



Department for Transport

## Road goods vehicles travelling to mainland Europe: July to September 2016 (quarter 3)

### About this release

This statistical release summarises results from the survey of road goods vehicles travelling to mainland Europe from Great Britain. It includes all the main ferry routes between Great Britain and mainland Europe, including the Channel Tunnel. Ferry routes between Great Britain and Northern Ireland or the Republic of Ireland are not included.

These statistics are used by the Department for Transport, regional bodies, academics and transport consultants to obtain a better understanding of the trends and complexities of freight transport, in order to advise on transport policy. The haulage industry also has a particular interest in data and statistics on the activity of overseas registered vehicles within the UK.

These statistics are updated on a quarterly basis.

Next Update: February 2017

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## Road goods vehicles travelling from Great Britain to mainland Europe increased by 3 per cent in quarter 3 2016 compared to the same quarter a year earlier

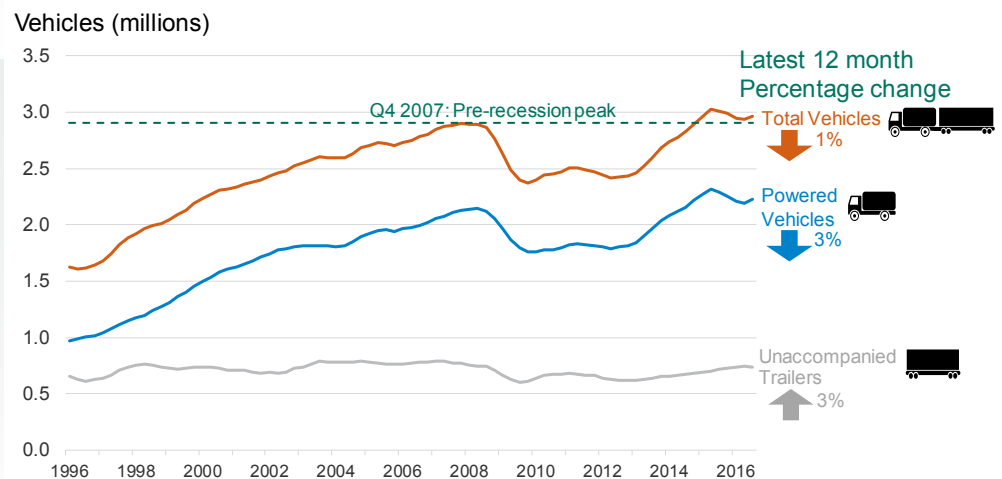
### Quarter 3 total (July - September 2016)

In quarter 3 2016, 743 thousand goods vehicles travelled from Great Britain to mainland Europe: 554 thousand **powered vehicles** and 189 thousand **unaccompanied trailers**.

### Rolling 12-month period (October 2015 - September 2016)

- Road goods vehicles travelling from Great Britain to mainland Europe decreased slightly by 1 per cent (44 thousand) to **3.0 million**, however, this was still 2 per cent higher than in 2007 – the pre-recession peak.
- Of the total volume of road goods vehicles, 2.2 million were **powered vehicles** and 0.7 million were **unaccompanied trailers**. This represents a 3 per cent decrease in powered vehicles and a 3 per cent increase in unaccompanied trailers over the last 12 months.

