

TRANSPORT FOR LONDON

RAIL AND UNDERGROUND PANEL

SUBJECT: **LONDON 2012 TRANSPORT**

DATE: **16 NOVEMBER 2011**

1 PURPOSE AND DECISION REQUIRED

- 1.1 The presentation attached to this paper sets out an overview of transport arrangements during the 2012 Games, in order to update the Panel on Olympic transport and Games preparation.
- 1.2 A similar presentation was submitted to a meeting of the Surface Transport Panel on 8 November 2011.

2 RECOMMENDATION

- 2.1 The Panel is asked to NOTE the presentation.

3 CONTACT

- 3.1 Contact: Mike Brown, Managing Director, Rail and Underground
Number: 020 7027 8499
Email: MikeBrown@tfl.gov.uk

2012 Transport Rail & Underground Panel

16 November 2011



TfL's Games mission

"TfL aims to ensure spectators, athletes, officials and all others involved in the 2012 Olympic and Paralympic Games can travel through London efficiently and safely, while keeping London's residents and businesses moving to maximise the benefits of the Games for the Capital"



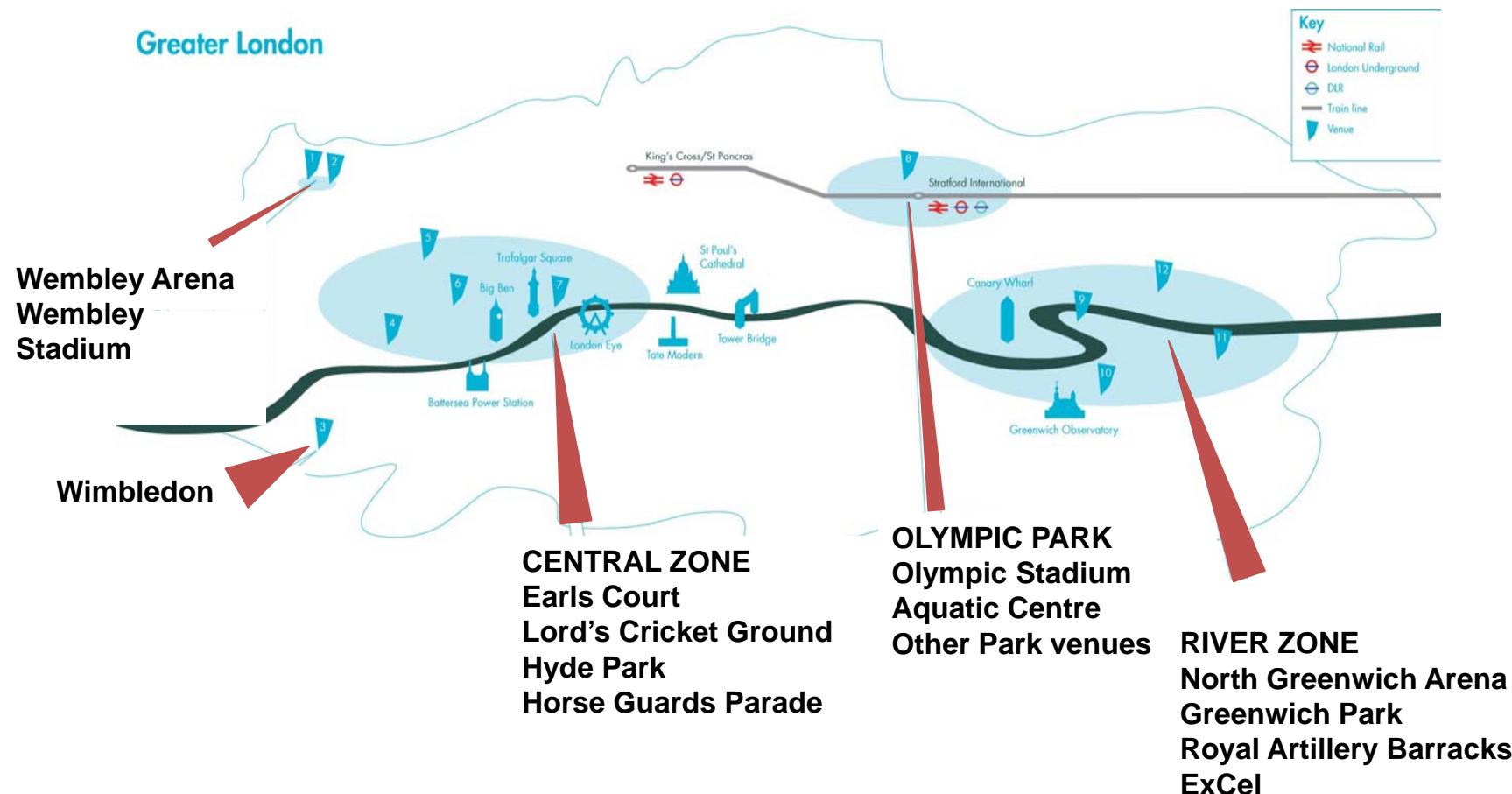
The Games transport challenge



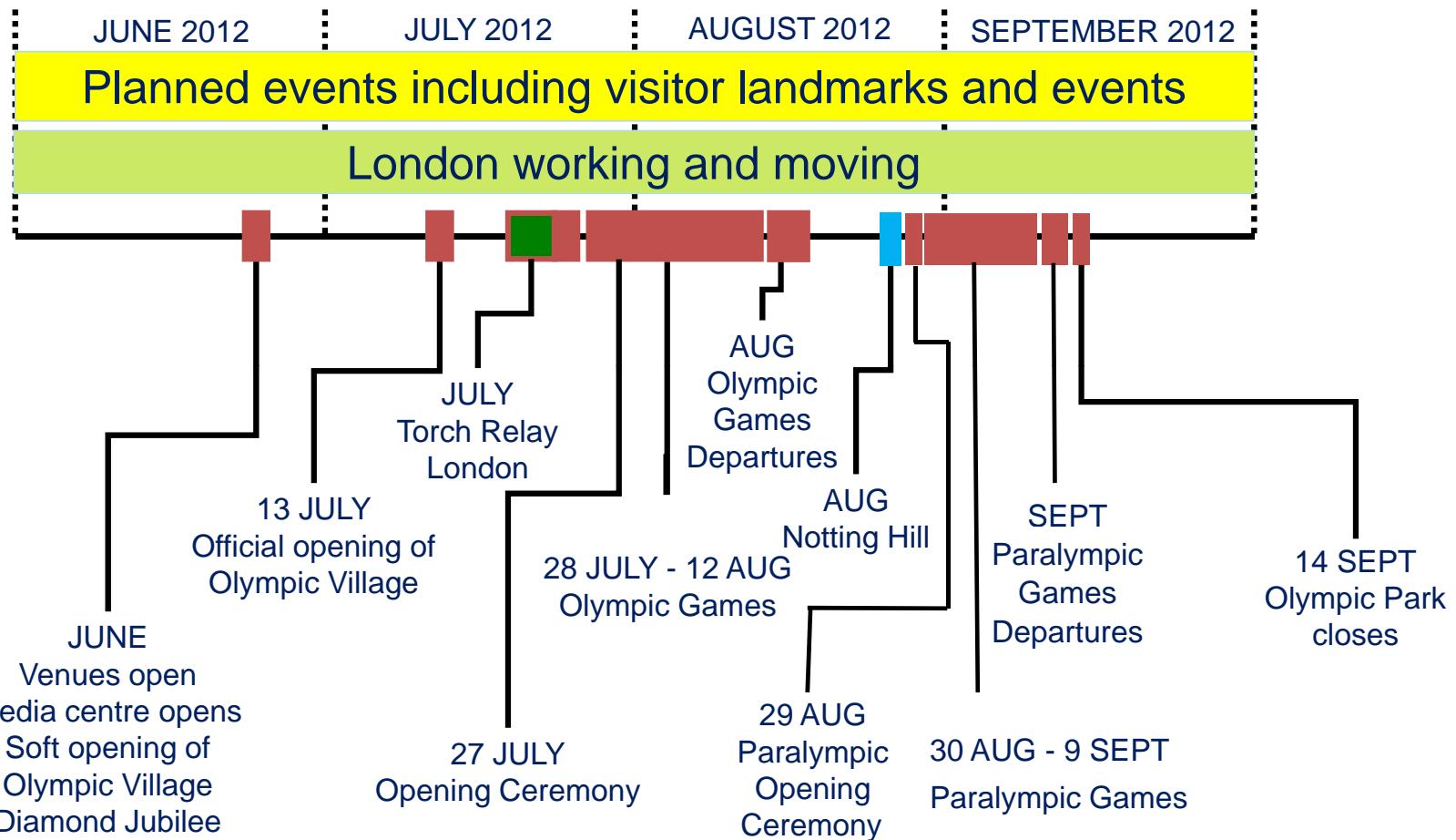
- Britain's '**largest peacetime logistical exercise**'
- Equivalent to **26 simultaneous world championships**
- **9 million** Olympic Games spectators
- **2 million** Paralympic Games spectators
- Almost **300,000** athletes and officials
- All spectators to take **public transport, walk or cycle**



