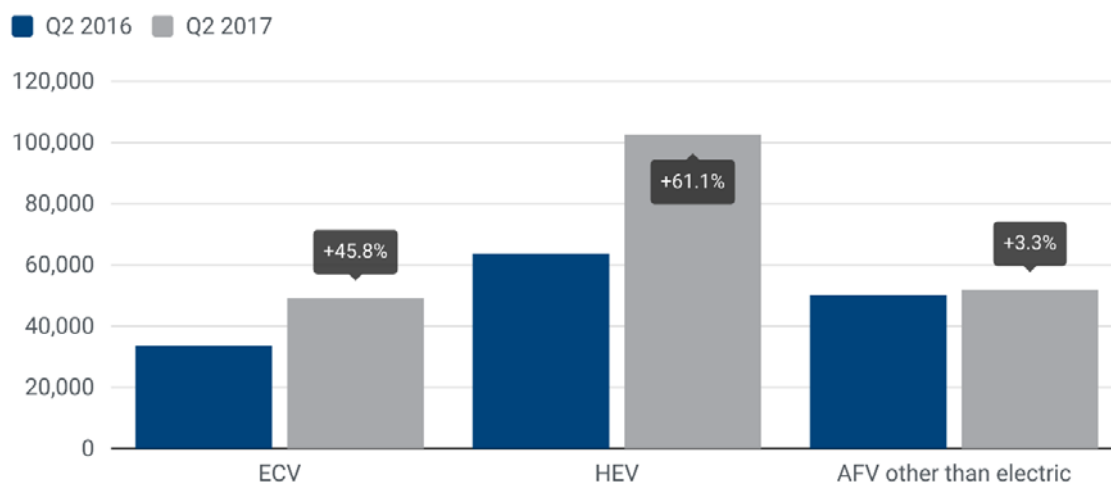


NEW PASSENGER CAR REGISTRATIONS BY ALTERNATIVE FUEL TYPE IN THE EUROPEAN UNION¹

Quarter 2 2017



Alternative fuel vehicle registrations: +38.0% in second quarter of 2017

In the second quarter of 2017, EU demand for alternative fuel vehicles (AFV) continued the positive momentum from the first quarter. Registrations went up by 38.0% compared to the same period last year. A total of 204,502 cars with alternative powertrains were registered in the EU, accounting for 5.1% of all passenger cars sold in the second quarter of 2017. Electrically-chargeable vehicles (ECV) accounted for 1.2% of total car sales.

Registrations of hybrids vehicles (HEV) and ECVs grew considerably (up +61.1% and +45.8% respectively); the latter supported by significant growth in demand for both battery (+49.7%) and plug-in electric cars (+42.3%). Registrations of new cars powered by propane or natural gas also increased during the second quarter of the year (+3.3%), largely the result of an uplift in registrations of LPG-fuelled cars (+23.7%).

All five big markets posted double-digit increases, thereby significantly contributing to the positive performance of the EU market. Germany and Spain saw the largest increases over the last quarter, with respectively +91.9% and +80.7%, followed by France (+28.6%), the United Kingdom (+24.4%) and Italy (+18.1%). Growth in most of these countries was fully driven by the electric and hybrid-electric segments. The UK, Germany and France accounted for the largest numbers of new electrically-chargeable cars. The positive performance of the Italian market, on the other hand, was mainly the result of recovering demand for cars running on LPG.

