

TfL 2012/13 Quarter 1 Performance Report

October 2012



London TravelWatch is the official body set up by Parliament to provide a voice for London's travelling public.

Our role is to:

- Speak up for transport users in discussions with policy-makers and the media,
- Consult with the transport industry, its regulators and funders on matters affecting users,
- Investigate complaints users have been unable to resolve with service providers, and
- Monitor trends in service quality.

Our aim is to press in all that we do for a better travel experience for all those living, working or visiting London and its surrounding region.

Table of issue dates for London TravelWatch's Transport for London (TfL) Performance Reports

TfL financial periods	Issue dates for London TravelWatch report for the corresponding Quarter
Quarter 1 – Apr to Jun 2011	20 August 2011
Quarter 2 – Jul to Sept 2011	5 January 2012
Quarter 3 – Oct to Dec 2011	13 March 2012
Quarter 4 – Jan to Mar 2012	11 July 2012
Quarter 1 – Apr to Jun 2012	30 October 2012

Published by:

London TravelWatch
 Dexter House
 2 Royal Mint Court
 London EC3N 4QN

Phone: 020 3176 2999
 Fax: 020 3176 5991

Contents

Executive Summary.....	1
1 Travel in London.....	4
2 London Streets.....	5
3 London Buses.....	13
4 London Underground.....	19
5 Docklands Light Railway.....	22
6 London Tramlink.....	25
7 London Overground.....	28
8 Dial-a-Ride.....	29
9 Cycle Hire.....	30
10 Customer Satisfaction Scores – Modes comparison.....	31
Appendix – Glossary & References.....	32

Executive Summary

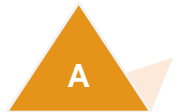
This report summarises the performance of all the Transport for London (TfL) modes of transport for the first quarter of the 2012/13 financial year (April to June 2012). The aim of the report is to provide, in one place, information about the performance of TfL's transport network from the perspective of users. For this reason, London TravelWatch has selected performance information on each of the modes, which it believes reflect the experience of the user. The information has been brought together from a number of sources in order to provide an overview of TfL's performance (see Appendix for source references).

We have assessed the performances of London Buses, London Underground, Docklands Light Railway, London Overground, London Tramlink and Dial-a-Ride as 'good' or 'satisfactory'.

We have assessed London Tramlink and London Streets, and have some concerns about their performance.

1. London Streets

TfL has been doing a great deal of work to reduce the amount of planned and unplanned severe delays on the TLRN and to increase the throughput at traffic signals. They are also using the permitting system to keep the number of roadworks below their target. This seems to be paying dividends. However, despite this and lower traffic volumes there does not seem to be a sustained improvement in TfL's new measure of Journey Time Reliability (JTR). JTR, was higher (better) for this quarter compared to the same quarter both last year and the year before. However, TfL's business plan target has increased therefore this quarter was below target.

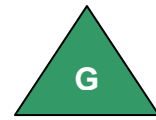


This year's customer satisfaction scores have improved compared to last year. However TfL's streets 2011 overall customer satisfaction score for traffic was the lowest of all the mode scores reported.

We have previously reported that TfL has missed its target for highway condition and will not be able to return the condition of the TLRN to pre-2009/10 levels for some years. However, at its Transport Services meeting in March 2012 London TravelWatch members heard that TfL now believed that maintaining a level of below 10% of the road in need of repair was satisfactory and sustainable.

2. London Buses

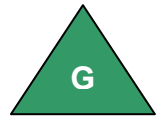
London Buses has performed well. Excess Waiting Time (EWT) was 1.1 minute on high frequency routes, which is a very good performance, and TfL Business Plan target. The percentage of kilometres operated is below target. Customer satisfaction was higher than target.



There has been a large increase in the number of accessible bus stops, prompted, in part, by London TravelWatch's campaigning on this issue.

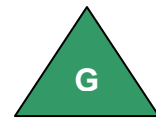
3. London Underground

The network-wide score for the quarter is better than TfL's Business Plan target, which itself has been tightened since the previous year. Performance also seems to be on an improving trend.



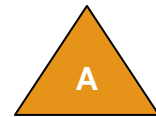
4. Docklands Light Railway

Docklands Light Railway (DLR) performance was generally good and still improving following the completion of the three-car project.



5. London Tramlink

The Percentage of Scheduled Services operated fell below the previous quarter, and was below the Business Plan target. Public performance measure also fell this quarter. It is pleasing to note that customer satisfaction has increased this quarter.



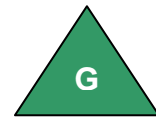
6. London Overground

London Overground continued to improve in quarter 1. Customer satisfaction scores were the second highest of the London and the South East train operating companies (TOCs). Its National Passenger Survey (NPS) customer satisfaction score (Spring 2012 wave) remained the same as the previous score.

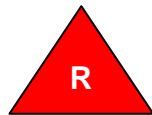


7. Dial-a-Ride

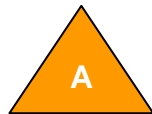
Dial-a-Ride's performance in terms of journeys operated was similar to the same quarter in the previous year. Customer satisfaction was below target at 92%. Customer satisfaction is lowest for the booking service. This contrasts with a good level of satisfaction with the actual journey experience.



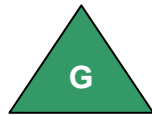
The TfL Quarterly Performance Report focuses on the experience of passengers of the TfL modes of transport. Performance has been rated as follows (the direction of the triangle indicates the performance trend):



Red - poor performance and major concerns about services



Amber - unsatisfactory performance and concerns about services



Green - good or satisfactory performance (equal to or better than target)

It should be noted that these are London TravelWatch's interpretations of the performance figures.



Where appropriate, for each performance graph, arrows have been included to show the direction of positive and negative performance trends.

London TravelWatch would like to acknowledge TfL's help and assistance in producing this report in supplying performance data and operational commentaries to accompany the performance statistics.

1 Travel in London

TfL's annual Travel in London report records the way Londoners travelled¹ in 2010. This was published in January 2012.

There were 24.8 million daily trips in, to and from Greater London, an increase of 1% over the previous year. This was made up as shown in Table 1

Table 1 How Londoners travel (millions of trips and percentage of all trips), 2010

Rail	Under-ground /DLR	Bus and tram	Taxi/ PHV	Car (driver and passenger)	Motor cycle	Cycle	Cycle hire ²	Walk	All modes
2.3	2.1	3.7	0.3	9.9	0.2	0.5	0.02	5.9	24.8
9.3%	8.5%	14.9%	1.2%	39.9%	0.8%	2.0%		23.8 %	

¹ Travel in London, Report 4, Table 2.1

2 London Streets

This section of the TfL Performance Report focuses on the performance of the Transport for London road network (TLRN) also known as the Red Routes, which are the major arterial routes operated by TfL.

Journey Time Reliability (JTR) is a new measure of the performance of the road network. Although there are over three years of data for this measure, caution is still needed in drawing conclusions about the trend of JTR on the TLRN.

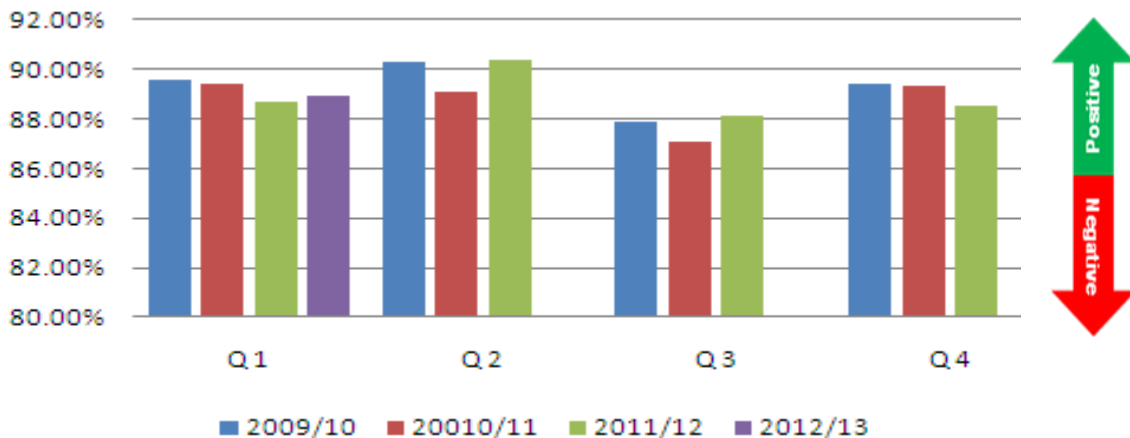
The JTR measure is defined as the proportion of traffic which - for a 'typical' 30-minute journey – takes less than 35 minutes (a representative average London journey time of 30 minutes plus a five-minute 'allowance').

TfL has recently included projections for this indicator in the 2011/12 – 2014/15 Business Plan. Their target figure is 89.3% for this financial year, improving to 90% in 2014/15.

JTR is a measure of the congestion impacts on journeys. A major influence will be traffic volume, which as can be seen from graph 5 below, has fallen over the last few years, but has seen an increase this quarter. TfL have also undertaken much activity over the past few years to improve JTR, for example altering traffic signal timing, managing events and street works permitting etc.

