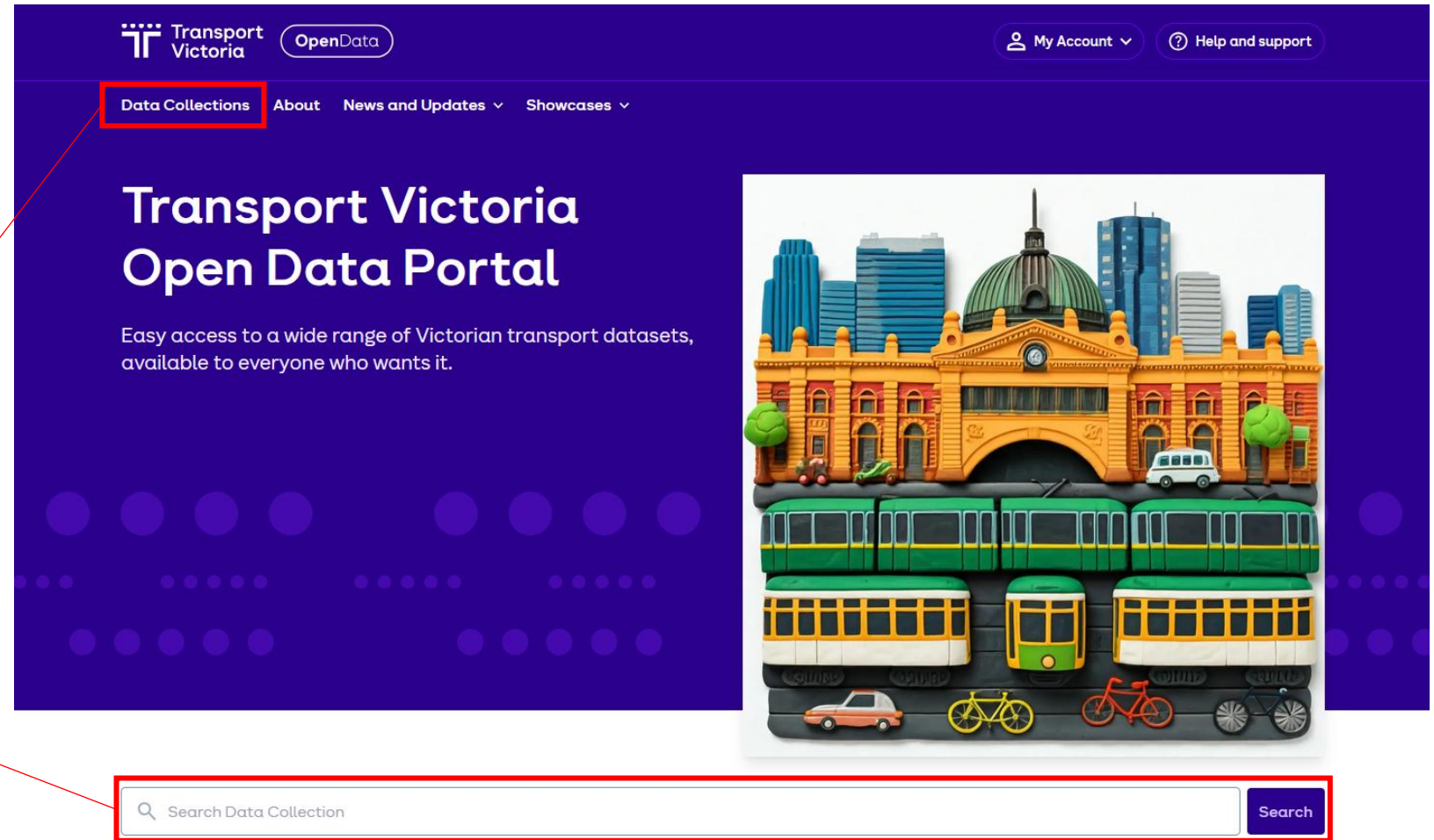


# Transport Victoria Open Data Portal

## How to access and download data

**Step 1:** Access datasets and data collections by clicking the “Data Collections” tab or using key words to in the search bar on the homepage



