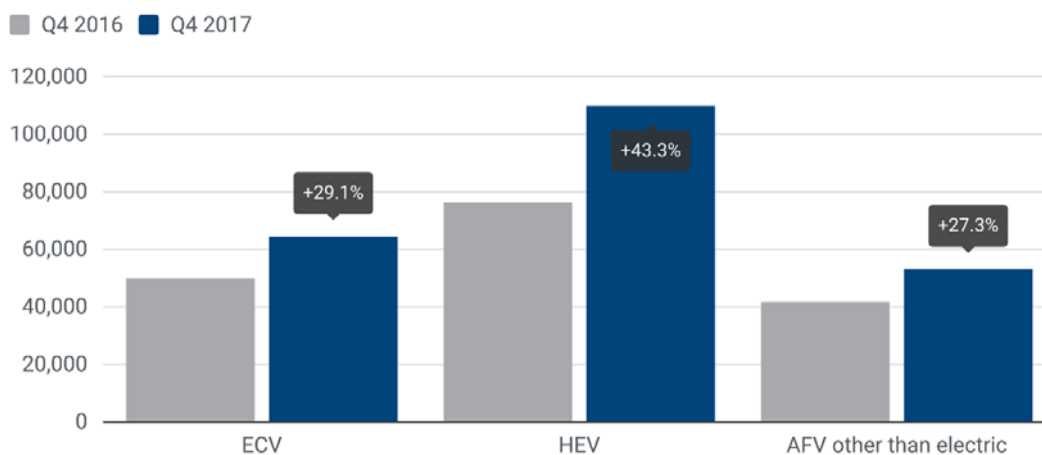


NEW PASSENGER CAR REGISTRATIONS BY ALTERNATIVE FUEL TYPE IN THE EUROPEAN UNION¹

Quarter 4 2017



Alternative fuel vehicle registrations: +35.1% in fourth quarter; +39.7% in 2017

In the fourth quarter of 2017, demand for alternative fuel vehicles (AFVs) in the European Union continued to grow – EU results were 35.1% higher than in the same period in 2016. The 227,378 alternatively-powered cars registered during the last quarter of 2017 accounted for 6.7% of total passenger car sales, while electrically-chargeable vehicles (ECVs) made up for 1.9% of all cars sold across the European Union.

Registrations of battery electric (54.8%) and hybrid electric cars (43.3%) accounted for the strongest growth. Demand for plug-in hybrid cars continued to grow (+15.0%), albeit at a more moderate pace than in previous quarters. The EU market for LPG and NGV vehicles also ended the year strongly, with demand increasing by 27.3% in the last quarter of 2017.

Compared to one year ago AFV sales almost doubled in Spain (+90.8%), followed by Germany (+76.8%), the United Kingdom (+35.6%), France (+33.4%) and Italy (+30.7%) – the latter benefiting from recovering demand for LPG-fuelled cars, as in previous quarters.

Overall in 2017, 852,933 alternative fuel vehicles were registered in the European Union, up 39.7% compared to 2016. The uplift was mainly driven by the hybrid electric segment (+54.8%), followed electrically-chargeable vehicles (+39.0%) and other alternative fuels (+16.4%) that returned to growth after losing ground in 2016. When looking at their market share, alternative fuel vehicles still only play a minor role in the European Union. Alternatively-powered cars accounted for 5.7% of the EU market in 2017, with electrically-chargeable vehicles constituting 1.4% of total passenger car sales last year.