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

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

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	1,453	1,016	43.0	2,679	2,008	33.4
BELGIUM	695	499	39.3	1,483	1,083	36.9
BULGARIA	0	0		0	0	
CZECH REPUBLIC ²	61	42	45.2	149	86	73.3
DENMARK	89	133	-33.1	137	244	-43.9
ESTONIA	6	7	-14.3	19	25	-24.0
FINLAND	143	35	308.6	268	112	139.3
FRANCE	6,153	6,316	-2.6	13,555	12,338	9.9
GERMANY	5,129	2,025	153.3	10,189	4,357	133.9
GREECE	8	2	300.0	12	9	33.3
HUNGARY	169	46	267.4	288	97	196.9
IRELAND	76	27	181.5	374	286	30.8
ITALY	472	274	72.3	1,001	678	47.6
LATVIA	16	6	166.7	25	11	127.3
LITHUANIA ²	11	33	-66.7	22	47	-53.2
NETHERLANDS	2,094	781	168.1	4,240	1,942	118.3
POLAND	59	11	436.4	125	33	278.8
PORTUGAL	360	181	98.9	729	338	115.7
ROMANIA ²	22	11	100.0	33	16	106.3
SLOVAKIA	63	15	320.0	90	23	291.3
SLOVENIA	73	22	231.8	131	45	191.1
SPAIN	678	441	53.7	1,266	846	49.6
SWEDEN	1,157	698	65.8	2,200	1,361	61.6
UNITED KINGDOM	3,060	2,103	45.5	7,694	5,267	46.1
EUROPEAN UNION	22,047	14,724	49.7	46,709	31,252	49.5
EU15	21,567	14,531	48.4	45,827	30,869	48.5
EU (New Members)	480	193	148.7	882	383	130.3
NORWAY	7,804	5,319	46.7	14,786	11,744	25.9
SWITZERLAND	971	765	26.9	2,024	1,538	31.6
EFTA	8,775	6,084	44.2	16,810	13,282	26.6
EU + EFTA	30,822	20,808	48.1	63,519	44,534	42.6
EU15 + EFTA	30,342	20,615	47.2	62,637	44,151	41.9

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

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	427	290	47.2	707	562	25.8
BELGIUM	3,265	1,769	84.6	5,540	3,294	68.2
BULGARIA	11	1	1000.0	13	2	550.0
CZECH REPUBLIC	N/A	N/A		N/A	N/A	
DENMARK	71	122	-41.8	101	214	-52.8
ESTONIA	5	0		5	0	
FINLAND	537	259	107.3	1,013	572	77.1
FRANCE	2,958	1,730	71.0	4,901	3,825	28.1
GERMANY	7,002	2,622	167.0	12,266	6,128	100.2
GREECE	37	9	311.1	70	20	250.0
HUNGARY	108	31	248.4	173	51	239.2
IRELAND	24	54	-55.6	161	155	3.9
ITALY	741	324	128.7	1,209	738	63.8
LATVIA	4	4	0.0	9	12	-25.0
LITHUANIA	N/A	N/A		N/A	N/A	
NETHERLANDS	267	1,635	-83.7	618	2,792	-77.9
POLAND	131	94	39.4	209	216	-3.2
PORTUGAL	535	220	143.2	923	469	96.8
ROMANIA	N/A	N/A		N/A	N/A	
SLOVAKIA	70	0		70	0	
SLOVENIA	39	10	290.0	54	19	184.2
SPAIN	746	511	46.0	1,120	879	27.4
SWEDEN	3,113	3,045	2.2	5,875	4,504	30.4
UNITED KINGDOM	6,640	6,061	9.6	13,370	13,501	-1.0
EUROPEAN UNION	26,731	18,791	42.3	48,407	37,953	27.5
EU15	26,363	18,651	41.3	47,874	37,653	27.1
EU (New Members)	368	140	162.9	533	300	77.7
NORWAY	4,987	4,316	15.5	10,594	7,486	41.5
SWITZERLAND	799	636	25.6	1,345	1,342	0.2
EFTA	5,786	4,952	16.8	11,939	8,828	35.2
EU + EFTA	32,517	23,743	37.0	60,346	46,781	29.0
EU15 + EFTA	32,149	23,603	36.2	59,813	46,481	28.7

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)