## How to access and download data

Transport Victoria

OpenData

My Account

Help and support

Data CollectionsAboutNews and UpdatesShowcases


Home / Domains / Safety / Victoria road crash data

Victoria road crash data

Followers  
4  

Unfollow

Domain



Safety

Safety data includes information relating to assurance for the well-being, security, and risk mitigation of passengers, employees, and the public within a transportation network.  
[read more](#)

License

Creative Commons Attribution 4.0

Data CollectionGroupsActivity Stream

Victoria road crash data

This data has been consolidated from Victoria Police reports and Hospital records to provide a comprehensive and detailed view of road crashes. The data provides users with information about Victorian fatal and injury road crashes, including conditions, crash type, road user type, and other relevant attributes.

Data Currency

This information will be updated on a monthly basis but with a 7 month lag in view of incidents during that time period.

Data Structure

The CSV data is split across multiple tables with attributes to facilitate joining. It has been captured as part of the supporting documentation in the metadata file. - accident (basic accident details, time, severity, location) - person (person involved in accident) - vehicle (vehicle based data, vehicle type, make etc) - accident\_event (sequence of events leading up to the accident) - road\_surface\_cond (whether road was wet, dry, icy etc) - dca\_sub\_dca (detailed codes describing accident) - accident\_node (master list of nodes) - Node Table with Lat/Long references

The GeoJSON dataset is a single flat file containing a subset of the attributes. A single set of attributes for each road crash that has occurred within Victoria. This metadata will provide further details of the attributes.

Data and Datasets

Accident

CSV | 28.59 MB

Vehicle

CSV | 38.75 MB

Accident Event

CSV | 22.95 MB

Atmospheric Condition

CSV | 4.17 MB

Sub DCA

CSV | 10.07 MB

Person

CSV | 24.01 MB

Node

CSV | 17.86 MB

Road Surface Condition

CSV | 3.70 MB

Accident Location

CSV | 10.42 MB

Victoria road crash data

GEOJSON | 283.10 MB

DCA Chart and Sub DCA Codes

PDF

**Step 2:** Click on the data collection you are interested in and scroll down to see the formats and information available

# Transport Victoria Open Data Portal

## How to access and download data

CSV

Accident

CSV | 28.59 MB

Download

CSV

Vehicle

CSV | 38.75 MB

Download

CSV

Accident Event

CSV | 22.95 MB

CSV

Atmospheric Condition

CSV | 4.17 MB

CSV

Sub DCA

CSV | 10.07 MB

CSV

Person

CSV | 24.01 MB

CSV

Node

CSV | 17.86 MB

CSV

Road Surface Condition

CSV | 3.70 MB

CSV

Accident Location

CSV | 10.42 MB

GEO

Victoria road crash data

GEOJSON | 283.10 MB

PDF

DCA Chart and Sub DCA Codes

PDF

Transport Victoria

OpenData

My Account

Help and support

Data Collections

About

News and Updates

Showcases

Home

Domains

Safety

Victoria road crash data

Accident

Accident

URL: https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...

Table of road crash accidents that includes information about how the crash occurred, date, time and severity of the incident.

Table

Use Case: Dashboard - Victoria road crash data

Use Case: Map - Victoria road crash data

Fullscreen

Embed

Add Filter

Show 20 entries:

Search:

Showing 1 to 20 of 174,899 entries

0 columns selected

0 cells selected

_id	ACCIDENT_NO	ACCIDENT_DATE	ACCIDENT_TIME	ACCIDENT_TYPE	ACCIDENT_TYPE_DESC	DAY_OF_WEEK
1	T20120000009	2012-01-01	02:25:00	4	Collision with a fixed object	1
2	T20120000012	2012-01-01	02:00:00	1	Collision with vehicle	1
3	T20120000013	2012-01-01	03:35:00	1	Collision with vehicle	1
4	T20120000018	2012-01-01	05:15:00	4	Collision with a fixed object	1
5	T20120000021	2012-01-01	07:30:00	4	Collision with a fixed object	1
6	T20120000028	2012-01-01	04:00:00	4	Collision with a fixed object	1
7	T20120000032	2012-01-01	00:55:00	2	Struck Pedestrian	1