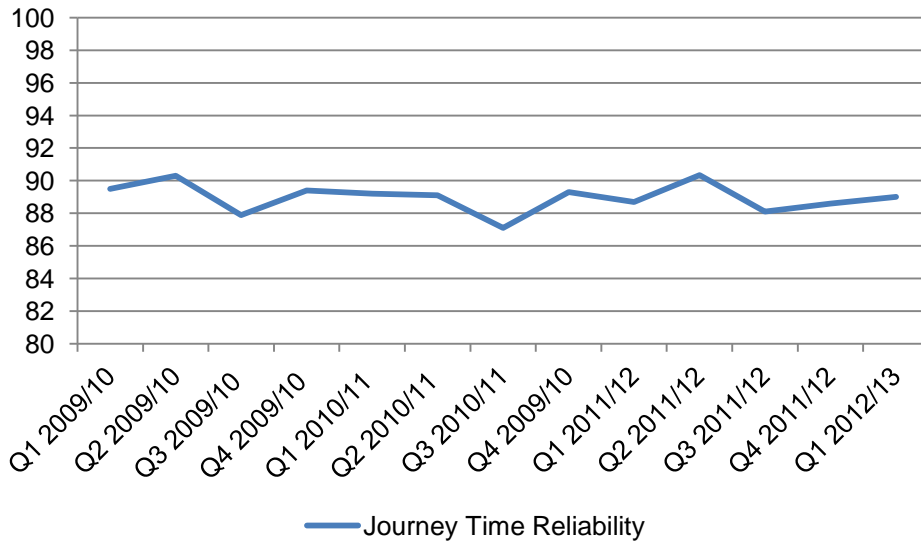
The JTR across the whole of the TLRN in the AM peak for quarter 1 is 88.9%. This is 0.22 % higher (better) than the same period last year, but below the annual Business Plan target of 89.3%.

Graph 1 - Journey Time Reliability on the TLRN in the AM peak by quarter, Q1 2009/10 to Q1 2012/13



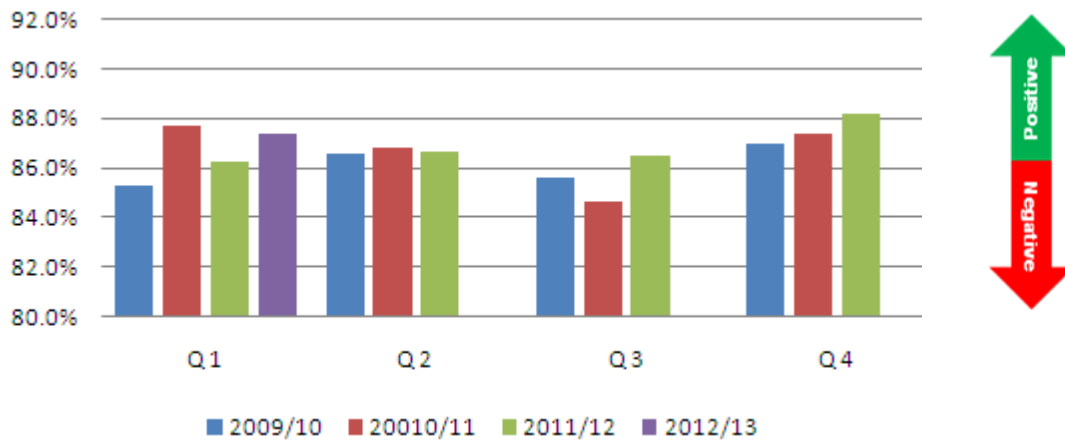
The same statistics of graph 1 are represented as a line graph below.

Graph 1a - Journey Time Reliability on the TLRN in the AM peak since Q1 2009/10



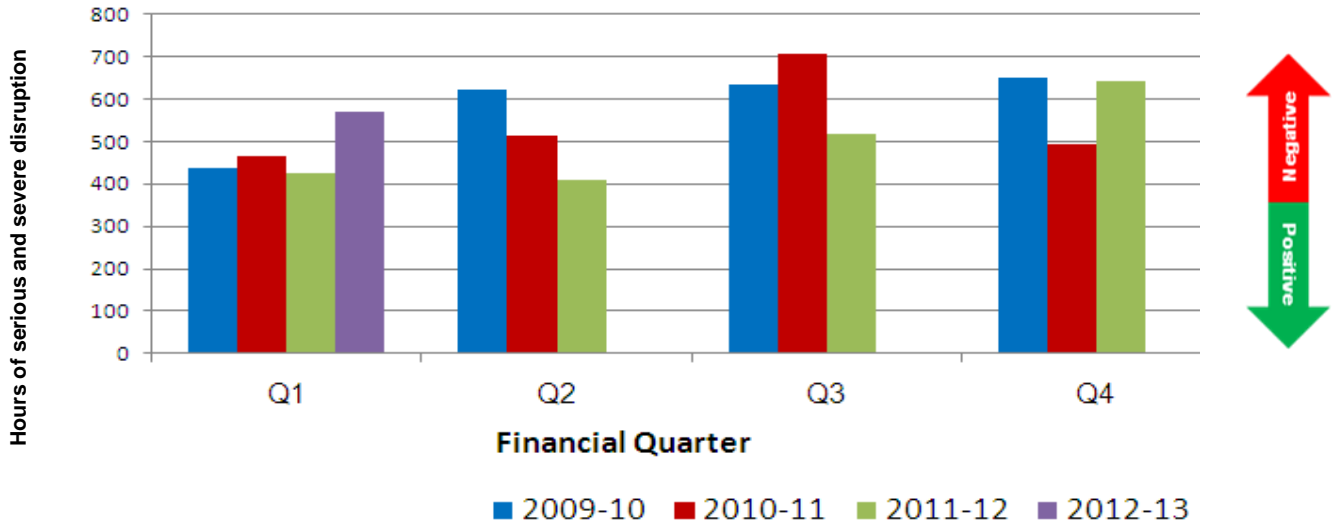
An equivalent JTR figure for the central area is also reported by TfL. This quarter's figure is 87.41%; this is 1.18% higher (better) than the same period last year.

Graph 2 - Journey Time Reliability in central London in the AM peak by quarter, Q1 2009/10 to Q1 2012/13



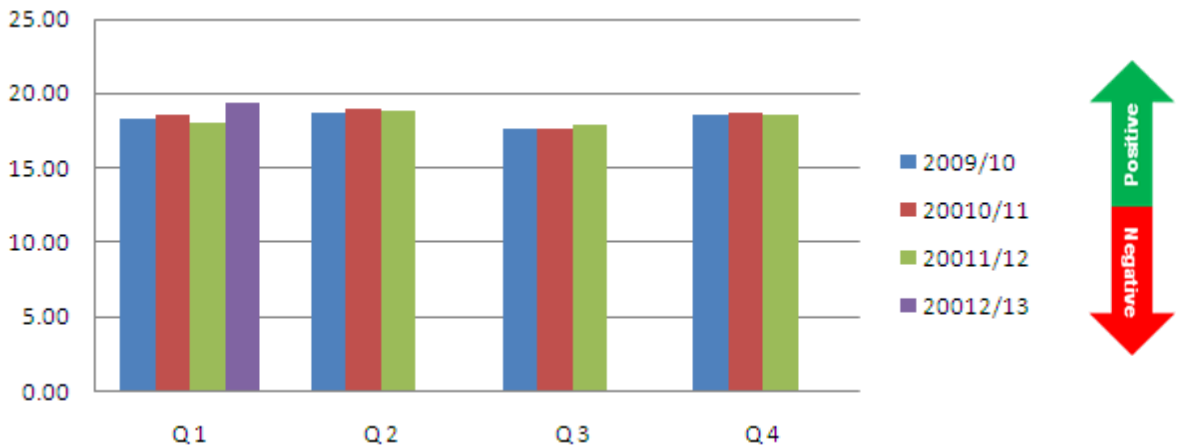
Serious and severe disruption on the TLRN rose in quarter 1 compared to the same quarter last year. The hours of disruption caused by planned events and unplanned events increased compared to the same quarter last year.

Graph 3 - Duration of TLRN serious & severe unplanned and planned events (Hrs) by quarter, Q1 2009/10 to Q1 2012/13



The average traffic speed on London’s major roads in quarter 1 during weekdays increased compared with the same quarter last year. Most of the increase is attributed to the change in the core Automatic Number Plate Recognition (ANPR) links used to measure speeds. (This is a technical change to the survey and overstates the actual rise).

Graph 4 - Traffic speeds on London’s major roads 12 hrs average weekday between 0700-1900 by quarter (mph), Q1 2009/10 to Q1 2012/13



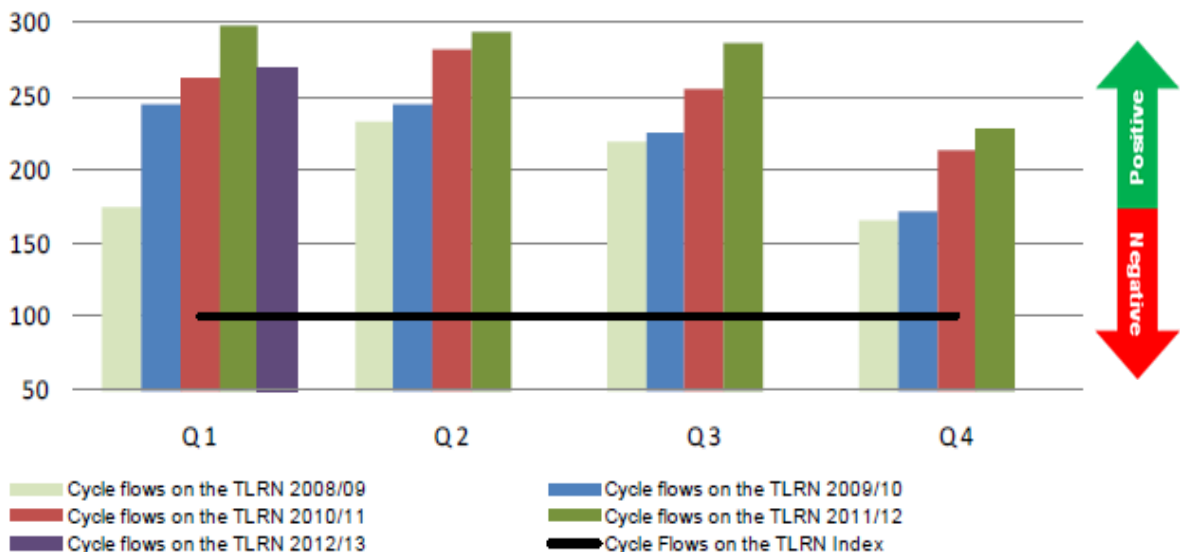
Whilst traffic volumes across London have been generally falling, there was a slight increase in quarter 1 compared to the same quarter in the previous year.

