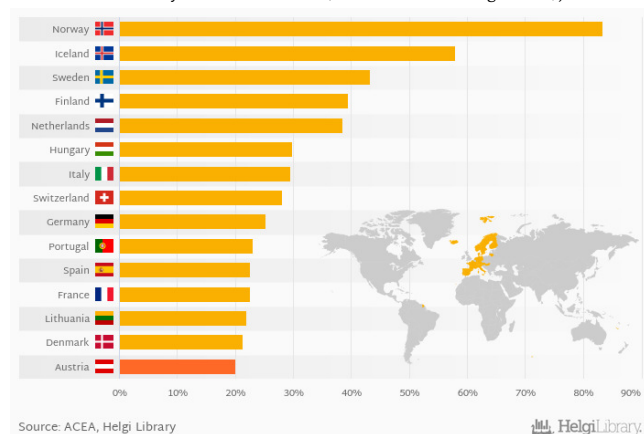
### Who Buys Electric Cars Most Often?

Total Chargeable Electric Vehicles (As % of New Cars Sold), 2020



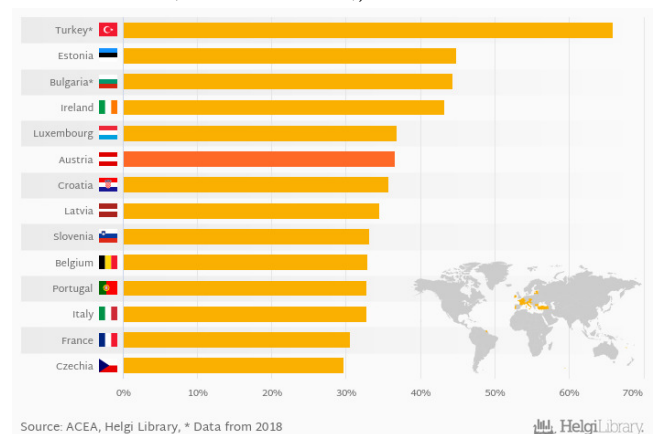
### Who Buys Alternative Cars Most Often?

Sales of Alternately Powered Vehicles (As % of New Passenger Cars), 2020



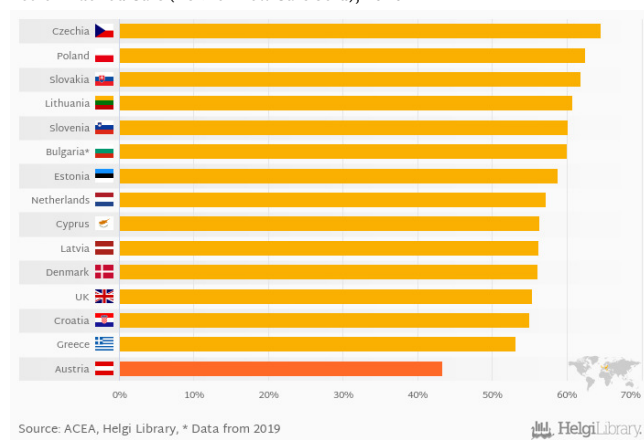
### Who likes the Diesel-Fuelled Cars the Most?

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



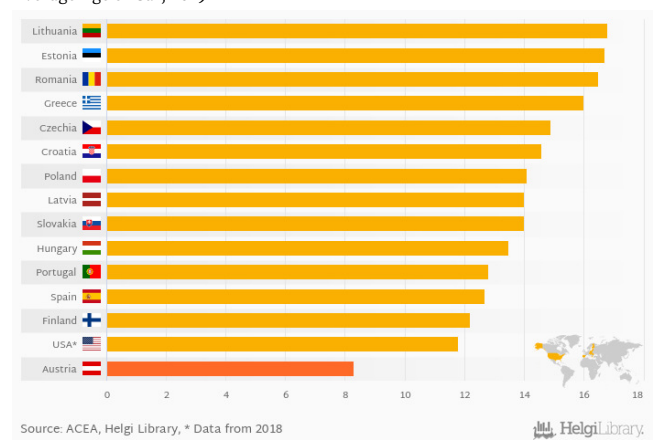
### Who Buys Petrol Cars Most Often?

