



# **Transport for London**

  

## **Network Status & Train Prediction Services**

  

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## **1. Data Services Available**

There are four data services available from Transport for London that will return up to date information about train predictions and network status.

### **1.1. Train Predictions Service – Summary**

This service will return train prediction information for an entire line. The information returned will be a list of stations on the line. For each station a list of trains approaching the station will be returned. For each train it will display the time until the train is due to reach the station, the destination of the train and its current location will be returned.

### **1.2. Train Predictions Service – Detailed**

This service will return detailed train prediction information for a nominated station. A line and station must be nominated for this service. The detailed train prediction service returns similar data to the summary service with the addition of more detailed information. The extra data returned includes the time from station represented in seconds, the track identifier of the current location of the train and the departure time of the train.

### **1.3. Station Status**

This service will return the status of all stations on the network indicating station closures, faulty lifts etc. The service can optionally be run to only return stations where the status is not normal. The service will return the station names and the current status of the station indicating what the problem is in the form of a code and a description.

### **1.4. Line Status**

This service will return the status of all lines on the network indicating any delays, disruptions or suspensions on the lines. The service can optionally be run to return only lines where there are abnormal operations. The service will return the line names and the current status of the line indicating what the problem is in the form of a code and a description.

## 2. Service Behaviour

### 2.1. HTTP Status Codes

#### 2.1.1. HTTP 200 OK for successful requests

All valid and successful requests will return a HTTP status code of 200, however if the Transport for London servers return invalid data, but still a HTTP status code of 200, then this status code will also be sent to the developer, it is therefore the prerogative of the client application to handle such occurrences.

#### 2.1.2. HTTP 400 Bad Request for invalid requests

If the URL is malformed, such where it is not in exact conformance with this document a HTTP status code of 400 will be returned.

e.g. <http://example.gov.uk/TrackerNet/PredictionSummary/C/>

#### 2.1.3. HTTP 204 No Content for invalid parameters

If the URL is properly formed but has invalid parameters then a 204 HTTP status code will be returned.

e.g. <http://example.gov.uk /TrackerNet/PredictionSummary/X>

### 2.2. Caching, Timeouts and Response times

#### 2.2.1. Caching

Data is obtained from the originating servers at TfL and cached in the Microsoft CDN for 30 seconds. Hence there is no benefit to the developer in querying any of the data services any more frequently than once every 30 seconds.

#### 2.2.2. Timeouts

The default connection time out that is set at web server is 30 seconds.

#### 2.2.3. Response Times

Response times should be within 3 seconds of the request hitting the service.



## 2.3. HTTP Header

### 2.3.1. Sample of part of a header and its explanation

Header	Description
HTTP/1.1 200 OK	HTTP Status Code
Expires: Mon, 08 Nov 2010 16:01:22 GMT	Date and Time the cache will expire
Date: Mon, 08 Nov 2010 16:00:52 GMT	Date and time of the request
Cache-Control: public, max-age=30	Number of seconds the cache is held
Last-Modified: Mon, 08 Nov 2010 16:00:52 GMT	When the cache was last updated
Data-Last-Updated: 11/08/2010 16:00:52	The timestamp of the replicated data



### 3. Technical Guide to Using Services

All the services are accessed through the one web service provided by London Underground Information Management. The service is called using parameters to determine which service is required and the level of detail to be returned.

#### 3.1. Train Predictions Service – Summary

##### 3.1.1. Description of Service

This service will return train prediction information for a nominated line within 100 minute range. The information returned will be a list of stations on the line. For each station a list of trains approaching the station will be returned. For each train it the time until the train is due to reach the station, the destination of the train and its current location will be returned.

##### 3.1.2. Input

**Service URL**

/PredictionSummary/<Line>

**Example Input**

<http://example.gov.uk/TrackerNet/PredictionSummary/C>

##### 3.1.3. Parameters

Parameter	Mandatory	Description	Valid Values
Line	Mandatory	A code representing the line to query	Must be set to a valid line code (see Appendix A)