Graph 5 – Quarterly traffic volume on London major roads 24hrs average weekday, indexed period 13 2006/07 = 100



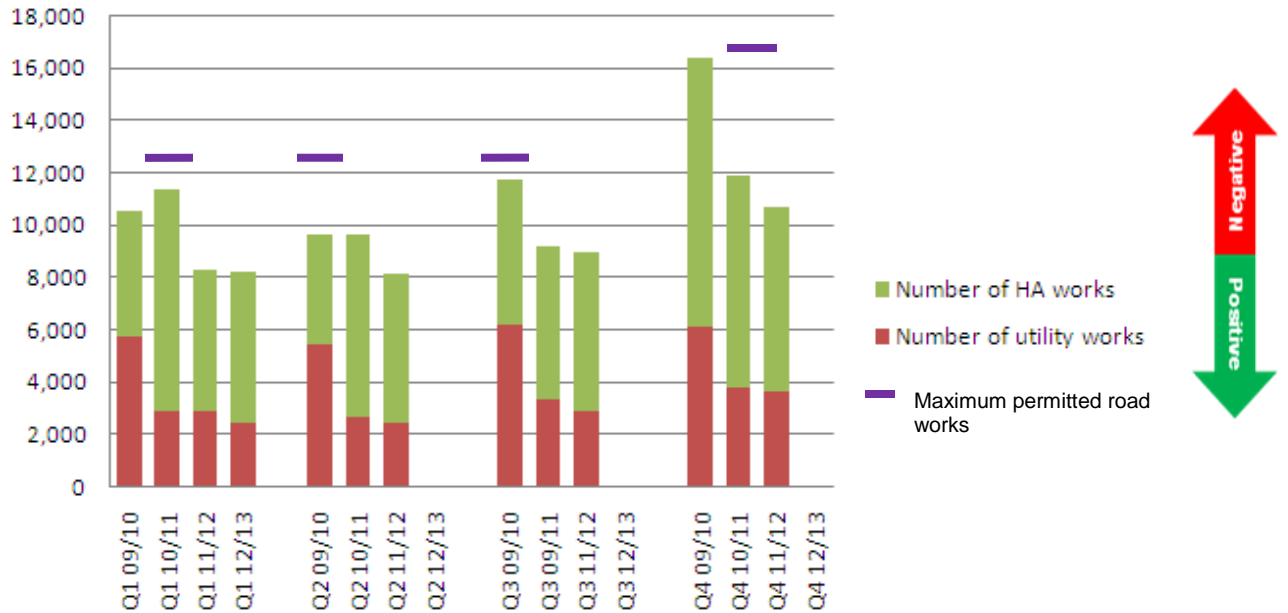
Cycle flows in quarter 1 have decreased compared to the same quarter in the previous year. This is attributed by TfL to some of the wettest months on record, which may have acted as a deterrent to cycling.

Graph 6 – Cycle flows on the TLRN – by quarter indexed to March 2000 = 100. Q1 2008/09 to Q1 2012/13



The graph below shows the number of road works on the TLRN since quarter 1 2009/10. This shows that the number of roadworks have been contained below TfL's target maximum.

Graph 7 - Number of road works on the TLRN, Q 1 2009/10 to Q1 2012/13

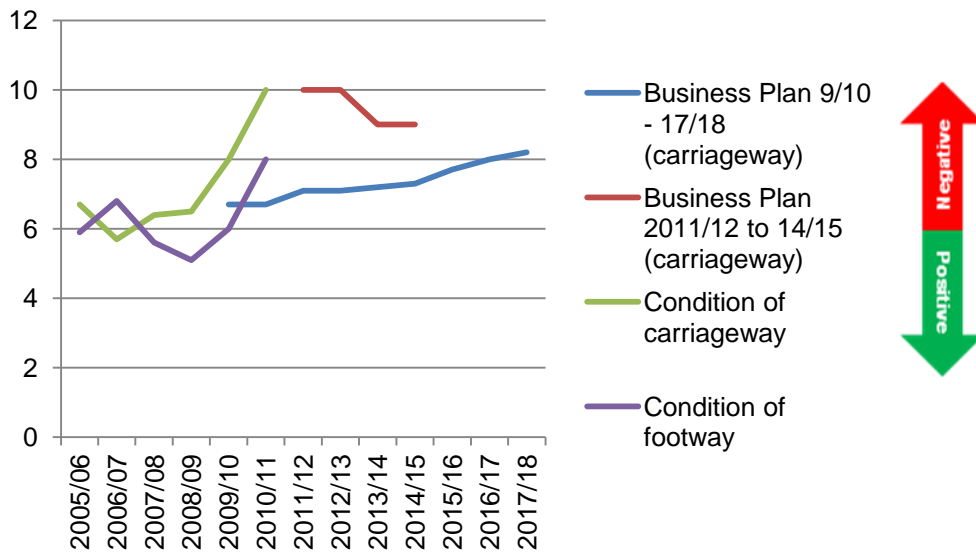


The percentage of roads not in a ‘good state of repair’ is significantly above target (poorer). TfL attributes this to the last two severe winters. Future Business Plan projections have been relaxed to take account of this deterioration. There has been a similar deterioration in the condition of the TLRN pavements. It may take substantial time and investment to improve road condition to prior to the last two winters.

(Note: the green and purple lines show the percentage of carriageway and pavement that is assessed as in need of repair. The blue and red lines show Business Plan projections. (The most recent has been relaxed).

This is an annual survey.

Graph 8 – Condition of the TLRN carriageway and pavements since 2005/06 (percentage of carriageway/pavement in need of repair)



In 2010, TfL conducted a new online customer satisfaction survey amongst users of the Transport for London Road Network (TLRN). They repeated this survey in 2011. Below is a selection of the results. Though some caution should be applied to interpretation of this new survey this year's figures show a marked improvement in customer satisfaction with the TLRN.

Table 2 – Customer satisfaction – traffic scores

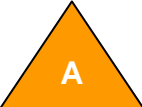
Indicator	2010	2011
Overall satisfaction	72	75
Working condition of traffic lights	75	77
Could accurately estimate how long journey would take	70	73
Up to the minute information about delays and disruption	68	72
Management of road works	67	70
Traffic congestion	63	67

Table 3 – Customer satisfaction – roads scores

Indicator	2010	2011
Overall satisfaction	72	75
Street lighting	75	77
Condition of road surfaces	68	70

Below is a summary of all of the 2012/13 TfL Business Plan targets for streets that do not relate to safety.

Table 4 – Q1 2012/13 London Streets TfL Business Plan Key Performance Indicator (KPI)

KPI	Target 2012/13	Current Performance Level
Journey Time reliability	89.3	88.9
TLRN Cycling journeys	313	269
% of road assets not in good repair (annual figure for 2009/2010)	10%*	10%
Traffic signal availability	99.1%	99.0%
Street lights operating	98%	98.9%
<p>*Target reduced to reflect deterioration in road condition and an acceptance that the previous target is unachievable.</p> <p>London TravelWatch's overall performance assessment of TfL Streets:</p> 		

3 London Buses

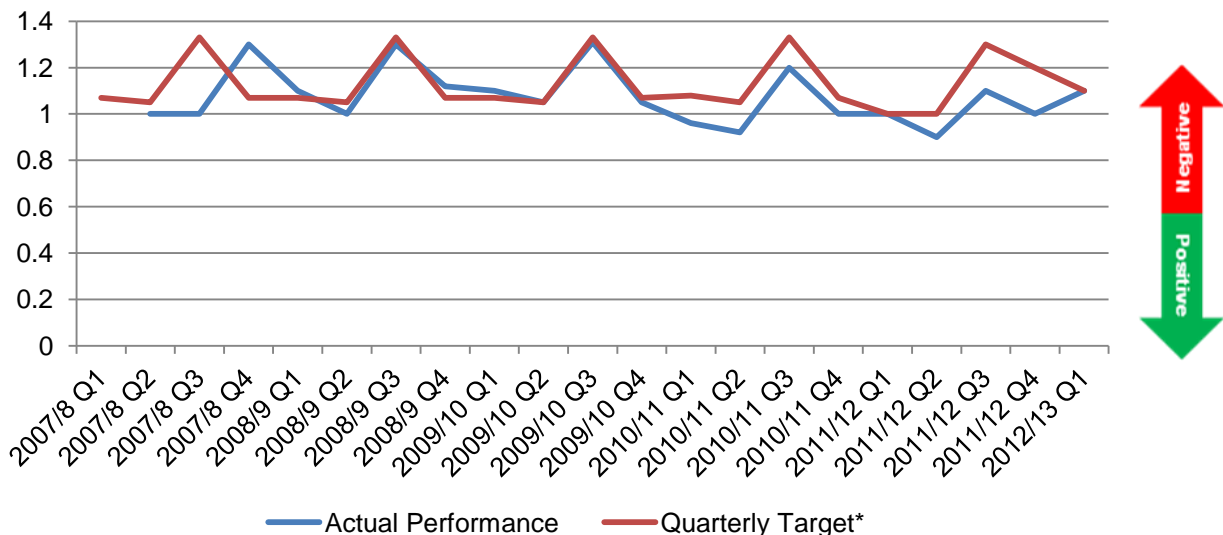
This section of the report sets out the performance of the London bus network in the first quarter of 2012/13.

Overall Bus Network Performance

For the overall bus network, the two most significant measures of bus performance, which reflect passengers' experience, are Excess Wait Time (EWT), and the percentage of scheduled kilometres operated. Between them, they show if the planned frequency of bus services are being delivered.