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



### Who Drives the Oldest Cars?

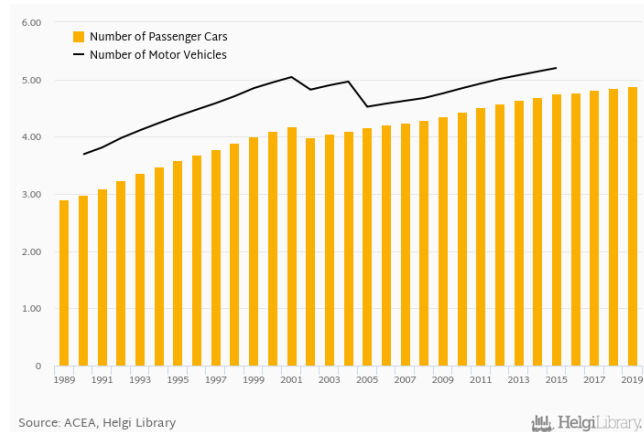
Average Age of Car, 2019



## Vehicles, Infrastructure & Accidents in Austria

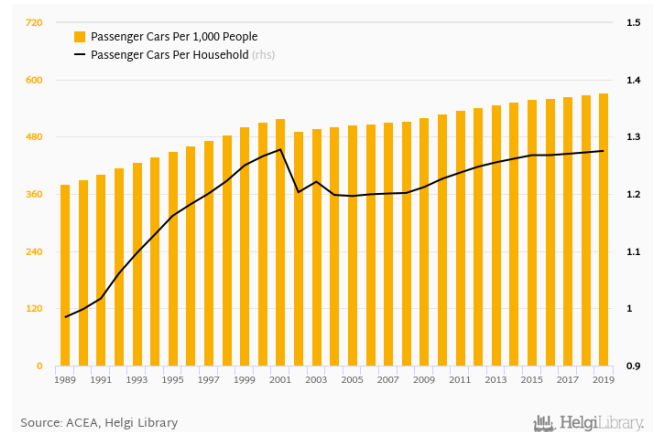
### Stock of Motor Vehicles & Cars

Number of Vehicles (mil)



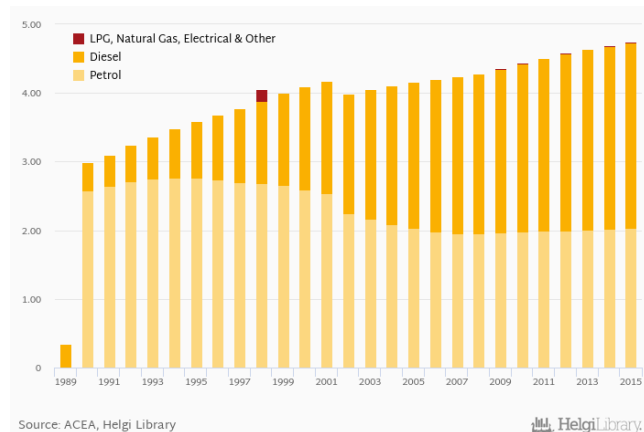
### Stock of Passenger Cars

Number of Vehicles



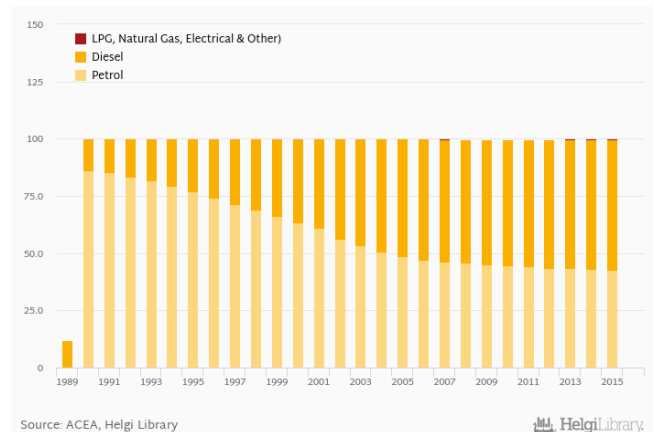
### Absolute Stock of Passenger Cars

Number of Vehicles (mil)



