

# PTV

## GTFS Release Notes

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## Overview

This documentation provides some general information regarding PTV GTFS data.

This PTV GTFS contains timetable and geographic data for:

- All metropolitan and regional train
- All metropolitan and regional bus (including coach)
- All metropolitan tram

## General Information

### GTFS Specification Compliance

The data is compliant with the GTF specification.

Reference: <https://developers.google.com/transit/gtfs/reference>

### Publication Schedule

The data is scheduled to be published on a weekly or as needed basis. There may be periods where publication is delayed due to scheduled maintenance or unforeseen circumstances.

### GTFS Currency

As PTV regularly receives timetable amendments, it is recommended that participants regularly update their data with the latest available PTV GTFS data.

### Data Scope

Geographic Coverage:

The data is a representation of the public transport data currently available via [ptv.vic.gov.au](http://ptv.vic.gov.au) and will cover the same geographic extent.

Validity Period:

PTV GTFS will contain a rolling 30 days of data from the date of export.

Some route information may not be complete for this entire period due to service information not yet being made available. As this information becomes available to PTV, it will be made available in subsequent data publications.

### **Geographic Data Accuracy**

The path information provided is generated based on a mix of automatic algorithm and manual pathing. There may be inaccuracies with the paths and hence the paths may not always match on road operations.

### **Identifiers**

Many of the identifiers used within the feed will include characters such as:

- plus (+),
- underscore (\_),
- hyphen (-)
- full stop (.)

Care may need to be taken to consider this when using the data or developing applications. Identifiers may not be consistent across datasets.

### **Value Quoting**

All values within the files are enclosed in double-quotes (e.g. "X").

### **Feed Size**

The feed size will vary depending on the volume of data held by PTV at the time of export.

PTV typically utilises more data during special events, timetable changes or holidays periods - hence the data volume will typically increase around these events. This may alter the feed size considerably.

## **GTFS Release**

The PTV GTFS data has been exported by operational branches listed in the folder numbers below:

- 1 - Regional Train
- 2 - Metropolitan Train
- 3 - Metropolitan Tram
- 4 - Metropolitan Bus

- 5 - Regional Coach
- 6 - Regional Bus
- 7 - TeleBus
- 8 – Night Bus
- 10 - Interstate
- 11 - SkyBus

The GTFS data provided for each of the 10 Operational branches is in the form of 8 files and is described in the following table:

GTFS File	Fields
agency.txt	agency_id, agency_name, agency_url, agency_timezone, agency_lang
calendar.txt	service_id, monday, tuesday, wednesday, thursday, friday, saturday, sunday, start_date, end_date
calendar_dates.txt	service_id ,date, exception_type
routes.txt	route_id, agency_id, route_short_name, route_long_name, route_type
trips.txt	route_id, service_id, trip_id, shape_id, trip_headsign, direction_id
stops.txt	stop_id, stop_name, stop_lat, stop_lon
stop_times.txt	trip_id, arrival_time, departure_time, stop_id, stop_sequence, stop_headsign, pickup_type, drop_off_type, shape_dist_traveled
shapes.txt	shape_id, shape_pt_lat, shape_pt_lon, shape_pt_sequence, shape_dist_traveled