

Department of Transport and Planning GTFS Release Notes

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Overview

This documentation provides some general information regarding Department of Transport and Planning (DTP) GTFS data.

This DTP GTFS contains timetable and geographic data for:

- All metropolitan and regional trains
- All metropolitan and regional bus (including coach)
- All metropolitan trams

General Information

GTFS Specification Compliance

The data is compliant with the GTFS 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 DTP regularly receives timetable amendments, it is recommended that participants regularly update their data with the latest available DTP GTFS data.

Data Scope

Geographic Coverage:

The data is a representation of the public transport data currently available via data.vic.gov.au and will cover the same geographic extent.

Validity Period:

DTP GTFS will contain a rolling 90 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 DTP, 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 DTP at the time of export.

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

- 1 - Regional Train
- 2 - Metropolitan Train
- 3 - Metropolitan Tram
- 4 - myki Bus (Metro Bus and Regional Town Bus)
- 5 - Regional Coach
- 6 - Regional Bus
- 10 - Interstate Train
- 11 - SkyBus

The GTFS data provided for each of the eight operational branches is in the form of eight files and is described in the following table:

GTFS File	Fields
agency.txt	agency_id, agency_name, agency_url, agency_timezone, agency_lang, agency_fare_url



GTFS File	Fields
calendar.txt	service_id, monday, tuesday, wednesday, thursday, friday, saturday, sunday, start_date, end_date
calendar_dates.txt	service_id, date, exception_type
levels.txt	level_id, level_index, level_name
pathways.txt	pathway_id, from_stop_id, to_stop_id, pathway_mode, is_bidirectional, traversal_time
routes.txt	route_id, agency_id, route_short_name, route_long_name, route_type, route_color, route_text_color
shapes.txt	shape_id, shape_pt_lat, shape_pt_lon, shape_pt_sequence, shape_dist_traveled
stops.txt	stop_id, stop_code, stop_name, stop_lat, stop_lon, stop_url, location_type, parent_station, wheelchair_boarding, level_id, platform_code
stop_times.txt	trip_id, arrival_time, departure_time, stop_id, stop_sequence, stop_headsign, pickup_type, drop_off_type, shape_dist_traveled
transfers.txt	from_stop_id, to_stop_id, from_route_id, to_route_id, from_trip_id, to_trip_id, transfer_type, min_transfer_time
trips.txt	route_id, service_id, trip_id, shape_id, trip_headsign, direction_id, block_id, wheelchair_accessible, bikes_allowed