EWT is the measure that indicates the additional minutes wait time of passengers beyond the scheduled value on high frequency bus routes. EWT was equal to target in quarter 1, (Graph 9). This sustained very good performance of the bus network because of the better control that operators have as more of them make effective use of the I-Bus system. Please note: We understand that these figures are produced for the first time using the I-Bus system as opposed to the traditional manual survey.

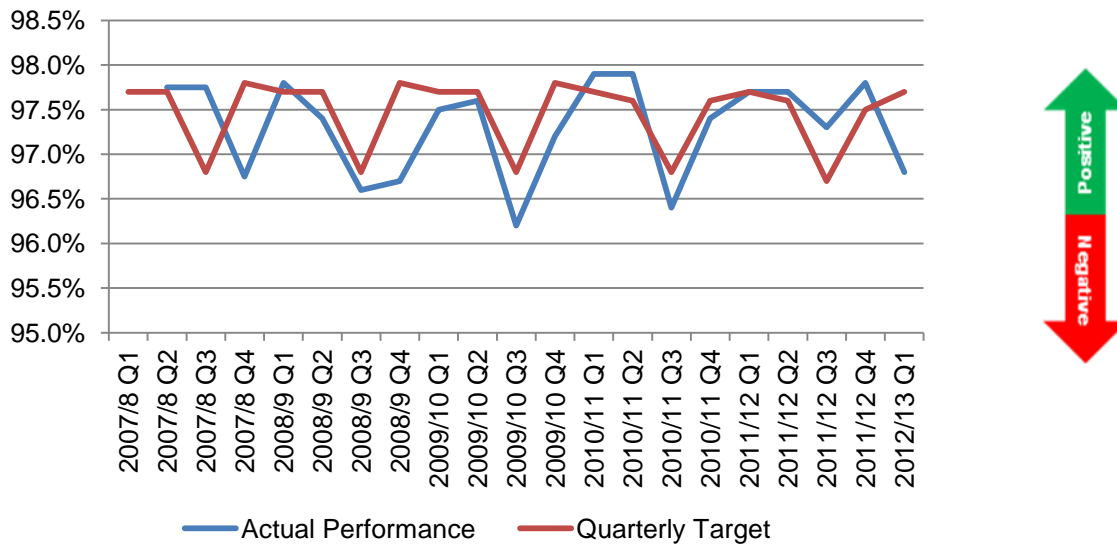
Graph 9 – Q1 2007/08- Q1 2012/13, Excess Wait Time (minutes) on high frequency bus routes



*The annual target remains at 1.1 for 2012/13 year, but the seasonal target is higher

The graph below represents the historical trend of the percentage of scheduled bus kilometres operated. This measure of performance is below (worse than) target. Again, the graph shows seasonal targets.

Graph 10 – Q1 2007/08- Q1 2012/13, Percentage of Scheduled Bus Kilometres Operated



Focus on poor performing routes

As well as the Excess Waiting Time (EWT) figure for all London’s high frequency bus services, TfL publishes figures per route along with the minimum standard agreed with the operator as part of the contract.

Of London’s 378 high frequency bus routes in quarter 1 2012/13, 84 were below the contracted minimum standard. Thirty-seven operated at the contracted standard, and 257 performed better than the contracted standard.

Poor performance on the bus network is often because of prolonged roadworks, which are often outside of the control of TfL. Where this occurs, TfL is actively trying to reduce the impact on passengers.

London TravelWatch has analysed the worst performing 20 bus services to see if any are consistently performing poorly routes. Of these, bus routes 217, 3, 23, and 391 are of concern. London TravelWatch has asked TfL what the issues are for these routes and will continue to monitor them.

Please note: TfL informed London TravelWatch, the above mentioned routes are under performing because:

Route 217 can suffer variable delays, which affect performance. TfL and the operator of this route are in discussions as to how performance can be improved.

The operation of route 3 changed depots in February. Initial performance was not good. In order to address the problems a new schedule with revised timings was introduced on 30 June 2012. Subsequently the route was affected by roadworks and congestion in Regent Street. These roadworks have now ended and performance since July has met minimum standards. The performance of the route will be kept under review.

Extra resources were added in December to increase the running time of route 23. Over the last year, this route has been affected by roadworks on Oxford Street and Regent Street. Since July, the route has met minimum standards. The performance of the route will be kept under review.

A new reliability schedule with extra runtime, for route 319, is in discussion with the bus operator. It is hoped to introduce this schedule later this year

Bus stop accessibility

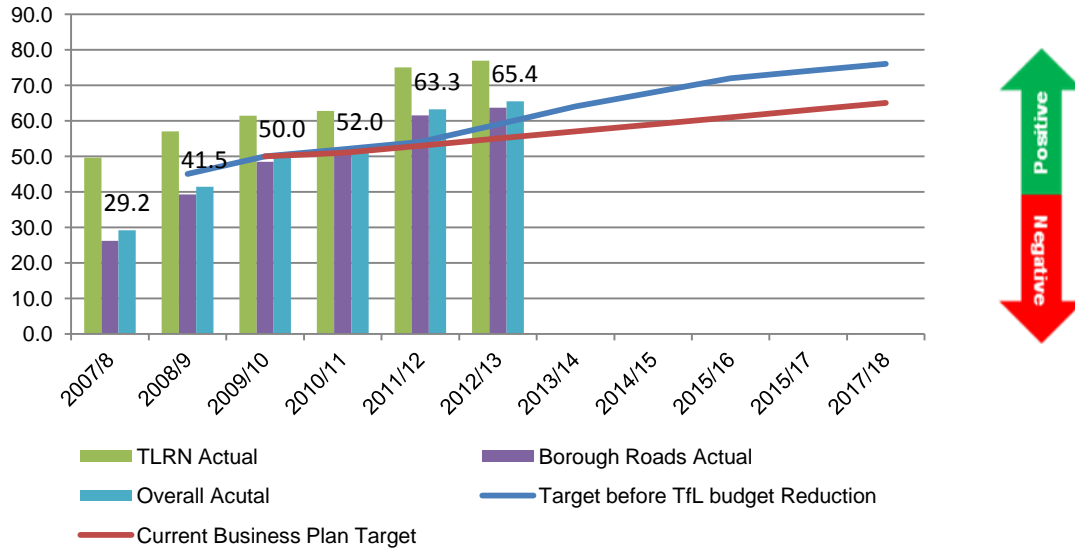
Based on TfL's audit of bus stops, 65% of all bus stops across the network meet TfL's exacting accessibility criteria. This is above target. On the TfL road network, the figure is higher at 77%. This is a significant improvement and above TfL's Business Plan target.

It is particularly pleasing to see Barking & Dagenham, Bromley, Camden, Enfield and Newham have each increased bus stop accessibility by between 13% and 25%, when compared to the previous quarter.

The graph below shows the targets for bus stop accessibility. The blue line is taken from the 2008/9 to 2017/18 Business Plan, the red line (a lower target) from the 2009/10 to 2017/18 Plan. This is compared with the progress made, to date, for TLRN, borough roads and overall percentages.

The latest Business Plan, 2011/12 to 2014/15, includes a commitment to improve the accessibility of bus services, but does not explicitly include a target for accessible bus stops. However, the Mayor's Transport Strategy Accessibility Implementation Plan states an ambition to achieve 70% of stops to be fully accessible by the end of 2012/13. This is welcome.

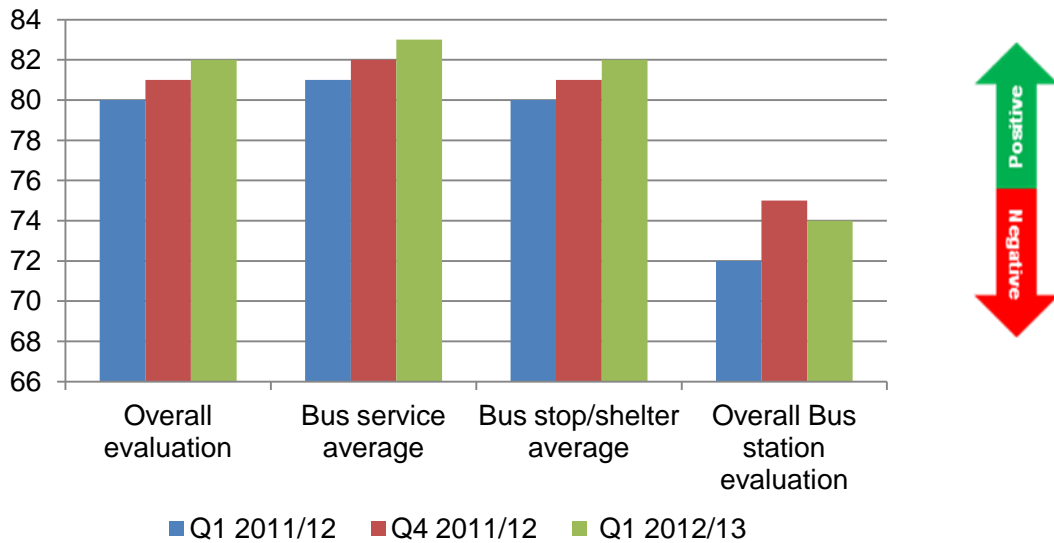
Graph 11 – Bus stop accessibility 2008/9 to 2017/18 target and progress to date



Customer Service

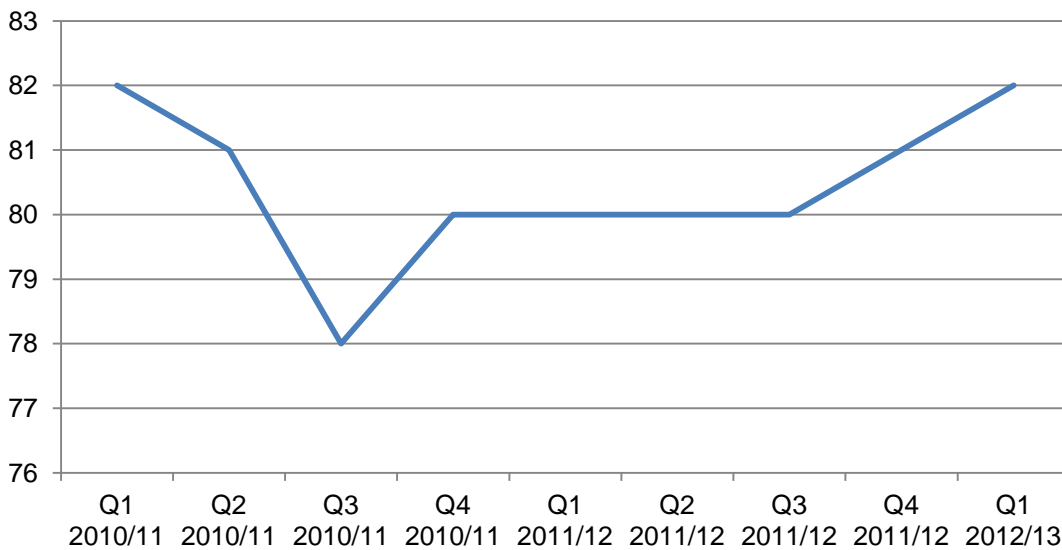
Customer satisfaction figures for the last two quarters, along with the comparison from one year ago, are shown in the graph below.

