



VICCRASH VIEWER

USER MANUAL



VERSION 1.2

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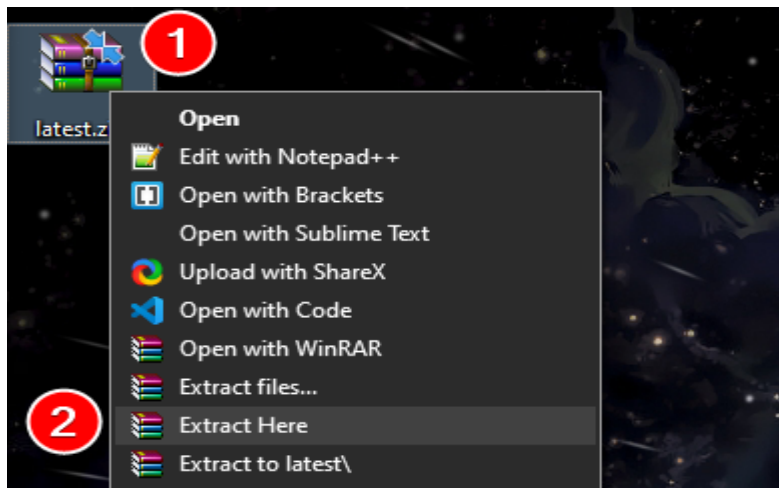


Setup

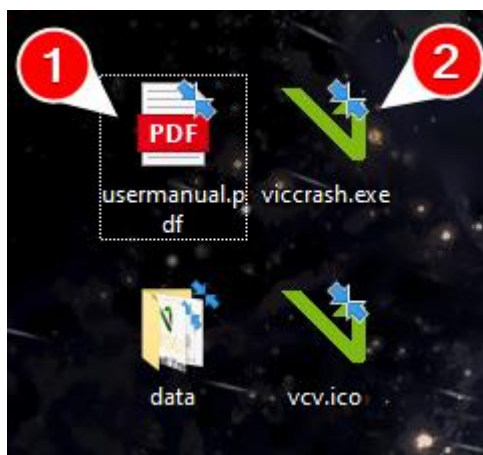
Installation



Download the latest version by selecting the latest.zip from GitHub (1)



Right-click (1) the latest.zip and extract (2) using your favourite zip program.



A user manual is included to show how the application works (1) and when you are ready to start the application, double click the viccrash.exe (2).



Operating the Application



After double clicking the viccrash.exe you will be presented with a splash screen as the application loads data, please be patient as it takes time to load the data. Once loaded, you will be presented with the home screen where you may start using the application to browse and visualise data.