**Step 3:** Download a data file by clicking the “Download” icon on the data collection page or click on the dataset to see more details and download it via the “Download” button

© Department of Transport and Planning

3

# Transport Victoria Open Data Portal

## How to access and download data

Transport Victoria

OpenData

My Account

Help and support

Data Collections

About

News and Updates

Showcases

Home / Domains / Safety / Victoria road crash data / Accident

Accident

URL: <https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...>

Table of road crash accidents that includes information about how the crash occurred, date, time and

Table

Use Case: Dashboard - Victoria road crash data

Use Case: Map - Victoria road crash data

Add Filter

Show 20 entries:

Search:

_id	ACCIDENT_NO	ACCIDENT_DATE	ACCIDENT_TIME	ACCIDENT_TYPE	ACCIDENT_DESCRIPTION
1	T20120000009	2012-01-01	02:25:00	4	Collision with a fixed object
2	T20120000012	2012-01-01	02:00:00	1	Collision with vehicle
3	T20120000013	2012-01-01	03:35:00	1	Collision with vehicle
4	T20120000018	2012-01-01	05:15:00	4	Collision with a fixed object
5	T20120000021	2012-01-01	07:30:00	4	Collision with a fixed object
6	T20120000028	2012-01-01	04:00:00	4	Collision with a fixed object
7	T20120000032	2012-01-01	00:55:00	2	Struck by a vehicle

Download

Data API

CKAN Data API

Access dataset data via a web API with powerful query support. Further information in the [main CKAN Data API and DataStore documentation](#).

Endpoints

The Data API can be accessed via the following actions of the CKAN action API.

Create

[https://opendata.transport.vic.gov.au/api/3/action/datastore\\_create](https://opendata.transport.vic.gov.au/api/3/action/datastore_create)

Update / Insert

[https://opendata.transport.vic.gov.au/api/3/action/datastore\\_upsert](https://opendata.transport.vic.gov.au/api/3/action/datastore_upsert)

Query

[https://opendata.transport.vic.gov.au/api/3/action/datastore\\_search](https://opendata.transport.vic.gov.au/api/3/action/datastore_search)

Querying

Example: Javascript

Example: Python

© Department of Transport and Planning

**Step 4:** If a dataset has Data API details, click on the “Data API” button on the dataset page to view the information

# Transport Victoria Open Data Portal

## How to access and download data

Transport Victoria

OpenData

My Account

Help and support

Data Collections

About

News and Updates

Showcases

Home / Data Collections

Domains

Disruptions - 2

Public Transport - 1

Roads - 1

Groups

There are no Groups that match this search

Tags

traffic - 2

congestion - 1

delay - 1

disruption - 1

freeway - 1

gtfs realtime - 1

gtfs-r - 1

lane closure - 1

planned - 1

public transport - 1

Show More Tags

Formats

API - 4

Licenses

Creative Commons... - 4

Search data collections...

4 data collections found

Formats: API x

GTFS Realtime

GTFS Realtime feeds have been provided by the Victoria Department of Transport and Planning (DTP). It contains feeds about...

API

Freeway Travel Time

Freeway Travel Time contains the spatial location, travel times and traffic conditions for freeways throughout Melbourne. The data includes...

API

Unplanned Disruptions - Road

This API contains details of unplanned disruptions in near real-time on roads managed by the Victorian Department of Transport and Planning (DTP). The data...

API

Planned Disruptions - Road

This API contains the locations and details of planned disruptions in near real-time on roads managed by the Victorian Department of Transport and Planning (DTP). The data...