### Road goods vehicles travelling from Great Britain to mainland Europe, rolling 12-month totals to September 2016



## Road goods vehicles travelling to mainland Europe

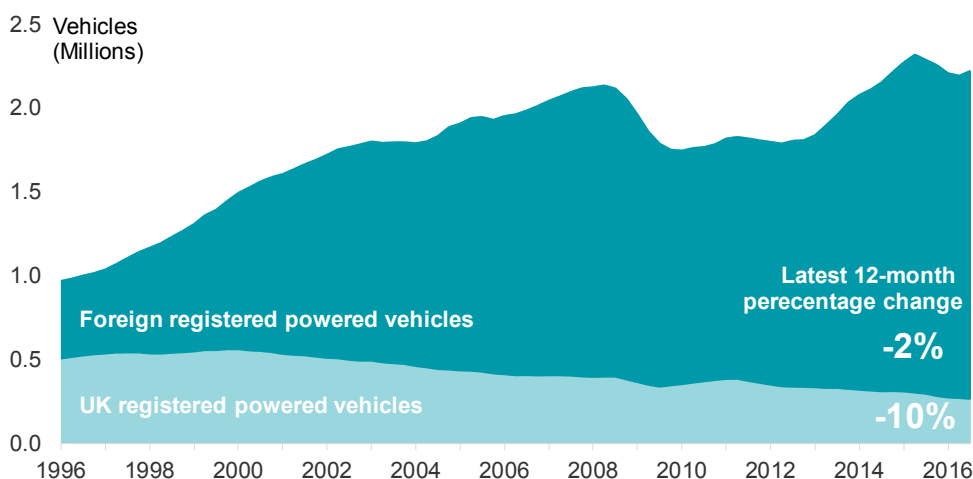
### Rolling 12-month period (October 2015 - September 2016)

There were just under 3.0 million goods vehicles travelling from Great Britain to mainland Europe during the last 12 months (2.2 million **powered vehicles** and 0.7 million **unaccompanied trailers**). This was 1 per cent lower than the previous 12-month total. The decrease was largely driven by a fall in the number of operators using the Dover to Calais route, which is part of the Dover Strait ports, following disruptions at Calais in the summer of 2015. Compared with the previous 12 months, 78 thousand fewer goods vehicles travelled via Dover Straits ports during this period.

The long term trend shows that the number of goods vehicles travelling from Great Britain to mainland Europe increased by 80 per cent in the last 20 years.

During the latest 12-month period the volume of powered vehicles fell by 3 per cent to 2.2 million. This was largely due to a decrease in the number of **foreign registered** powered vehicles travelling from Great Britain to mainland Europe, which fell by 2 per cent to just under 2.0 million. This is a change in direction to the long term upward trend that has been seen since 2009. The number of **UK registered** powered vehicles has gradually decreased and was also down by 10 per cent to 0.3 million vehicles in the latest 12 month period. This was 23 per cent lower than in 2009.

### Powered vehicles travelling from Great Britain to mainland Europe by registration, rolling 12-month totals to September 2016



Over the last 20 years large increases in the number of foreign registered vehicles travelling to Europe have seen the UK's percentage share drop to 12 per cent of the total from a peak of 52 per cent in 1996.

### Quarter 3 total (July - September 2016)

During quarter 3 2016, 743 thousand goods vehicles travelled from Great Britain to mainland Europe (554 thousand **powered vehicles** and 189 thousand **unaccompanied trailers**). This was the highest quarter 3 volume of road goods vehicles travelling from Great Britain to mainland Europe and 3 per cent higher than quarter 3 2015 (718 thousand goods vehicles).

### What are powered vehicles and unaccompanied trailers?



#### Powered vehicles

comprise rigid vehicles, lorries with semi-trailers (articulated units) and lorries with drawbar trailers (some vehicles under 3.5 tonnes gross vehicles weight are also included).



#### Unaccompanied trailers

comprise trailers and semi-trailers not accompanied on the ferry by a powered unit.