The Games will take place in the heart of London...

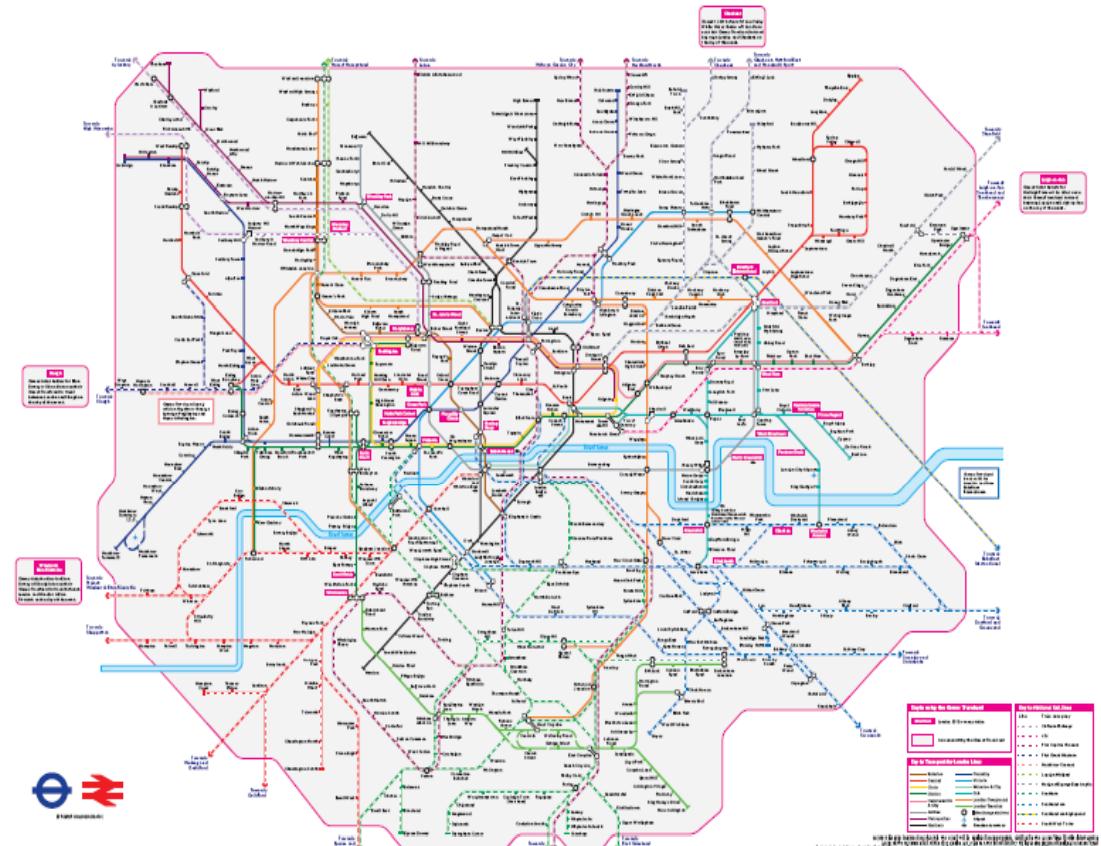


...during a busy summer



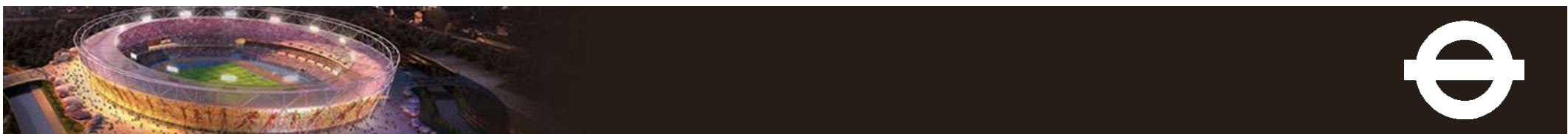
But London's transport system *is* well suited to hosting the Games

- Already **1.1 billion Tube journeys** per year, comparable to rest of UK rail network combined
- **Half of all UK bus journeys** take place in London
- **Olympic Park** connected to four London Underground lines, the DLR, London Overground, numerous national rail services and a dedicated 'Javelin' shuttle service to St Pancras International
- TfL **highly experienced** in major events – e.g. Royal Wedding, 2007 Tour de France Prologue



And TfL is making special arrangements to ensure the Games are a success

- TfL's Games strategy has four main elements:
 1. **Invest in public transport capacity, reliability and accessibility**
 2. **Enhance public transport operations**