Graph 12 – Q1 2011/12, Q4 2011/12 and Q1 2012/13 bus customer satisfaction scores (percentages)




Below are the overall customer satisfaction scores since Q1 2010/11

Graph 13 – Overall satisfaction since Q1 2010/11 (percentages)



Below is a summary of the 2011/12 TfL Business Plan targets for London Buses.

Table 6 – Q1 2012/13 London Buses TfL Business Plan Key Performance Indicator (KPI)

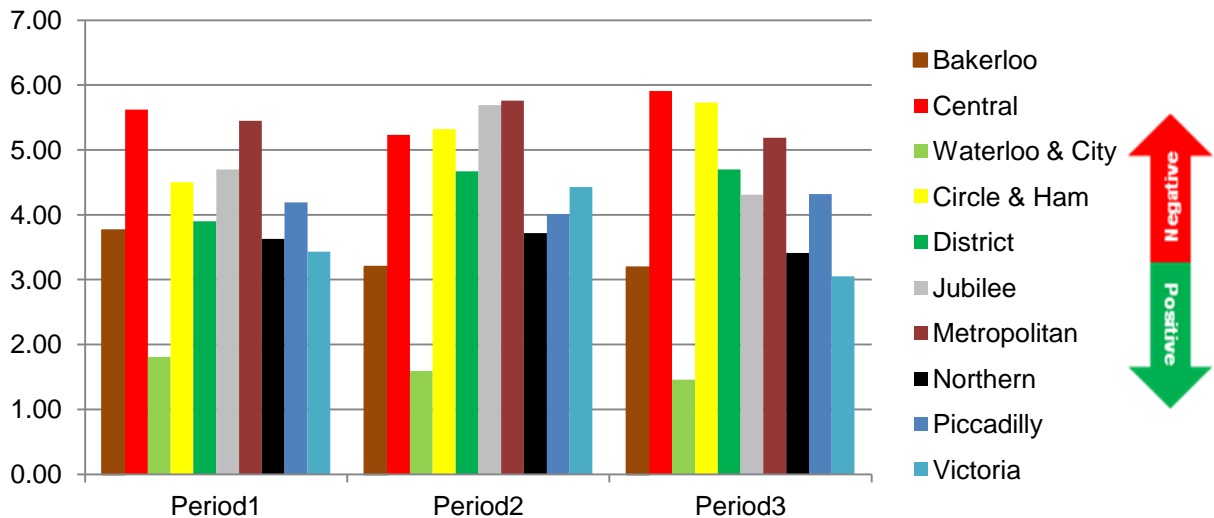
KPI	Target 2012/13	Current Performance Level
Customer satisfaction – overall	80%	82%
Excess wait time – high frequency routes	1.1 minutes	1.1 minutes
% of Scheduled services operated	97.7%	96.8%
London TravelWatch's overall performance assessment of London Buses:		
		

4 London Underground

In this section, the performance of London Underground for the first quarter of the financial year 2012/13 is presented. The key indicators focused on are those for which targets are set in the TfL Business Plan and those, which reflect the experience of London Underground’s passengers.

Excess Journey Time (EJT) measures the number of additional minutes added to a total journey because of delays. The graph below presents the EJT for each line on the Underground network over the last three periods making up (broadly) the quarter.

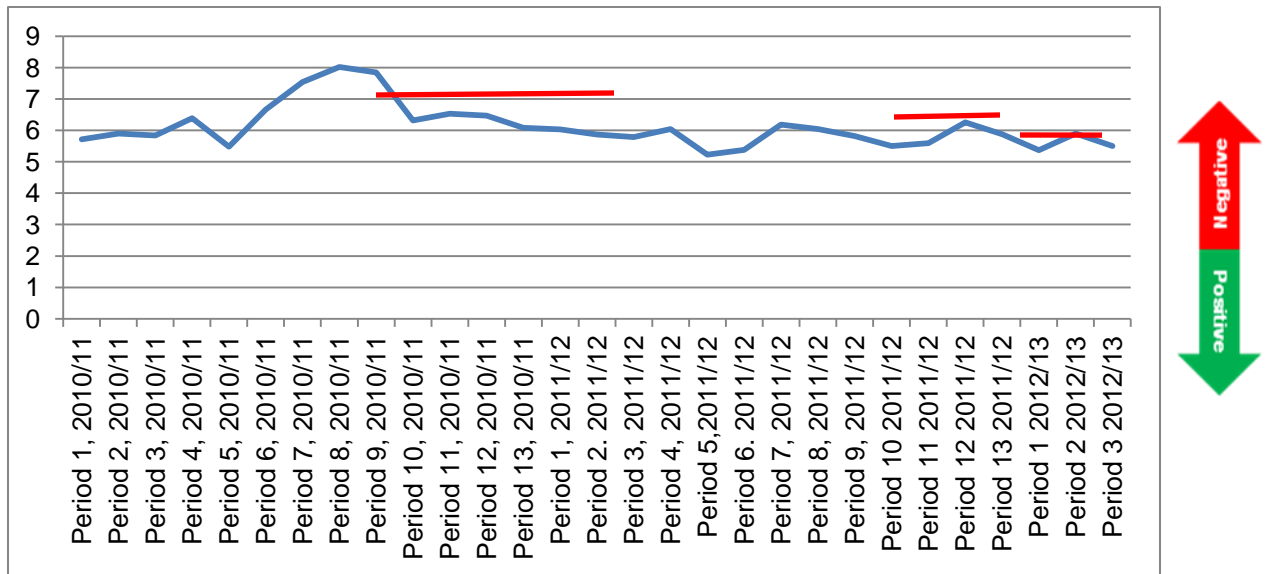
Graph 14 – P1 2012/13 to P3 2012/13, Excess Journey Time by Underground line (minutes)



The network measure, shown in the graph below, is a better estimate of a real journey EJT, as it is weighted by the passenger numbers using the different lines and recognises that 40% of Underground journeys will include two legs and therefore includes two wait times.

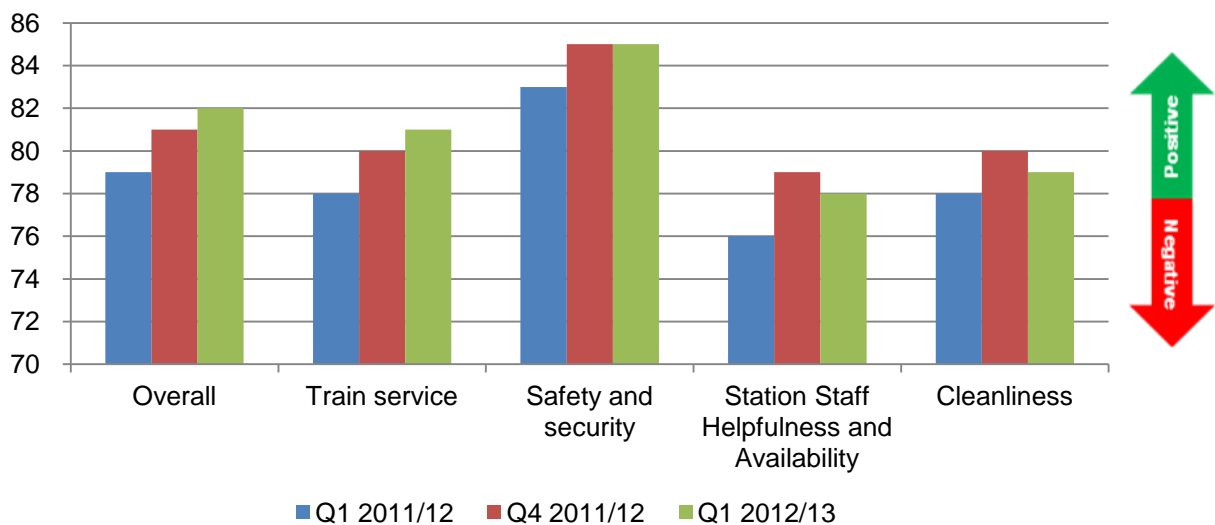
London Underground performed better than the network target set in the TfL 2011/12 Business Plan. It should be noted that this network target is somewhat tighter than the previous year’s target and will tighten further in future years. While there are high profile disruption events on the Underground, performance is on an improving trend.