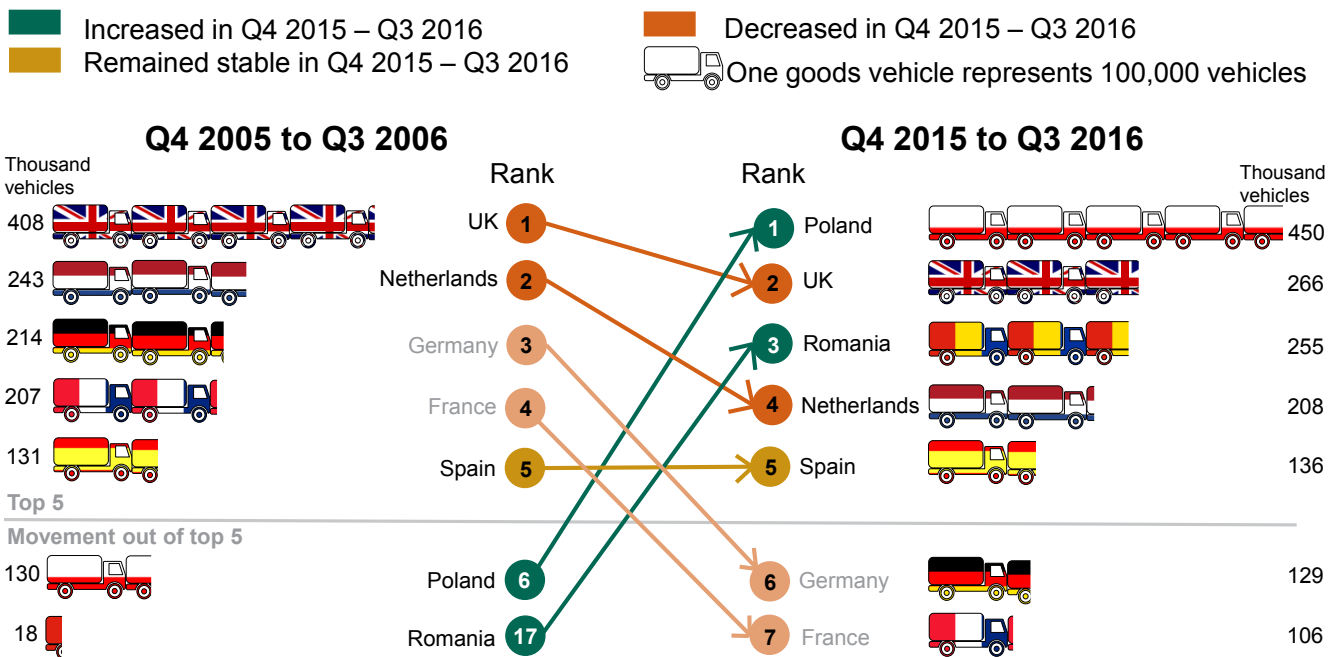
## Country of vehicle registration

### Rolling 12-month period (October 2015 - September 2016)

Over the last twenty years there was a four fold increase in the number of **foreign registered** powered vehicles travelling from Great Britain to mainland Europe (from 0.5 million in 1996 to 2.0 million in the latest 12-month period).

The proportion of vehicles registered to countries such as the **UK, Netherlands, Germany and France** have fallen as a number of countries have increased their share since joining the EU. The number of powered goods vehicles registered to **Poland** has increased from 3 per cent in 2004 when it first joined the EU, to 20 per cent in the latest 12-month period. This is a larger share than any other country, however, powered vehicles registered to Poland fell by 5 per cent from 474 thousand in the 12-months ending September 2015 to 450 thousand in the latest 12-month period. Other countries which joined the EU since 2004 now account for 30 per cent of the total number of powered goods vehicles.

### Top 5 powered goods vehicles travelling from Great Britain to mainland Europe, by country of registration, rolling 12-month totals to September 2006 and September 2016



