

QSI Performance Results

Route Results for London Bus Services

Fourth Quarter 2017/18

06 January 2018 to 31 March 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) **Q4 2016/17 (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) **Q4 2016/17 (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 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
1	5.2	0.9	0.7	6.1	1.2	82.6	16.1	1.1	0.2	1.1
2	4.1	0.6	0.9	4.7	1.2	92.2	7.6	0.2	0.0	0.7
3	4.6	0.9	1.0	5.5	1.2	86.3	13.0	0.7	0.1	1.2
4	6.1	1.0	1.4	7.1	1.2	74.5	23.0	2.2	0.3	0.8
5	3.8	1.0	1.2	4.8	1.3	90.5	9.1	0.3	0.0	2.0
6	4.1	0.8	0.8	4.9	1.2	90.7	8.8	0.4	0.1	1.5
7	4.5	0.6	0.7	5.0	1.1	90.3	9.5	0.2	0.0	0.6
8	3.6	0.8	1.4	4.3	1.2	93.3	6.4	0.2	0.0	1.7
9	3.9	1.0	1.1	5.0	1.3	89.7	9.5	0.6	0.1	2.0
10	4.7	1.1	1.4	5.8	1.2	84.4	14.4	1.0	0.1	1.6
11	5.2	0.8	1.0	6.0	1.2	83.0	16.0	0.9	0.2	1.0
12	2.9	0.7	0.8	3.6	1.2	97.1	2.8	0.1	0.0	1.5
13	3.6	1.4	0.8	5.1	1.4	87.5	11.4	1.0	0.1	4.7
14	4.4	1.0	1.1	5.3	1.2	87.0	12.3	0.7	0.1	1.6
15	4.1	0.8	1.3	4.9	1.2	90.7	8.9	0.4	0.0	1.2
16	3.5	0.7	0.7	4.3	1.2	93.8	5.8	0.3	0.1	1.6
17	5.0	0.7	1.1	5.7	1.1	84.8	14.5	0.6	0.1	0.6
18	2.5	1.5	1.5	4.0	1.6	92.6	6.7	0.6	0.1	5.7
19	4.1	0.8	1.0	4.9	1.2	91.1	8.6	0.3	0.1	1.0
21	4.2	0.9	1.5	5.1	1.2	88.5	10.9	0.6	0.1	1.5
22	4.3	0.9	0.9	5.2	1.2	88.1	11.2	0.6	0.1	1.5
23	4.2	0.9	1.3	5.1	1.2	88.8	10.6	0.5	0.1	1.3
24	4.2	1.0	1.1	5.2	1.2	88.5	10.7	0.7	0.1	1.8
25	2.7	1.2	1.3	3.9	1.4	94.0	5.7	0.3	0.0	2.5
26	5.3	0.9	1.3	6.2	1.2	81.3	17.5	1.0	0.2	0.9
27	4.4	1.5	1.3	5.9	1.4	82.0	16.1	1.5	0.3	3.5
28	5.1	1.3	1.5	6.4	1.3	79.9	17.9	1.8	0.4	2.2
29	2.9	0.9	0.9	3.8	1.3	95.8	4.1	0.1	0.0	2.2
30	4.7	1.5	1.5	6.2	1.3	79.8	18.3	1.7	0.2	2.7
31	3.9	1.3	1.2	5.2	1.3	87.5	11.5	0.8	0.2	2.9
32	4.5	0.8	0.7	5.2	1.2	88.5	10.9	0.5	0.1	1.1
33	4.9	1.3	1.3	6.3	1.3	80.0	17.8	1.9	0.3	3.0
34	4.4	1.0	1.1	5.3	1.2	87.1	12.0	0.8	0.1	1.9
35	5.5	0.9	1.2	6.4	1.2	79.2	19.5	1.2	0.1	0.8
36	3.6	1.0	1.0	4.6	1.3	90.4	9.1	0.4	0.0	2.5
37	5.3	1.0	1.3	6.4	1.2	79.6	18.8	1.5	0.1	1.1
38	2.1	0.9	0.8	3.0	1.4	97.9	2.0	0.1	0.0	1.6
39	4.5	0.6	0.8	5.1	1.1	89.5	10.2	0.3	0.0	0.6
40	4.9	0.8	1.0	5.7	1.2	84.7	14.4	0.8	0.1	1.2
41	3.4	0.7	0.7	4.2	1.2	94.2	5.5	0.2	0.0	1.7
42	6.8	0.9	1.0	7.6	1.1	70.1	27.0	2.5	0.3	0.6

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
43	4.1	1.0	1.5	5.1	1.2	88.7	10.6	0.6	0.1	1.5
44	5.2	1.1	1.2	6.2	1.2	80.5	17.9	1.4	0.1	1.5
45	5.5	0.9	1.1	6.4	1.2	79.4	19.2	1.2	0.1	0.7
46	5.7	1.4	1.2	7.0	1.2	74.8	22.5	2.5	0.3	1.8
47	6.6	1.0	1.4	7.6	1.2	71.2	24.9	3.2	0.7	1.3
48	5.2	0.9	1.2	6.1	1.2	81.8	17.0	1.0	0.2	1.0
49	4.7	1.1	1.1	5.9	1.2	83.3	15.3	1.1	0.3	2.0
50	6.8	0.6	0.8	7.4	1.1	71.8	25.8	2.2	0.2	0.4
51	5.5	1.1	1.0	6.5	1.2	78.9	19.3	1.6	0.2	1.4
52	3.7	0.7	0.8	4.5	1.2	92.8	6.8	0.3	0.1	1.5
53	4.0	0.8	1.0	4.8	1.2	90.6	9.0	0.3	0.0	1.3
54	5.6	0.8	1.2	6.3	1.1	79.9	19.1	0.9	0.1	0.7
55	3.6	1.1	1.0	4.7	1.3	90.5	8.9	0.6	0.1	2.8
56	3.7	1.2	1.0	4.9	1.3	89.6	9.7	0.6	0.1	3.1
57	4.6	1.2	1.1	5.7	1.3	83.9	15.0	1.1	0.1	2.1
58	6.3	0.9	0.9	7.2	1.1	73.4	24.4	1.9	0.3	0.8
59	3.8	0.6	1.0	4.4	1.2	92.8	7.0	0.2	0.0	1.1
60	6.9	0.8	0.8	7.7	1.1	68.8	28.6	2.4	0.2	0.4
62	5.7	0.8	0.8	6.5	1.1	79.4	18.7	1.6	0.3	1.1
63	4.0	0.9	2.0	4.9	1.2	90.3	9.3	0.3	0.0	1.4
65	3.6	0.9	1.4	4.6	1.3	91.9	7.5	0.5	0.1	2.4
66	6.9	0.7	1.2	7.5	1.1	71.4	25.7	2.5	0.3	0.5
67	5.4	0.5	0.7	5.9	1.1	84.2	15.4	0.3	0.1	0.3
68	4.4	0.6	0.9	5.1	1.1	90.0	9.7	0.3	0.0	0.7
69	4.4	1.5	1.1	5.9	1.3	82.4	15.7	1.6	0.2	3.0
70	5.9	1.6	1.9	7.4	1.3	73.0	22.9	3.3	0.8	2.9
71	4.7	0.6	0.5	5.3	1.1	89.2	10.4	0.4	0.0	0.6
72	4.6	1.5	1.2	6.1	1.3	82.1	15.2	2.1	0.6	3.7
73	2.7	0.8	0.9	3.5	1.3	96.8	3.0	0.1	0.0	1.9
74	5.2	0.7	1.1	5.9	1.1	83.9	15.4	0.7	0.1	0.6
75	6.7	1.1	1.3	7.8	1.2	68.5	28.0	2.9	0.5	0.9
76	4.4	0.9	1.2	5.3	1.2	87.5	11.9	0.5	0.1	1.3
77	5.2	1.0	1.0	6.3	1.2	80.7	17.9	1.2	0.1	1.2
78	4.9	0.7	1.0	5.6	1.2	86.2	13.3	0.4	0.0	0.6
79	6.3	0.9	0.9	7.1	1.1	73.7	24.3	1.7	0.2	0.8
80	4.7	0.7	0.6	5.5	1.2	86.1	13.5	0.4	0.0	1.0
81	6.6	0.7	1.1	7.3	1.1	73.0	24.3	2.4	0.3	0.6
83	4.4	0.7	0.7	5.1	1.2	90.1	9.5	0.4	0.1	0.8
85	4.3	0.6	0.8	4.9	1.1	91.7	8.0	0.3	0.0	0.8
86	3.4	1.1	0.9	4.6	1.3	91.0	8.4	0.5	0.1	3.5
87	3.8	1.0	1.0	4.8	1.3	89.9	9.6	0.4	0.0	2.3