 3. **Manage the road network effectively for all road users**
 4. **Manage travel demand patterns to keep London moving**
- TfL is working with the 2012 organisers, Government, other transport operators, businesses and the public to ensure these plans are effectively implemented



Increased public transport capacity

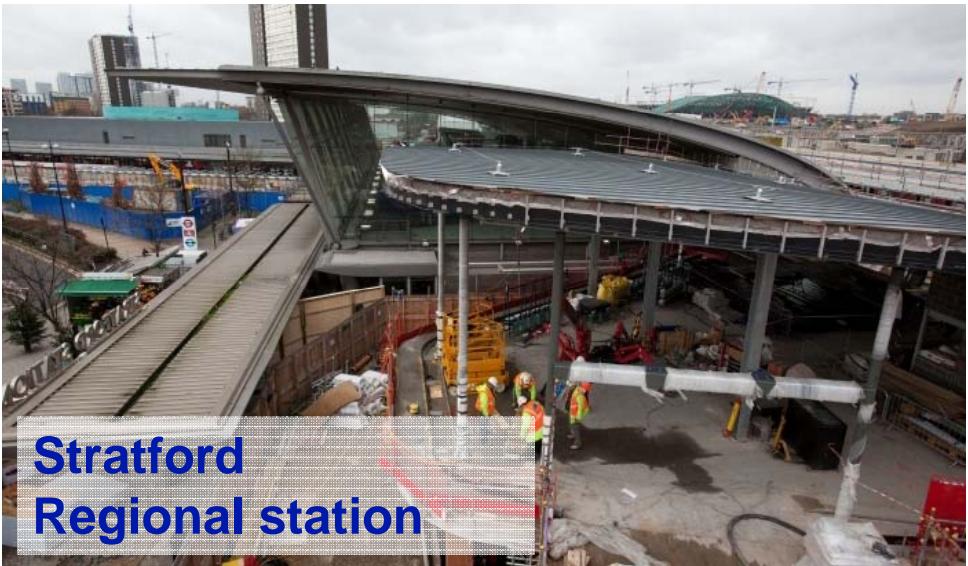
- TfL has invested £6.5bn in transport capacity enhancements to support the Games
- All major projects now complete, in operation and delivering an early legacy
- Highlights include:
 - Jubilee line signalling upgrade: **33% more capacity** by the Games
 - DLR 3-car operation: **50% more capacity**
 - DLR extension from Canning Town to Stratford International
 - London Overground upgrade from Richmond to Stratford: up to **100% more capacity**
 - King's Cross St Pancras and Stratford Regional Tube stations effectively rebuilt and expanded