vic roads
VicCrash Viewer

- 1 HOME
- 2 TIME OF DAY
- 3 ALCOHOL
- 4 SPEED

Accident Data

Search Term

Start Date

End Date

Search

Reset

	OBJECTID	NO	ABS_CODE	STATUS	DATE	TIME	ALCOHOLTIME	TYPE	DAY_OF_WEEK	DCA_CODE	HIT_RUN_FLAG	IGHT
1	3401744	T20130013732	ABS to receive ...	Finished	2013-07-01	18.30.00	Yes	Struck Pedestrian	Monday	PED NEAR SIDE...	No	Dark
2	3401745	T20130013736	ABS to receive ...	Finished	2013-07-02	16.40.00	No	Collision with ...	Tuesday	PARKED ...	No	Day
3	3401746	T20130013737	ABS to receive ...	Finished	2013-07-02	13.15.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
4	3401747	T20130013738	ABS to receive ...	Finished	2013-07-02	16.45.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
5	3401748	T20130013739	ABS to receive ...	Finished	2013-07-02	15.48.00	No	Collision with ...	Tuesday	U TURN	No	Day
6	3401749	T20130013740	ABS to receive ...	Finished	2013-07-02	13.40.00	No	Collision with a ...	Tuesday	LEFT OFF ...	No	Day
7	3401750	T20130013742	ABS to receive ...	Finished	2013-07-02	16.10.00	No	Collision with ...	Tuesday	REAR ...	No	Day
8	3401751	T20130013743	ABS to receive ...	Finished	2013-07-02	17.50.00	No	Collision with ...	Tuesday	REAR ...	No	Dark
9	3401752	T20130013744	ABS to receive ...	Finished	2013-07-02	17.30.00	No	Collision with ...	Tuesday	RIGHT THROUGH	No	Dark
10	3401753	T20130013746	ABS to receive ...	Finished	2013-07-02	17.35.00	No	Collision with ...	Tuesday	LEFT NEAR ...	No	Dark
11	3401754	T20130013749	ABS to receive ...	Finished	2013-07-02	16.20.00	No	Collision with a ...	Tuesday	LEFT OFF ...	No	Day
12	3401755	T20130013751	ABS to receive ...	Finished	2013-07-02	16.30.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
13	3401756	T20130013752	ABS to receive ...	Finished	2013-07-02	17.38.00	No	Collision with ...	Tuesday	VEHICLE STRIKE...	No	Dark
14	3401757	T20130013753	ABS to receive ...	Finished	2013-07-02	19.50.00	Yes	Collision with a ...	Tuesday	LEFT OFF ...	No	Dark
15	3401758	T20130013754	ABS to receive ...	Finished	2013-07-02	17.35.00	No	Collision with ...	Tuesday	RIGHT REAR.	No	Dark
16	3401759	T20130013755	ABS to receive ...	Finished	2013-07-02	18.19.00	Yes	Collision with ...	Monday	REAR ...	No	Dark
17	3401760	T20130013758	ABS to receive ...	Finished	2013-07-02	20.20.00	Yes	Collision with a ...	Tuesday	LEFT OFF ...	No	Dark
18	3401761	T20130013760	ABS to receive ...	Finished	2013-07-02	13.30.00	No	Collision with ...	Tuesday	VEHICLE STRIKE...	No	Day
19	3401762	T20130013761	ABS to receive ...	Finished	2013-07-02	18.05.00	Yes	Collision with ...	Tuesday	RIGHT THROUGH	No	Dark
20	3401763	T20130013764	ABS to receive ...	Finished	2013-07-02	16.00.00	No	Collision with ...	Tuesday	RIGHT NEAR ...	No	Day
21	3401764	T20130013769	ABS to receive ...	Finished	2013-07-03	00.54.00	Yes	No collision an...	Wednesday	OFF ...	No	Dark
22	3401765	T20130013770	ABS to receive ...	Finished	2013-07-02	10.50.00	No	Collision with ...	Tuesday	U TURN	No	Day

