

VDA

German Association
of the Automotive Industry

Automotive Industry in Focus

Figures and data
2024/2025

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Foreword



Dear readers,

The German automotive industry—especially our suppliers and industrial SMEs—is deeply rooted in our regions. For generations, we have been creating growth, prosperity, and employment, while shaping the lives of many people.

We are committed now and in the future to driving change through investments and innovations: In the next four years alone, we will invest around **€ 320 billion in research and development** and new drive systems, and a further **€ 220 billion in capital expenditures**, primarily in the **conversion of plants**.

One thing is clear: Our industry is delivering, as demonstrated by

the figures and data from 2024 and the first half of 2025, which we have presented exclusively and clearly for you in this “Automotive Industry in Focus.”

In 2024, around **4.1 million passenger cars** were produced in Germany, marking a significant increase compared to the crisis year of 2020. Around **773,000 people** currently work in the automotive industry, equating to more than **14% of all manufacturing workers**. Our industry also occupies a leading position in innovation. In the German **patent application ranking**, all of the **top 10 companies come from the automotive industry**. This demonstrates that we are making mobility climate-friendly and digital. We are com-

petitive but, unfortunately, our location is becoming less and less so.

And precisely because we are such a strong and committed industry, precisely because we want to continue investing here and exporting our successes, our message to Berlin and Brussels is clear: **Everything that creates growth must now be the focus**. Political decision-makers are now called upon to shape the political framework so that **climate neutrality becomes a business model**. Only then will the transformation become a success story that will be replicated internationally.

Now it's time to fulfill the federal government's promise to keep Germany competitive as a business

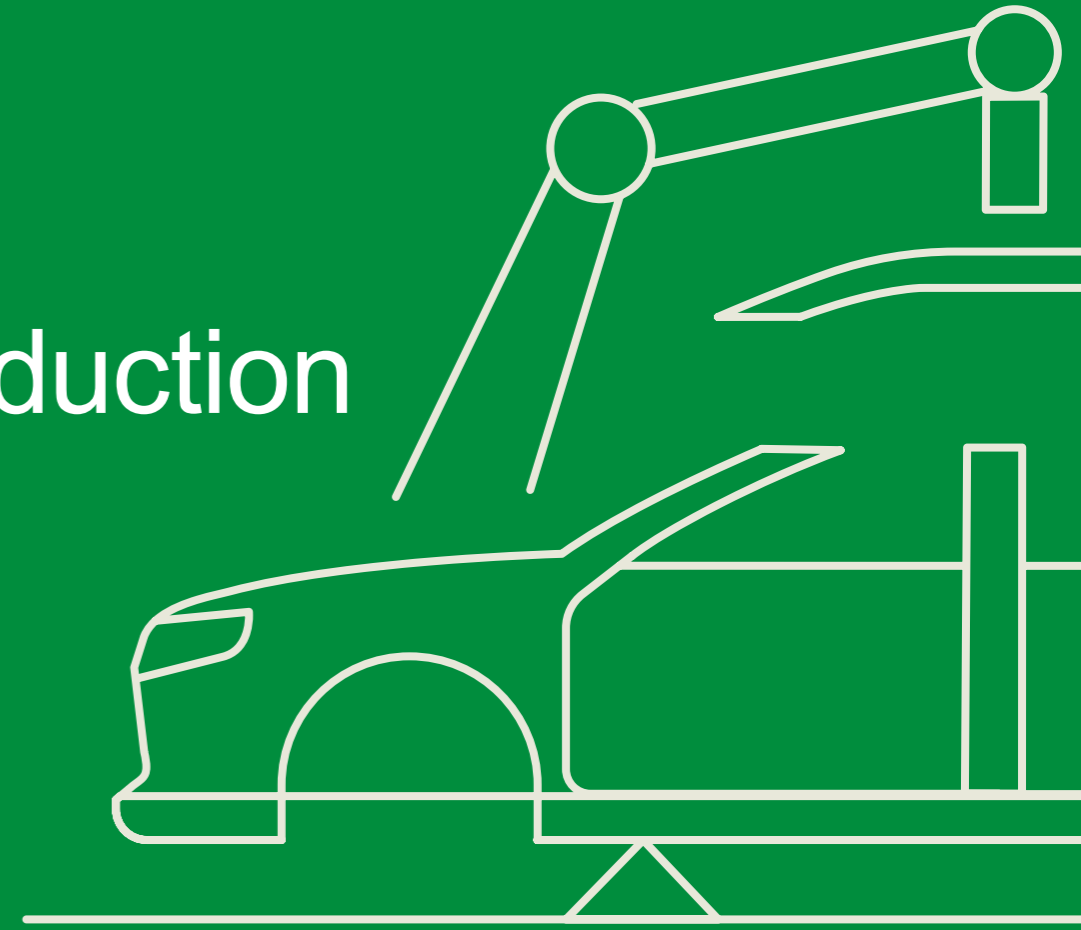
location—as stated in the coalition agreement: “We will strengthen Germany as a business location and keep it competitive.” This commitment must now be backed up with concrete measures—for the future of our economy, our regions, and our society. Only if Germany and Europe remain internationally competitive can the enormous potential of our industry continue to be realized here in the future. We are determined. We have the necessary passion and creativity. We are also unlocking infinite potential with a view to new fields such as digitalization and artificial intelligence. We want to seize this opportunity—and to do so, we now need political empowerment in Berlin and Brussels.

I wish you an interesting and inspiring read.

Sincerely,

Hildegard Müller

Production

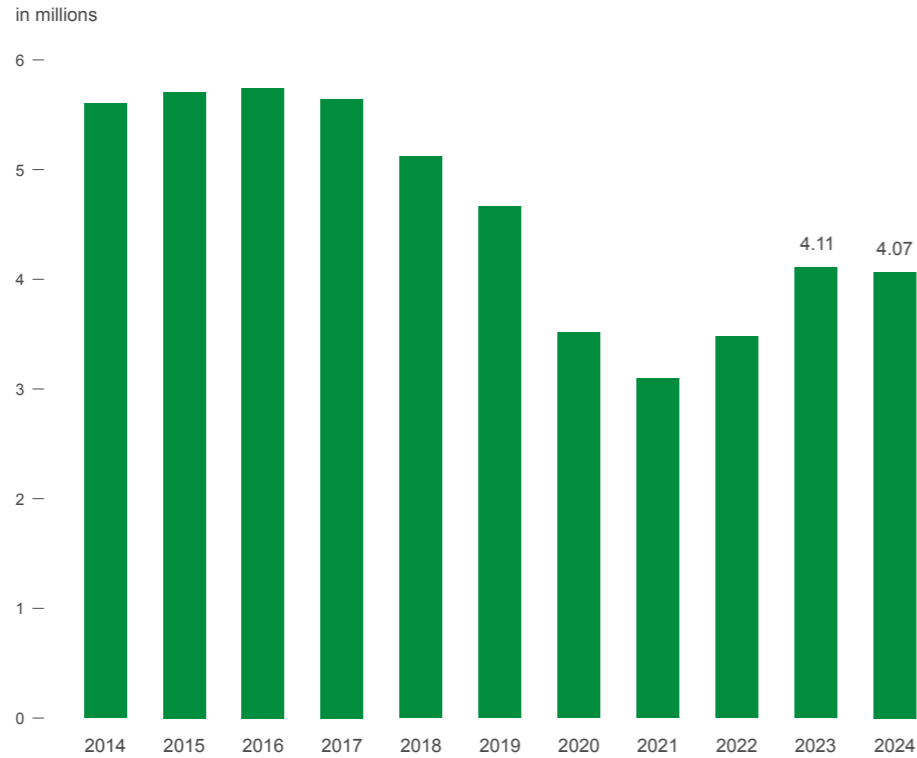


Car production in Germany:
leading in Europe



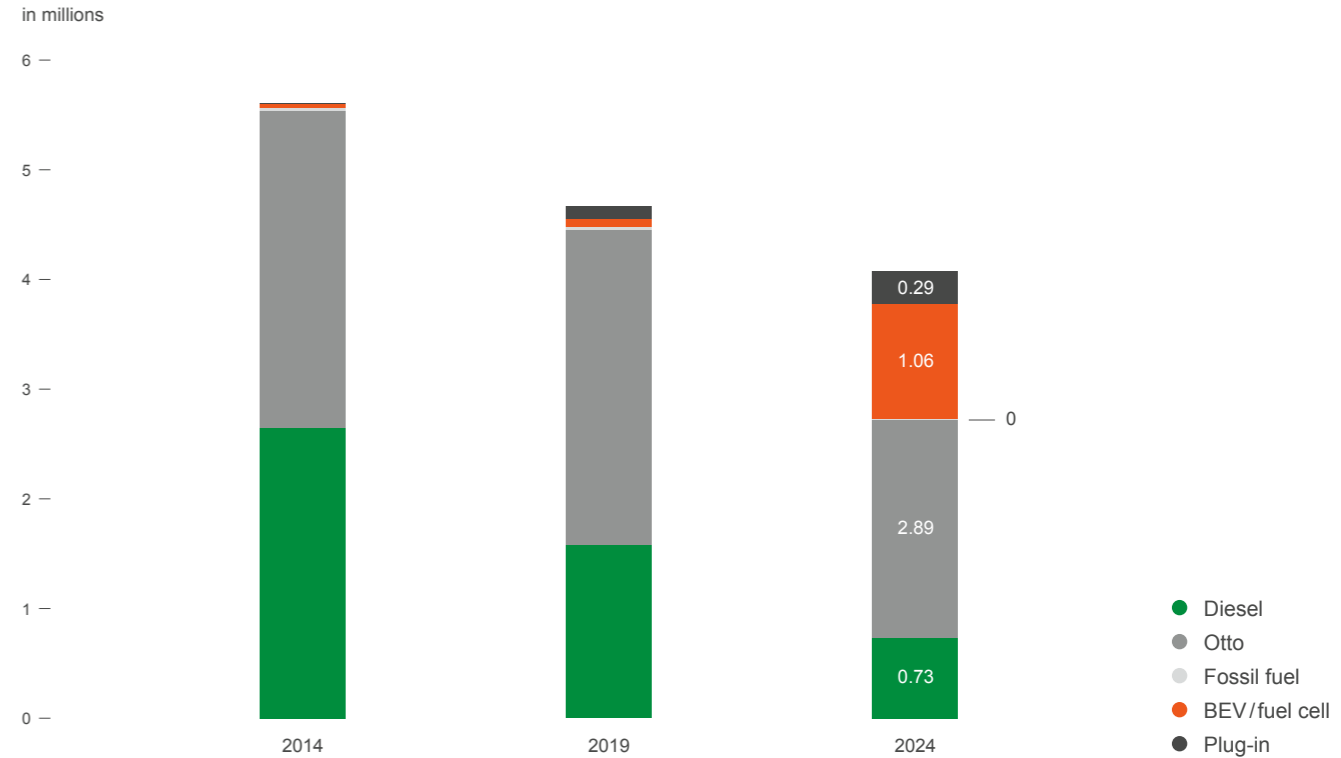
Leader in the
transformation
toward **climate-**
neutral engines

