

SSA Council App

Frequently Asked Questions

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Table of Contents

Access.....	4
How do I access the new SSA Council app?	4
Some staff in my team do not have access. How can I arrange for them to access SSA?	4
Can we access other councils' crash data for comparison purposes or only our own council data?	4
Crash Data - General	4
With the change to how crash data are made available, will there be more or less crash information being provided?	4
Is the underlying data similar to the data used to create the previous Tableau crash data dashboards and the reports available via Sharefile?	4
How many years of data are available?	4
Why are all four quarters of 2020 available in the dropdown list of the Summary crash report but quarters for 2021 are limited?	4
Will data only be available for a full reporting year, not whatever data is approved for that year (e.g. completed quarters)?	5
Does the data identify whether a crash has been self-reported, i.e. not police investigated?	5
Can anecdotal crash information be compiled where there is frequent or clear information? e.g tow truck drivers regularly towing cars out of bush in a particular location or regular skid marks on roads at specific locations suggesting run off road crashes?	5
Are vehicle crashes that are suicide attempts or deliberate acts included in the data?	5
Are there definitions for each of the injury severity levels?	5
Does health data matching also happen with interstate health departments or crashes in another region?	5
Can fields be added to the Council data file?	5
Traffic Unit	6
Is a pedal cycle-pedestrian crash recorded if it occurred on the footpath?	6
What traffic unit category does electric scooter fall under? Is a mobility scooter considered a pedestrian?	6
Is there an option to filter through to crashes involving cars towing trailers i.e. caravans?	6
Filters.....	6
Once you create a report can you filter it further before you export it?	6
Can specific roads be filtered by route number?	6
Can you filter by RUM code?	6
Are the columns of the 'Council data file' able to be filtered on the SSA system (like the old CSV Excel file) or do we need to export it to Excel to allow for filters to be applied?	6
Is there a way to set the LGA field so it defaults to a nominated Council rather than having to select it all the time?	7
Does the data include state road crashes?	7

Mapping	7
Is it possible to generate a detailed crash report from the crash map?.....	7
Can we export the LAT/LONG for each incident, in the CSV data export option?	7
Will SSA provide crash diagrams?	7
Are the heat maps in the mapping function weighted towards the degree of crash?.....	7
For the Map reports, can location description fields be added to the tables below the map?	7
Are there any options to export a spatial layer from the Council data file?	7
Behavioural Factors	7
How is speed determined to be a factor in crashes, particularly if Police do not attend?.....	7
In the Summary crash report, can you include contributing factors? i.e. Speed, fatigue, drink driving.	8
Will drug use as a factor be reported separately in the future?	8

Access

How do I access the new SSA Council app?

You will receive a link via your email to login to the Safe System Analytics PowerBI site. If you do not already have a Microsoft account, you will be prompted to create one. As an extra layer of security, you will need to verify your email or mobile phone number before you can access the crash statistics page. Please see the instructions, included with your access notification, on how to enrol into Multi-Factor Authentication.

Once you have finished signing in to your PowerBI account, please use the following link to directly access the SSA Council Home Page:

<https://app.powerbi.com/Redirect?action=OpenApp&appId=07ac50f0-7625-4422-9d83-1055372edc6b&ctid=cb356782-ad9a-47fb-878b-7ebceb85b86c>

From here, you can access and download crash statistics, reports and data visualisations.

For any assistance in setting up your account or accessing the data, please contact SSA.Support@transport.nsw.gov.au

Some staff in my team do not have access. How can I arrange for them to access SSA?

Please send the names and email addresses of the staff that require access to SSA.Support@transport.nsw.gov.au

Can we access other councils' crash data for comparison purposes or only our own council data?

You will be able to see data for any council area in NSW. You can also produce reports based on a specific TfNSW Region or all of NSW.

Crash Data - General

With the change to how crash data are made available, will there be more or less crash information being provided?

The amount of data will be similar but, through the new Power BI platform, we are aiming to make the data easier to access and use.

Is the underlying data similar to the data used to create the previous Tableau crash data dashboards and the reports available via Sharefile?

Yes, the new reports use the data that was available in the old system.

How many years of data are available?

These reports contain at least 10 years of data.

Why are all four quarters of 2020 available in the dropdown list of the Summary crash report but quarters for 2021 are limited?

Quarters of data are released following the completion of coding for the quarter, including matching to NSW health data, to obtain injury severity values.

Will data only be available for a full reporting year, not whatever data is approved for that year (e.g. completed quarters)?

Some reports use the data available by completed quarter and will therefore show all available data. The reports that have a year by year comparison tend only to have full years available in the filters. Note that quarterly data is preliminary and subject to change until finalised.

Does the data identify whether a crash has been self-reported, i.e. not police investigated?

Yes, the Data Source variable reports whether a crash was police investigated or self-reported.

Can anecdotal crash information be compiled where there is frequent or clear information? e.g tow truck drivers regularly towing cars out of bush in a particular location or regular skid marks on roads at specific locations suggesting run off road crashes?

This is very difficult for us to capture or to validate with any level of assurance so is not considered as part of the crash data.

Are vehicle crashes that are suicide attempts or deliberate acts included in the data?

A crash/fatality can be excluded based on the national guidelines and can be for any of the following reasons (most common are provided below):

- Crash not within the Surveyed Road Reserve eg shopping centre carpark; private property;
- Death due to Natural Causes;
- Crash/death due to Deliberate Act;
- Death after a Stabilised situation;
- Death in excess of 30 days after the crash;
- No moving road vehicle involved in crash e.g. pedestrian runs into another pedestrian or parked vehicle; and
- Crash not primarily attributable to vehicle movement e.g. tree/boulder falls onto road vehicle or road vehicle swept away by flood waters.