The navigation (1, 2, 3, 4) can be used to change pages.



VICCRASH VIEWER

Home Page

Accident Data

Search Term: animal Start Date: 1/07/2013 End Date: 21/03/2019 Search Go Reset

	OBJECTID	NO	ABS_CODE	STATUS	DATE	TIME	ALCOHOLTIME	TYPE	DAY_OF_WEEK	DCA_CODE	HIT_RUN_FLAG	IGH
1	3401744	T20130013732	ABS to receive ...	Finished	2013-07-01	18.30.00	Yes	Struck Pedestrian	Monday	PED NEAR SIDE...	No	Dark
2	3401745	T20130013736	ABS to receive ...	Finished	2013-07-02	16.40.00	No	Collision with ...	Tuesday	PARKED ...	No	Day
3	3401746	T20130013737	ABS to receive ...	Finished	2013-07-02	13.15.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
4	3401747	T20130013738	ABS to receive ...	Finished	2013-07-02	16.45.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
5	3401748	T20130013739	ABS to receive ...	Finished	2013-07-02	15.48.00	No	Collision with ...	Tuesday	U TURN	No	Day
6	3401749	T20130013740	ABS to receive ...	Finished	2013-07-02	13.40.00	No	Collision with a ...	Tuesday	LEFT OFF ...	No	Day
7	3401750	T20130013742	ABS to receive ...	Finished	2013-07-02	16.10.00	No	Collision with ...	Tuesday	REAR ...	No	Day
8	3401751	T20130013743	ABS to receive ...	Finished	2013-07-02	17.50.00	No	Collision with ...	Tuesday	REAR ...	No	Dark
9	3401752	T20130013744	ABS to receive ...	Finished	2013-07-02	17.30.00	No	Collision with ...	Tuesday	RIGHT THROUGH	No	Dark
10	3401753	T20130013746	ABS to receive ...	Finished	2013-07-02	17.35.00	No	Collision with ...	Tuesday	LEFT NEAR ...	No	Dark
11	3401754	T20130013749	ABS to receive ...	Finished	2013-07-02	16.20.00	No	Collision with a ...	Tuesday	LEFT OFF ...	No	Day
12	3401755	T20130013751	ABS to receive ...	Finished	2013-07-02	16.30.00	No	Collision with a ...	Tuesday	RIGHT OFF ...	No	Day
13	3401756	T20130013752	ABS to receive ...	Finished	2013-07-02	17.38.00	No	Collision with ...	Tuesday	VEHICLE STRIKE...	No	Dark
14	3401757	T20130013753	ABS to receive ...	Finished	2013-07-02	19.50.00	Yes	Collision with a ...	Tuesday	LEFT OFF ...	No	Dark
15	3401758	T20130013754	ABS to receive ...	Finished	2013-07-02	17.35.00	No	Collision with ...	Tuesday	RIGHT REAR.	No	Dark
16	3401759	T20130013755	ABS to receive ...	Finished	2013-07-02	18.19.00	Yes	Collision with ...	Monday	REAR ...	No	Dark
17	3401760	T20130013758	ABS to receive ...	Finished	2013-07-02	20.20.00	Yes	Collision with a ...	Tuesday	LEFT OFF ...	No	Dark
18	3401761	T20130013760	ABS to receive ...	Finished	2013-07-02	13.30.00	No	Collision with ...	Tuesday	VEHICLE STRIKE...	No	Day
19	3401762	T20130013761	ABS to receive ...	Finished	2013-07-02	18.05.00	Yes	Collision with ...	Tuesday	RIGHT THROUGH	No	Dark
20	3401763	T20130013764	ABS to receive ...	Finished	2013-07-02	16.00.00	No	Collision with ...	Tuesday	RIGHT NEAR ...	No	Day
21	3401764	T20130013769	ABS to receive ...	Finished	2013-07-03	00.54.00	Yes	No collision an...	Wednesday	OFF ...	No	Dark
22	3401765	T20130013770	ABS to receive ...	Finished	2013-07-02	10.50.00	No	Collision with ...	Tuesday	U TURN	No	Day