Public transport infrastructure investments for the Olympic Park...



Stratford International
DLR extension



Stratford
Regional station



Stratford
International DLR



...and across the Capital



Making the Games accessible to all

- Aim is to make London 2012 **the most accessible Games ever**
- New lifts installed at **Green Park** and **Southfields**, meaning 63 Tube stations now have step-free access
- Temporary **platform humps and ramps** to be used on the Tube to further improve accessibility
- DLR, buses and taxis **already fully wheelchair accessible**
- 2012 **Spectator Journey Planner** identifies wheelchair accessible routes

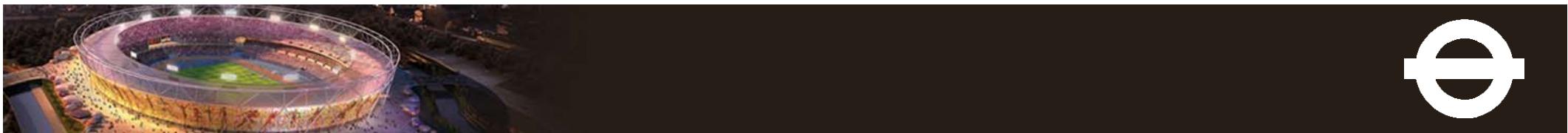
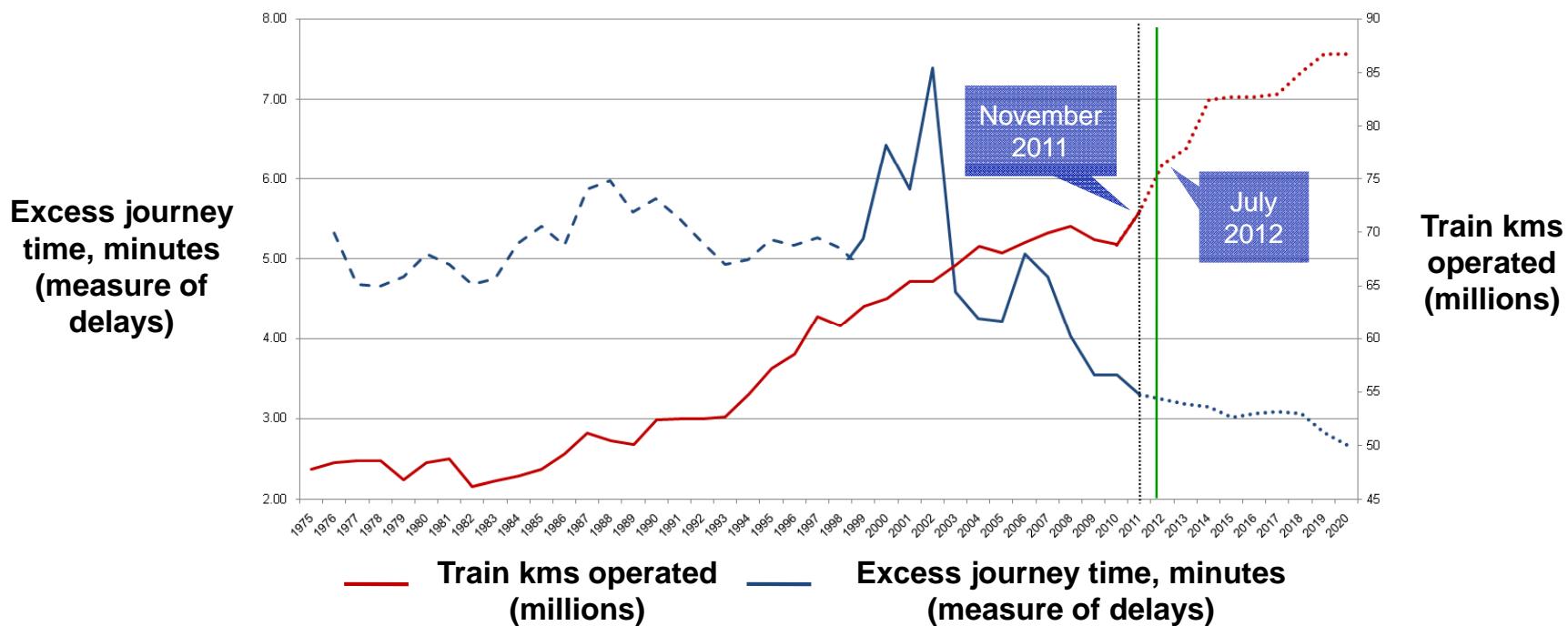