Graph 15 – P1 2010/11 to P3 2012/13, Excess Journey Time measure for the network (minutes)



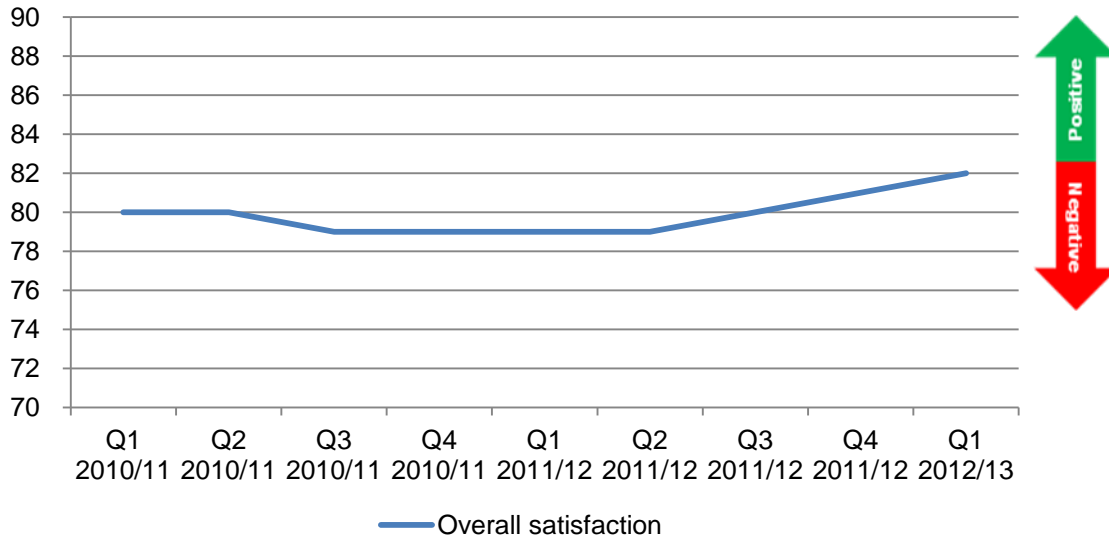
Customer satisfaction figures for the last two quarters, along with the comparison from one year ago, are shown in the graph below.

Graph 16 –Q1 2011/12, Q4 2011/12 and Q1 2012/13 LUL customer satisfaction scores (percentages)




Below is the graph of overall satisfaction with LUL services since Q1 2010/11.

Graph 17 – Overall satisfaction, Q1 2010/11 to Q1 2012/13



Below is a summary of all of the 2011/12 TfL Business Plan targets for the Underground.

Table 7 – Q1 2012/13 London Underground TfL Business Plan Key Performance Indicator (KPI)

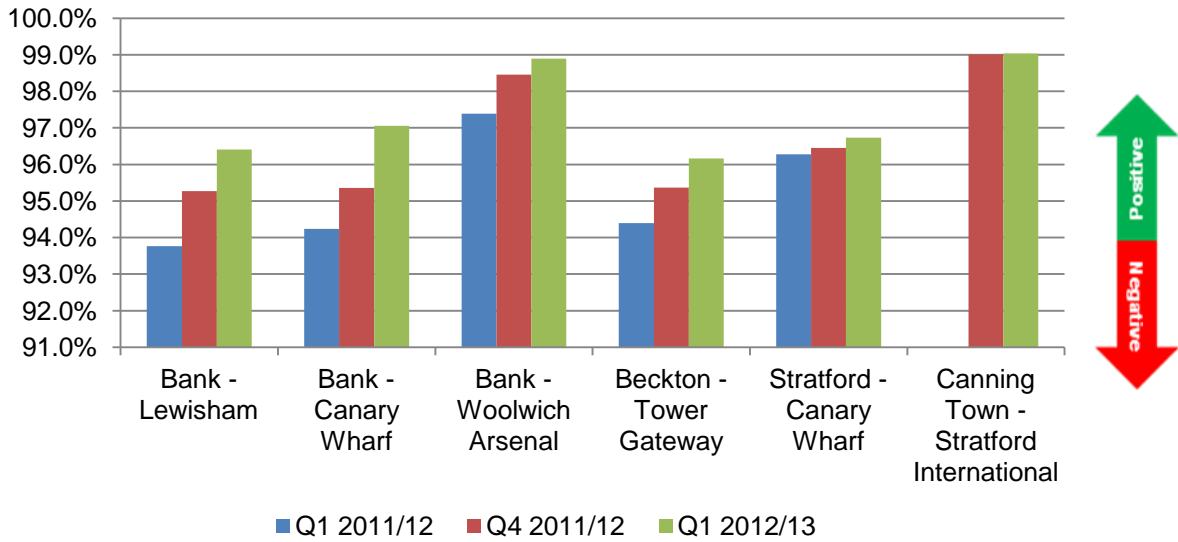
KPI	Target 2012/13	Current Performance Level
Customer satisfaction – overall	80%	82%
Excess Journey Time	5.79 minutes	5.59 minutes
% of Scheduled Services Operated	96.9%	96.8%
London TravelWatch’s overall performance assessment of London Underground:		
		

5 Docklands Light Railway

In this section, the performance of DLR is presented. The key indicators focused on are those for which targets are set in the TfL Business Plan and those, which reflect the experience of passengers of the DLR.

Below is the Journey Time performance by route.

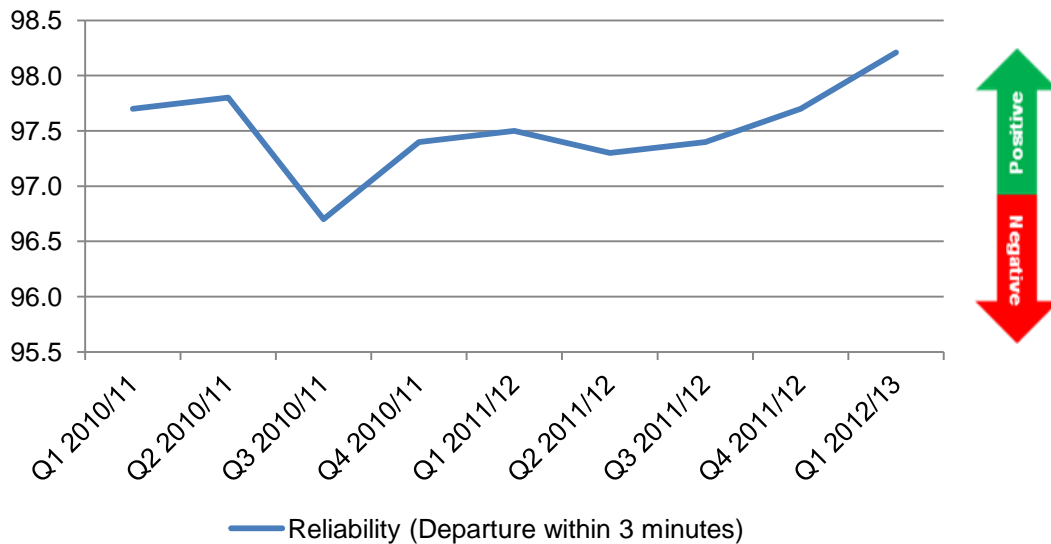
Graph 18 – Q1* 2011/12, Q4 2011/12, Q1 2012/13 Journey Time (split by route)



*Please note DLR use calendar year quarters when they publish figures on their website. These are financial year quarters in line with TfL general reporting.

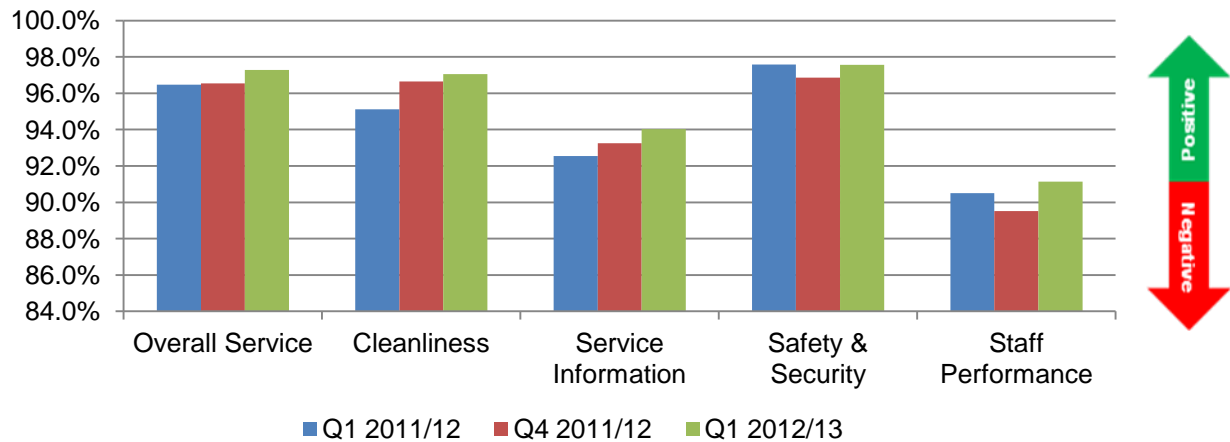
DLR’s network-wide performance measure is ‘departure reliability’. This is the percentage of intervals between trains at terminal stations no more than three minutes greater than the published service intervals.

