Netherlands Enterprise Agency

Electric Vehicles Statistics in the Netherlands

Up to and including December 2021 | Last update: 14 January, 2021

This publication is made by the EV Monitor Team at **Netherlands Enterprise Agency**,
on the authority of the Ministry of Infrastructure and Water Management.

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Due to corrections with retroactive effect and progressive insight, it June occur that numbers on previous months or years in this publication differ from those published before. The most recent version of this overview can be found on the RVO EV Statistics webpage.

Summary of Dutch EV statistics as of 30 September 2021

December 2021

BEV (Battery Electric Vehicle)

- The number of BEV passenger cars in the fleet increased to 243,664 (+19,379 / +8.6 Month-over-Month).
- The number of new sales of BEV passenger cars was 20,264, representing a monthly sales market share of 59.1%.
- BEV passenger car new sales top 3 in this month: Ford Mustang Mach-E, Cupra Born, Volvo XC40.

FCEV (Fuel-Cell Electric Vehicle)

- The number of FCEV passenger cars in the fleet increased to 488 (+26 / +5.6% MoM).

PHEV (Plugin-Hybrid Electric Vehicle)

- The number of PHEV passenger cars in the fleet increased to 137,663 (+1,995 / +1.5% MoM)
- The number of new sales of PHEV passenger cars was 1,948, representing a monthly sales market share of 5.7%.

Charging Points (as EVSEs)

- The total number of regular charging points increased to 82,876, the total number of fast charging points is 2,577

Source: Dutch Road Authority (RDW) and Eco-Movement B.V., edited by Netherlands Enterprise Agency (RVO.nl). **Vehicle fleet:** the cumulative registrations on balance. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, theft, et cetera. **New registrations**: the sales of brand-new vehicles, stock-in-trade excluded. PHEV excludes hybrid electric vehicles (HEV).

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Dutch ambition and realization - electric passenger cars

The table below shows the ambitions of the Dutch government towards zero-emission mobility for passenger cars in terms of new sales of passenger cars.
New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

Ambition	
2020	10% of all new passenger cars sold will have an electric powertrain and a plug[1].
2025	50% of all new passenger cars sold will have an electric powertrain and a plug. At least 30% of these vehicles (15% of the total) will be zero emission (BEV or FCEV)[1].
2030	100% of all new passenger cars sold will be zero emission[2].

Realization: EVs as percentage of new passenger car sales

	All EVs (BEV, FCEV, PHEV)	**Zero-emission (BEV, FCEV)**	**BEV**	**FCEV**	**PHEV**
2015	9.6%	**0.8%**	0.8%	0.0%	8.8%
2016	5.8%	**1.1%**	1.1%	0.0%	4.7%
2017	2.2%	**1.9%**	2.0%	0.0%	0.3%
2018	6.3%	**5.5%**	5.5%	0.0%	0.8%
2019	14.9%	**13.7%**	13.7%	0.03%	1.1%
2020	24.8%	**20.5%**	20.5%	0.04%	4.3%
2021 (whole year)	29.8%	**19.8%**	19.8%	0.04%	9.9%

[1] Source: Green Deal on Electric Transport 2016-2020
[2] Source: Coalition Agreement 2017-2021, p. 43
YtD: Year-to-Date - refers to the period beginning the first day of the current calendar year up to the most recent date of which data is provided in this document.

Fleet: Registered EV passenger cars and buses

The table below shows the amount of registered electric passenger cars (M1) and buses (M2+M3) in the Netherlands over time.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

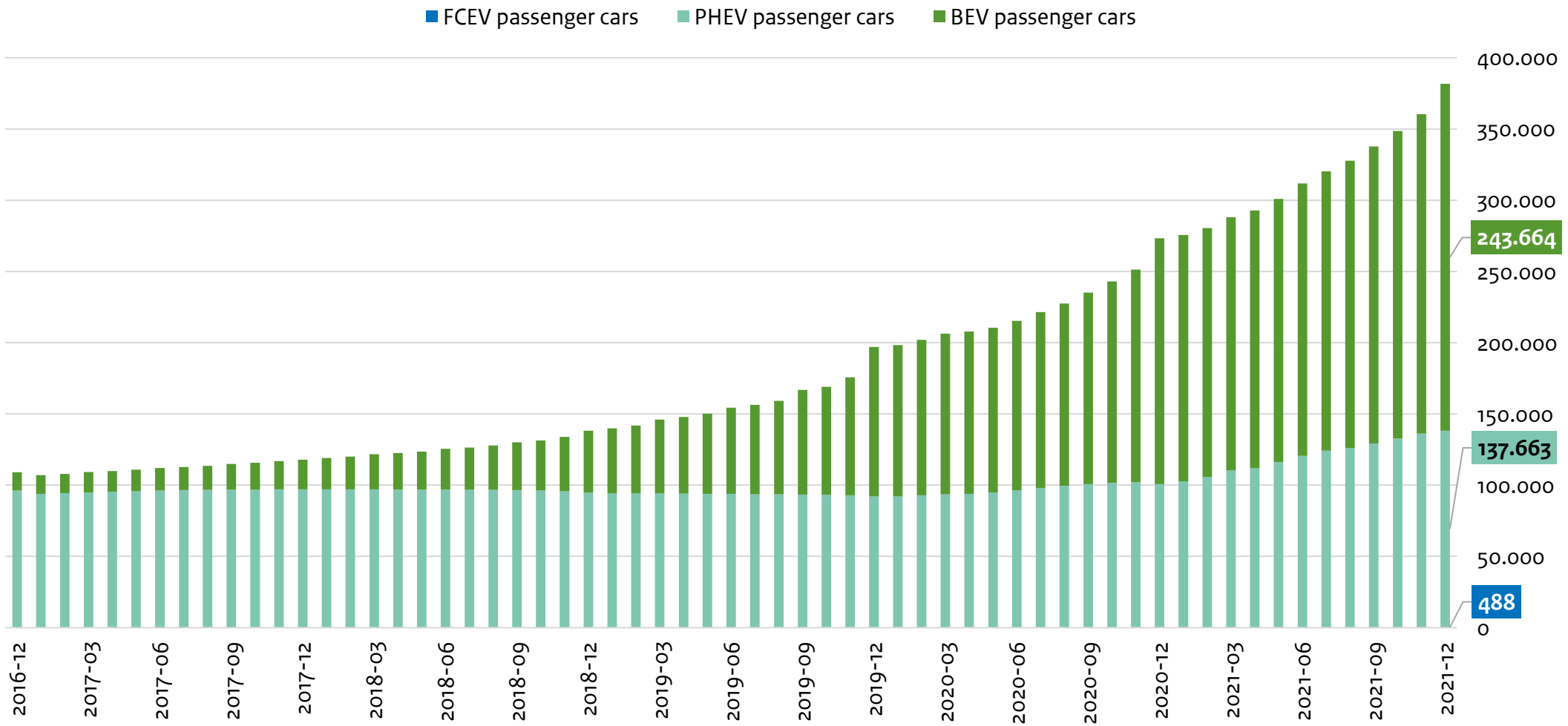
Type of vehicle	Legend	31-12-2016	31-12-2017	31-12-2018	31-12-2019	31-12-2020	31-12-2021
M1: Passenger cars (EV)	Amount in fleet	108,991	117,886	138,273	197,068	273,262	**381,815**
	% of total M1 fleet	1.33%	1.41%	1.63%	2.29%	3.13%	**4.33%**
M1: Passenger cars (BEV)	Amount in fleet	12,802	20,798	43,500	105,008	172,524	**243,664**
	% of total M1 fleet	0.16%	0.25%	0.51%	1.22%	1.98%	**2.76%**
M1: Passenger cars (FCEV)	Amount in fleet	33	41	54	210	367	**488**
	% of total M1 fleet	0.00%	0.00%	0.00%	0.00%	0.00%	**0.01%**
M1: Passenger cars (PHEV)	Amount in fleet	96,156	97,047	94,719	91,850	100,371	**137,663**
	% of total M1 fleet	1.17%	1.16%	1.12%	1.07%	1.15%	**1.56%**
M2+M3: Buses (EV)	Amount in fleet	173	316	421	797	1,218	**1,397**
	% of total M2+M3 fleet	1.71%	3.8%	4.20%	7.82%	12.65%	**15.26%**
M2+M3: Buses (BEV)	Amount in fleet	155	295	400	775	1,206	**1,351**
	% of total M2+M3 fleet	1.53%	2.88%	3.99%	7.60%	12.53%	**14.76%**
M2+M3: Buses (FCEV)	Amount in fleet	4	7	7	8	6	**41**
	% of total M2+M3 fleet	0.04%	0.07%	0.07%	0.08%	0.06%	**0.45%**
M2+M3: Buses (PHEV)	Amount in fleet	14	14	14	14	6	**5**
	% of total M2+M3 fleet	0.14%	0.14%	0.14%	0.14%	0.06%	**0.05%**

Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV). EV includes the sum of BEV, FCEV and PHEV. The electric busses (M2+M3) are mainly BEV and approximately 40 trolleybuses.