Are there definitions for each of the injury severity levels?

Yes, generally, an admission to hospital as a result of a crash is classified as a serious injury, while a person presenting at an emergency department (and not being admitted for a stay) is defined as a moderate injury. For full definitions and notes on casualty severity and other variables contained in the crash data please visit: <https://roadsafety.transport.nsw.gov.au/statistics/interpret-data.html>

Does health data matching also happen with interstate health departments or crashes in another region?

Hospital records from all NSW are used in the linking process, so if a person is air-lifted from a regional area to a metropolitan hospital, the record can still be linked. Interstate health data is not linked to NSW crash data.

Can fields be added to the Council data file?

At present, we are unable to include additional fields in the Council data file. Many Councils rely on this file being in its current fixed format, as bespoke systems within some Councils would need to be

modified if the file format were altered. We are investigating the possibility of including additional filters e.g. Road classification (admin).

Traffic Unit

Is a pedal cycle-pedestrian crash recorded if it occurred on the footpath?

Yes, if the crash was within the surveyed road reserve, which usually includes the footpath, it counts as a road traffic crash.

What traffic unit category does electric scooter fall under? Is a mobility scooter considered a pedestrian?

An electric scooter is recorded as a 'Motorised push scooter'. A mobility scooter is recorded as a 'Motorised scooter (mobility aid)' and the controller is coded as a driver (as the traffic unit is motorised and has 3 or 4 wheels). This is different to how the Australian Road Rules treats motorised mobility aids.

Is there an option to filter through to crashes involving cars towing trailers i.e. caravans?

Caravan/trailer information can be found by exporting the Council data file and using the TUTYPE and TUTWING fields. Please check the user manual for how to match the codes or contact SSA Support for assistance. We will also investigate making this query possible for the motor vehicle controller reports.

Filters

Once you create a report can you filter it further before you export it?

To filter the Detailed crash report or Council data file reports you will need to re-run the report with the desired filter. Dashboard style reports can be filtered using the filter panel at the right side, or even by clicking on report elements e.g. a segment of a graph or a specific table count.

Can specific roads be filtered by route number?

Yes, the reports contain a filter for route number.

Can you filter by RUM code?

We have included a filter for the RUM group for ease of use. But individual RUM code filters can be provided in future if there is demand for this among the Council user group.

Are the columns of the 'Council data file' able to be filtered on the SSA system (like the old CSV Excel file) or do we need to export it to Excel to allow for filters to be applied?

Additional filters for the Council data report are being considered. We could add some filters to the page so we're open to feedback, but currently you need to download it to excel to sort and filter.

Is there a way to set the LGA field so it defaults to a nominated Council rather than having to select it all the time?

Unfortunately not for the Council data file or the Detailed crash report but for other reports, the system will remember which filters you used. You could also set a personal bookmark for particular report groups (see the Quick Reference Guide – emailed with the access instructions).

Does the data include state road crashes?

Yes, crashes on all roads are included. On some reports, you can use the filter on 'Road classification (admin)' if you want to see only the crashes on state or local roads.

Mapping

Is it possible to generate a detailed crash report from the crash map?

Currently, we do not have an option to run other reports for crashes selected from the map but this is something we can look at in the future.

Can we export the LAT/LONG for each incident, in the CSV data export option?

Co-ordinates are available in the Council data file download. You can combine it with other data so long as it's for use within the council and is not going to identify an individual.

Will SSA provide crash diagrams?

We haven't included crash diagram functionality but we are always happy to receive suggestions for improvement through the SSA Support mailbox, particularly if there is a strong need for this across the wider user group.

Are the heat maps in the mapping function weighted towards the degree of crash?

No, the heat maps are based on the number of crashes at a location but you can filter on crash severity.

For the Map reports, can location description fields be added to the tables below the map?

We have some changes in the pipeline which include the addition of location fields to the table below the map.

Are there any options to export a spatial layer from the Council data file?

It is not an available option but something that we can investigate further. The CSV format (available when downloading the Council data file) is a file format standard that geographic systems can import.

Behavioural Factors

How is speed determined to be a factor in crashes, particularly if Police do not attend?

Certain circumstances suggest the involvement of speeding. The Centre for Road Safety has therefore drawn up criteria for determining whether or not a crash is to be considered as having involved speeding as a contributing factor.

Speeding is considered to have been a contributing factor to a road crash if that crash involved at least one speeding motor vehicle.

A motor vehicle is assessed as having been speeding if it satisfies the conditions described below under (a) or (b) or both.

- (a) The vehicle's controller (driver or rider) was charged with a speeding offence; or the vehicle was described by police as travelling at excessive speed; or the stated speed of the vehicle was in excess of that permitted for the vehicle controller's licence class or the vehicle weight (introduced 1 January 2010); or
the stated speed of the vehicle was in excess of the speed limit.
- (b) The vehicle was performing a manoeuvre characteristic of excessive speed, that is:
while on a curve the vehicle jack-knifed, skidded, slid or the controller lost control; or
the vehicle ran off the road while negotiating a bend or turning a corner and the controller was not distracted by something or disadvantaged by drowsiness or sudden illness and was not swerving to avoid another vehicle, animal or object and the vehicle did not suffer equipment failure.

Speeding and fatigue criteria can also be found here:

<https://roadsafety.transport.nsw.gov.au/statistics/interpret-data.html>

In the Summary crash report, can you include contributing factors? i.e. Speed, fatigue, drink driving.

Speeding and fatigue factors are included as filters. Alcohol involvement information is not currently available in this dataset.

Will drug use as a factor be reported separately in the future?

This is not currently possible but we can look at options for developing a separate report on this in the future.