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
88	4.5	0.6	0.9	5.1	1.1	89.8	9.9	0.3	0.0	0.7
89	6.8	0.8	1.2	7.6	1.1	70.3	26.8	2.6	0.3	0.7
90	5.9	1.3	1.1	7.1	1.2	74.1	23.1	2.6	0.3	1.5
91	4.2	1.0	1.1	5.2	1.2	88.6	10.7	0.6	0.1	1.7
92	4.7	1.1	0.9	5.8	1.2	84.6	14.0	1.1	0.3	1.9
93	3.8	0.8	1.0	4.6	1.2	92.3	7.5	0.2	0.0	1.5
94	3.0	1.2	0.8	4.2	1.4	92.8	6.6	0.5	0.1	3.9
95	6.9	1.0	1.1	7.9	1.1	69.4	26.5	3.4	0.7	1.2
96	4.6	1.1	1.1	5.7	1.2	84.7	13.9	1.2	0.2	2.2
97	4.7	1.2	1.1	5.9	1.3	82.9	15.4	1.5	0.2	2.3
98	4.2	0.8	0.9	5.0	1.2	89.8	9.6	0.5	0.1	1.3
99	6.4	0.8	0.7	7.2	1.1	73.2	24.7	1.9	0.3	0.7
100	6.3	0.7	1.4	7.0	1.1	74.5	23.9	1.3	0.3	0.7
101	6.3	0.6	0.8	6.9	1.1	75.2	23.7	1.1	0.1	0.3
102	4.4	1.1	1.2	5.5	1.2	86.1	13.3	0.6	0.1	1.6
103	6.2	0.8	0.8	6.9	1.1	76.6	21.0	2.2	0.2	0.9
104	5.5	0.9	1.3	6.4	1.2	80.0	18.2	1.6	0.2	1.0
105	6.3	1.0	1.1	7.3	1.2	72.7	24.8	2.1	0.4	1.0
106	5.1	0.8	1.0	5.9	1.1	84.7	14.5	0.7	0.1	0.8
108	5.7	1.1	1.8	6.8	1.2	76.9	20.8	1.9	0.4	1.5
109	3.5	1.2	1.1	4.7	1.4	89.6	9.8	0.6	0.0	3.7
111	5.1	1.0	1.0	6.2	1.2	81.3	17.2	1.4	0.2	1.5
112	6.7	0.8	0.8	7.6	1.1	71.1	26.0	2.5	0.5	1.0
113	4.0	0.9	1.1	5.0	1.2	88.9	10.4	0.6	0.1	2.1
114	5.4	0.9	0.7	6.3	1.2	81.6	17.0	1.2	0.2	1.0
115	4.3	0.9	1.2	5.2	1.2	88.7	10.7	0.5	0.1	1.2
116	6.8	0.6	0.5	7.4	1.1	72.2	25.3	2.1	0.4	0.8
118	6.9	1.1	1.2	7.9	1.2	67.9	27.9	3.7	0.5	0.7
119	6.3	0.8	0.7	7.1	1.1	73.8	24.2	1.7	0.3	0.7
120	5.7	1.0	1.1	6.7	1.2	78.2	19.6	1.9	0.2	1.3
121	5.5	1.1	1.1	6.7	1.2	77.7	20.2	1.8	0.3	1.7
122	6.5	1.0	1.1	7.6	1.2	70.4	26.6	2.7	0.3	0.9
123	5.8	0.9	1.0	6.7	1.2	76.9	21.7	1.3	0.1	0.7
124	5.6	1.2	1.3	6.8	1.2	77.0	20.8	1.9	0.3	1.6
125	5.6	0.7	0.5	6.2	1.1	81.6	17.5	0.9	0.1	0.6
126	6.2	0.8	0.7	7.0	1.1	76.0	20.9	2.3	0.7	1.5
127	7.0	0.8	0.7	7.8	1.1	69.9	26.4	3.2	0.4	1.0
128	6.8	1.2	1.0	7.9	1.2	68.3	27.5	3.7	0.5	1.1
129	6.1	0.6	0.7	6.7	1.1	77.8	20.4	1.5	0.3	0.9
131	4.6	0.9	1.0	5.5	1.2	86.3	13.0	0.6	0.0	1.4
132	5.7	1.1	1.2	6.8	1.2	76.8	20.8	2.2	0.3	1.7