Fleet: Registered EV passenger cars

The graph below visualizes the amount of registered EV passenger cars (M1) in the Netherlands over time.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle



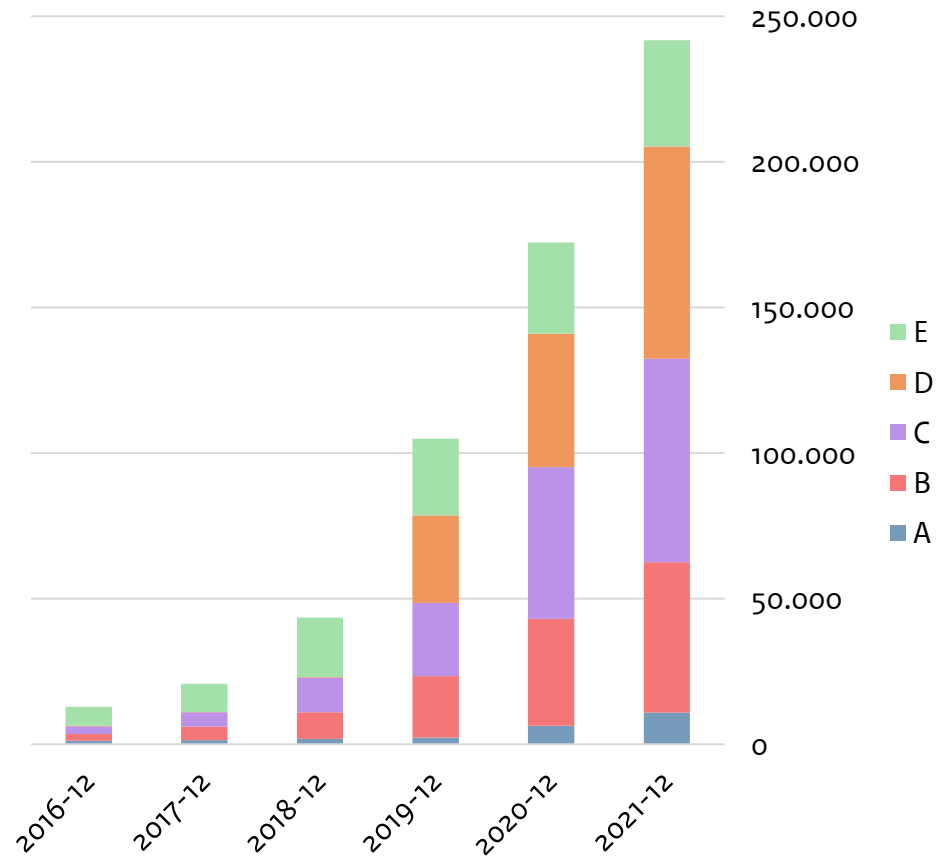
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade cars excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Segments of BEV and PHEV passenger cars

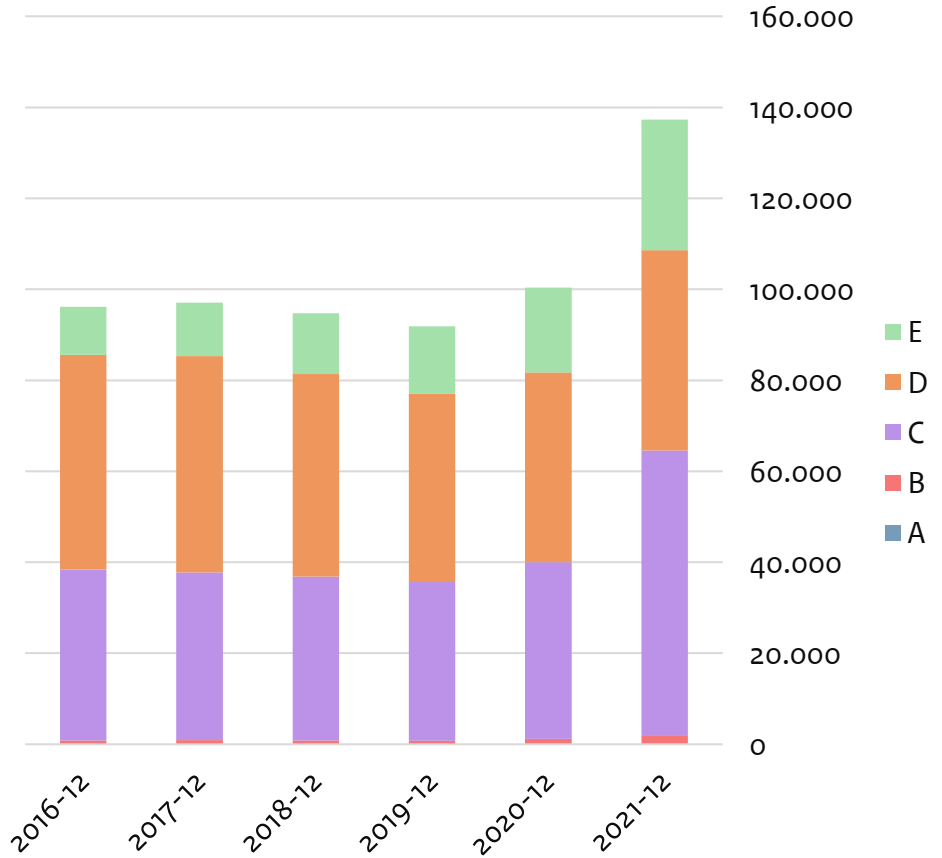
Provided is a visualisation of various segments within the Battery Electric Vehicle (BEV) and Plug-in Hybrid Electric Vehicle (PHEV) passenger car fleet in the Netherlands. **Note**: The Fuel Cell Electric Vehicle (FCEV) models available on the market are segment D.

Segment legend: **A (mini):** city cars | **B (small):** supermini cars | **C (medium):** small family cars | **D (large)**: large family cars | **E (executive):** executive + luxury cars

BEV passenger car fleet per segment



PHEV passenger car fleet per segment



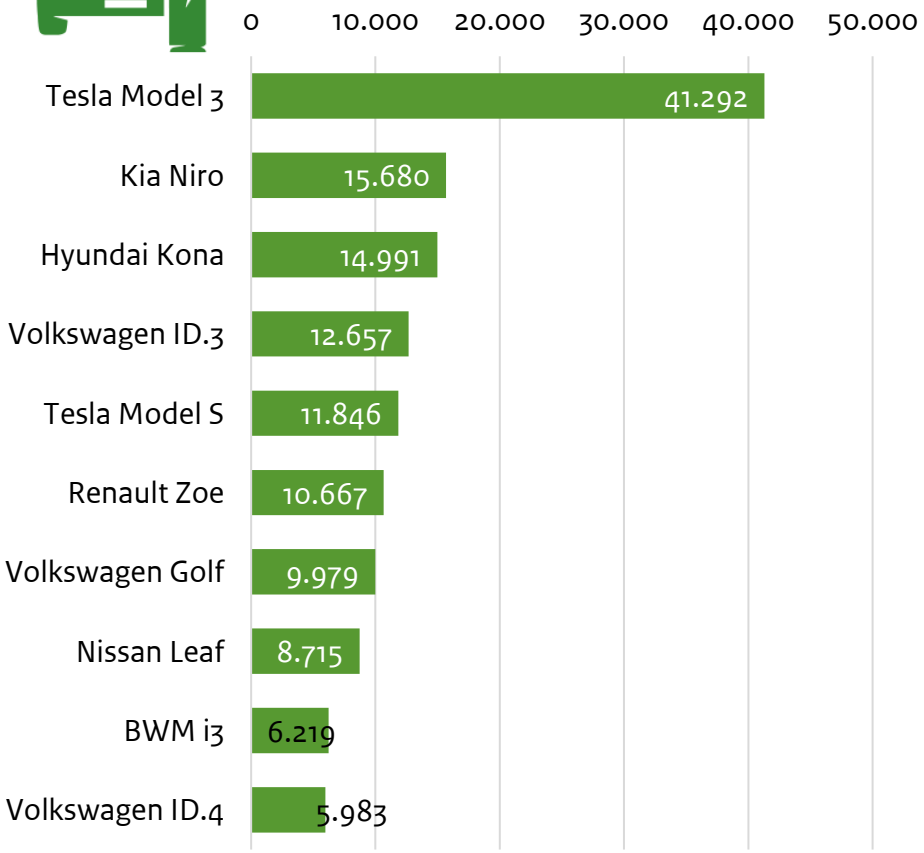
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade cars excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Top 10 BEV and PHEV passenger car models