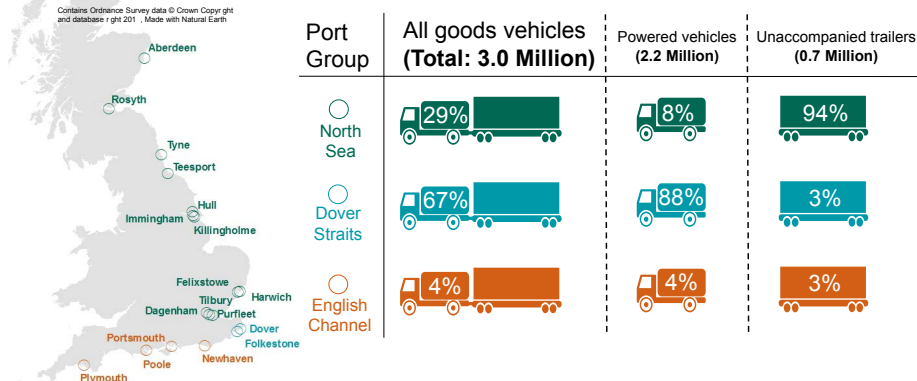
### Quarter 3 total (July - September 2016)

During the third quarter of 2016, 65 thousand powered vehicles travelling from Great Britain to mainland Europe were **UK registered** (12 per cent of the total). This was a decrease of 36 per cent compared to ten years earlier (103 thousand), and the lowest quarter 3 volume observed on record.

There were 488 thousand **foreign registered** powered goods vehicles travelling from Great Britain to mainland Europe in quarter 3 2016, accounting for 88 per cent of all powered vehicles. This was 8 per cent higher than quarter 3 2015, the highest quarter 3 volume observed on record. Generally, the volume of foreign registered vehicles has followed an upwards trend over the past ten years increasing on average by 2 per cent per annum.

## Port group

### Goods vehicles travelling to mainland Europe by port group, rolling 12-month period totals to September 2016



### Rolling 12-month period total (October 2015 - September 2016)

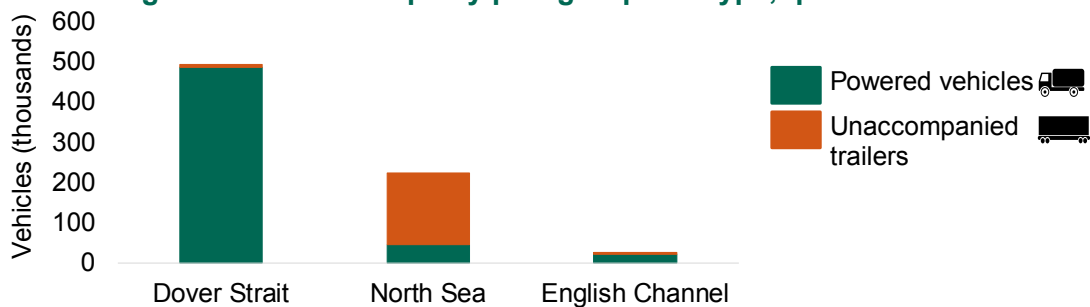
The proportions of goods vehicles travelling from each Great British port group to mainland Europe have remained broadly unchanged over the past decade.

Of the total 3.0 million goods vehicles that travelled from Great Britain to mainland Europe in the last 12 months, 0.9 million goods vehicles used **North Sea ports** (29 per cent), 2.0 million used **Dover Strait ports** (67 per cent) and 0.1 million used **English Channel ports** (4 per cent). The majority of powered vehicles travelled from Dover Strait ports: 2.0 million powered vehicles (88 per cent). Nine out of 10 unaccompanied trailers travelled from North Sea ports: 0.7 million (94 per cent).

### Quarter 3 total (July - September 2016)

In quarter 3 2016; 493 thousand goods vehicles travelled from Dover Strait ports, the majority of which were powered vehicles (99 per cent). Also, 26 thousand goods vehicles travelled from English Channel ports, the majority of which were powered vehicles (79 per cent). In addition, 224 thousand goods vehicles travelled from North Sea ports, the majority of which were unaccompanied trailers (80 per cent).

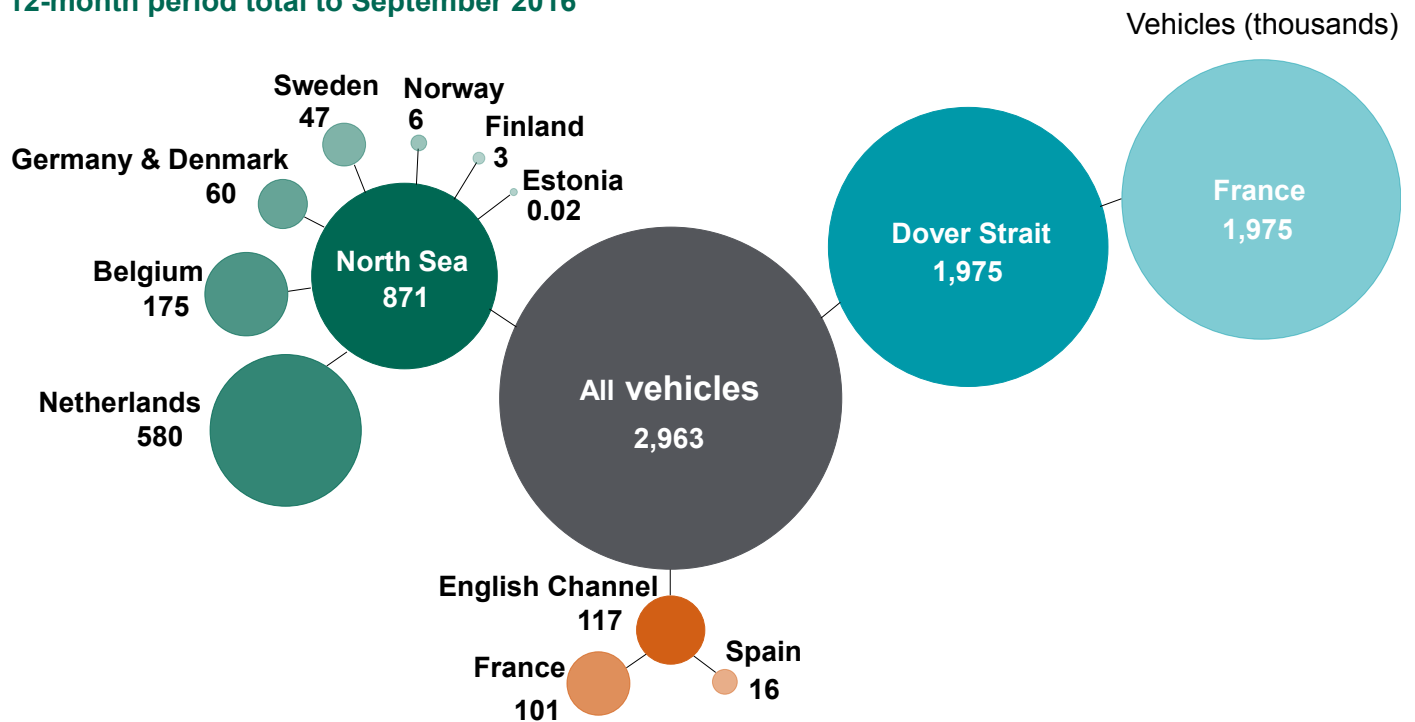
### Goods vehicles travelling to mainland Europe by port group and type, quarter 3 2016



This chart shows that there has been a prevalence of powered vehicles on routes from Dover Strait ports and unaccompanied trailers on routes from North Sea ports. This may be associated with unaccompanied trailers being used for longer distance journeys than powered vehicles. This may also be due to regulations on the number of hours drivers can operate, whereby there is a wage and time cost to hauliers when drivers take rest periods. There are also additional costs in the use of powered vehicles. These are relevant factors which consider the average journey length from Dover Strait and North Sea ports. Furthermore, the freight transport association have suggested that the UK has a growing shortage of qualified heavy goods vehicles drivers which may explain the increased tendency to use unaccompanied trailers.<sup>1</sup>