Car production in Germany



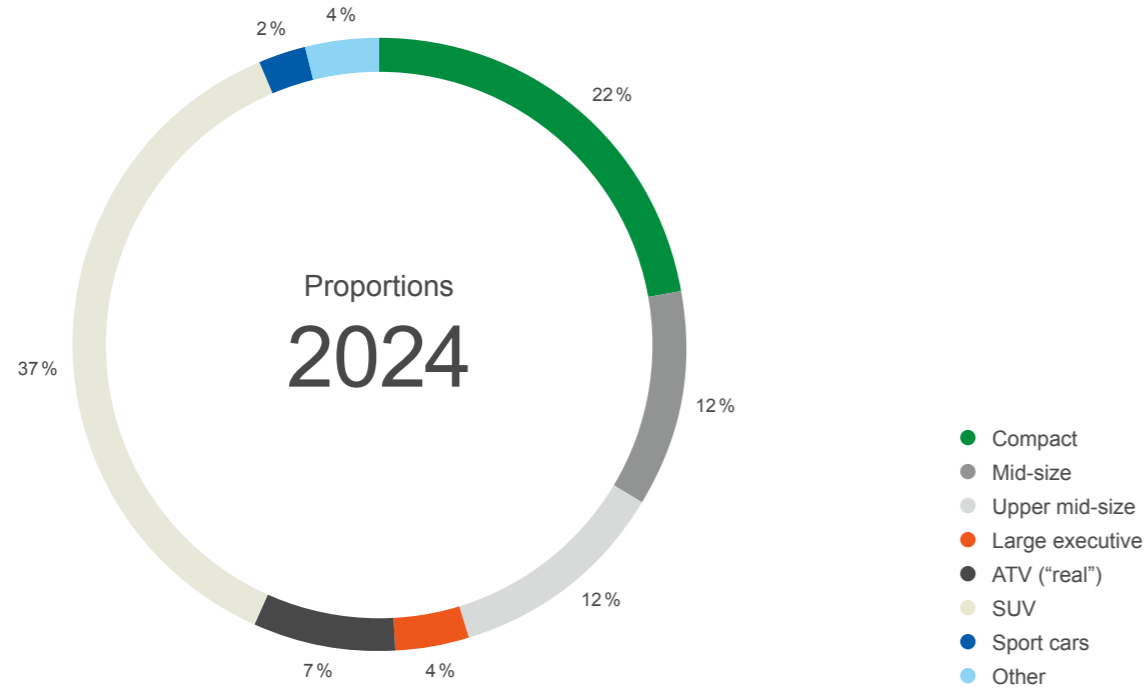
Source: VDA

Car production in Germany by engine type



Source: VDA

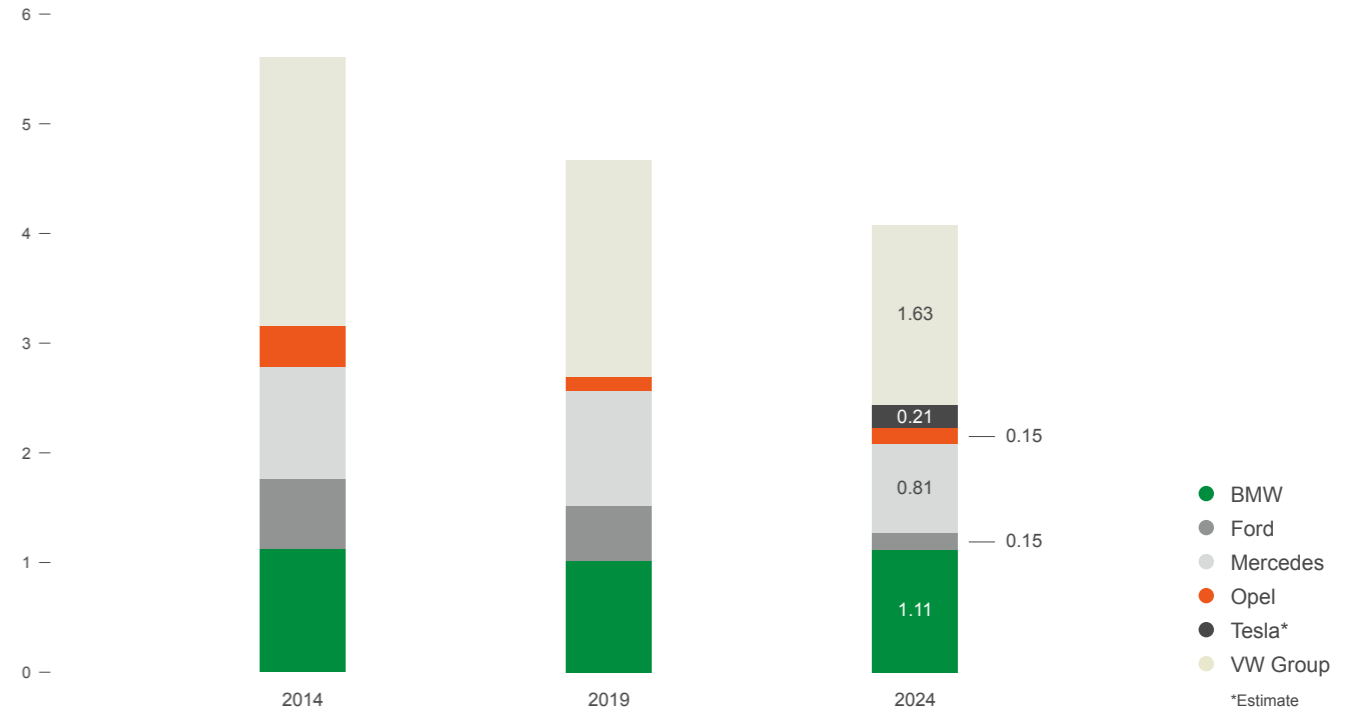
Car production in Germany by segment



Source: VDA

Car production in Germany by manufacturer

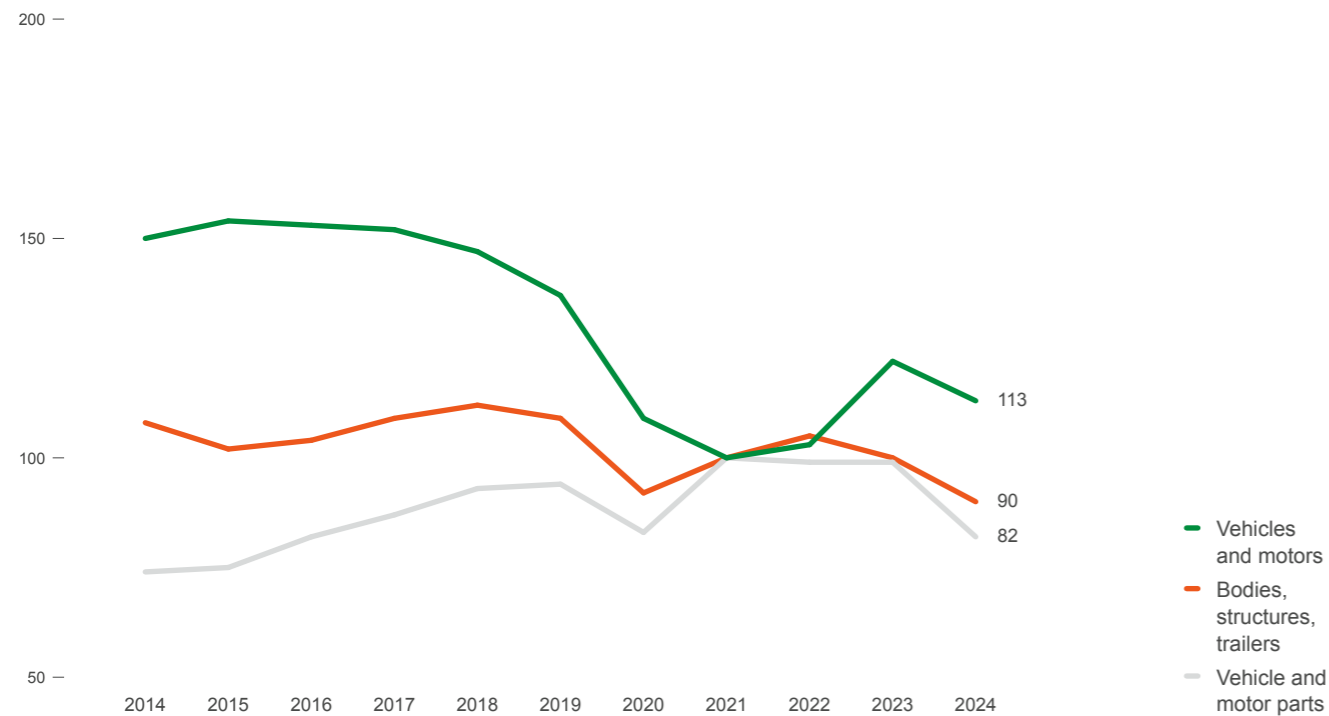
in millions



Source: VDA

Production index of the automotive industry

Index 2021



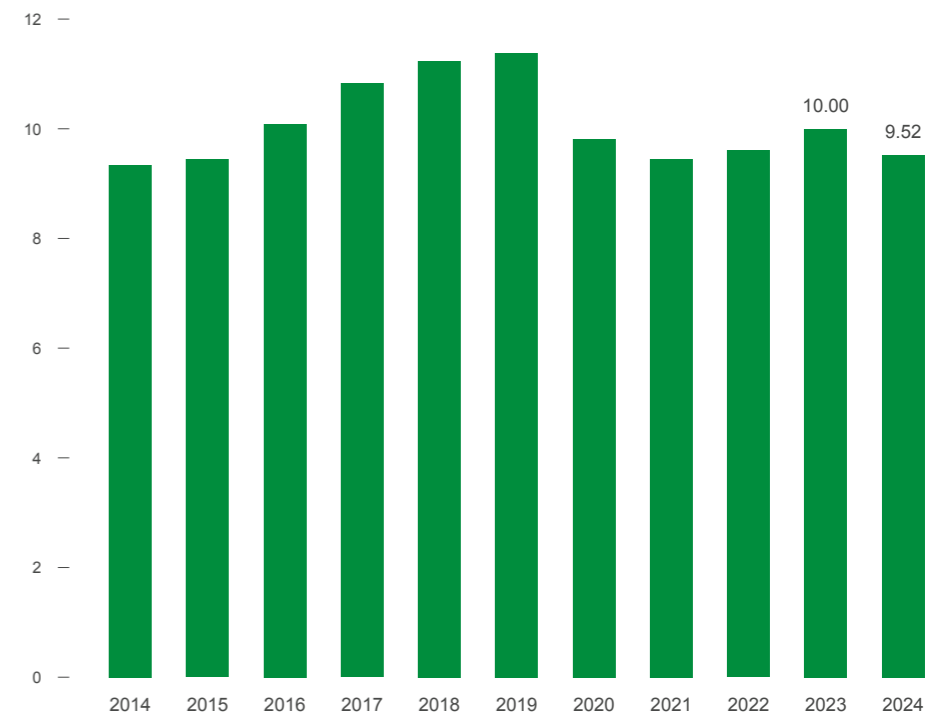
Source: Statistisches Bundesamt



**A globally
oriented industry**

International car production of German OEMs

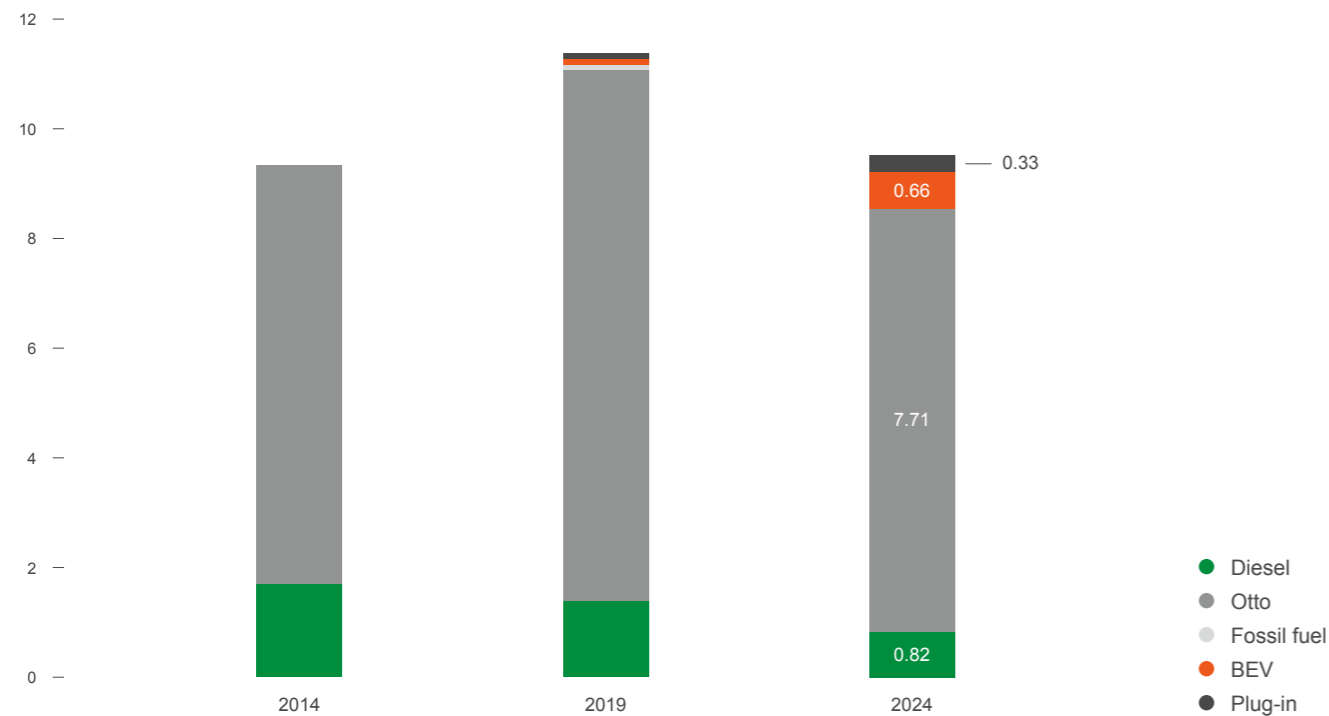
in millions



Source: VDA

International car production of German OEMs by engine type

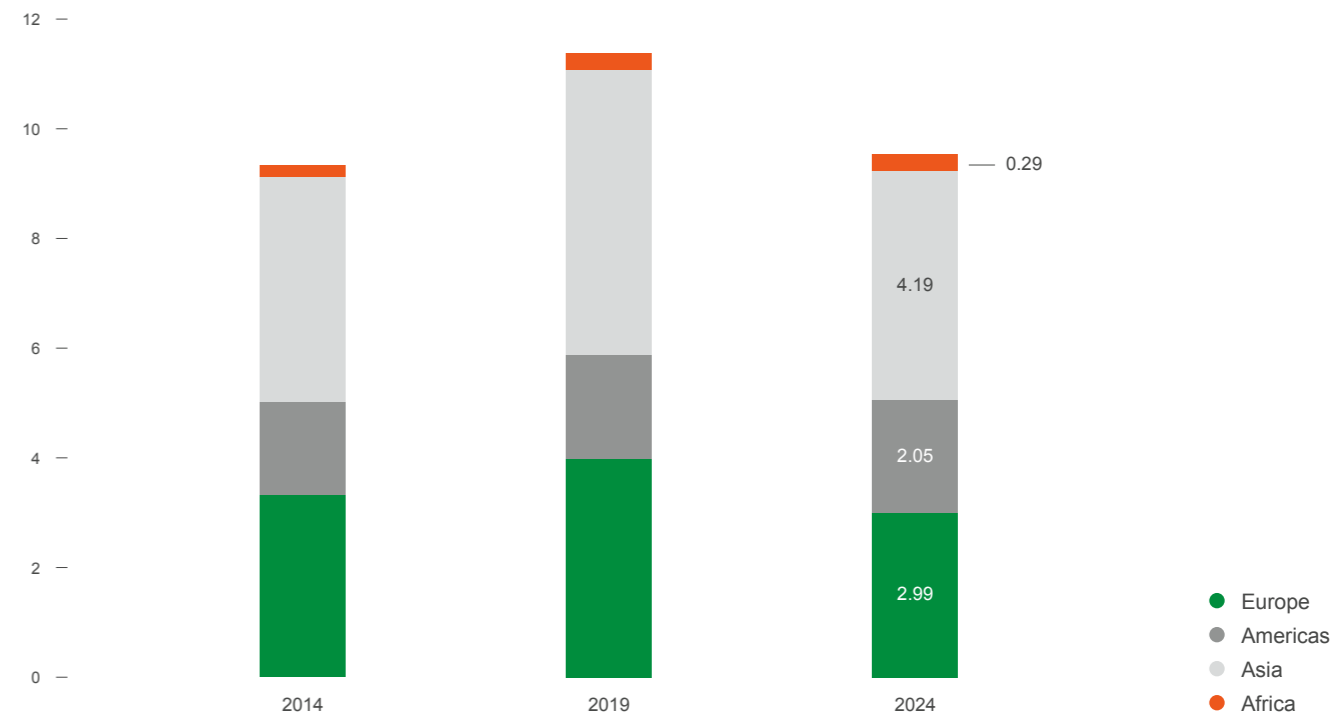
in millions



Source: VDA

International car production of German OEMs by continent

in millions



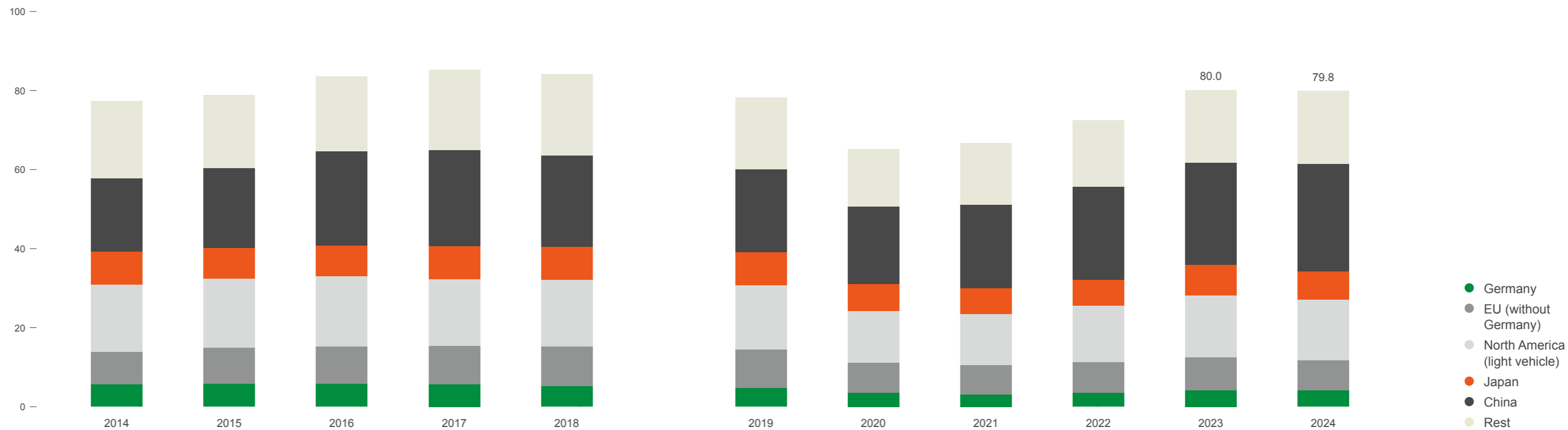
Source: VDA



Global production consolidates in 2024

Global car and light vehicle production by region

in millions



Source: VDA, other associations and institutions

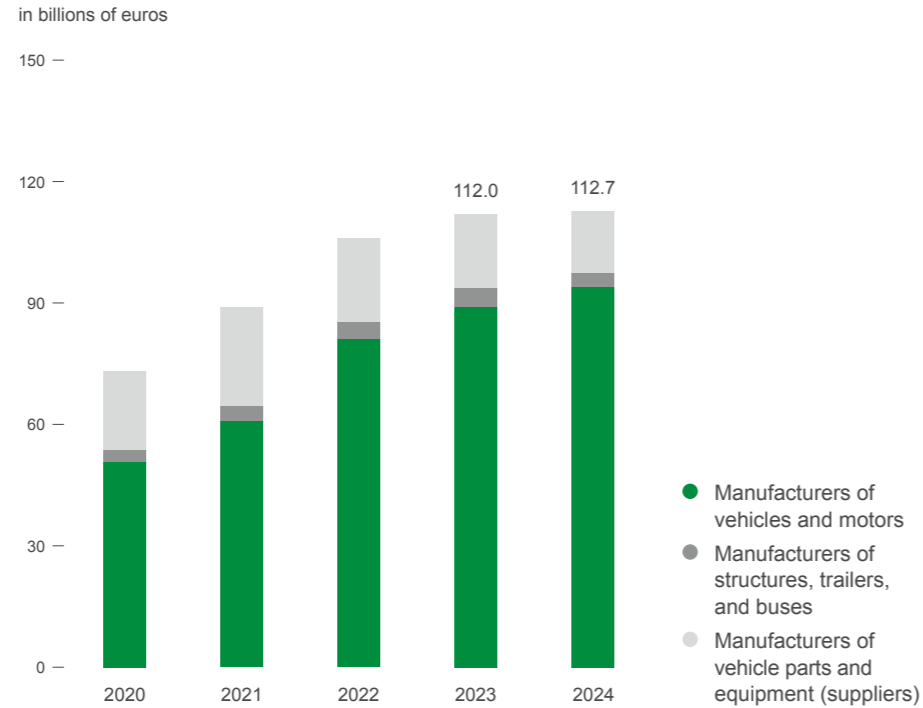
Inter- national trade





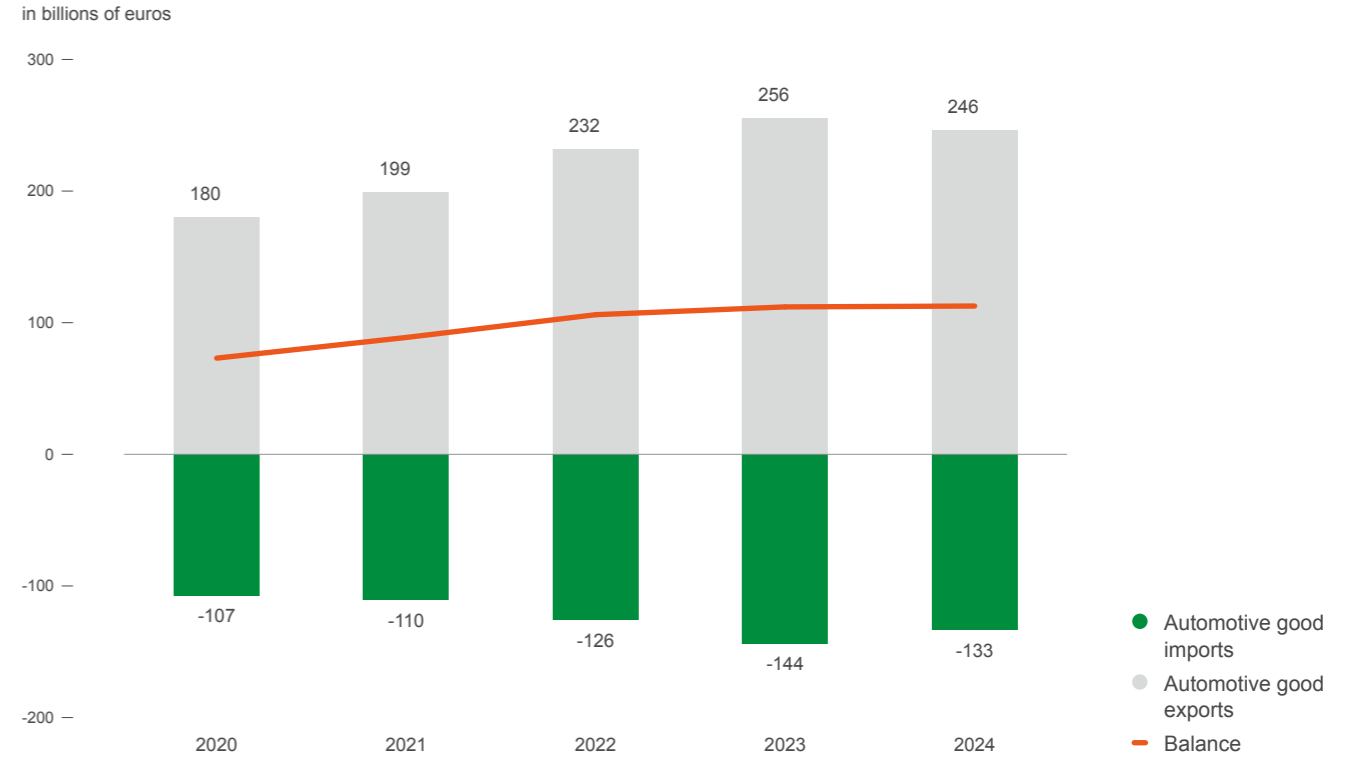
Trade surpluses—
strong **international**
networking

Trade balance with automotive goods by manufacturer group



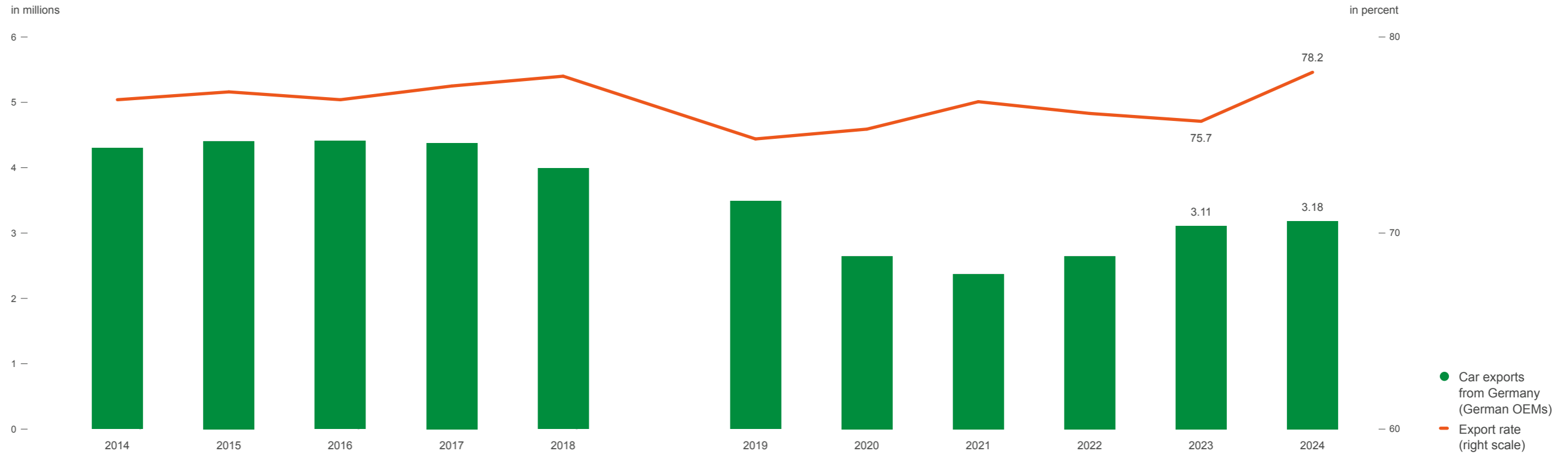
Source: Statistisches Bundesamt

Trade balance with automotive goods by manufacturer groups



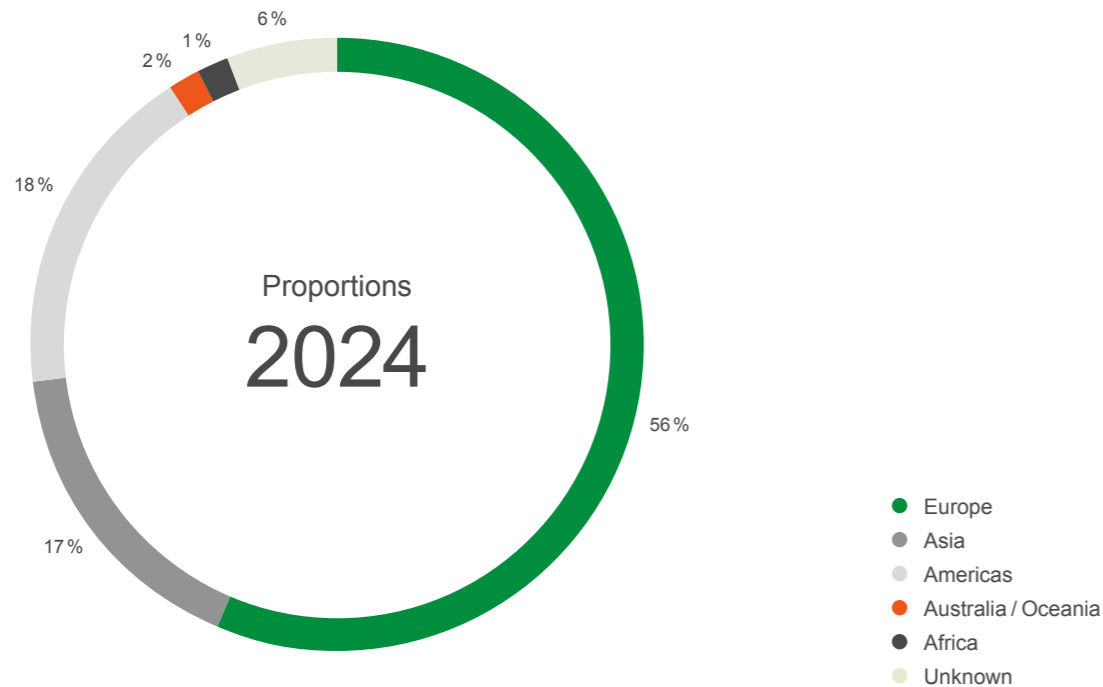
Source: Statistisches Bundesamt

Car exports from Germany (German OEMs)



German cars:
in demand
worldwide

Car exports by sales region



Source: VDA

Top 5 export destinations for German-produced cars

Country	2024	2023	Change 24/23
USA	448,075	400,148	12.0
UK	390,114	396,766	-1.7
France	202,860	190,436	6.5
Italy	194,828	186,633	4.4
China	178,705	216,299	-17.4



USA most important export destination for finished cars

Source: VDA

Workforce and profits

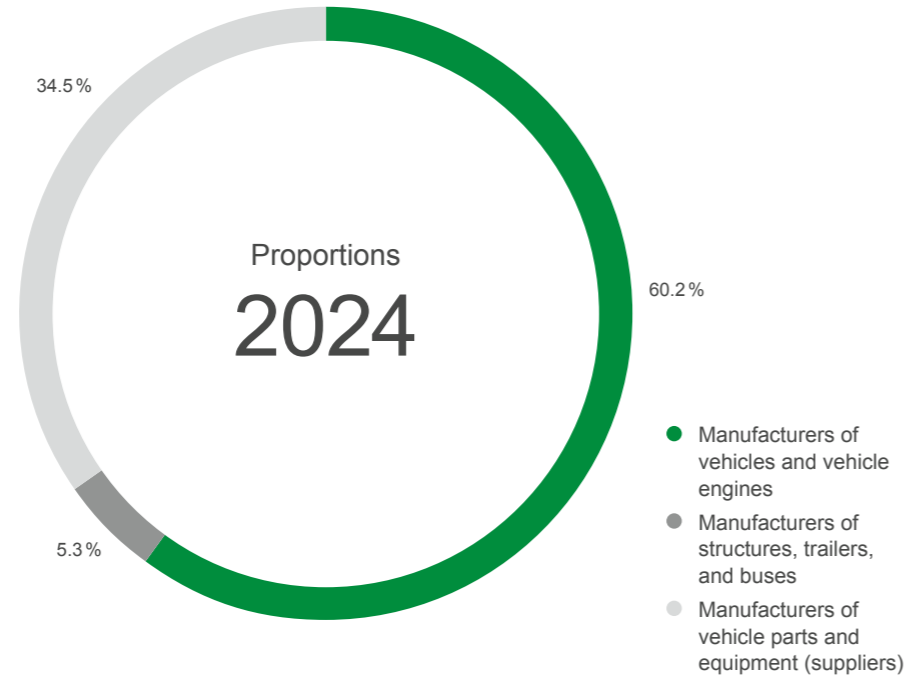


Automotive industry creates jobs and revenue
in 14 out of 16 federal states



14 percent of workers in manufacturing work directly in the automotive industry

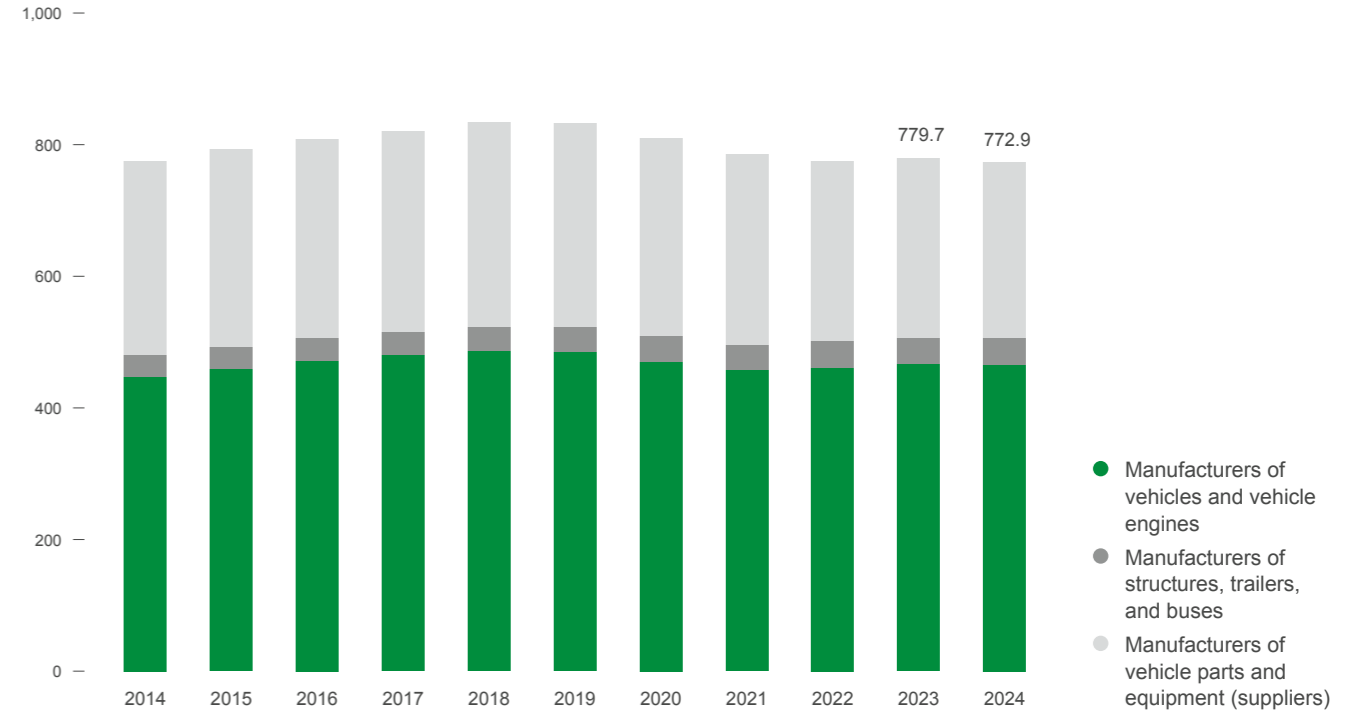
Automotive industry employment—shares by manufacturer group



Source: Statistisches Bundesamt

Automotive industry employment

in thousands

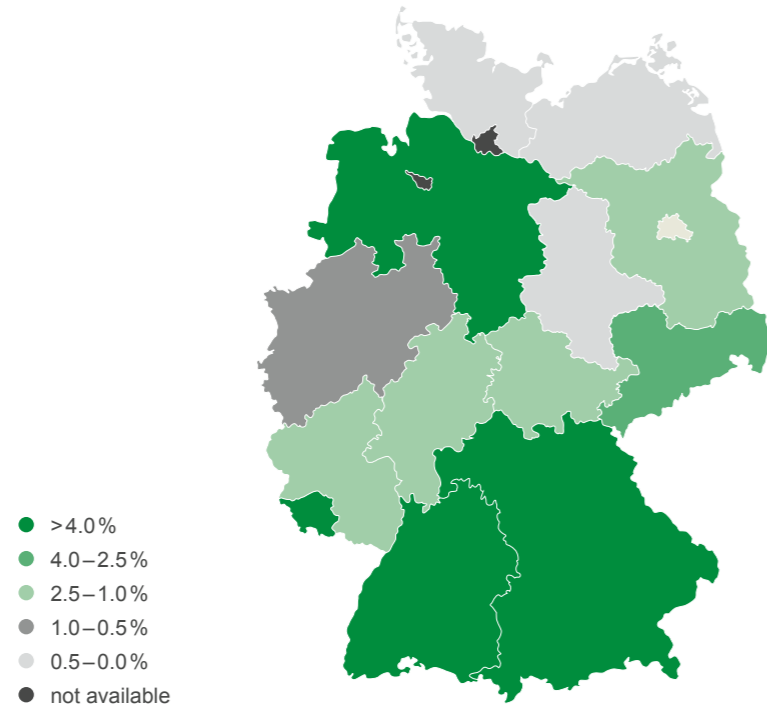


Source: Statistisches Bundesamt



The automotive industry:
a **widespread**
driver of jobs

2.5 out of 100 workers in Germany work for the automotive industry



As of: September 2024

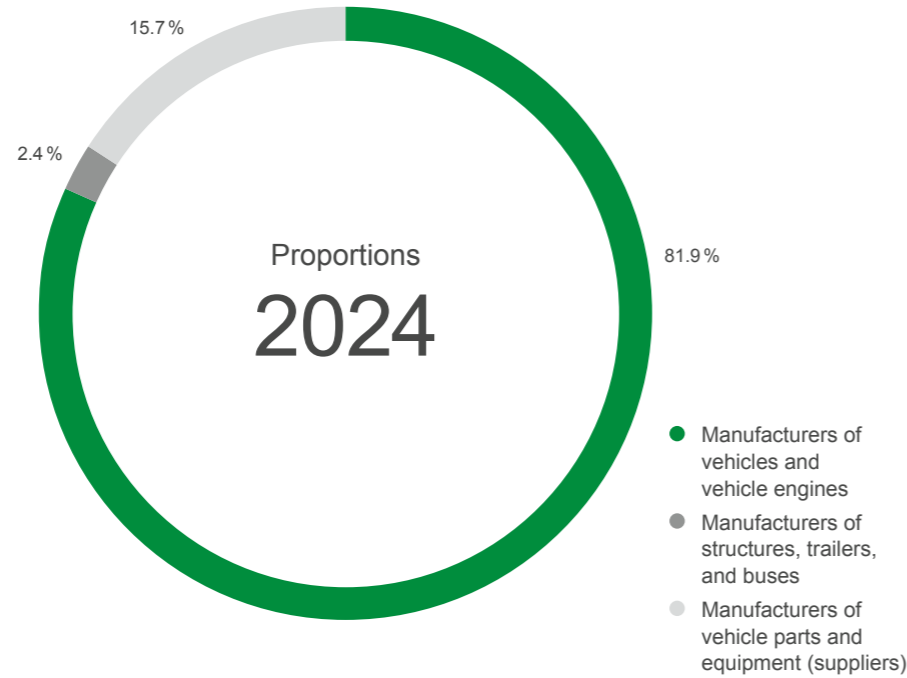
	Hamburg not available		Saarland 20,900 workers		Saxony-Anhalt 4,300 workers
	Bremen not available		Baden-Württemberg 222,400 workers		Saxony 44,200 workers
	Lower Saxony 134,100 workers		Schleswig-Holstein 3,500 workers		Thuringia 14,700 workers
	North Rhine-Westphalia 76,600 workers		Mecklenburg-Vorpommern 2,900 workers		Bavaria 251,600 workers
	Rhineland-Palatinate 28,100 workers		Berlin 4,900 workers		
	Hesse 52,400 workers		Brandenburg 14,200 workers		