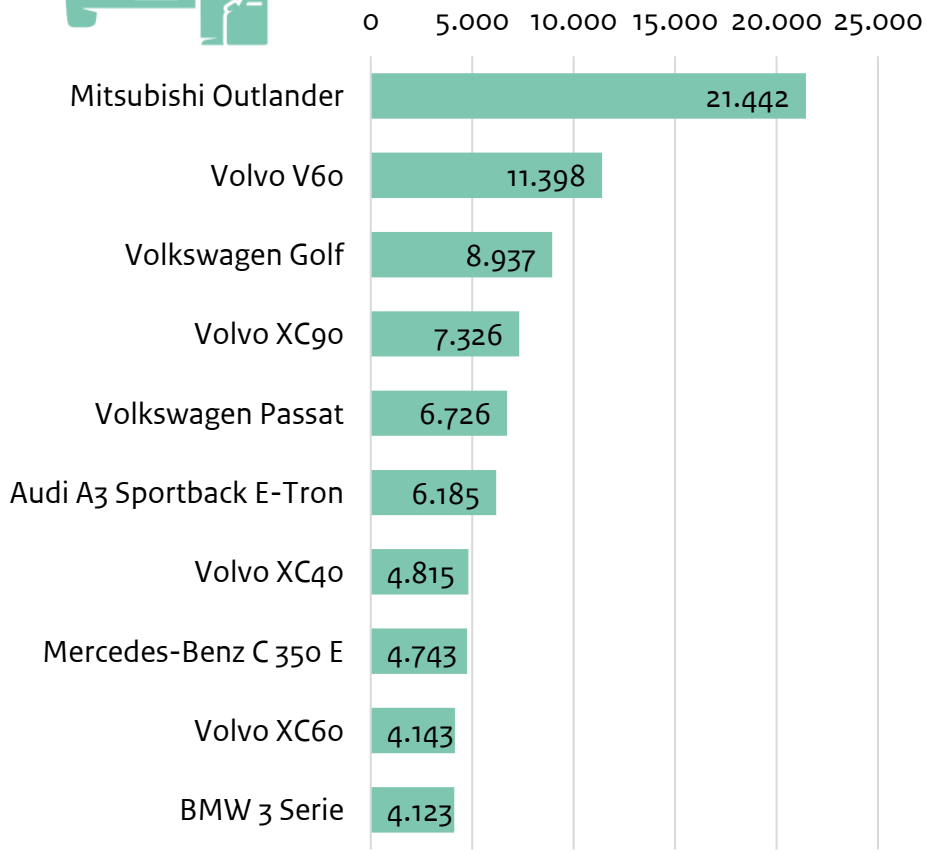
The graphs below visualize the top 10 most common registered EV passenger cars (M1) in the Netherlands as of **31 December 2021**.

BEV = Battery Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

Number of BEV passenger cars in fleet



Number of PHEV passenger cars in fleet

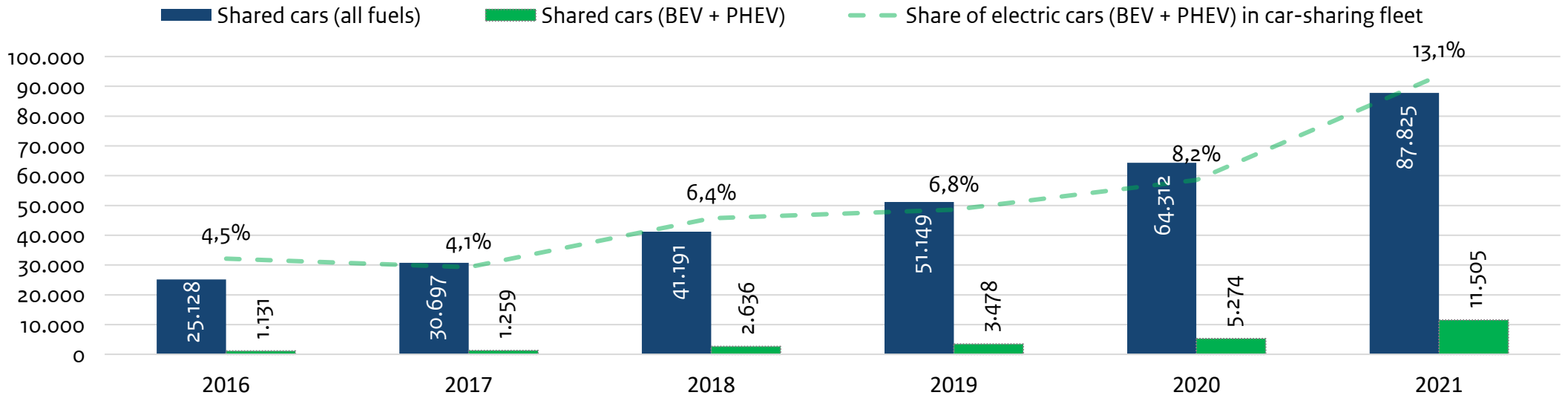


Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade cars excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Number of cars in car sharing fleet

The table and graph below provide information about the state of car sharing in the Netherlands. More details can be found on the website of CROW (in Dutch).

BEV = Battery Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle



	2016	2017	2018	2019	2020	2021
Shared cars (all fuels)	25,128	30,697	41,191	51,149	64,312	87,825
Shared cars (BEV + PHEV)	1,131	1,259	2,636	3,478	5,274	11,505
Share of electric cars (BEV + PHEV) in car-sharing fleet	4.5%	4.1%	6.4%	6.8%	8.2%	13.1%
Share of battery electric cars (BEV) in car-sharing fleet	n.a.	n.a.	n.a.	n.a.	6.0%	10.1%
Share of plug-in hybrid electric cars (PHEV) in car-sharing fleet	n.a.	n.a.	n.a.	n.a.	2.2%	3%
People sharing cars	n.a.	n.a.	400,000	515,000	730,000	970,000

Source: CROW (2021), the statistics are updated once a year. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Registered EV commercial vehicles (N1, N2+N3)

The table below shows the amount of registered electric commercial vans (N1) and trucks (N2+N3) in the Netherlands over time.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

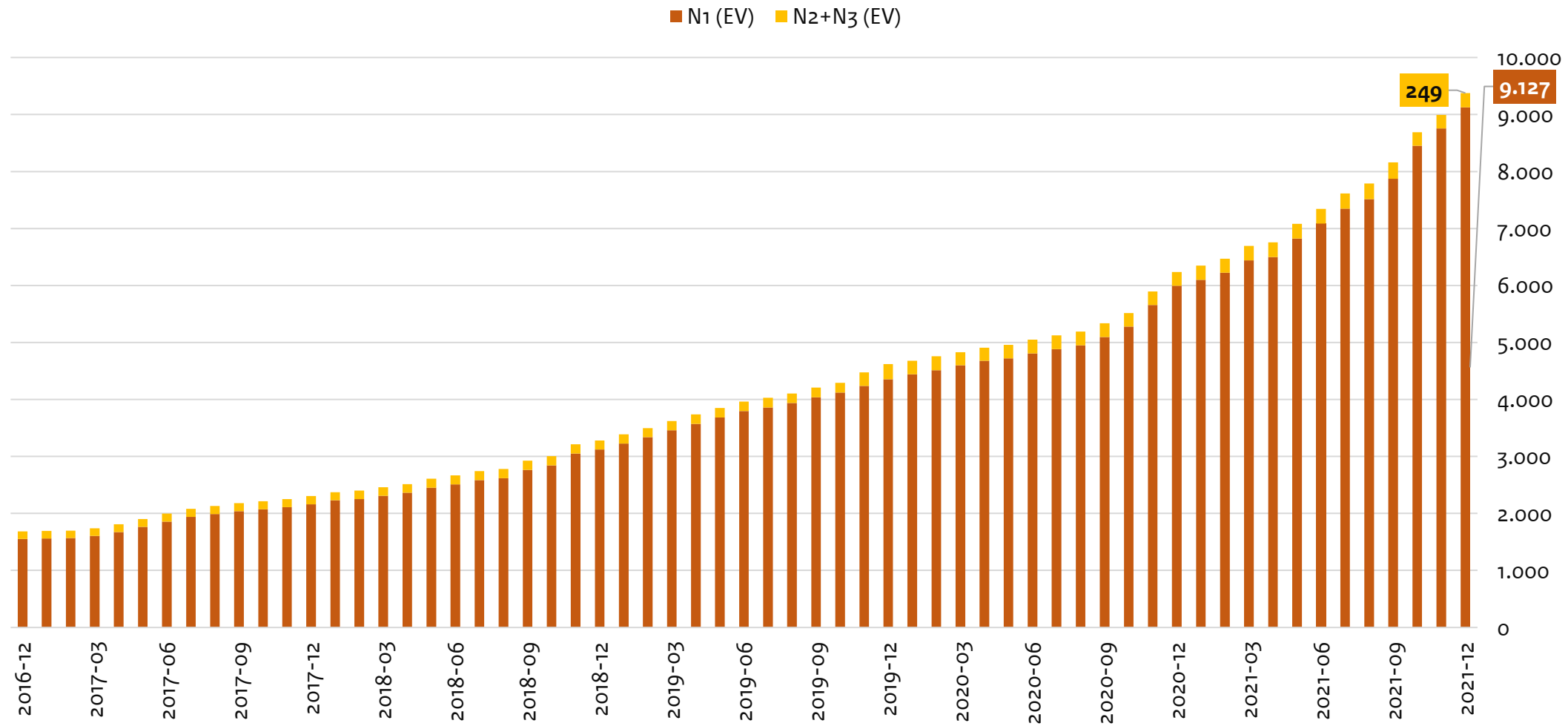
Type of vehicle	Legend	31-12-2016	31-12-2017	31-12-2018	31-12-2019	31-12-2020	31-12-2021
N1: Commercial Vans ≤ 3.5 tons (EV)	Amount in fleet	1,552	2,161	3,120	4,355	5,996	**9,127**
	% of total N1 fleet	0.17%	0.23%	0.32%	0.44%	0.59%	**0.87%**
N1: Commercial Vans ≤ 3.5 tons (BEV)	Amount in fleet	1,546	2,156	3,113	4,343	5,938	**9,035**
	% of total N1 fleet	0.17%	0.23%	0.32%	0.44%	0.59%	**0,86%**
N1: Commercial Vans ≤ 3.5 tons (FCEV)	Amount in fleet	5	4	6	6	13	**15**
	% of total N1 fleet	0.00%	0.00%	0.00%	0.00%	0.00%	**0.00%**
N1: Commercial Vans ≤ 3.5 tons (PHEV)	Amount in fleet	1	1	1	6	45	**77**
	% of total N1 fleet	0.00%	0.00%	0.00%	0.00%	0,00%	**0.01%**
N2+N3: Commercial Trucks > 3.5 tons (EV)	Amount in fleet	134	143	160	265	241	**249**
	% of total N2+N3 fleet	0.08%	0.09%	0.09%	0.15%	0.14%	**0.16%**
N2+N3: Commercial Trucks > 3.5 tons (BEV)	Amount in fleet	91	97	115	220	203	**206**
	% of total N2+N3 fleet	0.06%	0.06%	0.07%	0.13%	0.12%	**0.13%**
N2+N3: Commercial Trucks > 3.5 tons (FCEV)	Amount in fleet	4	6	5	7	9	**14**
	% of total N2+N3 fleet	0.00%	0.00%	0.00%	0.01%	0.01%	**0.01%**
N2+N3: Commercial Trucks > 3.5 tons (PHEV)	Amount in fleet	39	40	40	38	29	**29**
	% of total N2+N3 fleet	0.02%	0.02%	0.02%	0.02%	0.02%	**0.02%**

Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV). EV includes the sum of BEV, FCEV and PHEV.

Fleet: Registered EV commercial vehicles (N1, N2+N3)

The graph below visualizes the number of registered EV commercial vans (N1) and trucks (N2+N3) in the Netherlands over time.

EV includes the sum of BEV, FCEV and PHEV. BEV = Battery Electric Vehicle, FCEV = Fuel Cell Electric Vehicle, PHEV = Plug-in Hybrid Electric Vehicle.



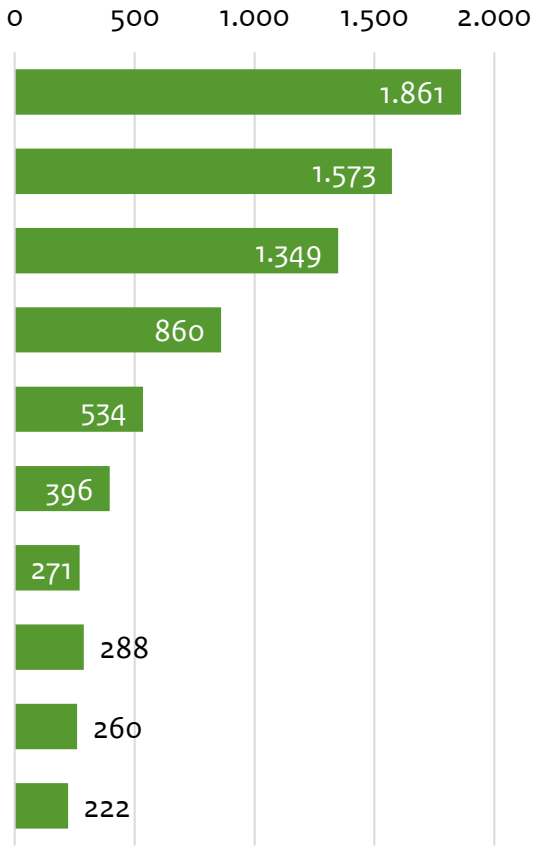
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade cars excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Top 10 BEV and PHEV commercial vehicles ≤ 3.5 tons (N1)

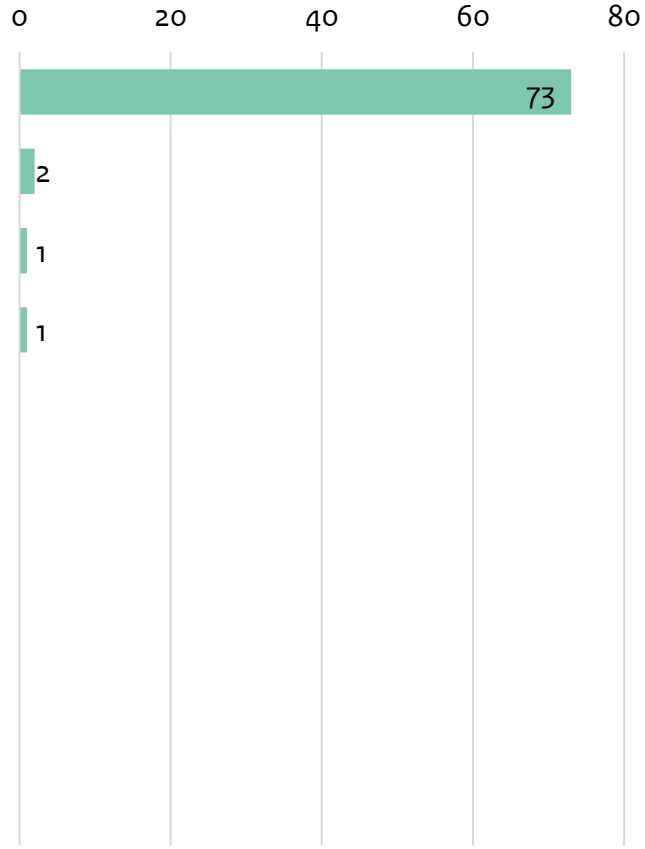
The graphs below visualize the top 10 most common registered EV passenger cars (M1) in the Netherlands as of **31 December 2021**.

BEV = Battery Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

Number of BEV N1 vehicles in fleet



Number of PHEV N1 vehicles in fleet



Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade cars excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to car owners. Decrease is due to export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Fleet: Registered light electric vehicles (LEVs)

The table below shows the amount of registered light electric vehicles (LEVs) in the Netherlands over time.

BEV = Battery Electric Vehicle

Type of vehicle	Legend	31-12-2016	31-12-2017	31-12-2018	31-12-2019	31-12-2020	31-12-2021
L1-L5: 2 and 3 wheeled LEVs (BEV)	Amount in fleet	34,232	38,841	45,976	57,582	78,431	**106,114**
Speed Pedelec ≤ 45km/h (BEV)	Amount in fleet	9,180	12,626	15,512	19,007	23,181	**26,791**
	% of vehicle type total	100%	100%	100%	100%	100%	**99,97%**
Light moped ≤ 25 km/h (BEV)	Amount in fleet	21,302	21,885	24,904	30,186	42,816	**58,971**
	% of vehicle type total	3.18%	3.11%	3.40%	4.03%	5.44%	**7.28%**
Light moped ≤ 45 km/h (BEV)	Amount in fleet	3,322	3,763	4,838	7,542	11,415	**19,163**
	% of vehicle type total	0.72%	0.82%	1.06%	1.65%	2.47%	**4.06%**
Motorbike (BEV)	Amount in fleet	286	417	566	693	895	**1,063**
	% of vehicle type total	0.04%	0.06%	0.08%	0.10%	0,12%	**0.14%**
Trike / Three-wheeler (BEV)	Amount in fleet	142	150	156	154	124	**126**
	% of vehicle type total	1.67%	1.54%	1.45%	1.29%	0.93%	**0.86%**
L6-L7: 4 wheeled LEVs (BEV)	Amount in fleet	1,026	1,210	1,392	1,839	2,833	**3,379**
Quadricycle (BEV)	Amount in fleet	797	922	1,051	1,202	1,277	**1,350**
	% of vehicle type total	4.88%	5.54%	6.22%	7.06%	7.37%	**7.68%**
Microcar ≤ 45 km/h (BEV)	Amount in fleet	229	288	341	637	1,556	**2,029**
	% of vehicle type total	1.07%	1.37%	1.67%	3.13%	7.42%	**9.38%**

Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance. Stock-in-trade vehicles excluded. The increase is due to new registrations, used import and transfers from stock-in-trade to vehicle owners. Decrease is due to export, demolition, theft, et cetera.

Supply: Available BEV passenger car models below €45,000

Provided is an overview of the available* battery electric vehicles (BEV) models below €45,000, the maximum price of a new car eligible for the Dutch BEV subsidy. Older models or variants that are no longer in production are excluded from this list and may be available as a used car. Visit EV database for the full list.

Segment legend: **A (mini):** city cars | **B (small):** supermini cars | **C (medium)**: small family cars

Segment	BEV model	Real Range	Price from
A	Dacia Spring Electric	140 - 195 km	€ 17,890
A	Renault Twingo Electric	110 - 155 km	€ 20,690
A	Smart EQ fortwo coupe	85 - 115 km	€ 23,995
B	Fiat 500e Berlina 24 kWh	115 - 160 km	€ 24,900
A	Volkswagen e-Up!	175 - 240 km	€ 25,850
A	Smart EQ fortwo cabrio	80 - 110 km	€ 26,995
B	Fiat 500e Berlina 42 kWh	195 - 270 km	€ 28,600
C	Sono Sion	220 - 300 km	€ 29,000
B	Peugeot e-208	240 - 330 km	€ 29,850
B	Opel Corsa-e	240 - 330 km	€ 30,599
B	Fiat 500e 3+1	195 - 270 km	€ 30,600
B	Fiat 500e Cabrio	190 - 265 km	€ 31,600
B	MG ZS EV Standard Range	220 - 300 km	€ 31,985
B	JAC iEV7s	190 - 260 km	€ 32,210
C	Volkswagen ID.3 Pure Performance	230 - 315 km	€ 33,490
B	Kia e-Soul 39 kWh	195 - 265 km	€ 33,495
B	Renault Zoe ZE50 R110	265 - 365 km	€ 33,990
C	Mazda MX-30	145 - 195 km	€ 33,990
C	Citroen e-C4	225 - 305 km	€ 33,990
B	Hyundai Kona Electric 39 kWh	210 - 290 km	€ 33,995
B	Opel Mokka-e	215 - 290 km	€ 34,399
B	Peugeot e-2008 SUV	215 - 290 km	€ 34,730
C	Nissan Leaf	190 - 260 km	€ 34,990
B	Renault Zoe ZE50 R135	260 - 355 km	€ 35,590
B	Honda e	140 - 195 km	€ 35,820
B	MG ZS EV Long Range	315 - 425 km	€ 35,985
C	Kia e-Niro 39 kWh	200 - 270 km	€ 35,995
B	Mini Electric	155 - 215 km	€ 36,200

Segment	BEV model	Real Range	Price from
C	Volkswagen ID.3 Pro	295 - 405 km	€ 36,240
B	Kia e-Soul 64 kWh	310 - 420 km	€ 36,495
C	Hyundai IONIQ Electric	205 - 290 km	€ 37,015
C	Volkswagen ID.3 Pro Performance	295 - 400 km	€ 37,740
C	CUPRA Born 150 kW - 58 kWh	295 - 400 km	€ 37,990
C	Seres 3	230 - 305 km	€ 37,995
B	Hyundai Kona Electric 64 kWh	335 - 460 km	€ 37,995
B	DS 3 Crossback E-Tense	220 - 295 km	€ 38,290
C	Citroen e-Berlingo Standaard 50 kWh	175 - 225 km	€ 38,670
C	Renault Kangoo Maxi ZE 33	140 - 185 km	€ 38,801
C	Kia e-Niro 64 kWh	310 - 425 km	€ 38,995
B	Honda e Advance	140 - 195 km	€ 39,080
C	Opel Combo-e Life L1 50 kWh	175 - 225 km	€ 39,434
C	Peugeot e-Rifter 50 kWh	170 - 225 km	€ 39,620
C	Aiways U5	280 - 375 km	€ 39,950
C	Lexus UX 300e Electric	200 - 270 km	€ 39,990
C	Renault Megane E-Tech EV60 220pk	300 - 410 km	€ 39,990
B	BMW i3 120 Ah	200 - 275 km	€ 39,995
C	Volkswagen ID.4 Pure	240 - 325 km	€ 40,690
C	Renault Megane E-Tech EV60 130hp	305 - 420 km	€ 40,990
C	Nissan Leaf e+	275 - 375 km	€ 41,940
C	Volkswagen ID.3 Pro S	380 - 520 km	€ 41,990
C	Volkswagen ID.4 Pure Performance	240 - 325 km	€ 42,190
C	Skoda Enyaq iV 60	275 - 375 km	€ 43,290
C	Hyundai IONIQ 5 Standard Range 2WD	265 - 355 km	€ 43,500
B	BMW i3s 120 Ah	195 - 265 km	€ 43,690
C	Kia EV6 Standard Range 2WD	270 - 365 km	€ 44,595
C	Citroen e-Berlingo XL 50 kWh	170 - 220 km	€ 44,820
C	Volvo XC40 Recharge Pure Electric	270 - 360 km	€ 44,995

*availability includes models available for pre-order. Source: EV Database. **Real Range minimum** indicates the range in winter during combined highway and city driving. **Real Range maximum** indicates the range in summer during combined highway and city driving. More information about the Real Range method can be found on this EV Database page.

Inflow and outflow of EV passenger cars

The table below shows the total inflow and outflow of electric passenger cars during the month of **December 2021**.
Inflow excludes sales to stock-in-trade.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

Legend	M1: Passenger cars (EV)	M1: Passenger cars (BEV)	M1: Passenger cars (FCEV)	M1: Passenger cars (PHEV)
Total inflow this month	**24,386**	**21,257**	**27**	**3,102**
Inflow: new sales	22,238	20,264	26	1,948
Inflow: used import (≤90 days)	221	176	0	45
Inflow: used import (>90 days)	1,927	817	1	1,109
Total outflow this month	**712**	**348**	**0**	**364**
Outflow: export	680	328	0	352
Outflow: other	32	20	0	12
Net inflow this month	**23.674**	**20.909**	**27**	**2.738**

Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The **inflow** statistics excludes sales to stock-in-trade, whilst **outflow** includes cars from stock-in-trade. The Other category of outflow is the sum of elimination by demolition, theft, a change of license plate, etc. PHEV excludes hybrid electric vehicles (HEV). EV includes the sum of BEV, FCEV and PHEV.

Inflow: New sales of EV passenger cars

The table below shows the amount of newly sold electric passenger cars (M1) in the Netherlands over time.
New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

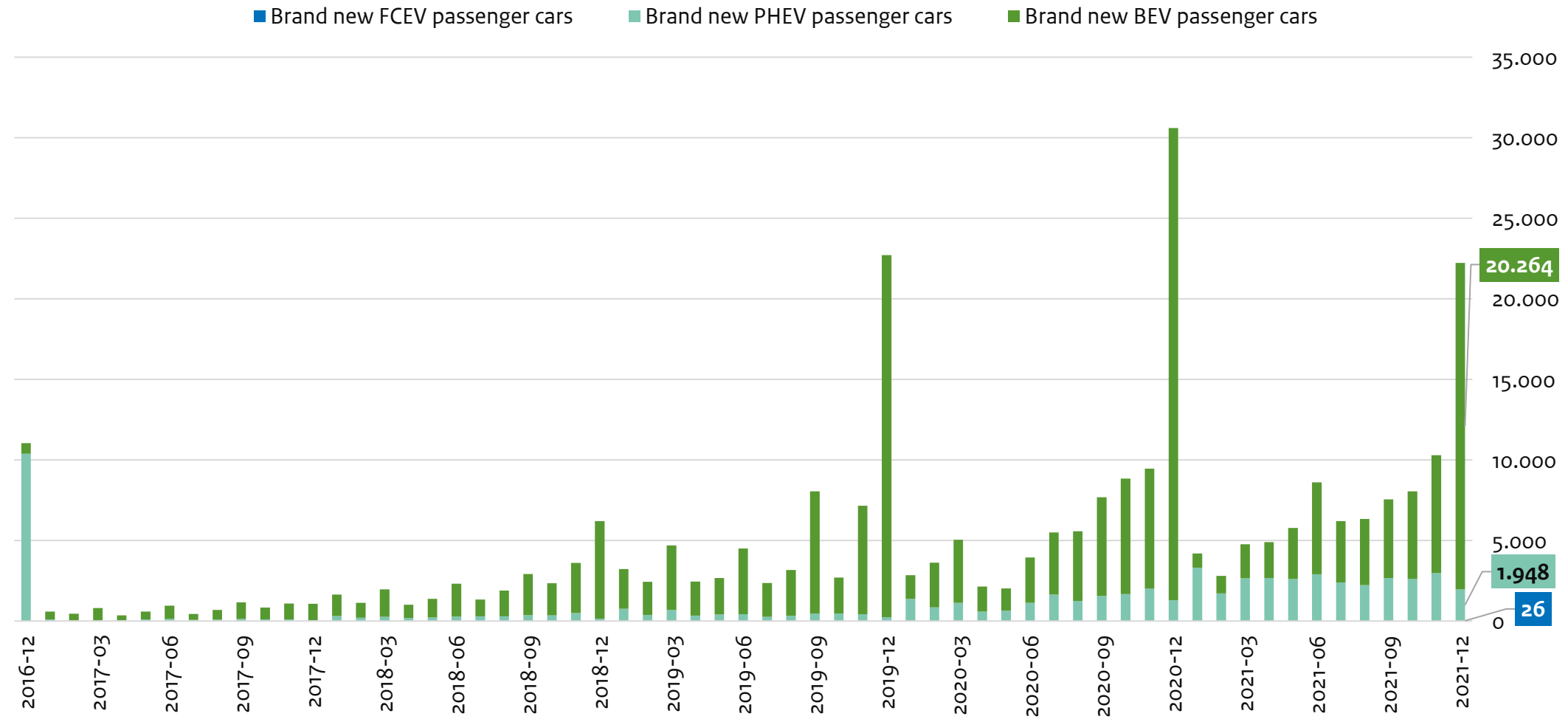
Type of vehicle	Legend	2016	2017	2018	2019	2020	December 2021
M1: Passenger cars (all drivetrains / fuels)	Total sales	379,697	412,442	444,224	444,872	351,847	**34,280**
	Total share	100%	100%	100%	100%	100%	**100%**
M1: Passenger cars (EV)	Units sold	22,051	9,058	27,818	66,183	87,337	**22,238**
	Share of total	5.81%	2.20%	6.26%	14.88%	24.82%	**64.87%**
M1: Passenger cars (BEV)	Units sold	4,016	7,996	24,330	60,934	72,163	**20,264**
	Share of total	1.06%	1.94%	5.48%	13.70%	20,51%	**59.11%**
M1: Passenger cars (FCEV)	Units sold	7	5	13	155	146	**26**
	Share of total	0.00%	0.00%	0.00%	0.00%	0.00%	**0.08%**
M1: Passenger cars (PHEV)	Units sold	18,028	1,057	3,475	5,094	15,028	**1,948**
	Share of total	4.75%	0.26%	0.78%	1.15%	4.27%	**5.68%**

Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). This table shows the number of **new sales:** used imports and sales to stock-in-trade are excluded. These numbers are not on balance / not corrected for elimination by export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV). EV includes the sum of BEV, FCEV and PHEV.

Inflow: New sales of EV passenger cars

The graph below visualizes the amount of newly sold electric passenger cars (M1) in the Netherlands per month.
New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

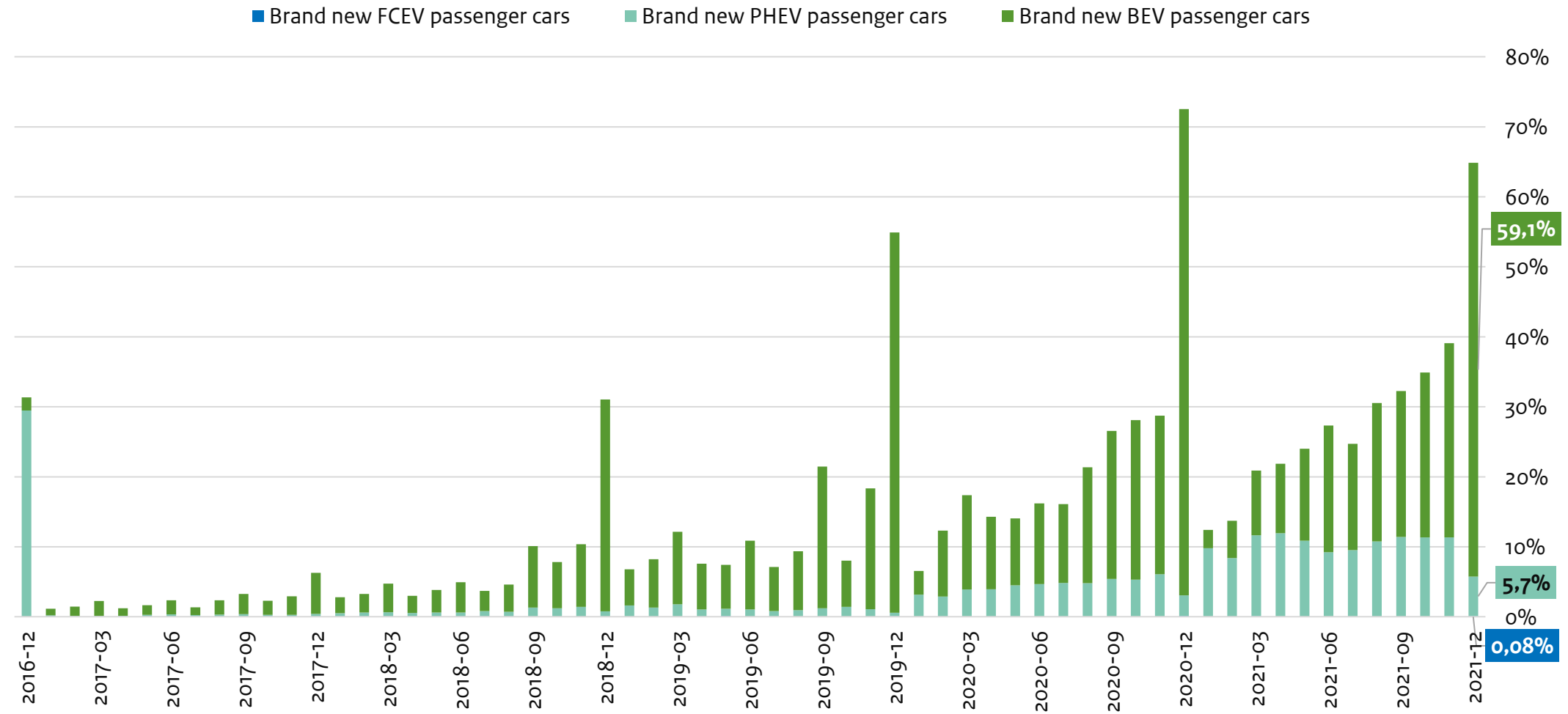


Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). This graph shows the number of **new sales:** used imports and sales to stock-in-trade cars are excluded. These numbers are not on balance / not corrected for elimination by export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Inflow: New sales, market share EV passenger cars

The graph below visualizes the monthly market share of electric passenger cars (M1) as a percentage of all new sales of passenger cars (M1) in the Netherlands. New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

BEV = Battery Electric Vehicle, **FCEV** = Fuel Cell Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle

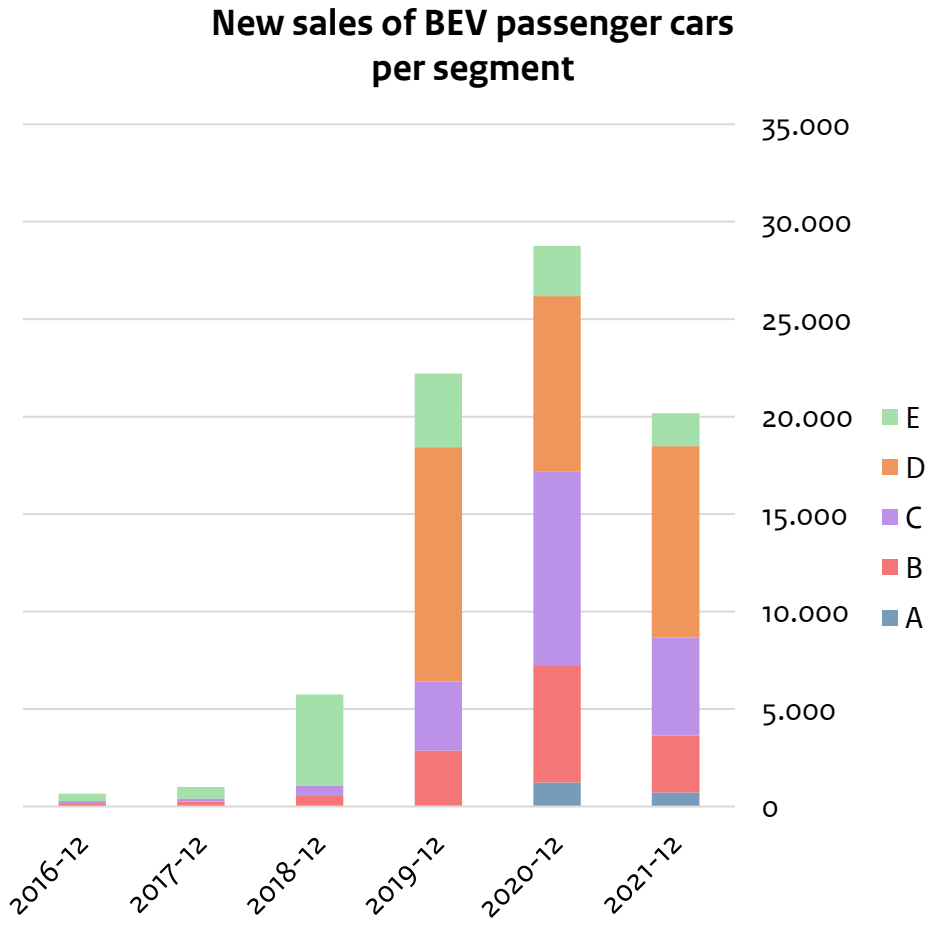


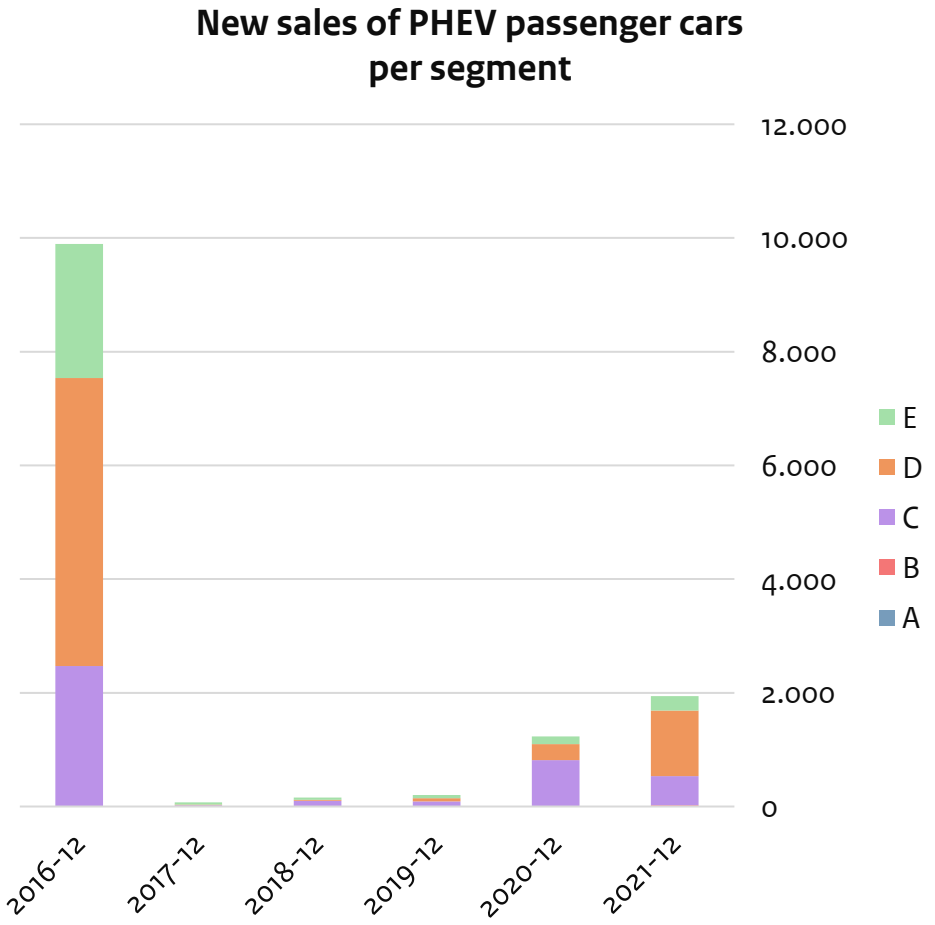
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). This graph shows the number of **new sales:** used imports and sales to trade stock are excluded. These numbers are not on balance / not corrected for elimination by export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Inflow: New sales, segments of BEV and PHEV passenger cars

The graphs below visualizes the segments of newly sold electric passenger cars (M1) in the Netherlands over time.
New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

Segment legend: **A (mini):** city cars | **B (small):** supermini cars | **C (medium)**: small family cars | **D (large)**: large family cars | **E (executive)**: executive + luxury cars



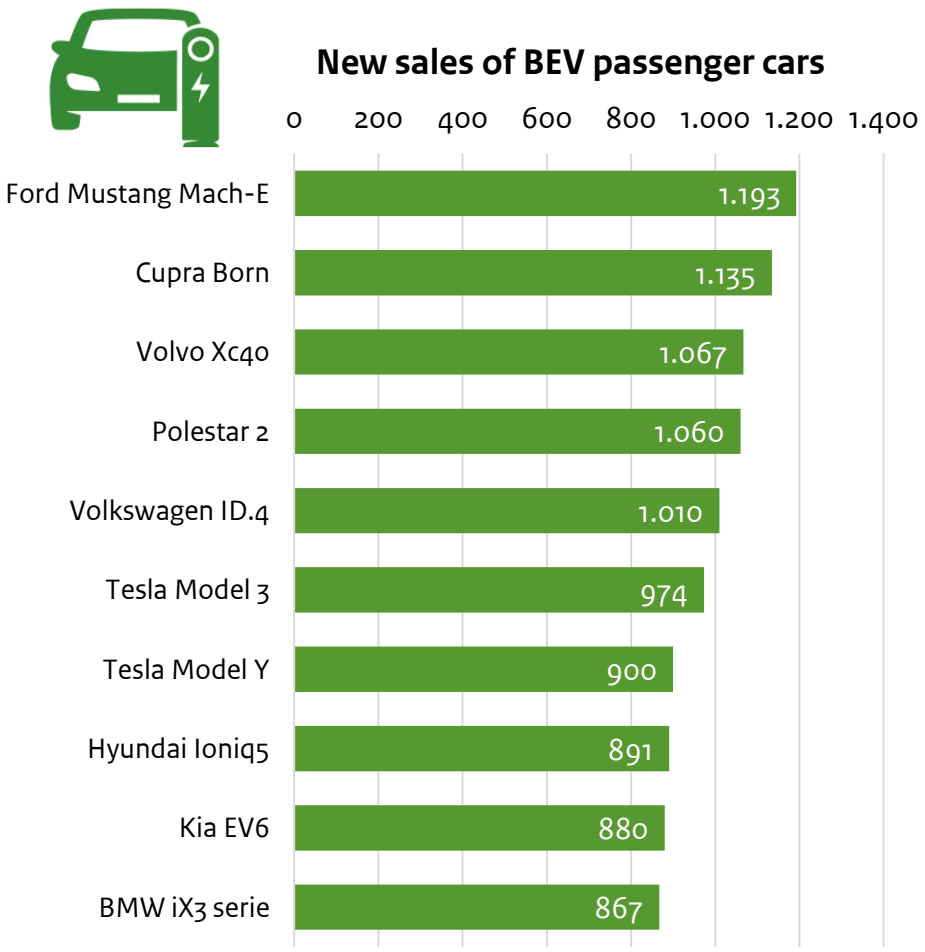


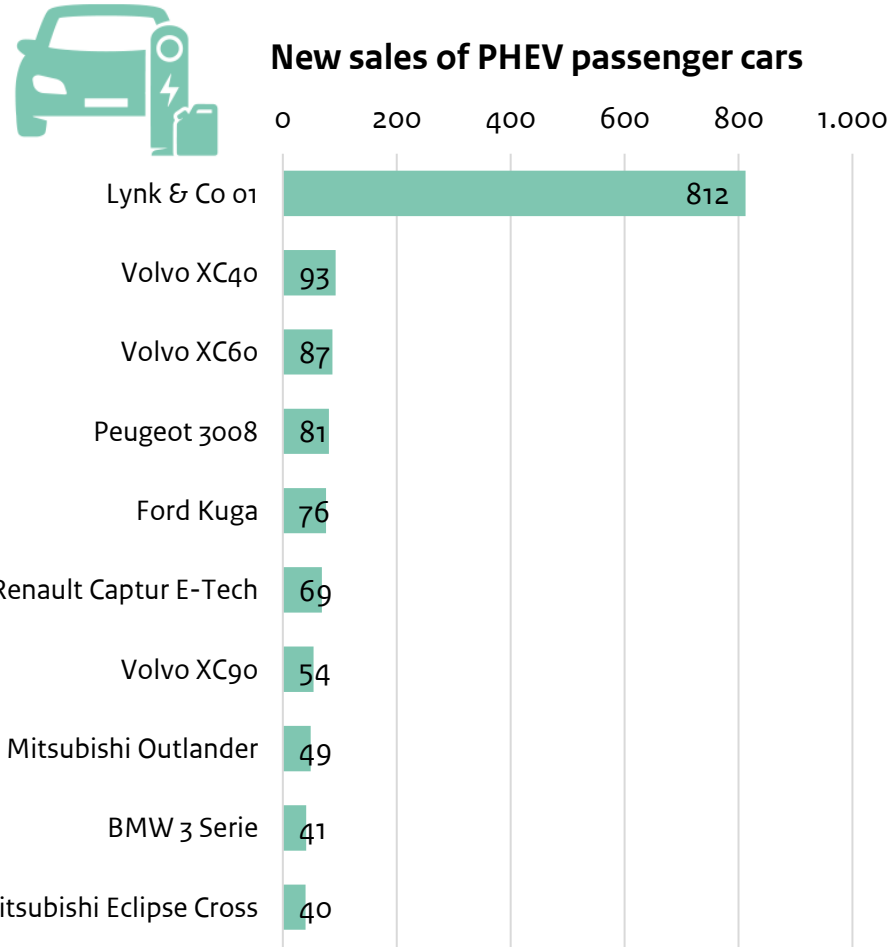
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). These graphs show the number of **new sales:** used imports and sales to stock-in-trade are excluded. These numbers are not on balance / not corrected for elimination by export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

Inflow: New sales, top 10 BEV and PHEV passenger cars

The graphs below visualizes the new sales of the top 10 most popular electric passenger cars (M1) in the Netherlands during **December 2021**.
New sales only include the sale of brand-new vehicles, used imports and sales to stock-in-trade are excluded.

BEV = Battery Electric Vehicle, **PHEV** = Plug-in Hybrid Electric Vehicle



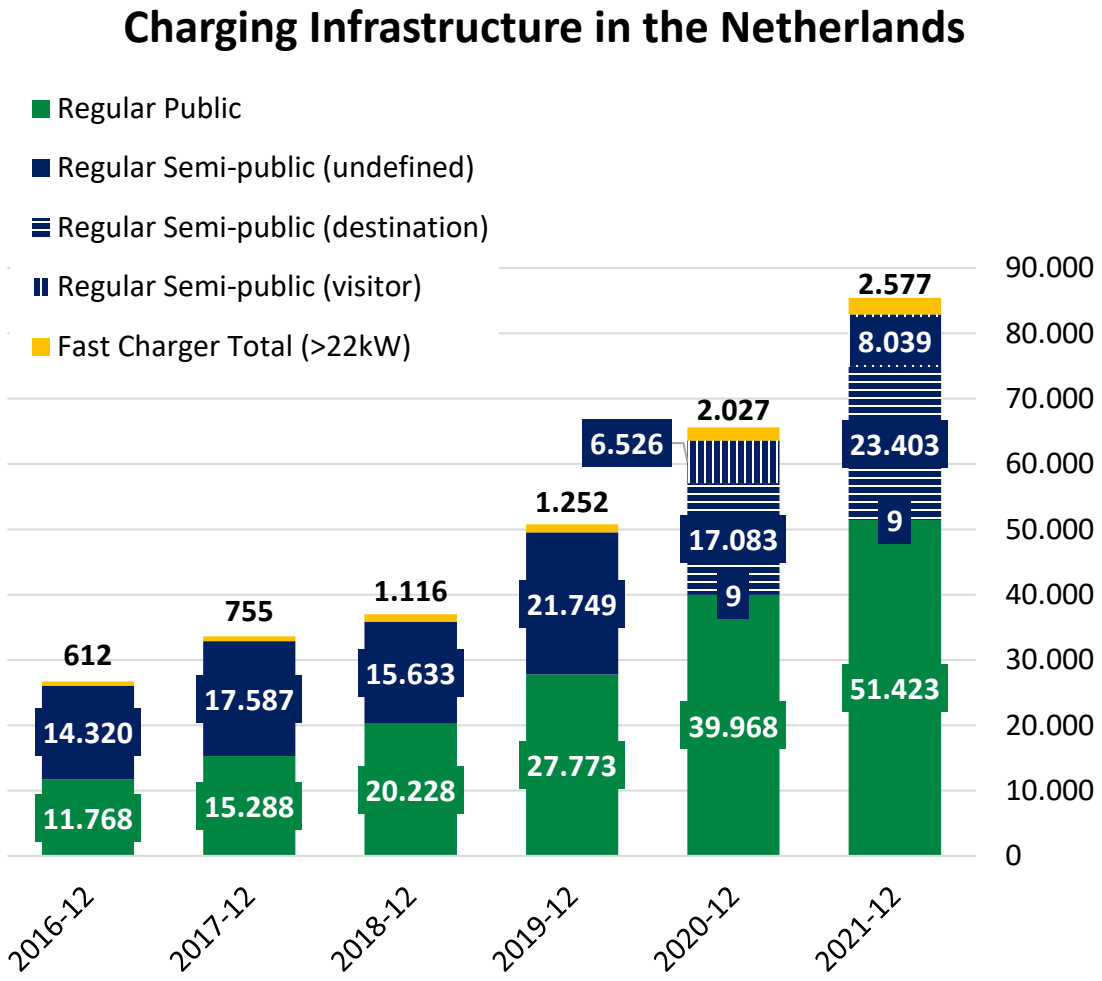


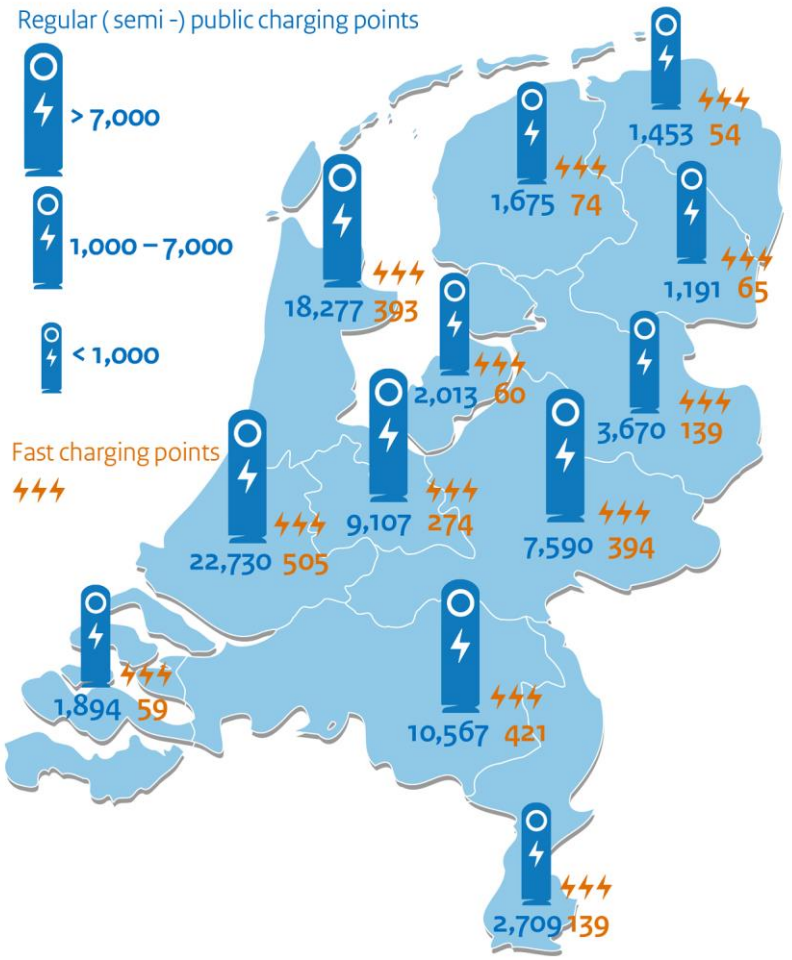
Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). These graphs show the number of **new sales:** used imports and sales to stock-in-trade are excluded. These numbers are not on balance / not corrected for elimination by export, demolition, theft, et cetera. PHEV excludes hybrid electric vehicles (HEV).

EV charging infrastructure: Number of charging points in NL

The graph below shows the total amount of charging points (EVSEs) for electric vehicles in the Netherlands.
Regular charging points are ≤22kW capacity, while **fast** charging points are >22kW.

The website of the National Agenda Laadinfrastructuur (NAL) has more details, including statistics on provincial and municipality aggregation levels (in Dutch).





Source: Eco-Movement, edited by Netherlands Enterprise Agency (RVO.nl)

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Number of charging points at the end of	2016	2017	2018	2019	2020	2021
Regular public + semi-public	**26,088**	**32,875**	**35,861**	**49,520**	**63,586**	**82,876**
Regular public (24/7 publicly accessible)	11,768	15,288	20,228	27,773	39,968	51,423
Regular semi-public (limited publicly accessible)	14,320	17,587	15,633	21,747	23,618	31,453
- of which Destination chargers (eg located near supermarkets)					6,528	8,039
- of which Work chargers (eg located near offices)					17,081	23,403
Fast charging points, public + semi-public	**612**	**755**	**1,116**	**1,262**	**2,027**	**2,577**
- of which >100 kW				433	897	1,307
Fast charging locations	148	178	197	339	467	629
All regular + fast charging points	**26,700**	**33,630**	**36,977**	**50,772**	**65,613**	**85,453**
Number of plug-in passenger car (BEV + PHEV) per charging point	**4,1**	**3,5**	**3,7**	**3,9**	**4,2**	**4,5**
Private charging points[1]	~63,000	~68,000	~80,000	~114,000	~158,000	~221,000

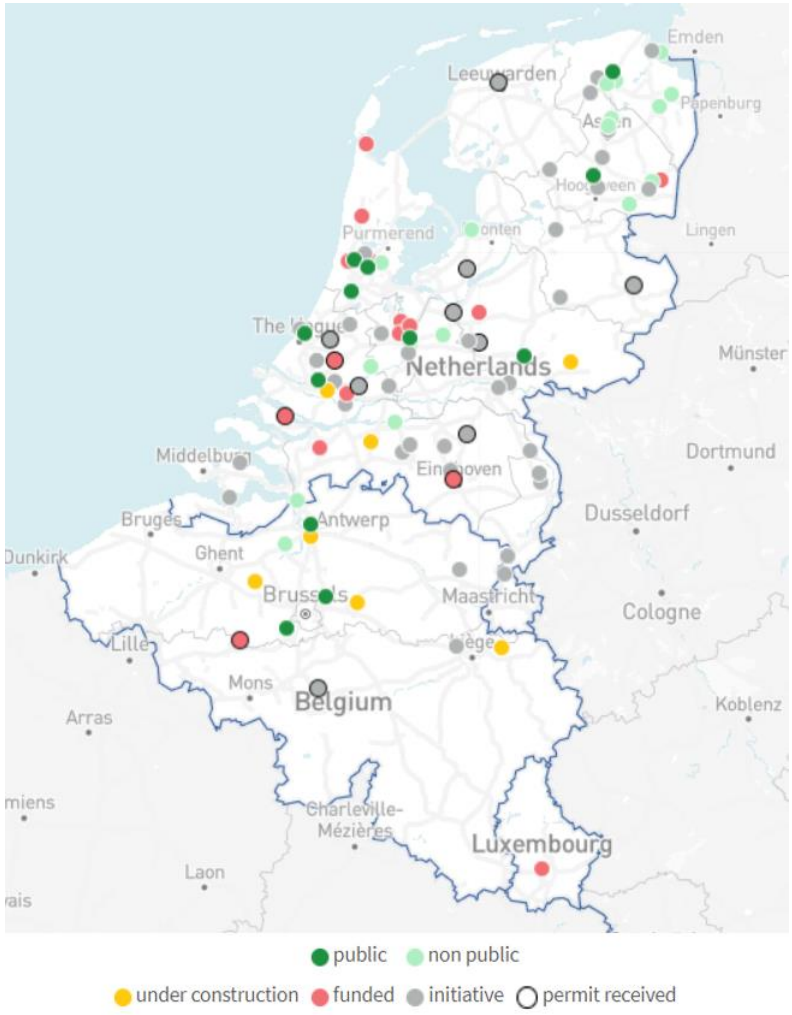
Source: Eco-Movement, edited by Netherlands Enterprise Agency (RVO.nl)
[1]The number of private charging points is an estimation based on private charging point ownership statistics from the Nationaal Laadonderzoek 2020

EV charging infrastructure: Public hydrogen stations

The table below shows the hydrogen fueling stations that are publicly accessible in the Netherlands.

The website of H2 BeNeLux has more details, including information about stations that are in development.

Location	Company	Capacity (bar)
Amsterdam	OrangeGas	700
Arnhem	Pitpoint	350 + 700
Den Haag (The Hague)	Kerkhof & Zn	350 + 700
Groningen	Holthausen	350 + 700
Nieuwgein	Hysolar / Greenpoint	350 + 700
Pesse	Green Planet	350 + 700
Rhoon	Air Liquide	350 + 700



Source:H2BeNeLux / Waterstofnet