On the default home page, you will see several inputs you may interact with to filter the raw data to your liking, you may also browse the raw dataset if you desire to do so. The keyword input (1) allows you to filter by the type of accident, the geometry of the road, the day of the week, or the region name. Leaving this input blank will simply return all data between the selected dates (2).

Using the date inputs (2), you are presented with a graphical calendar.

Start Date: 1/07/2013 End Date: 21/03/2019

July 2013

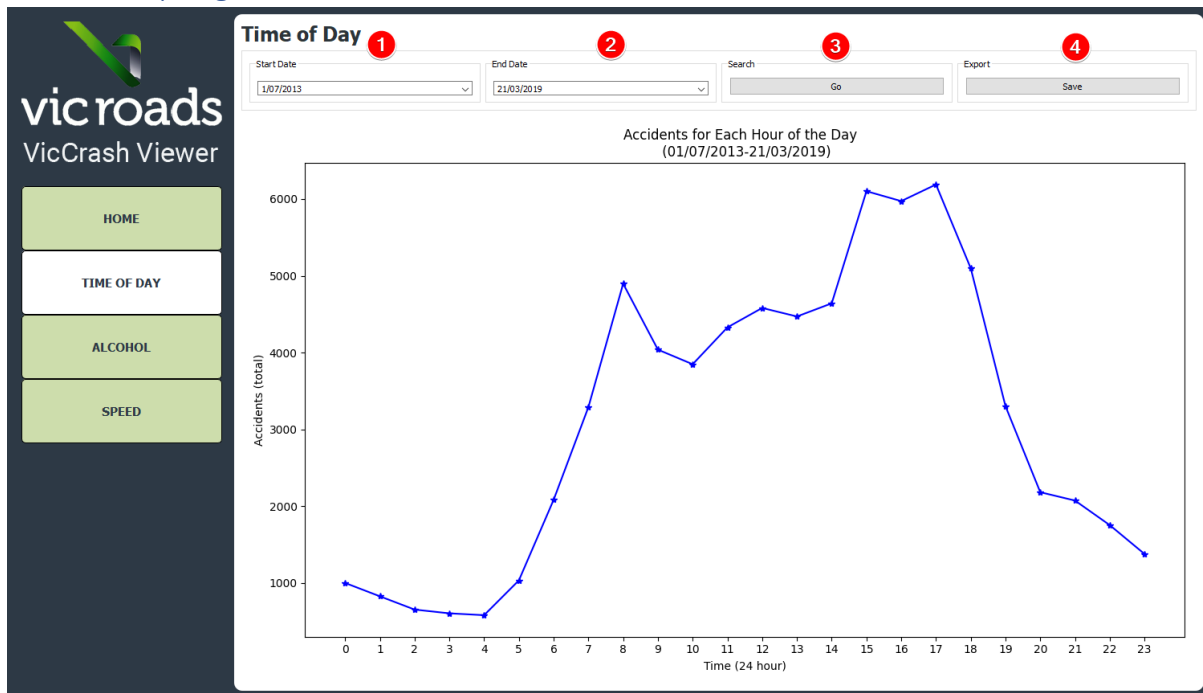
Mon	Tue	Wed	Thu	Fri	Sat	Sun
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

This allows you to easily select the dates you want to filter the data between, you may also type the date in manually in the dd/mm/yyyy format. Selecting an end date that is before the start date will return no data, so be sure to make sure it is after your chosen start date. Once you are happy with your choices, you may select 'Go' (3) to filter your data. If you wish to return to the complete raw dataset, you may click 'Reset'.

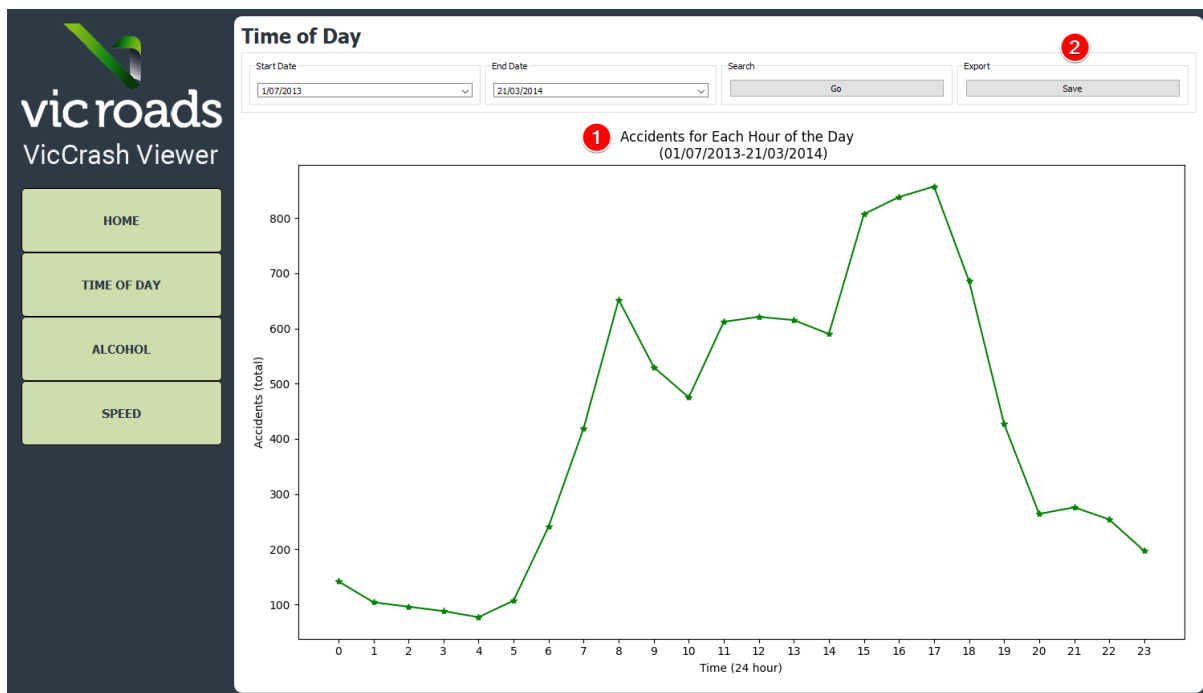


VICCRASH VIEWER

Time of Day Page



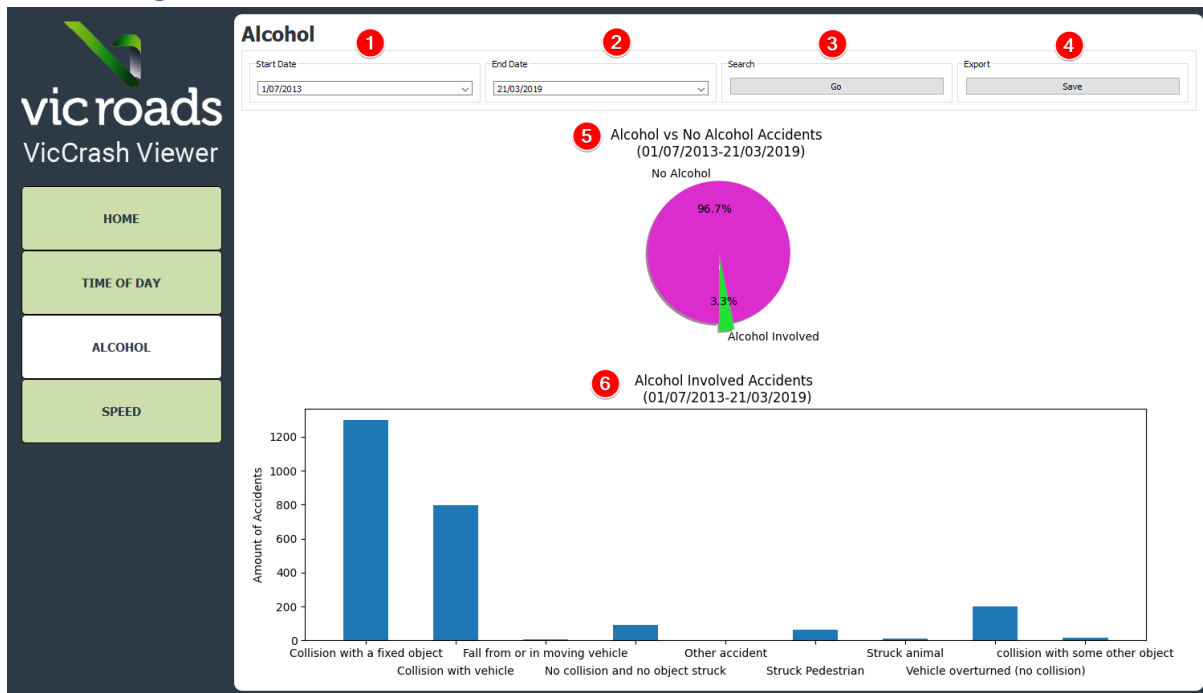
By default, the Time of Day page shows the trend of accidents for each hour for the entire data set. The date range can be altered by selecting a starting (1) and ending (2) date and clicking search (3). You can export the current chart by pressing 'Save'. (4)



After the search is performed, your new results (1) will be shown, and you may continue to perform additional searches for further date ranges. You may also export this new chart by pressing 'Save' (2).

