



## Statistics Electric Vehicles in the Netherlands (up to and including October 2017)

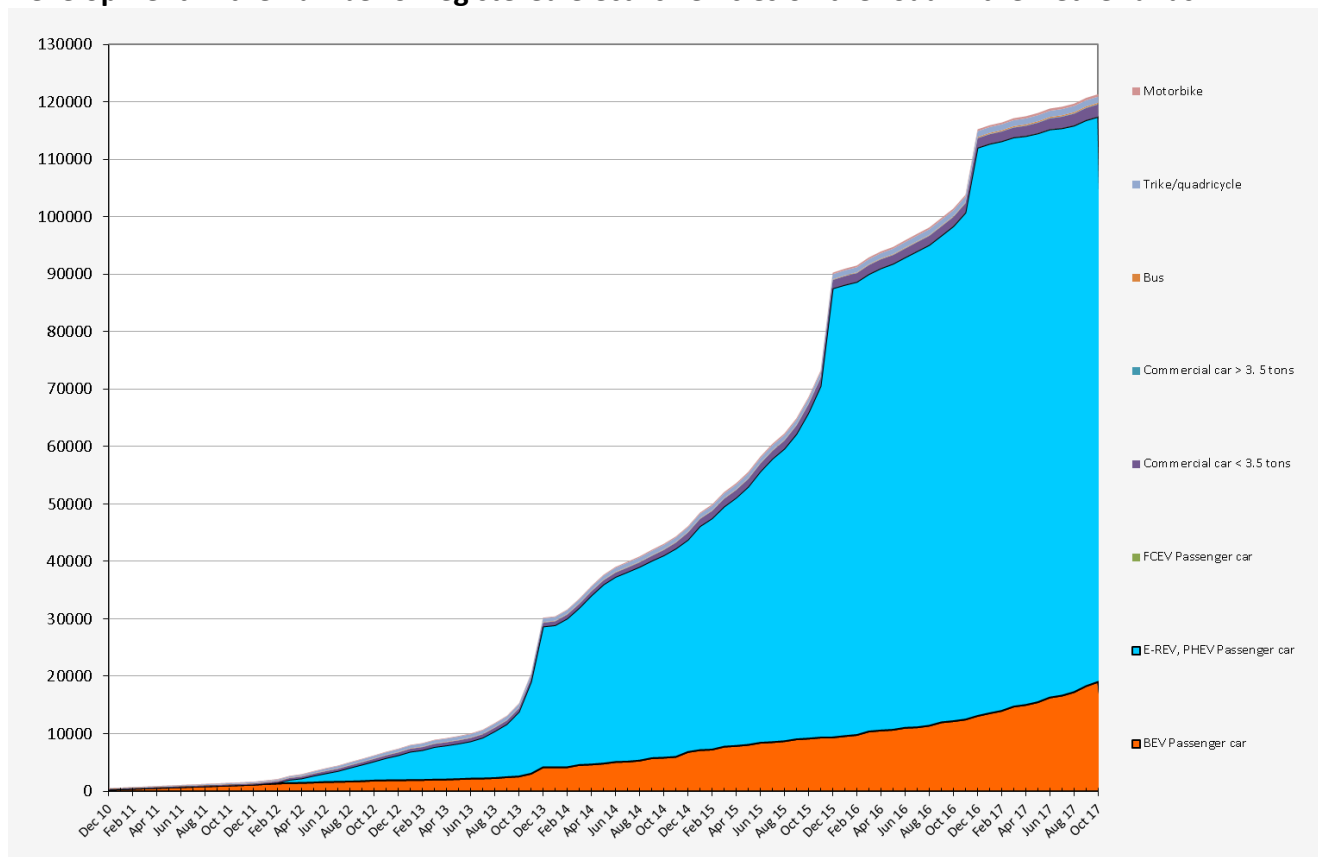
This overview pictures the development in the number of electric vehicles on the road in the Netherlands. It is composed by the Netherlands Enterprise Agency<sup>1</sup>, on the authority of the Ministry of Infrastructure and Water Management<sup>2</sup>. Figures may be copied stating the source (Netherlands Enterprise Agency).

### Number of registered electric vehicles<sup>3</sup>

Type of vehicle /	Number as of	31-12-2015	31-12-2016	31-08-2017	30-09-2017	31-10-2017
Passenger car (BEV)		9,368	13,105	17,254	18,299	19,041
Passenger car (E-REV, PHEV) #		78,163	98,903	98,617	98,518	98,376
Passenger car (FCEV)			30	38	37	37
Commercial car ≤ 3.5 tons		1,460	1,628	2,032	2,078	2,114
Commercial car > 3.5 tons		50	66	74	77	79
Bus *		94	168	194	196	198
Trike/quadricycle		872	1,007	1,076	1,076	1,077
Motorbike		268	316	415	419	426
<b>Subtotal</b>		<b>90,275</b>	<b>115,223</b>	<b>119,700</b>	<b>120,700</b>	<b>121,348</b>
Light moped 45 km/h		3,610	3,775	4,033	4,105	4,152
Light moped 25 km/h		28,459	32,496	35,019	35,370	35,600
Microcar 45 km/h		219	258	286	288	293
<b>Total</b>		<b>122,563</b>	<b>151,752</b>	<b>159,038</b>	<b>160,463</b>	<b>161,393</b>