¹ Data for Croatia, Cyprus, Luxembourg and Malta is not available

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ BATTERY ELECTRIC VEHICLES

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	1,352	907	49.1	5,433	3,826	42.0
BELGIUM	666	508	31.1	2,709	2,054	31.9
BULGARIA	68	5	1260.0	68	5	1260.0
CZECH REPUBLIC ²	73	70	4.3	307	200	53.5
DENMARK	261	631	-58.6	698	1,312	-46.8
ESTONIA	3	6	-50.0	26	35	-25.7
FINLAND	111	59	88.1	502	223	125.1
FRANCE	6,147	5,661	8.6	24,910	21,752	14.5
GERMANY	8,623	3,732	131.1	25,056	11,410	119.6
GREECE	17	1	1600.0	38	12	216.7
HUNGARY	310	51	507.8	749	172	335.5
IRELAND	41	21	95.2	622	392	58.7
ITALY	535	441	21.3	1,967	1,377	42.8
LATVIA	7	5	40.0	39	22	77.3
LITHUANIA ²	15	11	36.4	52	64	-18.8
NETHERLANDS	3,244	1,308	148.0	9,897	4,268	131.9
POLAND	176	39	351.3	439	108	306.5
PORTUGAL	545	218	150.0	1,640	756	116.9
ROMANIA ²	91	51	78.4	188	74	154.1
SLOVAKIA	80	22	263.6	209	59	254.2
SLOVENIA	86	48	79.2	288	144	100.0
SPAIN	1,566	844	85.5	3,920	2,005	95.5
SWEDEN	908	904	0.4	4,217	2,945	43.2
UNITED KINGDOM	2,470	2,157	14.5	13,597	10,264	32.5
EUROPEAN UNION	27,395	17,700	54.8	97,571	63,479	53.7
EU15	26,486	17,392	52.3	95,206	62,596	52.1
EU (New Members)	909	308	195.1	2,365	883	167.8
NORWAY	9,788	6,737	45.3	33,025	24,222	36.3
SWITZERLAND	1,629	913	78.4	4,773	3,295	44.9
EFTA	11,417	7,650	49.2	37,798	27,517	37.4
EU + EFTA	38,812	25,350	53.1	135,369	90,996	48.8
EU15 + EFTA	37,903	25,042	51.4	133,004	90,113	47.6

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² Can't distinguish between BEV and PHEV

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ PLUG-IN HYBRID ELECTRIC VEHICLES

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	512	358	43.0	1,721	1,237	39.1
BELGIUM	3,008	1,793	67.8	11,287	6,671	69.2
BULGARIA	3	4	-25.0	38	8	375.0
CZECH REPUBLIC	-	-		-	-	
DENMARK	454	206	120.4	614	572	7.3
ESTONIA	1	0		17	0	
FINLAND	852	354	140.7	2,533	1,207	109.9
FRANCE	4,085	1,855	120.2	11,868	7,429	59.8
GERMANY	9,021	4,349	107.4	29,439	13,751	114.1
GREECE	52	5	940.0	161	31	419.4
HUNGARY	151	58	160.3	443	171	159.1
IRELAND	31	15	106.7	326	298	9.4
ITALY	733	284	158.1	2,646	1,307	102.4
LATVIA	4	3	33.3	17	18	-5.6
LITHUANIA	-	-		-	-	
NETHERLANDS	271	13,396	-98.0	1,158	18,628	-93.8
POLAND	188	86	118.6	585	404	44.8
PORTUGAL	905	319	183.7	2,416	1,048	130.5
ROMANIA	-	-		-	-	
SLOVAKIA	-	-		-	-	
SLOVENIA	68	13	423.1	165	46	258.7
SPAIN	1,257	292	330.5	3,370	1,511	123.0
SWEDEN	5,768	2,974	93.9	15,447	10,296	50.0
UNITED KINGDOM	8,850	5,133	72.4	31,154	24,899	25.1
EUROPEAN UNION	36,214	31,497	15.0	115,405	89,532	28.9
EU15	35,799	31,333	14.3	114,140	88,885	28.4
EU (New Members)	415	164	153.0	1,265	647	95.5
NORWAY	8,078	3,768	114.4	25,165	15,517	62.2
SWITZERLAND	1,141	741	54.0	3,404	2,829	20.3
EFTA	9,219	4,509	104.5	28,569	18,346	55.7
EU + EFTA	45,433	36,006	26.2	143,974	107,878	33.5
EU15 + EFTA	45,018	35,842	25.6	142,709	107,231	33.1

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ TOTAL ELECTRIC CHARGEABLE VEHICLES

Electrically chargeable vehicle (ECV) = battery electric vehicles (BEV) + extended-range electric vehicles (EREV) + fuel cell electric vehicles (FCEV) + plug-in hybrid electric vehicles (PHEV)

