2020-2022
Bus Éireann Waterford City
Punctuality Report (Route by Route)

Punctuality is a KPI (Key Performance Indicator) of the performance of Bus Éireann Waterford City, as part of the terms of their PSO contract with the NTA.

For the purposes of measuring punctuality, Bus Éireann Waterford City routes are Low Frequency Routes only. Further details are provided below.

The following pages detail the Punctuality Rates for Bus Éireann Waterford City bus routes for each relevant period.

Low Frequency Routes are defined as services which operates less than 5 times an hour on a weekday, outside the peak periods.

Low Frequency Punctuality:

The Punctuality of Low Frequency Routes is calculated as follows:

$$\text{Punctuality (\%)} = \frac{\text{Number of Actual Departures on Time}}{\text{Number of Actual Departures}} \times 100$$

Bus Éireann Waterford City must achieve the Punctuality Minimum Performance Standards set out in the Table below for Low Frequency Routes for the Bue Éireann Waterford City Network as a whole:

Period	2021 Punctuality Minimum Performance Standard	2022 Punctuality Minimum Performance Standard
P1, P2, P3, P4, P5 (Late Winter / Spring)	80%	80%
P6, P7, P8, P9 (Summer)	80%	80%
P10, P11, P12, P13 (Autumn / Early Winter)	80%	80%

If the relevant network punctuality Minimum Performance Standard for each period is not achieved, financial deductions to operator payments apply. For each full 1% of departures below the 'on time minimum performance standard', 0.2% of the maximum period payment is deducted, up to a maximum of 5% of the maximum period payment.

Notes:

- The Number of Actual Departures is the total number of recorded bus departures from individual bus stops, along each route.
- The Number of Actual Departures on Time is the total number of recorded "on time" bus departures from individual bus stops, along each route for the relevant period, where "on time" is defined as a bus which departs from a bus stop not more than one minute early and not more than five minutes and fifty nine seconds late when compared to the scheduled departure time.
- The data for Bus Éireann Waterford City has not been adjusted for first and last stop time recording issues. First and last stop time recording issues can arise for example when a bus is recorded leaving the first stop early because vehicles parked at the first stop mean the bus needed to pull up after the first stop to allow passengers on board, or where a bus is not recorded arriving on time at final stop because stop is occupied by another bus waiting to enter service.
- In compliance with the Bus Éireann Waterford City Contract, punctuality deductions did not apply in respect of any Services during the initial operations mobilisation phase and commenced in Period 13 of 2019.
- Covid-19 Note: Applicable from 16th March 2020, the Punctuality Standard for on time services according to the approved schedule (-1 minute to +5:59 minutes of schedule) was reduced by 10% compared to the contractual standards (e.g. an original standard of 65% would reduce to 55%). The Punctuality Performance Payment and the Punctuality Incentive Payment were reduced to one half of amounts stated in the operating contract. The Covid-19 MPS reduction as outlined above ended in Period 6 2020.

2022 Bus Éireann Waterford City
Route By Route Punctuality

PUNCTUALITY - BUS ÉIREANN WATERFORD CITY (see note on interpretation of this data at bottom of table)						
	2022					
Route	P6	P5	P4	P3	P2	P1
W1	67.8%	70.4%	77.0%	73.5%	80.3%	81.6%
W2	82.7%	80.4%	83.5%	83.5%	84.5%	86.3%
W3	80.3%	81.5%	85.9%	87.9%	87.6%	89.2%
W4	88.4%	86.8%	90.6%	88.7%	89.2%	90.2%
W5	81.9%	82.2%	86.2%	85.9%	86.5%	88.4%

Note this data is raw - it measures percentage punctuality each four week period (P1 to P13) in each year, measuring scheduled departure time for each stop against actual departure time as recorded by Automatic Vehicle Location equipment on board each bus, except the final stop where the arrival time is

Punctuality is measured as % of times buses are at stop within -1 minute and +5 minutes 59 seconds of scheduled time, observed at all stops along a route over each four week period.

The data measures punctuality only where both an actual observed time and a corresponding scheduled time is available for comparison purposes.

The data has not been adjusted for first and last stop time recording issues which can arise for example when a bus is recorded leaving the first stop early because vehicles parked at the first stop mean the bus needed to pull up after the first stop to allow passengers on board, or where a bus is not recorded

2021 Bus Éireann Waterford City
Route By Route Punctuality

PUNCTUALITY - BUS ÉIREANN WATERFORD CITY (see note on interpretation of this data at bottom of table)													
	2021												
Route	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1
W1	74.4%	70.5%	73.9%	68.7%	74.4%	73.0%	71.8%	67.4%	74.9%	82.1%	84.9%	92.0%	93.4%
W2	76.4%	77.4%	79.1%	77.5%	77.9%	75.9%	76.8%	70.7%	77.1%	87.6%	88.7%	93.1%	91.6%
W3	78.8%	81.5%	84.7%	82.8%	84.2%	79.6%	82.6%	80.1%	85.5%	94.1%	95.2%	94.2%	95.4%
W4	84.0%	85.3%	88.1%	89.3%	89.1%	89.4%	90.8%	90.8%	90.0%	90.9%	90.4%	92.4%	92.2%
W5	79.1%	78.5%	83.4%	80.6%	82.9%	81.7%	80.8%	77.1%	82.5%	91.5%	90.8%	93.0%	93.3%

Note this data is raw - it measures percentage punctuality each four week period (P1 to P13) in each year, measuring scheduled departure time for each stop against actual departure time as recorded by Automatic Vehicle Location equipment on board each bus, except the final stop where the arrival time is measured.

Punctuality is measured as % of times buses are at stop within -1 minute and +5 minutes 59 seconds of scheduled time, observed at all stops along a route over each four week period.

The data measures punctuality only where both an actual observed time and a corresponding scheduled time is available for comparison purposes.

The data has not been adjusted for first and last stop time recording issues which can arise for example when a bus is recorded leaving the first stop early because vehicles parked at the first stop mean the bus needed to pull up after the first stop to allow passengers on board, or where a bus is not recorded arriving on time at final stop

2020 Bus Éireann Waterford City
Route By Route Punctuality

PUNCTUALITY - BUS ÉIREANN WATERFORD CITY (see note on interpretation of this data at bottom of table)													
	2020												
Route	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1
W1	71.5%	77.6%	75.5%	70.8%	79.2%	77.4%	80.9%	89.3%	95.1%	92.3%	78.6%	80.3%	83.2%
W2	78.6%	85.8%	83.4%	81.1%	83.4%	86.4%	86.8%	93.9%	93.0%	92.8%	88.1%	86.6%	88.5%
W3	84.2%	89.9%	88.4%	87.4%	89.8%	88.5%	92.9%	96.0%	95.1%	95.0%	88.9%	88.1%	88.8%
W4	87.6%	89.3%	90.8%	90.9%	92.0%	90.1%	92.5%	93.2%	93.2%	93.1%	90.7%	89.8%	90.0%
W5	81.9%	89.9%	88.2%	85.7%	87.1%	85.7%	90.3%	95.1%	94.4%	93.3%	86.5%	88.3%	88.6%

Note this data is raw - it measures percentage punctuality each four week period (P1 to P13) in each year, measuring scheduled departure time for each stop against actual departure time as recorded by Automatic Vehicle Location equipment on board each bus, except the final stop where the arrival time is measured.

Punctuality is measured as % of times buses are at stop within -1 minute and +5 minutes 59 seconds of scheduled time, observed at all stops along a route over each four week period.

The data measures punctuality only where both an actual observed time and a corresponding scheduled time is available for comparison purposes.

The data has not been adjusted for first and last stop time recording issues which can arise for example when a bus is recorded leaving the first stop early because vehicles parked at the first stop mean the bus needed to pull up after the first stop to allow passengers on board, or where a bus is not recorded arriving on time at final stop because

For Period 13 2020, Data for December 1st,2nd,3rd,4th,7th,11th, 18th, 20th & 22nd has been excluded due to abnormal traffic conditions.