

QSI Performance Results

Route Results for London Bus Services

First Quarter 2018-19

01 April 2018 to 22 June 2018

How to Interpret Results

Bus routes are split into two categories - high and low frequency. Statistics are given for regular daytime and night bus services. All routes are quoted to one decimal place. For this reason figures may not add up due to rounding.

For groups of services, totals are a weighted average of the individual route-level figures, the weighting being proportional to the frequencies of the routes (i.e. More frequent services are given a higher weighting).

High Frequency (Non Timetabled) Services

These are services for which a detailed timetable is not generally published. Most have weekday peak frequencies of five or more buses per hour (i.e. a service frequency of 12 minutes or more frequent). Passengers are assumed to arrive at bus stops randomly.

Statistics are calculated from iBus data for most scheduled timing points (QSI points) in both directions, between 0500 and 2359 hours every day.

Statistics shown are:

- 1) **Scheduled Waiting Time (SWT)**
The time passengers would wait, on average, if the service ran exactly as scheduled during the periods observed.
- 2) **Excess Waiting Time (EWT)**
The difference between 1) and 3), representing the additional wait experienced by passengers due to the irregular spacing of buses or those that failed to run.
- 3) **Q1 2017-18 (EWT)**
Denotes the Average Excess Waiting (EWT) (see 2) time result for the corresponding financial quarter last year.
- 4) **Average Waiting Time (AWT)**
The average time that passengers actually waited.
- 5) **Average Waiting Time divided by Scheduled Waiting Time (AWT:SWT Ratio)**
Indicates how much longer, on average, passengers are waiting than intended (e.g. 1.5 would indicate passengers waiting 50% longer than intended).
- 6) **Chance of waiting less than 10, 10-20, 20-30, more than 30 minutes, Long Gaps**
Gives an indication of the variation in individual waiting times.

Low Frequency (Timetabled) Services

These are services running to an advertised timetable. Most have a weekday peak frequency of four buses per hour or less (i.e. a service interval of every 15 minutes or less frequently). It is assumed that passengers take notice of the published timetable before arriving at bus stops.

Statistics are calculated from iBus data for most scheduled timing points (QSI points) in both directions, between 0500 and 2359 hours every day.

Statistics shown are:

- 1) **Chance of a bus departing on-time** The chance that a bus runs at the advertised time or between two minutes early and up to five minutes late.

- 2) **Q1 2017-18 (On Time)** Denotes the percentage of departing on time (see 1) for the corresponding financial quarter last year.

- 3) **Chance of a bus not running** The chance that a bus fails to run (see note on late running).

- 4) **Chance of a bus running early** The chance of a bus running more than two and a half minutes before the advertised time. This category may be sometimes be late running buses, which would be regarded by passengers as the next bus running early.

- 5) **Chance of a bus running late** The chance of a bus running 5-15 minutes late (buses more than 15 minutes late are regarded as non-arrivals). This category may sometimes include early running buses which would be regarded by passengers as the preceding bus running late.

For groups of services, totals are a weighted average of the individual route-level observations, the weighting being proportional to the frequencies of the routes (i.e. more frequent services are given a higher weighting).

Night Bus Services

Night bus services are monitored at selected locations, throughout the course of their route between 0000-0459 each day.

Variations from service route numbers

Some routes shown vary from their service route numbers. Routes serving New Addington are prefixed with a 'T' for compatibility with Tramlink ticketing. An example of this would be route 64, which is shown as route 'T64' and the night route as 'TN64'. Route 281R denotes route 281 services run on event days at Twickenham.

Performance Information

London Buses

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Waiting Times (mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
1	5.2	1.1	0.7	6.3	1.2	80.7	17.7	1.5	0.2	1.5
2	4.1	0.8	0.8	4.8	1.2	90.8	8.8	0.3	0.1	1.1
3	4.6	1.2	0.9	5.8	1.3	83.5	15.0	1.3	0.3	2.3
4	6.1	1.1	1.4	7.2	1.2	73.5	23.3	2.8	0.5	1.1
5	3.8	0.8	1.2	4.6	1.2	92.0	7.8	0.2	0.0	1.3
6	4.1	0.7	0.9	4.9	1.2	91.0	8.6	0.4	0.1	1.3
7	4.5	0.6	0.8	5.1	1.1	89.6	10.0	0.3	0.1	0.8
8	3.6	1.0	1.0	4.6	1.3	91.6	8.0	0.4	0.1	2.4
9	4.0	1.3	1.3	5.2	1.3	87.5	11.2	1.1	0.3	3.2
10	4.7	1.2	1.4	6.0	1.3	82.9	15.6	1.3	0.2	2.1
11	5.2	1.4	0.7	6.6	1.3	78.0	19.3	2.1	0.6	2.6
12	2.9	1.1	0.9	3.9	1.4	94.3	5.3	0.3	0.1	3.6
13	3.7	1.7	2.1	5.4	1.5	84.9	13.3	1.6	0.2	6.3
14	4.4	0.9	1.2	5.3	1.2	86.9	12.3	0.7	0.1	1.8
15	4.1	0.9	1.2	5.0	1.2	89.7	9.6	0.5	0.1	1.6
16	3.6	0.7	0.8	4.3	1.2	93.9	5.8	0.2	0.0	1.4
17	5.1	0.9	0.9	6.0	1.2	82.3	16.4	1.1	0.2	1.5
18	2.5	1.3	1.4	3.9	1.5	93.5	6.0	0.4	0.1	4.6
19	4.1	0.7	1.2	4.8	1.2	91.4	8.3	0.3	0.1	1.0
21	4.2	1.4	0.9	5.6	1.3	83.7	14.7	1.3	0.2	4.0
22	4.4	0.8	1.0	5.2	1.2	88.4	11.0	0.5	0.1	1.3
23	4.2	1.0	1.5	5.3	1.2	87.8	11.4	0.7	0.2	1.8
24	4.2	1.4	1.1	5.7	1.3	84.6	13.5	1.6	0.3	3.7
25	2.7	1.1	1.2	3.8	1.4	94.2	5.5	0.3	0.1	2.4
26	5.4	1.2	0.9	6.6	1.2	78.4	19.6	1.7	0.3	1.6
27	4.4	1.4	1.3	5.8	1.3	83.2	15.5	1.2	0.1	2.8
28	5.1	1.4	1.6	6.5	1.3	78.6	19.0	2.0	0.4	2.2
29	3.0	1.0	0.8	4.0	1.4	94.5	5.2	0.2	0.0	3.2
30	4.8	1.5	1.8	6.3	1.3	79.2	18.7	1.8	0.2	3.0
31	3.9	1.2	1.3	5.1	1.3	88.1	11.2	0.7	0.1	2.5
32	4.5	0.8	0.6	5.3	1.2	88.2	11.2	0.5	0.1	1.1
33	5.0	1.3	1.0	6.3	1.3	79.3	18.6	1.9	0.3	3.0
34	4.4	0.9	1.0	5.3	1.2	87.2	11.9	0.7	0.2	1.8
35	5.6	1.0	0.8	6.6	1.2	77.7	20.6	1.6	0.2	1.2
36	3.7	1.2	1.1	4.9	1.3	88.1	11.0	0.8	0.2	3.7
37	5.4	1.1	1.2	6.5	1.2	79.0	19.2	1.7	0.2	1.3
38	2.1	0.9	1.1	3.0	1.4	97.9	2.0	0.1	0.0	1.6
39	4.5	0.6	0.7	5.1	1.1	89.6	10.1	0.2	0.0	0.5
40	4.9	0.7	0.8	5.7	1.2	84.6	14.5	0.7	0.1	1.0
41	3.5	0.7	0.7	4.2	1.2	94.4	5.3	0.2	0.1	1.5
42	6.8	1.0	0.9	7.9	1.2	68.5	27.8	3.3	0.4	0.9

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
43	4.1	1.2	1.1	5.3	1.3	86.3	12.5	1.1	0.2	2.8
44	5.2	1.0	1.1	6.2	1.2	80.5	17.9	1.4	0.2	1.3
45	5.6	1.0	0.8	6.6	1.2	77.8	20.4	1.7	0.2	0.9
46	5.7	1.6	1.2	7.3	1.3	72.7	23.5	3.3	0.5	2.7
47	6.7	1.3	1.2	7.9	1.2	68.9	25.8	4.3	1.0	1.8
48	5.2	1.1	0.8	6.3	1.2	80.0	18.4	1.3	0.2	1.3
49	4.7	0.9	1.0	5.6	1.2	85.5	13.9	0.6	0.1	1.0
50	6.9	0.4	0.7	7.3	1.1	72.9	25.3	1.7	0.1	0.2
51	5.5	1.0	0.9	6.5	1.2	78.9	19.5	1.5	0.1	1.1
52	3.8	0.8	0.9	4.5	1.2	92.6	7.1	0.3	0.0	1.4
53	4.0	1.0	1.0	5.1	1.3	88.8	10.5	0.6	0.1	1.9
54	5.6	0.9	0.8	6.5	1.2	78.7	19.8	1.3	0.1	0.9
55	3.6	1.0	1.0	4.6	1.3	90.7	8.9	0.4	0.0	2.5
56	3.7	1.2	1.3	4.9	1.3	89.2	10.1	0.7	0.1	3.2
57	5.3	0.7	1.0	6.0	1.1	83.3	16.0	0.7	0.0	0.5
58	6.4	1.0	0.8	7.4	1.1	72.3	25.1	2.1	0.4	0.9
59	3.8	0.7	0.8	4.6	1.2	91.3	8.3	0.3	0.1	1.7
60	7.0	0.7	0.9	7.6	1.1	69.4	28.4	2.1	0.1	0.3
62	5.8	0.8	0.7	6.6	1.1	79.5	18.7	1.5	0.3	1.0
63	4.1	1.2	1.8	5.2	1.3	87.3	11.8	0.8	0.1	2.6
65	3.7	1.2	1.0	4.9	1.3	89.2	9.6	0.9	0.2	3.9
66	6.9	0.6	1.3	7.5	1.1	71.3	26.0	2.4	0.2	0.4
67	5.4	0.5	0.6	5.9	1.1	83.9	15.7	0.4	0.0	0.3
68	4.4	1.0	0.8	5.4	1.2	86.6	12.5	0.7	0.1	1.4
69	4.5	1.6	0.9	6.1	1.4	81.4	16.3	2.0	0.3	3.4
70	5.9	1.5	1.9	7.4	1.2	73.3	22.9	3.1	0.7	2.6
71	4.7	0.6	0.5	5.3	1.1	89.0	10.6	0.4	0.1	0.7
72	4.6	1.0	1.0	5.5	1.2	86.0	12.9	0.9	0.2	1.7
73	2.8	0.7	1.1	3.5	1.3	97.3	2.6	0.0	0.0	1.5
74	5.2	0.7	1.2	6.0	1.1	83.4	15.7	0.8	0.1	0.8
75	6.8	1.0	1.1	7.7	1.1	68.9	28.1	2.7	0.3	0.6
76	4.5	1.1	1.0	5.5	1.2	85.5	13.6	0.8	0.1	1.9
77	5.3	1.1	1.1	6.4	1.2	79.6	18.9	1.4	0.1	1.3
78	4.9	0.9	0.8	5.8	1.2	84.3	14.8	0.8	0.1	1.2
79	6.3	0.9	0.9	7.2	1.1	72.9	24.9	2.0	0.2	0.8
80	4.8	0.7	0.5	5.6	1.2	85.2	14.2	0.5	0.0	1.2
81	6.6	0.8	1.1	7.4	1.1	72.3	24.7	2.7	0.4	0.6
83	4.4	0.8	0.7	5.2	1.2	89.2	10.3	0.5	0.1	1.0
85	4.3	0.6	0.6	4.9	1.1	91.8	7.9	0.3	0.0	0.6
86	3.5	1.0	1.0	4.5	1.3	91.9	7.7	0.3	0.0	2.6
87	3.9	1.1	0.7	5.0	1.3	88.0	11.2	0.6	0.1	3.4

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
88	4.5	0.9	0.7	5.4	1.2	87.2	11.8	0.8	0.2	1.6
89	6.9	0.8	1.0	7.7	1.1	69.9	27.0	2.8	0.4	0.6
90	6.1	1.1	1.0	7.2	1.2	73.5	23.7	2.5	0.2	1.2
91	4.2	1.1	0.9	5.3	1.3	87.3	11.6	0.9	0.2	2.3
92	4.7	1.0	1.0	5.8	1.2	84.9	13.7	1.1	0.3	1.8
93	3.8	0.8	0.8	4.6	1.2	91.9	7.7	0.3	0.0	1.6
94	3.6	0.8	1.1	4.5	1.2	92.6	7.0	0.3	0.1	1.6
95	7.0	0.9	0.9	7.8	1.1	69.4	26.6	3.4	0.6	0.9
96	4.6	1.2	1.1	5.9	1.3	83.1	15.1	1.5	0.3	2.7
97	4.7	1.2	1.0	5.9	1.3	82.2	16.0	1.5	0.3	2.4
98	4.2	0.7	0.8	4.9	1.2	90.5	9.2	0.3	0.0	0.9
99	6.5	0.8	0.7	7.3	1.1	72.7	25.3	1.9	0.2	0.6
100	6.3	0.8	0.7	7.1	1.1	73.7	24.5	1.5	0.3	0.8
101	6.3	0.6	0.7	6.9	1.1	75.2	23.6	1.0	0.1	0.3
102	4.5	1.2	1.1	5.6	1.3	85.0	14.1	0.8	0.2	2.1
103	6.3	0.6	0.9	6.8	1.1	77.5	20.3	2.0	0.2	0.4
104	5.5	1.2	1.3	6.7	1.2	77.8	19.3	2.4	0.5	1.8
105	6.3	1.0	1.1	7.3	1.2	72.3	25.3	2.1	0.3	0.8
106	5.1	0.7	0.9	5.9	1.1	84.7	14.5	0.7	0.1	0.8
108	5.7	1.1	1.4	6.8	1.2	76.5	21.3	1.9	0.3	1.4
109	3.5	0.9	1.1	4.5	1.3	91.7	7.9	0.3	0.0	2.1
111	5.2	1.3	1.1	6.5	1.3	78.8	18.8	2.1	0.3	2.2
112	6.8	0.8	0.8	7.6	1.1	71.1	25.7	2.6	0.6	1.1
113	4.1	1.1	0.9	5.2	1.3	86.9	12.2	0.9	0.1	2.8
114	5.4	0.9	0.8	6.3	1.2	81.1	17.6	1.2	0.1	0.8
115	4.4	0.9	1.2	5.2	1.2	88.5	11.1	0.4	0.1	1.1
116	6.8	0.5	0.3	7.3	1.1	72.9	25.2	1.8	0.2	0.4
118	6.9	0.9	0.9	7.8	1.1	69.3	27.2	3.1	0.4	0.6
119	6.3	0.9	0.6	7.2	1.1	73.0	24.9	1.9	0.2	0.7
120	5.4	1.1	1.2	6.6	1.2	78.7	18.9	2.1	0.3	1.7
121	5.6	0.9	1.0	6.5	1.2	78.8	19.5	1.4	0.2	1.1
122	6.2	1.1	1.0	7.4	1.2	72.3	24.8	2.6	0.3	1.2
123	5.9	1.0	1.0	6.9	1.2	75.9	22.2	1.6	0.3	1.0
124	5.6	1.0	1.1	6.6	1.2	77.7	20.7	1.5	0.1	1.1
125	5.6	0.6	0.5	6.2	1.1	82.0	17.2	0.7	0.1	0.4
126	6.3	0.5	0.6	6.8	1.1	77.4	20.6	1.8	0.2	0.5
127	7.1	0.7	0.7	7.8	1.1	69.7	27.1	2.9	0.2	0.7
128	6.9	0.9	0.9	7.7	1.1	69.7	27.0	3.0	0.3	0.7
129	6.1	0.5	0.7	6.7	1.1	78.4	19.9	1.5	0.2	0.5
131	4.7	0.7	0.9	5.4	1.2	87.2	12.1	0.7	0.1	1.1
132	5.8	1.1	0.9	6.8	1.2	76.6	20.9	2.2	0.3	1.4

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
133	3.8	0.7	0.6	4.5	1.2	92.3	7.4	0.2	0.0	1.1
134	3.3	0.7	0.7	4.0	1.2	95.5	4.4	0.1	0.0	1.3
135	5.5	0.8	0.7	6.3	1.1	80.3	18.5	1.1	0.1	0.8
136	5.5	1.3	0.9	6.8	1.2	76.3	21.6	1.9	0.2	1.5
137	3.5	0.6	0.7	4.1	1.2	95.3	4.6	0.1	0.0	0.9
139	4.4	1.3	1.1	5.6	1.3	84.3	14.2	1.3	0.2	3.1
140	3.8	1.3	1.1	5.1	1.3	88.0	11.0	0.9	0.1	3.6
141	3.9	1.0	0.8	4.9	1.2	89.7	9.8	0.5	0.1	2.0
142	6.7	1.0	1.2	7.7	1.1	70.1	25.6	3.7	0.6	1.0
143	6.4	0.7	0.6	7.0	1.1	74.4	24.2	1.3	0.1	0.5
144	4.3	0.9	0.9	5.3	1.2	88.0	11.5	0.5	0.1	1.5
145	6.5	0.9	1.0	7.5	1.1	71.6	25.5	2.4	0.4	1.0
147	4.3	0.9	1.0	5.2	1.2	88.8	10.5	0.6	0.1	1.5
148	4.2	1.2	1.3	5.5	1.3	85.8	12.8	1.1	0.3	3.0
149	3.5	0.9	0.7	4.4	1.2	93.2	6.6	0.2	0.0	1.6
150	6.9	0.7	0.7	7.5	1.1	71.4	26.0	2.4	0.2	0.4
151	6.1	0.8	0.7	6.9	1.1	76.7	21.0	2.1	0.3	0.9
152	7.0	0.7	0.7	7.7	1.1	70.3	26.7	2.8	0.2	0.6
153	6.4	0.6	1.0	7.1	1.1	74.5	23.8	1.5	0.1	0.3
154	6.5	1.0	0.9	7.4	1.1	71.8	25.5	2.5	0.2	0.8
155	4.6	0.7	0.6	5.3	1.1	88.4	11.4	0.2	0.0	0.5
156	5.3	1.0	1.1	6.3	1.2	80.7	18.1	1.1	0.1	1.1
157	6.5	0.8	0.9	7.4	1.1	72.3	25.2	2.3	0.3	0.6
158	4.9	1.3	1.0	6.2	1.3	80.8	16.8	1.9	0.4	2.7
159	3.6	0.9	0.8	4.5	1.3	90.9	8.4	0.5	0.1	2.6
161	5.5	1.1	1.2	6.6	1.2	79.0	18.9	1.8	0.3	1.3
163	5.3	0.6	0.7	5.9	1.1	84.6	14.9	0.5	0.0	0.4
164	5.7	0.9	0.7	6.6	1.2	77.4	21.0	1.5	0.1	1.0
165	6.8	0.8	1.0	7.6	1.1	70.1	27.1	2.5	0.3	0.5
168	4.3	0.9	0.9	5.2	1.2	88.4	11.0	0.6	0.1	1.5
169	6.2	0.8	0.8	7.0	1.1	76.3	21.3	2.1	0.3	0.9
170	4.8	0.7	1.2	5.5	1.1	86.5	13.0	0.4	0.0	0.8
171	4.8	1.3	1.1	6.1	1.3	81.9	16.3	1.5	0.3	2.1
172	5.7	0.6	1.0	6.3	1.1	80.7	18.4	0.9	0.1	0.5
173	5.7	1.3	1.0	7.0	1.2	75.6	21.6	2.2	0.5	1.8
174	4.7	0.8	1.5	5.5	1.2	85.3	13.9	0.7	0.1	1.5
175	7.0	0.8	0.9	7.8	1.1	69.4	27.1	3.1	0.4	0.7
176	5.2	0.7	1.0	5.9	1.1	83.3	15.9	0.6	0.1	0.7
177	5.3	1.0	1.1	6.2	1.2	81.0	17.8	1.1	0.1	0.9
179	6.9	1.0	0.9	8.0	1.1	68.2	27.7	3.5	0.5	0.9
180	5.7	1.6	1.2	7.4	1.3	72.7	23.4	3.3	0.5	2.5

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
181	6.5	1.1	1.1	7.6	1.2	70.7	25.7	2.9	0.6	1.3
182	4.5	1.1	1.0	5.6	1.2	85.8	13.1	1.0	0.1	2.1
183	4.4	1.3	0.9	5.7	1.3	84.7	13.6	1.5	0.2	3.1
184	4.9	1.0	1.0	5.9	1.2	83.7	15.2	0.9	0.1	1.5
185	4.5	1.0	1.0	5.6	1.2	85.4	13.8	0.7	0.1	1.5
186	6.9	0.9	0.8	7.8	1.1	69.5	27.0	3.2	0.3	0.8
187	6.6	0.7	1.0	7.2	1.1	72.8	25.4	1.6	0.2	0.5
188	4.5	0.9	1.3	5.4	1.2	86.3	13.0	0.7	0.1	1.4
189	4.6	0.7	0.6	5.3	1.2	88.4	11.1	0.4	0.0	1.0
191	5.9	0.9	1.2	6.8	1.2	76.6	21.0	2.1	0.2	1.2
192	5.6	1.1	1.0	6.7	1.2	77.9	20.1	1.7	0.3	1.4
193	6.0	0.6	0.8	6.6	1.1	79.5	18.1	2.2	0.2	0.7
194	6.7	0.7	0.9	7.4	1.1	72.0	25.4	2.3	0.3	0.6
195	6.7	1.0	1.3	7.7	1.1	70.4	26.2	2.9	0.6	1.1
196	6.9	1.0	0.6	7.9	1.1	68.6	27.1	3.7	0.6	1.0
197	6.6	0.7	0.9	7.3	1.1	72.5	25.3	2.1	0.1	0.3
198	6.8	0.5	0.6	7.3	1.1	72.6	25.5	1.8	0.2	0.2
199	6.5	0.6	0.8	7.1	1.1	73.8	24.5	1.5	0.1	0.4
200	5.2	0.6	0.7	5.8	1.1	84.8	14.7	0.5	0.0	0.4
202	5.6	1.3	0.9	6.8	1.2	76.4	21.0	2.2	0.4	1.9
204	5.7	0.8	0.7	6.5	1.1	79.4	19.0	1.4	0.2	1.0
205	4.4	1.3	1.5	5.7	1.3	83.7	14.9	1.2	0.2	2.8
206	7.0	0.9	1.0	7.9	1.1	69.0	27.1	3.4	0.6	1.1
207	3.3	0.8	0.8	4.1	1.2	94.5	5.3	0.2	0.0	1.6
208	6.4	0.9	1.1	7.3	1.1	72.5	25.5	1.8	0.2	0.6
209	3.4	0.6	0.8	4.0	1.2	94.9	5.0	0.1	0.0	1.1
210	5.3	0.8	0.8	6.0	1.2	82.9	16.2	0.8	0.1	0.7
211	5.1	1.1	0.9	6.2	1.2	80.7	17.3	1.7	0.4	2.5
212	5.7	1.3	0.8	7.0	1.2	75.3	21.8	2.5	0.4	2.1
213	5.3	0.7	0.8	5.9	1.1	83.8	15.5	0.7	0.1	0.7
214	4.4	1.1	0.9	5.4	1.2	86.3	12.9	0.7	0.1	1.7
217	7.1	1.0	1.4	8.1	1.1	67.1	28.5	3.8	0.6	1.0
219	6.7	0.9	0.9	7.6	1.1	70.9	26.4	2.5	0.2	0.7
220	4.3	1.2	1.2	5.5	1.3	85.3	13.5	1.0	0.2	2.8
221	4.5	1.0	1.0	5.5	1.2	85.1	14.1	0.7	0.1	1.8
222	5.4	0.8	1.0	6.2	1.1	82.5	16.3	1.0	0.1	0.7
226	6.8	0.9	1.0	7.7	1.1	70.0	26.3	3.1	0.5	1.1
227	4.6	1.1	0.6	5.7	1.2	84.7	13.9	1.2	0.2	2.3
229	5.7	0.9	1.2	6.6	1.2	77.9	20.4	1.5	0.2	0.9
234	7.0	0.9	0.7	7.8	1.1	68.8	27.8	3.1	0.3	0.8
235	4.7	1.0	0.9	5.7	1.2	84.6	14.4	0.8	0.1	1.5

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Waiting Times (mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
236	5.4	1.4	1.1	6.8	1.3	76.9	20.4	2.3	0.4	2.2
237	4.7	1.0	1.0	5.8	1.2	83.6	15.5	0.9	0.1	1.4
238	5.6	0.7	0.7	6.3	1.1	80.9	17.8	1.1	0.3	0.8
240	7.1	0.6	0.6	7.7	1.1	70.1	26.6	2.9	0.4	0.8
241	6.4	0.7	0.8	7.1	1.1	74.9	22.6	2.1	0.4	0.7
242	4.1	1.2	1.0	5.2	1.3	87.6	11.6	0.6	0.1	2.3
243	4.0	0.8	0.9	4.8	1.2	91.0	8.7	0.2	0.0	1.0
244	5.8	1.0	0.9	6.7	1.2	77.2	21.0	1.6	0.1	0.9
245	4.6	0.9	0.9	5.5	1.2	86.5	12.7	0.7	0.1	1.5
247	6.3	0.8	1.0	7.1	1.1	75.0	22.5	2.2	0.2	0.9
248	4.9	0.6	0.8	5.5	1.1	86.3	13.3	0.4	0.0	0.7
249	6.2	0.5	0.6	6.7	1.1	76.7	22.6	0.7	0.1	0.2
250	4.2	0.7	1.0	4.9	1.2	90.5	9.3	0.2	0.0	0.7
251	6.6	0.7	0.5	7.4	1.1	73.1	24.2	2.5	0.3	0.6
252	6.0	0.9	1.0	6.9	1.2	76.9	20.6	2.2	0.2	1.0
253	3.2	1.0	0.9	4.2	1.3	94.1	5.6	0.2	0.1	2.4
254	3.2	1.0	1.0	4.2	1.3	94.1	5.6	0.2	0.0	2.0
255	7.1	0.5	0.5	7.6	1.1	70.8	26.6	2.4	0.2	0.3
256	6.3	0.5	0.6	6.8	1.1	77.1	21.2	1.6	0.1	0.3
257	4.3	1.0	1.0	5.3	1.2	87.5	11.5	0.8	0.2	1.8
259	4.1	0.8	0.8	4.9	1.2	90.5	9.1	0.3	0.1	1.2
260	6.9	1.0	1.0	7.8	1.1	68.1	28.6	2.9	0.4	0.7
261	6.7	1.0	1.2	7.7	1.2	69.6	26.7	3.2	0.5	0.9
262	5.6	1.2	0.9	6.7	1.2	77.5	20.0	1.9	0.6	1.9
263	5.3	0.7	0.7	5.9	1.1	84.2	15.1	0.7	0.0	0.5
264	6.4	0.5	0.8	6.9	1.1	75.3	23.7	0.9	0.1	0.2
265	6.5	0.8	0.6	7.3	1.1	72.8	25.2	1.8	0.2	0.6
266	4.7	1.1	1.4	5.7	1.2	84.3	14.3	1.2	0.2	2.2
267	5.8	1.1	1.0	6.9	1.2	76.1	21.2	2.1	0.5	1.5
268	6.2	0.8	0.6	7.0	1.1	75.5	22.7	1.7	0.2	0.7
269	6.7	0.9	1.2	7.5	1.1	70.8	26.3	2.5	0.4	1.0
270	5.4	0.6	0.8	6.0	1.1	83.8	15.6	0.6	0.0	0.4
271	5.3	0.6	0.6	5.8	1.1	84.5	14.9	0.6	0.1	0.4
274	4.4	1.7	1.2	6.1	1.4	81.2	16.7	1.9	0.2	4.0
275	7.0	1.0	0.9	7.9	1.1	68.5	27.4	3.5	0.5	1.0
276	6.5	1.1	1.0	7.6	1.2	70.3	26.0	3.1	0.6	1.3
277	3.8	1.0	1.1	4.7	1.3	90.7	8.8	0.4	0.1	1.8
279	3.7	1.1	0.8	4.7	1.3	90.6	8.9	0.4	0.1	2.6
280	5.7	0.7	0.5	6.4	1.1	79.9	18.9	1.2	0.1	0.5
281	5.3	1.1	1.0	6.4	1.2	80.2	18.1	1.5	0.2	1.3
281R	5.4	0.8	0.6	6.2	1.2	81.7	16.6	1.5	0.2	1.1

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
282	6.7	0.9	1.0	7.6	1.1	69.9	27.5	2.3	0.3	0.6
283	4.7	1.0	0.7	5.6	1.2	85.5	13.4	0.9	0.2	1.6
284	6.5	1.5	1.0	8.1	1.2	68.2	26.4	4.5	0.9	2.4
285	6.3	0.9	0.7	7.3	1.1	73.2	24.3	2.1	0.3	0.8
286	5.8	1.0	0.8	6.8	1.2	76.9	20.9	2.0	0.3	1.4
288	6.0	0.8	0.7	6.8	1.1	77.6	20.7	1.6	0.2	0.8
291	5.7	0.8	0.9	6.5	1.1	79.6	18.9	1.3	0.2	0.8
294	7.1	0.6	0.9	7.8	1.1	68.9	28.5	2.4	0.2	0.2
295	4.4	0.8	1.1	5.3	1.2	88.3	11.0	0.6	0.1	1.5
297	5.8	1.1	1.1	7.0	1.2	75.8	21.7	2.0	0.4	1.4
302	5.1	0.9	0.8	6.0	1.2	82.5	16.4	1.0	0.1	1.1
307	6.2	0.8	0.8	7.0	1.1	76.1	21.2	2.4	0.4	0.7
308	6.9	1.5	0.9	8.4	1.2	66.1	27.2	5.2	1.5	2.3
309	6.7	0.9	1.0	7.6	1.1	71.1	25.7	2.7	0.5	0.8
312	6.8	0.7	0.7	7.5	1.1	71.5	26.0	2.3	0.3	0.5
316	5.1	0.7	1.0	5.8	1.1	84.4	14.9	0.6	0.1	0.8
319	4.8	0.5	0.6	5.4	1.1	88.4	11.3	0.3	0.0	0.4
320	6.9	0.9	0.8	7.8	1.1	69.1	27.1	3.4	0.5	1.1
321	5.3	0.9	1.0	6.3	1.2	80.8	17.9	1.1	0.1	1.0
322	6.7	1.1	0.7	7.8	1.2	68.8	27.6	3.2	0.4	0.9
325	7.0	1.0	0.9	8.0	1.1	68.2	27.5	3.7	0.6	1.0
326	6.4	0.9	0.7	7.3	1.1	73.2	24.4	2.1	0.3	0.9
328	4.2	1.4	1.6	5.6	1.3	84.8	13.8	1.2	0.2	3.1
329	4.0	0.6	0.7	4.6	1.2	94.0	5.9	0.1	0.0	0.6
330	6.9	0.8	0.8	7.7	1.1	70.6	25.8	3.0	0.7	0.7
332	5.4	0.7	0.6	6.0	1.1	83.1	16.2	0.6	0.1	0.5
333	5.2	0.5	0.6	5.7	1.1	85.6	14.2	0.2	0.0	0.2
337	6.3	0.8	0.8	7.1	1.1	74.3	23.8	1.6	0.3	0.8
340	6.4	0.7	0.7	7.0	1.1	74.5	24.0	1.3	0.1	0.4
341	5.3	0.8	1.0	6.1	1.2	82.6	16.6	0.7	0.1	0.7
343	4.3	0.7	0.9	5.0	1.2	90.4	9.2	0.4	0.0	1.0
344	4.0	1.2	0.9	5.2	1.3	87.4	11.7	0.8	0.1	2.7
345	4.7	1.2	1.1	5.9	1.3	83.0	15.5	1.3	0.2	2.0
349	5.2	0.8	0.6	5.9	1.1	83.7	15.5	0.6	0.2	0.8
355	6.3	0.6	0.6	6.8	1.1	75.9	23.2	0.9	0.1	0.3
358	6.7	1.1	0.7	7.8	1.2	69.1	26.8	3.6	0.5	1.2
360	6.8	0.6	0.8	7.4	1.1	71.5	26.6	1.8	0.2	0.4
363	5.2	0.8	1.0	6.0	1.2	83.2	16.1	0.6	0.1	0.6
364	5.6	1.0	0.9	6.6	1.2	78.4	19.8	1.6	0.3	1.3
365	6.8	0.7	0.8	7.5	1.1	70.5	27.1	2.2	0.2	0.4
366	5.7	1.1	1.2	6.9	1.2	76.5	20.8	2.3	0.4	1.7

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
368	6.6	0.7	0.8	7.2	1.1	74.6	23.0	2.1	0.3	0.5
371	5.5	0.7	0.7	6.2	1.1	81.7	17.4	0.7	0.1	0.7
380	6.3	0.9	1.1	7.2	1.1	73.1	24.7	1.9	0.2	0.7
381	5.6	1.0	1.3	6.6	1.2	78.2	20.0	1.6	0.2	1.1
388	5.2	1.8	1.3	7.0	1.3	74.5	21.9	3.0	0.7	3.3
390	3.4	0.9	1.1	4.3	1.3	92.7	6.9	0.3	0.1	2.3
391	6.4	1.3	1.0	7.7	1.2	70.8	24.9	3.4	0.9	2.0
393	6.4	1.1	1.0	7.6	1.2	70.6	26.1	2.9	0.4	0.9
394	7.0	1.1	1.0	8.1	1.2	67.1	28.5	3.9	0.5	1.0
403	6.8	0.7	0.7	7.5	1.1	71.4	26.0	2.3	0.2	0.6
407	6.6	1.2	0.9	7.8	1.2	69.1	26.9	3.5	0.5	1.3
410	5.3	0.6	0.9	5.9	1.1	84.0	15.2	0.7	0.1	0.4
414	4.5	0.9	1.1	5.3	1.2	87.5	11.8	0.6	0.1	1.4
415	6.9	0.5	0.5	7.4	1.1	71.4	26.4	2.0	0.2	0.3
417	5.4	0.7	1.0	6.1	1.1	82.2	17.0	0.7	0.1	0.5
422	5.4	1.1	1.4	6.5	1.2	79.2	19.0	1.6	0.2	1.2
425	6.6	1.6	0.7	8.2	1.2	66.9	27.5	4.3	1.3	2.5
427	4.4	0.8	1.1	5.2	1.2	89.0	10.4	0.5	0.1	1.2
430	5.2	0.7	0.9	5.9	1.1	84.6	14.7	0.6	0.1	0.6
432	6.3	0.7	1.0	6.9	1.1	75.4	23.1	1.2	0.2	0.6
436	4.4	1.1	0.8	5.5	1.3	85.7	13.2	0.9	0.2	2.2
444	6.8	0.9	0.8	7.7	1.1	69.4	27.4	2.9	0.4	0.8
450	5.1	0.8	1.0	5.9	1.2	83.6	15.4	0.9	0.1	1.0
452	4.9	1.1	1.5	6.0	1.2	82.0	16.7	1.2	0.1	1.8
453	3.5	1.2	0.8	4.7	1.3	89.9	9.2	0.7	0.2	3.4
460	6.4	1.3	1.0	7.8	1.2	69.3	27.0	3.2	0.6	1.5
466	5.4	0.7	0.6	6.1	1.1	81.4	17.8	0.7	0.1	0.7
468	4.2	0.8	1.2	5.0	1.2	89.2	10.3	0.4	0.1	1.3
472	3.6	0.9	0.9	4.5	1.3	92.1	7.6	0.3	0.0	1.9
473	5.6	1.1	0.8	6.6	1.2	78.2	19.6	1.7	0.4	1.6
474	6.4	0.8	0.9	7.2	1.1	73.4	24.6	1.7	0.2	0.6
476	4.5	0.7	1.0	5.2	1.1	89.0	10.8	0.3	0.0	0.6
483	5.2	0.8	0.8	6.0	1.2	83.2	15.7	0.9	0.2	0.9
484	6.3	1.2	1.3	7.6	1.2	70.3	26.7	2.7	0.3	1.0
486	4.6	1.4	1.3	6.0	1.3	81.7	16.5	1.5	0.2	2.9
487	6.8	0.7	0.6	7.6	1.1	71.4	25.9	2.4	0.3	0.7
490	6.8	0.7	0.7	7.5	1.1	71.2	25.6	2.7	0.4	0.7
493	6.9	1.0	0.8	7.9	1.1	68.1	28.1	3.3	0.4	1.0
507	3.8	0.6	1.0	4.3	1.2	91.3	8.2	0.4	0.1	0.8
521	3.4	0.6	0.6	4.0	1.2	92.0	7.5	0.4	0.1	0.9
607	5.6	0.9	0.9	6.4	1.2	79.8	18.7	1.2	0.2	0.9

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
C1	6.6	1.0	1.5	7.5	1.1	70.9	26.4	2.3	0.3	0.7
C2	4.2	0.6	1.1	4.9	1.1	91.5	8.2	0.3	0.1	1.0
C3	5.5	0.9	0.9	6.4	1.2	79.6	18.8	1.3	0.3	1.3
C10	4.9	1.2	1.2	6.1	1.2	81.9	16.8	1.2	0.1	1.7
C11	5.8	0.8	0.8	6.6	1.1	79.3	19.0	1.5	0.2	0.9
D3	5.9	1.0	1.1	6.9	1.2	76.5	20.8	2.2	0.4	1.0
D6	4.9	0.7	0.6	5.6	1.1	85.1	13.8	1.0	0.1	1.0
D7	4.1	0.6	0.8	4.8	1.2	91.3	8.4	0.3	0.0	0.9
D8	6.9	0.5	0.4	7.3	1.1	72.7	25.3	1.7	0.2	0.3
E1	5.0	0.5	0.5	5.5	1.1	87.1	12.4	0.4	0.1	0.6
E2	4.2	0.8	0.8	4.9	1.2	90.7	9.0	0.3	0.0	1.0
E3	4.1	1.2	1.1	5.4	1.3	86.7	12.4	0.8	0.1	2.6
E5	6.8	0.6	0.7	7.4	1.1	72.1	25.5	2.0	0.3	0.5
E6	6.4	0.9	1.1	7.3	1.1	72.2	25.7	1.9	0.2	0.7
E7	6.9	0.7	0.8	7.6	1.1	71.1	25.8	2.6	0.4	0.6
E8	4.4	0.9	0.8	5.3	1.2	88.2	11.3	0.5	0.1	1.2
E9	6.8	0.8	0.8	7.7	1.1	70.2	26.6	2.8	0.4	0.7
EL1	3.5	0.6	0.6	4.1	1.2	95.2	4.5	0.2	0.0	0.9
EL2	5.1	0.5	0.5	5.5	1.1	86.5	12.7	0.6	0.1	0.4
EL3	6.5	0.4	0.5	6.9	1.1	78.0	19.6	2.1	0.2	0.4
H2	6.4	1.1	0.5	7.5	1.2	72.0	25.2	2.4	0.4	1.1
H9	5.9	1.2	1.4	7.1	1.2	75.4	21.5	2.6	0.4	1.5
H10	6.0	1.2	1.1	7.2	1.2	75.7	20.9	2.9	0.5	1.6
H12	5.8	0.8	0.7	6.5	1.1	79.0	19.7	1.2	0.1	0.8
H14	5.3	0.5	0.4	5.8	1.1	84.8	14.6	0.5	0.1	0.5
H20	7.1	0.5	0.5	7.6	1.1	70.6	27.0	2.1	0.3	0.4
H22	6.9	0.9	0.9	7.7	1.1	69.9	26.6	2.9	0.6	1.0
H25	7.4	0.8	0.7	8.2	1.1	66.3	29.6	3.7	0.5	0.6
H32	5.7	0.7	1.0	6.4	1.1	80.6	18.1	1.2	0.2	0.7
H37	3.7	0.7	0.8	4.4	1.2	93.0	6.5	0.4	0.1	1.7
H91	5.7	0.7	0.8	6.5	1.1	79.8	18.6	1.4	0.2	0.9
H98	5.6	0.6	0.8	6.2	1.1	81.7	17.5	0.7	0.1	0.5
K1	7.0	0.6	0.7	7.6	1.1	70.8	26.7	2.2	0.2	0.5
K2	6.0	0.8	0.8	6.8	1.1	77.3	20.8	1.7	0.2	0.8
P4	6.3	1.1	1.5	7.4	1.2	72.0	25.1	2.5	0.3	1.1
P12	6.3	0.9	1.0	7.2	1.1	72.9	24.9	2.0	0.2	0.6
R9	7.8	0.6	0.5	8.4	1.1	68.2	24.4	6.8	0.7	0.6
R11	6.7	0.5	0.4	7.2	1.1	73.6	24.9	1.4	0.1	0.2
R70	5.9	0.7	0.6	6.5	1.1	79.4	18.9	1.6	0.2	0.7
T64	4.8	0.7	1.1	5.5	1.1	86.2	13.0	0.8	0.1	0.8
T130	7.7	0.8	0.7	8.5	1.1	66.9	26.8	5.5	0.8	0.7

Quality of Service Indicators for High Frequency (Non-Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Waiting Times (mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
T433	5.0	0.9	1.1	5.9	1.2	82.8	16.3	0.8	0.0	1.4
U2	6.2	0.6	0.5	6.8	1.1	77.4	20.6	1.8	0.2	0.6
U3	6.8	0.7	0.6	7.6	1.1	70.8	26.3	2.6	0.3	0.5
U4	6.0	0.8	0.8	6.8	1.1	77.1	21.0	1.7	0.2	0.7
U5	6.8	0.8	0.7	7.7	1.1	70.5	26.2	2.9	0.4	0.8
W3	4.0	0.9	0.8	4.9	1.2	90.0	9.4	0.6	0.1	2.0
W4	5.9	1.0	1.0	6.9	1.2	77.2	20.6	1.9	0.3	1.1
W5	6.7	0.9	1.0	7.6	1.1	70.6	26.1	2.8	0.4	0.8
W6	6.5	0.4	0.8	7.0	1.1	79.3	17.0	3.3	0.5	0.5
W7	3.1	0.9	0.6	4.0	1.3	93.8	5.7	0.5	0.1	2.7
W8	4.6	0.8	0.9	5.4	1.2	87.0	12.4	0.6	0.0	1.3
W11	6.6	0.8	0.7	7.3	1.1	73.0	24.7	2.0	0.3	0.6
W15	4.6	1.6	1.2	6.2	1.3	80.2	17.1	2.2	0.4	3.8
W16	6.7	0.9	0.7	7.6	1.1	71.0	26.1	2.6	0.3	0.8
W19	7.3	1.0	0.8	8.3	1.1	68.3	26.7	4.4	0.7	1.2
All	5.1	0.9	1.0	6.0	1.2	81.9	16.5	1.4	0.2	1.5

Quality of Service Indicators for Low Frequency (Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
20	68.7	78.1	9.9	1.6	19.9
61	85.6	80.4	3.1	1.4	10.0
107	86.8	86.8	2.5	1.0	9.7
110	90.3	88.9	1.2	1.2	7.3
117	81.3	81.4	2.5	1.6	14.7
138	76.2	84.4	4.7	1.3	17.8
146	73.8	81.7	9.1	0.7	16.4
160	77.8	80.4	4.6	0.7	16.9
162	77.3	81.6	5.7	0.9	16.2
166	78.9	78.9	3.3	0.3	17.5
167	79.9	78.1	2.6	0.5	17.0
178	81.9	80.3	2.8	1.0	14.3
190	84.4	82.2	2.5	1.0	12.0
201	76.6	83.3	3.6	1.2	18.6
203	83.5	84.2	2.1	0.8	13.6
215	85.1	83.7	1.6	0.4	12.9
216	76.2	78.8	4.5	1.8	17.5
223	85.5	79.1	3.0	1.5	9.9
224	73.8	84.7	6.2	2.4	17.7
225	78.1	77.1	4.1	2.3	15.5
228	82.8	n/a	2.1	1.5	13.6
230	77.2	n/a	5.2	1.1	16.5
231	83.7	80.9	2.2	0.8	13.3
232	74.5	75.9	6.3	1.8	17.3
233	83.7	85.8	2.2	0.5	13.6
246	79.6	83.5	3.3	1.3	15.8
258	74.9	82.0	3.5	1.0	20.6
268	88.1	n/a	2.0	2.1	7.7
272	83.7	81.8	5.1	2.0	9.2
273	74.6	70.8	3.3	0.8	21.3
287	87.6	85.1	2.6	0.4	9.4
289	81.6	69.2	2.8	0.3	15.3
290	79.2	88.0	3.5	0.6	16.7
292	80.8	86.3	3.4	1.0	14.8
293	81.1	83.2	2.6	0.6	15.6
296	80.2	77.4	2.6	0.6	16.5
298	74.1	79.5	5.6	1.3	19.0
299	78.5	78.8	4.8	1.3	15.4
300	84.1	84.7	3.1	2.1	10.8
303	81.8	87.2	4.8	0.8	12.6

Quality of Service Indicators for Low Frequency (Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
305	79.4	82.7	6.1	0.7	13.8
313	78.2	78.9	4.7	0.9	16.2
315	79.0	81.4	4.0	0.8	16.2
317	82.9	80.8	3.2	0.8	13.0
318	78.6	86.6	6.8	1.2	13.4
323	93.7	90.5	1.1	0.6	4.6
324	82.8	85.4	3.4	1.2	12.7
327	82.2	81.2	5.3	1.8	10.6
331	87.2	82.9	1.9	1.3	9.5
336	79.2	78.8	3.7	1.5	15.6
339	82.9	87.0	4.8	1.4	10.9
346	90.5	91.9	3.2	0.6	5.7
347	89.1	69.8	2.1	1.4	7.3
350	82.2	81.7	3.0	1.7	13.1
352	75.7	83.9	4.0	0.9	19.4
354	83.3	83.7	3.3	1.6	11.9
356	82.3	82.0	2.9	0.8	14.0
357	70.9	81.3	7.7	1.4	20.1
362	80.4	74.3	4.0	1.1	14.4
367	72.5	82.8	4.3	1.4	21.8
370	85.0	64.3	2.7	1.5	10.8
372	81.0	87.0	2.3	0.4	16.4
375	93.9	87.7	0.8	0.7	4.6
376	86.0	83.1	3.1	1.7	9.1
377	89.6	86.8	2.0	1.0	7.4
379	93.0	88.2	2.8	0.8	3.4
382	82.7	78.0	3.6	2.1	11.6
383	87.8	89.3	1.1	1.5	9.5
384	86.1	88.4	2.7	1.3	9.8
385	87.8	84.7	4.0	2.5	5.8
386	77.8	82.3	4.3	2.1	15.8
389	87.5	96.4	2.1	1.4	9.1
395	85.0	89.4	2.6	1.0	11.5
396	90.0	82.3	1.4	0.6	8.0
397	79.1	77.7	3.4	1.6	15.9
398	82.7	87.0	4.5	2.5	10.3
399	91.4	96.9	1.3	0.3	7.0
401	87.5	87.9	3.2	1.5	7.8
404	91.5	92.4	0.9	0.0	7.5
405	78.2	79.6	3.7	0.6	17.4

Quality of Service Indicators for Low Frequency (Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
406	88.0	89.8	2.0	0.6	9.4
411	85.0	90.9	2.9	0.6	11.4
412	86.6	86.4	2.9	0.2	10.3
413	87.1	86.6	2.1	0.9	9.9
418	87.9	90.3	2.1	0.6	9.4
419	86.2	83.2	4.0	0.8	9.0
423	91.5	91.3	0.6	0.5	7.4
424	79.5	71.8	2.3	0.8	17.3
428	82.6	81.5	4.8	0.8	11.9
434	84.3	86.2	2.6	0.8	12.3
440	79.9	87.3	4.4	1.5	14.1
455	83.4	83.8	2.0	1.6	13.1
462	82.7	76.6	3.3	0.8	13.2
463	78.9	84.1	5.0	2.4	13.7
465	80.5	82.3	3.8	1.2	14.5
467	86.0	87.1	2.8	0.3	10.9
469	82.6	79.0	3.2	1.1	13.2
470	84.1	84.1	2.3	1.5	12.1
481	79.5	86.2	3.1	0.6	16.8
482	81.5	76.0	3.2	1.7	13.6
485	79.5	76.7	3.3	0.5	16.7
488	81.8	n/a	5.1	1.0	12.1
491	81.5	83.3	4.0	1.8	12.8
492	74.6	74.3	5.8	1.0	18.6
496	88.6	85.5	1.4	0.3	9.7
498	87.5	84.1	1.6	0.4	10.5
499	84.4	79.2	2.4	0.6	12.7
549	81.0	79.3	4.6	0.7	13.6
A10	88.2	89.6	2.0	0.4	9.4
B11	84.4	87.1	3.8	0.8	10.9
B12	78.4	75.0	4.6	1.0	16.0
B13	85.0	85.8	3.1	1.0	10.9
B14	69.5	78.7	6.8	2.1	21.6
B15	83.5	76.7	2.9	0.5	13.0
B16	87.2	85.5	2.8	1.8	8.3
E10	89.4	81.7	2.1	0.8	7.7
E11	88.6	89.8	2.7	0.6	8.1
G1	72.5	74.0	7.1	1.3	19.0
H3	81.1	90.5	3.9	1.5	13.5
H11	91.6	92.3	0.8	1.0	6.5

Quality of Service Indicators for Low Frequency (Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
H13	85.1	88.0	2.4	1.1	11.4
H17	86.3	92.4	3.8	1.0	8.9
H18	79.8	80.3	5.3	1.9	13.0
H19	83.0	80.0	4.6	2.1	10.2
H26	89.7	90.0	0.6	1.1	8.6
H28	83.1	78.3	1.3	1.1	14.5
K3	82.7	85.8	2.9	1.1	13.3
K4	87.2	90.1	1.9	0.7	10.2
K5	84.4	86.5	3.5	0.6	11.4
P5	84.9	87.9	2.2	0.4	12.5
P13	77.2	82.3	4.4	1.3	17.1
R1	90.0	92.6	0.6	1.5	7.9
R2	90.0	88.6	1.2	1.5	7.3
R3	87.4	88.5	1.2	1.1	10.3
R4	88.4	86.8	1.3	1.2	9.2
R5	79.0	82.2	3.5	1.2	16.3
R6	89.5	80.8	1.5	1.2	7.8
R7	73.8	75.9	4.6	1.6	19.9
R8	75.1	79.0	6.7	0.6	17.5
R10	75.8	79.3	5.5	0.9	17.8
R68	84.8	85.4	2.7	1.0	11.5
RV1	85.6	n/a	2.2	1.0	11.2
S1	84.5	87.4	3.2	0.8	11.5
S3	86.7	88.3	2.8	1.3	9.2
S4	82.3	83.0	2.5	0.6	14.6
T314	78.1	69.7	3.9	1.2	16.8
T353	86.0	85.1	1.9	0.6	11.5
T359	90.3	92.9	1.5	0.7	7.4
T464	91.3	89.2	2.0	0.6	6.0
U1	80.2	86.0	3.9	1.4	14.5
U7	83.0	87.0	2.7	1.5	12.8
U9	87.6	92.6	2.2	1.4	8.8
U10	85.5	87.9	2.8	0.7	11.0
W9	84.4	83.8	3.2	0.9	11.4
W10	92.2	92.1	2.0	0.3	5.5
W12	84.5	66.0	1.9	1.6	12.0
W13	88.9	86.1	2.0	0.6	8.5
W14	84.6	83.6	3.2	1.2	11.0
X26	74.0	75.4	4.8	0.9	20.3
X68	81.0	68.2	5.7	2.7	10.5

Quality of Service Indicators for Low Frequency (Timetabled) Day Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
All	82.1	82.7	3.4	1.1	13.3

Quality of Service Indicators for High Frequency (Non-Timetabled) Night Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Waiting Times (Mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q1 2017-18 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	Probability of Waiting (%)				
						< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
N8	8.5	0.6	0.8	9.2	1.1	63.6	29.7	6.0	0.7	0.7
N15	5.0	0.4	0.7	5.4	1.1	90.3	9.4	0.3	0.0	0.4
N25	4.7	0.8	1.0	5.4	1.2	88.2	11.0	0.8	0.1	1.2
N29	4.0	0.4	0.5	4.4	1.1	95.8	4.1	0.1	0.0	0.5
N38	7.9	0.7	0.7	8.6	1.1	65.8	29.7	3.7	0.8	0.9
All	5.6	0.6	0.6	6.2	1.1	83.4	14.6	1.8	0.3	0.8