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	1,880	1,306	44.0	3,386	2,570	31.8
BELGIUM	4,041	2,341	72.6	7,182	4,558	57.6
BULGARIA	11	1	1000.0	13	2	550.0
CZECH REPUBLIC	61	42	45.2	149	86	73.3
DENMARK	165	260	-36.5	250	466	-46.4
ESTONIA	11	7	57.1	24	25	-4.0
FINLAND	680	294	131.3	1,285	684	87.9
FRANCE	9,117	8,047	13.3	18,464	16,164	14.2
GERMANY	12,137	4,675	159.6	22,465	10,524	113.5
GREECE	45	11	309.1	82	29	182.8
HUNGARY	277	77	259.7	461	148	211.5
IRELAND	100	81	23.5	535	441	21.3
ITALY	1,259	614	105.0	2,320	1,453	59.7
LATVIA	20	10	100.0	34	23	47.8
LITHUANIA	11	33	-66.7	22	47	-53.2
NETHERLANDS	2,370	2,420	-2.1	4,872	4,747	2.6
POLAND	203	116	75.0	364	269	35.3
PORTUGAL	903	408	121.3	1,661	827	100.8
ROMANIA	22	11	100.0	33	16	106.3
SLOVAKIA	133	15	786.7	160	23	595.7
SLOVENIA	112	35	220.0	186	69	169.6
SPAIN	1,481	1,004	47.5	2,489	1,815	37.1
SWEDEN	4,271	3,748	14.0	8,081	5,870	37.7
UNITED KINGDOM	10,279	8,459	21.5	22,370	19,507	14.7
EUROPEAN UNION	49,589	34,015	45.8	96,888	70,363	37.7
EU15	48,728	33,668	44.7	95,442	69,655	37.0
EU (New Members)	861	347	148.1	1,446	708	104.2
NORWAY	13,713	11,158	22.9	27,202	22,090	23.1
SWITZERLAND	1,828	1,482	23.3	3,483	3,010	15.7
EFTA	15,541	12,640	23.0	30,685	25,100	22.3
EU + EFTA	65,130	46,655	39.6	127,573	95,463	33.6
EU15 + EFTA	64,269	46,308	38.8	126,127	94,755	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 HYBRID ELECTRIC VEHICLES

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

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	1,635	794	105.9	3,309	1,370	141.5
BELGIUM	3,224	2,269	42.1	7,470	4,836	54.5
BULGARIA	349	114	206.1	588	175	236.0
CZECH REPUBLIC	723	357	102.5	1,343	676	98.7
DENMARK	2,351	1,841	27.7	3,948	3,310	19.3
ESTONIA	348	189	84.1	642	303	111.9
FINLAND	2,237	1,250	79.0	4,435	2,357	88.2
FRANCE	15,111	10,615	42.4	34,460	25,442	35.4
GERMANY	13,282	7,624	74.2	25,254	14,507	74.1
GREECE	509	439	15.9	998	681	46.5
HUNGARY	1,006	416	141.8	1,717	695	147.1
IRELAND	511	329	55.3	2,874	1,616	77.8
ITALY	17,055	9,425	81.0	32,420	19,194	68.9
LATVIA	70	47	48.9	139	92	51.1
LITHUANIA	147	136	8.1	282	207	36.2
NETHERLANDS	4,257	2,150	98.0	8,890	3,886	128.8
POLAND	3,781	2,396	57.8	8,513	4,661	82.6
PORTUGAL	1,157	707	63.6	2,170	1,546	40.4
ROMANIA	768	192	300.0	1,160	318	264.8
SLOVAKIA	462	75	516.0	789	124	536.3
SLOVENIA	259	82	215.9	456	167	173.1
SPAIN	14,222	7,500	89.6	26,911	13,883	93.8
SWEDEN	4,532	3,124	45.1	9,153	6,409	42.8
UNITED KINGDOM	14,973	11,839	26.5	36,287	26,498	36.9
EUROPEAN UNION	102,969	63,910	61.1	214,208	132,953	61.1
EU15	95,056	59,906	58.7	198,579	125,535	58.2
EU (New Members)	7,913	4,004	97.6	15,629	7,418	110.7
NORWAY	5,182	4,337	19.5	10,606	8,009	32.4
SWITZERLAND	2,303	1,931	19.3	4,067	3,538	15.0
EFTA	7,485	6,268	19.4	14,673	11,547	27.1
EU + EFTA	110,454	70,178	57.4	228,881	144,500	58.4
EU15 + EFTA	102,541	66,174	55.0	213,252	137,082	55.6