### 3.1.4. Output

#### Example Output

```
- <ROOT>
  <Time timeStamp="2009/04/27 09:12:20" />
  <S Code="BNK" N="Bank.">
    <P N="Westbound - Platform 5" Code="0">
      <T S="146" T="2" D="547" C="2:30" L="At Liverpool Street" DE="West Ruislip" />
      <T S="145" T="3" D="548" C="3:00" L="Between Bethnal Green and Liverpool Street" DE="Ealing Broadway" />
      <T S="015" T="3" D="547" C="5:00" L="At Bethnal Green" DE="West Ruislip" />
      <T S="016" T="5" D="547" C="7:00" L="Between Mile End and Bethnal Green" DE="West Ruislip" />
      <T S="053" T="5" D="548" C="10:00" L="Between Stratford and Mile End" DE="Ealing Broadway" />
    </P>
    <P N="Eastbound - Platform 6" Code="1">
      <T S="047" T="4" D="531" C="0:30" L="Between St. Paul's and Bank" DE="Woodford via Hainault" />
      <T S="106" T="4" D="543" C="7:00" L="Left Tottenham Court Road" DE="Newbury Park" />
    </P>
  </S>
</ROOT>
```



### 3.1.5. Output Attribute Definition:

Attribute	Description
Time TimeStamp	The date/time the service was run in the format YYYY/MM/DD HH:MM:SS
S	A construct representing a station on the line
Code	A code representing the station (see Appendix B for valid values)
N	The name of the station
P	A construct representing a platform on the station
N	The name of the platform
Code	A code representing the platform
T	A construct representing a train in the prediction list
S	The set number of the train
T	The trip number of the train
D	A code representing the destination of the train
C	A value in representing the 'time to station' for this train in the format MM:SS
L	The current location of the train
DE	The name of the destination of the train



### 3.2. Train Predictions Service – Detailed

#### 3.2.1. Description of Service

This service will return detailed train prediction information for a nominated station on a nominated line within 100 minute range. A station must be nominated for this service. The detailed train prediction service returns similar data to the summary service with the addition of more detailed information. The extra data returned includes the time from station represented in seconds, the track identifier of the current location of the train and the departure time of the train.

#### 3.2.2. Input

##### Service URL

/PredictionDetailed/<Line>/<StationCode>

##### Example Input

<http://example.gov.uk/TrackerNet/PredictionDetailed/C/BNK>

#### 3.2.3. Parameters

Parameter	Required	Description	Valid Values
Line	Mandatory	A code representing the line to query	Must be set to a valid line code (see Appendix A)
StationCode	Mandatory	A code representing the station to query	Must be set to a valid station code (see Appendix B)



### 3.2.4. Output

#### Example Output

```
<?xml version="1.0" encoding="utf-8" ?>
```

```
_ <ROOT xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="http://tracknet.lul.co.uk">
```

**<Disclaimer>**This system is an INFORMATION ONLY system, relying entirely on information received from the relevant Operational Railway Control System(s). It is NOT considered a safety related system in the Railway Engineering sense. However, the information reported may trigger user intervention by staff regarding possible incidents on the railway, and confirmation of the situation observed should be obtained prior to any corrective action being taken.**</Disclaimer>**

```
<WhenCreated>27 Apr 2009 8:30:31</WhenCreated>
```

```
<Line>C</Line>
```

```
<LineName>Central Line</LineName>
```

```
_ <S Code="BNK" Mess="" N="Bank." CurTime="8:30:31">
```

```
_ <P N="Westbound - Platform 5" Num="5" TrackCode="TC4708">
```

```
<T LCID="1003515" SetNo="144" TripNo="2" SecondsTo="12" TimeTo="0:30" Location="Approaching Bank" Destination="West Ruislip"
DestCode="547" Order="0" DepartTime="7:30:27" DepartInterval="12" Departed="0" Direction="0" IsStalled="0" TrackCode="TC4704" LN="C" />
```

```
<T LCID="1021215" SetNo="003" TripNo="1" SecondsTo="303" TimeTo="5:00" Location="At Bethnal Green" Destination="Ealing Broadway"
DestCode="548" Order="0" DepartTime="7:27:01" DepartInterval="303" Departed="0" Direction="0" IsStalled="0" TrackCode="TC5214" LN="C"
/>
```

```
<T LCID="1018956" SetNo="116" TripNo="3" SecondsTo="341" TimeTo="6:00" Location="Between Mile End and Bethnal Green"
Destination="North Acton" DestCode="549" Order="0" DepartTime="7:28:52" DepartInterval="341" Departed="0" Direction="0" IsStalled="0"
TrackCode="TC5206" LN="C" />
```

```
<T LCID="1019553" SetNo="010" TripNo="2" SecondsTo="498" TimeTo="8:00" Location="At Mile End" Destination="West Ruislip"
DestCode="547" Order="0" DepartTime="7:30:29" DepartInterval="498" Departed="0" Direction="0" IsStalled="0" TrackCode="TC5426" LN="C"
/>
```



