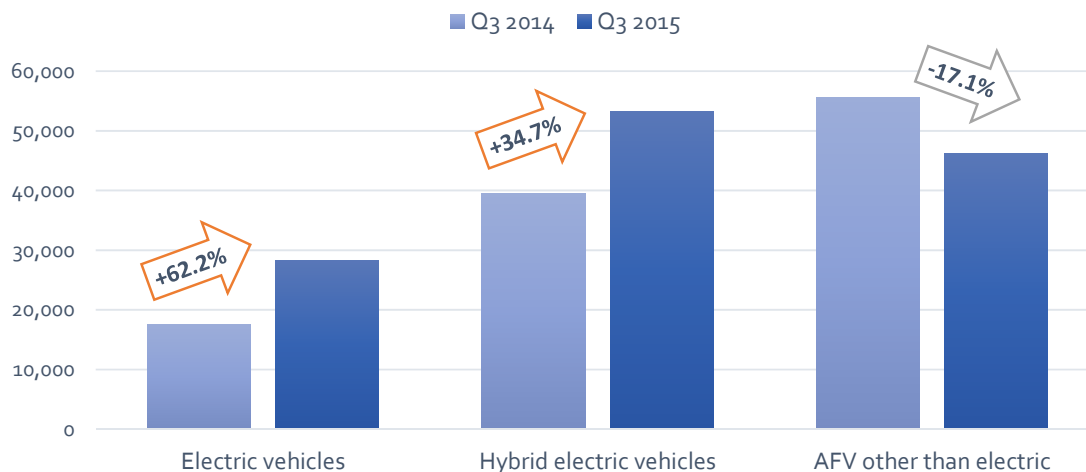


NEW ALTERNATIVE FUEL VEHICLE REGISTRATIONS IN THE EUROPEAN UNION¹

Quarter 3 2015

New alternative fuel vehicle (AFV) registrations in the EU by engine type



AFV registrations: +19.8% in the first nine months; +13.4% in Q3

In the third quarter of 2015, total alternative fuel vehicle registrations in the EU increased (+13.4%), reaching 127,661 units. Of these, electric vehicle (EV) registrations showed a substantial increase (+62.2%), rising from 17,488 units in Q3 2014 to 28,360 units in Q3 2015. Demand for new hybrid vehicles (HEV) also grew significantly (+34.7%), totalling 53,183 units. On the other hand, registrations of new passenger cars powered by propane or natural gas showed a decline in the third quarter (-17.1), totalling 46,118.

Looking at the EU's major markets, Spain saw the largest increase of AFVs registered over the third quarter (+74.0%), followed by the Netherlands (+55.5%), France (+46.1%) and the UK (+26.4%). While growth in Spain was sustained across all AFV categories, growth in the Netherlands, France and the UK was totally driven by electric and hybrid electric vehicle markets.

Among the EU+EFTA countries, Norway registered the largest number of electrically chargeable vehicles over the period, totalling 7,823 units.

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

Total alternative fuel vehicles

NEW PASSENGER CAR REGISTRATIONS BY MARKET EUROPEAN UNION¹

Alternative Fuel Vehicles (AFV) = electric vehicles (EV) + hybrid electric vehicles (HEV) + natural gas vehicles (NGV) + LPG-fueled vehicles

| | Q3 2015 | Q3 2014 | % Change | Q1-Q3 2015 | Q1-Q3 2014 | % Change |
|---------------------------------|----------------|----------------|-------------|----------------|----------------|-------------|
| AUSTRIA | 1,266 | 859 | 47.4 | 4,298 | 3,326 | 29.2 |
| BELGIUM | 2,466 | 2,092 | 17.9 | 8,989 | 7,934 | 13.3 |
| BULGARIA | 0 | 0 | | 20 | 2 | 900.0 |
| CZECH REPUBLIC | 1,328 | 939 | 41.4 | 4,131 | 2,166 | 90.7 |
| DENMARK ² | 948 | 337 | 181.3 | 2,200 | 1,017 | 116.3 |
| ESTONIA | 127 | 197 | -35.5 | 325 | 468 | -30.6 |
| FINLAND | 811 | 210 | 286.2 | 2,622 | 1,563 | 67.8 |
| FRANCE | 17,527 | 11,998 | 46.1 | 55,393 | 37,817 | 46.5 |
| GERMANY | 12,797 | 12,460 | 2.7 | 39,484 | 37,467 | 5.4 |
| GREECE | 353 | 200 | 76.5 | 921 | 544 | 69.3 |
| HUNGARY | 337 | 147 | 129.3 | 765 | 433 | 76.7 |
| IRELAND ³ | 724 | 343 | 111.1 | 1,992 | 1,199 | 66.1 |
| ITALY | 43,753 | 49,742 | -12.0 | 165,050 | 158,877 | 3.9 |
| LATVIA | 100 | 126 | -20.6 | 275 | 336 | -18.2 |
| LITHUANIA | 84 | 38 | 121.1 | 280 | 120 | 133.3 |
| NETHERLANDS | 10,545 | 6,780 | 55.5 | 27,326 | 24,533 | 11.4 |
| POLAND | 2,876 | 2,161 | 33.1 | 8,387 | 5,510 | 52.2 |
| PORTUGAL | 1,216 | 653 | 86.2 | 3,513 | 2,049 | 71.4 |
| ROMANIA | 128 | 39 | 228.2 | 299 | 174 | 71.8 |
| SLOVAKIA | 273 | 328 | -16.8 | 942 | 857 | 9.9 |
| SPAIN | 6,143 | 3,530 | 74.0 | 16,103 | 9,219 | 74.7 |
| SWEDEN | 5,481 | 4,885 | 12.2 | 16,300 | 13,739 | 18.6 |
| UNITED KINGDOM | 18,378 | 14,537 | 26.4 | 56,281 | 37,848 | 48.7 |
| EUROPEAN UNION | 127,661 | 112,601 | 13.4 | 415,896 | 347,198 | 19.8 |
| EU15 | 122,408 | 108,626 | 12.7 | 400,472 | 337,132 | 18.8 |
| EU (New Members) | 5,253 | 3,975 | 32.2 | 15,424 | 10,066 | 53.2 |
| NORWAY | 10,553 | 7,347 | 43.6 | 33,014 | 22,409 | 47.3 |
| SWITZERLAND | 3,062 | 2,240 | 36.7 | 9,773 | 6,812 | 43.5 |
| EFTA | 13,615 | 9,587 | 42.0 | 42,787 | 29,221 | 46.4 |
| TOTAL EUROPE (EU+EFTA) | 141,276 | 122,188 | 15.6 | 458,683 | 376,419 | 21.9 |
| WEST. EUROPE (EU15+EFTA) | 136,023 | 118,213 | 15.1 | 443,259 | 366,353 | 21.0 |

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² No data available for HEV

³ Only includes EV and HEV

Electric vehicles

NEW PASSENGER CAR REGISTRATIONS BY MARKET EUROPEAN UNION¹

Electric vehicles (EV) = battery electric vehicles (BEV) + extended-range electric vehicles (EREV) + plug-in hybrid electric vehicles (PHEV) + fuel cell electric vehicles (FCEV)

| | Q3 2015 | Q3 2014 | % Change | Q1-Q3 2015 | Q1-Q3 2014 | % Change |
|---------------------------------|---------------|---------------|--------------|----------------|---------------|-------------|
| AUSTRIA | 439 | 281 | 56.2 | 1,331 | 1,000 | 33.1 |
| BELGIUM | 812 | 388 | 109.3 | 2,895 | 1,452 | 99.4 |
| BULGARIA | 0 | 0 | | 20 | 2 | 900.0 |
| CZECH REPUBLIC | 40 | 45 | -11.1 | 242 | 95 | 154.7 |
| DENMARK ² | 925 | 310 | 198.4 | 2,167 | 939 | 130.8 |
| ESTONIA | 6 | 119 | -95.0 | 32 | 251 | -87.3 |
| FINLAND | 178 | 106 | 67.9 | 517 | 312 | 65.7 |
| FRANCE | 4,945 | 3,273 | 51.1 | 15,372 | 8,241 | 86.5 |
| GERMANY ³ | 5,277 | 3,342 | 57.9 | 14,930 | 9,149 | 63.2 |
| GREECE | 27 | 21 | 28.6 | 46 | 42 | 9.5 |
| HUNGARY | 54 | 10 | 440.0 | 89 | 29 | 206.9 |
| IRELAND ⁴ | 172 | 103 | 67.0 | 537 | 237 | 126.6 |
| ITALY | 337 | 291 | 15.8 | 1,577 | 981 | 60.8 |
| LATVIA | 12 | 34 | -64.7 | 21 | 39 | -46.2 |
| LITHUANIA | 12 | 2 | 500.0 | 34 | 5 | 580.0 |
| NETHERLANDS | 6,266 | 2,650 | 136.5 | 18,000 | 11,084 | 62.4 |
| POLAND | 55 | 29 | 89.7 | 189 | 95 | 98.9 |
| PORTUGAL | 303 | 67 | 352.2 | 704 | 205 | 243.4 |
| ROMANIA ² | 8 | 1 | 700.0 | 19 | 3 | 533.3 |
| SLOVAKIA | 10 | 14 | -28.6 | 91 | 100 | -9.0 |
| SPAIN | 631 | 387 | 63.0 | 1,272 | 761 | 67.1 |
| SWEDEN | 1,693 | 1,308 | 29.4 | 5,061 | 3,464 | 46.1 |
| UNITED KINGDOM | 6,158 | 4,707 | 30.8 | 20,996 | 8,803 | 138.5 |
| EUROPEAN UNION | 28,360 | 17,488 | 62.2 | 86,142 | 47,289 | 82.2 |
| EU15 | 28,163 | 17,234 | 63.4 | 85,405 | 46,670 | 83.0 |
| EU (New Members) | 197 | 254 | -22.4 | 737 | 619 | 19.1 |
| NORWAY | 7,823 | 4,845 | 61.5 | 24,866 | 15,076 | 64.9 |
| SWITZERLAND | 1,427 | 630 | 126.5 | 4,289 | 1,870 | 129.4 |
| EFTA | 9,250 | 5,475 | 68.9 | 29,155 | 16,946 | 72.0 |
| TOTAL EUROPE (EU+EFTA) | 37,610 | 22,963 | 63.8 | 115,297 | 64,235 | 79.5 |
| WEST. EUROPE (EU15+EFTA) | 37,413 | 22,709 | 64.7 | 114,560 | 63,616 | 80.1 |

