



Department  
for Transport

# Revision to Rail passenger numbers and crowding on weekdays in major cities in England and Wales: 2012

24 October 2013

## Methodology Note

A revision has been made to the statistics for several terminals in London in [Rail passenger numbers and crowding on weekdays in major cities in England and Wales: 2012](#), published on 24 July 2013. This was due to revised data being submitted to the Department for Transport by First Capital Connect.

This note explains which statistics have been revised and what changes have been made.

### Which statistics have been affected?

The revision has affected First Capital Connect figures at Blackfriars, King's Cross, London Bridge, Moorgate and St Pancras International, as well as overall totals for London. A number of figures throughout the statistics have been revised; however all substantive trends reported in the original statistical release remain valid. The revision does not affect previously published figures for any city other than London, or for any other London terminals.

### Which outputs have been affected?

All nine tables that accompany this release have had some figures updated. The *Rail passenger numbers and crowding on weekdays in major cities in England and Wales: 2012* statistical release has also been updated to reflect the revision. Copies of the original release (statistical release and tables) are available on the [release page](#) (as a zip file).

### Birmingham statistics

2012 statistics for Birmingham have also been published for the first time, having previously been withheld while an unexpected trend in the data submitted by London Midland was investigated. These new figures are available in the release and are not discussed in this note.

## Revisions to passenger numbers statistics

The following table shows how the peak and all day arrival and departure totals have changed in 2012 at the five terminals that First Capital Connect operates at, and in London overall. Figures that have been revised are shown in red. These have increased the total number of passengers arriving into central London throughout the day by 0.4 per cent, and in the total number of departures 0.1 per cent.

The largest revision has been to the total number of passengers arriving at King's Cross throughout the day, which has increased by 6.9 per cent. The number of peak arrivals at Elephant and Castle has increased by 4.9 per cent and the number of peak departures at St. Pancras International by 3.0 per cent.

	AM peak arrivals		All day arrivals		PM peak		All day departures	
	Total seats	Passengers	Total seats	Passengers	Total seats	Passengers	Total seats	Passengers
<b>Original</b>								
Elephant and Castle (for Blackfriars)	19,057	19,379	73,377	28,643	16,950	14,866	69,034	25,551
King's Cross	27,228	18,366	97,538	43,878	27,825	20,207	98,907	49,063
London Bridge	122,977	139,185	433,610	223,532	113,267	109,463	435,891	212,778
Old Street (for Moorgate)	13,920	11,602	43,848	14,747	14,616	9,555	43,384	13,509
St. Pancras International	35,421	31,665	151,896	62,272	34,484	23,714	152,287	58,963
<b>London (incl. other terminals)</b>	<b>558,229</b>	<b>534,947</b>	<b>2,165,216</b>	<b>976,912</b>	<b>539,317</b>	<b>449,852</b>	<b>2,142,554</b>	<b>965,557</b>
<b>Revised</b>								
Elephant and Castle (for Blackfriars)	19,057	20,336	73,377	28,797	16,950	14,866	69,034	25,551
King's Cross	27,228	18,396	98,080	46,905	27,825	20,124	97,591	49,207
London Bridge	122,977	139,357	433,610	223,704	113,267	109,463	435,891	212,778
Old Street (for Moorgate)	13,920	11,602	43,848	14,747	14,616	9,555	43,384	13,509
St. Pancras International	35,132	31,729	151,896	62,523	34,484	24,430	152,287	59,679
<b>London (incl. other terminals)</b>	<b>557,940</b>	<b>536,170</b>	<b>2,165,758</b>	<b>980,516</b>	<b>539,317</b>	<b>450,485</b>	<b>2,141,238</b>	<b>966,417</b>

## Revisions to crowding statistics

The table below shows how the 2012 figures have changed in the crowding statistics tables for each terminal that First Capital Connect operates at, with revisions highlighted in red. The total standard class critical load in London has increased by 0.2 per cent in the morning peak and 0.3 per cent in the afternoon peak.

The standard class critical load has increased by 3 per cent in both peaks at King's Cross. At Moorgate it has increased by 3.6 per cent in the morning peak and 1.9 per cent in the afternoon peak, and by 2.8 per cent in the afternoon peak at St Pancras.

The percentage of passengers in excess of capacity (PiXC) in the morning peak has increased from 3.9 per cent to 4.6 per cent at Blackfriars and from 0.2 per cent to 0.5 per cent at King's Cross, while at St. Pancras International it has reduced from 2.6 per cent to 2.1 per cent. The percentage of passengers standing at Moorgate has reduced from 17.6 per cent to 16.1 per cent.

Changes to the crowding statistics were smaller in the afternoon peak. The most notable changes are for King's Cross, where the percentage of PiXC reduced from 0.9 per cent to 0.6 per cent, while the percentage of passengers standing increased from 1.3 per cent to 2.0 per cent.