</P>

= <P N="Eastbound - Platform 6" Num="6" TrackCode="TC4709">

<T LCID="1019669" SetNo="024" TripNo="2" SecondsTo="33" TimeTo="1:00" Location="Between St. Paul's and Bank" Destination="Epping"  
DestCode="530" Order="0" DepartTime="7:30:20" DepartInterval="33" Departed="0" Direction="0" IsStalled="0" TrackCode="TC4701" LN="C" />

<T LCID="1017893" SetNo="070" TripNo="4" SecondsTo="110" TimeTo="2:00" Location="At St. Paul's" Destination="Hainault via Newbury  
Park" DestCode="532" Order="0" DepartTime="7:30:28" DepartInterval="110" Departed="0" Direction="0" IsStalled="0" TrackCode="TC4611"  
LN="C" />

<T LCID="1020939" SetNo="025" TripNo="2" SecondsTo="248" TimeTo="4:30" Location="At Chancery Lane" Destination="Epping"  
DestCode="530" Order="0" DepartTime="7:30:24" DepartInterval="248" Departed="0" Direction="0" IsStalled="0" TrackCode="TC4505" LN="C"  
/>

<T LCID="1019794" SetNo="111" TripNo="2" SecondsTo="394" TimeTo="7:00" Location="Between Tottenham Court Road and Holborn"  
Destination="Newbury Park" DestCode="543" Order="0" DepartTime="7:30:24" DepartInterval="394" Departed="0" Direction="0" IsStalled="0"  
TrackCode="TC4111" LN="C" />

<T LCID="1020258" SetNo="113" TripNo="2" SecondsTo="551" TimeTo="9:00" Location="At Oxford Circus" Destination="Loughton"  
DestCode="529" Order="0" DepartTime="7:30:15" DepartInterval="551" Departed="0" Direction="0" IsStalled="0" TrackCode="TC4007" LN="C"  
/>

</P>

</S>

</ROOT>



### 3.2.5. Output Attribute Definition:

Attribute	Description
Disclaimer	A disclaimer about the information only nature of the service
WhenCreated	The time/date the service was run in the format DD MMM YYYY HH:MM:SS
Line	A code representing the line (see Appendix A)
LineName	The name of the line
S	A construct representing a station on the line
Code	A code representing the station (see Appendix B for valid values)
Mess	
N	The name of the station
CurTime	The time the service was run in the format HH:MM:SS
P	A construct representing a platform on the station
N	The name of the platform
Num	The platform number
TrackCode	The track code of the section of track at the front of the platform
T	A construct representing a train in the prediction list
LCID	The leading car Id for the train
SetNo	The set number of the train
TripNo	The trip number of the train



SecondsTo	A value representing the 'time to station' for this train in seconds in the format SSS
TimeTo	A value representing the 'time to station' for this train in minutes and seconds in the format MM:SS
Location	The current location of the train
Destination	The name of the destination of the train
DestCode	A code representing the destination of the train
Order	Not Assigned. Value will default to zero
DepartTime	Time train departed the platform
DepartInterval	Interval in seconds between the departure of the specified train and the previous train
Departed	Boolean value to determine if the train has departed the platform
Direction	Direction of Travel
IsStalled	Not Assigned. Value will default to zero
TrackCode	The current section of track the train occupies
LN	A code representing the line the train is running on (see Appendix A)



### 3.3. Station Status

#### 3.3.1. Description of Service

This service will return the status of all stations on the network indicating station closures, faulty lifts etc. The service can optionally be run to only return stations where the status is not normal. The service will return the station names and the current status of the station indicating what the problem is in the form of a code and a description.

