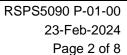
Rail Delivery Group



Green Travel Pledge Output Data

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Version: P-01-00





National Rail

Documentation Management

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Version History

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Terms and Definitions

| Term | Definition |
|--------|--|
| CRS | A 3-character code issued to every railway station in Britain. |
| CSV | Comma Separated Values; a standard file format. |
| IPR | Intellectual Property Rights. |
| KGCO2e | CO2e stands for carbon dioxide equivalent and is a standard measurement of greenhouse gas (GHG) emissions. In this instance in kilograms (KG). |
| PDF | Portable Document Format: a file format for encoding documents that preserves the appearance of a document exactly. |
| RDM | Rail Data Marketplace. |

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1. Introduction

1.1 Overview

- 1.1.1 This document provides an overview of Green Travel Pledge data, its purpose, scope, and usage, along with details of the supporting calculation methodology.
- 1.1.2 Green Travel Pledge is a service owned by RDG. The Intellectual Property Rights (IPR) for Green Travel Pledge belong to RDG.

1.2 Purpose

1.2.1 This document provides information on, and the rules when using the Green Travel Pledge data.

1.3 Scope

1.3.1 This document provides the data specifications of the Green Travel Pledge data which is delivered via the Rail Data Marketplace (RDM).

1.4 Related Subjects and references

| RDG Ref | Title | Usage |
|----------|---|---|
| RSPS5090 | Green Travel Pledge Methodology YYYY-MM- DD | This document serves as an authoritative guide on the methodology behind the Green Travel Pledge. YYYY-MM-DD indicates the date that the methodology was finalised and the data release it relates to. |



2. Data

2.1 General

- 2.1.1 Green Travel Pledge data feed formats are defined in this section.
- 2.1.2 Two Comma Separated Value (CSV) files are available for download from the RDM in a single zipped file. The zipped file is:

gtp-emissions-output-YYYY-MM-DD.zip

where YYYY-MM-DD indicates the date that the data was generated.

2.1.3 Data is updated approximately every six months.

| File | Typical size |
|--|--------------|
| Average emission output by passenger km. | 1 kb |
| Average emission output by journey. | 19 kb |



2.2 Average emission output by passenger km

2.2.1 General

- 2.2.1.1 The file contains average emission data by passenger km.
- 2.2.1.2 The fields are comma separated, with empty fields having zero length.

2.2.2 Filename

gtp-emissions-output-by-passenger-YYYY-MM-DD.csv

where YYYY-MM-DD indicates the date that the data was generated.

2.2.3 Data Description

| Key | Field | Field Name | Туре | Max Length | Description | |
|-----|-------|-------------------------------|--------|---------------|--|--|
| Υ | 1 | railType | String | 2000 | The type of rail journey | |
| | 2 | emissionsKgCO2ePerPassengerKm | Float | 8 | Emissions per passenger (KGCO2e) for the type of rail journey. | |



2.3 Average emission output by journey

2.3.1 General

- 2.3.1.1 The file contains average emissions data for the 'top' point-to-point business travel journeys.
- 2.3.1.2 The fields are comma separated, with empty fields having zero length.

2.3.2 Filename

gtp-emissions-output-by-journey-YYYY-MM-DD.csv

where YYYY-MM-DD indicates the date that the data was generated.

2.3.3 Data Description

| Key | Field | Field Name | Туре | Max Length | Description |
|-----|-------|------------------------------------|--------|---------------|--|
| | 1 | from | String | 2000 | The origin station name for the journey. |
| Y | 2 | originStationCode | String | 3 | The identification CRS code issued to the origin station. |
| | 3 | to | String | 2000 | The destination station name for the journey. |
| Y | 4 | destinationStationCode | String | 3 | The identification CRS code issued to the destination station. |
| | 5 | averageEmissionsPerPassengerKGCO2e | Float | 6 | Average Emissions per Passenger (KGCO2e) for this journey. |



2.4 Rules for Use

2.4.1 What can the data be used for?

- 2.4.1.1 The raw data may be made freely available or otherwise distributed to third parties.
- 2.4.1.2 To inform Data Consumer development roadmaps to integrate future data into their Point of Sale travel solutions. Therefore informing business travellers as they consider their business travel options.

2.4.2 What can the data not be used for?

2.4.2.1 The raw data may not be sold or otherwise distributed to third parties for commercial gain.

2.4.3 Accreditation

2.4.3.1 The consumption of this data output is not currently an accreditation requirement. This may change in the future and would be reflected in future documentation.

2.4.4 Data refresh

2.4.4.1 The data files in RDM will be overwritten following each data upgrade unless there are significant changes when a new version will be issued, alongside updated documentation.

End.