API

Transport Victoria

OpenData

Data Collections

About

News and Updates

Showcases

Home / Domains / Disruptions / Unplanned Disruptions - Road / Unplanned Disruptions - Road - v2

Unplanned Disruptions - Road - v2

URL: https://opendata.transport.vic.gov.au/dataset/af595015-e191-45e5-ab89-6ebca7257e54/resource/f85a41e7-0803-4a3b-8316-329f87e4716c/download/unplanned-road-disruptions.openapi.json

Contains the locations and details of all unplanned road closures and traffic alerts recorded by DTP and local councils. The records represent a closure affecting either the point on the road or the length of road. To obtain an 'API Key' please continue to sign up using our Data Exchange Platform (https://data-exchange.vicroads.vic.gov.au/).

OpenAPI Console

Full Screen

Embed

Disruptions - Road

v2

OAS3

https://opendata.transport.vic.gov.au/dataset/af595015-e191-45e5-ab89-6ebca7257e54/resource/f85a41e7-0803-4a3b-8316-329f87e4716c/download/unplanned-road-disruptions.openapi.json

Disruptions to the road network in Victoria affect many people as they plan and undertake their journeys. This information contains details of disruptions in near real-time on roads managed by the Victorian Department of Transport and Planning as well as roads managed by local councils. The data includes the location and reason for the disruption along with which road it has occurred on.

Servers

https://data-exchange-api.vicroads.vic.gov.au/opendata/disruptions/v2

default

GET /unplanned Unplanned Disruptions-Road

This dataset contains the locations and details of all unplanned road closures and traffic alerts recorded by the Department of Transport and Planning (DTP), in near real-time.

As part of the v2 Unplanned Disruptions information, the Department of Transport and Planning (DTP) provides enhanced incident data, such as the number of lanes closed, enhanced public advice for consumers, and improved accuracy for an incident's location.

Also included are Tow truck allocations within the Melbourne Controlled Area (including Mornington Peninsula) which is done by the Accident Allocation Centre, managed under contract to the DTP. The records either represent a road disruption affecting either a point on a road or a length of road or tow trucks in the Melbourne Controlled Area attending an accident scene for vehicles with a gross vehicle mass less than 4 tonnes only after receiving an allocation number.

This dataset uses the GeoJSON format. For more information about the GeoJSON format, see the GeoJSON specification here: https://geojson.org/

NOTE: This API endpoint has a rate limit of 10 calls per minute. Pagination has been implemented with the query parameters "page" and "limit" with default

**Step 5:** To access an API, click “API” under the formats tag on the side menu, choose the dataset you are interested in and the click the “Download” button

# Transport Victoria Open Data Portal

## How to access and download data

Transport Victoria

OpenData

My Account

Help and support

Data Collections

About

News and Updates

Showcases

Home

Domains

Disruptions

Unplanned Disruptions - Road

Unplanned Disruptions - Road - v2

Unplanned Disruptions - Road - v2

Download

URL: https://opendata.transport.vic.gov.au/dataset/af595015-e191-45e5-ab89-6ebca7257e54/resource/f85a41e7-0803-4a3b-8316-329f87e4716c/download/unplanned\_road\_disruptions.openapi.json

Contains the locations and details of all unplanned road closures and traffic alerts recorded by DTP and local councils. The records represent a closure affecting either the point on the road or the length of road. To obtain an API Key please continue to sign up using our Data Exchange Platform (https://data-exchange.vicroads.vic.gov.au/).

OpenAPI Console

Fullscreen

Embed

Disruptions - Road v2 OAS3

https://opendata.transport.vic.gov.au/dataset/af595015-e191-45e5-ab89-6ebca7257e54/resource/f85a41e7-0803-4a3b-8316-329f87e4716c/download/unplanned\_road\_disruptions.openapi.json

Disruptions to the road network in Victoria affect many people as they plan and undertake their journeys. This information contains details of disruptions in near real-time on roads managed by the Victorian Department of Transport and Planning as well as roads managed by local councils. The data includes the location and reason for the disruption along with which road it has occurred on.

Servers

https://data-exchange-api.vicroads.vic.gov.au/opendata/disruptions/v2

default

GET /unplanned Unplanned Disruptions-Road

This dataset contains the locations and details of all unplanned road closures and traffic alerts recorded by the Department of Transport and Planning (DTP), in near real-time.