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

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	107	165	-35.2	183	294	-37.8
BELGIUM	690	877	-21.3	1,216	1,473	-17.4
BULGARIA	N/A	N/A		N/A	N/A	
CZECH REPUBLIC	1,036	854	21.3	2,080	1,685	23.4
DENMARK	0	2	-100.0	15	29	-48.3
ESTONIA	17	18	-5.6	36	25	44.0
FINLAND	97	48	102.1	141	94	50.0
FRANCE	300	405	-25.9	575	671	-14.3
GERMANY	1,629	1,797	-9.3	3,186	3,304	-3.6
GREECE	43	90	-52.2	126	162	-22.2
HUNGARY	3	15	-80.0	8	24	-66.7
IRELAND	N/A	N/A		N/A	N/A	
ITALY	42,500	41,464	2.5	88,561	84,091	5.3
LATVIA	19	11	72.7	54	31	74.2
LITHUANIA	N/A	N/A		N/A	N/A	
NETHERLANDS ²	565	317	78.2	937	486	92.8
POLAND	2,570	1,703	50.9	5,080	3,155	61.0
PORTUGAL	355	303	17.2	740	492	50.4
ROMANIA	0	0		0	0	
SLOVAKIA	207	152	36.2	396	281	40.9
SLOVENIA	141	88	60.2	211	175	20.6
SPAIN	903	684	32.0	1,450	1,089	33.1
SWEDEN	762	1,269	-40.0	1,803	2,364	-23.7
UNITED KINGDOM	0	0		0	0	
EUROPEAN UNION	51,944	50,262	3.3	106,798	99,925	6.9
EU15	47,951	47,421	1.1	98,933	94,549	4.6
EU (New Members)	3,993	2,841	40.5	7,865	5,376	46.3
NORWAY	0	0		1	3	-66.7
SWITZERLAND²	154	242	-36.4	314	400	-21.5
EFTA	154	242	-36.4	315	403	-21.8
EU + EFTA	52,098	50,504	3.2	107,113	100,328	6.8
EU15 + EFTA	48,105	47,663	0.9	99,248	94,952	4.5

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

	Q2 2017	Q2 2016	% Change	Q1-Q2 2017	Q1-Q2 2016	% Change
AUSTRIA	3,622	2,265	59.9	6,878	4,234	62.4
BELGIUM	7,955	5,487	45.0	15,868	10,867	46.0
BULGARIA	360	115	213.0	601	177	239.5
CZECH REPUBLIC	1,820	1,253	45.3	3,572	2,447	46.0
DENMARK	2,516	2,103	19.6	4,213	3,805	10.7
ESTONIA	376	214	75.7	702	353	98.9
FINLAND	3,014	1,592	89.3	5,861	3,135	87.0
FRANCE	24,528	19,067	28.6	53,499	42,277	26.5
GERMANY	27,048	14,096	91.9	50,905	28,335	79.7
GREECE	597	540	10.6	1,206	872	38.3
HUNGARY	1,286	508	153.1	2,186	867	152.1
IRELAND	611	410	49.0	3,409	2,057	65.7
ITALY	60,814	51,503	18.1	123,301	104,738	17.7
LATVIA	109	68	60.3	227	146	55.5
LITHUANIA	158	169	-6.5	304	254	19.7
NETHERLANDS	7,192	4,887	47.2	14,699	9,119	61.2
POLAND	6,554	4,215	55.5	13,957	8,085	72.6
PORTUGAL	2,415	1,418	70.3	4,571	2,865	59.5
ROMANIA	790	203	289.2	1,193	334	257.2
SLOVAKIA	802	242	231.4	1,345	428	214.3
SLOVENIA	512	205	149.8	853	411	107.5
SPAIN	16,606	9,188	80.7	30,850	16,787	83.8
SWEDEN	9,565	8,141	17.5	19,037	14,643	30.0
UNITED KINGDOM	25,252	20,298	24.4	58,657	46,005	27.5
EUROPEAN UNION	204,502	148,187	38.0	417,894	303,241	37.8
EU15	191,735	140,995	36.0	392,954	289,739	35.6
EU (New Members)	12,767	7,192	77.5	24,940	13,502	84.7
NORWAY	18,895	15,495	21.9	37,809	30,102	25.6
SWITZERLAND	4,285	3,655	17.2	7,864	6,948	13.2
EFTA	23,180	19,150	21.0	45,673	37,050	23.3
EU + EFTA	227,682	167,337	36.1	463,567	340,291	36.2
EU15 + EFTA	214,915	160,145	34.2	438,627	326,789	34.2

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed