

## Data Dictionary

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# TfNSW Open Data

## Location Facilities, Transport Operator, Loading Zone, Off-street Parking

# Contents

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## Document Control

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### Revision History

Version	Author	Issue Date	Changes
0.01			Initial Draft

## 1. Document Purpose

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The purpose of this document is to provide the details of the structure and content of data provided by TfNSW to the registered users of the Transport for NSW API Gateway. The portal's aim is to challenge the creativity of the mobile app development community to develop innovative solutions, providing customers with real-time public transport information.

## 2. Scope

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This document includes the information about the datasets provided by TfNSW:

- Location Facilities
- Transport operator data
- Kerbside Loading Zone and Off-street Parking Data

For information on TXC, GTFS and GTFS-R, please refer to the individual technical documentation for each file.

### 3. Glossary

Term	Meaning
CBD	Central business district
Epoch or POSIX time	Number of seconds since January 1st 1970 00:00:00 UTC/GMT
GTFS	The General Transit Feed Specification (GTFS) defines a common format for public transportation schedules and associated geographic information.
GTFS-R	GTFS-realtime is a feed specification that allows public transportation agencies to provide realtime updates about their fleet
Kerbside	The traffic lane adjacent to Sydney CBD footpaths, that can be designated for use as a loading zone, taxi rank, paid parking, no stopping zone, no parking zone or mail zone
Loading	The use of a motorised vehicle to deliver goods
Off-street facility	Facilities located on private land or public road related areas (such as driveways and car parks)
RMS	Roads and Maritime Services
Service vehicles	Utility vehicles (utes) and vans designed for carrying tools and specialist equipment, usually to support the work of trades and maintenance workers
TfNSW	Transport for NSW

## 4. Data Sets

### 4.1 Location Facilities Data

The document covers the data members of the facilities data provided by TfNSW for facilities available at some of the major Station/Wharf/Light Rail/Bus Interchange. The location facilities data file will be provided separately.

Location Facilities Data	Facilities available at some of the major Station/Wharf/Light Rail/Bus Interchange	
Data Member / Property Name	Description	Type
LOCATION_NAME	Location name of the Station/Wharf/Light Rail/Bus Interchange	Text
TSN	Transit Stop Number (TSN) for each stop at the Station/Wharf/Light Rail/Bus Interchange	Number
X_COORD	X coordinate of the Station/Wharf/Light Rail/Bus Interchange	Number
Y_COORD	X coordinate of the Station/Wharf/Light Rail/Bus Interchange	Number
EFA_ID	Not to be used.	Number
PHONE	Phone number of Station/Wharf/Light Rail/Bus Interchange	Number
ADDRESS	Address of the Station/Wharf/Light Rail/Bus Interchange	Text
FACILITIES	Lists of the code (FAC_ID) for the type of facility available at the location.	Text (Pipe delimited values)
ACCESS	Lists of the code (FAC_ID) for the type of access available at the location.	Pipe delimited text
TRANSPORT	Lists of the code (FAC_ID) for the type of transport mode available at the location.	Pipe delimited text

<b>Config Location Facilities Operators</b>	Details the association of a facility.	
<b>Data Member / Property Name</b>	<b>Description</b>	<b>Type</b>
FAC_ID	Unique ID for the type of facility, access and mode of transport	Number
FAC_DESC	Description of the facility, access and transport	Text
TYPE	Identifies the classification of the FAC_ID	Text
ORDER	Not to be used.	Number

## 4.2 Transport Operator Data

The document covers the data members of the transport operator data provided by TfNSW. The transport operator data file will be provided separately.

<b>Transport Operator Data</b>		Provides the details of the transport operator	
<b>Data Member / Property Name</b>	<b>Description</b>	<b>Type</b>	
OPERATOR_ID	Unique ID of the operator	Number	
OPERATOR_NAME	Name of the operator	Text	
DESCRIPTION	Description about the operator	Text	
PHONE	Phone number of the operator	Number	
EMAIL	Email id of the operator	Text	
WEBSITE	Website of the operator	Text	
ADDRESS	Address of the operator	Text	
Operates_In	List of area where the operator operates in.	Pipe delimited text	
REGION	List of the unique id's of the region where the operator operates in.	Pipe delimited text	
MODE_ID	Unique ID of the mode of transport.	Number	

<b>Config Regions</b>		Details the association of a region with an id.	
<b>Data Member / Property Name</b>	<b>Description</b>	<b>Type</b>	
Region_ID	Unique ID of the region.	Number	
Region	Name of the region.	Text	

### 4.3 Loading Zone (kerbside) Parking Data

Loading zones are clearly signed parking areas set aside for short-term use by certain vehicles when loading or unloading goods in the course of business.