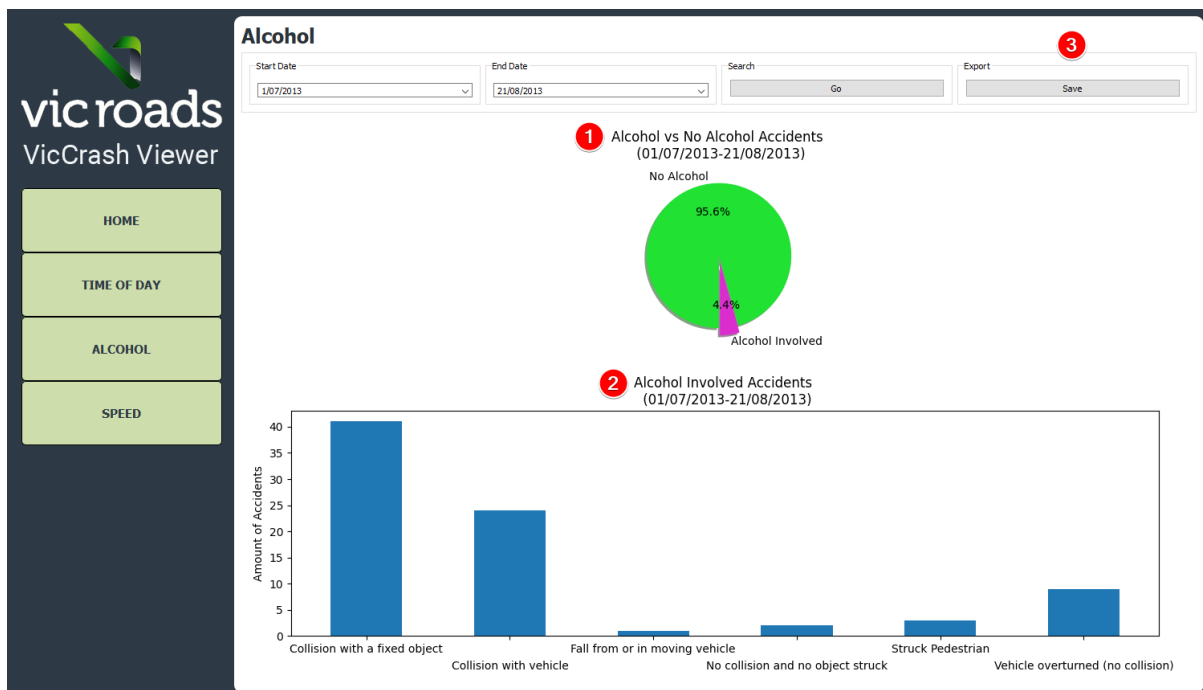


Alcohol Page



The alcohol page allows you to visualise the number of accidents that involved alcohol compared to those that did not (5) and then visualise the types of accidents that involve alcohol (6).

As with previous pages, you may select a start (1) and end (2) date and then filter by pressing 'Go' (3), and save the current chart by pressing 'Save' (4).

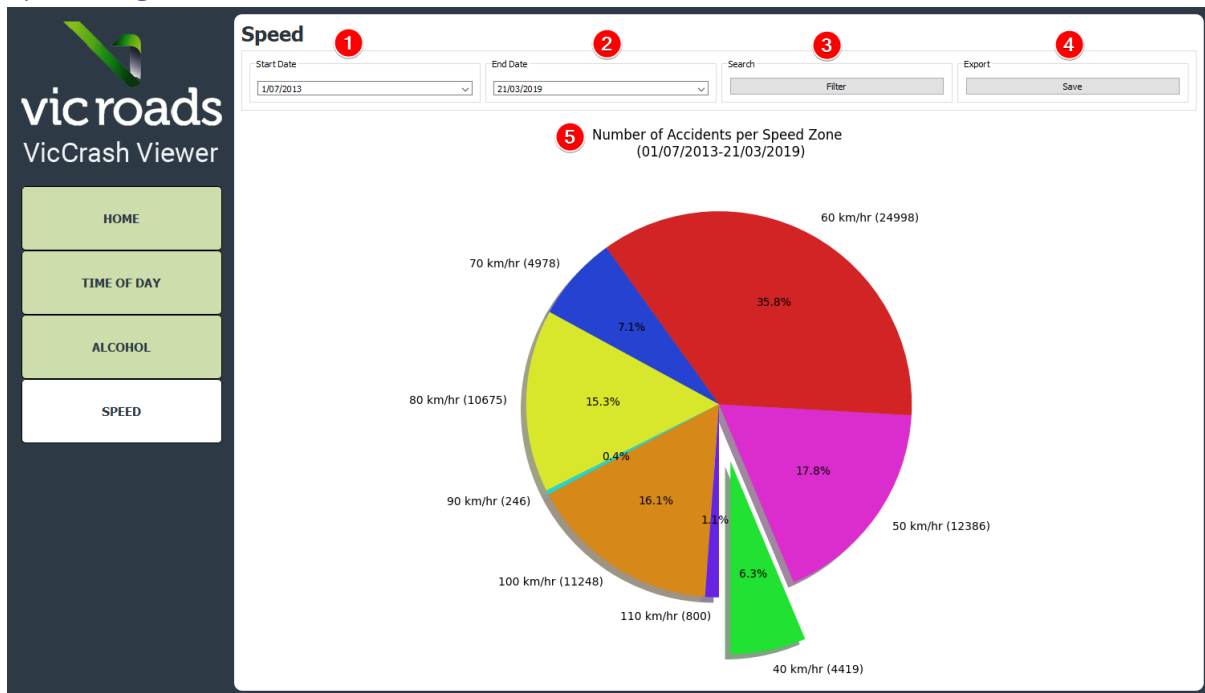


This will return an updated comparison (1) pie chart and an update collision type (2) bar chart and you can export with 'Save' (3).