	Standard class seats	Standard class capacity	Standard class critical load	Passengers in excess of capacity		Passengers standing	
				Number	Per cent	Number	Per cent
<b>Original</b>							
<b>AM peak arrivals (07:00-09:59)</b>							
Blackfriars (via Elephant and Castle)	18,889	25,412	21,482	846	3.9%	4,102	19.1%
King's Cross	23,856	27,996	18,032	41	0.2%	303	1.7%
London Bridge	119,065	178,133	135,514	3,774	2.8%	31,247	23.1%
Moorgate	13,920	19,200	14,910	392	2.6%	2,619	17.6%
St. Pancras International	33,769	43,524	31,627	816	2.6%	3,006	9.5%
<b>London total</b>	<b>531,234</b>	<b>763,417</b>	<b>579,879</b>	<b>23,675</b>	<b>4.1%</b>	<b>112,334</b>	<b>19.4%</b>
<b>PM peak departures (16:00-18:59)</b>							
Blackfriars (via Elephant and Castle)	16,802	22,107	15,153	102	0.7%	1,515	10.0%
King's Cross	24,327	28,789	19,042	178	0.9%	244	1.3%
London Bridge	111,129	166,282	108,489	987	0.9%	13,730	12.7%
Moorgate	14,616	20,160	12,955	133	1.0%	1,375	10.6%
St. Pancras International	32,603	42,590	24,444	407	1.7%	1,160	4.7%
<b>London total</b>	<b>514,819</b>	<b>744,636</b>	<b>492,879</b>	<b>8,879</b>	<b>1.8%</b>	<b>59,170</b>	<b>12.0%</b>
<b>Revised</b>							
<b>AM peak arrivals (07:00-09:59)</b>							
Blackfriars (via Elephant and Castle)	18,889	25,206	21,543	1,001	4.6%	4,163	19.3%
King's Cross	23,856	27,572	18,620	92	0.5%	284	1.5%
London Bridge	119,065	178,133	135,680	3,774	2.8%	31,247	23.0%
Moorgate	14,384	19,840	15,447	392	2.5%	2,490	16.1%
St. Pancras International	33,492	43,671	31,694	652	2.1%	3,006	9.5%
<b>London total</b>	<b>531,421</b>	<b>763,574</b>	<b>581,299</b>	<b>23,716</b>	<b>4.1%</b>	<b>112,246</b>	<b>19.3%</b>
<b>PM peak departures (16:00-18:59)</b>							
Blackfriars (via Elephant and Castle)	16,802	22,107	15,153	102	0.7%	1,515	10.0%
King's Cross	24,327	29,389	19,614	121	0.6%	397	2.0%
London Bridge	111,129	166,488	108,489	987	0.9%	13,730	12.7%
Moorgate	14,616	20,160	13,198	133	1.0%	1,375	10.4%
St. Pancras International	32,603	42,796	25,137	407	1.6%	1,160	4.6%
<b>London total</b>	<b>514,819</b>	<b>745,648</b>	<b>494,387</b>	<b>8,822</b>	<b>1.8%</b>	<b>59,324</b>	<b>12.0%</b>

## How have the changes affected the PiXC and passengers standing figures for First Capital Connect?

The table below shows how the percentage of passengers in excess of capacity (PiXC) and passengers standing changed for First Capital Connect at each terminal at which it operates. Figures that have been revised are shown in red. First Capital Connect's overall PiXC rose slightly from 1.8 per cent to 1.9 per cent in the morning peak, while it fell slightly from 0.8 per cent to 0.7 per cent in the afternoon peak. The most notable change at a single terminal was the increase in PiXC at Blackfriars from 2.9 per cent to 4.5 per cent.

The overall percentage of passengers standing on First Capital Connect services in the morning peak has reduced from 12.1 per cent to 11.7 per cent. It fell at both London Bridge and Moorgate by over one percentage point. In the afternoon peak the percentage of passengers standing on First Capital Connect services departing from King's Cross has increased from 1.7 per cent to 2.7 per cent.

### Revisions to PiXC and passengers standing on First Capital Connect services

Terminal	AM peak arrivals (07:00-09:59)			PM peak departures (16:00-18:59)		
	Number of services	PiXC	Passengers standing	Number of services	PiXC	Passengers standing
<b>Original</b>						
Blackfriars (via Elephant and Castle)	16	2.9%	16.5%	17	1.2%	11.1%
King's Cross	34	0.3%	2.2%	34	1.2%	1.7%
London Bridge	3	0.0%	14.6%	5	0.0%	14.7%
Moorgate	31	2.6%	17.6%	32	1.0%	10.6%
St. Pancras International	36	2.0%	12.8%	36	0.1%	5.5%
<b>First Capital Connect total</b>	<b>120</b>	<b>1.8%</b>	<b>12.1%</b>	<b>124</b>	<b>0.8%</b>	<b>7.2%</b>
<b>Revised</b>						
Blackfriars (via Elephant and Castle)	16	4.5%	17.0%	17	1.2%	11.1%
King's Cross	34	0.6%	1.9%	34	0.8%	2.7%
London Bridge	3	0.0%	13.3%	5	0.0%	14.7%
Moorgate	32	2.5%	16.1%	32	1.0%	10.4%
St. Pancras International	35	1.2%	12.8%	36	0.1%	5.2%
<b>First Capital Connect total</b>	<b>120</b>	<b>1.9%</b>	<b>11.7%</b>	<b>124</b>	<b>0.7%</b>	<b>7.2%</b>