# Excluding full hybrid vehicles; \* Including trolley busses and some hybrid busses

### Development in the number of registered electric vehicles on the road in the Netherlands<sup>3</sup>



<sup>1</sup> <https://www.rvo.nl/onderwerpen/duurzaam-ondernemen/energie-en-milieu-innovaties/elektrisch-rijden/stand-van-zaken/cijfers>

<sup>2</sup> <https://www.government.nl/ministries/ministry-of-infrastructure-and-water-management>

<sup>3</sup> RDW (Dutch Road Admission Authority, starting 31-08-2013 the data model is based on powertrain type and fuel concept)



### Top 5 registered models of plug-in hybrid electric vehicles on Dutch roads<sup>3</sup>

Model	Type of vehicle	Number	Change from last month
Mitsubishi Outlander	Passenger car (PHEV)	25,246	-100
Volvo V60 Plug-in hybrid	Passenger car (PHEV)	15,767	-19
Volkswagen Golf	Passenger car (PHEV)	10,867	13
Volkswagen Passat	Passenger car (PHEV)	7,894	4
Mercedes Benz C350 E	Passenger car (PHEV)	6,208	-4

### Top 10 registered models of battery electric vehicles on Dutch roads<sup>3</sup>

Model	Type of vehicle	Number	Change from last month
Tesla Model S	Passenger car (BEV)	7,417	105
Nissan Leaf	Passenger car (BEV)	2,097	-16
Renault ZOE	Passenger car (BEV)	2,083	67
BMW I3	Passenger car (BEV)	1,663	98
Tesla Model X	Passenger car (BEV)	1,350	60
Hyundai Ioniq	Passenger car (BEV)	865	127
Volkswagen Golf	Passenger car (BEV)	834	186
Nissan E-NV200	Commercial car ≤ 3.5 tons (BEV)	790	16
Smart ForTwo / Electric Drive	Passenger car (BEV)	467	1
Kia Soul	Passenger car (BEV)	208	-6

### Registered EVs compared to total registrations in period<sup>4</sup>

Registrations in period	2014	2015	2016	1 Jan – 31 Oct 2017	Oct 2017
<b>Total registrations</b>	390,402 (100%)	449,350 (100%)	382,825 (100%)	360,423 (100%)	37,130 (100%)
<b>Total EV registrations</b>	15,089 (3.9%)	43,769 (9.7%)	24,477 (6.4%)	5,409 (1.5%)	600 (1.6%)
<b>- Of which BEV</b>	2,664 (0.7%)	2,543 (0.6%)	3,737 (1.0%)	5,936 (1.6%)	742 (2%)
<b>- Of which E-REV, PHEV</b>	12,425 (3.2%)	41,226 (9.2%)	20,740 (5.4%)	-527 (-0.1%)	-142 (-0.4%)

### Dutch ambitions Electric Transport Green Deal 2016 - 2020<sup>5</sup>

	Ambitie
2020	10% of all new cars sold will have an electric powertrain and a plug.
2025	50% of all new 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.
	Realization
2014	3.9%
2015	9.7%
2016	6.4%
2017	N.a.

<sup>4</sup> BOVAG, via [www.bovag.nl](http://www.bovag.nl)

<sup>5</sup> <http://www.greendeals.nl/wp-content/uploads/2016/04/Green-Deal-Electric-Transport-2016-2020.pdf>



### Export number<sup>3</sup>

	2015	2016	September 2017	October 2017	Total 2017
Passenger car (BEV)	1,052	545	61	61	531
Passenger car (E-REV, PHEV)	215	923	310	352	2,564
Commercial car ≤ 3.5 tons	162	242	0	0	59
<b>Total</b>	<b>1,429</b>	<b>1,710</b>	<b>371</b>	<b>413</b>	<b>3,154</b>

### Number of charging points<sup>6</sup>

Number installed by end of	31-12-2015	31-12-2016	31-08-2017	30-09-2017	31-10-2017
<b>Regular/slow charging points</b>					
Public (24/7 publicly accessible)	7,395	11,768	14,329	14,550	14,874
Semi-public (limited publicly accessible) <sup>7</sup>	10,391	14,320	15,696	16,453	16,495

<b>Fast charging</b>					
Fast charging points Public and semi-public	465	612	758	758	775
Fast charging locations <sup>8</sup>			173	173	174

<b>Private charging points</b>					
Estimation based on research in 2012 and further estimation and extrapolation for following years <sup>9</sup>	55,000	72,000	75,000		

<sup>6</sup> Based on data by stichting e-laad, EV-Box B.V., NUON and Essent, The New Motion (data up to 31-10-2012) and Oplaadpalen.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 Oplaadpalen.nl states whether charging points are public or semi-public.