## Country of disembarkation

Goods vehicles travelling to mainland Europe by port group and country of disembarkation, rolling 12-month period total to September 2016



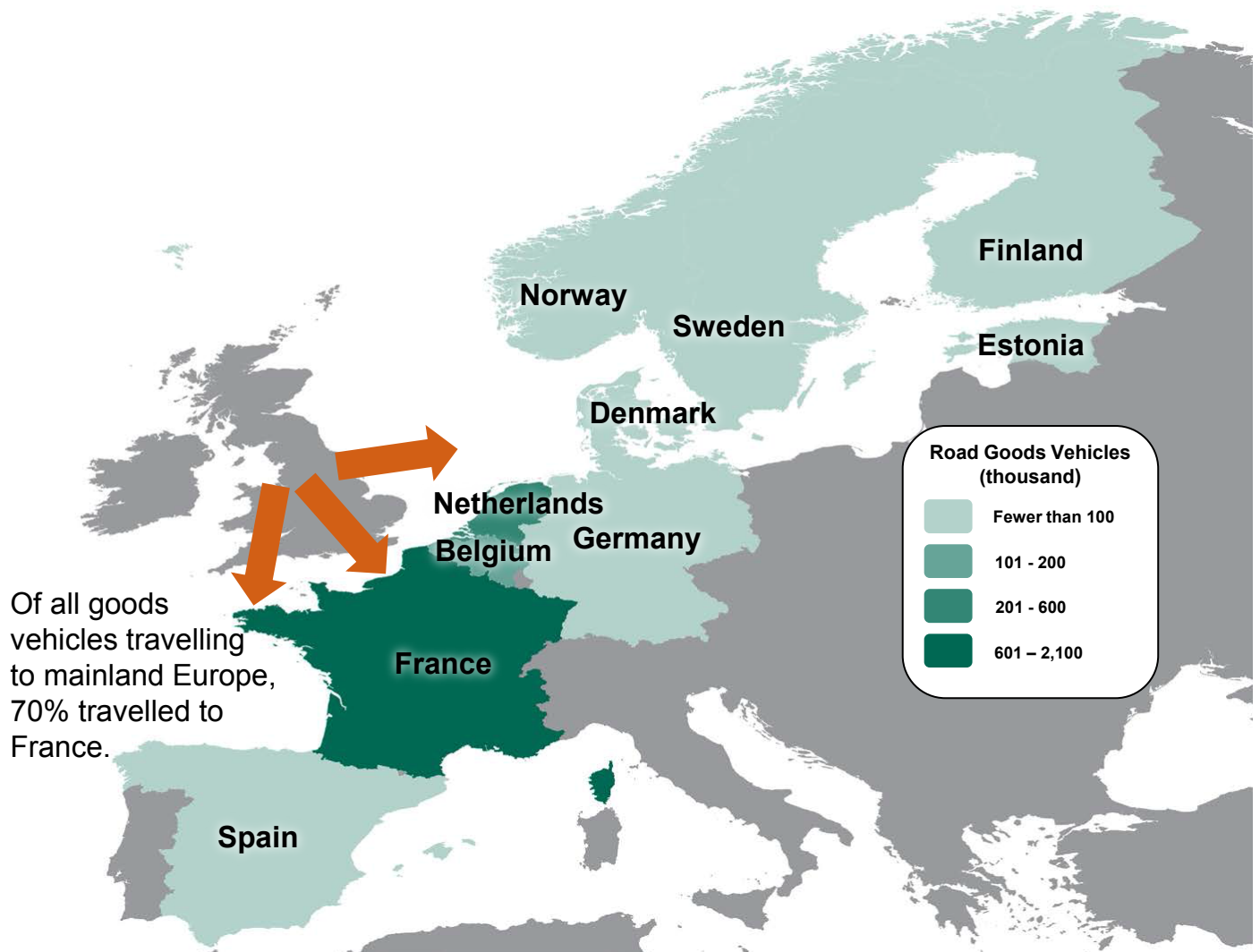
### Rolling 12-month period total (October 2015 - September 2016)