Source: Bundesagentur für Arbeit



One quarter of total profits in manufacturing is achieved by the automotive industry

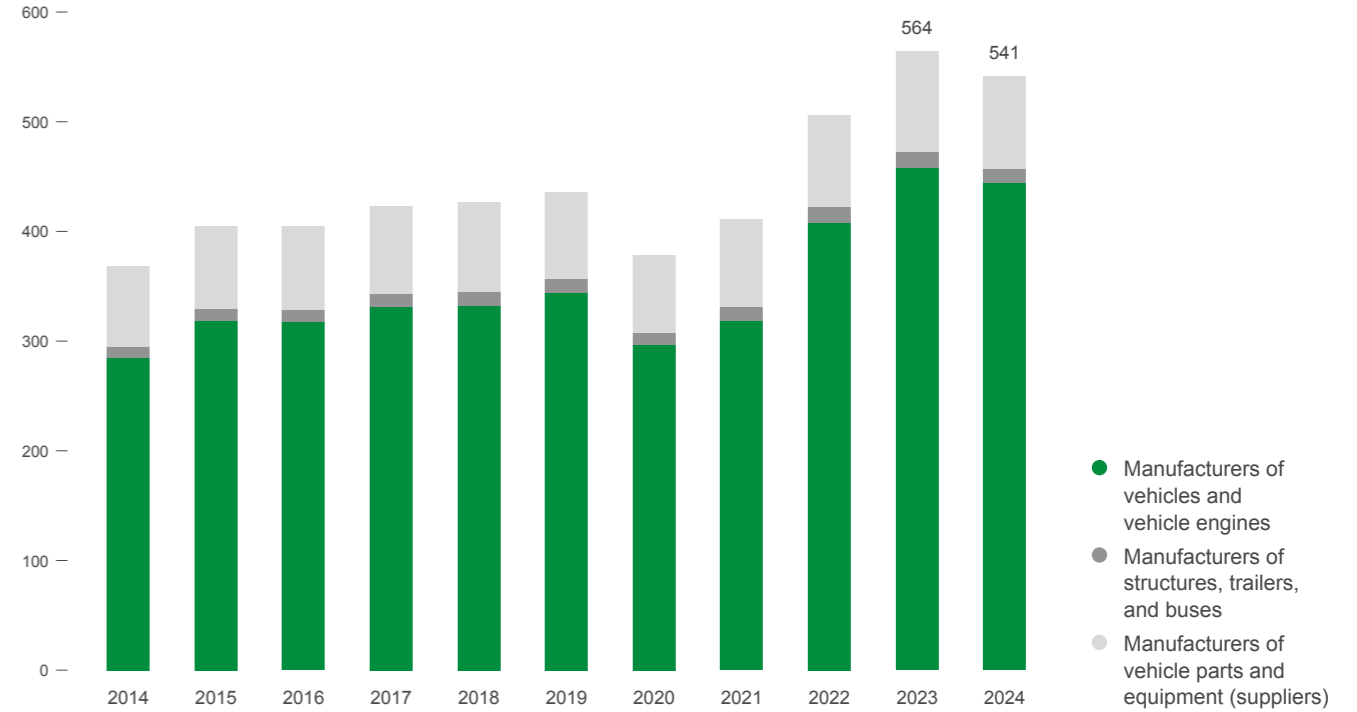
Profits in the automotive industry—shares by manufacturer group



Source: Statistisches Bundesamt

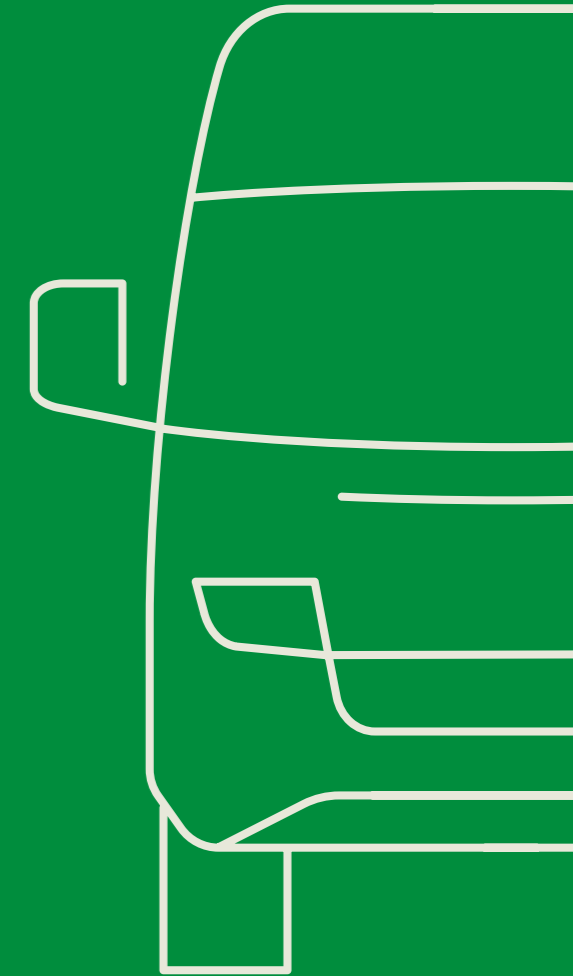
Profits in the automotive industry

in billions



Source: Statistisches Bundesamt

Automotive industry comparison

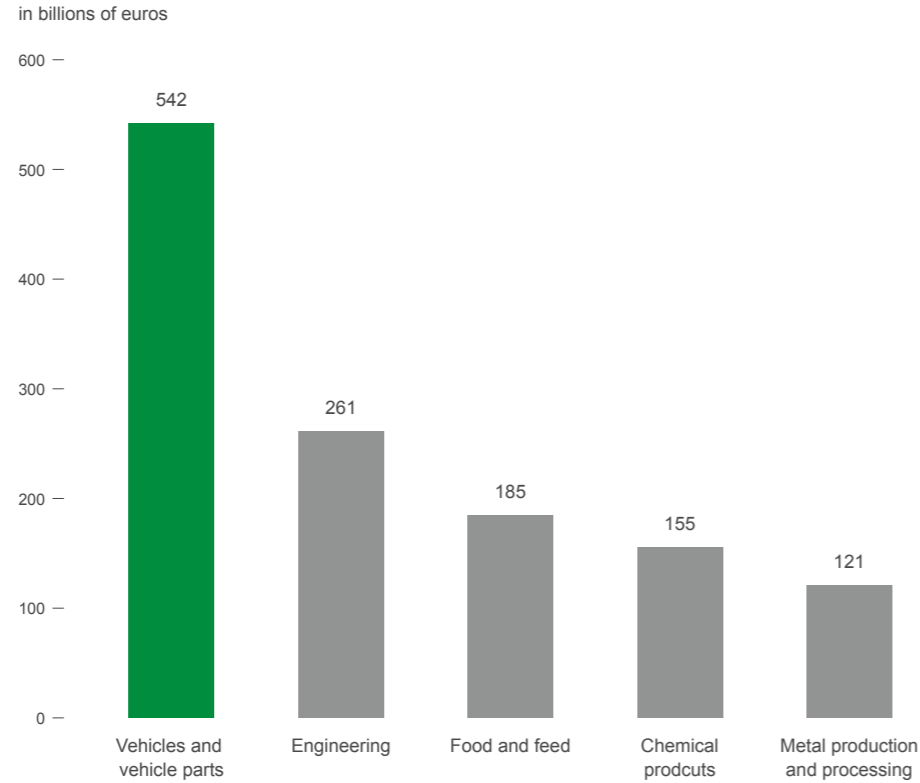


Automotive industry—
top-quality in Germany



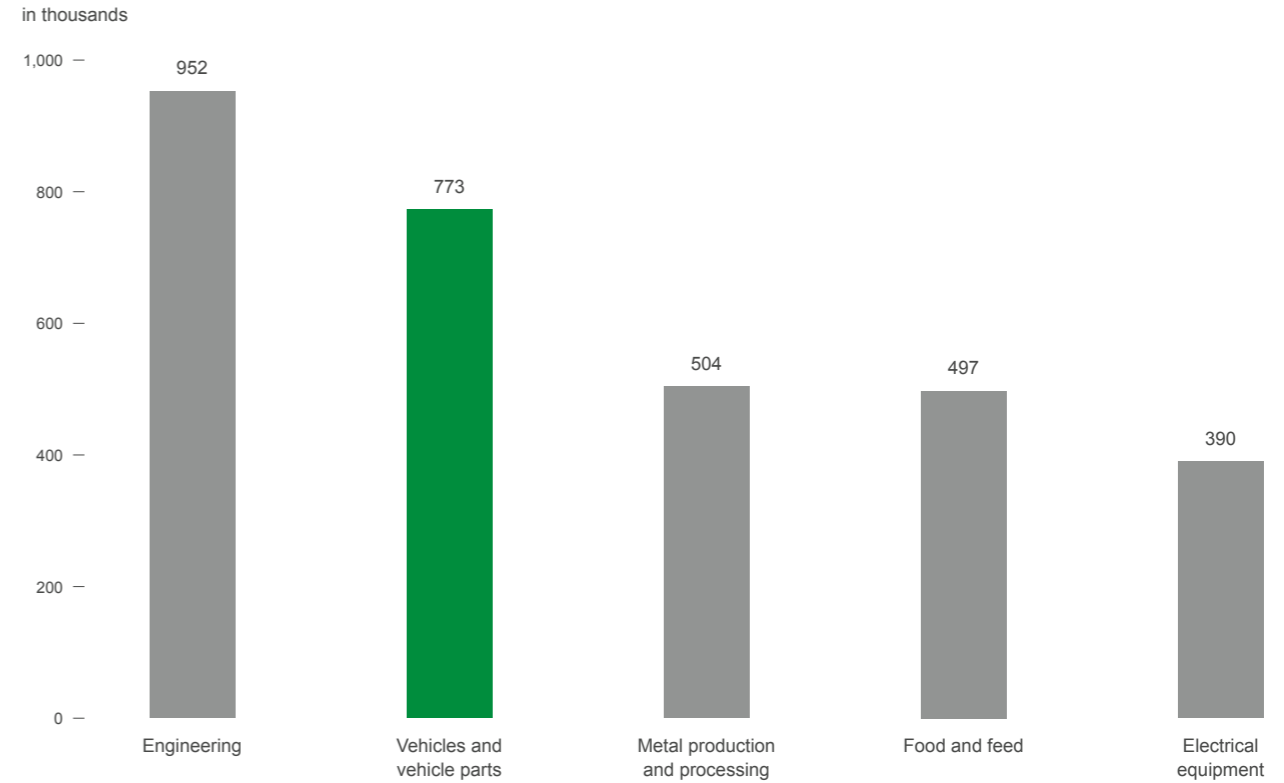
Number 1 in many aspects!

Top 5 industrial segments in Germany by profit in 2024



Source: Statistisches Bundesamt

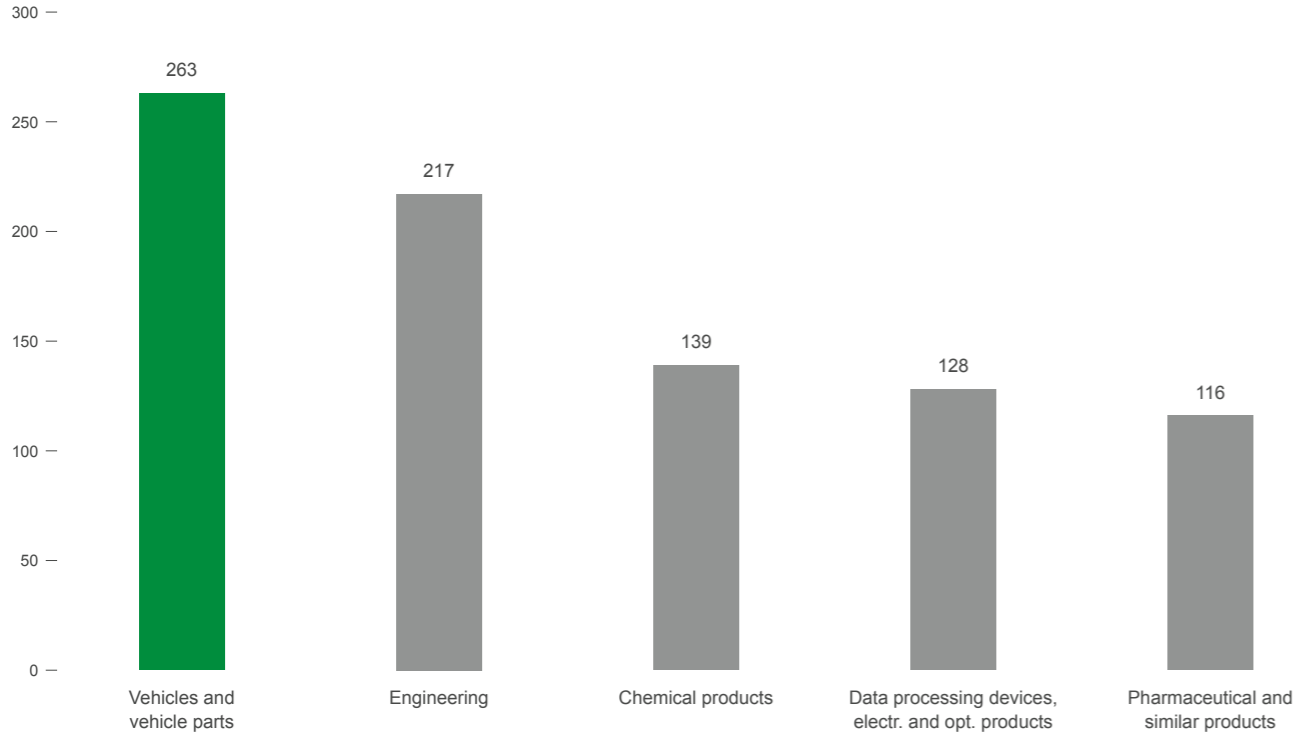
Top 5 industrial segments in Germany by workforce numbers in 2024



Source: Statistisches Bundesamt

Top 5 industrial segments in Germany by export value in 2024

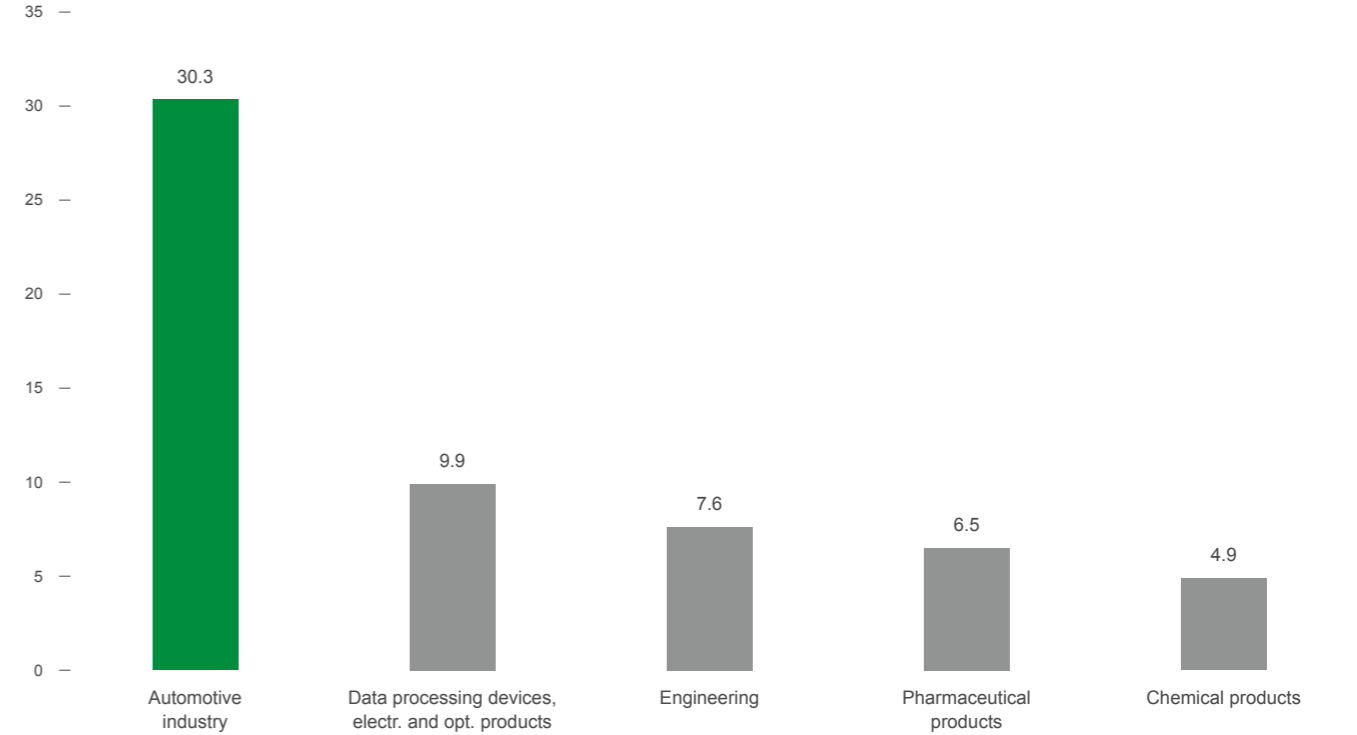
in billions of euros



Source: Statistisches Bundesamt

Top 5 industrial segments in Germany by amount of R&D investments in 2023

in billions of euros



Source: Stifterverband

Innovations

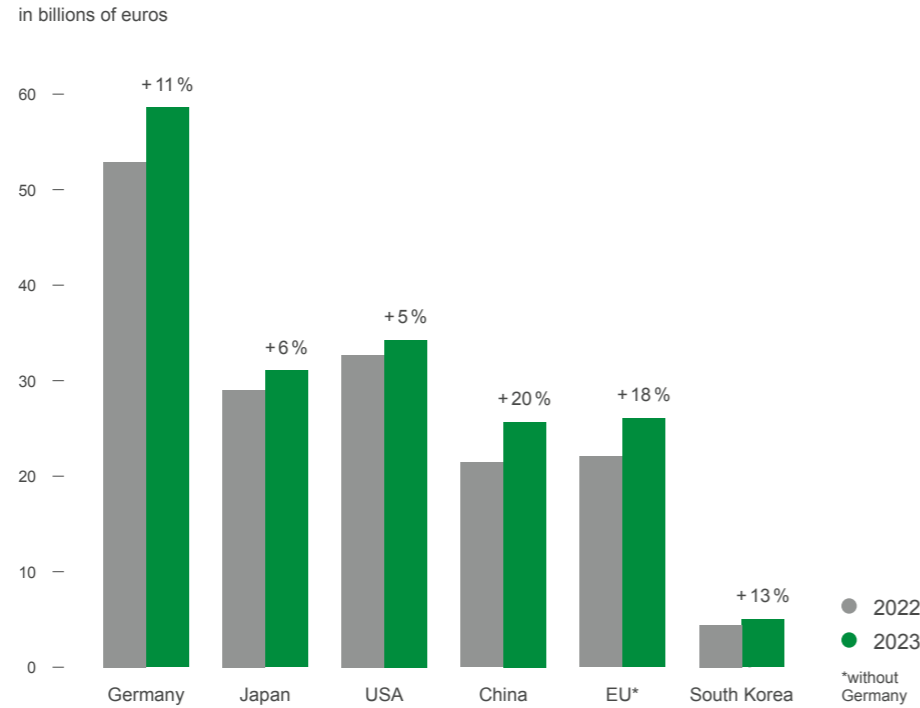


German automotive companies
expand global innovation leadership



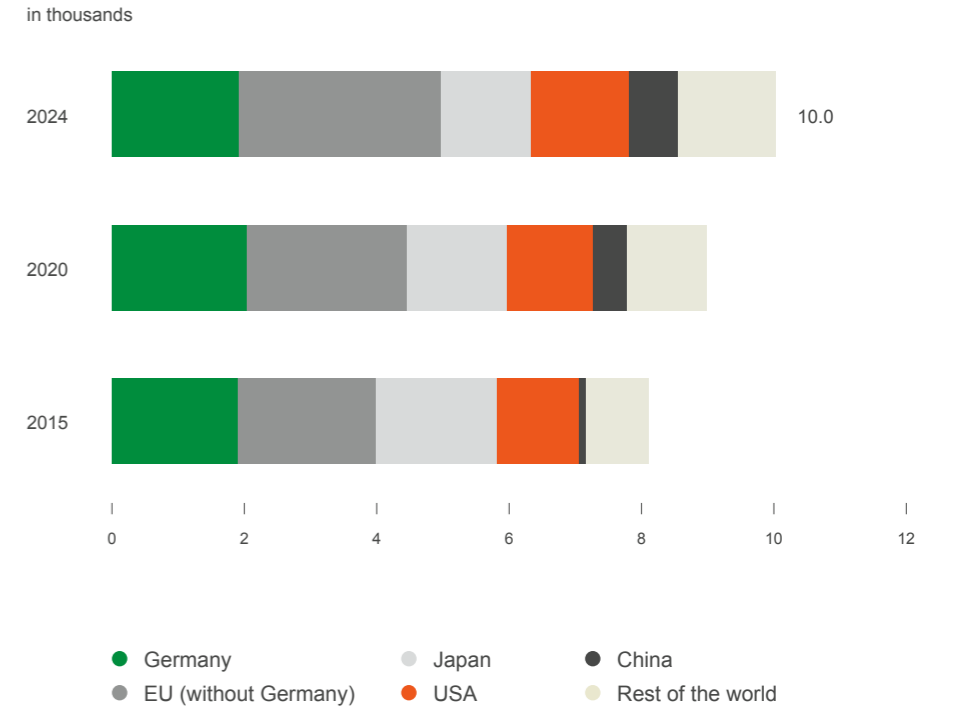
R&D investments in the German automotive industry **experiencing double-digit growth**

R&D investments in the automotive industry by company origin



Source: EU Industrial R&D Investment Scoreboard 2023 (EU Kommission)

Patent registrations with the EPO in the technology sector "Transport" by country