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	1,864	1,270	46.8	7,154	5,068	41.2
BELGIUM	3,752	2,301	63.1	14,299	8,984	59.2
BULGARIA	71	9	688.9	106	13	715.4
CZECH REPUBLIC	73	70	4.3	307	200	53.5
DENMARK	731	850	-14.0	1,342	1,920	-30.1
ESTONIA	4	6	-33.3	43	35	22.9
FINLAND	969	413	134.6	3,055	1,430	113.6
FRANCE	10,254	7,525	36.3	36,835	29,194	26.2
GERMANY	17,694	8,087	118.8	54,617	25,214	116.6
GREECE	69	6	1050.0	199	43	362.8
HUNGARY	461	109	322.9	1,192	343	247.5
IRELAND	72	36	100.0	948	690	37.4
ITALY	1,315	770	70.8	4,827	2,819	71.2
LATVIA	11	8	37.5	56	40	40.0
LITHUANIA	15	11	36.4	52	64	-18.8
NETHERLANDS	3,517	14,723	-76.1	11,079	22,939	-51.7
POLAND	369	150	146.0	1,068	569	87.7
PORTUGAL	1,462	548	166.8	4,082	1,845	121.2
ROMANIA	91	51	78.4	188	74	154.1
SLOVAKIA	80	22	263.6	209	59	254.2
SLOVENIA	155	61	154.1	456	198	130.3
SPAIN	2,871	1,154	148.8	7,476	3,654	104.6
SWEDEN	6,684	3,887	72.0	19,678	13,260	48.4
UNITED KINGDOM	11,863	7,835	51.4	47,298	37,102	27.5
EUROPEAN UNION	64,447	49,902	29.1	216,566	155,757	39.0
EU15	63,117	49,405	27.8	212,889	154,162	38.1
EU (New Members)	1,330	497	167.6	3,677	1,595	130.5
NORWAY	19,217	11,522	66.8	62,313	44,908	38.8
SWITZERLAND	2,824	1,715	64.7	8,391	6,403	31.0
EFTA	22,041	13,237	66.5	70,704	51,311	37.8
EU + EFTA	86,488	63,139	37.0	287,270	207,068	38.7
EU15 + EFTA	85,158	62,642	35.9	283,593	205,473	38.0

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ HYBRID ELECTRIC VEHICLES

Hybrid electric vehicles (HEV) = full hybrids + mild hybrids

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	1,673	1,062	57.5	6,572	3,474	89.2
BELGIUM	2,462	2,348	4.9	12,571	9,501	32.3
BULGARIA	412	258	59.7	1,195	580	106.0
CZECH REPUBLIC	787	461	70.7	2,826	1,541	83.4
DENMARK	1,513	1,377	9.9	7,101	6,781	4.7
ESTONIA	238	194	22.7	1,188	765	55.3
FINLAND	1,703	1,117	52.5	8,514	4,678	82.0
FRANCE	20,098	15,445	30.1	69,680	50,956	36.7
GERMANY	15,150	10,543	43.7	55,236	34,245	61.3
GREECE	737	394	87.1	2,348	1,545	52.0
HUNGARY	994	530	87.5	3,539	1,674	111.4
IRELAND	91	13	600.0	4,435	2,570	72.6
ITALY	17,415	10,171	71.2	63,398	37,240	70.2
LATVIA	124	115	7.8	344	286	20.3
LITHUANIA	214	107	100.0	715	401	78.3
NETHERLANDS	4,254	4,187	1.6	17,667	10,972	61.0
POLAND	4,852	2,909	66.8	16,896	10,050	68.1
PORTUGAL	1,376	981	40.3	4,692	3,204	46.4
ROMANIA	570	405	40.7	2,039	1,089	87.2
SLOVAKIA	558	149	274.5	1,936	363	433.3
SLOVENIA	286	87	228.7	1,005	369	172.4
SPAIN	15,002	9,073	65.3	55,522	30,897	79.7
SWEDEN	5,600	3,690	51.8	19,562	13,759	42.2
UNITED KINGDOM	13,833	11,113	24.5	72,523	51,789	40.0
EUROPEAN UNION	109,942	76,729	43.3	431,504	278,729	54.8
EU15	100,907	71,514	41.1	399,821	261,611	52.8
EU (New Members)	9,035	5,215	73.3	31,683	17,118	85.1
NORWAY	4,798	4,216	13.8	20,500	17,259	18.8
SWITZERLAND	2,213	2,099	5.4	8,414	7,673	9.7
EFTA	7,011	6,315	11.0	28,914	24,932	16.0
EU + EFTA	116,953	83,044	40.8	460,418	303,661	51.6
EU15 + EFTA	107,918	77,829	38.7	428,735	286,543	49.6

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ OTHER ALTERNATIVE FUEL VEHICLES

Alternative fuel vehicles other than electric = natural gas vehicles (NGV) +
LPG-fueled vehicles + ethanol (E85) vehicles