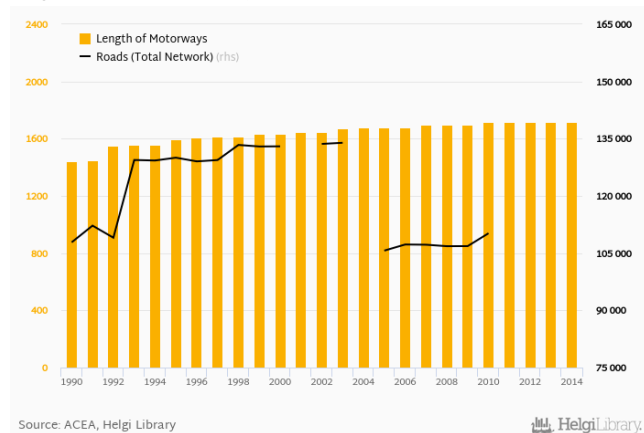
### Relative Stock of Passenger Cars

As % of Total Cars



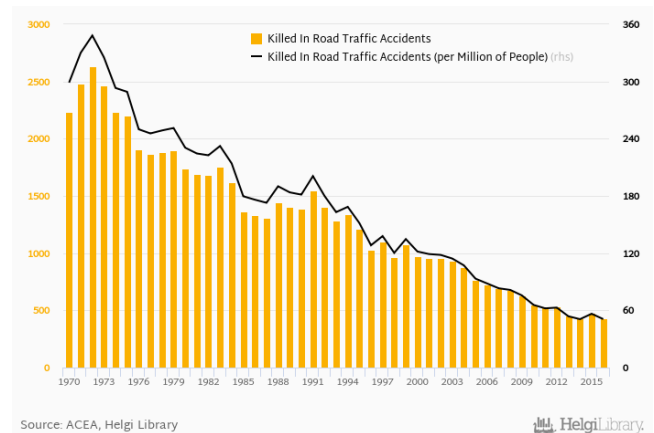
### Road Infrastructure

Length of Roads and Motorways (km)



### Road Safety

Number of Deaths





## Sale of Vehicles – Annually

| SALE OF VEHICLES                                |          | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  |
|---|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| Sales Of New Passenger Cars                     | thousand | 319   | 303   | 309   | 330   | 353   | 341   | 329   | 249   |
| Sales Of Cars Per 1,000 People                  | vehicles | 37.7  | 35.8  | 36.3  | 38.8  | 41.5  | 40.0  | 37.6  | 30.2  |
| Sales Of New Cars (As of World's Sales)         | %        | 0.503 | 0.462 | 0.465 | 0.474 | 0.500 | 0.497 | 0.503 | 0.481 |
| Sales of Battery Electric Vehicles              | thousand | 2.57  | 1.72  | 2.79  | 3.83  | 5.43  | 6.76  | 9.26  | 16.0  |
| Sales of Plug-in Hybrid Electric Vehicles       | thousand | ...   | ...   | ...   | 1.24  | 1.72  | 1.89  | 2.16  | 7.63  |
| Sales of Total Chargeable Electric Vehicles     | thousand | 0.654 | 1.72  | 2.79  | 5.07  | 7.15  | 8.65  | 11.4  | 23.6  |
| Sales of Alt. Fuel Vehicles Other than Electric | thousand | ...   | 0.703 | 0.790 | 0.486 | 0.435 | 0.642 | 0.580 | 0.407 |
| Sales of Petrol-Fuelled Cars                    | thousand | 137   | 129   | 126   | 136   | 164   | 184   | 177   | 108   |
| Sales of Diesel-Fuelled Cars                    | thousand | 181   | 172   | 180   | 189   | 175   | 140   | 126   | 90.9  |
| Battery Electric Vehicles (As of New Cars Sold) | %        | 0.806 | 0.566 | 0.903 | 1.16  | 1.54  | 1.98  | 2.81  | 6.43  |
| Plug-in Hybrid Electric (As of New Cars Sold)   | %        | ...   | ...   | ...   | 0.375 | 0.487 | ...   | ...   | ...   |
| Chargeable Electric (As of New Cars Sold)       | %        | 0.205 | 0.566 | 0.903 | 1.54  | 2.02  | 2.54  | 3.47  | 9.50  |
| Petrol-Fuelled Cars (As of New Cars Sold)       | %        | 42.8  | 42.4  | 40.7  | 41.3  | 46.3  | 54.0  | 55.2  | 43.3  |
| Diesel-Fuelled Cars (As of New Cars Sold)       | %        | 56.7  | 56.8  | 58.3  | 57.3  | 49.7  | 41.1  | 39.4  | 36.5  |

Source: Company Data, Helgi Analytics

## Sale of Vehicles – Quarterly

| SALE OF VEHICLES                                |          | Jun 19 | Sep 19 | Dec 19 | Mar 20 | Jun 20 | Sep 20 | Dec 20 | Mar 21 |
|---|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| Sales Of New Passenger Cars                     | thousand | 95.1   | 75.6   | 71.1   | 54.6   | 58.1   | 60.7   | 68.1   | 63.5   |
| Sales of Battery Electric Vehicles              | thousand | 2.37   | 2.48   | 1.86   | 2.43   | 2.38   | 4.14   | 7.03   | 6.62   |
| Sales of Plug-in Hybrid Electric Vehicles       | thousand | 0.415  | 0.366  | 0.883  | 1.19   | 1.39   | 1.85   | 3.21   | 3.72   |
| Sales of Total Chargeable Electric Vehicles     | thousand | 2.78   | 2.85   | 2.75   | 3.62   | 3.76   | 5.99   | 10.2   | 10.3   |
| Sales of Alt. Fuel Vehicles Other than Electric | thousand | 0.185  | 0.139  | 0.195  | 0.005  | 0.122  | 0.111  | 0.072  | 0.025  |
| Sales of Petrol-Fuelled Cars                    | thousand | 52.1   | 44.8   | 35.7   | 25.2   | 27.5   | 29.0   | 26.0   | 26.6   |
| Sales of Diesel-Fuelled Cars                    | thousand | 36.2   | 23.9   | 27.9   | 21.3   | 21.6   | 18.3   | 22.5   | 16.3   |
| Battery Electric Vehicles (As of New Cars Sold) | %        | 2.49   | 3.29   | 2.62   | 4.46   | 4.09   | 6.82   | 10.3   | 10.4   |
| Plug-in Hybrid Electric (As of New Cars Sold)   | %        | 0.437  | 0.484  | 1.24   | 2.18   | 2.39   | 3.06   | 4.72   | 5.86   |
| Chargeable Electric (As of New Cars Sold)       | %        | 2.93   | 3.77   | 3.86   | 6.64   | 6.48   | 9.87   | 15.0   | 16.3   |
| Alt. Fuel Other than Electric (As of Cars Sold) | %        | 0.195  | 0.184  | 0.274  | 0.009  | 0.210  | 0.183  | 0.106  | 0.039  |
| Petrol-Fuelled Cars (As of New Cars Sold)       | %        | 54.8   | 59.3   | 50.3   | 46.2   | 47.4   | 47.9   | 38.1   | 41.9   |
| Diesel-Fuelled Cars (As of New Cars Sold)       | %        | 38.1   | 31.7   | 39.2   | 39.1   | 37.1   | 30.2   | 33.1   | 25.6   |