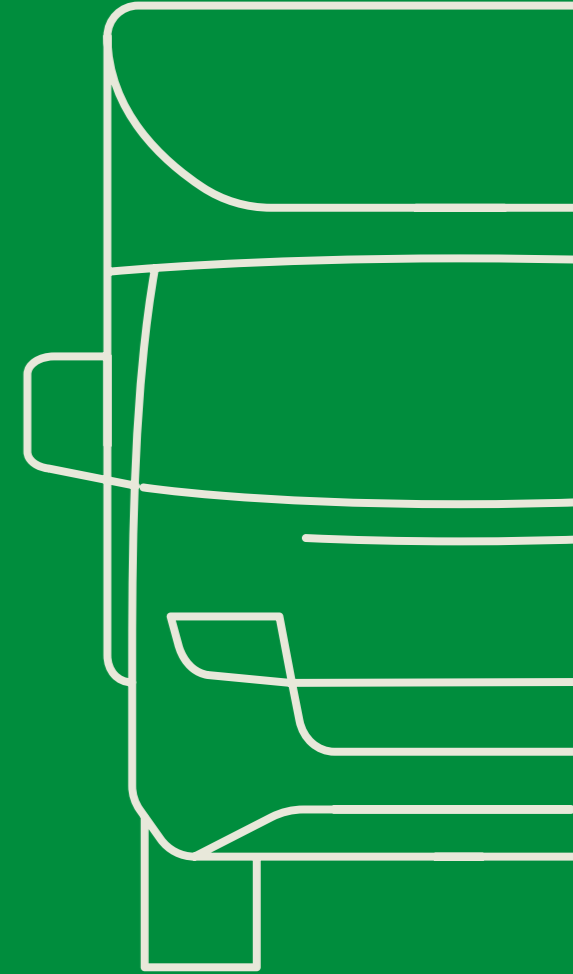


Source: European Patent Office



Germany remains highly innovative in transport

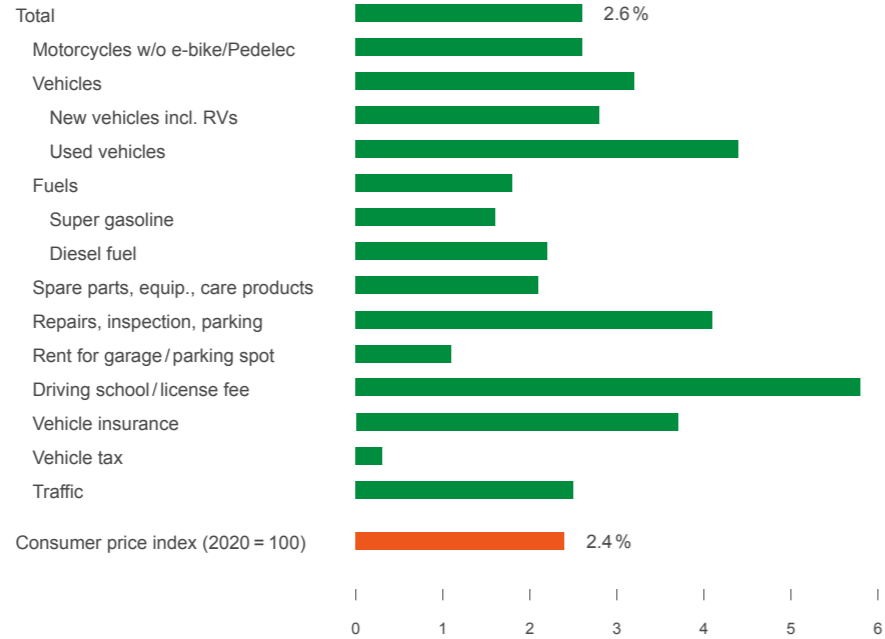
Costs and prices



Motorist price index increases similar to consumer prices in last ten years

Germany: motorist price index—medium annual price increase over past ten years

in percent



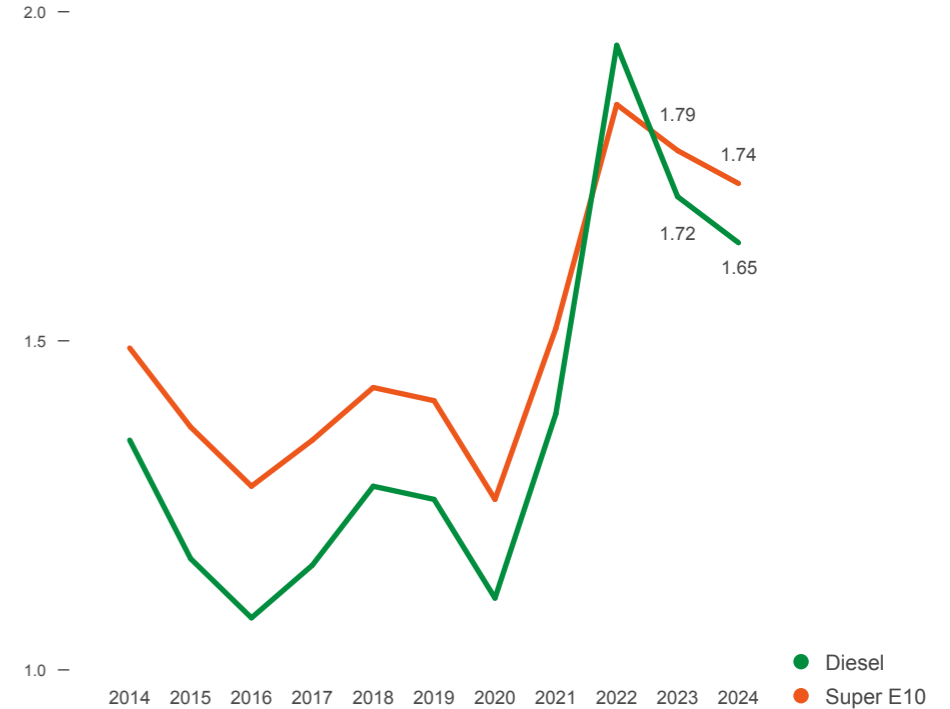
Source: Statistisches Bundesamt



Vehicle insurance prices currently increasing dynamically

Fuel price development in Germany

in euros / liter



● Diesel
● Super E10

Source: ADAC

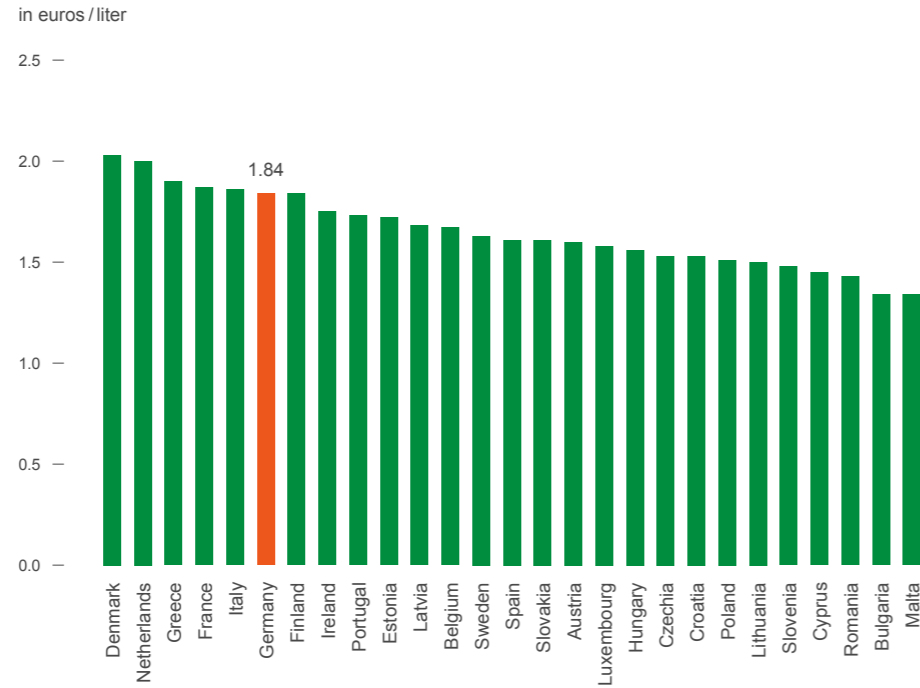


Fuel prices in 2024 below prior year's value



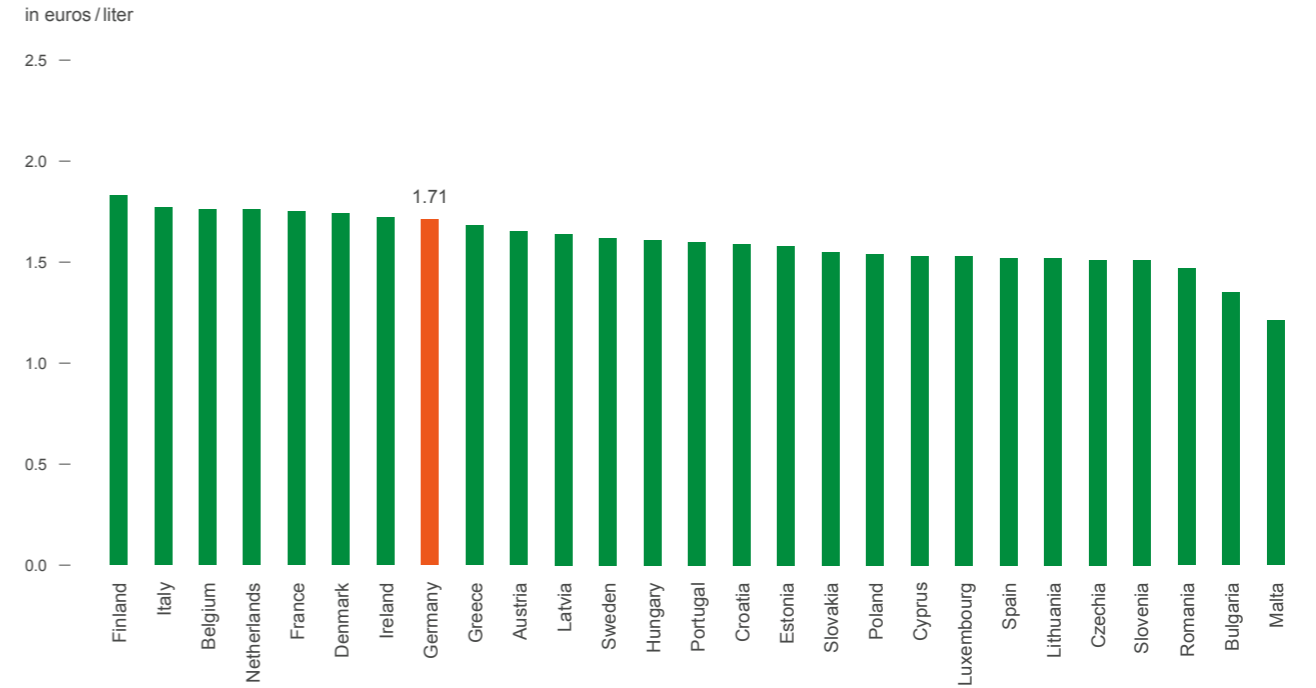
High fuel prices in Germany

Average fuel prices in EU comparison in 2024: gasoline



Source: European Commission

Average fuel prices in EU comparison in 2024: diesel



Source: European Commission

New registrations and sales

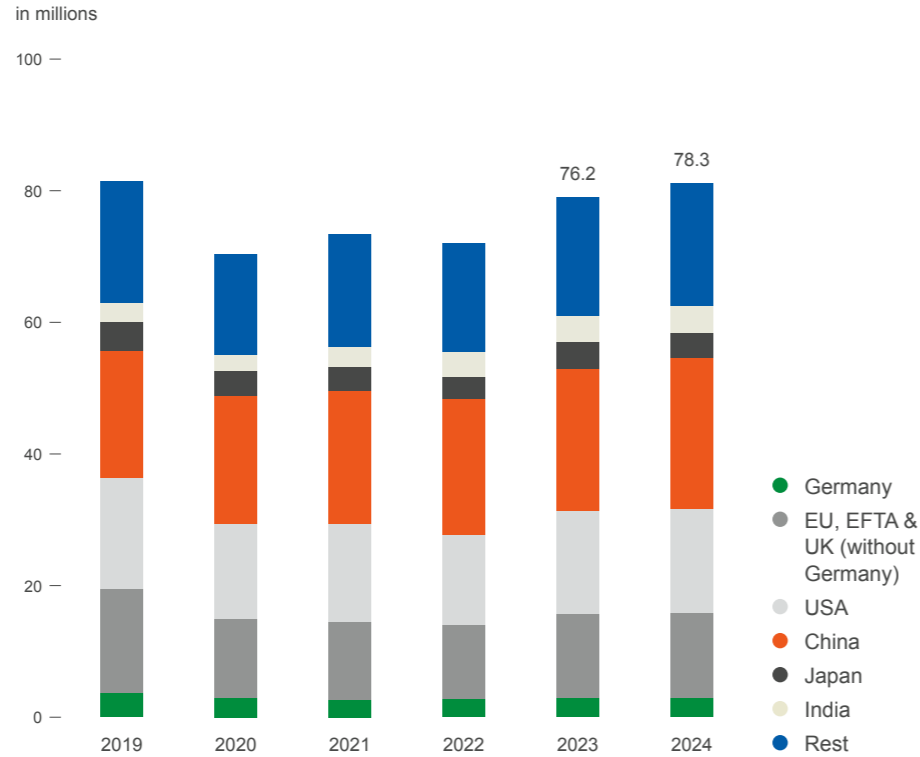


Global car sales
at pre-crisis level



Global market reorienting

Car and light vehicle sales by major sales markets

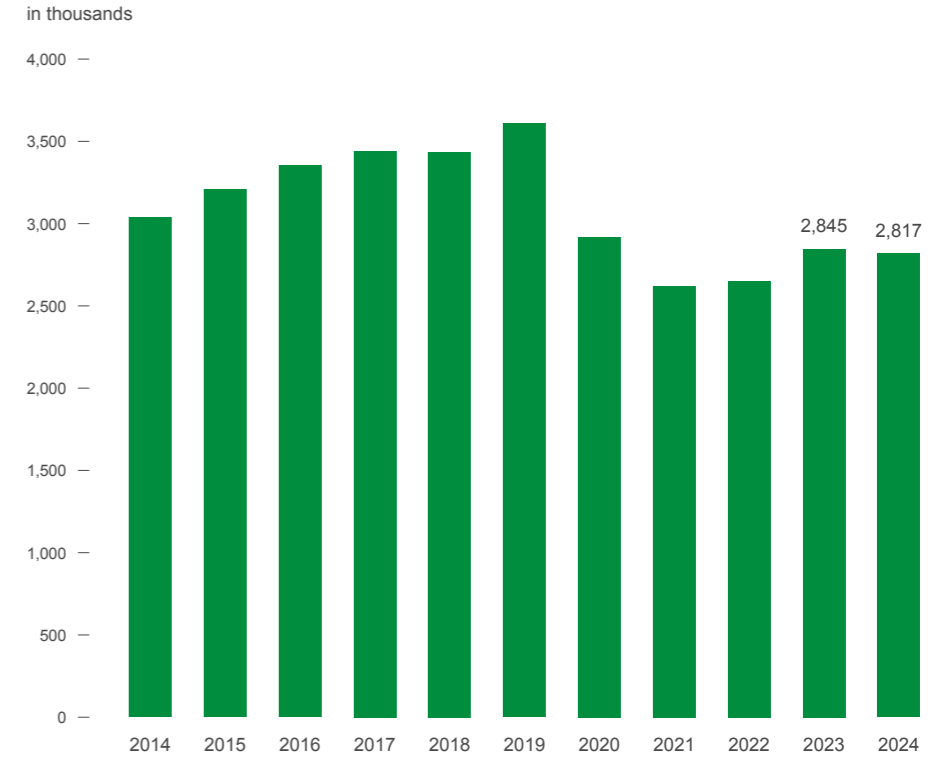


Source: VDA, ACEA, Wards Intelligence, CPCA, JAMA, SIAM, other institutes



German market far below pre-crisis level

New car registrations in Germany

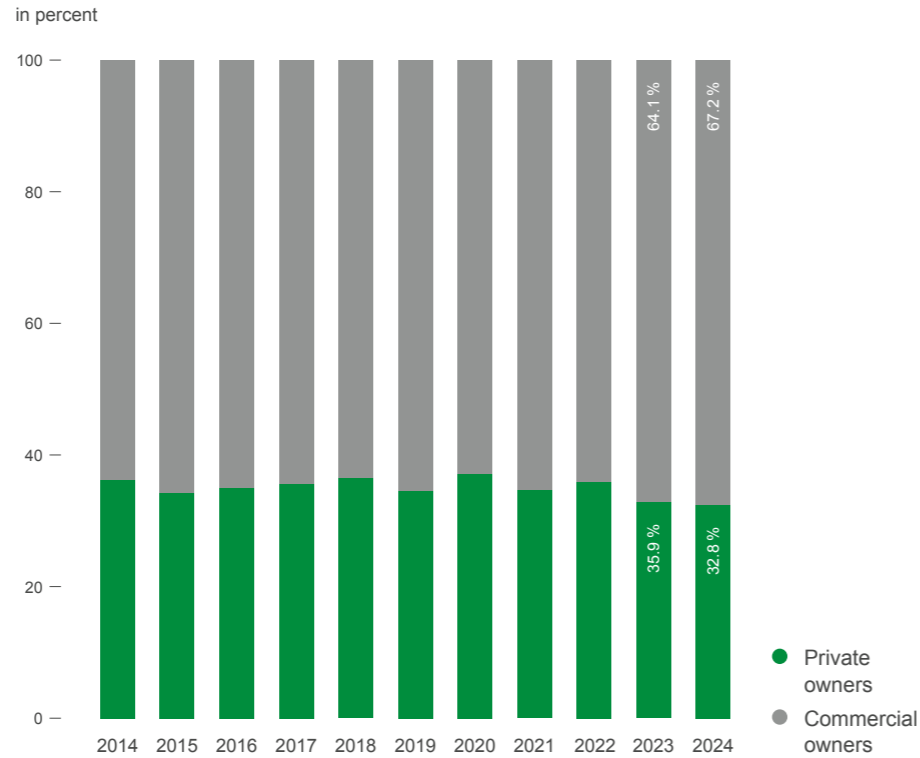


Source: KBA



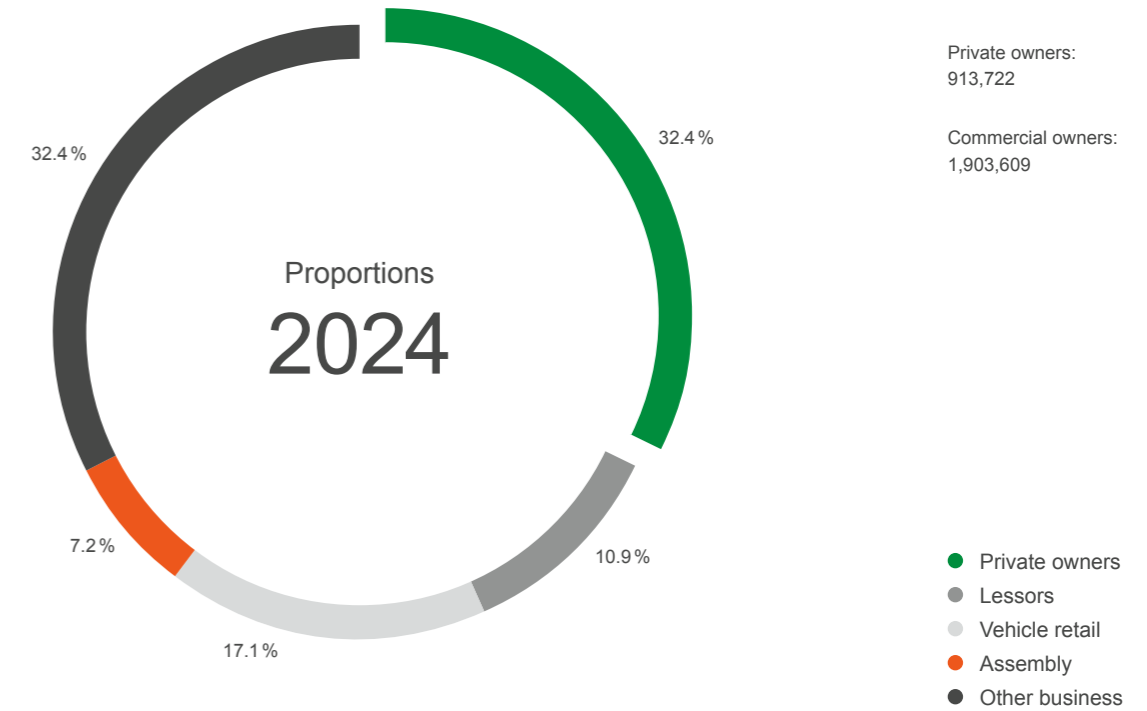
Two out of three new registrations in Germany are permitted for commercial use

New car registrations in Germany by owner type



Source: KBA

Car market in Germany in 2024 by owner group



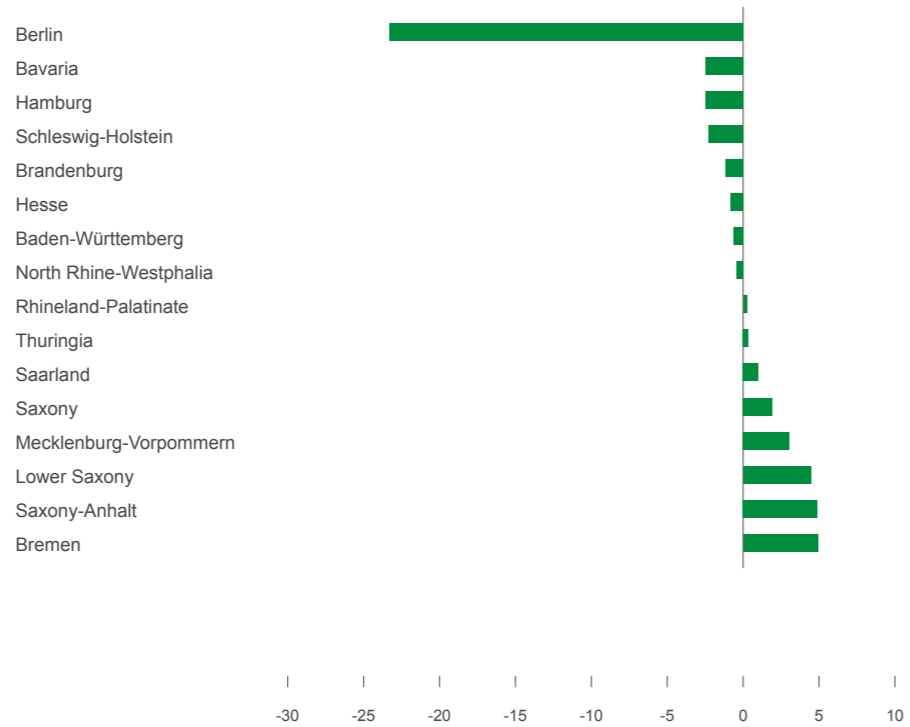
Source: KBA



Great differences among federal states

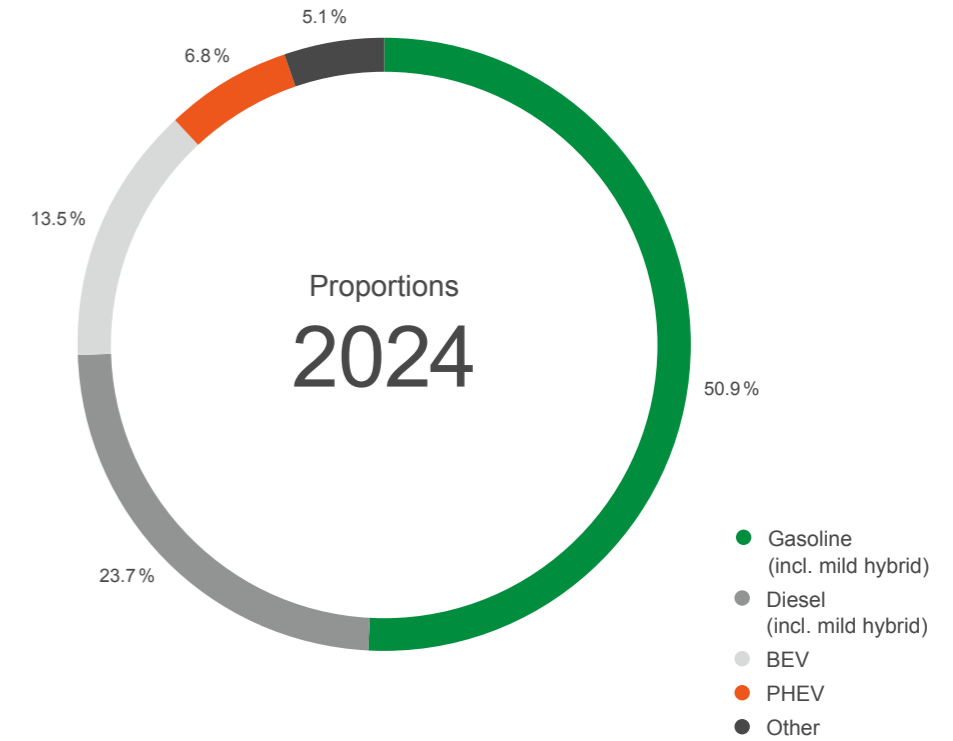
New registrations in Germany in 2024 by state

