



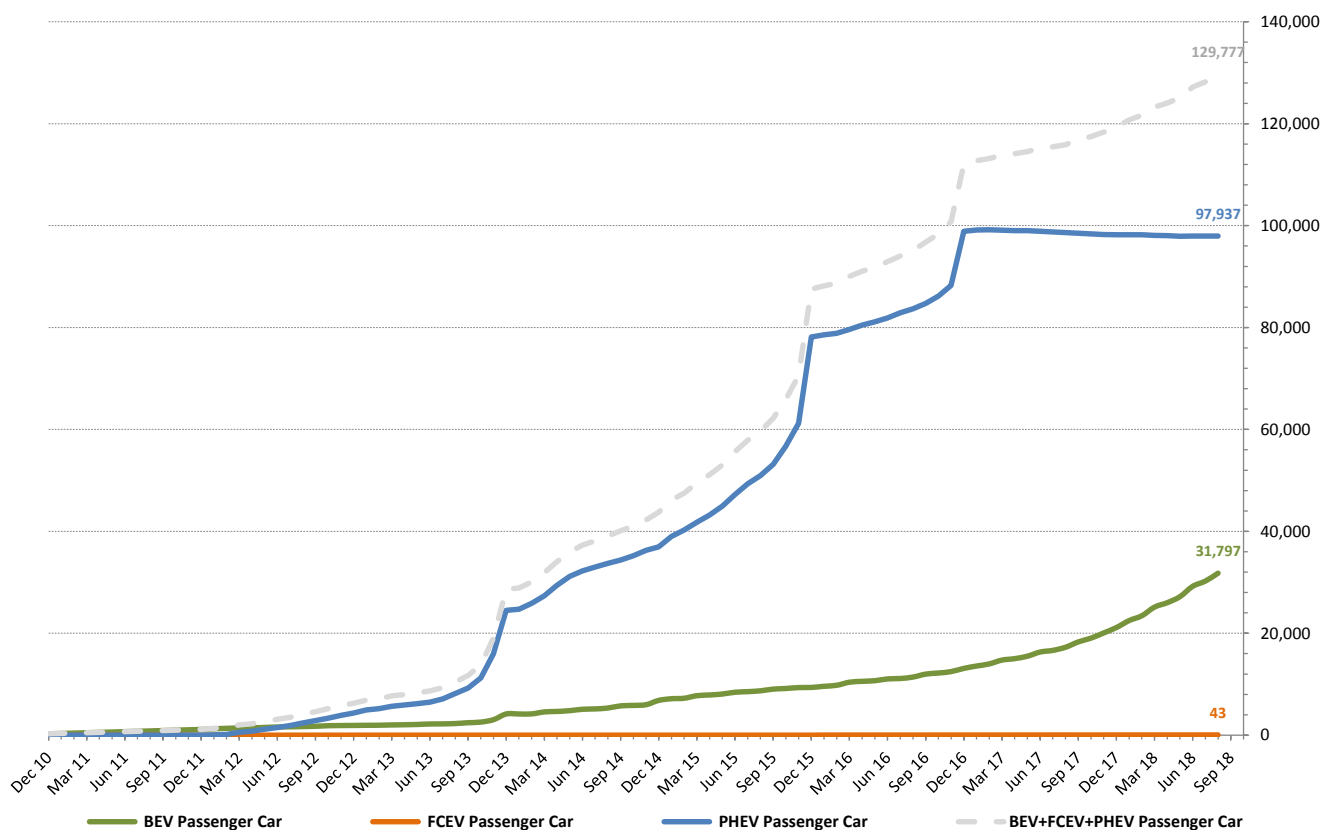
Statistics Electric Vehicles in the Netherlands (up to and including August 2018)

This overview is composed by the Netherlands Enterprise Agency, on the authority of the Ministry of Infrastructure and Water Management. Figures may be copied stating the source (Netherlands Enterprise Agency).¹

