



Statistics Electric Vehicles in the Netherlands

Special: Analysis over 2016

This special gives an overview of the development of electric vehicles (passenger cars) and charging infrastructure in the Netherlands in 2016.

Registrations of electric passenger cars (battery electric vehicles, BEVs and plug-in hybrid electric vehicles, included range-extended vehicles, PHEVs) increased over a quarter in 2016 compared to 2015. The number of BEVs relatively increased the most, by 40%, as can be seen in the table. \

Total registrations per vehicle type	31-12-2013	31-12-2014	31-12-2015	31-12-2016	Growth percentage (in comparison to 31-12-2015)
BEV	4,161	6,825	9,368	13,105	40%
PHEV	24,512	36,937	78,163	98,903	27%
Total EV passenger cars	28,673	43,762	87,531	112,008	28%

Source: Dutch Road Authority, edited by RVO.nl

The table underneath gives the month-by-month development of all registrations of new passenger cars compared to the registrations of BEVs and PHEVs. Over the year 2016 6.4% of new registrations were BEVs or PHEVs. In 2015 this percentage was 9.7%.

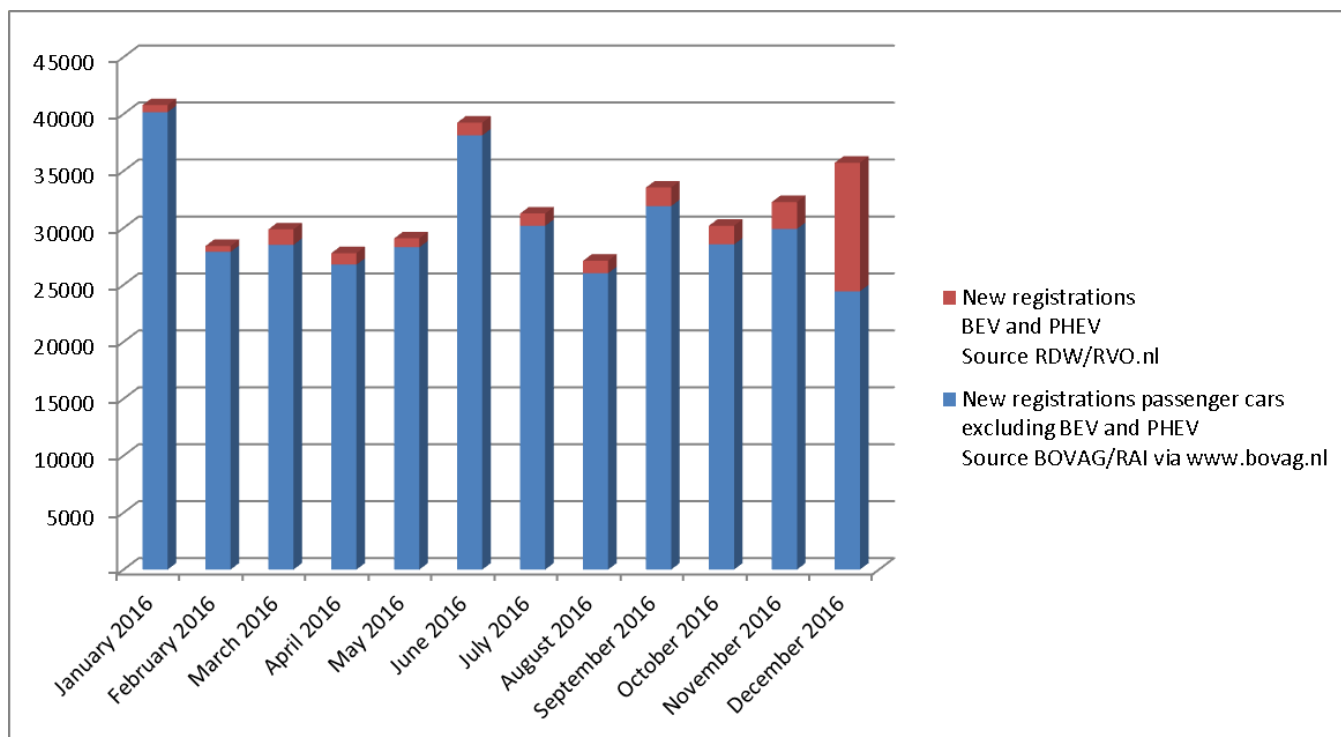
Period	New registrations all passenger cars	New registrations BEV and PHEV passenger cars	Percentage BEV and PHEV of total registrations
Jan-16	40,776	614	1.5%
Feb-16	28,408	516	1.8%
Mar-16	29,869	1,358	4.5%
Apr-16	27,783	1,011	3.6%
May-16	29,083	784	2.7%
Jun-16	39,241	1,114	2.8%
Jul-16	31,261	1,079	3.5%
Aug-16	27,110	1,081	4.0%
Sep-16	33,545	1,628	4.9%
Oct-16	30,189	1,642	5.4%
Nov-16	32,271	2,358	7.3%
Dec-16	35,723	11,292	31.6%
Total 2016	382,825*	24,477	6.4%

Source: all registrations: BOVAG/RAI via www.bovag.nl, BEV and PHEV: Dutch Road Authority, edited by RVO.nl

*The total number does not add up to the individual monthly numbers because the total number is corrected for changes in the registration due to vehicle theft, export, damage, etc. This correction is done monthly for electric vehicles.



This graph shows the development of new registrations:



Source: all registrations: BOVAG/RAI via www.bovag.nl, BEV and PHEV: Dutch Road Authority, edited by RVO.nl

The next table shows, next to the registrations of BEVs and PHEVs, also the registrations of full hybrid vehicles (HEVs). Just as in the years 2014 and 2015, there were more registrations of plug-in hybrids than of full hybrids in 2016 (almost twice as much).

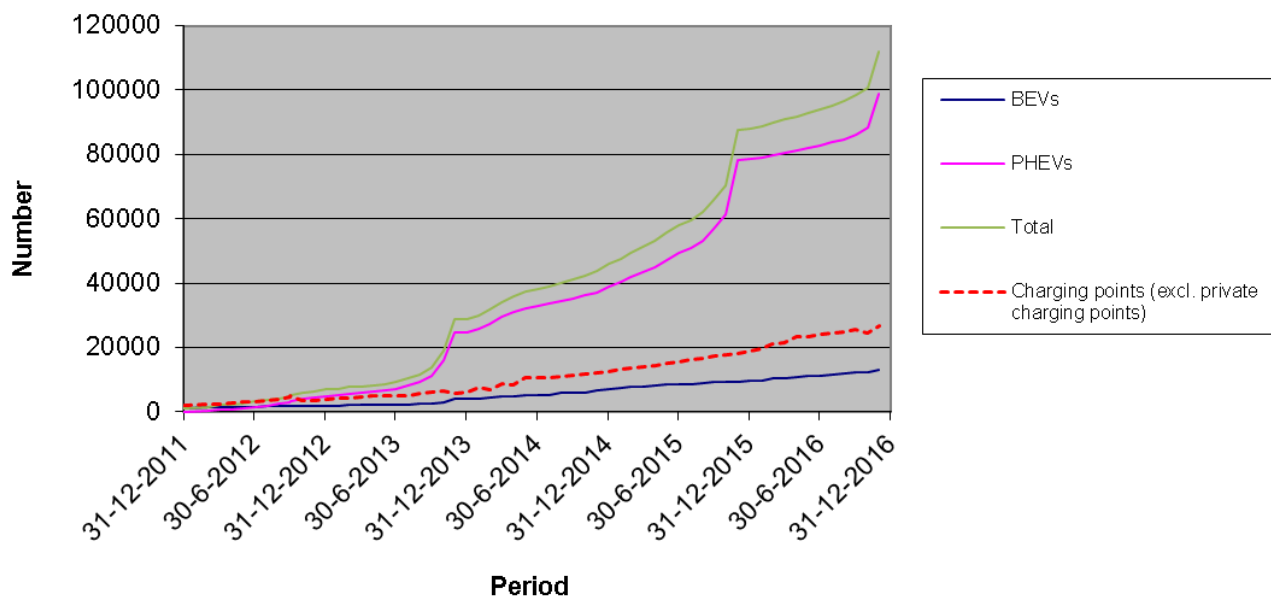
Registrations per vehicle type	Total per 31-12-2012	Total per 31-12-2013	Total per 31-12-2014	Total per 31-12-2015	Total per 31-12-2016	Registrations in 2016
BEV	1,910	4,161	6,825	9,368	13,105	3,737
PHEV	4,348	24,512	36,937	78,163	98,903	20,740
HEV	88,562	106,918	117,259	131,011	141,559	10,548

Source: Dutch Road Authority, edited by RVO.nl

Finally the last graph shows the development of the registrations of BEV passenger cars in comparison to PHEV passenger cars. The development of the number of charging points (public, semi-public and fast charging) is also visible.



Development electric passenger cars and charging points



Source vehicles: Dutch Road Authority, edited by RVO.nl

Source charging points: 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.