Source: Company Data, Helgi Analytics



## Stock of Vehicles

| STOCK OF VEHICLES                             |          | 2013  | 2014  | 2015  | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|----------|-------|-------|-------|------|------|------|------|------|
| Number of Motor Vehicles                      | mil      | 5.08  | 5.14  | 5.20  | ...  | ...  | ...  | ...  | ...  |
| Number of Passenger Cars                      | mil      | 4.64  | 4.69  | 4.75  | 4.78 | 4.81 | 4.85 | 4.88 | ...  |
| Number of Passenger Cars (Petrol Engine)      | mil      | 2.01  | 2.02  | 2.03  | ...  | ...  | ...  | ...  | ...  |
| Number of Passenger Cars (Diesel Engine)      | mil      | 2.62  | 2.66  | 2.70  | ...  | ...  | ...  | ...  | ...  |
| Passenger Cars Fuelled by Alternative Energy  | mil      | 0.006 | 0.008 | 0.010 | ...  | ...  | ...  | ...  | ...  |
| Petrol Passenger Cars (As % of Total Cars)    | %        | 43.4  | 43.1  | 42.8  | ...  | ...  | ...  | ...  | ...  |
| Diesel Passenger Cars (As % of Total Cars)    | %        | 56.5  | 56.7  | 56.9  | ...  | ...  | ...  | ...  | ...  |
| Alt. Fuel Passenger Cars (As % of Total Cars) | %        | 0.129 | 0.169 | 0.213 | ...  | ...  | ...  | ...  | ...  |
| Age of Car (Average)                          | years    | ...   | ...   | 8.90  | 9.00 | 8.60 | 8.20 | 8.30 | ...  |
| Total Commercial Vehicles                     | mil      | 0.434 | 0.445 | 0.454 | ...  | ...  | ...  | ...  | ...  |
| Number of Coaches, Buses & Trolleybuses       | vehicles | 9,579 | 9,585 | 9,679 | ...  | ...  | ...  | ...  | ...  |
| Number of Motorcycles                         | '000     | 450   | 468   | 485   | ...  | ...  | ...  | ...  | ...  |
| Number of Mopeds                              | '000     | 293   | 287   | 281   | ...  | ...  | ...  | ...  | ...  |

Source: Company Data, Helgi Analytics

## Vehicles per Population

| VEHICLES PER POPULATION         |          | 2013  | 2014  | 2015  | 2016 | 2017 | 2018 | 2019 | 2020 |
|---------------------------------|----------|-------|-------|-------|------|------|------|------|------|
| Motor Vehicles Per 1,000 People | vehicles | 600   | 606   | 613   | ...  | ...  | ...  | ...  | ...  |
| Passenger Cars Per 1,000 People | vehicles | 549   | 554   | 559   | 562  | 565  | 569  | 573  | ...  |
| Passenger Cars Per Household    | vehicles | 1.26  | 1.26  | 1.27  | 1.27 | 1.27 | 1.27 | 1.28 | ...  |
| Coaches & Buses per mil People  | vehicles | 1,132 | 1,131 | 1,140 | ...  | ...  | ...  | ...  | ...  |
| Motorcycles Per 1,000 People    | vehicles | 53.2  | 55.2  | 57.1  | ...  | ...  | ...  | ...  | ...  |
| Mopeds Per 1,000 People         | vehicles | 34.7  | 33.8  | 33.1  | ...  | ...  | ...  | ...  | ...  |