A screenshot of the 2012 Spectator Journey Planner website. The main navigation bar includes "Home", "Get involved now", "Making it happen", "The Games", "Visiting in 2012", "Tickets", "Shop", "Plan my journey", "Public Transport", "River services", "Park and ride", "Blue Badge", and "Car". The "Plan my journey" section shows a route from "Manchester Piccadilly Rail Station" to "Olympic Park" on "28/07/2012" at "Arrive at 12:00". It lists "From" and "To" fields, a date and time selector, and a "Return Journey" section. Below this, there are tabs for "Public Transport", "River services", "Park and ride", "Blue Badge", and "Car". The "Public Transport" tab is active, displaying a map with several green dots representing stops along a rail line. A legend indicates icons for walking, cycling, and public transport. The map shows stations like "Manchester Piccadilly Rail Station", "Heathrow Terminal 4", "London Euston Rail Station", "St. Pancras", and "London Paddington". A "Top Tips" sidebar provides advice on planning journeys and using the journey planner.



The reliability of the transport network is improving as the benefit of upgrades is felt

- DLR recently recorded **record reliability figures** – 95 per cent
- London Overground the **most punctual rail service** in the UK
- Tube reliability **continues to improve**
- All planned **engineering works on the Tube will be suspended** throughout the Games



Enhanced Games time operations

- Tube, DLR and London Overground services to run **one hour later** than usual
- Last trains leave central London around 01:30 and will be at depots around **02:30**
- Trains resume service around **05:00**
- Extra train services in the **late evening** to cater for venue ‘bump out’
- Around **200 extra buses** being operated
- **Extra staff and volunteers** across London’s transport system



Transport hotspots must be managed correctly to keep London moving

MYTH: “There will be queues of two or three hours to get into stations and onto trains in London during the 2012 Games”

- TfL is modelling expected demand every 15 minutes throughout the Games
- This shows that, at certain times and in certain locations, demand will exceed transport capacity – but we do not expect queues of that length
- Some changes in behaviour will be needed at certain times and in certain places, and we will communicate these clearly to customers in the new year
- Large parts of London will not require any reduction
- School holidays will reduce demand by 10%, and road traffic often falls by 20% during major events, like the Royal Wedding, anyway



For example, London Bridge Tube station if no measures to manage demand are put in place



Waiting times from arrival at station



Up to 15 minutes queuing to board a train



Up to 30 minutes queuing to board a train



30 minutes or more queuing to board a train



London Bridge Tube station with 30 per cent demand reduction

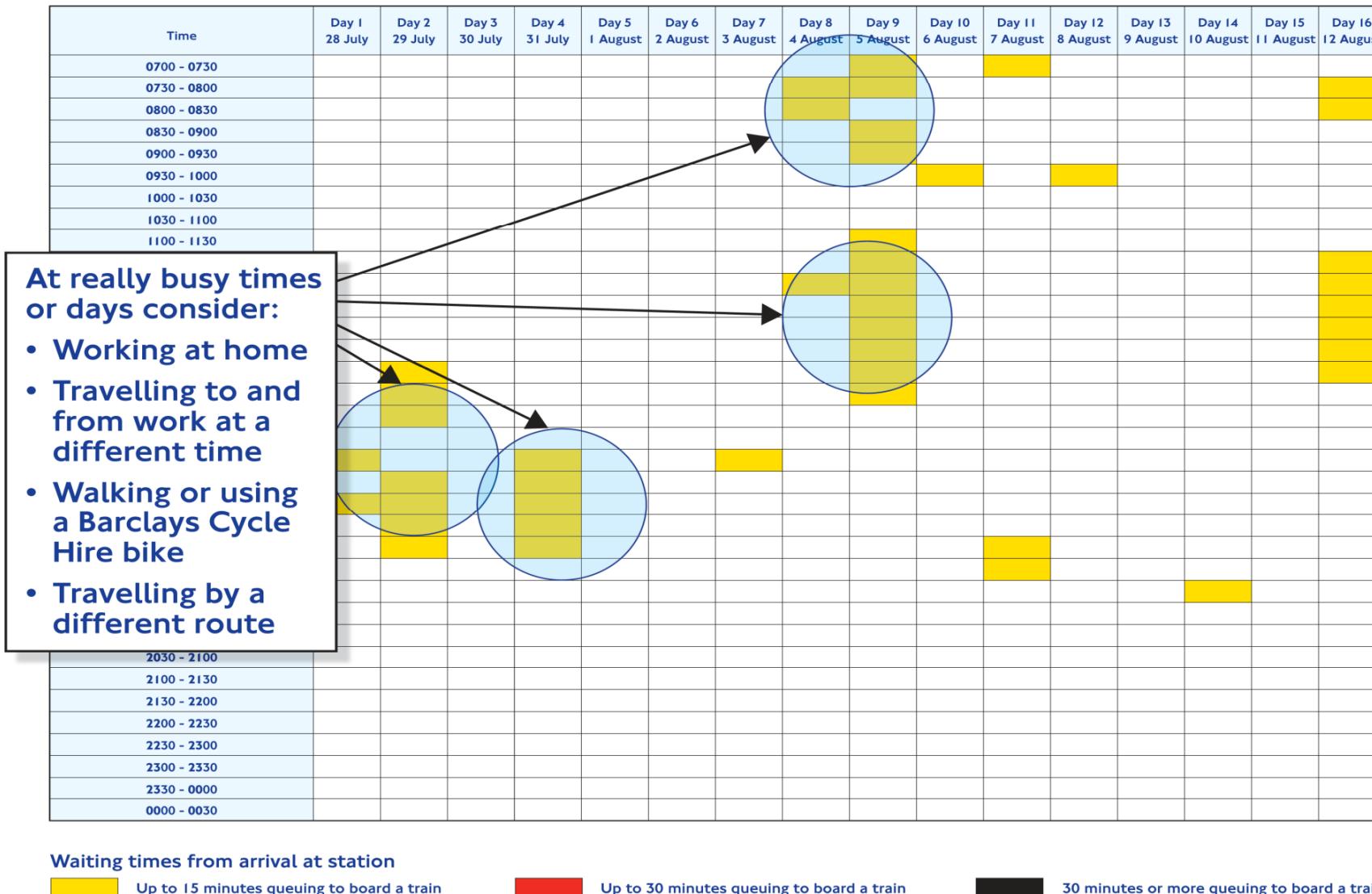


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London Bridge Tube station with 30 per cent reduction and extra measures at certain times