Number of electric vehicles on the road in The Netherlands (fleet)²

Type of vehicle /	Number as of	31-12-2015	31-12-2016	31-12-2017	31-07-2018	31-08-2018
Passenger Car – BEV		9,368	13,105	21,115	30,237	31,797
Passenger Car – FCEV		21	30	41	42	43
Passenger Car – PHEV, E-REV		78,163	98,903	98,217	97,950	97,937
Subtotal		87,552	112,038	119,373	128,229	129,777
Commercial Car ≤ 3.5 tons		1,456	1,628	2,208	2,664	2,703
Commercial Car > 3.5 tons		50	66	81	96	96
Bus		94	168	296	352	361
Trike / Quadricycle		872	1,007	1,134	1,210	1,213
Motorbike		268	316	446	592	601
Light moped 45 km/h		3,610	3,775	4,376	5,355	4,883
Light moped 25 km/h		28,459	32,496	37,652	40,034	25,988
Speed Pedelec (>25km/h) ³						15,449
Microcar 45 km/h		219	258	316	351	353
Total		122,584	151,752	165,882	178,883	181,424

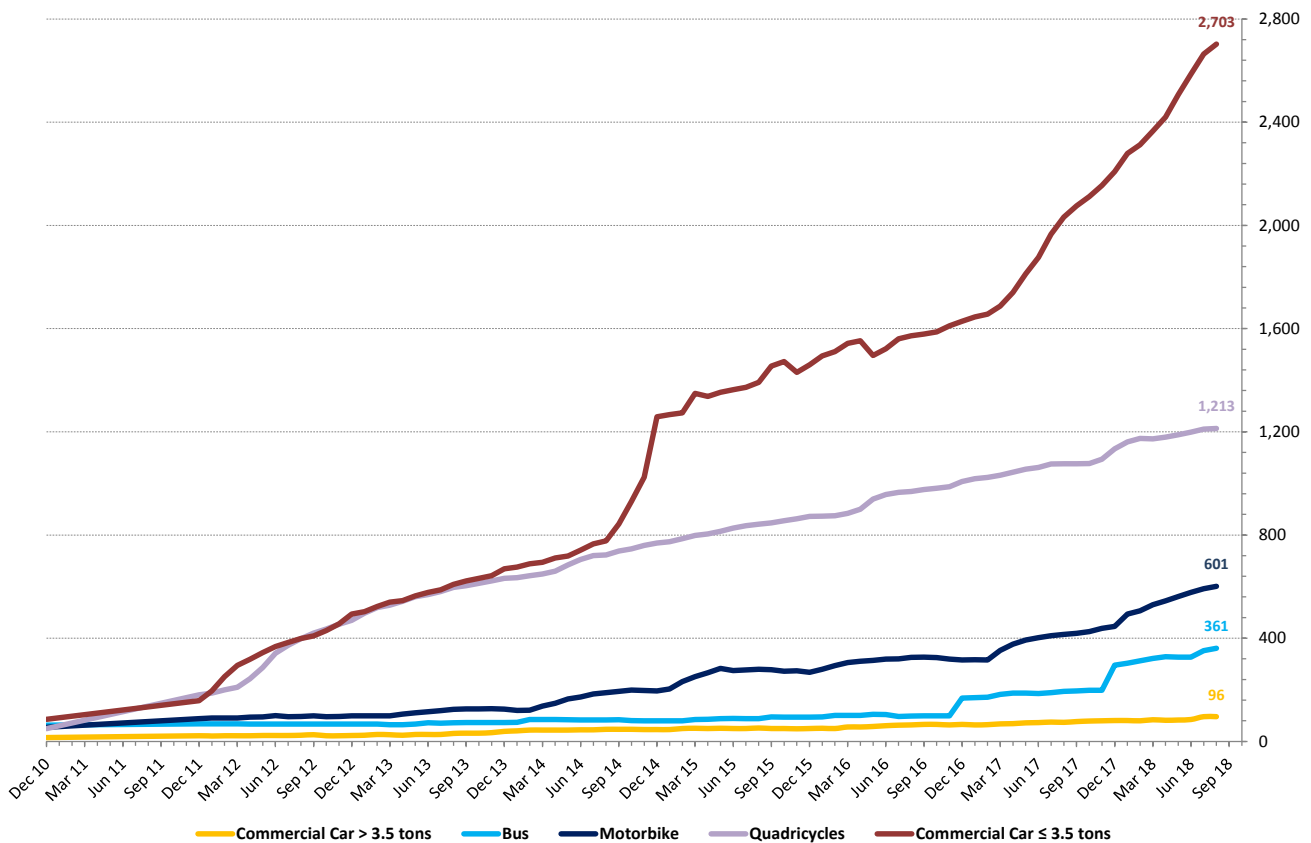
Development in the number of electric vehicles on the road in the Netherlands (fleet)²



¹ <https://www.government.nl/ministries/ministry-of-infrastructure-and-water-management>; Due to corrections with retroactive effect and progressive insight, it may occur that numbers on previous months or years in this publication differ from those published before. This overview (and, in case of corrections, updates of this document) can be found at: <https://www.rvo.nl/onderwerpen/duurzaam-ondernemen/energie-en-milieu-innovaties/elektrisch-rijden/stand-van-zaken/cijfers>

² Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). The numbers represent the **vehicle fleet**, the cumulative registrations on balance: increase due to new registrations and decrease due to export, theft, etc. Corrections of the data with retroactive effect are not taken into account here. [Passenger Car (PHEV, E-REV): full hybrid vehicles excluded; Commercial Car ≤ 3.5 tons: Including: BEV, FCHEV/FCEV; Commercial Car > 3.5 tons: BEV, FCEV; Bus: BEV, FCEV, Including trolley busses and some hybrid busses.]

³ Since August 2018 we report the number of Speed Pedelecs. In the past this was not possible and these vehicles were reported as light mopeds.



Top 5 models of plug-in hybrid electric vehicles on the road in The Netherlands (fleet)²

Brand/Model	Type of vehicle	Number	Change since last month (MtM)	Change in last 12 months (YtY)
Mitsubishi Outlander	Passenger Car (PHEV)	24,526	-109	-820
Volvo V60	Passenger Car (PHEV)	15,135	-148	-651
Volkswagen Golf	Passenger Car (PHEV)	10,934	0	80
Volkswagen Passat	Passenger Car (PHEV)	7,991	14	101
Audi A3	Passenger Car (PHEV)	6,361	25	222

Top 10 models of battery electric vehicles on the road in The Netherlands (fleet)²