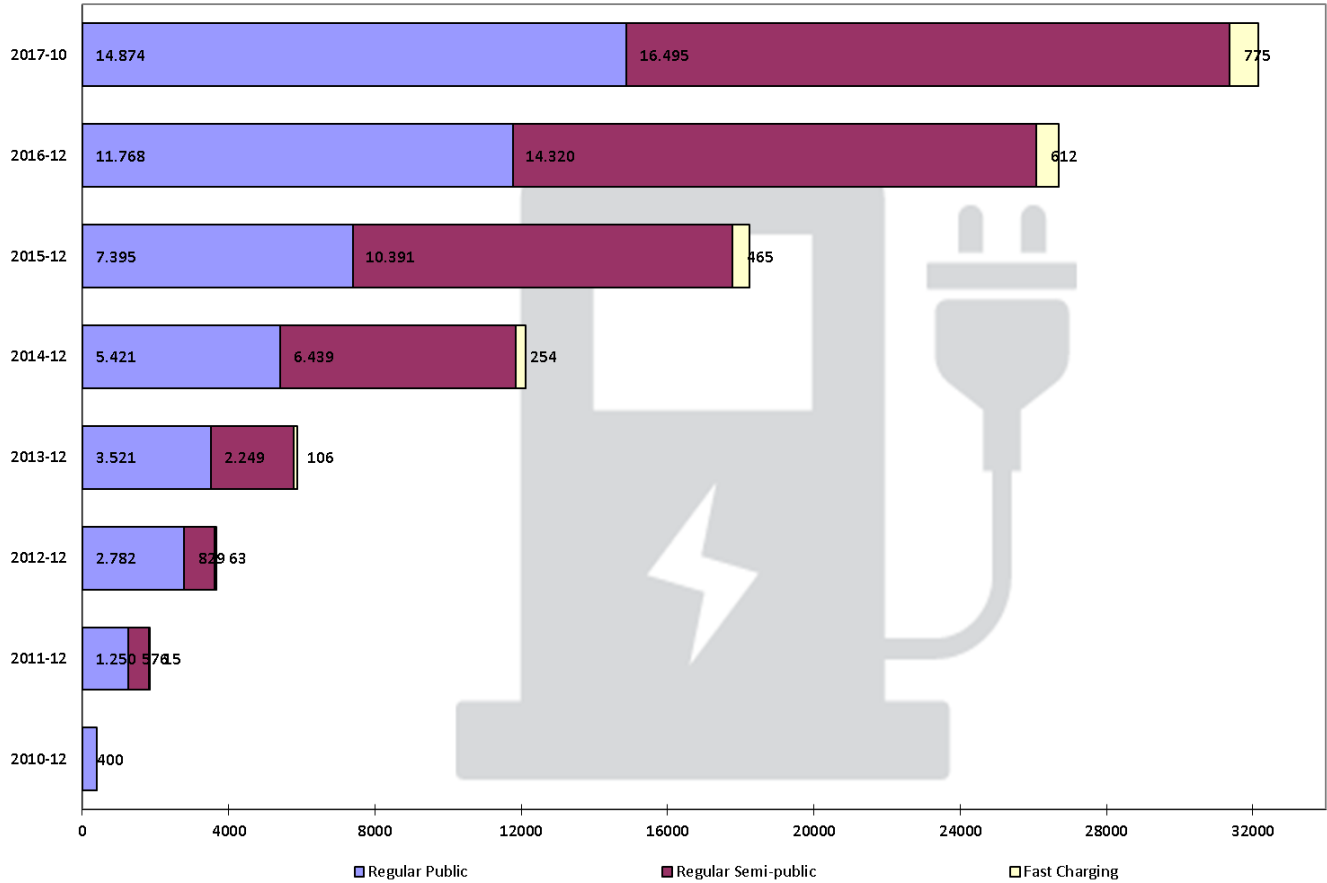
<sup>7</sup> Semi-public charging points are interoperabel and have been reported as accessible by their owners. These charging points can for example be found in shopping malls, office buildings, parking garages and at private persons who have made their charging point accessible to others.

<sup>8</sup> Fast charging location = geographical location consisting of one or more chargers with an electric power of 43kW (AC) or 50kW (DC).

<sup>9</sup> This estimation is carried out once or twice a year.



## Development in the number of charging points<sup>6</sup>



## Hydrogen refuelling stations

The Netherlands has 3 hydrogen refuelling locations, in Rhooen (in the West of the country, for both 350 bar and 700 bar), in Helmond (in the south of the country, for both 350 bar and 700 bar) and in Arnhem (in the east of the country, for 350 bar).