Influencing spectator travel patterns

- Tickets holders are already being encouraged to start planning their journey to the Games, to ensure smooth travel on the day
- TfL has modelled journey patterns to identify optimal routes from across London to all Games venues
- These routes feed into LOCOG's **2012 Spectator Journey Planner**, ensuring spectators reach their venues efficiently, and keeping the transport system moving

The screenshot shows the 'Plan my journey' section of the website. It includes fields for 'From' (Maidenhead (Berks), Windsor & Maidenhead), 'To' (Velodrome), 'Date' (18/07/2012), 'Arrive at' (09:00), 'Return Journey' checked, 'Date' (18/07/2012), 'Leave at' (17:00), and tabs for 'Public transport', 'River services', 'Park-and-ride', 'Blue Badge', and 'Cycle'. A note says: 'To plan a journey to your selected venue, select 'Plan my journey'. If you have additional mobility requirements, please select these first from the options below.' A 'Further accessibility options' link and a 'Plan my journey >' button are also present.

Spectators are advised of the quickest route, not necessarily the most obvious. E.g. passengers arriving at Waterloo are advised to reach the Olympic Park using the District line to West Ham to avoid congestion on the Jubilee line



The '4Rs' of Games time travel

- Businesses, freight operators and the public are being encouraged to:
 - **Reduce**
 - **Re-time**
 - **Re-route**
 - **Re-mode**



TfL's business engagement programme

Action Plan template

Download completed example Action Plans for businesses of different sizes and fu

Action	Delivery
Action to be taken by your business to reduce impact of the Games on travel	Short description of the steps required to deliver the action
Staff travel	

Business travel

Customers and visitors

Supplies and deliveries

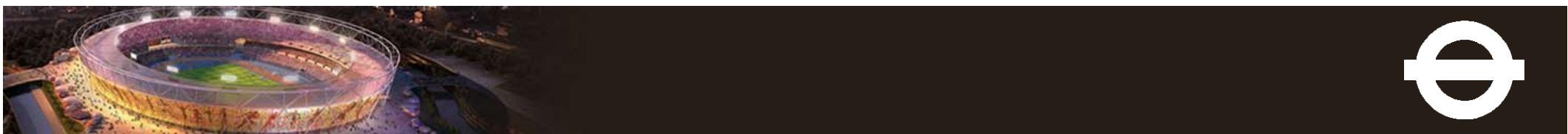
Other

- Businesses are being advised on how the Games may affect them, and encouraged to adapt **staff travel, delivery, service and freight arrangements**
- Three strands are under way:
 - **Free consultancy** for firms employing over 200 staff in a location affected by the Games. 439 businesses now signed up, covering over 500,000 employees
 - **Free advice** for companies in multiple locations, e.g. retail outlets, restaurant chains. 74 companies have so far signed up
 - **Free workshops** for companies of less than 200 staff. 392 companies so far attended workshops



London's transport network is resilient

- The density and number of public transport links in London means when problems do occur, alternatives are nearly always available
- The strength of the network also demonstrated by good performance during August 2011 civil disturbances
- Modelling by TfL, for every day of the Games, every 15 minutes, means performance of the network can be understood and managed properly



Summary

- We have twin objectives, to deliver a **great 2012 Games** and **keep London moving**
- All infrastructure is complete and delivering an **early legacy** for London
- Detailed planning and testing means we are confident **we will deliver**
- We're working **in partnership** with others to make sensible preparations
- We're talking to **businesses** already, and to **the public** from early 2012, to help them plan their transport during the Games



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