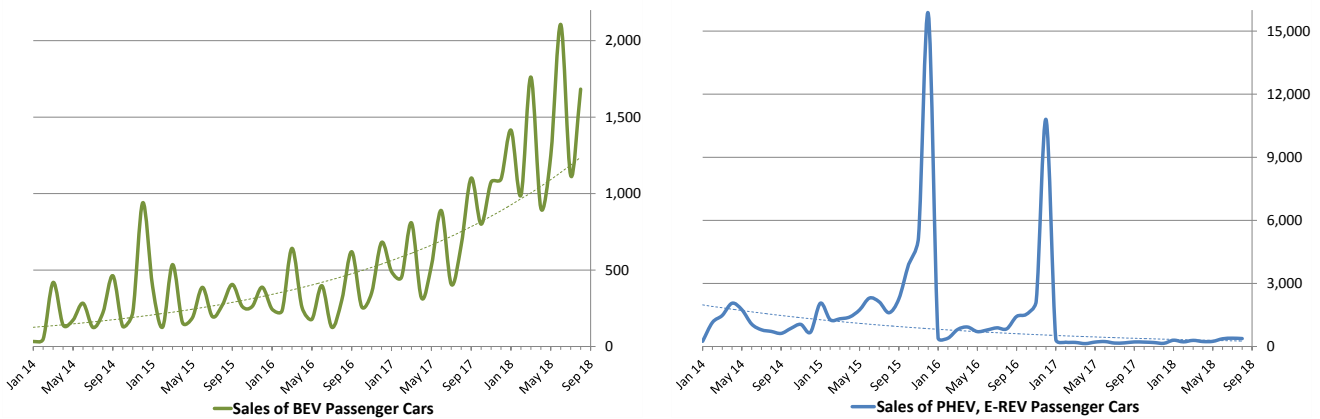
Brand/Model	Type of vehicle	Number	Change since last month (MtM)	Change in last 12 months (YtY)
Tesla Model S	Passenger Car (BEV)	10,115	335	2,803
Nissan Leaf	Passenger Car (BEV)	3,879	316	1,766
Renault ZOE	Passenger Car (BEV)	3,142	53	1,126
Tesla Model X	Passenger Car (BEV)	2,982	201	1,692
Volkswagen Golf	Passenger Car (BEV)	2,723	120	2,074
BMW I3	Passenger Car (BEV)	2,695	127	1,129
Hyundai Ioniq	Passenger Car (BEV)	1,988	135	1,774
Opel Ampera	Passenger Car (BEV)	912	92	834
Renault Kangoo	Commercial Car <= 3.5 tons (BEV)	854	17	130
Nissan E-NV200	Commercial Car <= 3.5 tons (BEV)	846	15	72



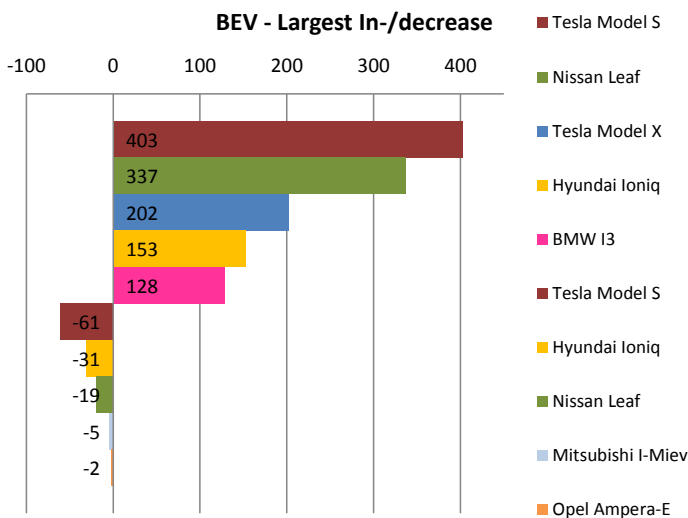
New registrations (sales) of all Passenger Cars and of EV-Passenger Cars⁴

New registrations (sales) Passenger Cars in period	2016		2017		July 2018		August 2018		Jan – Aug 2018	
	Registrations	%	Registrations	%	Registrations	%	Registrations	%	Registrations	%
Total new registrations	385,259	100%	418,461	100%	36,263	100%	41,355	100%	332,948	100%
Of which EV new registrations	25,989	6.7%	11,072	2.6%	1,515	4.2%	2,062	5.0%	13,673	4.1%
- Of which BEV	4,294	1.1%	8,627	2.1%	1,118	3.1%	1,683	4.1%	11,227	3.4%
- Of which PHEV, E-REV	21,695	5.6%	2,445	0.6%	397	1.1%	379	0.9%	2,446	0.7%

Development in the number of new registrations (sales) of EV-Passenger Cars³



BEV Passenger Cars with the largest increase and decrease in August 2018⁵



The total increase (new registrations) of BEV passenger cars in August was 1,683. The cars mentioned in the graph represent 73% (1,223) of the total increase.