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	154	115	33.9	435	486	-10.5
BELGIUM	688	426	61.5	2,673	2,290	16.7
BULGARIA	-	-		-	-	
CZECH REPUBLIC	1,045	931	12.2	4,090	3,349	22.1
DENMARK	4	7	-42.9	47	36	30.6
ESTONIA	3	0		40	25	60.0
FINLAND	164	45	264.4	434	177	145.2
FRANCE	871	435	100.2	1,803	1,489	21.1
GERMANY	2,890	1,585	82.3	8,136	6,247	30.2
GREECE	145	54	168.5	359	293	22.5
HUNGARY	15	10	50.0	34	40	-15.0
IRELAND	-	-		-	-	
ITALY	39,253	33,432	17.4	161,785	145,494	11.2
LATVIA	18	25	-28.0	92	82	12.2
LITHUANIA	-	-		-	-	
NETHERLANDS ²	534	623	-14.3	2,145	1,519	41.2
POLAND	2,551	1,932	32.0	10,051	6,512	54.3
PORTUGAL	534	343	55.7	1,756	1,027	71.0
ROMANIA	-	-		-	-	
SLOVAKIA	176	109	61.5	760	491	54.8
SLOVENIA	56	58	-3.4	382	298	28.2
SPAIN	2,224	307	624.4	4,918	1,670	194.5
SWEDEN	1,664	1,183	40.7	4,923	4,514	9.1
UNITED KINGDOM	-	-		-	-	
EUROPEAN UNION	52,989	41,620	27.3	204,863	176,039	16.4
EU15	49,125	38,555	27.4	189,414	165,242	14.6
EU (New Members)	3,864	3,065	26.1	15,449	10,797	43.1
NORWAY	37	0		40	4	900.0
SWITZERLAND²	240	337	-28.8	764	944	-19.1
EFTA	277	337	-17.8	804	948	-15.2
EU + EFTA	53,266	41,957	27.0	205,667	176,987	16.2
EU15 + EFTA	49,402	38,892	27.0	190,218	166,190	14.5

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² Includes biofuels

NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU¹ TOTAL ALTERNATIVE FUEL VEHICLES

Alternative fuel vehicles (AFV) = electrically chargeable vehicle + hybrid electric vehicles + alternative fuels other than electric

	Q4 2017	Q4 2016	% Change	Q1-Q4 2017	Q1-Q4 2016	% Change
AUSTRIA	3,691	2,447	50.8	14,161	9,028	56.9
BELGIUM	6,902	5,075	36.0	29,543	20,775	42.2
BULGARIA	483	267	80.9	1,301	593	119.4
CZECH REPUBLIC	1,905	1,462	30.3	7,223	5,090	41.9
DENMARK	2,248	2,234	0.6	8,490	8,737	-2.8
ESTONIA	245	200	22.5	1,271	825	54.1
FINLAND	2,836	1,575	80.1	12,003	6,285	91.0
FRANCE	31,223	23,405	33.4	108,318	81,639	32.7
GERMANY	35,734	20,215	76.8	117,989	65,706	79.6
GREECE	951	454	109.5	2,906	1,881	54.5
HUNGARY	1,470	649	126.5	4,765	2,057	131.6
IRELAND	163	49	232.7	5,383	3,260	65.1
ITALY	57,983	44,373	30.7	230,010	185,553	24.0
LATVIA	153	148	3.4	492	408	20.6
LITHUANIA	229	118	94.1	767	465	64.9
NETHERLANDS	8,305	19,533	-57.5	30,891	35,430	-12.8
POLAND	7,772	4,991	55.7	28,015	17,131	63.5
PORTUGAL	3,372	1,872	80.1	10,530	6,076	73.3
ROMANIA	661	456	45.0	2,227	1,163	91.5
SLOVAKIA	814	280	190.7	2,905	913	218.2
SLOVENIA	497	206	141.3	1,843	865	113.1
SPAIN	20,097	10,534	90.8	67,916	36,221	87.5
SWEDEN	13,948	8,760	59.2	44,163	31,533	40.1
UNITED KINGDOM	25,696	18,948	35.6	119,821	88,891	34.8
EUROPEAN UNION	227,378	168,251	35.1	852,933	610,525	39.7
EU15	213,149	159,474	33.7	802,124	581,015	38.1
EU (New Members)	14,229	8,777	62.1	50,809	29,510	72.2
NORWAY	24,052	15,738	52.8	82,853	62,171	33.3
SWITZERLAND	5,277	4,151	27.1	17,569	15,020	17.0
EFTA	29,329	19,889	47.5	100,422	77,191	30.1
EU + EFTA	256,707	188,140	36.4	953,355	687,716	38.6
EU15 + EFTA	242,478	179,363	35.2	902,546	658,206	37.1

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed