



PTIMS GLOSSARY

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VERSION 001

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1 Introduction

1.1 Purpose of Document

The purpose of this document is to provide a brief description of the Public Transport Infrastructure Management System (PTIMS) data and a clear explanation of all entries therein which are made available at the link below

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https://data.gov.ie/dataset/public-transport-infrastructure-management-system-ptims?package_type=dataset

1.2 What is PTIMS?

PTIMS is an asset management system for bus stops in Ireland which operate under the aegis of the National Transport Authority (NTA). The system consists of a number of datasets, mobile application and web viewer. The datasets contain detailed information relating to stops, poles, shelters and realtime passenger information signage.

Data are gathered by staff who physically visit stops to carry out detailed surveys. Results of each survey are uploaded to the database using a mobile app specially developed for this purpose.

1.3 What data are available on data.gov.ie?

The data available on data.gov.ie are in the form of four GeoJSON files which are detailed below:

- stops.geojson: GeoJSON file providing details of stops such as direction of travel and accessibility

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- poles.geojson: GeoJSON file providing details of poles such as location and plate code
- shelter.geojson: GeoJSON file providing details of shelters (if provided at stop)
- rtpi.geojson: GeoJSON file providing details of RealTime Passenger Information (RTPi) signage (if provided at stop)

An interactive html file named “ptims.html” can also be downloaded with the above data. This can be used to visualise and interact with the data on a map.

1.4 Are any data omitted from the download?

The original PTIMS database contains images of each stop. These are not included in on data.gov.ie to avoid potential issues with General Data Protection Regulation (GDPR).

1.5 What information is contained in the glossary?

The glossary which follows contains a clear description of the meaning of each entry from PTIMS which is included in the four files described in section 1.3. Descriptions for the related terms NaPTAN, NPTG and Universal Design Value are also included.

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AtcoCode Unique identifier for every stop in Ireland consisting of a 3 digit administrative area code and a numerical code taken from Ireland's NaPTAN dataset (see separate entry for NaPTAN).

Bearing Direction of traffic at the stop.

Bench This attribute indicates whether or not a bench is located at a stop.

BikeLaneFront This attribute indicates whether or not there is a bike lane at the front of the stop.

BikeLaneRear This attribute indicates whether or not there is a bike lane at the rear of the stop.

BikeStand This attribute indicates whether or not there is a bicycle stand at the stop.

Bin This attribute indicates whether or not a bin is located at a stop.

CastleKerbing This attribute indicates whether or not the kerbing at the stop is of the Castle (or Kassel) type.

Description Provides a description of the type of shelter.

Easting Easting value of the stop's location when using the Universal Transverse Mercator Coordinate System.

FootpathToStop This attribute indicates whether or not there is a footpath leading to the stop.

Geom3857 A spatial reference identifier (SRID) based on the EPSG:3857 spherical mercator projection coordinate system.

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IntegratedIntoShelter If the display unit is integrated into a shelter this attribute is 1.

IsActive If this stop is being serviced by buses then a value of 1 is assigned.

LastUpdatedDateUtc Timestamp of the last update of data for this facility.

Light A value of 1 indicates there is a lighting at this facility.

Name Number of lines displayed in by the RTPI screen.

NaPTAN National Public Transport Access Nodes - an internationally recognised standard for storing data related to public transport stops.

Northing Northing value of the stop's location when using the Universal Transverse Mercator Coordinate System.

NPTG National Public Transport Gazetteer - a topographic database of towns and settlements in Ireland.

NptgLocalityRef Code identifying the locality in which the stop is situated taken from Ireland's NPTG dataset (see separate entry for NPTG).

PlateCode Integer number for identifying a stop taken from the NaPTAN dataset for Ireland (physically printed on the stop).

PoleId Unique identifier for every pole in PTIMS.

PoleSupplier Company name of original supplier of a pole - values can be Larkin, Trueform, Other or Unknown.

PoleType Type can be Type C, Type E, Type F or unknown.

Position This attribute determines whether a pole is situated at the front or the back of the stop.

Power A value of 1 indicates there is electrical power supplied to this facility (e.g. to light up display signs).

PtBayCount This attribute indicates the number of bus bays at the stop.

RecordId Unique identifier for every record in PTIMS.

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RtpiDisplayId Unique identifier for every RTPI display in PTIMS.

SCN_English English version of the stop's short common name.

SCN_Gaeilge Irish version of the stop's short common name.

ShelterId Unique identifier for every bus shelter in PTIMS.

ShelterTypeId Single digit number indicating the type of shelter.

SocketType Gives the type of foundation socket for a pole - values can be IPL R260, IPL RS76, IPLRS115, Other or Unknown.

SpiritLevelCheck If the positioning of the display has been checked with a spirit level this attribute is 1.

StandingArea This attribute indicates whether or not there is space for a wheelchair to wait and space for people to pass or stand at the stop.

StepAtStop This attribute indicates whether or not there is a step at the stop which may impede accessibility.

StopAccessibility This attribute indicates that a stop is has an accessible foot-path at the location with the ability for a bus to safely pull in and pick up passengers..

StopStatus If this attribute is marked "Active" then the stop is presently serviced by buses.

StopType Type marked (MKD) indicates the stop is marked with a physical transport infrastructure item (pole, shelter or real time unit). Customs and Practice (CUS) indicates there is no such infrastructure..

TransportMode In all cases this should be "Bus" as all stops in PTIMS are bus stops. In cases where a survey is not yet complete the entry may be "Unknown".

UD_Calculated Universal Design Value assigned to the stop by automated calculation based on attributes in PTIMS (see separate entry for Universal Design Value).

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UD_Surveyor Universal Design Value assigned to the stop by a human surveyor (see separate entry for Universal Design Value).

Universal Design Value A rating value assigned to stops ranging from C (lowest) to A+ (highest) based on their accessibility.

WheelchairAccessibility This attribute indicates whether or not the stop is wheelchair accessible.