#### 3.3.2. Input

##### Service URL

/StationStatus

/StationStatus/<IncidentsOnly>

##### Example Input

<http://example.gov.uk/TrackerNet/StationStatus>

<http://example.gov.uk/TrackerNet/StationStatus/IncidentsOnly>

#### 3.3.3. Parameters

Parameter	Required	Description	Valid Values
IncidentsOnly	Optional	An indication of whether only stations that have incidents should be returned	IncidentsOnly



### 3.3.4. Output

#### Example Output

```

<?xml version="1.0" encoding="utf-8" ?>
_ <ArrayOfStationStatus xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://webservices.lul.co.uk/">
_ <StationStatus ID="95" StatusDetails="To the eastbound District and Piccadilly line platforms due to a faulty lift.">
  <Station ID="95" Name="Hammersmith (Dis)" />
_ <Status ID="NS" CssClass="Closed" Description="No Step Free Access" IsActive="true">
  <StatusType ID="2" Description="Station" />
  </Status>
</StationStatus>
_ <StationStatus ID="110" StatusDetails="To the westbound platform due to a faulty lift.">
  <Station ID="110" Name="Hillingdon" />
_ <Status ID="NS" CssClass="Closed" Description="No Step Free Access" IsActive="true">
  <StatusType ID="2" Description="Station" />
  </Status>
</StationStatus>
</ArrayOfStationStatus>

```



### 3.3.5. Output Attribute Definition

Attribute	Description
StationStatus ID	An identifier for the station
StatusDetails	A description of the status of the station if the status is not normal otherwise this will be blank
Station ID	A code representing the station
Name	The station name
Status ID	A numeric code representing the status of the station
CssClass	A text code representing the general status of the station e.g. Open, Closed
Description	A description of the status of the station e.g. No Step Free Access
IsActive	A Boolean indicating if the status shown is active
StatusType ID	A code representing the status type the service is checking. For this call it will always return the value "2"
Description	A description of the status type the service is checking. For this call it will always return the value "Station"



### 3.4. Line Status

#### 3.4.1. Description of Service

This service will return the status of all lines on the network indicating any delays, disruptions or suspensions on the lines. The service can optionally be run to return only lines where there are abnormal operations. The service will return the line names and the current status of the line indicating what the problem is in the form of a code and a description

#### 3.4.2. Input

##### Service URL

/LineStatus

/LineStatus/**IncidentsOnly**

##### Example Input

<http://example.gov.uk/TrackerNet/LineStatus>

<http://example.gov.uk/TrackerNet/LineStatus/IncidentsOnly>

#### 3.4.3. Parameters

Parameter	Required	Description	Valid Values
IncidentsOnly	Optional	An indication of whether only lines that have incidents should be returned	IncidentsOnly



### 3.4.4. Output:

#### Example Output

```
<?xml version="1.0" encoding="utf-8" ?>
```

```
- <ArrayOfLineStatus xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://webservices.lul.co.uk/">
```

```
- <LineStatus ID="2" StatusDetails="Between Turnham Green and Richmond only, due to a signal failure at Richmond. GOOD SERVICE
on the rest of the line.">
```

```
  <BranchDisruptions />
```

```
  <Line ID="9" Name="District" />
```

```
- <Status ID="SD" CssClass="DisruptedService" Description="Severe Delays" IsActive="true">
```

```
  <StatusType ID="1" Description="Line" />
```

```
</Status>
```

```
</LineStatus>
```

```
- <LineStatus ID="4" StatusDetails="Due to an obstruction on the track in the Westminster area. Valid tickets will be accepted on London
Buses via any reasonable route. Customers should avoid the line where possible.">
```

```
  <BranchDisruptions />
```

```
  <Line ID="4" Name="Jubilee" />
```

```
- <Status ID="SD" CssClass="DisruptedService" Description="Severe Delays" IsActive="true">
```

```
  <StatusType ID="1" Description="Line" />
```

```
</Status>
```

```
</LineStatus>
```

```
- <LineStatus ID="5" StatusDetails="Between Kennington and Camden Town via Bank only, due to a person ill on a train earlier at Angel.
GOOD SERVICE on the rest of the line.">
```



```
<BranchDisruptions />  
<Line ID="5" Name="Northern" />  
= <Status ID="MD" CssClass="GoodService" Description="Minor Delays" IsActive="true">  
  <StatusType ID="1" Description="Line" />  
</Status>  
</LineStatus>  
</ArrayOfLineStatus>
```



### 3.4.5. Output Attribute Definition:

Attribute	Description
LineStatus ID	An identifier for the line
StatusDetails	A description of the status of the line if the status is not normal otherwise this will be blank
BranchDisruptions	Not Used
Line ID	A code representing the line
Name	The line name
Status ID	A numeric code representing the status of the line
CssClass	A text code representing the general status of the line, e.g. GoodService, DisruptedService
Description	A description of the status of the line e.g. Part Suspended, Severe Delays
IsActive	A Boolean indicating if the status shown is active
StatusType ID	A code representing the status type the service is checking. For this call it will always return the value "1"
Description	A description of the status type the service is checking. For this call it will always return the value "Line"

## 4. Help Page

Some brief guidelines on service usage are given at the following url:

<http://example.gov.uk/TrackerNet/Help>

Uri	Method	Description
*	<a href="#">GET</a>	The default response for an invalid request that does not match any of the listed URLs. The default response is Bad Request (400).
/LineStatus	<a href="#">GET</a>	Gets line status information for all lines.
/LineStatus/IncidentsOnly	<a href="#">GET</a>	Gets line status information for lines with incidents only.
/PredictionDetailed/{line}/{station}	<a href="#">GET</a>	Gets the detailed prediction for a given line and a station.
/PredictionSummary/{line}	<a href="#">GET</a>	Gets the prediction summary for a given line.
/StationStatus	<a href="#">GET</a>	Gets station status information for all stations.
/StationStatus/IncidentsOnly	<a href="#">GET</a>	Gets station status information for stations with incidents only.

## 5. Appendix A – Line Codes

### Note:

The station and line codes for Train Prediction services are different from the Network Status station and line IDs.

Code	Line
B	Bakerloo
C	Central
D	District
H	Hammersmith & Circle
J	Jubilee
M	Metropolitan
N	Northern
P	Piccadilly
V	Victoria
W	Waterloo & City

## 6. Appendix B – Station Codes

### Notes:

The station codes are usually independent of line i.e. the same code is used for a station on all lines that use the station, but this is not always the case e.g. Edgware Road is ERB on the Bakerloo Line and ERD on the Hammersmith and City line.

The station and line codes for Train Prediction services are different from the Network Status station and line IDs.

Bakerloo	
Code	Station Name
BST	Baker Street
CHX	Charing Cross
ERB	Edgware Road (Bakerloo)
ELE	Elephant and Castle
EMB	Embankment
HSD	Harlesden
HAW	Harrow and Wealdstone

KGN	Kensal Green
KNT	Kenton
KPK	Kilburn Park
LAM	Lambeth North
MDV	Maida Vale
MYB	Marylebone
NWM	North Wembley
OXC	Oxford Circus
PAD	Paddington
PIC	Piccadilly Circus
QPK	Queen's Park
RPK	Regent's Park
SKT	South Kenton
SPK	Stonebridge Park
WAR	Warwick Avenue
WLO	Waterloo
WEM	Wembley Central
WJN	Willesden Junction

<b>Central</b>	
<b>Code</b>	<b>Station Name</b>
BNK	Bank
BDE	Barkingside
BNG	Bethnal Green
BDS	Bond Street
BHL	Buckhurst Hill
CYL	Chancery Lane
CHG	Chigwell
DEB	Debden
EBY	Ealing Broadway
EAC	East Acton
EPP	Epping
FLP	Fairlop
GHL	Gants Hill

GRH	Grange Hill
GFD	Greenford
HAI	Hainault
HLN	Hanger Lane
HOL	Holborn
HPK	Holland Park
LAN	Lancaster Gate
LEY	Leyton
LYS	Leytonstone
LST	Liverpool Street
LTN	Loughton
MAR	Marble Arch
MLE	Mile End
NEP	Newbury Park
NAC	North Acton
NHT	Northolt
NHG	Notting Hill Gate
OXC	Oxford Circus
PER	Perivale
QWY	Queensway
RED	Redbridge
ROD	Roding Valley
RUG	Ruislip Gardens
SBC	Shepherd's Bush
SNB	Snaresbrook
SRP	South Ruislip
SWF	South Woodford
STP	St Paul's
SFD	Stratford
THB	Theydon Bois
TCR	Tottenham Court Road
WAN	Wanstead
WAC	West Acton
WRP	West Ruislip
WCT	White City