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

Quarter 4 2017/18

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Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
133	3.8	0.6	1.0	4.4	1.2	93.0	6.7	0.2	0.1	1.0
134	3.3	0.7	0.9	4.0	1.2	95.3	4.6	0.1	0.0	1.5
135	5.5	0.9	1.1	6.4	1.2	79.8	18.6	1.3	0.2	1.0
136	5.5	1.1	1.0	6.6	1.2	78.0	20.2	1.5	0.2	1.4
137	3.5	0.5	0.8	4.0	1.1	96.1	3.8	0.1	0.0	0.5
139	4.3	1.0	0.9	5.3	1.2	87.1	11.9	0.8	0.1	2.0
140	3.7	1.2	1.1	4.9	1.3	89.0	10.2	0.7	0.1	3.3
141	3.9	0.8	1.2	4.7	1.2	91.2	8.5	0.3	0.0	1.3
142	6.7	1.0	1.1	7.7	1.2	70.2	25.6	3.6	0.6	0.9
143	6.3	0.7	0.8	7.0	1.1	74.5	24.0	1.4	0.1	0.5
144	4.3	0.9	0.9	5.1	1.2	89.0	10.6	0.4	0.0	1.1
145	6.5	1.1	1.0	7.6	1.2	71.0	25.9	2.8	0.4	1.0
147	4.3	0.8	1.0	5.1	1.2	89.1	10.4	0.5	0.0	1.4
148	4.2	0.9	1.1	5.1	1.2	89.1	10.4	0.4	0.1	1.4
149	3.5	0.7	1.0	4.3	1.2	94.0	5.8	0.2	0.0	1.2
150	6.8	0.8	0.9	7.6	1.1	70.6	26.4	2.7	0.3	0.6
151	6.0	0.9	0.7	6.9	1.2	76.4	21.3	2.1	0.2	1.1
152	6.9	0.7	0.9	7.6	1.1	71.2	26.1	2.5	0.2	0.5
153	6.4	0.8	1.2	7.2	1.1	73.5	24.4	1.9	0.2	0.4
154	6.4	1.0	1.0	7.5	1.2	71.6	25.6	2.6	0.3	0.8
155	4.6	0.6	0.6	5.2	1.1	89.4	10.5	0.2	0.0	0.4
156	5.3	0.8	1.2	6.1	1.2	82.3	16.9	0.8	0.1	0.7
157	6.5	1.0	1.0	7.5	1.2	71.4	25.2	2.8	0.5	1.2
158	4.8	1.4	0.9	6.2	1.3	80.5	16.9	2.0	0.5	2.9
159	3.5	0.9	0.9	4.4	1.2	91.7	7.8	0.4	0.1	2.1
161	5.4	1.3	1.2	6.7	1.2	78.0	19.4	2.2	0.4	2.1
163	5.3	0.6	0.9	5.9	1.1	84.6	14.8	0.5	0.0	0.5
164	5.6	0.8	0.9	6.4	1.1	79.5	19.4	1.1	0.1	0.7
165	6.7	1.0	1.2	7.7	1.1	69.3	27.4	3.0	0.3	0.8
168	4.2	0.8	0.8	5.0	1.2	90.1	9.4	0.4	0.1	1.1
169	6.1	0.7	0.8	6.8	1.1	77.1	20.7	1.8	0.3	0.9
170	4.7	1.0	1.0	5.7	1.2	84.5	14.6	0.8	0.1	1.3
171	4.7	1.0	1.0	5.7	1.2	84.9	14.0	1.0	0.1	1.3
172	5.6	0.9	1.0	6.5	1.2	79.7	18.9	1.3	0.2	0.8
173	5.7	1.4	1.4	7.1	1.3	74.4	22.3	2.6	0.6	2.5
174	4.6	1.3	1.5	5.9	1.3	82.0	16.4	1.4	0.2	3.1
175	6.9	1.1	0.9	8.0	1.2	67.5	27.9	3.8	0.7	1.3
176	5.2	0.7	1.1	5.9	1.1	84.3	15.1	0.5	0.1	0.5
177	5.2	0.9	0.9	6.2	1.2	81.6	17.1	1.1	0.2	1.1
179	6.9	1.0	1.0	7.8	1.1	68.9	27.5	3.2	0.4	0.9
180	5.7	1.4	1.3	7.1	1.3	74.6	22.3	2.6	0.4	2.0

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
181	6.5	1.4	1.2	7.9	1.2	69.2	26.0	3.8	0.9	2.0
182	4.5	1.1	0.9	5.5	1.2	86.3	12.7	0.9	0.1	2.0
183	4.4	1.2	0.8	5.6	1.3	85.5	13.0	1.3	0.2	2.8
184	4.8	1.0	1.3	5.9	1.2	84.1	14.9	0.9	0.1	1.4
185	4.5	0.9	1.1	5.5	1.2	86.6	12.7	0.6	0.1	1.3
186	6.9	1.0	0.8	7.8	1.1	69.1	27.1	3.3	0.4	1.0
187	6.5	1.0	0.9	7.5	1.1	71.1	25.9	2.5	0.5	1.2
188	4.5	1.2	1.1	5.7	1.3	84.5	14.2	1.1	0.3	2.3
189	4.5	0.6	0.8	5.2	1.1	89.6	10.0	0.3	0.0	0.8
191	5.9	1.2	1.7	7.1	1.2	74.4	22.4	2.7	0.5	2.1
192	5.5	1.0	1.0	6.6	1.2	78.5	19.6	1.6	0.3	1.5
193	5.9	0.6	0.8	6.4	1.1	80.6	17.4	1.8	0.1	0.6
194	6.6	0.7	1.4	7.3	1.1	72.6	25.3	2.0	0.2	0.4
195	6.7	1.0	1.2	7.7	1.1	69.9	26.4	3.1	0.6	1.1
196	6.8	0.9	0.9	7.7	1.1	69.8	26.8	3.0	0.4	0.7
197	6.6	0.6	1.1	7.2	1.1	72.8	25.3	1.8	0.2	0.4
198	6.4	0.7	0.5	7.1	1.1	74.3	23.2	2.1	0.3	0.7
199	6.4	0.7	0.8	7.1	1.1	74.2	24.2	1.4	0.2	0.5
200	5.2	0.6	0.8	5.8	1.1	85.0	14.4	0.5	0.0	0.5
202	5.5	1.1	1.2	6.7	1.2	77.7	20.0	1.9	0.4	1.8
204	5.6	0.8	0.7	6.4	1.1	80.3	18.4	1.1	0.2	0.9
205	4.4	1.1	1.6	5.5	1.3	85.5	13.3	1.0	0.2	2.3
206	6.9	1.0	1.2	7.9	1.1	69.0	26.8	3.6	0.6	1.3
207	3.3	1.1	0.9	4.4	1.3	92.4	7.2	0.3	0.0	2.9
208	6.4	0.8	1.1	7.2	1.1	73.3	25.0	1.5	0.1	0.5
209	3.4	0.7	1.1	4.1	1.2	94.3	5.4	0.2	0.1	1.6
210	5.2	0.8	0.7	6.0	1.1	83.0	16.2	0.7	0.1	0.6
211	5.4	0.8	0.9	6.2	1.1	81.6	17.2	1.1	0.2	0.9
212	5.7	0.9	1.0	6.5	1.2	79.0	19.3	1.5	0.2	1.0
213	4.9	0.8	0.9	5.7	1.2	85.2	14.0	0.7	0.1	1.1
214	4.3	1.0	1.0	5.3	1.2	87.2	12.2	0.6	0.1	1.6
217	7.1	1.1	1.1	8.1	1.1	67.0	28.5	3.9	0.6	1.2
219	6.7	1.0	0.9	7.7	1.1	70.1	26.7	2.8	0.3	1.0
220	4.3	1.7	1.2	6.0	1.4	81.8	16.0	1.9	0.3	4.8
221	4.4	1.0	1.1	5.5	1.2	85.2	13.9	0.7	0.1	1.9
222	5.4	0.7	0.9	6.0	1.1	83.7	15.4	0.8	0.1	0.5
226	6.7	1.1	0.9	7.8	1.2	69.3	26.7	3.4	0.6	1.4
227	4.6	0.9	0.9	5.4	1.2	87.0	12.2	0.7	0.1	1.4
228	7.3	1.4	1.4	8.7	1.2	63.6	30.0	4.9	1.5	1.9
229	5.6	1.1	1.2	6.7	1.2	77.1	20.8	1.8	0.3	1.6
234	6.9	0.9	1.1	7.7	1.1	69.5	27.2	2.9	0.3	0.8