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² Only includes BEV

³ FCEV excluded

⁴ 2014 data only includes BEV, plug-in electric hybrid engine type introduced in 2015

Hybrid electric vehicles

NEW PASSENGER CAR REGISTRATIONS BY MARKET EUROPEAN UNION¹

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

| | Q3 2015 | Q3 2014 | % Change | Q1-Q3 2015 | Q1-Q3 2014 | % Change |
|---------------------------------|---------------|---------------|--------------|----------------|----------------|-------------|
| AUSTRIA | 678 | 395 | 71.6 | 2,424 | 1,703 | 42.3 |
| BELGIUM | 1,510 | 1,556 | -3.0 | 5,457 | 5,570 | -2.0 |
| BULGARIA | n.a | n.a | n.a | n.a | n.a | n.a |
| CZECH REPUBLIC | 296 | 85 | 248.2 | 647 | 247 | 161.9 |
| DENMARK | n.a | n.a | n.a | n.a | n.a | n.a |
| ESTONIA | 112 | 75 | 49.3 | 256 | 191 | 34.0 |
| FINLAND | 606 | 69 | 778.3 | 1,982 | 1,171 | 69.3 |
| FRANCE | 12,581 | 8,723 | 44.2 | 39,983 | 29,563 | 35.2 |
| GERMANY | 5,372 | 5,374 | 0.0 | 16,395 | 17,570 | -6.7 |
| GREECE | 219 | 108 | 102.8 | 592 | 282 | 109.9 |
| HUNGARY | 248 | 112 | 121.4 | 577 | 329 | 75.4 |
| IRELAND ² | 552 | 240 | 130.0 | 1,455 | 962 | 51.2 |
| ITALY | 5,113 | 4,026 | 27.0 | 18,250 | 15,408 | 18.4 |
| LATVIA | 52 | 40 | 30.0 | 156 | 134 | 16.4 |
| LITHUANIA | 72 | 36 | 100.0 | 246 | 115 | 113.9 |
| NETHERLANDS | 4,031 | 3,123 | 29.1 | 8,594 | 10,680 | -19.5 |
| POLAND | 1,461 | 777 | 88.0 | 3,841 | 2,324 | 65.3 |
| PORTUGAL | 776 | 418 | 85.6 | 2,319 | 1,301 | 78.2 |
| ROMANIA | 120 | 38 | 215.8 | 280 | 171 | 63.7 |
| SLOVAKIA | 46 | 23 | 100.0 | 53 | 32 | 65.6 |
| SPAIN | 4,952 | 2,872 | 72.4 | 12,796 | 7,860 | 62.8 |
| SWEDEN | 2,166 | 1,569 | 38.0 | 6,242 | 4,736 | 31.8 |
| UNITED KINGDOM | 12,220 | 9,830 | 24.3 | 35,285 | 29,045 | 21.5 |
| EUROPEAN UNION | 53,183 | 39,489 | 34.7 | 157,830 | 129,394 | 22.0 |
| EU15 | 50,776 | 38,303 | 32.6 | 151,774 | 125,851 | 20.6 |
| EU (New Members) | 2,407 | 1,186 | 103.0 | 6,056 | 3,543 | 70.9 |
| NORWAY | 2,729 | 2,493 | 9.5 | 8,144 | 7,302 | 11.5 |
| SWITZERLAND | 1,415 | 1,338 | 5.8 | 4,677 | 4,337 | 7.8 |
| EFTA | 4,144 | 3,831 | 8.2 | 12,821 | 11,639 | 10.2 |
| TOTAL EUROPE (EU+EFTA) | 57,327 | 43,320 | 32.3 | 170,651 | 141,033 | 21.0 |
| WEST. EUROPE (EU15+EFTA) | 54,920 | 42,134 | 30.3 | 164,595 | 137,490 | 19.7 |

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² 2014 data only includes petrol-electric hybrid vehicles, diesel-electric hybrid engine type introduced in 2015

Other alternative fuel vehicles

NEW PASSENGER CAR REGISTRATIONS BY MARKET EUROPEAN UNION¹

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

| | Q3 2015 | Q3 2014 | % Change | Q1-Q3 2015 | Q1-Q3 2014 | % Change |
|---------------------------------|---------------|---------------|--------------|----------------|----------------|-------------|
| AUSTRIA | 149 | 183 | -18.6 | 543 | 623 | -12.8 |
| BELGIUM | 144 | 148 | -2.7 | 637 | 912 | -30.2 |
| BULGARIA | n.a | n.a | n.a | n.a | n.a | n.a |
| CZECH REPUBLIC | 992 | 809 | 22.6 | 3,242 | 1,824 | 77.7 |
| DENMARK | 23 | 27 | -14.8 | 33 | 78 | -57.7 |
| ESTONIA | 9 | 3 | 200.0 | 37 | 26 | 42.3 |
| FINLAND | 27 | 35 | -22.9 | 123 | 80 | 53.8 |
| FRANCE | 1 | 2 | -50.0 | 38 | 13 | 192.3 |
| GERMANY | 2,148 | 3,744 | -42.6 | 8,159 | 10,748 | -24.1 |
| GREECE | 107 | 71 | 50.7 | 283 | 220 | 28.6 |
| HUNGARY | 35 | 25 | 40.0 | 99 | 75 | 32.0 |
| IRELAND | n.a | n.a | n.a | n.a | n.a | n.a |
| ITALY | 38,303 | 45,425 | -15.7 | 145,223 | 142,488 | 1.9 |
| LATVIA | 36 | 52 | -30.8 | 98 | 163 | -39.9 |
| LITHUANIA | 0 | 0 | | 0 | 0 | |
| NETHERLANDS | 248 | 1,007 | -75.4 | 732 | 2,769 | -73.6 |
| POLAND | 1,360 | 1,355 | 0.4 | 4,357 | 3,091 | 41.0 |
| PORTUGAL | 137 | 168 | -18.5 | 490 | 543 | -9.8 |
| ROMANIA | 0 | 0 | | 0 | 0 | |
| SLOVAKIA | 217 | 291 | -25.4 | 798 | 725 | 10.1 |
| SPAIN | 560 | 271 | 106.6 | 2,035 | 598 | 240.3 |
| SWEDEN ² | 1,622 | 2,008 | -19.2 | 4,997 | 5,539 | -9.8 |
| UNITED KINGDOM | 0 | 0 | | 0 | 0 | |
| EUROPEAN UNION | 46,118 | 55,624 | -17.1 | 171,924 | 170,515 | 0.8 |
| EU15 | 43,469 | 53,089 | -18.1 | 163,293 | 164,611 | -0.8 |
| EU (New Members) | 2,649 | 2,535 | 4.5 | 8,631 | 5,904 | 46.2 |
| NORWAY | 1 | 9 | -88.9 | 4 | 31 | -87.1 |
| SWITZERLAND | 220 | 272 | -19.1 | 807 | 605 | 33.4 |
| EFTA | 221 | 281 | -21.4 | 811 | 636 | 27.5 |
| TOTAL EUROPE (EU+EFTA) | 46,339 | 55,905 | -17.1 | 172,735 | 171,151 | 0.9 |
| WEST. EUROPE (EU15+EFTA) | 43,690 | 53,370 | -18.1 | 164,104 | 165,247 | -0.7 |

SOURCE: NATIONAL AUTOMOBILE MANUFACTURERS' ASSOCIATIONS

¹ Only countries for which sourced data is available are listed

² Includes E85 flex fuel vehicles