France is the most common destination for goods vehicles travelling from Great Britain to mainland Europe. Of all of the goods vehicles travelling from Great Britain to mainland Europe, 70 per cent disembarked in **France**. The majority of these French destined goods vehicles travelled from **Dover Strait ports** (95 per cent), and the remainder from **English Channel ports**. **France** is the only country of disembarkation for the **Channel Tunnel**. Ninety-two per cent of all powered road goods vehicles which travelled from Great Britain to mainland Europe disembarked in **France** (2.0 million).

The majority of goods vehicles travelling from Great Britain to mainland Europe via North Sea ports are destined for the Netherlands. Of the total goods vehicles which travelled from **North Sea ports**, 67 per cent disembarked in the **Netherlands** (0.6 million). Over half (57 per cent) of all unaccompanied trailers which travelled from Great Britain to mainland Europe disembarked in the **Netherlands** (0.4 million).

Goods vehicles travelling through **English Channel ports** are largely destined for France, 86 per cent disembarked in **France** and 14 per cent in **Spain**.

## Goods vehicles travelling from Great Britain to mainland Europe, by country of destination, rolling 12-month total to September 2016



### Quarter 3 total (July - September 2016)

In quarter 3 2016, 506 thousand powered vehicles disembarked in **France** (91 per cent of the total). This is a 7 per cent increase compared to quarter 3 2015 (474 thousand powered vehicles), the first quarter on quarter increase following disruptions at Calais in the Summer of 2015. This may be due to an increase in the number of vessels and sailings running on the Dover to Calais route.

In contrast, the number of powered vehicles disembarking in the **Netherlands** decreased by 5 per cent compared to the same period a year earlier, the first quarter 3 decrease since 2011. This was a decrease from 42 thousand in the third quarter of 2015, to 40 thousand. The volume of powered vehicles disembarking in other countries (most notably **Norway** and **Sweden**) increased by 24 per cent to 0.3 thousand.

## Background notes

Further information on the article published by the freight transport association on driver shortages can be viewed here:

[http://www.fta.co.uk/media\\_and\\_campaigns/campaigns/driver\\_shortage.html](http://www.fta.co.uk/media_and_campaigns/campaigns/driver_shortage.html)

The web tables for these statistics can be found at:

<https://www.gov.uk/government/collections/road-freight-domestic-and-international-statistics>

Full guidance on the methods used in the publication of these releases, the quality of the data, and the revisions published in 2007 can be found in the Technical Note at:

<https://www.gov.uk/government/publications/road-freight-domestic-and-international-statistics-guidance>

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<http://www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html>

Details of ministers and officials who receive pre-release access to these statistics up to 24 hours before release can be found at:

<https://www.gov.uk/government/publications/roll-on-roll-off-international-freight-statistics-pre-release-access-list>

## Strengths and Weaknesses of the data

The results in this bulletin are compiled from quarterly returns provided by the roll-on / roll-off ferry operators, who provide the number of powered vehicles and unaccompanied trailers carried on each route from Great Britain to mainland Europe, and from quarterly information supplied by the Office of Rail and Road for Eurotunnel.

Disaggregation by country of registration of powered vehicles is supplied by most of the ferry operators and by the Office of Rail and Road for Eurotunnel. Some operators derive this from the registration number pattern whilst others extract the nationality from the manifest or waybill. A few operators use the country of booking as a proxy for the country of registration of the powered vehicle.

Revised estimates for 2004 to 2007 were published in May 2008 following a data quality review. This resulted in a break in the series between 2003 and 2004. For full details see the Technical Note.

As a result of the review the survey was put on a statutory basis and since early 2008 returns have been supplied by all operators resulting in more complete reporting of country of registration. The quality of the data is therefore thought to have been substantially improved and the data are considered fit for purpose.