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
235	4.6	1.2	1.4	5.8	1.3	83.7	15.0	1.2	0.2	2.4
236	4.9	1.0	1.2	5.9	1.2	83.0	15.7	1.1	0.2	1.5
237	4.9	1.3	1.2	6.2	1.3	80.6	17.8	1.4	0.1	1.7
238	5.6	0.7	1.2	6.2	1.1	81.4	17.7	0.8	0.1	0.5
240	7.0	0.6	0.5	7.6	1.1	71.0	26.0	2.7	0.3	0.7
241	6.3	0.7	0.7	7.1	1.1	75.1	22.5	2.1	0.3	0.8
242	4.0	1.2	1.4	5.2	1.3	88.1	11.0	0.7	0.2	2.3
243	4.0	0.8	1.0	4.7	1.2	91.3	8.6	0.2	0.0	1.1
244	5.7	0.9	1.0	6.7	1.2	77.8	20.6	1.5	0.1	0.9
245	4.5	0.7	0.8	5.3	1.2	88.1	11.4	0.5	0.0	1.0
247	6.2	1.0	0.9	7.3	1.2	73.7	23.3	2.7	0.3	1.3
248	4.9	0.7	0.8	5.6	1.1	85.5	13.8	0.6	0.1	1.2
249	6.2	0.6	1.2	6.8	1.1	75.8	23.1	1.0	0.1	0.4
250	4.2	0.9	1.1	5.1	1.2	88.5	10.9	0.5	0.1	1.6
251	6.5	0.8	0.8	7.4	1.1	73.0	24.0	2.7	0.4	1.0
252	5.9	1.0	1.1	6.9	1.2	76.3	21.0	2.5	0.3	1.4
253	3.2	0.9	0.9	4.1	1.3	94.7	5.1	0.2	0.0	2.0
254	3.2	1.0	1.0	4.2	1.3	94.2	5.6	0.2	0.0	2.0
255	7.0	0.8	0.7	7.7	1.1	69.8	26.9	2.8	0.5	0.7
256	6.2	0.5	0.6	6.8	1.1	77.7	20.5	1.6	0.2	0.3
257	4.3	0.8	1.1	5.1	1.2	89.2	10.3	0.5	0.1	1.3
259	4.1	0.7	1.1	4.8	1.2	91.6	8.2	0.2	0.0	0.8
260	6.8	1.2	0.9	8.0	1.2	67.3	28.7	3.5	0.5	0.9
261	6.6	1.5	1.4	8.1	1.2	67.5	27.0	4.3	1.2	2.2
262	5.5	1.0	1.1	6.5	1.2	79.0	19.0	1.6	0.4	1.4
263	5.3	0.8	0.8	6.0	1.1	83.6	15.4	0.9	0.1	0.8
264	6.0	0.9	0.8	6.8	1.1	76.0	22.1	1.6	0.3	1.0
265	6.5	1.0	0.8	7.5	1.2	72.0	25.0	2.5	0.5	1.1
266	4.6	1.3	1.5	5.9	1.3	82.7	15.4	1.6	0.3	3.0
267	5.8	1.0	1.0	6.8	1.2	77.2	20.5	1.9	0.4	1.2
268	6.2	0.5	0.5	6.8	1.1	77.2	21.8	0.9	0.1	0.3
269	6.6	0.9	1.3	7.5	1.1	71.0	26.0	2.4	0.5	1.0
270	5.3	0.8	0.9	6.1	1.1	82.6	16.5	0.8	0.1	0.7
271	5.2	0.7	0.8	5.9	1.1	84.0	14.8	1.0	0.2	0.8
274	4.4	1.4	1.3	5.8	1.3	83.4	15.1	1.3	0.1	2.7
275	6.9	1.0	1.1	7.9	1.1	69.0	27.2	3.3	0.5	0.9
276	6.5	1.0	1.1	7.4	1.1	71.5	25.4	2.6	0.4	1.0
277	3.7	0.9	1.1	4.6	1.2	91.8	7.8	0.4	0.0	1.6
279	3.6	1.0	1.0	4.7	1.3	91.0	8.5	0.4	0.1	2.6
280	5.7	0.8	0.6	6.4	1.1	80.1	18.6	1.2	0.1	0.6
281	5.2	1.0	1.0	6.2	1.2	82.3	16.4	1.2	0.1	1.2

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
281R	5.2	1.1	1.4	6.2	1.2	80.5	17.5	1.6	0.4	1.5
282	6.7	1.0	1.2	7.7	1.1	69.6	27.4	2.6	0.4	0.9
283	4.6	1.3	0.7	5.9	1.3	83.6	14.8	1.4	0.3	2.6
284	6.5	1.7	1.2	8.1	1.3	68.1	26.0	4.6	1.3	3.3
285	6.2	1.0	0.8	7.2	1.2	73.7	23.8	2.1	0.4	1.0
286	5.7	1.1	1.1	6.9	1.2	76.6	21.0	2.1	0.4	1.7
288	5.9	0.7	0.7	6.6	1.1	78.7	19.8	1.3	0.2	0.6
291	5.6	0.8	0.8	6.4	1.1	80.2	18.4	1.2	0.2	0.8
294	7.1	0.7	0.9	7.8	1.1	68.6	28.7	2.4	0.2	0.4
295	4.4	1.0	1.0	5.4	1.2	86.9	12.0	0.9	0.2	2.1
297	5.8	1.0	1.3	6.8	1.2	77.1	20.7	1.8	0.4	1.3
302	5.1	1.0	1.2	6.0	1.2	82.8	16.0	1.1	0.2	1.4
307	6.1	1.0	1.0	7.1	1.2	74.6	22.1	2.8	0.5	1.5
308	6.9	1.1	1.2	7.9	1.2	69.0	26.4	3.9	0.8	1.2
309	6.7	0.9	0.9	7.5	1.1	71.4	25.6	2.6	0.5	0.8
312	6.7	0.6	0.9	7.2	1.1	73.1	25.0	1.6	0.2	0.3
316	5.0	0.9	0.9	5.9	1.2	83.8	15.2	0.8	0.2	1.2
319	4.8	0.9	0.8	5.7	1.2	84.7	14.3	0.8	0.2	1.3
320	6.8	1.1	0.9	7.9	1.2	69.1	26.7	3.7	0.6	1.3
321	5.3	1.0	1.3	6.3	1.2	80.7	18.0	1.2	0.1	1.1
322	6.6	1.3	1.2	7.9	1.2	68.3	27.8	3.4	0.5	1.3
325	6.9	1.0	0.9	7.9	1.1	68.8	27.2	3.4	0.5	1.0
326	6.3	0.9	1.2	7.2	1.1	73.4	24.1	2.1	0.3	0.9
328	4.2	1.1	1.6	5.3	1.3	87.3	11.8	0.8	0.1	2.2
329	3.9	0.7	0.8	4.7	1.2	92.8	7.0	0.2	0.0	0.9
330	6.9	0.8	0.8	7.7	1.1	70.4	25.9	3.1	0.7	0.8
332	5.4	0.7	0.6	6.1	1.1	82.8	16.4	0.7	0.1	0.7
333	5.2	0.7	0.9	5.9	1.1	84.2	15.2	0.5	0.1	0.6
337	6.3	1.1	0.7	7.3	1.2	72.9	24.0	2.5	0.7	1.5
340	6.3	0.7	0.6	7.1	1.1	74.3	24.1	1.4	0.2	0.4
341	5.2	0.7	0.9	5.9	1.1	84.0	15.5	0.5	0.0	0.4
343	4.2	0.8	0.9	5.0	1.2	90.4	9.2	0.4	0.1	1.1
344	4.0	1.1	1.3	5.1	1.3	88.4	10.9	0.7	0.1	2.1
345	4.6	1.2	1.0	5.8	1.3	83.8	15.0	1.0	0.1	1.7
349	5.1	0.8	0.8	6.0	1.2	83.2	15.7	0.8	0.4	1.2
355	6.3	0.5	0.8	6.8	1.1	76.3	22.6	0.9	0.1	0.4
358	6.6	1.1	1.1	7.8	1.2	69.3	26.5	3.6	0.6	1.4
360	6.7	0.9	1.0	7.6	1.1	70.3	26.8	2.5	0.3	0.7
363	5.2	0.7	1.3	5.9	1.1	83.7	15.8	0.5	0.1	0.5
364	5.6	1.1	1.0	6.7	1.2	77.4	20.5	1.9	0.2	1.5
365	6.7	0.8	0.8	7.5	1.1	70.6	26.8	2.4	0.2	0.6