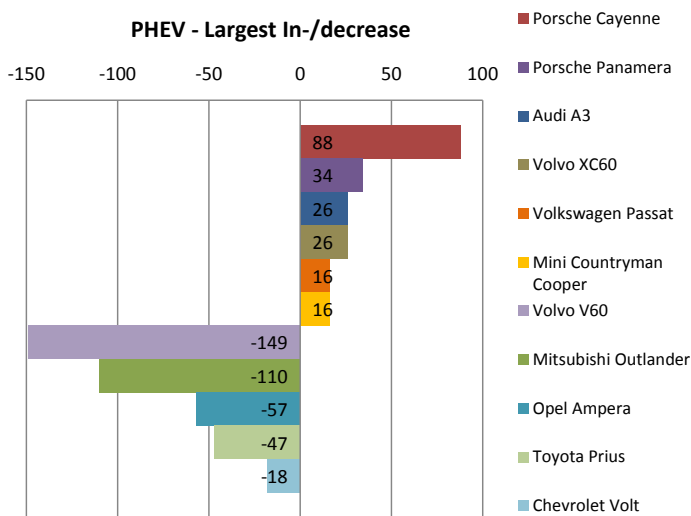
The total decrease (export, theft, destruction) of BEV passenger cars in August was 127. The cars mentioned in the graph represent 93% (118) of the total decrease.

⁴ Source: all Passenger Cars: Bovag/Rai (www.bovag.nl), BEV and PHEV Passenger Cars: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl). This table shows the number of new registrations. This means that these numbers are not on balance / not being corrected for elimination by theft, export, etc. The percentages have been rounded off to the first decimal place.

⁵ Source: Dutch Road Authority (RDW), edited by Netherlands Enterprise Agency (RVO.nl).



PHEV Passenger Cars with the largest increase and decrease in August 2018⁵



The total increase (new registrations) of PHEV Passenger Cars in August was 379. The cars mentioned in the graph represent 54% (206) of the total increase.

The total decrease (export, theft, destruction) of PHEV Passenger Cars in August was 413. The cars mentioned in the graph represent 92% (381) of the total decrease.

15 most recent available BEV and PHEV Passenger Car models in The Netherlands⁶

Brand/Model	EV Type	Electric range	Price	Available since
Renault Zoe R110	BEV	175 – 380 km	€ 34,000	September 2018
Mitsubishi Outlander PHEV	PHEV	26 – 50 km	€ 35,990	August 2018
Hyundai Kona Electric 64 kWh	BEV	280 – 595 km	€ 39,195	August 2018
Hyundai IONIQ Plug-in	PHEV	30 – 60 km	€ 29,995	May 2018
Nissan e-NV200 Evalia	BEV	130 – 285 km	€ 41,925	April 2018
BMW 225xe iPerformance	PHEV	18 – 37 km	€ 43,565	April 2018
Volvo S90 T8 Twin-Engine	PHEV	20 – 39 km	€ 65,995	April 2018
Volvo V90 T8 Twin-Engine	PHEV	19 – 39 km	€ 68,995	April 2018
Volvo XC-60 T8 Twin-Engine	PHEV	18 – 35 km	€ 68,995	April 2018
Volvo V60 T8 Twin-Engine	PHEV	20 – 39 km	€ 58,995	April 2018
Jaguar I-Pace	BEV	285 – 585 km	€ 80,330	March 2018
Nissan Leaf (40kWh)	BEV	170 – 360 km	€ 34,890	February 2018
Kia Niro	PHEV	25 – 50 km	€ 34,595	January 2018
Kia Optima Sportswagon	PHEV	26 – 50 km	€ 42,975	January 2018
BMW i3s Range Extender	PHEV	105 – 225 km	€ 49,120	November 2017

BEV and PHEV Passenger Car models expected to be available soon in The Netherlands⁶

Brand/Model	EV Type	Electric range	Price	To be available in
Mercedes EQC 400 4MATIC	BEV	270 – 590 km	€ 70,000	June 2019
Tesla Model 3	BEV	265 – 540 km	€ 38,000	June 2019
BMW i3 120 Ah	BEV	160 – 345 km	€ 45,000	April 2019
Nissan Leaf E-Plus	BEV	245 – 50 km	€ 40,000	March 2019
Hyundai Kona Electric 39 kWh	BEV	175 – 380 km	€ 35,000	March 2019
Tesla Model 3 Long Range	BEV	325 – 660 km	€ 50,000	March 2019
Tesla Model 3 Long Range Dual Motor	BEV	325 – 655 km	€ 55,000	March 2019
Tesla Model 3 Long Range Performance	BEV	325 – 655 km	€ 85,000	March 2019
Kia Niro EV Mid-Range	BEV	165 – 360 km	€ 37,500	November 2018
Kia Niro EV Long-Range	BEV	260 – 555 km	€ 40,000	November 2018

⁶ Source: <https://ev-database.nl>; Electric range: "Indication of real-world range in several situations. Cold weather: 'worst-case' based on -10°C and use of heating. Mild weather: 'best-case' based on 23°C and no use of A/C. The actual range will depend on speed, style of driving, climate and route conditions." (<https://ev-database.uk>).



Export number⁵

	2016	2017	July 2018	August 2018	Jan-Aug 2018
Passenger Car (BEV)	545	630	92	126	576
Passenger Car (PHEV, E-REV)	923	3,056	387	408	2,675
Commercial Car ≤ 3.5 tons (BEV) ⁷	149	58	1	2	17
Total	1,617	3,744	480	626	3,268

Dutch ambition and realization

Ambition			
2020	10% of all new passenger cars sold will have an electric powertrain and a plug. ⁸		
2025	50% of all new passenger cars sold will have an electric powertrain and a plug, and at least 30% of these vehicles (15% of the total) will be fully electric. ⁸		
2030	100% of all new passenger cars sold will be zero-emission. ⁹		
Realization ¹⁰			
	Passenger Car BEV	Passenger Car PHEV	Passenger Car BEV + PHEV
2014	0.8%	3.2%	4.0%
2015	0.8%	9.1%	9.9%
2016	1.1%	5.6%	6.7%
2017	2.1%	0.6%	2.6%
Jan – Aug 2018 (YtD) ¹¹	3.4%	0.7%	4.1%

Number of charging points¹²

Number installed at	31-12-2015	31-12-2016	31-12-2017	31-07-2018	31-08-2018
Regular charging points					
Public (24/7 publicly accessible)	7,395	11,768	15,288	18,406	18,501
Semi-public (limited publicly accessible)¹³	10,391	14,320	17,587	16,523	17,019
Regular Public + Semi-public	17,786	26,088	32,875	34,929	35,520
Fast charging					
Fast charging points - Public and semi-public	465	612	755	946	937
Fast charging locations¹⁴			178	199	196
Private charging points¹⁵					
	55,000	72,000	80,000	87,500	

⁷ Due to corrections the numbers shown are different from those published before. The numbers are approximations because of some car models in the database it is not possible to determine if it is a BEV. Only the vehicles of which we are certain that they are BEV's are taken into account here.

⁸ <http://www.greendeals.nl/wp-content/uploads/2016/04/Green-Deal-Electric-Transport-2016-2020.pdf>

⁹ P. 43: <https://www.kabinetformatie2017.nl/binaries/kabinetformatie/documenten/verslagen/2017/10/10/coalition-agreement-confidence-in-the-future/coalition-agreement-2017-confidence-in-the-future.pdf> <https://www.klimaatkoord.nl/mobiliteit>

¹⁰ Due to corrections with retroactive effect, the realization percentages are a little higher than figures published before 2018. The percentages have been rounded off to the first decimal place.

¹¹ 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.

¹² Based on data by stichting e-laad, EV-Box B.V., NUON and Essent, The New Motion (data up to 31-10-2012) and Opladpalen.nl (starting with data as of 30-11-2012). Up to 28-02-2014 the assumption is made that charging points from e-laad, Nuon and Essent are public and the others semi-public. As of 31-03-2014 Opladpalen.nl states whether charging points are public or semi-public.

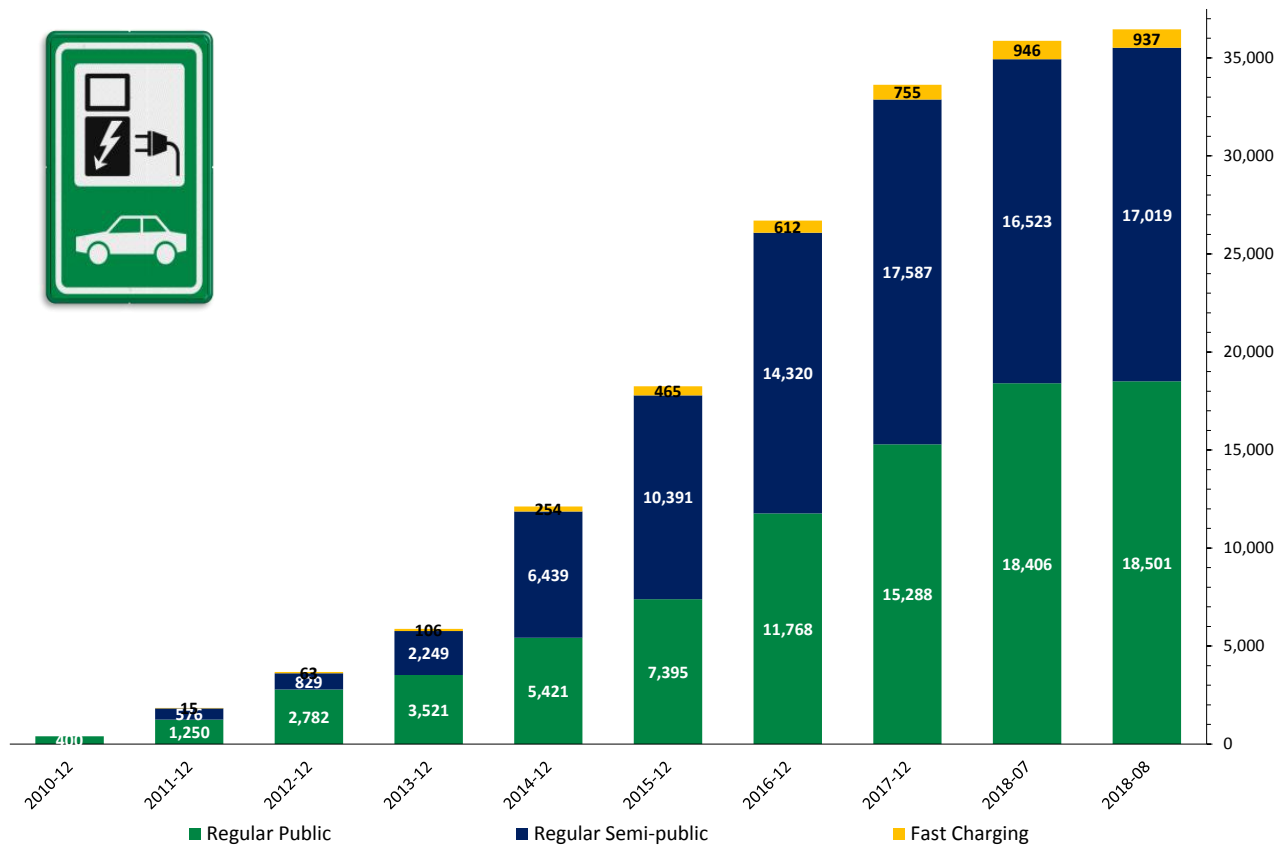
¹³ Semi-public charging points are interoperable and have been reported as accessible by their owners. These charging points can for example be found in shopping malls, office buildings, parking garages and at private persons who have made their charging point accessible to others.