Graph 19 – Q1 2010/11 to Q1 2012/13 reliability (departure within 3 minutes of published service intervals)

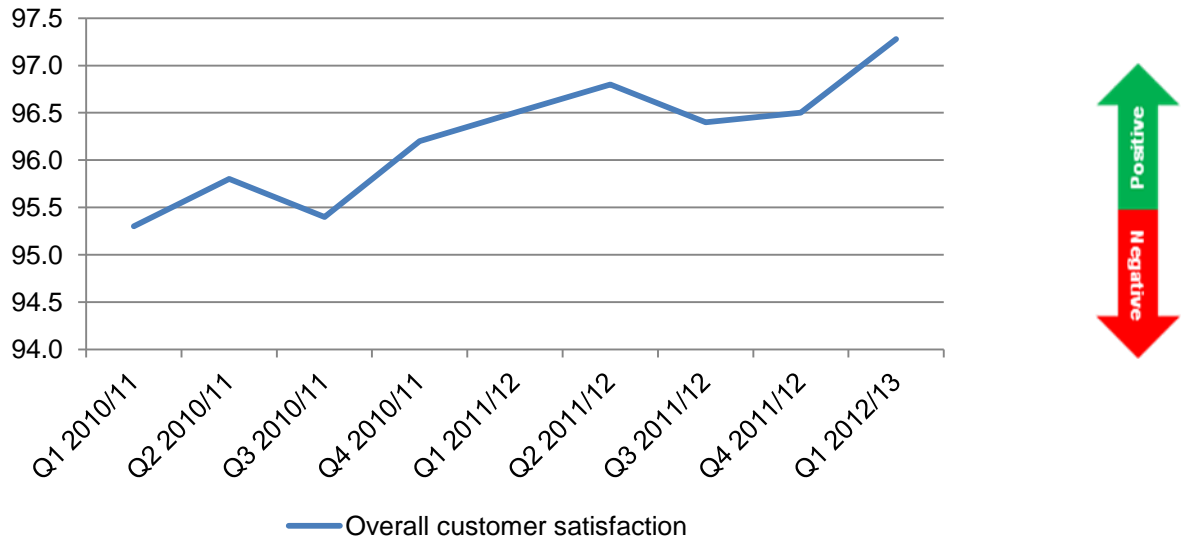


DLR’s own internal customer satisfaction scores were all above their target of 90%, with the exception of staff performance. TfL undertakes its own customer satisfaction survey, which gives lower figures and is used in the Business Plan. We hope that these two measures can be merged.

Graph 20 – Q1 2011/12, Q4 2011/12, Q1 2012/13 DLR customer satisfaction scores




Graph 21 – Q1 2010/11 to Q1 2012/13, overall customer satisfaction scores



Below is a summary of all of the 2012/13 TfL Business Plan targets for the DLR.

Table 8 – Q1 2012/13 DLR TfL Business Plan Key Performance Indicator (KPI)

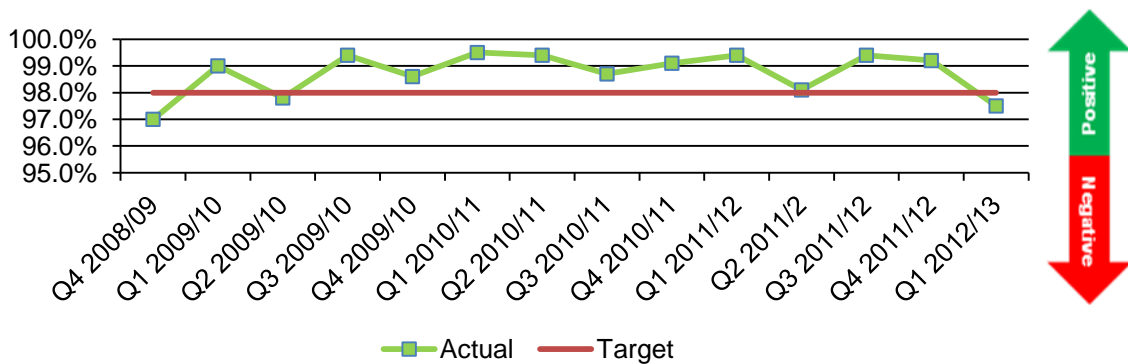
KPI	Target 2011/12	Current Performance Level
Satisfaction – Overall	82%	86%
Service Reliability	97.2%	98.1%
% of Scheduled Services Operated	98%	97.7%
London TravelWatch’s overall performance assessment of Docklands Light Railway:		
		

6 London Tramlink

The Percentage of Scheduled Services operated by Tramlink fell below the previous quarter, and was below the Business Plan target.

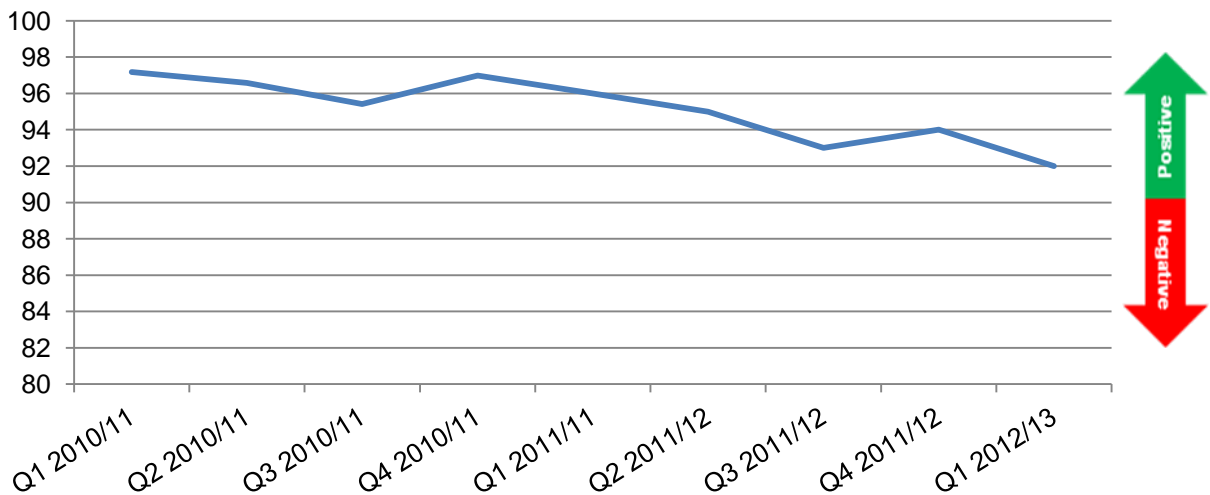
The graph below shows the Percentage of Scheduled Service kilometres operated since quarter 3 2008/09.

Graph 22 – Q3 2008/9 to Q1 2012/13, percentage of scheduled service kms operated



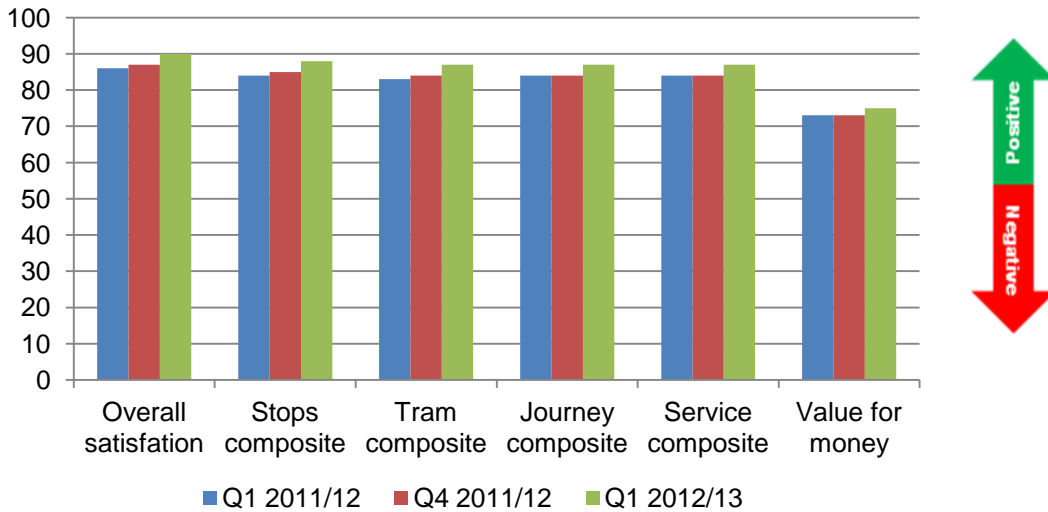
London Tramlink reports a Public Performance Measure, which is the percentage of trams that arrive within five minutes of the scheduled time. There is no associated target.

Graph 23 – Q1 2010/11 to Q1 2012/13, Public Performance Measure (per cent)



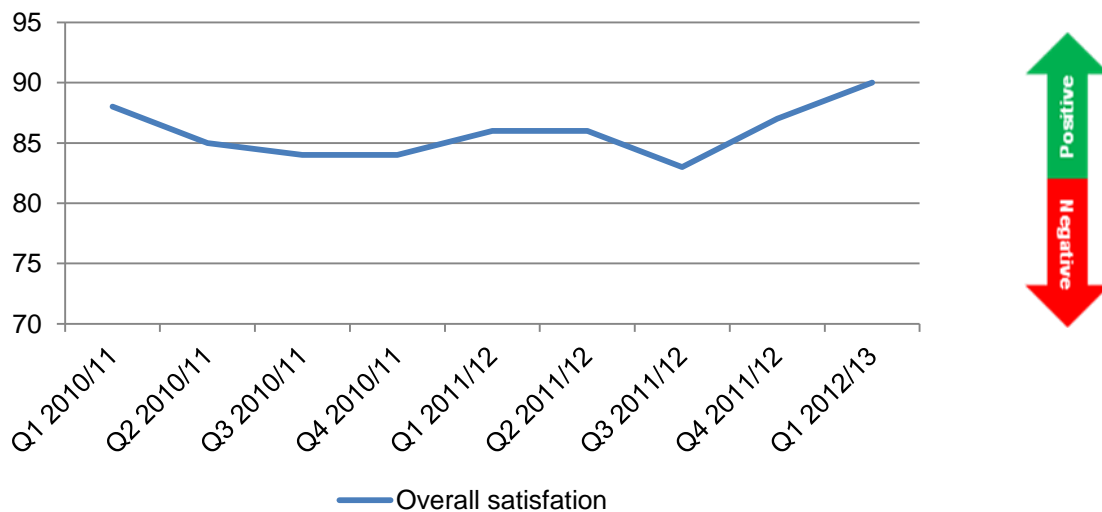
Customer satisfaction scores on Tramlink are shown below including a Tramlink value for money score

Graph 24 – Q1 2011/12, Q4 2011/12, Q1 2012/13 customer satisfaction Scores




Following a significant drop in customer satisfaction scores in Quarter 3, Tramlink initiated a series of actions that appears to have resulted in continuous improvement to the customer satisfaction score.