Change over prior year in percent



Source: KBA

New car registrations in Germany by engine type



Source: KBA

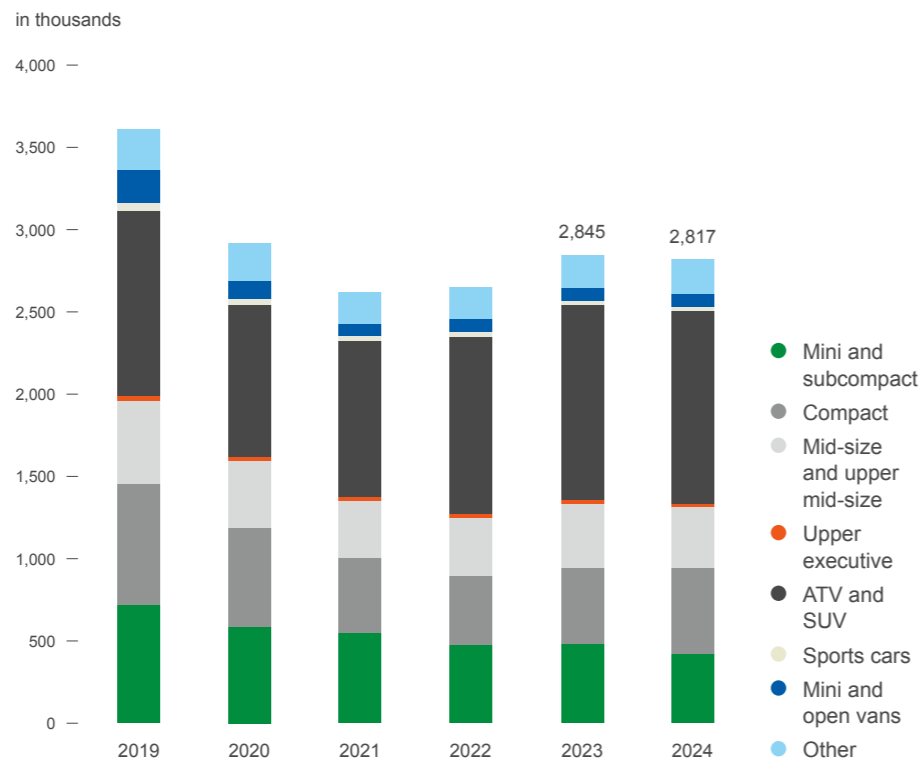


Every fifth car in 2024 is electric



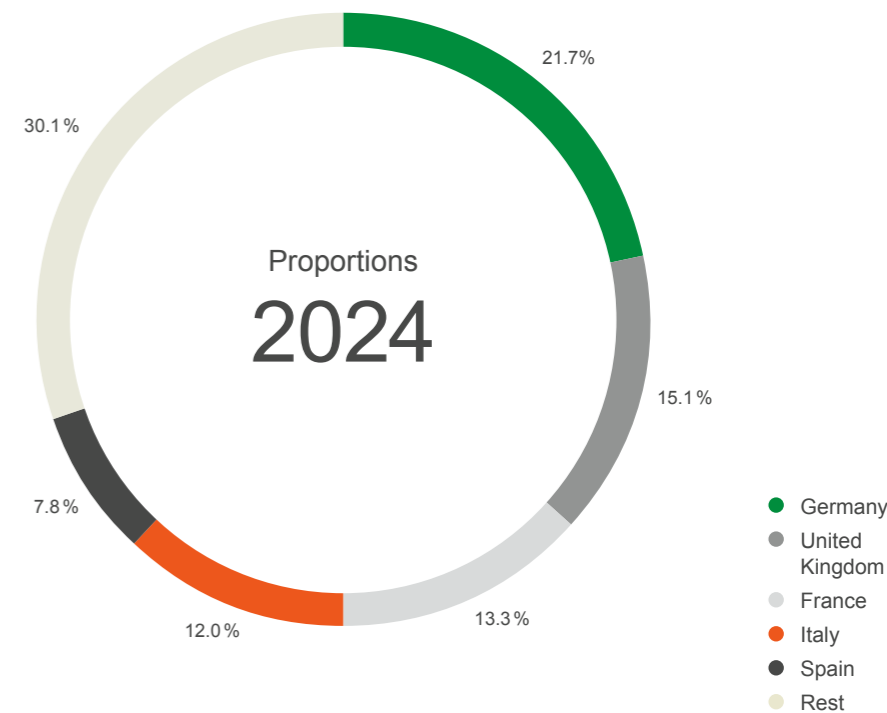
41 percent of all new registrations are SUVs

New car registrations in Germany by segment



Source: KBA

New car registrations in the EU, EFTA and UK



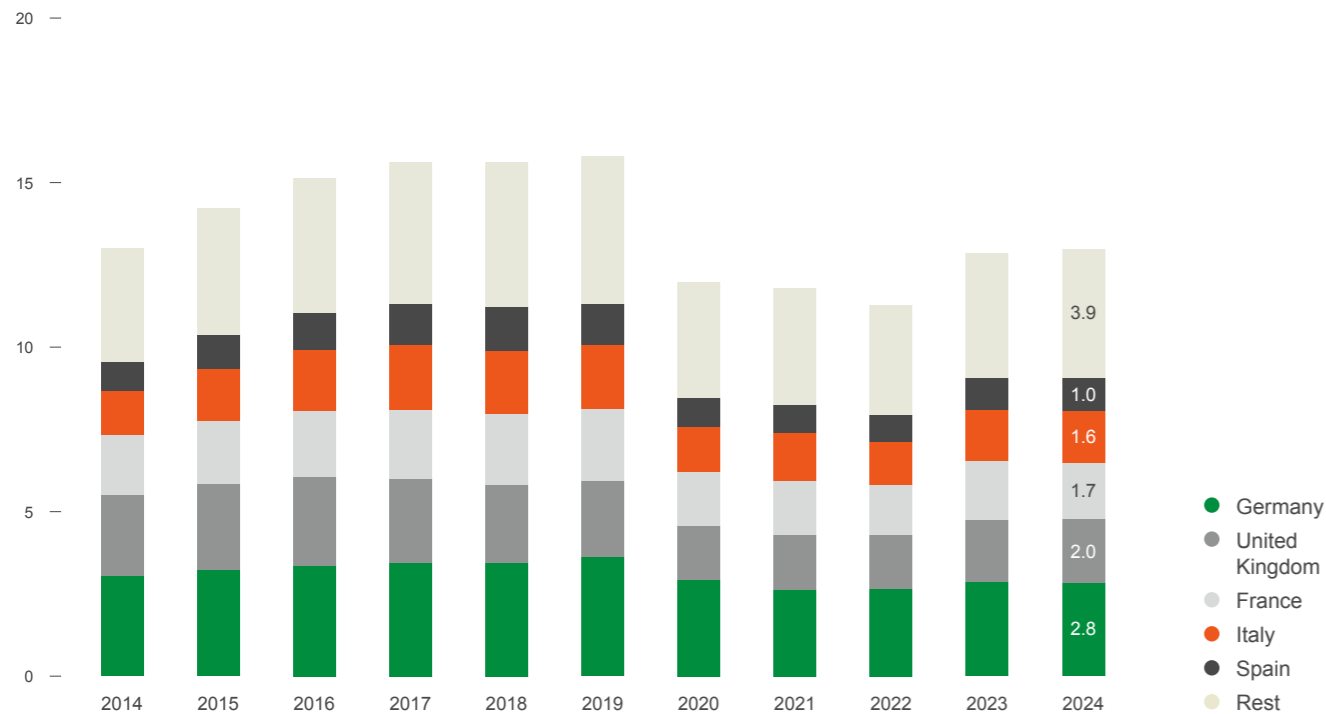
Source: ACEA



Weak dynamics in new registrations in Europe

New car registrations in the EU, EFTA and UK

in millions



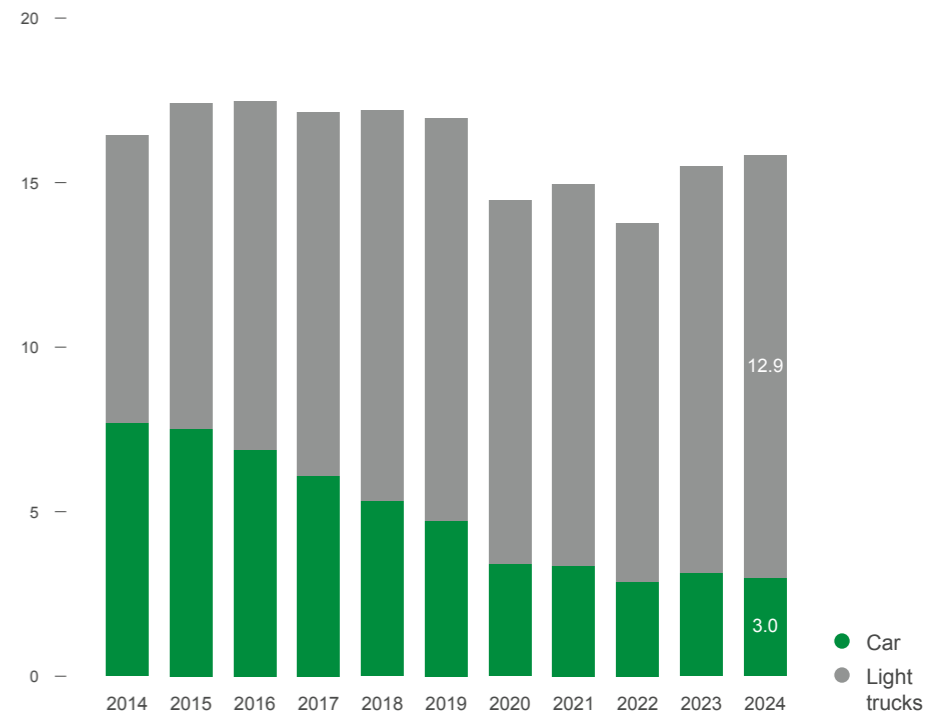
Source: ACEA



More than **four**
out of **five** new
cars in the USA
are **light trucks**

Light vehicle sales in the USA by vehicle type

in millions

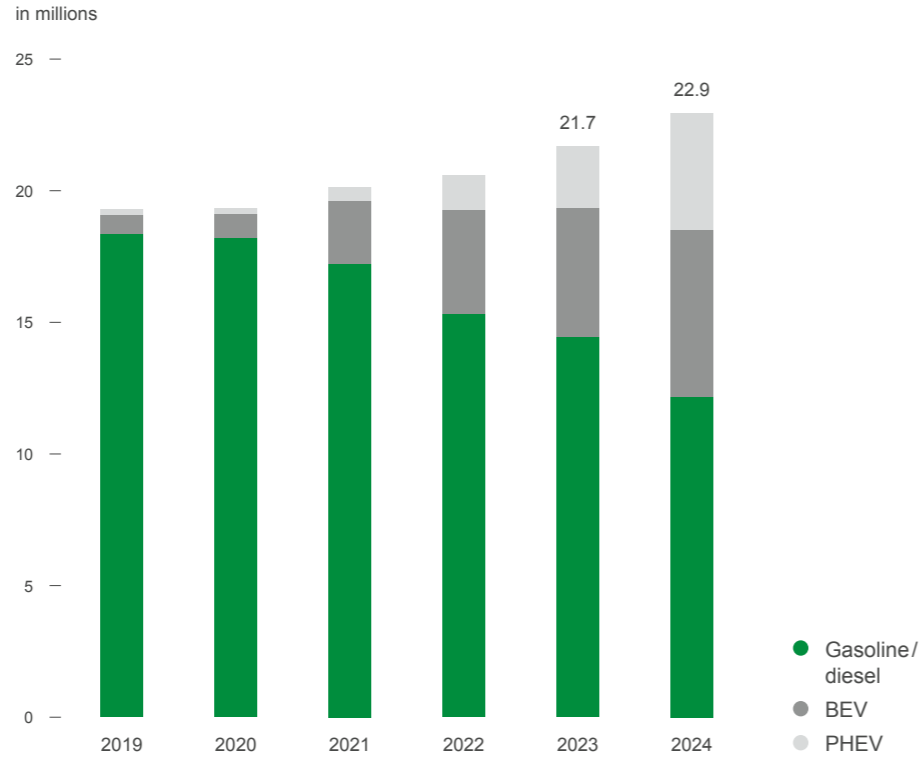


Source: Wards Intelligence



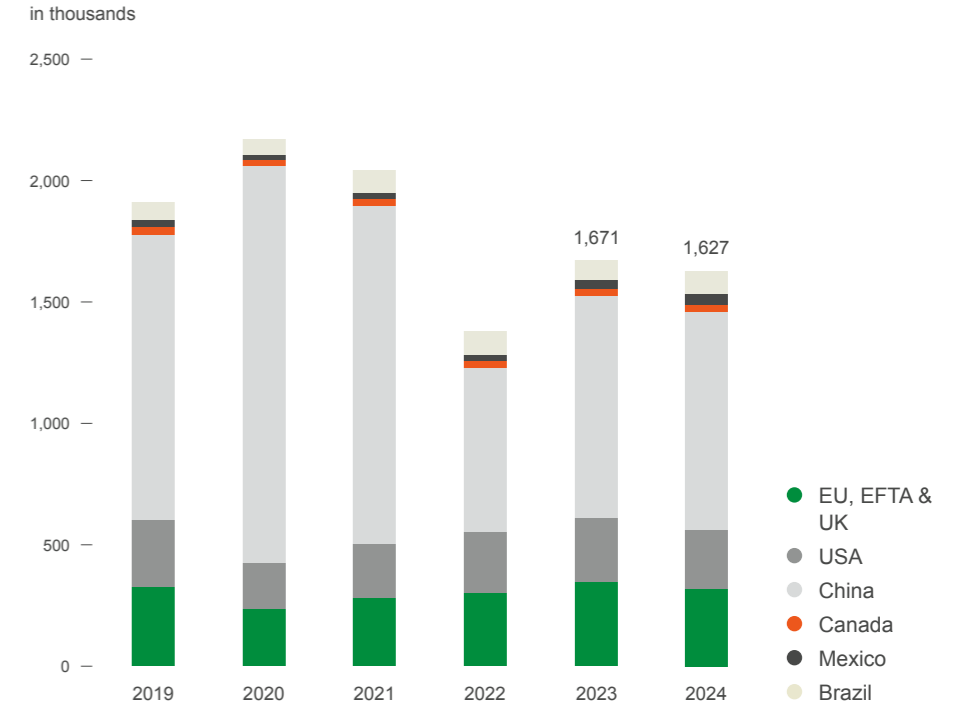
China: electric sales **growing dynamically**

Car sales in China by engine type



Source: CPCA, S&P Global Mobility, VDA

Sales of commercial vehicles over 16t in select countries



Source: ACEA, Wards Intelligence, CAAM, Anfavea

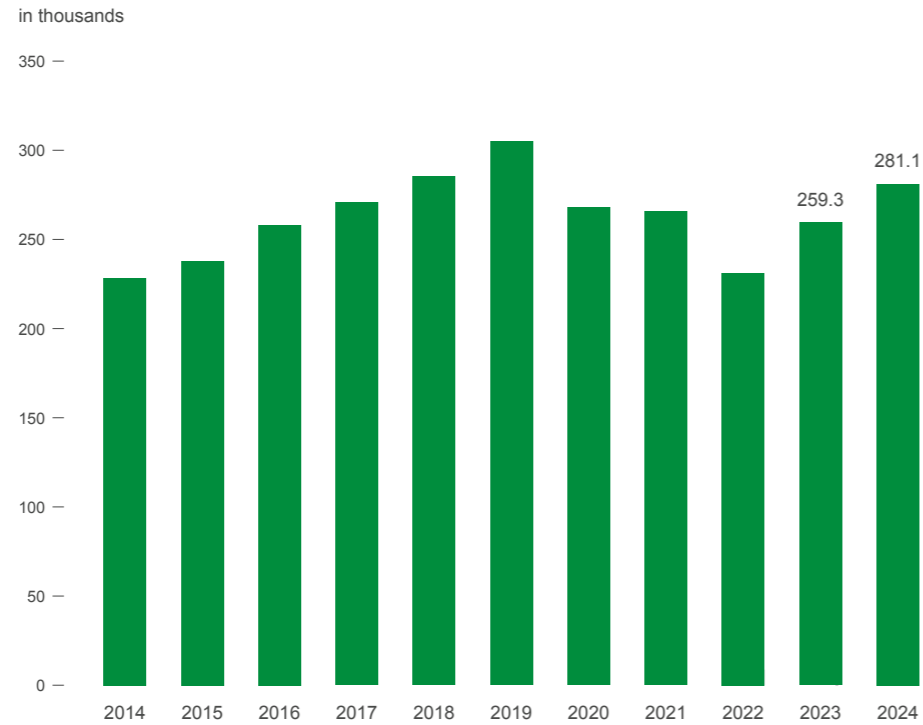


China: **largest market** for heavy-duty commercial vehicles



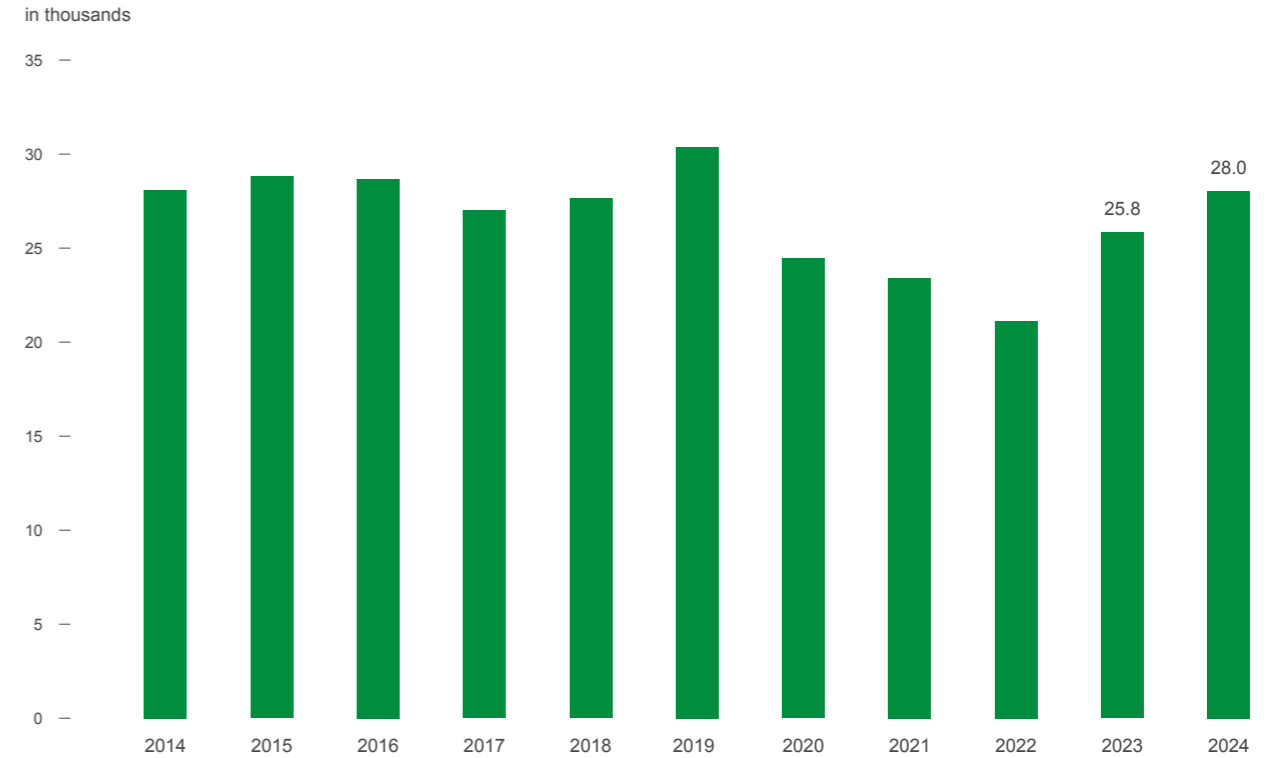
New registrations of commercial vehicles under 3.5t at **highest level** since 2019

New registrations of commercial vehicles up to 3.5t in Germany



Source: KBA

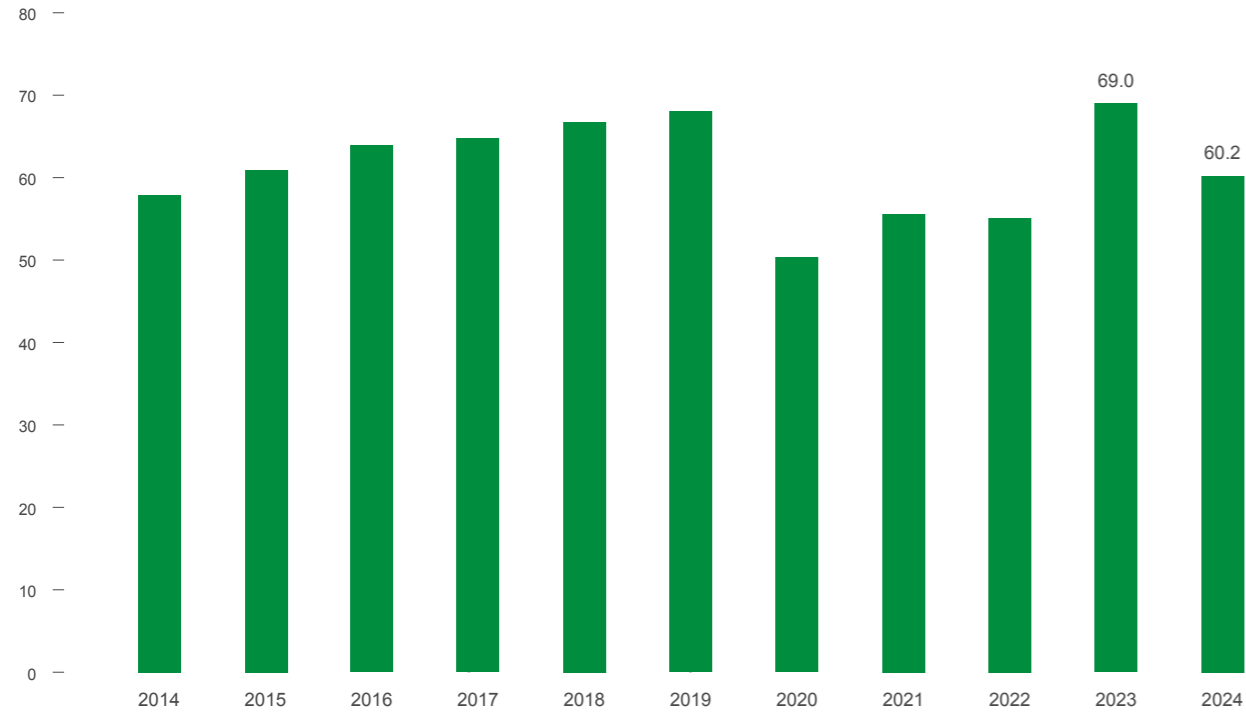
New registrations of commercial vehicles from 3.5t to 16t in Germany



Source: KBA

New registrations of commercial vehicles over 16t in Germany

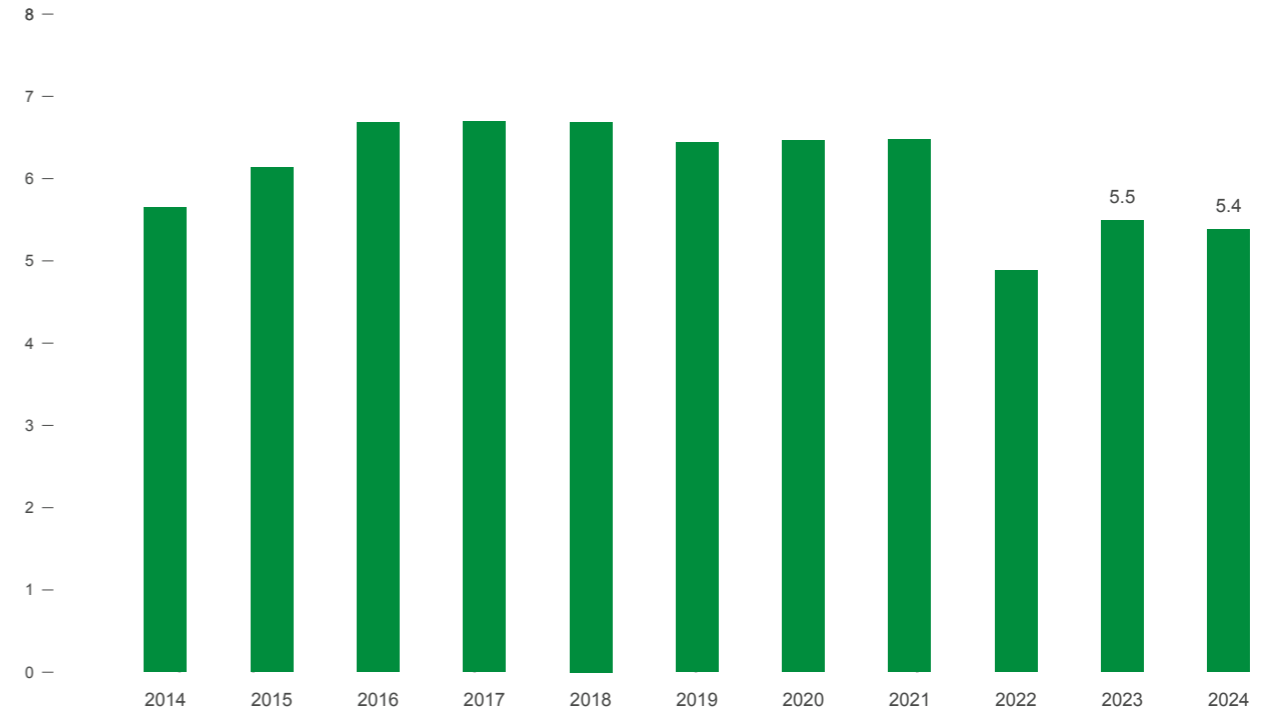
in thousands



Source: KBA

New registrations of omnibuses in Germany

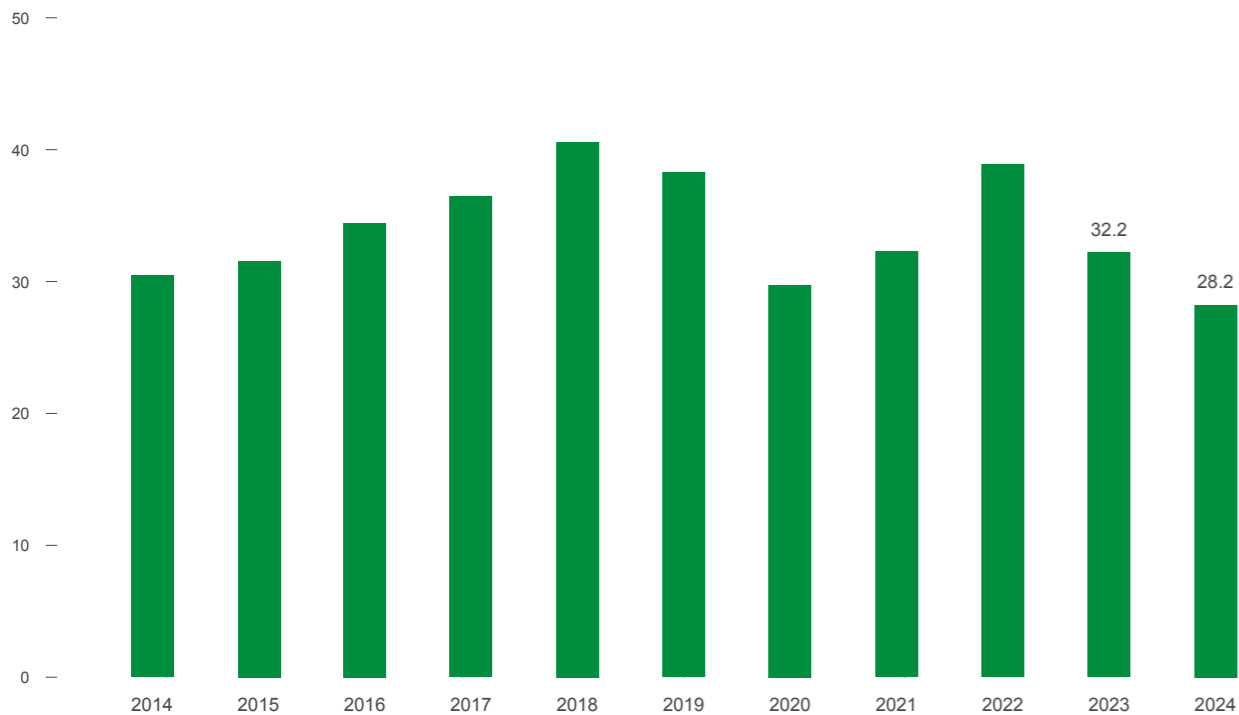
in thousands



Source: KBA

New registrations of semitrailers in Germany

in thousands



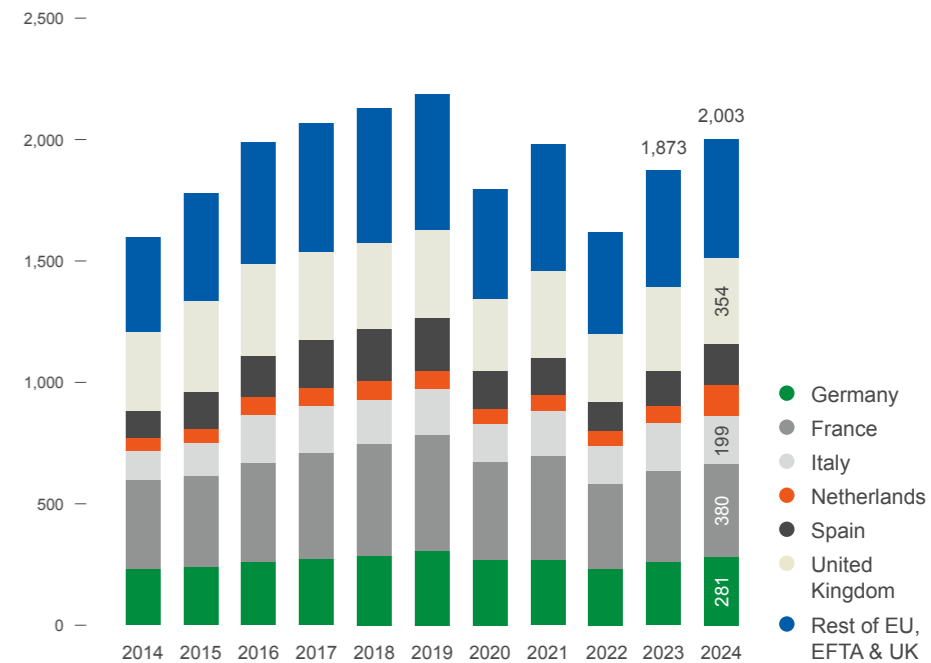
Source: KBA



New registrations of **commercial vehicles over 16t** most recently at **level from 2017**

New registrations of commercial vehicles up to 3.5t in the EU, EFTA and UK

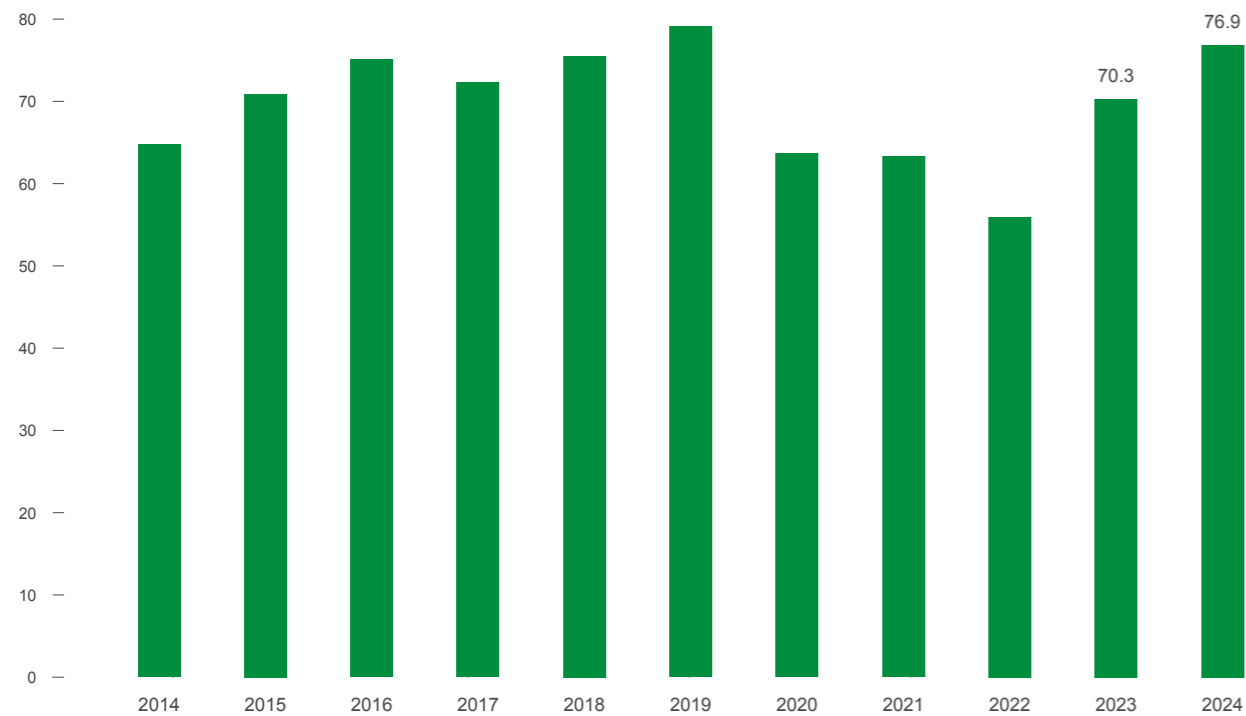
in thousands



Source: ACEA

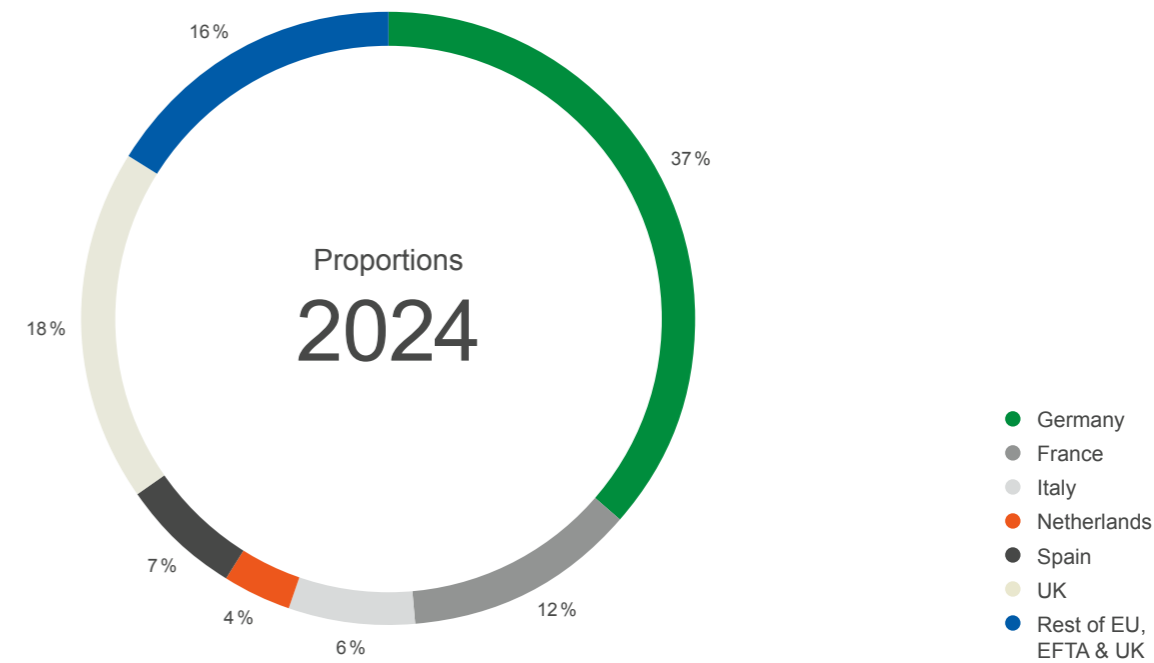
New registrations of commercial vehicles from 3.5t to 16t in the EU, EFTA and UK

in thousands



Source: ACEA

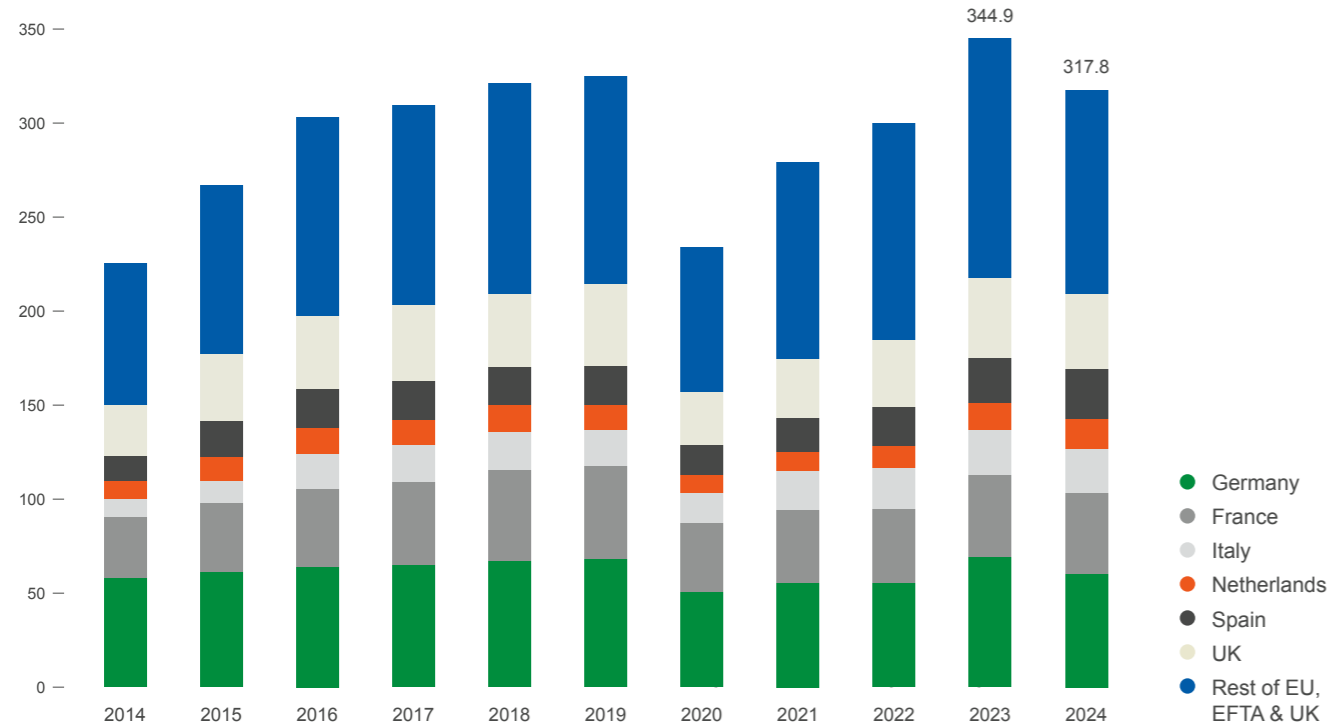
New registrations of commercial vehicles from 3.5t to 16t in the EU, EFTA and UK by country



Source: ACEA

New registrations of commercial vehicles over 16t in the EU, EFTA and UK

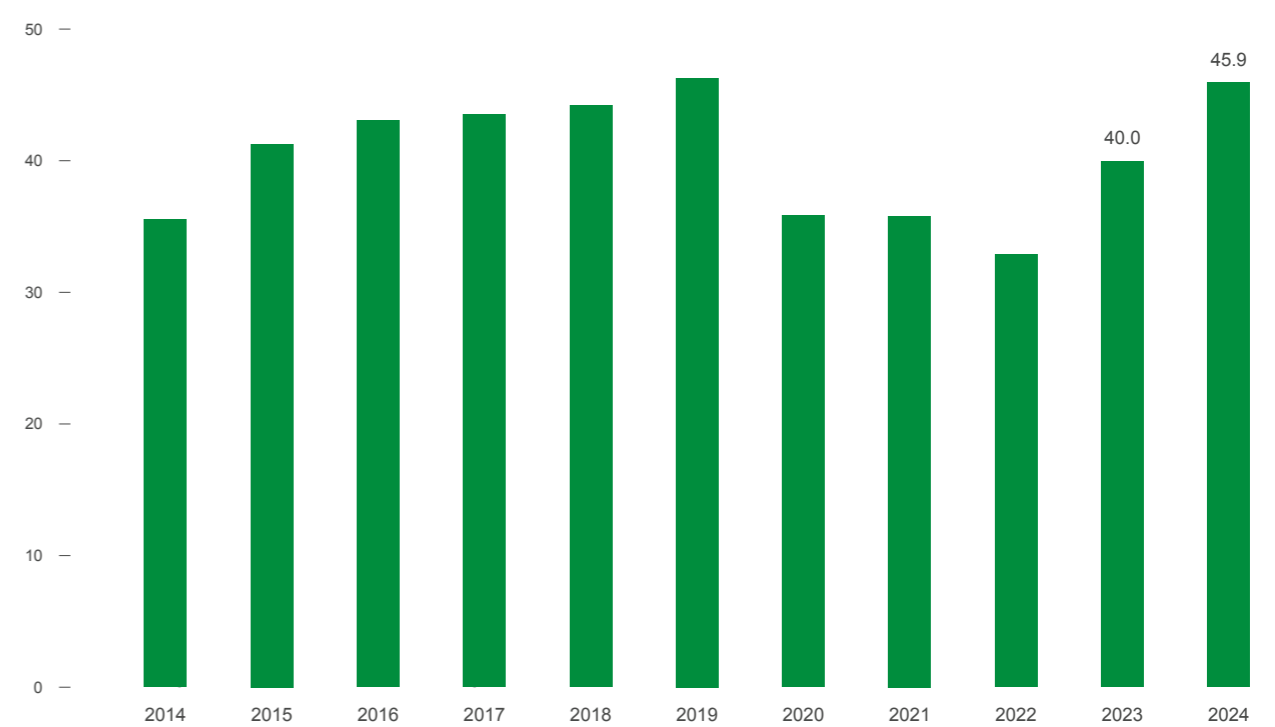
in thousands



Source: ACEA

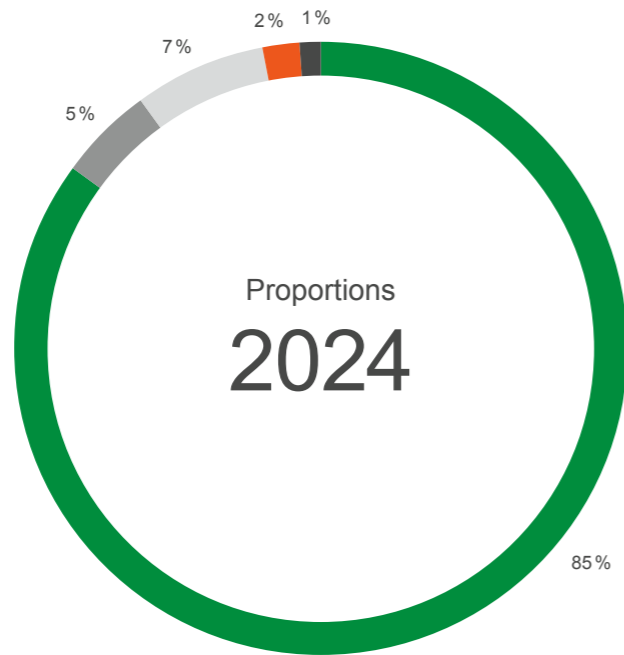
New registrations of buses over 3.5t in EU, EFTA and UK

in thousands



Source: ACEA

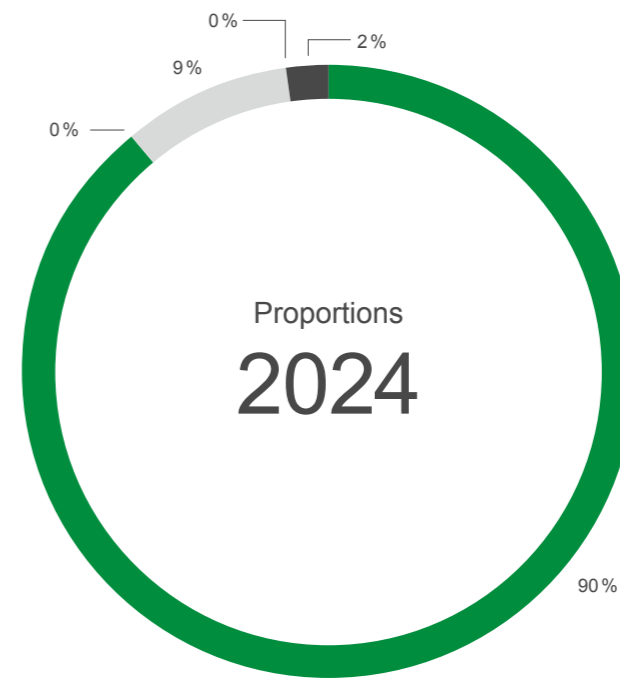
New registrations of commercial vehicles up to 3,5t in the EU, EFTA and UK by engine type



- Diesel
- Gasoline
- BEV & PHEV
- Mild & full hybrid
- Other

Source: ACEA

New registrations of commercial vehicles from 3.5t to 16t in the EU, EFTA and UK by engine type



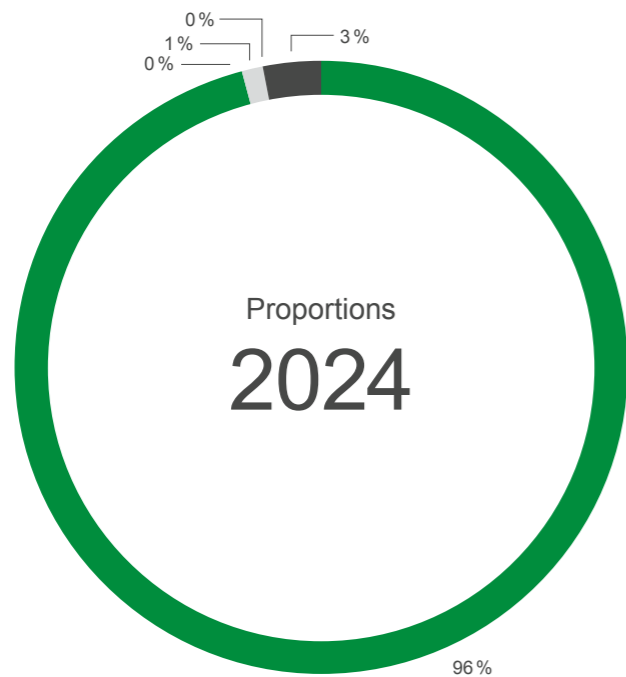
- Diesel
- Gasoline
- BEV & PHEV
- Mild & full hybrid
- Other

Source: ACEA



Every fifth new bus is electric

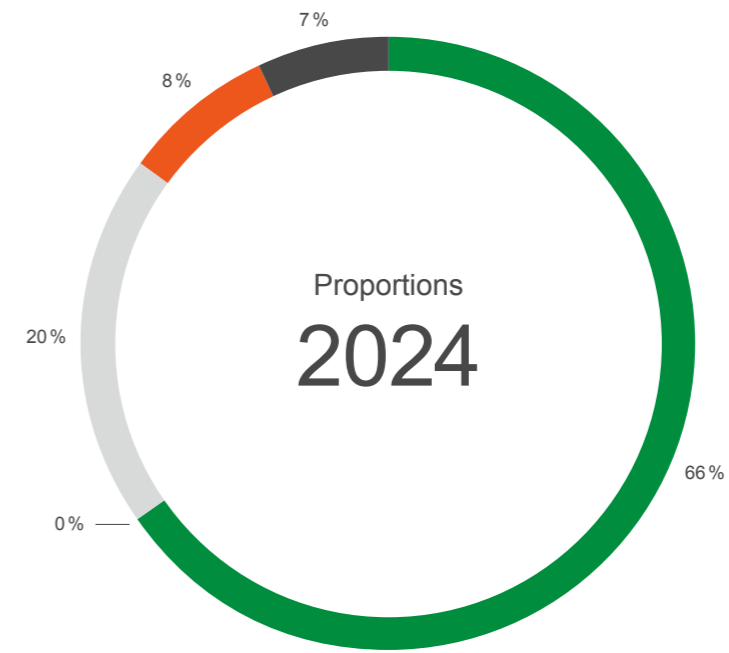
New registrations of commercial vehicles over 16t in the EU, EFTA and UK by engine type



- Diesel
- Gasoline
- BEV & PHEV
- Mild & full hybrid
- Other

Source: ACEA

New registrations of buses in the EU, EFTA and UK by engine type



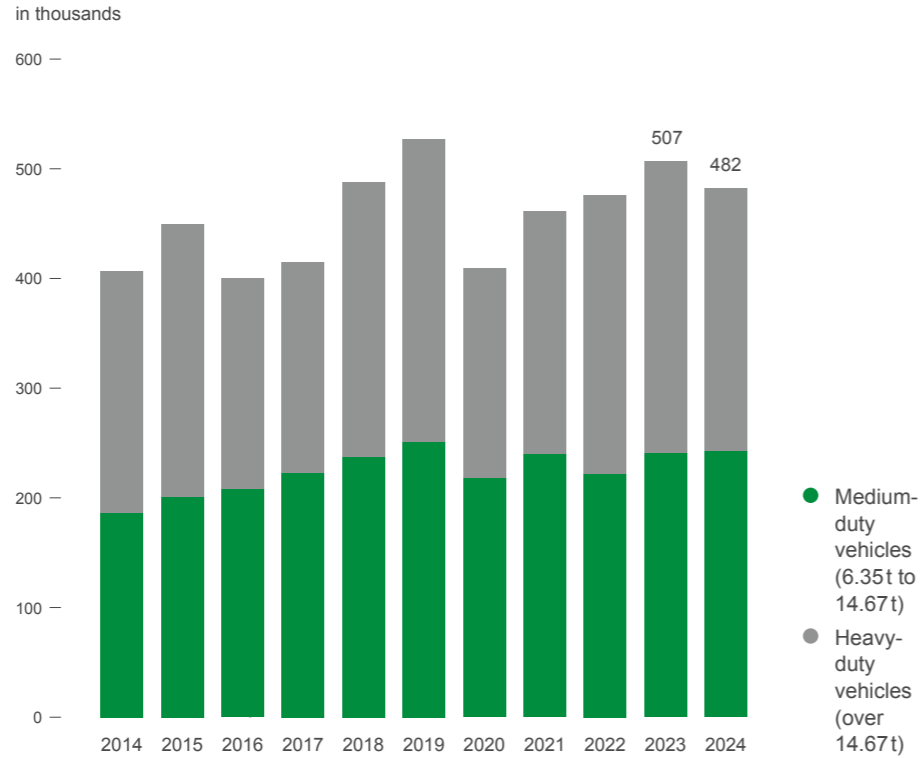
- Diesel
- Gasoline
- BEV & PHEV
- Mild & full hybrid
- Other

Source: ACEA



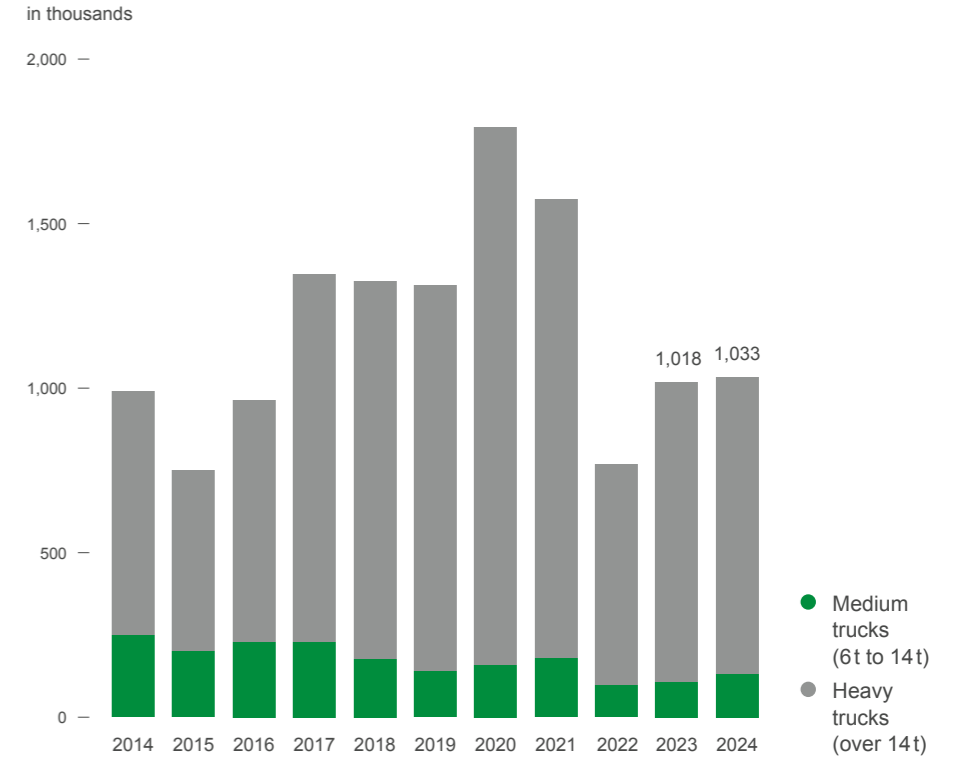
Half of commercial vehicles in the **medium** and **heavy-duty** segment

Sales of commercial vehicles in the USA



Source: Wards Intelligence

Sales of commercial vehicles in China

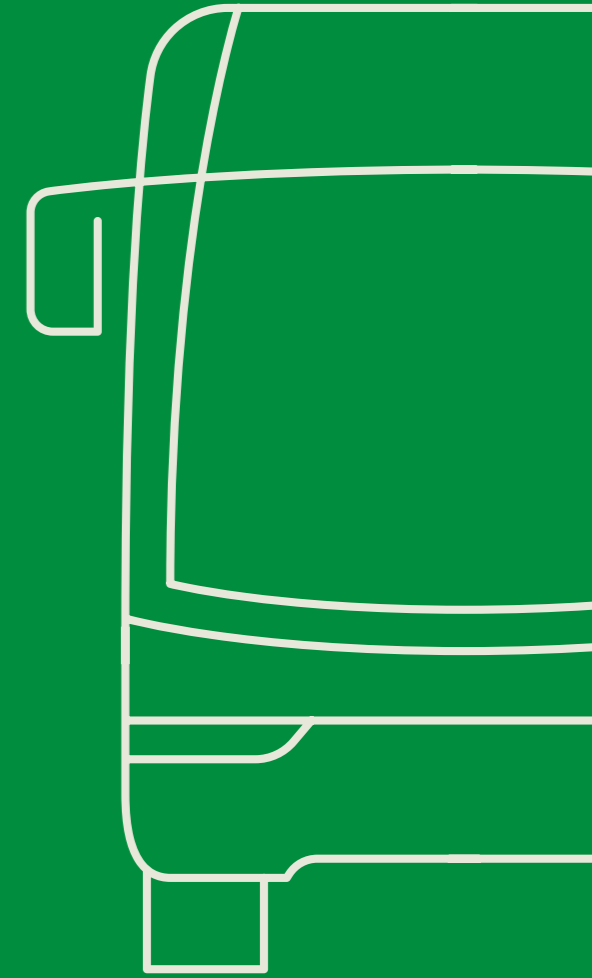


Source: CAAM



Heavy trucks **shape** the commercial vehicle market

Electro- mobility



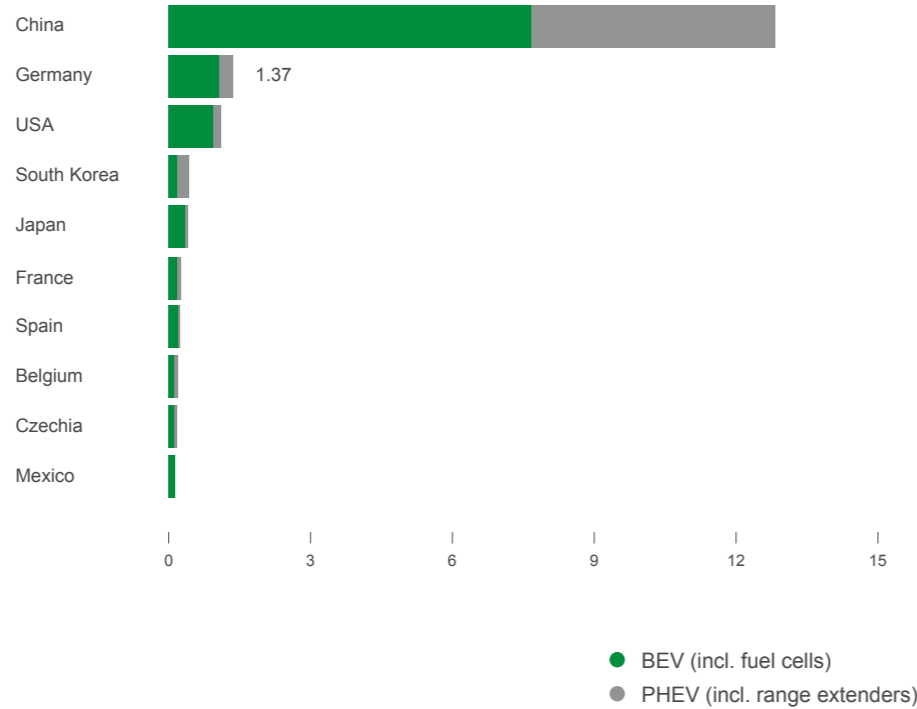
Electromobility:
driver of the global market



Germany **second largest production site** for e-cars worldwide

Production of e-light vehicles, top 10 countries in 2024

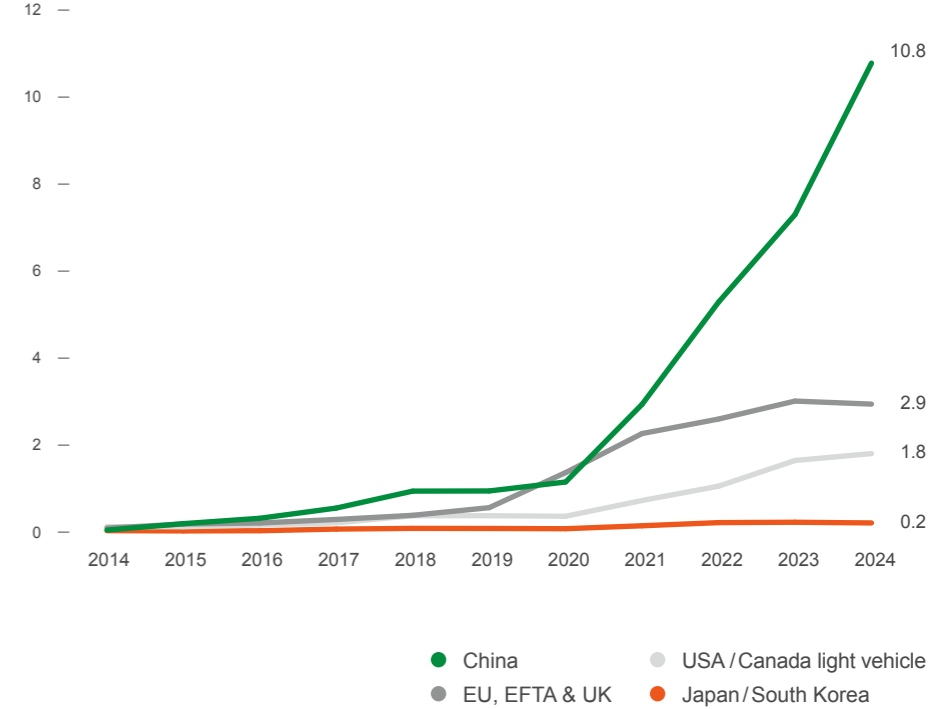
in millions



Source: S&P Global Mobility

New registrations of e-cars internationally

in millions

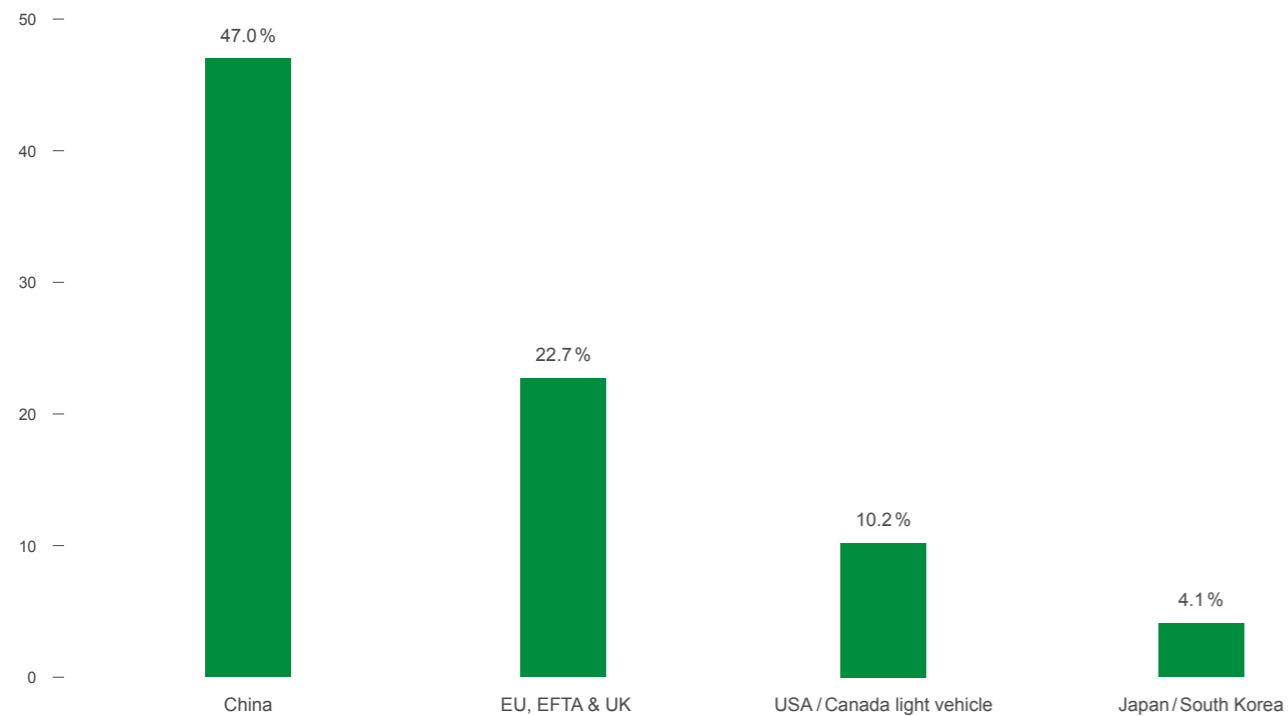


Source: S&P Global Mobility, KBA, Wards Intelligence, Fourin



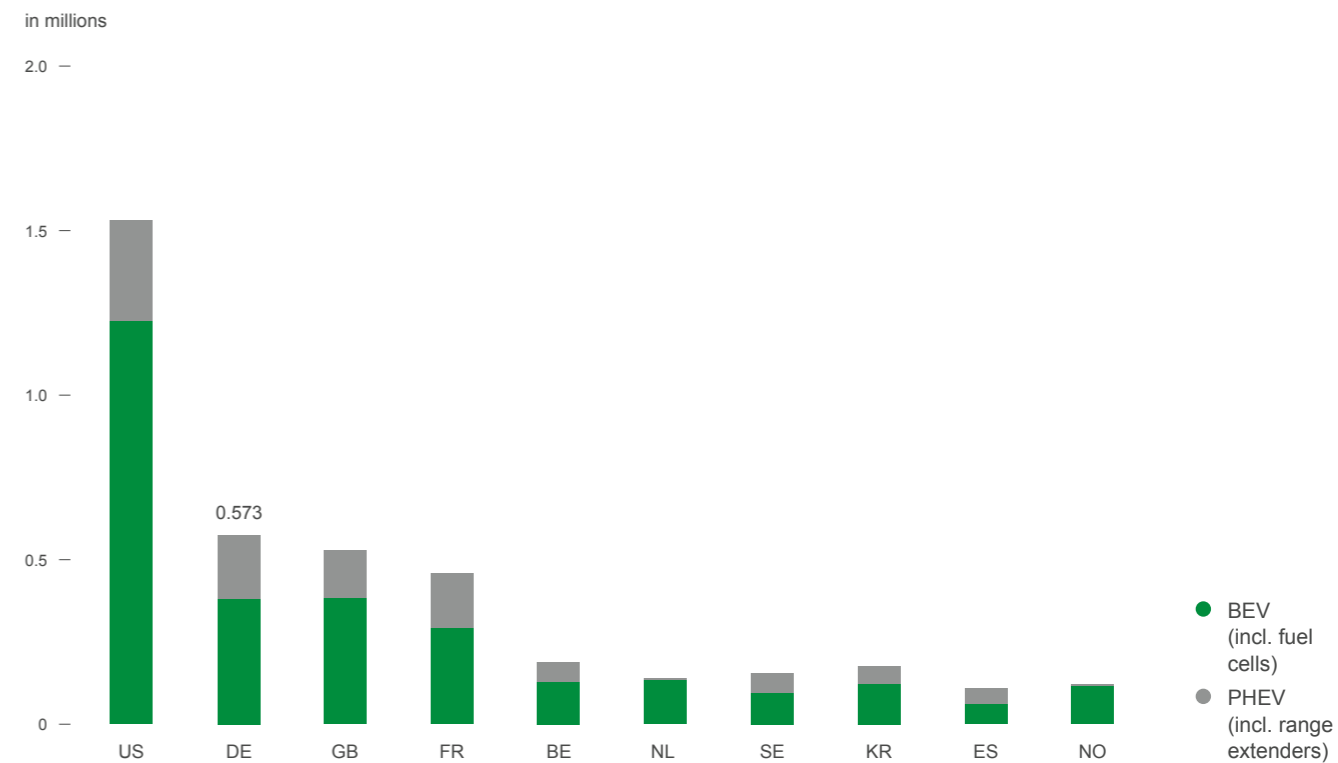
Globally, about **60 percent** of all electric cars are newly registered in China

Proportion of e-cars in major global car markets



Source: S&P Global Mobility, KBA, Wards Intelligence, Fourin

Top 10 largest e-car markets worldwide in 2024 (without China)

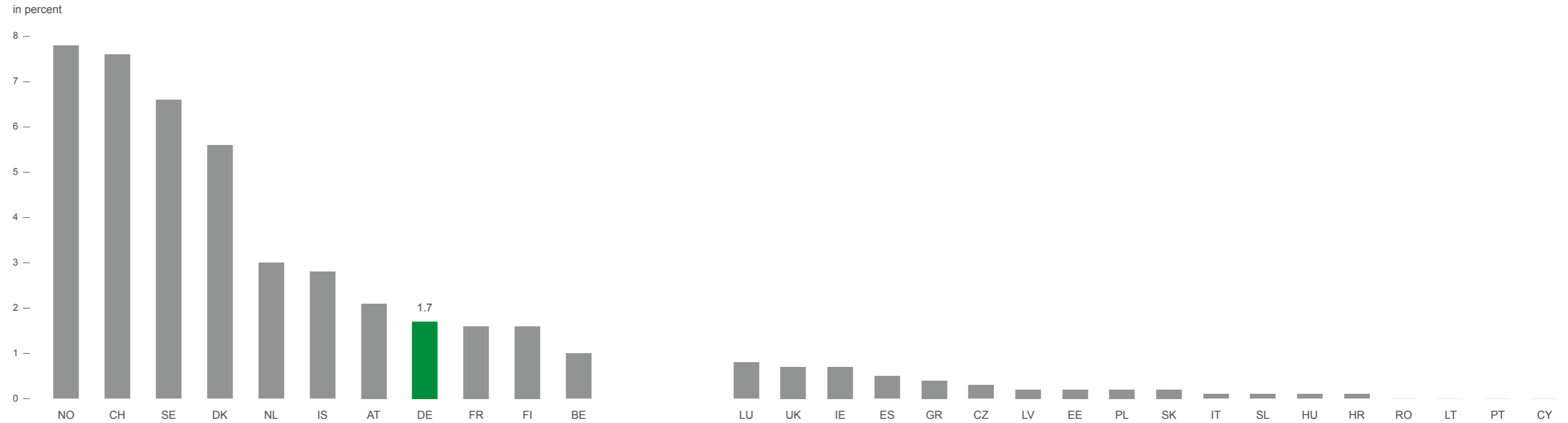


Source: S&P Global Mobility, KBA, Wards Intelligence, Fourin

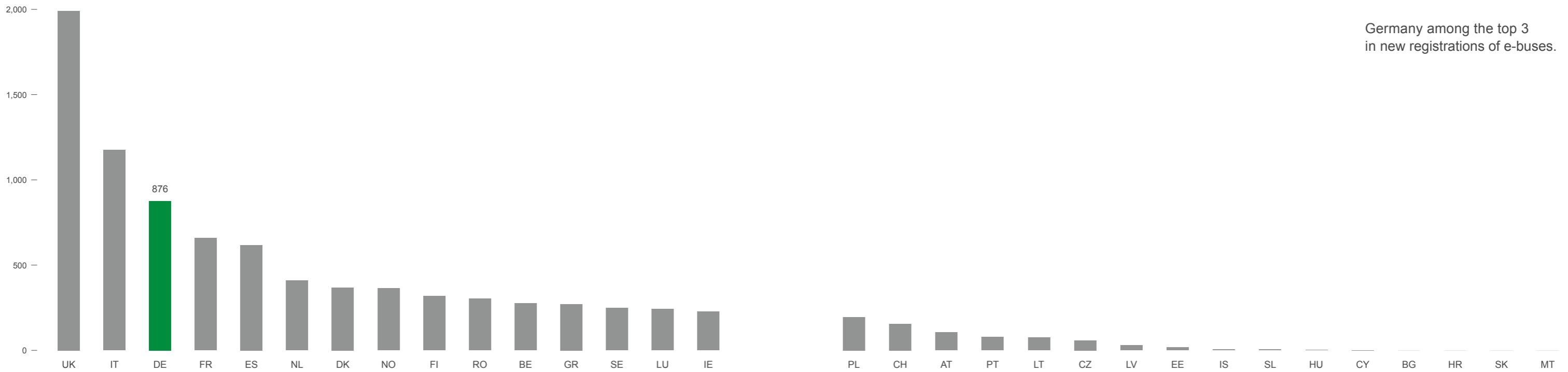


Electromobility
in commercial
vehicles: **highly
dynamic—low
level**

Proportion of new registrations of e-cars over 16t in Europe in 2024

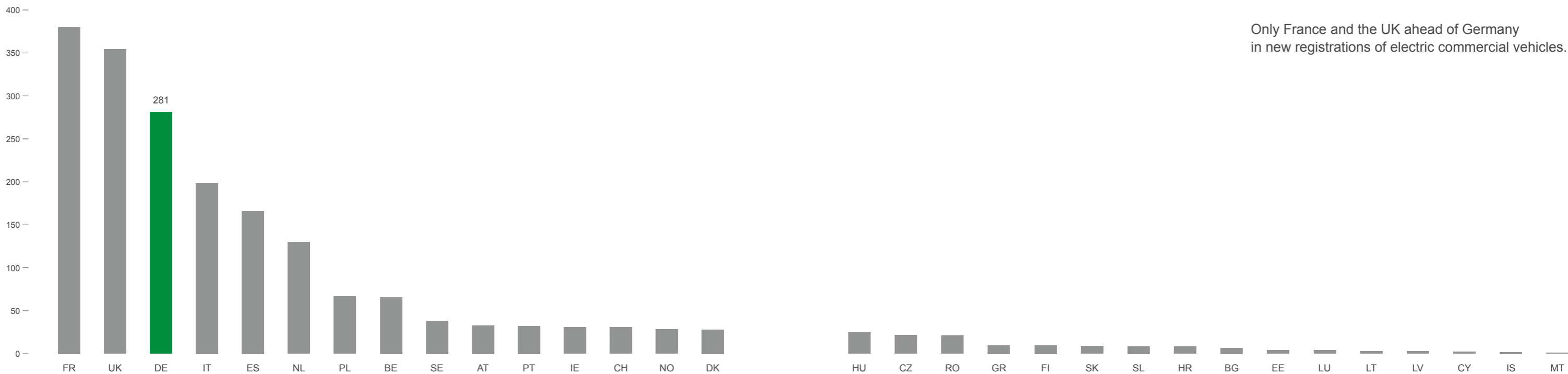


New registrations of e-buses in Europe in 2024



New registrations of e-commercial vehicles up to 3.5t in Europe in 2024

in thousands

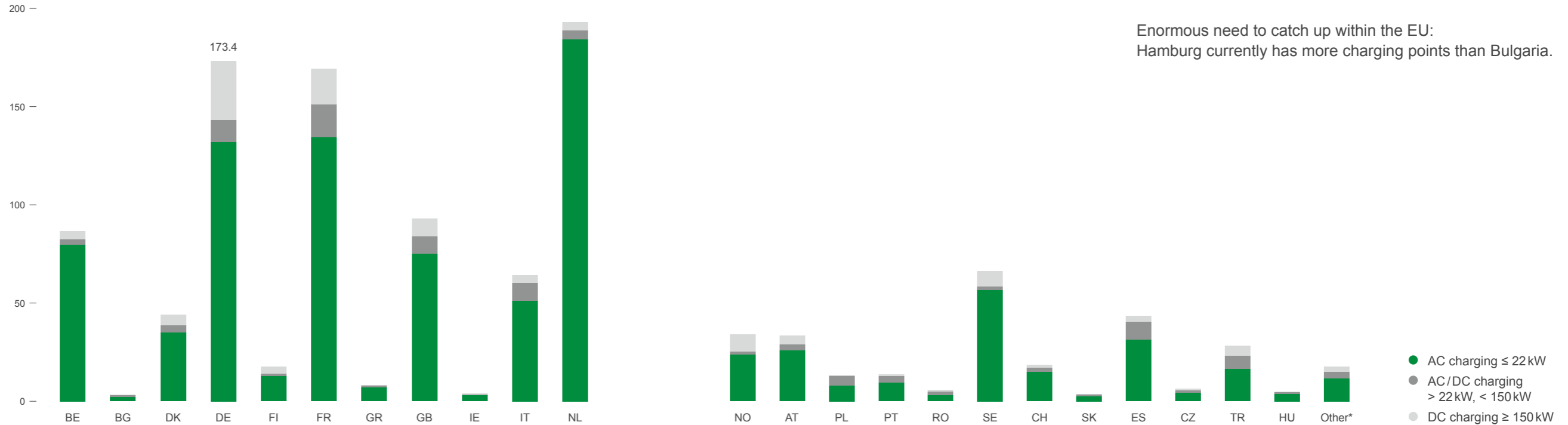




Public charging stations in Europe concentrated in a few countries

Number of public charging stations in Europe, May 2025

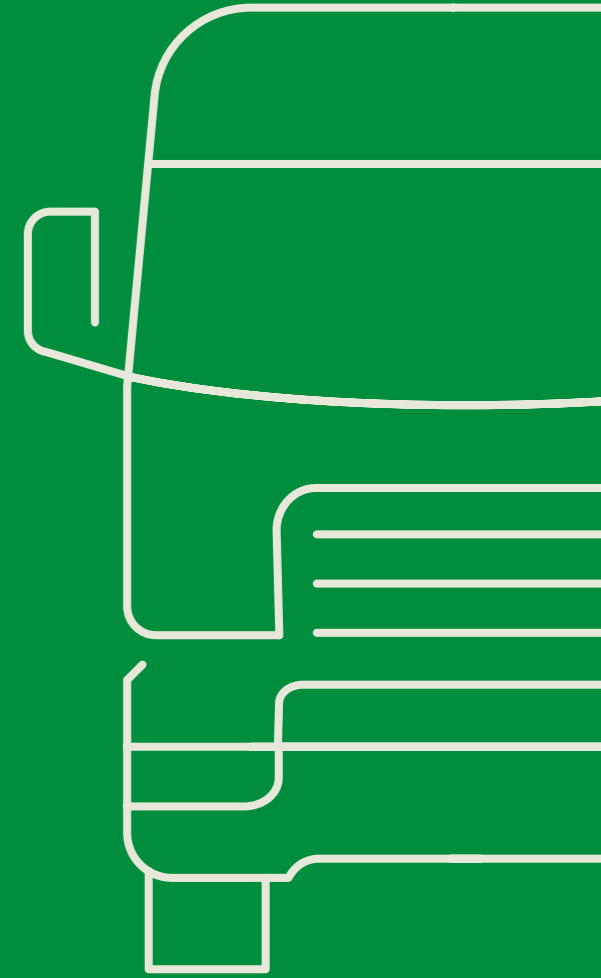
in thousands



*Luxembourg, Slovenia, Iceland, Lithuania, Croatia, Latvia, Estonia, Cyprus, Malta, Liechtenstein

Source: EAFO

Stock and density



Over 1.7 billion vehicles
on the world's roads



Vehicle density:
In Germany,
there are 636
vehicles per
1,000 inhabitants

Number of registered vehicles in Europe ¹⁾

	Cars		Stock	No. of vehicles/1,000 inhabitants		
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Belgium	6,089,564	1,058,821	7,148,385	518.6	90.2	608.7
Bulgaria ²⁾	3,006,215	505,093	3,511,308	466.4	78.4	544.8
Denmark	2,864,904	403,319	3,268,223	480.6	67.7	548.3
Germany	49,339,166	4,496,626	53,835,792	582.4	53.1	635.5
Estonia	869,666	153,203	1,022,869	634.3	111.7	746.1
Finland	3,782,427	740,694	4,523,121	675.0	132.2	807.1
France ²⁾	39,528,632	7,200,600	46,729,232	579.2	105.5	684.7
Greece	6,027,946	1,463,863	7,491,809	579.6	140.7	720.3
Ireland	2,449,499	420,794	2,870,293	459.5	78.9	538.4
Italy	41,340,516	5,732,300	47,072,816	701.0	97.2	798.2
Croatia	1,987,156	259,304	2,246,460	515.3	67.2	582.6
Latvia	788,075	105,619	893,694	421.0	56.4	477.4

1) As of: 12/31/2024 2) As of: 12/31/2023 6) Not documented, if identifiable: tractor stock

	Cars		Stock	No. of vehicles/1,000 inhabitants		
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Lithuania	1,729,713	129,039	1,858,752	598.1	44.6	642.7
Luxembourg	457,372	56,417	513,789	680.6	84.0	764.6
Malta	330,484	63,533	394,017	597.6	114.9	712.5
Netherlands	9,621,272	1,245,179	10,866,451	536.2	69.4	605.6
Austria	5,231,893	602,636	5,834,529	571.2	65.8	637.0
Poland ²⁾	27,227,691	4,504,531	31,732,222	740.8	122.6	863.4
Portugal ²⁾	5,847,610	1,393,104	7,240,714	552.8	131.7	684.5
Romania	8,449,781	1,419,475	9,869,256	446.0	74.9	521.0
Sweden	4,977,791	717,486	5,695,277	470.1	67.8	537.9
Slovakia ²⁾	2,644,361	353,219	2,997,580	487.1	65.1	552.1
Slovenia	1,266,663	137,234	1,403,897	596.4	64.6	661.0
Spain	26,469,462	4,832,419	31,301,881	539.3	98.5	637.8

Source: Statistical offices and associations

Number of registered vehicles in Europe ¹⁾

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Czechia ²⁾	6,512,774	796,987	7,309,761	600.2	73.4	673.6
Hungary	4,263,067	702,815	4,965,882	444.8	73.3	518.1
Cyprus ²⁾	647,327	130,572	777,899	699.1	141.0	840.1
European Union	263,751,027	39,624,882	303,375,909	585.3	87.9	673.3
Albania ²⁾	699,337	96,978	796,315	254.3	35.3	289.6
Andorra	68,198	6,839	75,037	783.9	78.6	862.5
Belarus	3,222,420	423,456	3,645,876	352.9	46.4	399.2
Bosnia und Herzegovina	1,094,241	99,236	1,193,477	315.9	28.6	344.5
Iceland	249,032	38,773	287,805	648.5	101.0	749.5
Kosovo ²⁾	368,818	79,440	448,258	229.9	49.5	279.5
Liechtenstein	31,333	4,377	35,710	766.1	107.0	873.1

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁵⁾	Total	Cars	Com. veh. ⁵⁾	Total
North Macedonia ²⁾	552,934	55,281	608,215	302.5	30.2	332.7
Moldova ²⁾	788,506	219,401	1,007,907	316.4	88.0	404.5
Monaco	34,916	5,356	40,272	908.7	139.4	1,048.1
Norway	2,889,023	595,840	3,484,863	517.3	106.7	624.0
Russian Federation ²⁾	51,554,000	6,932,000	58,486,000	352.9	47.5	400.4
Switzerland	4,796,090	617,378	5,413,468	535.2	68.9	604.0
Serbia	2,476,419	319,474	2,795,893	376.6	48.6	425.2
Türkiye	16,232,458	6,439,637	22,672,095	189.8	75.3	265.1
Ukraine ⁵⁾	6,900,000	1,550,000	8,450,000	166.6	37.4	204.0
United Kingdom	36,165,401	5,798,867	41,964,268	522.4	83.8	606.2
Europe total	391,874,153	62,907,215	454,781,368	468.9	75.3	544.1

Number of registered vehicles in Africa ¹⁾

	Cars	Com. veh. ⁶⁾	Stock	No. of vehicles / 1,000 inhabitants		
			Total	Cars	Com. veh. ⁶⁾	Total
Egypt ²⁾	5,639,320	1,461,260	7,100,580	53.6	13.9	67.5
Algeria ⁵⁾	4,245,000	1,995,000	6,240,000	96.8	45.5	142.3
Botswana	424,142	176,226	600,368	155.9	64.8	220.7
Burkina Faso ²⁾	386,577	160,334	546,911	16.6	6.9	23.5
Kenya ^{2)*}	1,398,017	708,444	2,106,461	27.1	13.7	40.9
Libya ⁵⁾	2,564,000	696,000	3,260,000	385.9	104.8	490.7
Morocco ⁵⁾	2,950,000	1,170,000	4,120,000	82.1	32.5	114.6
Mauritius	335,398	116,499	451,897	266.6	92.6	359.2

	Cars	Com. veh. ⁶⁾	Stock	No. of vehicles / 1,000 inhabitants		
			Total	Cars	Com. veh. ⁶⁾	Total
Mozambique ^{1) 2)}	872,340	257,144	1,129,484	25.7	7.6	33.3
Niger ³⁾	308,513	82,189	390,702	11.8	3.2	15.0
Nigeria ⁵⁾	4,819,000	6,786,000	11,605,000	23.4	32.9	56.3
Rwanda ²⁾	92,805	50,090	142,895	7.0	3.8	10.8
Seychelles ²⁾	21,330	4,990	26,320	215.5	50.4	265.9
South Africa	7,949,275	3,545,079	11,494,354	125.8	56.1	181.9
Africa—other	8,429,100	6,152,900	14,582,000	13.4	9.8	23.2
Africa total	40,434,817	23,362,155	63,796,972	32.5	18.8	51.4

1) As of: 12/31/2024 2) As of: 12/31/2023 3) As of: 12/31/2022 5) As of: 12/31/2021

6) Not documented, if identifiable: tractor stock *) Cars = light vehicles

Source: Statistical offices and associations

Number of registered vehicles in America ¹⁾

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Argentina ¹⁾	13,158,402	756,587	13,914,989	279.2	16.1	295.3
Bermuda ³⁾	23,754	4,574	28,328	371.2	71.5	442.6
Bolivia ¹⁾	687,121	367,738	1,054,859	55.9	29.9	85.8
Brazil ¹⁾	46,183,603	2,521,928	48,705,531	217.2	11.9	229.1
Chile ¹⁾²⁾	5,510,344	601,599	6,111,943	276.1	30.1	306.2
Costa Rica ¹⁾³⁾	1,311,841	62,832	1,374,673	248.5	11.9	260.5
Ecuador ¹⁾²⁾	1,928,832	223,251	2,152,083	108.1	12.5	120.7
Guam ²⁾	78,118	27,882	106,000	467.8	167.0	634.7
Guatemala ¹⁾²⁾	1,645,165	1,125,072	2,770,237	93.5	63.9	157.4
Canada ¹⁾²⁾	23,616,690	1,322,926	24,939,616	590.9	33.1	624.0
Columbia ¹⁾	6,533,606	429,205	6,962,811	125.1	8.2	133.3

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Mexico ¹⁾²⁾	38,039,898	12,374,909	50,414,807	290.1	94.4	384.4
Nicaragua ¹⁾³⁾	397,602	37,954	435,556	58.1	5.5	63.6
Panama ⁵⁾	641,638	207,844	849,482	150.0	48.6	198.5
Paraguay ¹⁾²⁾	1,023,314	105,209	1,128,523	150.4	15.5	165.9
Peru ¹⁾²⁾	2,937,346	344,017	3,281,363	86.2	10.1	96.3
Uruguay ¹⁾	1,053,993	74,449	1,128,442	300.6	21.2	321.9
Venezuela ⁵⁾	3,300,000	934,000	4,234,000	118.1	33.4	151.5
United States of America ¹⁾	295,777,781	8,935,319	304,713,100	877.6	26.5	904.2
Americas—other	7,078,100	2,054,320	9,132,420	93.0	27.0	120.0
America total	450,927,148	32,511,615	483,438,763	428.3	30.9	459.2

1) As of: 12/31/2024 2) As of: 12/31/2023 3) As of: 12/31/2022 5) As of: 12/31/2021

6) Not documented, if identifiable: tractor stock *) Cars = light vehicles

Source: Statistical offices and associations

Number of registered vehicles in Asia ¹⁾

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Afghanistan ²⁾	1,540,512	446,724	1,987,236	36.5	10.6	47.1
Azerbaijan ²⁾	1,501,957	209,082	1,711,039	148.3	20.6	169.0
Bangladesch ²⁾	649,111	498,425	1,147,536	3.8	2.9	6.7
Bahrain ²⁾	632,665	60,069	692,734	391.3	37.1	428.4
Bhutan ²⁾	90,030	15,466	105,496	114.0	19.6	133.5
Brunei ²⁾	297,464	17,105	314,569	655.2	37.7	692.9
China	193,430,000	152,310,000	345,740,000	137.4	108.2	245.5
Georgia ²⁾	1,438,700	172,100	1,610,800	385.1	46.1	431.2
Hong Kong	595,774	130,605	726,379	79.1	17.3	96.4
India ³⁾	49,051,000	17,635,000	66,686,000	34.3	12.3	46.7
Indonesia ³⁾	17,168,862	5,787,623	22,956,485	61.6	20.8	82.4
Israel	3,693,475	346,102	4,039,577	370.4	34.7	405.1

1) As of: 12/31/2024 2) As of: 12/31/2023 3) As of: 12/31/2022 4) As of: 12/31/2021

5) As of: 12/31/2021 6) Not documented, if identifiable: tractor stock

	Stock		No. of vehicles/1,000 inhabitants			
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Iran ⁵⁾	13,958,000	2,005,000	15,963,000	166.1	23.9	189.9
Iraq ⁵⁾	1,868,000	2,847,000	4,715,000	46.5	70.9	117.4
Japan ²⁾	62,320,166	14,637,431	76,957,597	500.6	117.6	618.2
Kazakhstan	5,060,100	683,400	5,743,500	269.8	36.4	306.2
Kuwait ²⁾	2,043,071	391,692	2,434,763	415.8	79.7	495.6
Laos ³⁾	627,165	152,774	779,939	83.9	20.4	104.3
Malaysia ³⁾	16,121,997	1,347,466	17,469,463	493.8	41.3	535.0
Mongolia	896,309	293,244	1,189,553	255.7	83.7	339.4
Myanmar ⁴⁾	720,029	456,396	1,176,425	13.2	8.4	21.6
Oman ³⁾	1,356,784	239,792	1,596,576	262.6	46.4	309.1
Pakistan ⁵⁾	4,005,078	548,869	4,553,947	18.4	2.5	20.9
Palestinian Territories ³⁾	378,321	48,072	426,393	70.6	9.0	79.6

Source: Statistical offices and associations

Number of registered vehicles in Asia ¹⁾

	Stock			No. of vehicles/1,000 inhabitants		
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
Philippines ³⁾	4,605,031	442,407	5,047,438	41.1	4.0	45.1
Singapore	673,456	185,755	859,211	111.6	30.8	142.3
Sri Lanka ²⁾	903,685	496,022	1,399,707	39.9	21.9	61.8
South Korea	21,771,120	4,526,799	26,297,919	420.7	87.5	508.2
Syria ⁵⁾	6,804,000	3,006,000	9,810,000	259.1	114.5	373.5
Taiwan	7,420,160	1,185,833	8,605,993	317.1	50.7	367.8
Thailand ²⁾	12,378,480	9,130,245	21,508,725	176.4	130.1	306.5
Uzbekistan ⁴⁾	3,051,734	15,800	3,067,534	86.5	0.4	87.0
United Arab Emirates ⁵⁾	2,969,000	213,000	3,182,000	319.6	22.9	342.6
Vietnam ⁵⁾	4,512,000	273,000	4,785,000	46.2	2.8	49.0
Asia—other	15,686,300	8,364,500	24,050,800	152.4	81.3	233.7
Asia total	460,219,536	229,118,798	689,338,334	101.8	50.7	152.5

1) As of: 12/31/2024 2) As of: 12/31/2023 3) As of: 12/31/2022 4) As of: 12/31/2021

5) As of: 12/31/2021 6) Not documented, if identifiable: tractor stock

Source: Statistical offices and associations

Number of registered vehicles in Australia and Oceania ¹⁾

	Stock			No. of vehicles/1,000 inhabitants		
	Cars	Com. veh. ⁶⁾	Total	Cars	Com. veh. ⁶⁾	Total
American Samoa ³⁾	10,649	668	11,317	51.4	3.2	54.7
Australia ²⁾	19,776,217	990,463	20,766,680	733.8	36.8	770.5
Fiji ⁴⁾	113,588	23,983	137,571	124.5	26.3	150.8
Micronesia ⁵⁾	9,292	1,272	10,564	95.8	13.1	108.9
New Zealand	3,649,294	984,221	4,633,515	684.0	184.5	868.5
Australia and Oceania—other	82,872	64,327	147,199	281.9	218.8	500.7
Australia and Oceania total	23,641,912	2,064,934	25,706,846	699.5	61.1	760.6

1) As of: 12/31/2024 2) As of: 12/31/2023 3) As of: 12/31/2022 4) As of: 12/31/2021

5) As of: 12/31/2021 6) Not documented, if identifiable: tractor stock

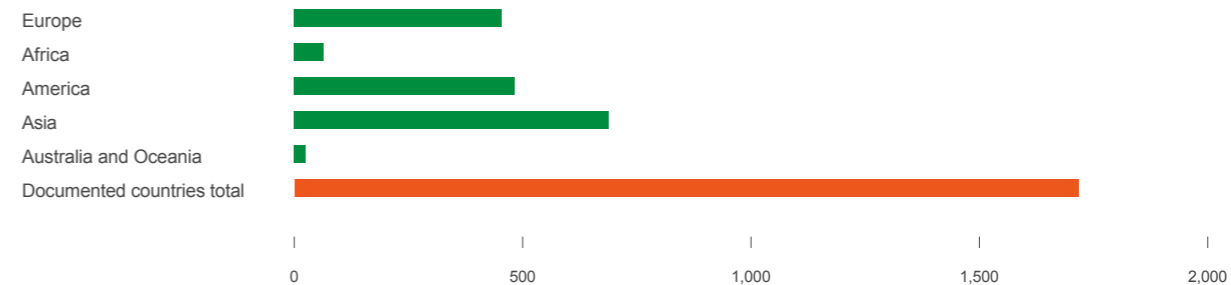
Source: Statistical offices and associations

Number of registered vehicles by country

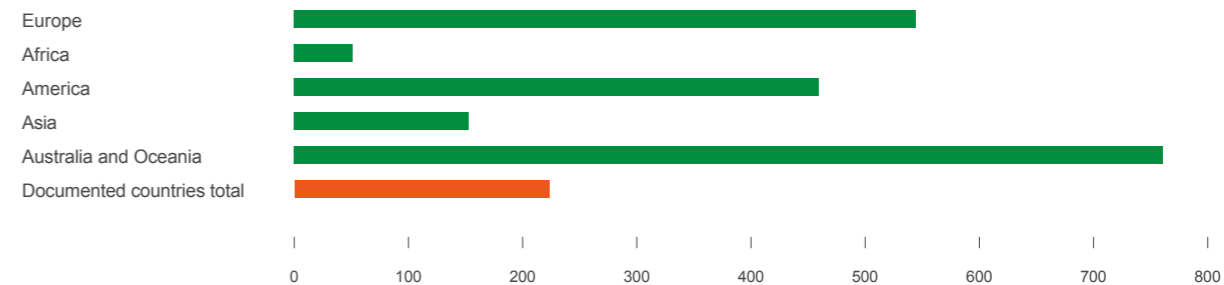
	Cars	Com. veh. ⁶⁾	Stock	No. of vehicles/1,000 inhabitants		
			Total	Cars	Com. veh. ⁶⁾	Total
Europe	391,874,153	62,907,215	454,781,368	468.9	75.3	544.1
Africa	40,434,817	23,362,155	63,796,972	32.5	18.8	51.4
America	450,927,148	32,511,615	483,438,763	428.3	30.9	459.2
Asia	460,219,536	229,118,798	689,338,334	101.8	50.7	152.5
Australia and Oceania	23,641,912	2,064,934	25,706,846	699.5	61.1	760.6
Documented countries total	1,367,097,566	349,964,717	1,717,062,283	177.9	45.5	223.4

6) Not documented, if identifiable: tractor stock

Stock total in millions



No. of vehicles/1,000 inhabitants



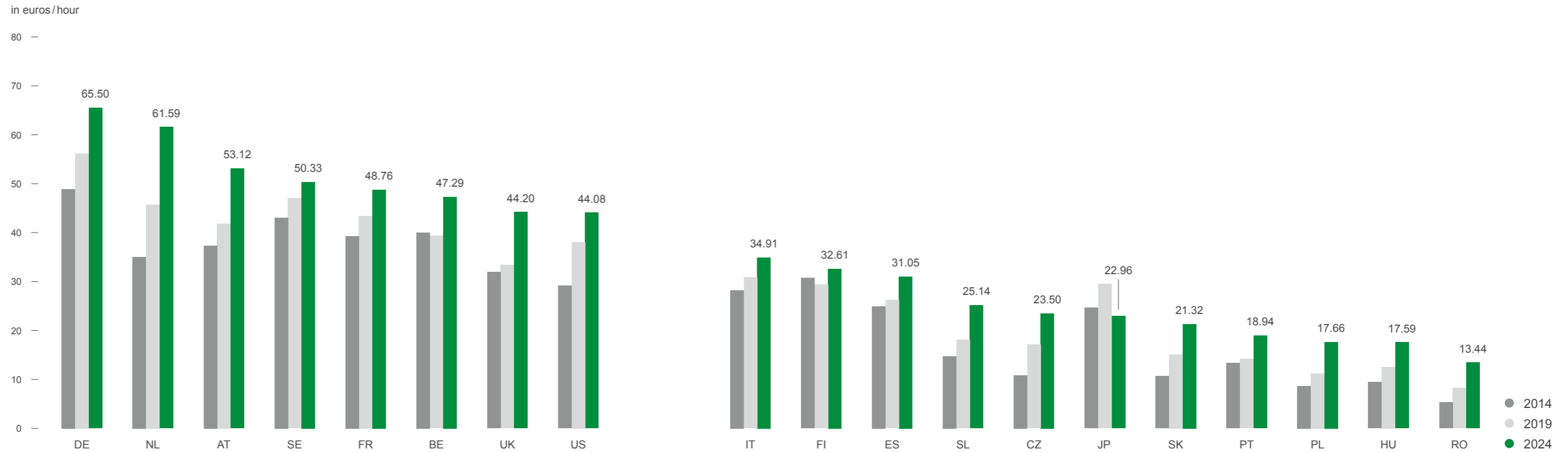
Source: Statistical offices and associations

Competi- tiveness



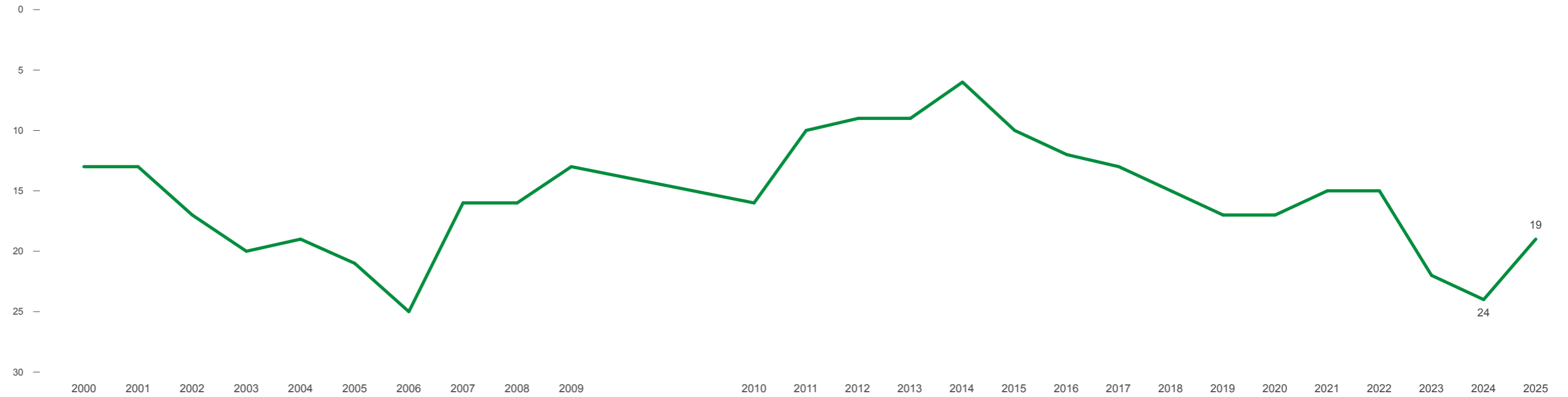
Urgent need to
improve conditions

Labor costs in the automotive industry



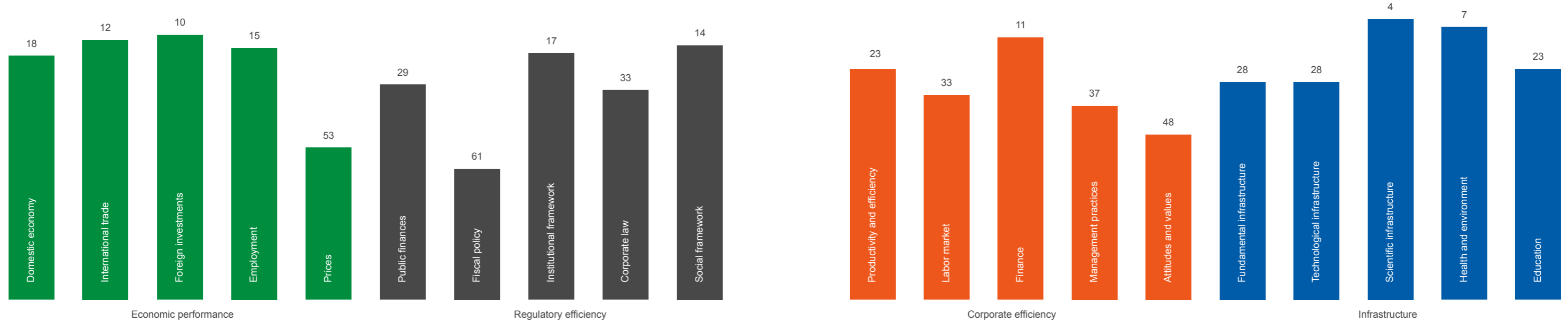
Germany has the
**highest labor
costs worldwide**

Germany's overall place in the IMD World Competitiveness Ranking



Germany lags internationally

Individual indicators of the IMD World Competitiveness Ranking



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The Verband der Automobilindustrie (VDA) unites around 620 manufacturers and suppliers under one association. The members develop and produce passenger cars, trucks, software, trailers and structures, buses, parts, equipment, and an ever-expanding range of mobility services.

As an advocate for the automotive industry, we stand for modern, future-oriented, multi-modal mobility on the path toward climate neutrality, and represent the interests of our members to policymakers, the media, and social groups.

We work for electromobility, climate-neutral engines, implementation of the climate goals, the securing of raw materials, digitalization, networking, and German engineering. In doing so, we are committed to establishing a competitive economic and innovation hub. Our industry creates wealth in Germany: Over 770,000 people are directly employed by the German automotive industry.

VDA organizes the largest international mobility platform IAA MOBILITY, and the world's most important platform for the future of the commercial vehicle industry IAA TRANSPORTATION.

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