Source: Company Data, Helgi Analytics

## Production of Vehicles

| PRODUCTION OF VEHICLES                        |          | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  |
|---|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| Production of Motor Vehicles                  | thousand | 166   | 154   | 121   | 109   | 99.9  | 165   | 179   | 105   |
| Production of Passenger Cars                  | thousand | 147   | 136   | 104   | 91.3  | 81.0  | 145   | 158   | 105   |
| Production of Cars Per 1,000 People           | vehicles | 17.3  | 16.0  | 12.3  | 10.7  | 9.52  | 17.0  | 18.6  | 12.2  |
| Production of Cars (As of World's Production) | %        | 0.223 | 0.201 | 0.152 | 0.126 | 0.110 | 0.205 | 0.236 | 0.187 |
| Production of Commercial Vehicles             | thousand | 19.9  | 18.3  | 16.5  | 18.0  | 18.9  | 20.4  | 21.0  | ...   |
| Production of Light Commercial Vehicles       | thousand | ...   | ...   | ...   | ...   | ...   | ...   | 0     | 0     |
| Production of Heavy Commercial Vehicles       | thousand | 19.9  | 16.0  | 17.2  | 18.5  | 19.2  | 20.4  | 21.0  | 0     |
| Production of Buses                           | thousand | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   |

Source: Company Data, Helgi Analytics



## Safety on the Road

| SAFETY ON THE ROAD                              |         | 2013   | 2014   | 2015   | 2016   | 2017 | 2018 | 2019 | 2020 |
|---|---------|--------|--------|--------|--------|------|------|------|------|
| Killed and Injured in Road Traffic Accidents    | persons | 38,502 | 37,957 | 37,960 | 38,466 | ...  | ...  | ...  | ...  |
| Killed In Road Traffic Accidents                | persons | 455    | 430    | 479    | 432    | ...  | ...  | ...  | ...  |
| Injured in Road Traffic Accidents               | persons | 38,047 | 37,527 | 37,481 | 38,034 | ...  | ...  | ...  | ...  |
| Killed and Injured per mil People               | persons | 4,497  | 4,427  | 4,415  | 4,474  | ...  | ...  | ...  | ...  |
| Killed In Road Traffic Accidents per mil People | persons | 53.8   | 50.7   | 56.4   | 50.8   | ...  | ...  | ...  | ...  |
| Injured in Road Accidents per mil People        | persons | 4,497  | 4,427  | 4,415  | 4,474  | ...  | ...  | ...  | ...  |
| Number Injured per 100,000 Cars                 | persons | ...    | ...    | ...    | ...    | ...  | ...  | ...  | ...  |
| Number Killed per 1,000 Road Accidents          | persons | ...    | ...    | ...    | ...    | ...  | ...  | ...  | ...  |
| Number of Fatalities per 100,000 Cars           | persons | ...    | ...    | ...    | ...    | ...  | ...  | ...  | ...  |
| Road Injury Accidents                           |         | 38,502 | 37,957 | 37,960 | 38,466 | ...  | ...  | ...  | ...  |
| Road Injury Accidents per mil People            |         | ...    | ...    | ...    | ...    | ...  | ...  | ...  | ...  |

Source: Company Data, Helgi Analytics

## Road Infrastructure

| ROAD INFRASTRUCTURE                         |          | 2013    | 2014    | 2015  | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|----------|---------|---------|-------|------|------|------|------|------|
| Roads (Total Network)                       | km       | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Roads, Paved (As % of Total Roads)          | %        | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Length of Motorways                         | km       | 1,719   | 1,719   | ...   | ...  | ...  | ...  | ...  | ...  |
| Length of Other Roads                       | km       | 122,872 | 122,869 | ...   | ...  | ...  | ...  | ...  | ...  |
| Motorway Density (km per 1,000 km2 of Land) | km       | 20,859  | 20,859  | ...   | ...  | ...  | ...  | ...  | ...  |
| Road Density (km per 100 km2 of Land Area)  | km       | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Road Infrastructure Investments (As of GDP) | %        | 0.084   | 0.102   | 0.119 | ...  | ...  | ...  | ...  | ...  |
| Road Energy Consumption (As of Total)       | %        | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Road Energy Consumption (kt of Oil)         | kt       | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Road Energy Consumption Per Capita          | kg       | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |
| Vehicles (Per km of Road)                   | vehicles | ...     | ...     | ...   | ...  | ...  | ...  | ...  | ...  |

Source: Company Data, Helgi Analytics



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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.

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