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
366	5.7	1.1	1.4	6.8	1.2	77.3	20.3	2.0	0.3	1.6
368	6.5	0.7	1.0	7.2	1.1	74.8	22.8	2.2	0.3	0.6
371	5.4	0.7	0.8	6.1	1.1	82.3	17.0	0.6	0.1	0.5
380	6.3	1.0	1.2	7.3	1.2	72.6	25.0	2.2	0.3	1.0
381	5.6	0.9	1.0	6.5	1.2	79.2	19.2	1.4	0.2	1.0
388	5.2	1.4	1.4	6.6	1.3	78.0	19.8	1.9	0.3	1.9
390	3.4	0.9	1.2	4.3	1.3	92.8	6.8	0.3	0.0	2.3
391	6.4	1.2	1.0	7.5	1.2	71.7	24.6	2.8	0.9	1.7
393	6.4	1.2	1.1	7.6	1.2	70.3	26.6	2.9	0.3	0.8
394	7.0	0.9	1.0	7.9	1.1	68.7	27.8	3.1	0.5	0.7
403	6.7	0.6	0.8	7.3	1.1	72.4	25.6	1.8	0.2	0.4
407	7.0	1.0	1.0	7.9	1.1	67.9	28.4	3.3	0.4	0.8
410	5.2	0.8	1.2	6.1	1.2	82.4	16.5	1.0	0.2	1.0
414	4.4	0.8	0.8	5.2	1.2	88.1	11.4	0.4	0.0	1.1
415	6.8	0.4	0.6	7.2	1.1	72.7	25.6	1.5	0.1	0.1
417	5.4	0.8	1.2	6.2	1.1	81.5	17.3	1.0	0.2	1.0
422	5.4	1.1	1.2	6.5	1.2	79.5	18.6	1.6	0.3	1.5
425	6.6	1.0	0.9	7.6	1.2	70.0	26.5	2.8	0.6	1.3
427	4.4	1.1	1.2	5.5	1.2	86.3	12.6	1.0	0.1	2.3
430	5.2	1.0	0.9	6.1	1.2	82.2	16.4	1.1	0.2	1.3
432	6.2	0.8	1.2	7.0	1.1	74.8	23.4	1.6	0.3	0.8
436	4.3	0.7	1.0	5.0	1.2	89.9	9.9	0.3	0.0	0.7
444	6.8	0.8	1.0	7.6	1.1	70.0	27.0	2.7	0.3	0.6
450	5.0	0.8	1.0	5.8	1.2	84.1	14.8	0.9	0.2	1.2
452	4.8	1.2	1.6	6.0	1.2	82.3	16.4	1.2	0.1	1.8
453	3.5	1.0	0.8	4.5	1.3	91.2	8.1	0.6	0.1	2.6
460	6.4	1.1	0.8	7.5	1.2	70.9	26.1	2.6	0.4	1.0
466	5.4	0.7	0.7	6.1	1.1	82.2	17.1	0.6	0.0	0.6
468	4.2	1.0	1.4	5.3	1.2	87.1	12.2	0.6	0.1	1.7
472	3.6	0.9	0.9	4.5	1.3	92.3	7.3	0.3	0.1	2.1
473	5.5	0.9	0.9	6.4	1.2	79.9	18.5	1.3	0.3	1.2
474	6.3	0.9	0.9	7.3	1.1	72.8	25.0	1.9	0.3	0.8
476	4.5	0.7	0.9	5.2	1.2	89.0	10.7	0.3	0.0	0.7
483	5.2	0.8	0.7	6.0	1.2	83.6	15.4	0.9	0.1	0.9
484	6.3	0.8	1.5	7.1	1.1	73.3	25.0	1.6	0.1	0.5
486	4.6	1.3	1.4	5.9	1.3	82.2	16.2	1.4	0.2	2.8
487	6.8	0.7	0.6	7.5	1.1	71.7	25.7	2.4	0.2	0.6
490	6.8	1.2	0.8	7.9	1.2	68.5	26.8	4.0	0.8	1.3
493	6.9	1.1	0.9	8.0	1.2	68.0	27.7	3.6	0.7	1.2
507	3.8	0.4	0.7	4.2	1.1	92.2	7.5	0.2	0.1	0.5
521	3.4	0.5	1.0	3.9	1.1	92.7	7.1	0.2	0.0	0.5

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Route	Waiting Times (mins)					Probability of Waiting (%)				
	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
607	5.7	1.1	0.9	6.8	1.2	76.6	21.1	2.0	0.3	1.4
C1	6.6	1.0	1.1	7.6	1.2	70.5	26.4	2.7	0.4	0.9
C2	4.2	0.8	0.9	5.0	1.2	90.3	9.2	0.4	0.0	1.5
C3	5.5	0.8	1.0	6.3	1.1	80.7	18.2	1.0	0.1	0.9
C10	4.9	0.9	1.0	5.8	1.2	84.2	14.9	0.8	0.1	1.1
C11	5.8	0.7	0.8	6.5	1.1	79.9	18.7	1.3	0.1	0.8
D3	5.9	1.0	1.0	6.9	1.2	76.4	20.8	2.3	0.5	1.5
D6	4.8	0.8	0.8	5.6	1.2	85.1	13.9	0.9	0.1	1.3
D7	4.1	0.9	0.9	4.9	1.2	89.7	9.8	0.4	0.1	1.8
D8	6.8	0.6	0.5	7.3	1.1	72.5	25.5	1.8	0.2	0.4
E1	5.0	0.5	0.7	5.6	1.1	86.8	12.8	0.4	0.0	0.5
E2	4.1	1.1	1.4	5.2	1.3	88.4	10.8	0.7	0.1	2.1
E3	4.1	1.4	1.4	5.5	1.3	85.8	13.1	1.0	0.2	3.1
E5	6.8	0.7	0.7	7.5	1.1	71.5	25.6	2.4	0.5	0.9
E6	6.4	0.9	1.5	7.3	1.1	72.7	25.1	1.8	0.4	0.9
E7	6.8	1.2	1.0	8.0	1.2	68.6	26.6	3.9	0.9	1.6
E8	4.4	1.0	1.4	5.4	1.2	86.8	12.5	0.7	0.1	1.7
E9	6.7	1.0	1.0	7.7	1.1	70.1	26.3	3.0	0.6	1.1
EL1	3.5	0.6	0.7	4.1	1.2	95.5	4.4	0.2	0.0	1.0
EL2	5.0	0.6	0.6	5.6	1.1	86.1	13.0	0.7	0.2	0.7
EL3	6.4	0.5	0.5	6.9	1.1	77.7	19.9	2.2	0.2	0.6
H2	6.3	0.9	0.6	7.2	1.1	74.2	23.7	1.8	0.2	0.8
H9	5.8	1.3	0.9	7.2	1.2	75.1	21.5	2.9	0.5	2.0
H10	6.0	1.4	0.8	7.4	1.2	74.5	21.4	3.4	0.8	2.3
H12	5.7	1.0	0.7	6.7	1.2	77.9	20.3	1.6	0.2	1.4
H14	5.2	0.8	0.4	5.9	1.1	83.6	15.1	1.1	0.2	1.5
H20	7.0	0.4	0.5	7.4	1.1	72.0	25.8	1.9	0.3	0.4
H22	6.8	0.8	1.1	7.6	1.1	70.5	26.5	2.6	0.4	0.7
H25	7.1	0.9	0.7	8.0	1.1	67.6	28.8	3.2	0.4	0.8
H32	5.7	0.7	0.9	6.4	1.1	81.0	17.5	1.2	0.3	0.9
H37	3.7	0.8	1.3	4.4	1.2	92.6	6.9	0.4	0.1	2.0
H91	5.7	1.0	0.9	6.6	1.2	78.5	19.2	1.8	0.4	1.5
H98	5.6	0.7	0.8	6.3	1.1	80.9	17.9	1.0	0.1	0.8
K1	6.9	0.8	0.7	7.7	1.1	70.4	26.7	2.6	0.3	0.8
K2	6.0	0.9	0.8	6.9	1.1	76.5	21.5	1.8	0.2	0.9
P4	6.3	1.1	1.5	7.4	1.2	72.1	25.2	2.4	0.3	1.0
P12	6.3	0.9	1.0	7.2	1.1	73.5	24.4	1.8	0.3	0.8
R9	7.6	0.6	0.5	8.2	1.1	68.8	24.3	6.3	0.6	0.7
R11	6.6	0.6	n/a	7.2	1.1	73.3	24.8	1.7	0.3	0.6
R70	5.8	0.6	0.8	6.4	1.1	80.5	18.2	1.3	0.1	0.6
RV1	6.2	0.6	0.7	6.7	1.1	77.7	21.2	1.1	0.1	0.3

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Waiting Times (mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (EWT)	Average Waiting Time (mins)	AWT:SWT Ratio	Probability of Waiting (%)				
						< 10 mins	10-20 mins	20-30 mins	> 30 mins	Long Gaps
T64	4.7	0.8	1.1	5.6	1.2	85.4	13.5	0.9	0.1	1.3
T130	7.5	1.1	0.9	8.6	1.1	65.8	27.7	5.7	0.9	1.2
T433	4.9	1.0	0.9	5.9	1.2	82.7	16.4	0.8	0.0	1.5
U2	6.1	0.6	0.5	6.8	1.1	78.1	20.0	1.7	0.2	0.8
U3	6.7	0.8	0.6	7.6	1.1	70.8	26.4	2.6	0.2	0.5
U4	6.0	0.9	1.0	6.9	1.2	76.4	21.3	2.0	0.3	1.2
U5	6.7	0.8	0.9	7.5	1.1	71.2	25.8	2.6	0.4	0.7
W3	3.5	1.0	0.8	4.5	1.3	92.3	7.4	0.3	0.0	2.5
W4	5.9	1.0	1.3	6.8	1.2	77.2	20.8	1.7	0.3	1.1
W5	6.6	0.9	0.7	7.5	1.1	71.4	25.6	2.6	0.4	0.8
W6	6.6	0.6	0.9	7.2	1.1	76.8	19.5	3.3	0.4	0.5
W7	3.0	0.9	0.6	3.9	1.3	94.2	5.4	0.3	0.0	2.5
W8	4.5	0.9	1.3	5.5	1.2	86.6	12.6	0.7	0.1	1.7
W11	6.5	0.8	0.9	7.3	1.1	73.3	24.2	2.1	0.5	0.8
W15	4.6	1.3	1.5	5.9	1.3	82.4	15.9	1.4	0.2	2.7
W16	6.6	0.8	1.2	7.5	1.1	71.4	25.9	2.3	0.3	0.7
W19	7.2	0.9	1.4	8.1	1.1	69.1	26.6	3.7	0.6	0.9
All	5.0	0.9	1.0	6.0	1.2	82.3	16.2	1.3	0.2	1.5

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
20	69.8	76.6	9.7	2.0	18.5
61	85.1	77.3	3.0	1.7	10.2
107	82.2	86.9	5.1	1.3	11.3
110	91.2	87.2	1.0	1.3	6.6
117	80.0	74.9	2.6	2.9	14.4
138	79.3	81.5	3.1	0.9	16.7
146	83.9	84.3	3.4	0.7	12.0
160	80.8	79.1	4.1	0.7	14.4
162	82.5	82.6	3.8	1.2	12.5
166	77.9	76.9	4.6	0.4	17.1
167	77.8	74.5	2.8	0.5	19.0
178	78.6	78.5	4.3	0.7	16.4
190	81.3	81.2	4.2	1.8	12.7
201	75.8	82.7	4.5	2.0	17.7
203	88.2	85.7	1.4	0.8	9.5
215	84.7	78.1	1.8	0.5	13.0
216	83.7	83.7	3.1	2.1	11.1
223	82.6	80.4	4.0	1.7	11.7
224	79.6	82.2	3.8	2.4	14.1
225	82.5	73.9	4.2	2.3	10.9
228	76.7	n/a	3.2	2.5	17.6
230	85.2	n/a	2.5	1.5	10.8
231	83.0	76.8	3.4	1.2	12.4
232	78.4	78.6	5.5	1.4	14.7
233	81.8	80.6	2.9	1.4	13.9
246	79.1	79.0	3.5	1.8	15.6
258	74.3	82.9	4.6	1.4	19.8
272	82.2	84.1	5.4	3.1	9.3
273	75.2	67.3	3.4	0.8	20.6
287	82.5	81.6	4.5	0.4	12.5
289	75.6	70.2	5.0	0.5	18.8
290	84.3	87.6	2.3	0.5	12.9
292	76.8	84.3	5.6	1.6	16.0
293	80.9	75.7	2.5	0.5	16.1
296	78.4	75.5	3.8	0.6	17.2
298	76.8	79.6	5.4	1.9	15.9
299	80.3	80.0	4.0	1.8	14.0
300	85.0	84.1	3.3	2.4	9.3
303	84.7	87.9	3.9	0.8	10.7
305	81.3	81.1	6.0	0.7	12.0

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
313	75.5	75.3	5.8	1.2	17.4
315	73.8	76.3	5.5	1.0	19.7
317	79.1	79.0	4.5	1.2	15.2
318	82.0	84.5	5.3	1.2	11.5
323	90.2	87.0	2.1	0.5	7.1
324	84.7	86.3	3.1	1.2	11.0
327	80.2	80.4	6.4	1.6	11.7
331	82.5	81.3	3.3	1.2	13.0
336	79.2	82.1	3.5	1.5	15.7
339	88.0	88.7	3.5	0.9	7.6
346	90.0	87.9	2.6	1.8	5.6
347	83.3	76.8	4.7	0.7	11.3
350	79.9	n/a	4.0	1.9	14.2
352	81.2	82.1	2.7	0.6	15.5
354	83.8	80.5	3.0	0.9	12.4
356	77.8	69.7	3.5	1.0	17.8
357	72.3	76.6	6.4	1.3	20.0
362	77.9	75.5	4.6	1.2	16.3
367	76.4	74.4	3.0	1.0	19.6
370	82.7	71.5	3.4	1.2	12.7
372	80.6	86.5	3.0	0.6	15.9
375	91.6	87.2	1.9	0.6	6.0
376	85.0	80.0	3.2	2.7	9.1
377	89.1	84.2	2.9	1.1	7.0
379	92.8	87.6	2.1	1.7	3.4
382	80.2	78.9	4.6	2.1	13.1
383	89.7	85.4	1.1	1.1	8.1
384	86.2	85.5	3.4	1.0	9.3
385	89.3	84.7	3.0	2.1	5.6
386	80.8	81.7	3.5	0.9	14.8
389	93.0	92.3	0.5	1.9	4.6
395	84.6	88.2	2.3	1.1	12.0
396	84.7	78.6	2.4	0.4	12.5
397	79.2	74.9	4.3	1.7	14.8
398	86.1	85.8	4.7	1.9	7.3
399	95.3	95.1	0.9	0.3	3.6
401	88.2	90.2	3.4	0.7	7.6
404	89.8	93.8	1.1	0.0	9.1
405	78.6	81.7	3.8	0.8	16.8
406	87.4	86.2	2.5	0.6	9.5

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
411	88.1	92.2	3.4	0.5	8.0
412	87.7	79.6	1.9	0.1	10.2
413	88.1	86.7	1.8	1.0	9.2
418	89.3	88.6	1.7	0.7	8.3
419	85.5	78.6	4.5	1.0	9.0
423	92.6	89.9	0.8	0.5	6.1
424	65.7	69.8	7.1	1.6	25.7
428	83.4	79.2	5.0	0.6	10.9
434	86.8	88.0	1.6	0.5	11.2
440	82.3	84.3	3.6	1.9	12.2
455	83.6	80.2	2.1	1.4	12.9
462	81.3	85.9	3.6	0.9	14.2
463	66.9	81.1	7.9	2.9	22.3
465	83.7	82.5	2.8	0.9	12.7
467	87.4	82.6	1.6	0.3	10.7
469	76.0	76.3	4.1	0.6	19.3
470	85.1	79.5	2.1	1.4	11.5
481	82.1	84.0	2.2	0.8	14.9
482	80.8	72.7	3.3	1.8	14.0
485	82.1	69.4	4.0	0.8	13.1
488	83.8	n/a	4.4	0.9	10.9
491	77.1	81.0	6.2	2.0	14.7
492	72.4	77.6	6.8	1.0	19.8
496	88.1	85.5	1.4	0.3	10.1
498	88.4	85.3	1.6	0.5	9.5
499	71.9	76.6	7.3	1.2	19.5
549	74.4	77.3	9.7	0.7	15.2
A10	88.0	88.6	2.6	0.5	8.9
B11	86.4	85.0	3.0	0.9	9.7
B12	79.4	76.3	4.5	0.8	15.3
B13	87.1	84.6	2.3	0.6	10.0
B14	72.0	75.1	6.2	2.6	19.3
B15	83.9	70.1	2.8	0.5	12.8
B16	88.0	83.1	2.6	1.6	7.9
E10	86.7	80.0	3.7	0.8	8.7
E11	86.5	87.3	3.1	1.0	9.4
G1	69.1	72.9	8.4	1.3	21.2
H3	91.8	90.7	1.7	1.7	4.8
H11	89.3	90.2	2.1	1.1	7.5
H13	82.7	88.3	3.4	1.1	12.7

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
H17	77.6	90.6	9.9	1.4	11.1
H18	79.7	86.0	5.3	1.6	13.3
H19	84.2	87.9	4.4	1.6	9.9
H26	79.2	89.8	2.3	2.2	16.3
H28	81.2	78.8	1.8	1.4	15.6
K3	85.4	83.5	2.6	1.1	11.0
K4	86.6	89.0	2.1	0.5	10.9
K5	84.0	84.0	3.5	0.6	11.8
P5	89.5	83.2	1.5	0.8	8.3
P13	78.4	76.9	4.6	1.9	15.1
R1	90.8	82.0	0.8	1.2	7.2
R2	89.4	76.6	1.5	1.7	7.4
R3	84.9	73.6	2.1	1.1	12.0
R4	87.6	76.2	1.5	1.0	9.9
R5	78.0	83.7	5.9	0.9	15.2
R6	89.1	79.0	1.7	1.3	7.9
R7	73.9	89.8	4.4	1.5	20.2
R8	76.3	73.4	4.3	1.4	18.0
R10	75.6	84.0	6.7	0.6	17.1
R68	89.9	79.0	1.4	0.9	7.8
RV1	84.8	n/a	3.6	1.1	10.5
S1	84.0	88.4	3.7	0.8	11.5
S3	84.2	83.1	3.1	1.4	11.3
S4	82.3	79.3	2.5	0.9	14.3
T314	79.8	73.5	3.7	1.4	15.0
T353	84.6	81.2	2.5	0.6	12.3
T359	91.4	90.0	0.8	0.9	7.0
T464	90.2	92.4	2.2	0.7	6.9
U1	80.2	84.4	4.1	1.7	14.0
U7	83.2	83.6	3.5	1.8	11.4
U9	90.9	93.9	2.0	1.1	6.0
U10	88.8	88.8	1.3	0.5	9.3
W9	85.3	78.6	3.0	1.6	10.1
W10	93.7	93.8	0.7	0.8	4.7
W12	85.5	62.4	2.2	0.9	11.4
W13	87.8	80.0	2.4	0.7	9.1
W14	89.2	82.2	2.2	0.8	7.7
X26	76.2	78.9	4.8	1.2	17.8
X68	79.2	61.0	5.2	1.7	13.9
All	82.1	81.0	3.6	1.2	13.0

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Waiting Times (Mins)

Probability of Waiting (%)

Route	Scheduled Waiting Time (mins)	Excess Waiting Time (mins)	Q4 2016/17 (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	9.0	1.1	64.4	29.3	5.4	1.0	0.9
N15	5.0	0.4	0.5	5.3	1.1	90.5	9.2	0.3	0.1	0.5
N25	4.5	0.8	1.0	5.2	1.2	89.2	10.2	0.5	0.1	1.1
N29	4.0	0.3	0.5	4.3	1.1	96.2	3.6	0.1	0.1	0.4
N38	6.5	0.5	0.6	7.0	1.1	75.5	22.5	1.7	0.4	0.7
N87	6.5	0.2	0.5	6.7	1.0	79.1	20.7	0.1	0.0	0.2
N155	3.9	0.1	0.3	4.0	1.0	99.4	0.6	0.0	0.0	0.0
N253	6.7	0.2	0.2	6.8	1.0	78.3	21.3	0.4	0.0	0.3
All	5.5	0.5	0.5	6.0	1.1	84.3	14.3	1.2	0.2	0.7

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N1	94.3	91.4	1.1	0.1	4.5
N2	94.0	87.6	1.5	0.3	4.2
N3	79.1	88.1	3.0	3.5	14.4
N5	93.1	n/a	0.6	0.2	6.2
N6	94.6	n/a	1.1	0.5	3.8
N7	97.1	97.7	0.7	0.2	2.1
N9	89.5	88.9	0.9	1.6	8.0
N10	94.8	91.9	2.0	0.3	2.8
N11	88.0	85.3	1.6	0.2	10.2
N12	94.0	88.5	1.5	0.4	4.1
N13	91.3	92.0	1.6	1.5	5.6
N14	93.3	92.6	1.1	0.5	5.1
N16	94.7	94.4	1.0	0.1	4.2
N18	88.3	91.1	2.3	4.2	5.2
N19	93.9	91.0	0.9	0.8	4.4
N20	87.6	92.1	0.6	0.2	11.7
N21	95.7	87.6	1.7	0.2	2.4
N22	95.4	94.0	1.3	0.2	3.1
N23	94.2	91.3	2.0	0.4	3.3
N24	92.0	92.5	2.1	0.9	4.9
N26	86.7	80.4	2.3	1.6	9.4
N27	95.9	97.2	0.7	0.5	2.9
N28	92.8	93.5	3.5	0.5	3.2
N31	92.5	92.6	1.6	0.6	5.4
N33	96.1	92.4	0.4	0.4	3.0
N34	93.2	94.6	3.2	0.3	3.3
N35	89.0	81.2	5.3	0.4	5.2
N36	94.0	92.6	1.8	0.3	3.9
N37	93.1	90.7	0.6	0.2	6.1
N41	96.4	90.8	0.4	0.1	3.1
N43	92.2	90.3	1.8	0.5	5.6
N44	85.0	86.3	2.7	0.2	12.1
N47	87.6	89.4	1.5	0.6	10.3
N52	97.2	95.7	0.7	0.4	1.7
N53	89.0	92.6	0.9	0.2	9.8
N55	87.2	90.0	0.9	0.2	11.7
N57	92.5	93.2	0.9	1.0	5.6
N63	93.7	89.2	0.8	0.3	5.1
N65	96.1	93.7	1.2	0.9	1.9
N68	90.6	85.5	2.5	0.5	6.3

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N69	96.5	95.5	1.2	1.0	1.3
N72	93.4	90.9	2.5	0.3	3.7
N73	89.6	88.7	1.5	0.6	8.3
N74	96.6	96.4	0.4	0.2	2.8
N76	88.8	91.3	1.8	0.2	9.2
N83	96.6	96.0	0.5	0.7	2.2
N85	95.5	97.4	0.9	1.8	1.7
N86	89.9	92.0	1.7	0.2	8.3
N87	90.5	n/a	1.4	0.3	7.7
N88	94.8	92.8	1.1	0.5	3.5
N89	89.7	88.2	1.9	0.3	8.1
N91	92.5	93.0	1.2	0.4	5.9
N93	96.4	95.2	1.8	0.2	1.6
N94	87.3	91.5	1.2	0.5	11.0
N97	92.4	91.3	2.4	0.5	4.7
N98	93.5	96.0	1.1	0.6	4.8
N102	97.6	96.5	0.9	0.1	1.4
N105	97.1	94.2	0.6	0.9	1.4
N108	92.1	87.1	3.1	0.8	4.0
N109	84.8	85.3	4.4	1.5	9.3
N111	94.1	89.7	0.2	0.8	4.9
N113	94.5	96.1	1.6	0.1	3.8
N114	95.7	96.1	0.3	0.3	3.7
N119	96.4	95.8	0.8	0.2	2.6
N123	98.5	96.0	0.9	0.2	0.3
N128	96.3	97.8	1.8	0.3	1.6
N132	95.3	93.6	2.3	0.3	2.1
N133	89.4	91.6	4.3	0.3	5.9
N134	95.6	n/a	1.3	0.1	3.0
N136	90.2	89.1	2.2	0.5	7.2
N137	90.0	89.9	1.6	0.1	8.4
N139	87.6	91.3	2.2	1.3	8.9
N140	97.5	96.4	0.6	0.5	1.4
N145	93.6	91.0	1.1	0.4	5.0
N148	91.2	90.3	2.1	3.1	3.6
N149	93.7	93.4	2.5	0.4	3.4
N154	93.8	93.9	0.8	0.3	5.2
N155	94.7	n/a	1.0	0.3	4.0
N158	93.5	91.2	1.7	2.1	2.7
N159	91.5	94.0	2.7	2.8	3.0

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	Q4 2016/17 (% On Time)	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N171	90.7	93.8	2.2	0.2	6.8
N176	92.8	88.4	2.8	1.3	3.1
N183	94.1	87.8	0.8	0.8	4.3
N188	95.4	84.5	1.8	0.6	2.3
N189	96.8	93.6	0.8	0.1	2.3
N199	91.3	91.9	0.5	0.4	7.8
N205	86.9	83.5	2.6	0.3	10.2
N207	88.4	87.5	2.6	0.5	8.5
N213	95.3	93.7	2.1	0.8	1.7
N214	96.5	96.4	1.0	0.7	1.8
N220	94.3	92.5	0.7	1.0	4.0
N222	96.6	92.2	1.4	0.3	1.6
N238	96.0	95.1	1.7	0.8	1.6
N242	92.1	94.7	2.3	0.9	4.6
N243	93.3	91.6	1.6	0.5	4.6
N250	96.7	96.1	1.2	0.2	1.8
N253	87.3	n/a	2.0	0.9	9.8
N264	93.8	95.5	1.3	0.5	4.3
N266	93.9	93.9	3.1	0.3	2.7
N271	94.1	93.6	1.9	0.1	4.0
N277	89.5	87.3	1.3	0.6	8.6
N279	93.0	94.1	1.4	0.5	5.2
N281	97.4	96.6	0.7	0.5	1.4
N285	93.4	93.4	1.0	0.4	5.2
N295	94.7	95.1	0.5	0.1	4.8
N296	91.9	92.7	1.4	0.6	6.1
N297	94.9	97.9	1.8	2.0	1.2
N307	96.1	96.8	3.1	0.6	0.2
N319	88.7	90.9	2.5	0.0	8.8
N321	95.2	93.7	1.1	0.5	3.2
N341	97.3	95.5	0.6	0.3	1.8
N343	91.1	89.5	1.2	0.7	7.0
N344	90.8	89.8	1.8	1.0	6.5
N345	80.7	87.8	3.8	5.7	9.9
N365	98.5	96.7	0.3	0.0	1.2
N381	84.1	85.9	2.7	2.1	11.1
N390	93.4	91.6	1.8	0.3	4.6
N453	91.3	90.9	2.6	0.7	5.4
N472	93.0	88.8	1.1	0.1	5.8
N474	94.9	95.6	1.5	0.4	3.2

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

Quarter 4 2017/18

06 January 2018 to 31 March 2018

Probability of Departure (%)

Route	% On Time	<i>Q4 2016/17 (% On Time)</i>	Non Arrival or Not Linked (%)	8 to 2.5 mins Early (%)	5 to 15 mins Late (%)
N486	94.6	<i>92.2</i>	0.9	0.4	4.1
N550	87.7	<i>84.0</i>	2.2	0.6	9.4
N551	85.7	<i>86.3</i>	3.7	0.6	10.0
NC2	95.5	<i>92.1</i>	2.2	1.4	0.8
NE1	97.7	<i>94.4</i>	1.7	0.1	0.5
NEL1	98.5	<i>97.0</i>	0.3	0.5	0.7
NH32	98.2	<i>96.5</i>	0.5	0.7	0.7
NH37	96.7	<i>98.3</i>	0.5	1.3	1.6
NW3	97.5	<i>98.9</i>	1.5	0.3	0.7
NW7	97.8	<i>98.2</i>	1.6	0.1	0.4
All	92.2	<i>91.3</i>	1.7	0.7	5.4