As part of the v2 Unplanned Disruptions information, the Department of Transport and Planning (DTP) provides enhanced incident data, such as the number of lanes closed, enhanced public advice for consumers, and improved accuracy for an incident's location.

Also included are Tow truck allocations within the Melbourne Controlled Area (including Mornington Peninsula) which is done by the Accident Allocation Centre, managed under contract to the DTP. The records either represent a road disruption affecting either a point on a road or a length of road or tow trucks in the Melbourne Controlled Area attending an accident scene for vehicles with a gross vehicle mass less than 4 tonnes only after receiving an allocation number.

This dataset uses the GeoJSON format. For more information about the GeoJSON format, see the GeoJSON specification here: https://geojson.org/

NOTE: This API endpoint has a rate limit of 10 calls per minute. Pagination has been implemented with the query parameters "page" and "limit" with default

Tip: You can also view and interact with APIs on the dataset page by expanding the API console and adjusting parameters as needed

Parameters

Name	Description
page	The page that the user wants to return.
integer (query)	Available values : 1, 2, 3, 4, 5, 6, 7, 8, 9
	Default value : 1
limit	The number of results per page the user wants to return.
integer (query)	Available values : 0, 100, 200, 300, 400, 500
	Default value : 0

Responses

Code	Description	Links
200	OK	No links

Media type

application/json

Controls accept header

Example Value Schema

```
{
  "type": "string",
  "features": [
    {
      "type": "string",
      "geometry": {
        "type": "string",
        "coordinates": [
          "string"
        ]
      },
      "properties": {
        "impactId": "string",
        "numberLanesImpacted": "string",
        "created": "string",
        "lastUpdated": "string",
        "lastActive": "string",
        "closedOn": "string",
        "declaredOn": "string",
        "reference": "string"
      }
    }
  ]
}
```

# Transport Victoria Open Data Portal

## How to access and download data

### Additional dataset information

A CSV file dataset will display a table view by default, where you can apply filters and even create a link to share the table with your chosen filters

**Step 5:** There are three options you can use to search through data:

1. Keyword search for the whole table
2. Sort by ascending/descending order
3. Keyword search for each specific column

Transport Victoria OpenData

My Account Help and support

Data Collections About News and Updates Showcases

Home / Domains / Safety / Victoria road crash data / Accident

### Accident

Download Data API

URL: <https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...>

Table of road crash accidents that includes information about how the crash occurred, date, time and severity of the incident.

Table Use Case: Dashboard - Victoria road crash data Use Case: Map - Victoria road crash data

Full Screen Embed

Add Filter

Show 20 entries:

Search:

_id	ACCIDENT_NO	ACCIDENT_DATE	ACCIDENT_TIME	ACCIDENT_TYPE	ACCIDENT_TYPE_DESC	DAY_OF_WEEK
1	T20120000009	2012-01-01	02:25:00	4	Collision with a fixed object	1
2	T20120000012	2012-01-01	02:00:00	1	Collision with vehicle	1
3	T20120000013	2012-01-01	03:35:00	1	Collision with vehicle	1
4	T20120000018	2012-01-01	05:15:00	4	Collision with a fixed object	1
5	T20120000021	2012-01-01	07:30:00	4	Collision with a fixed object	1
6	T20120000028	2012-01-01	04:00:00	4	Collision with a fixed object	1
7	T20120000032	2012-01-01	00:55:00	2	Struck Pedestrian	1
8	T20120000043	2012-01-01	00:45:00	1	Collision with vehicle	1
9	T20120000044	2012-01-01	16:25:00	1	Collision with vehicle	1
10	T20120000046	2012-01-01	16:25:00	2	Struck Pedestrian	1

Showing 1 to 20 of 174,899 entries 0 columns selected 0 cells selected

1 2 3 4 5 ... 8745

**Tip:** Click the “Fullscreen” button to expand the table and use the page numbers below the table to scroll through the information



# Transport Victoria Open Data Portal

## How to access and download data

**Step 6:** Add filters by clicking the “Add Filter” button then selecting the field you want from the drop-down box. Then select the filter options in the next drop-down box.

**Tip:** You can add additional fields by clicking “Add Filter” again. You can also share your custom filtered table by creating a link to it via the “share” button

© Department of Transport and Planning

Transport Victoria OpenData

My Account Help and support

Data Collections About News and Updates Showcases

Home Domains Safety Victoria road crash data Accident

Accident

URL: <https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...>

Table of road crash accidents that includes information about how the crash occurred, date, time and severity of the incident.

Table Use Case: Dashboard - Victoria road crash data Use Case: Map - Victoria road crash data

Add Filter

Show 20 entries

Search:

ACCIDENT

1	T201200				
2	T201200				
3	T201200				
4	T201200				
5	T201200				
6	T201200				
7	T201200				
8	T201200				
9	T201200				
10	T201200				

Select a field

ACCIDENT\_DATE

ACCIDENT\_NO

ACCIDENT\_TIME

ACCIDENT\_TYPE

ACCIDENT\_TYPE\_DESC

2	T20120000012	2012-01-01	02:00:00	1	
3	T20120000013	2012-01-01	03:35:00	1	
4	T20120000018	2012-01-01	05:15:00	4	
5	T20120000021	2012-01-01	07:30:00	4	
6	T20120000028	2012-01-01	04:00:00	4	

Transport Victoria OpenData

My Account Help and support

Data Collections About News and Updates Showcases

Home Domains Safety Victoria road crash data Accident

Accident

URL: <https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...>

Table of road crash accidents that includes information about how the crash occurred, date, time and severity of the incident.

Table Use Case: Dashboard - Victoria road crash data Use Case: Map - Victoria road crash data

ACCIDENT\_DATE:

2012-01-01

2012-01-02

2012-01-03

2012-01-04

1	T20120000009	2012-01-01	02:25:00	4	Collision with a fixed object
2	T20120000012	2012-01-01	02:00:00	1	Collision with vehicle
3	T20120000013	2012-01-01	03:35:00	1	Collision with vehicle
4	T20120000018	2012-01-01	05:15:00	4	Collision with a fixed object

Transport Victoria OpenData

My Account Help and support

Data Collections About News and Updates Showcases

Home Domains Safety Victoria road crash data Accident

Accident

URL: <https://opendata.transport.vic.gov.au/dataset/bb77800e-1857-4edc-bf9e-e188437a1c8e/resource/4...>

Table of road crash accidents that includes information about how the crash occurred, date, time and severity of the incident.

Table Use Case: Dashboard - Victoria road crash data Use Case: Map - Victoria road crash data

Fullscreen Embed

ACCIDENT\_DATE:

2012-01-03

2013-01-22

DAY\_WEEK\_DESC:

Sunday

Add Filter

Show 20 entries:

Share



# Transport Victoria Open Data Portal

## How to access and download data

Datasets

Accident

Vehicle

Accident Event

Atmospheric Condition

Sub DCA

Person

Node

Road Surface Condition

Accident Location

Victoria road crash data

Data Dictionary

Field Name	Name	Type	Description	Fixed Values
ACCIDENT_NO	Accident Number	STRING(12)	ACCIDENT_NO is the Primary Key for the database to uniquely identify the accident and cannot contain NULL values. First character T indicates TIS incident and characters 2-5	

Additional information

Field	Value
Dataset Last Updated Date	11 November 2024
Last Updated Date	27 November 2024
Publication Date	1 January 2012
Format	CSV
License	Creative Commons Attribution 4.0
Open Data Title	Accident
Dataset File Size	28.5 MiB
Dataset Security Value	BIL1 OFFICIAL - Authorised Public Release
Dataset Reporting Period Start	1 January 2012
Dataset Reporting Period End	31 March 2024
Geographic Coverage	Victoria

Tip: Dataset pages also include a data dictionary and additional metadata