Kerbside loading zones provide access to businesses for delivery and servicing. They are provided free of charge and with an expectation of compliance with of the Road Rules. They typically operate on time zones suited to the characteristics of the street

<b>Loading zone (kerbside) Parking Data</b>		Provides information in relation to the on-street kerbside parking areas in Sydney's CBD for short-term use by certain vehicles when loading or unloading goods in the course of business	
<b>Data Member / Property Name</b>	<b>Type</b>	<b>Description</b>	<b>Comments/Notes</b>
FEATURE_ID	Integer	Unique GIS ID to identify a particular loading zone data	Must be unique and persistent
SEGMENT	VarChar	Unique segment for every block in the city	
STREET	Text	Street Name for the loading zone	Navigation
SUFFIX	Text	Type of street or place etc	Navigation
SIDE	Text	Used as a reference point to locate the street	Navigation
BETWEEN_	Text	Used as a reference point to identify the street block	Navigation
HRS_OPERATION_WEEKDAY	VarChar	Hours of operation during the weekday e.g. 24 hours or 07:00 to 18:00	Loading zone operating hours information using 24 hr clock format
HRS_OPERATION_WEEKEND	VarChar	Hours of operation during the weekend	Loading zone operating hours information using 24hr clock format
SPACES_AVAILABLE	Integer	Number of spaces available	Slot availability
USER_WD_00	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 00:00 to 01:00am	Loading zone hourly information based on the day of the week
USER_WD_01	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 01:00 to 02:00am	Loading zone hourly information based on the day of the week
USER_WD_02	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 02:00 to 03:00am	Loading zone hourly information based on the day of the week
USER_WD_03	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from	Loading zone hourly information based on the day of the week



		03:00 to 04:00am	
USER_WD_04	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 04:00 to 05:00am	Loading zone hourly information based on the day of the week
USER_WD_05	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 05:00 to 06:00am	Loading zone hourly information based on the day of the week
USER_WD_06	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 06:00 to 07:00am	Loading zone hourly information based on the day of the week
USER_WD_07	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 07:00 to 08:00am	Loading zone hourly information based on the day of the week
USER_WD_08	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 08:00 to 09:00am	Loading zone hourly information based on the day of the week
USER_WD_09	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 09:00 to 10:00am	Loading zone hourly information based on the day of the week
USER_WD_10	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 10:00 to 11:00am	Loading zone hourly information based on the day of the week
USER_WD_11	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 11:00 to 12:00pm	Loading zone hourly information based on the day of the week
USER_WD_12	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 12:00 to 13:00pm	Loading zone hourly information based on the day of the week
USER_WD_13	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 13:00 to 14:00 pm	Loading zone hourly information based on the day of the week
USER_WD_14	Text	Breakdown of loading zone	Loading zone hourly

		parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 14:00 to 15:00 pm	information based on the day of the week
USER_WD_15	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 15:00 to 16:00 pm	Loading zone hourly information based on the day of the week
USER_WD_16	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 16:00 to 17:00 pm	Loading zone hourly information based on the day of the week
USER_WD_17	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 17:00 to 18:00 pm	Loading zone hourly information based on the day of the week
USER_WD_18	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 18:00 to 19:00 pm	Loading zone hourly information based on the day of the week
USER_WD_19	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 19:00 to 20:00 pm	Loading zone hourly information based on the day of the week
USER_WD_20	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 20:00 to 21:00 pm	Loading zone hourly information based on the day of the week
USER_WD_21	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 21:00 to 22:00 pm	Loading zone hourly information based on the day of the week
USER_WD_22	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 22:00 to 23:00 pm	Loading zone hourly information based on the day of the week
USER_WD_23	Text	Breakdown of loading zone parking spaces in hourly ranges for weekday (Mon-Fri). E.g If loading zone is available from 23:00 to 00:00am	Loading zone hourly information based on the day of the week
USER_SA_00	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is	Loading zone hourly information based on the day of the week

		available from 00:00 to 01:00am	
USER_SA_01	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 01:00 to 02:00am	Loading zone hourly information based on the day of the week
USER_SA_02	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 02:00 to 03:00am	Loading zone hourly information based on the day of the week
USER_SA_03	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 03:00 to 04:00am	Loading zone hourly information based on the day of the week
USER_SA_04	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 04:00 to 05:00am	Loading zone hourly information based on the day of the week
USER_SA_05	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 05:00 to 06:00am	Loading zone hourly information based on the day of the week
USER_SA_06	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 06:00 to 07:00am	Loading zone hourly information based on the day of the week
USER_SA_07	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 07:00 to 08:00am	Loading zone hourly information based on the day of the week
USER_SA_08	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 08:00 to 09:00am	Loading zone hourly information based on the day of the week
USER_SA_09	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 09:00 to 10:00am	Loading zone hourly information based on the day of the week
USER_SA_10	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 10:00 to 11:00am	Loading zone hourly information based on the day of the week
USER_SA_11	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 11:00 to 12:00pm	Loading zone hourly information based on the day of the week
USER_SA_12	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 12:00 to 13:00pm	Loading zone hourly information based on the day of the week
USER_SA_13	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is	Loading zone hourly information based on the day of the week

		available from 13:00 to 14:00 pm	
USER_SA_14	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 14:00 to 15:00 pm	Loading zone hourly information based on the day of the week
USER_SA_15	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 15:00 to 16:00 pm	Loading zone hourly information based on the day of the week
USER_SA_16	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 16:00 to 17:00 pm	Loading zone hourly information based on the day of the week
USER_SA_17	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 17:00 to 18:00 pm	Loading zone hourly information based on the day of the week
USER_SA_18	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 18:00 to 19:00 pm	Loading zone hourly information based on the day of the week
USER_SA_19	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 19:00 to 20:00 pm	Loading zone hourly information based on the day of the week
USER_SA_20	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 20:00 to 21:00 pm	Loading zone hourly information based on the day of the week
USER_SA_21	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 21:00 to 22:00 pm	Loading zone hourly information based on the day of the week
USER_SA_22	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 22:00 to 23:00 pm	Loading zone hourly information based on the day of the week
USER_SA_23	Text	Breakdown of loading zone parking spaces in hourly ranges for Saturday. E.g If loading zone is available from 23:00 to 00:00am	Loading zone hourly information based on the day of the week
USER_SU_00	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 00:00 to 01:00am	Loading zone hourly information based on the day of the week
USER_SU_01	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 01:00 to 02:00am	Loading zone hourly information based on the day of the week
USER_SU_02	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is	Loading zone hourly information based on the day of the week

		available from 02:00 to 03:00am	
USER_SU_03	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 03:00 to 04:00am	Loading zone hourly information based on the day of the week
USER_SU_04	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 04:00 to 05:00am	Loading zone hourly information based on the day of the week
USER_SU_05	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 05:00 to 06:00am	Loading zone hourly information based on the day of the week
USER_SU_06	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 06:00 to 07:00am	Loading zone hourly information based on the day of the week
USER_SU_07	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 07:00 to 08:00am	Loading zone hourly information based on the day of the week
USER_SU_08	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 08:00 to 09:00am	Loading zone hourly information based on the day of the week
USER_SU_09	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 09:00 to 10:00am	Loading zone hourly information based on the day of the week
USER_SU_10	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 10:00 to 11:00am	Loading zone hourly information based on the day of the week
USER_SU_11	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 11:00 to 12:00pm	Loading zone hourly information based on the day of the week
USER_SU_12	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 12:00 to 13:00pm	Loading zone hourly information based on the day of the week
USER_SU_13	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 13:00 to 14:00 pm	Loading zone hourly information based on the day of the week
USER_SU_14	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 14:00 to 15:00 pm	Loading zone hourly information based on the day of the week
USER_SU_15	Text	Breakdown of loading zone parking spaces in hourly ranges	Loading zone hourly information based on

		for Sunday. E.g If loading zone is available from 15:00 to 16:00 pm	the day of the week
USER_SU_16	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 16:00 to 17:00 pm	Loading zone hourly information based on the day of the week
USER_SU_17	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 17:00 to 18:00 pm	Loading zone hourly information based on the day of the week
USER_SU_18	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 18:00 to 19:00 pm	Loading zone hourly information based on the day of the week
USER_SU_19	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 19:00 to 20:00 pm	Loading zone hourly information based on the day of the week
USER_SU_20	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 20:00 to 21:00 pm	Loading zone hourly information based on the day of the week
USER_SU_21	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 21:00 to 22:00 pm	Loading zone hourly information based on the day of the week
USER_SU_22	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 22:00 to 23:00 pm	Loading zone hourly information based on the day of the week
USER_SU_23	Text	Breakdown of loading zone parking spaces in hourly ranges for Sunday. E.g If loading zone is available from 23:00 to 00:00am	Loading zone hourly information based on the day of the week
X	Integer	X coordination of the Loading Zone	
Y	Integer	Y coordination of the Loading Zone	

#### 4.4 Off-street Parking Data

Off-street parking data provides information about private parking spaces that are available for service and delivery drivers in Sydney's CBD (at commercial rates). The file includes the CBD's largest parking providers and includes information for over 20,000 off street parking spaces.

<b>Off-street Parking Data</b>	Provides information in relation to off-street private parking spaces available to service and delivery drivers in Sydney's CBD		
<b>Data Member / Property Name</b>	Type	Description	Comments/Notes
FRD_ID	VarChar	Unique id to identify the parking	Must be unique and



		data	persistent
Owner	Text	Refers to the car park operator(not always the same as the owner or primary lease holder of the building)	Communications
Building_name_location	Text	Refers to the name of the building if it is a landmark. Otherwise it will be the street address of the building/foyer.	Communications
Street_Number_GPS	Integer	Refers to the GPS address of the car park. This is part of the address that the vehicle driver will input into GPS to locate the driveway. It may differ from the street address found on the car park website	Navigation
Street_Name_GPS	Text	Refers to the GPS address of the car park. This is part of the address that the vehicle driver will input into GPS to locate the driveway. It may differ from the street address found on the car park website	Navigation
Suburb_GPS	Text	Refers to the GPS address of the car park. This is part of the address that the vehicle driver will input into GPS to locate the driveway. It may differ from the street address found on the car park website	Navigation
State	Text	Refers to the GPS address of the car park. This is part of the address that the vehicle driver will input into GPS to locate the driveway. It may differ from the street address found on the car park website	Navigation
Postcode	Integer	Refers to the GPS address of the car park. This is part of the address that the vehicle driver will input into GPS to locate the driveway. It may differ from the street address found on the car park website.	Navigation
Height_Res	Double	Refers to the height restriction in metres, format to 2 decimal places	Safety and customer choice
Total_number_of_bays	Integer	Refers to the number of bays available on most days to the	This is the size of the carpark minus disabled

		commercial market	parking and other special uses (as described by the Parking Space Levy definition of "liable bays"). The total size is typically slightly larger than this number. Available bays may be feature in future versions of the app.
Access_Lat	Double	Refers to coordinates of entrance point: latitude	Mapping
Access_Long	Double	Refers to coordinates of entrance point: longitude	Mapping
Kerbside_Ref	VarChar	This is used as a reference for internal use only	Data Join to Kerbside Loading zone tables
Between	Text	Refers to the description of "Kerbside_Ref"	Navigation and Mapping
Open	Time	Refers to the opening time of the location, 24 hour time should be used	Customer choice
Close	Time	Refers to the closing time of the location, 24 hour time should be used	Customer choice
Preferred	Boolean	Used to flag "tradie friendly" and other commercial driver locations	Customer choice
URL	Text	Refers to the web address of the car park owners	Navigation and Price
Phone	Text	Refers to carpark owners phone number, including the "02" area code	Communications
Comments	Text	Caveats, conditions or other issues that help describe the car park (to assist customers and analysts)	
Road Direction Access	VarChar	To assist commercial vehicle drivers when road closures are in place and help reduce circulating traffic	Navigation and Mapping
Kerb	Text	Position of the driveway in relation to the road centre line to assist commercial drivers with navigation	Navigation and Mapping
Last updated	Date	Refers to the date in dd/mm/yyyy when this data was last updated	CBD Freight team reference