¹⁴ Fast charging location = geographical location consisting of one or more chargers with an electric power of >22kW (mostly 43kW and 50kW).

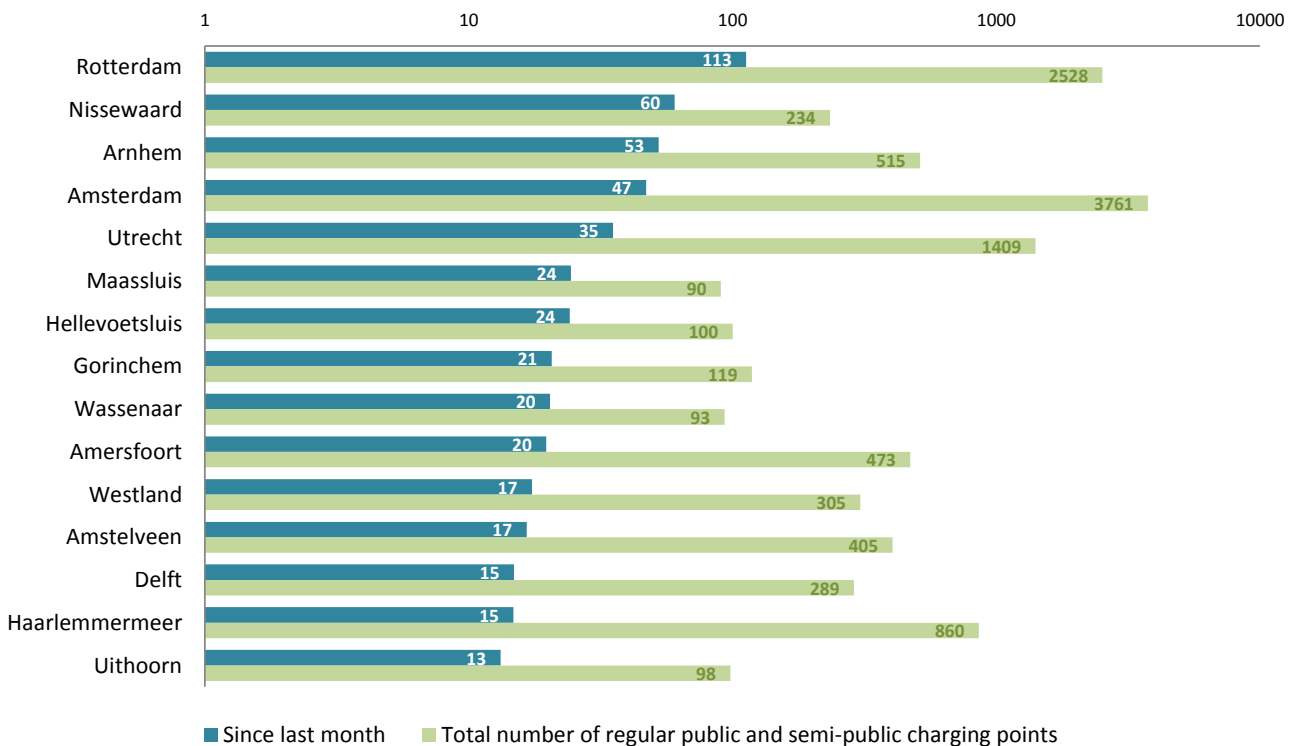
¹⁵ Estimation based on research in 2012. Further estimation and extrapolation for following years. This estimation will be carried out 4 times a year.



Development in the number of charging points¹²



Municipalities with the largest increase in number of charging points since last month¹²



Hydrogen refuelling stations

The Netherlands has 3 public accessible hydrogen refuelling locations: Rhooen (nearby Rotterdam, 350 bar and 700 bar); Helmond (in the south, 350 bar and 700 bar) and Arnhem (in the east, 350 bar). In Delfzijl is a hydrogen refuelling station to service fuel cell electric public transport buses.