WFD	Woodford
-----	----------

**Circle – use Hammersmith and Circle**

<b>District</b>	
<b>Code</b>	<b>Name</b>
ACT	Acton Town
ALE	Aldgate East
BKG	Barking
BCT	Barons Court
BEC	Becontree
BLF	Blackfriars
BWR	Bow Road
BBB	Bromley-by-Bow
CST	Cannon Street
CHP	Chiswick Park
DGE	Dagenham East
DGH	Dagenham Heathway
EBY	Ealing Broadway
ECM	Ealing Common
ECT	Earl's Court
EHM	East Ham
EPY	East Putney
ERD	Edgware Road (H & C)
EPK	Elm Park
EMB	Embankment
FBY	Fulham Broadway
GRD	Gloucester Road
GUN	Gunnersbury
HMD	Hammersmith (District and Picc)
HST	High Street Kensington
HCH	Hornchurch

<b>District</b>	
<b>Code</b>	<b>Name</b>
OLY	Kensington (Olympia)
KEW	Kew Gardens
MAN	Mansion House
MLE	Mile End
MON	Monument
OLY	Olympia
PGR	Parsons Green
PLW	Plaistow
PUT	Putney Bridge
RCP	Ravenscourt Park
RMD	Richmond
SSQ	Sloane Square
SKN	South Kensington
SFS	Southfields
SJP	St. James's Park
STB	Stamford Brook
STG	Stepney Green
TEM	Temple
THL	Tower Hill
TGR	Turnham Green
UPM	Upminster
UPB	Upminster Bridge
UPY	Upney
UPK	Upton Park
VIC	Victoria
WBT	West Brompton
WHM	West Ham
WKN	West Kensington
WMS	Westminster
WCL	Whitechapel
WDN	Wimbledon
WMP	Wimbledon Park

<b>Hammersmith &amp; City, Circle</b>	
<b>Code</b>	<b>Name</b>
ALD	Aldgate
ALE	Aldgate East
BST	Baker Street
BAR	Barbican
BKG	Barking
BLF	Blackfriars
BWR	Bow Road
BBB	Bromley-by-Bow
CST	Cannon Street
EHM	East Ham
ERD	Edgware Road (H & C)
EMB	Embankment
ESQ	Euston Square
FAR	Farringdon
GRD	Gloucester Road
GPS	Great Portland Street
HMS	Hammersmith
HST	High Street Kensington
KXX	King's Cross St Pancras
LST	Liverpool Street
MAN	Mansion House
MLE	Mile End
MON	Monument
MGT	Moorgate
PAD	Paddington
PLW	PlaiStow
SSQ	Sloane Square
SKN	South Kensington
SJP	St. James's Park
STG	Stepney Green
TEM	Temple

<b>Hammersmith &amp; City, Circle</b>	
<b>Code</b>	<b>Name</b>
THL	Tower Hill
UPK	Upton Park
VIC	Victoria
WHM	West Ham
WMS	Westminster
WCL	Whitechapel

<b>Jubilee</b>	
<b>Code</b>	<b>Name</b>
BST	Baker Street
BER	Bermondsey
BDS	Bond Street
CWR	Canada Water
CWF	Canary Wharf
CNT	Canning Town
CPK	Canons Park
DHL	Dollis Hill
FRD	Finchley Road
GPK	Green Park
KIL	Kilburn
KBY	Kingsbury
LON	London Bridge
NEA	Neasden
NGW	North Greenwich
QBY	Queensbury
SWK	Southwark
SJW	St John's Wood
STA	Stanmore
SFD	Stratford
SWC	Swiss Cottage
WLO	Waterloo

<b>Jubilee</b>	
<b>Code</b>	<b>Name</b>
WPK	Wembley Park
WHM	West Ham
WHD	West Hampstead
WMS	Westminster
WLG	Willesden Green

<b>Metropolitan</b>	
<b>Code</b>	<b>Station Name</b>
ALD	Aldgate
AME	Amersham
BST	Baker Street
BAR	Barbican
CLF	Chalfont and Latimer
CWD	Chorleywood
CLW	Colliers Wood
CRX	Croxley
ETE	Eastcote
ESQ	Euston Square
FAR	Farringdon
FRD	Finchley Road
GPS	Great Portland Street
HOH	Harrow on the Hill
HDN	Hillingdon
ICK	Ickenham
KXX	King's Cross St Pancras
LST	Liverpool Street
MPK	Moor Park
MGT	Moorgate
NHR	North Harrow
NWP	Northwick Park
NWD	Northwood

<b>Metropolitan</b>	
<b>Code</b>	<b>Station Name</b>
NWH	Northwood Hills
PIN	Pinner
RLN	Rayners Lane
RKY	Rickmansworth
RUI	Ruislip
RUM	Ruislip Manor
UXB	Uxbridge
WAT	Watford
WPK	Wembley Park
WHR	West Harrow

<b>Northern</b>	
<b>Code</b>	<b>Name</b>
ANG	Angel
ARC	Archway
BAL	Balham
BNK	Bank
BPK	Belsize Park
BOR	Borough
BTX	Brent Cross
BUR	Burnt Oak
CTN	Camden Town
CHF	Chalk Farm
CHX	Charing Cross
CPC	Clapham Common
CPN	Clapham North
CPS	Clapham South
COL	Colindale
CLW	Colliers Wood
EFY	East Finchley
EDG	Edgware

<b>Northern</b>	
<b>Code</b>	<b>Name</b>
ELE	Elephant and Castle
EMB	Embankment
EUS	Euston
FYC	Finchley Central
GGR	Golders Green
GST	Goodge Street
HMP	Hampstead
HND	Hendon Central
HBT	High Barnet
HIG	Highgate
KEN	Kennington
KTN	Kentish Town
KXX	King's Cross St Pancras
LSQ	Leicester Square
LON	London Bridge
MHE	Mill Hill East
MGT	Moorgate
MOR	Morden
MCR	Mornington Crescent
OLD	Old Street
OVL	Oval
SWM	South Wimbledon
STK	Stockwell
TBE	Tooting Bec
TBY	Tooting Broadway
TCR	Tottenham Court Road
TOT	Totteridge and Whetstone
TPK	Tufnell Park
WST	Warren Street
WLO	Waterloo
WFY	West Finchley
WSP	Woodside Park

<b>Piccadilly</b>	
<b>Code</b>	<b>Name</b>
ACT	Acton Town
ALP	Alperton
AGR	Arnos Grove
ARL	Arsenal
BCT	Barons Court
BOS	Boston Manor
BGR	Bounds Green
CRD	Caledonian Road
CFS	Cockfosters
COV	Covent Garden
ECM	Ealing Common
ECT	Earl's Court
ETE	Eastcote
FPK	Finsbury Park
GRD	Gloucester Road
GPK	Green Park
HMD	Hammersmith (District and Picc)
HTX	Hatton Cross
HTF	Heathrow Terminal 4
HRV	Heathrow Terminal 5
HRC	Heathrow Terminals 123
HDN	Hillingdon
HOL	Holborn
HRD	Holloway Road
HNC	Hounslow Central
HNE	Hounslow East
HNW	Hounslow West
HPC	Hyde Park Corner
ICK	Ickenham
KXX	King's Cross St Pancras

<b>Piccadilly</b>	
<b>Code</b>	<b>Name</b>
KNB	Knightsbridge
LSQ	Leicester Square
MNR	Manor House
NEL	North Ealing
NFD	Northfields
OAK	Oakwood
OST	Osterley
PRY	Park Royal
PIC	Piccadilly Circus
RLN	Rayners Lane
RUI	Ruislip
RUM	Ruislip Manor
RSQ	Russell Square
SEL	South Ealing
SHR	South Harrow
SKN	South Kensington
SGT	Southgate
SHL	Sudbury Hill
STN	Sudbury Town
TGR	Turnham Green
TPL	Turnpike Lane
UXB	Uxbridge
WGN	Wood Green

<b>Victoria</b>	
<b>Code</b>	<b>Name</b>
BHR	Blackhorse Road
BRX	Brixton
EUS	Euston
FPK	Finsbury Park
GPK	Green Park

HBV	Highbury and Islington
KXX	King's Cross St Pancras
OXC	Oxford Circus
PIM	Pimlico
SVS	Seven Sisters
STK	Stockwell
TTH	Tottenham Hale
VUX	Vauxhall
VIC	Victoria
WAL	Walthamstow Central
WST	Warren Street

<b>Waterloo &amp; City</b>	
<b>Code</b>	<b>Name</b>
BNK	Bank
WLO	Waterloo