Quality of Service Indicators for Low Frequency (Timetabled) Night Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N1	92.3	88.3	0.9	0.1	6.7
N2	87.3	84.3	1.9	0.4	10.5
N3	82.0	87.1	2.0	2.1	13.9
N5	87.8	n/a	1.6	0.4	10.2
N6	93.7	n/a	0.9	0.6	4.8
N7	96.0	94.5	0.6	0.2	3.1
N9	84.9	86.9	1.3	1.1	12.8
N10	94.2	91.4	2.0	0.2	3.6
N11	82.2	83.2	2.6	0.2	15.1
N12	88.6	86.8	2.5	0.3	8.6
N13	88.2	82.4	2.2	1.3	8.3
N14	93.1	89.8	1.0	0.6	5.2
N16	91.4	91.2	0.8	0.0	7.7
N18	85.6	88.5	2.8	2.9	8.7
N19	93.5	87.4	1.3	0.8	4.3
N20	80.9	87.8	2.0	0.2	16.9
N21	92.3	88.6	1.2	0.1	6.5
N22	94.2	93.9	0.4	0.1	5.3
N23	91.4	84.7	1.9	0.2	6.6
N24	85.8	90.8	3.1	1.2	10.0
N26	83.1	81.9	2.1	0.9	13.9
N27	95.9	96.8	1.2	0.8	2.1
N28	88.8	90.1	3.8	0.5	7.0
N31	92.9	90.2	2.1	0.4	4.5
N33	97.6	96.9	0.3	0.1	2.0
N34	92.4	95.2	3.4	0.2	3.9
N35	89.1	78.1	1.4	0.3	9.2
N36	92.0	90.7	1.6	0.3	6.1
N37	92.4	90.7	0.3	0.1	7.3
N41	93.6	91.6	0.6	0.2	5.6
N43	87.8	90.2	3.5	0.5	8.1
N44	82.1	81.8	2.8	0.1	15.1
N47	85.9	88.5	2.3	0.2	11.7
N52	95.5	93.3	1.0	0.5	3.1
N53	86.2	88.5	1.2	0.3	12.3
N55	81.0	84.8	1.8	0.2	17.0
N57	97.2	95.0	1.0	0.2	1.6
N63	89.6	85.9	1.6	0.1	8.7
N65	95.6	95.0	1.1	0.7	2.7
N68	75.2	81.8	5.5	0.7	18.6

Quality of Service Indicators for Low Frequency (Timetabled) Night Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N69	94.2	94.3	1.9	1.3	2.6
N72	93.1	92.7	0.1	0.2	6.6
N73	85.8	84.7	1.3	0.7	12.2
N74	96.2	96.1	0.5	0.1	3.2
N76	86.5	82.6	2.0	0.3	11.2
N83	94.6	94.9	1.5	0.8	3.0
N85	96.4	96.1	0.6	1.4	1.7
N86	85.9	88.9	2.4	0.2	11.5
N87	89.3	n/a	1.7	0.2	8.8
N88	92.8	91.7	1.4	0.3	5.5
N89	80.7	86.6	1.7	0.1	17.5
N91	88.9	88.8	1.6	0.3	9.2
N93	95.3	94.1	2.2	0.3	2.2
N94	93.1	90.6	0.6	0.2	6.1
N97	92.2	91.6	2.0	0.2	5.6
N98	92.7	94.1	0.9	0.5	5.9
N102	97.2	97.7	0.8	0.1	1.9
N105	94.2	95.4	2.7	0.5	2.6
N108	93.1	88.4	1.8	0.8	4.4
N109	84.3	86.5	3.1	2.0	10.6
N111	89.2	89.9	1.3	1.0	8.5
N113	93.6	92.3	0.6	0.2	5.6
N114	94.3	94.1	0.7	0.3	4.7
N119	96.4	95.4	0.5	0.6	2.6
N123	97.6	93.4	0.8	0.3	1.4
N128	96.6	96.5	0.8	0.3	2.2
N132	94.5	96.7	4.6	0.4	0.6
N133	88.0	90.7	5.8	0.2	6.0
N134	93.2	n/a	1.2	0.3	5.3
N136	89.2	85.6	1.5	0.2	9.1
N137	90.3	84.1	1.3	0.1	8.3
N139	89.1	86.4	0.7	1.7	8.5
N140	97.2	96.7	0.2	0.3	2.3
N145	93.1	89.3	1.1	0.3	5.5
N148	90.4	88.0	1.6	2.4	5.5
N149	89.2	88.1	2.8	0.4	7.6
N154	92.4	91.8	0.5	0.8	6.2
N155	90.8	n/a	2.2	0.4	6.6
N158	92.0	88.5	1.0	1.8	5.2
N159	91.5	90.4	2.9	2.1	3.5

Quality of Service Indicators for Low Frequency (Timetabled) Night Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N171	86.8	91.3	2.1	0.3	10.8
N176	91.0	87.2	3.9	1.0	4.0
N183	93.8	81.8	1.0	0.5	4.7
N188	92.3	86.4	1.8	1.5	4.5
N189	94.3	93.7	1.2	0.1	4.4
N199	85.1	90.7	1.2	0.3	13.3
N205	79.7	79.2	3.3	0.6	16.3
N207	85.2	82.7	2.6	0.6	11.6
N213	95.4	94.1	1.9	0.5	2.2
N214	95.5	97.1	1.1	0.6	2.9
N220	95.4	93.6	0.5	0.4	3.8
N222	93.9	91.0	1.7	0.4	4.1
N238	93.0	94.2	1.7	1.2	4.1
N242	87.1	91.5	2.2	1.5	9.2
N243	91.2	87.2	1.3	0.3	7.2
N250	95.7	94.1	1.6	0.0	2.7
N253	77.2	n/a	2.3	0.5	20.0
N264	96.8	94.2	0.4	0.7	2.1
N266	94.4	91.7	2.0	0.3	3.3
N271	96.1	93.0	1.5	0.4	2.1
N277	86.9	84.3	2.9	0.6	9.5
N279	87.0	90.6	2.7	0.2	10.1
N281	96.3	97.1	1.3	0.5	1.9
N285	94.5	92.2	1.2	0.4	3.9
N295	96.3	93.4	0.8	0.0	2.9
N296	90.3	92.4	1.0	0.6	8.2
N297	91.8	94.7	3.3	2.4	2.4
N307	97.0	95.8	1.7	0.4	0.9
N319	94.5	82.4	2.7	0.2	2.7
N321	94.4	94.1	0.9	0.3	4.4
N341	95.8	92.8	0.4	0.2	3.5
N343	91.3	87.1	1.3	0.3	7.2
N344	90.2	87.5	2.0	0.9	6.8
N345	75.9	82.9	6.1	3.2	14.8
N365	96.8	97.5	1.4	0.1	1.7
N381	77.9	80.7	5.4	1.6	15.1
N390	94.7	92.1	0.7	0.5	4.0
N453	89.3	89.9	2.1	0.3	8.4
N472	96.5	90.2	0.3	0.1	3.1
N474	92.2	93.9	2.4	1.5	3.9

Quality of Service Indicators for Low Frequency (Timetabled) Night Routes

Quarter 1 2018-19

01 April 2018 to 22 June 2018

Probability of Departure (%)

Route	% On Time	Q1 2017-18 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N486	91.9	91.7	1.1	0.9	6.1
N550	83.0	82.7	2.8	0.4	13.8
N551	84.5	83.5	2.9	0.4	12.3
NC2	96.5	90.4	1.6	1.0	0.9
NE1	98.7	98.1	1.0	0.1	0.2
NEL1	94.4	97.2	2.7	0.4	2.5
NH32	96.6	92.7	1.3	0.0	2.0
NH37	96.5	96.2	1.4	0.7	1.4
NW3	88.7	97.9	2.9	2.8	5.5
NW7	97.3	96.2	2.1	0.1	0.4
All	89.9	89.3	1.8	0.6	7.7