Graph 25 – Overall customer satisfaction scores since Q1 2010/11



Below is a summary of all of the 2012/13 TfL Business Plan targets for London Tramlink.

Table 9 – Q1 2012/13 London Tramlink TfL Business Plan Key Performance Indicator (KPI)

KPI	Target 2012/13	Current Performance Level
Customer satisfaction – overall	86%	90%
% of scheduled service kms operated	98%	97.5%
London TravelWatch's overall performance assessment of London Tramlink:		
		


7 London Overground

London Overground's Public Performance Measure (PPM) for the first quarter was 95.7%. This was 0.7 per cent lower than the same quarter last year. Please note this is a Network Rail statistic.

The National Passenger Survey results are from the latest Spring 2012 wave of surveys. The percentage satisfied or good remains unchanged when compared to the same period in the previous year.

TfL's own customer satisfaction score is also above target.

Table 10 – Q1 2012/13 London Overground TfL Business Plan Key Performance Indicators (KPI) and National Rail performance figures

National Rail Performance measure	Target 2012/13	Current Performance Level
Customer satisfaction – overall (National Passenger Survey bi-annual data). Percentage satisfied or good	Average of similar London and South East TOC's: 83% (Not a TfL target)	90% (Spring 2012)
Public Performance Measure (Network Rail figures)	N/A	95.7%
TfL KPIs	Target 2012/13	Current Performance Level
Overall customer satisfaction score (TfL measure)	80	82
On Time Performance (A TfL measure of PPM Moving Annual Average)	95.8%	96.4%
London TravelWatch's overall performance assessment of London Overground:		
		

8 Dial-a-Ride

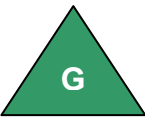
Dial-a-Ride is a door-to-door transport service operated by TfL for people with disabilities who cannot use buses, trains or the Underground in London.

The customer satisfaction score remains below target. It should be noted that the overall figure masks very different aspects of the survey scores. Members are very satisfied with driver helpfulness/courtesy, which scores 95%, but are less satisfied with the booking process, which scores only 78%.

The number of journeys delivered in Quarter 1 is similar to the same quarter in the previous year. Though no quarterly target is available TfL are forecasting that the number of journeys will be at target for the year.

It is pleasing to see Dial-a-Ride is now generally delivering the target number of journeys. However, greater demand may arise from an aging population and the cessation of other similar door-to-door services. TfL are starting to implement a new regime for membership, which should ensure that those that need this service are prioritised.

Table 10 – Q1 2012/13 Dial-a-Ride TfL Business Plan KPIs

KPI	Target 2012/13	Current Performance Level
Overall customer satisfaction	93%	92%
Quarterly Passenger Journey Numbers	1,400,000(annual target)	316,888
London TravelWatch's overall performance assessment of Dial-a-Ride:		
		

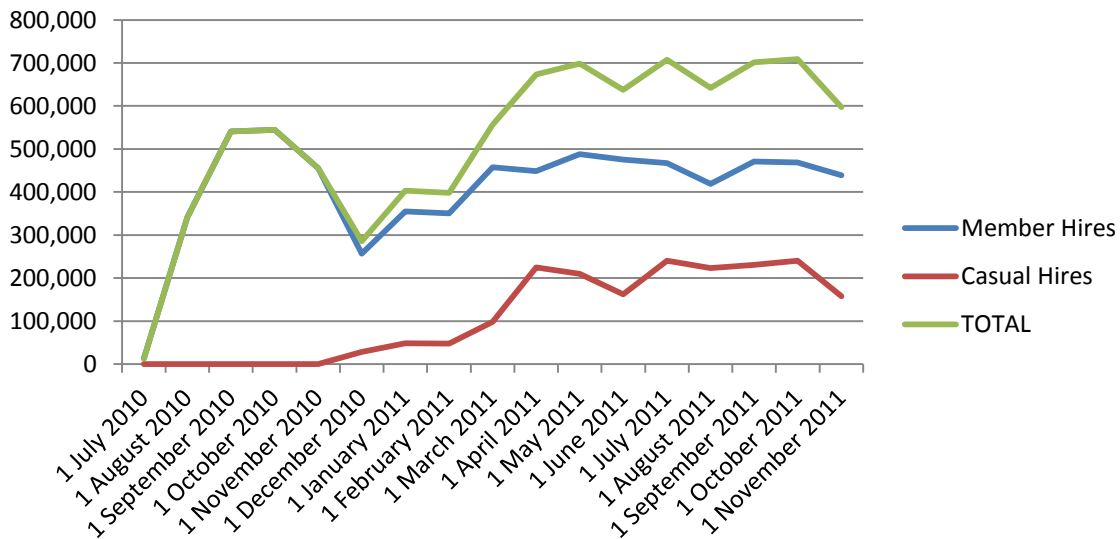
9 Cycle Hire

In this section, the performance of the cycle hire scheme is presented.

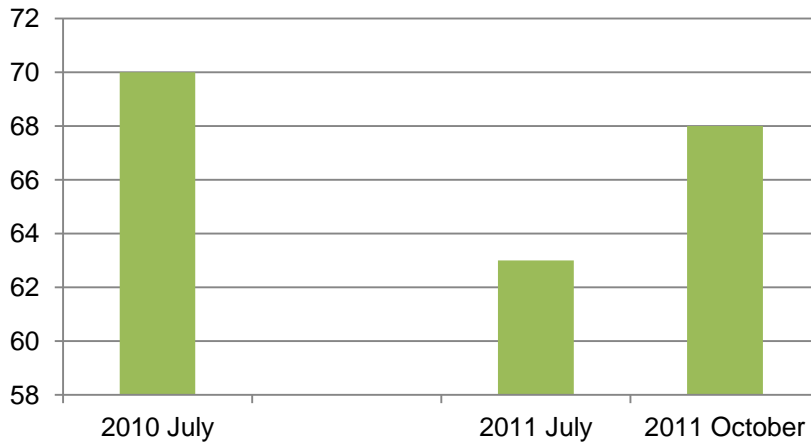
London's cycle hire scheme is a public bike-sharing scheme for shorter journeys around the capital. The bikes are available to casual users, as well as London cycle hire scheme members.

The graph below shows the usage of the cycle hire scheme throughout the year, on a month to month basis. This is an annual survey

Graph 26 – Cycle hire scheme usage

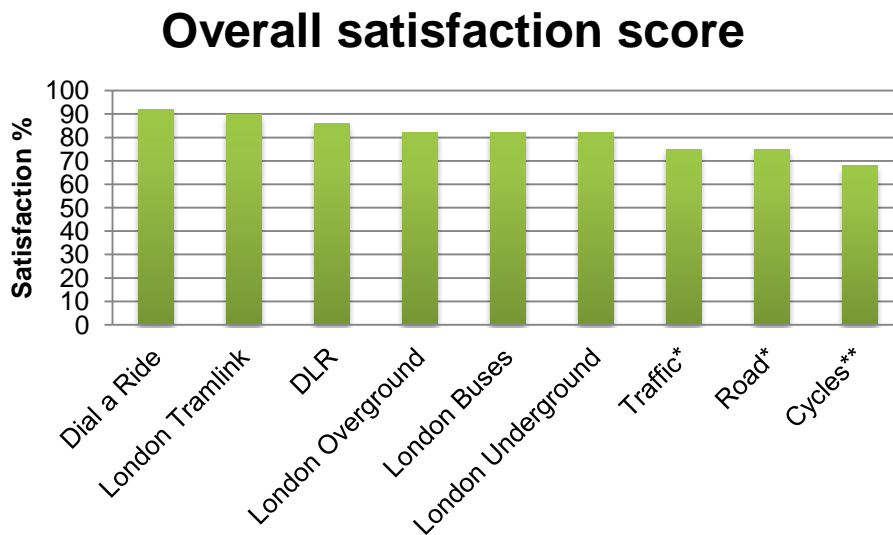


Graph 27 – July 2010, July 2011 and October 2011 cycle hire customer satisfaction score



10 Customer satisfaction scores – modes comparison

Graph 28 – Q1 2011/12 overall customer satisfaction scores – modes comparison



* New figures. Annual survey only

** Taken from TfL's cycle hire customer satisfaction and usage report, December 2011

Appendix – Glossary & References

Glossary

Term	Definition
AWT	Average Waiting Time
BCV	Bakerloo, Central & Victoria lines
DLR	Docklands Light Railway
EJT	Excess Journey Time
EWT	Excess Waiting Time
IRR	Inner Ring Road
JNP	Jubilee, Northern & Piccadilly lines
JTR	Journey Time reliability
KPI	Key Performance Indicator
LOROL	London Overground
MAA	Moving Annual Average
Q	Quarter
PPM	Public Performance Measure
SSL	Sub-Surfaces Lines
SWT	Scheduled Waiting Time
TfL	Transport for London
TLRN	Transport for London Road Network
WEZ	Western Extension Zone

References

- All Transport Modes
 - Operational and Financial Performance Report and Investment Programme Report – First Quarter, 2012/13
- Streets
 - London Streets Performance Report, Q1 2012/13
- London Buses
 - <http://www.tfl.gov.uk/tfl/businessandpartners/buses/boroughreports/>
- London Underground
 - <http://www.tfl.gov.uk/corporate/modesoftransport/londonunderground/1592.aspx>
- Docklands Light Railway (Note: DLR quotes financial Q1 as calendar Q2)

- <http://www.tfl.gov.uk/corporate/modesoftransport/dlr/1536.aspx>
- Dial-a-Ride
 - <http://www.tfl.gov.uk/corporate/modesoftransport/1526.aspx>
- London Overground
 - PPM scores supplied to London TravelWatch monthly by Network Rail.
 - <http://www.passengerfocus.org.uk/research/national-passenger-survey-introduction>
- London Tramlink
 - Customer satisfaction survey scores and Public Performance Measure supplied by TfL directly
- Cycle Hire
 - TfL commissioned cycle hire customer satisfaction and usage survey, December 2011