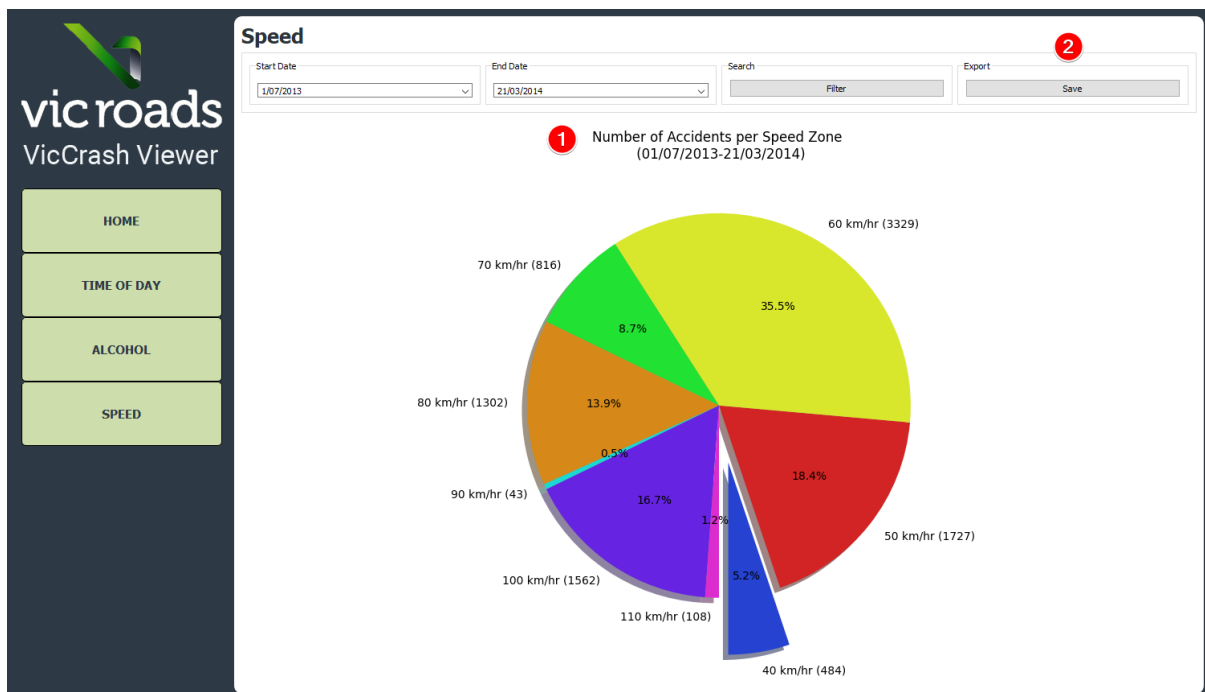


VICCRASH VIEWER

Speed Page



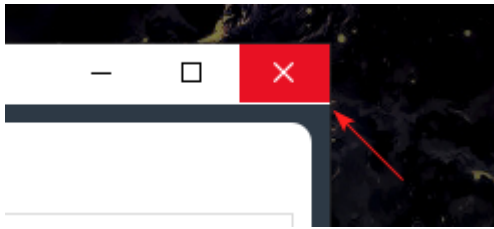
The speed page allows you to visualise the number of accidents per speed zone in Victoria (5). Using the start (1) and end (2) date inputs, followed by 'Filter' (3) will show an updated chart for your chosen date range allowing you to narrow down the rate of accidents for each zone per date range. You can export this chart with 'Save' (4).



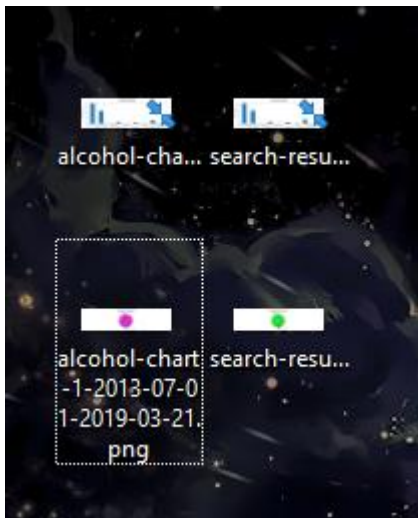
After the search is performed, you will see an updated chart (1) and you can filter again as required for different date ranges and you can export with 'Save' (2).



Closing and Saved Charts



When you are finished using the VicCrash Viewer, you may select the red X in the upper right corner of the application and close it. The application will be available again at the location you extracted it.



You will find all your saved charts wherever you installed the application, they will have automatically generated names depending on the chart you exported and the date range.

If you need to update the application, simply follow the steps outlined in Setup, but delete the viccrash.exe and data folder before doing so.

We hope you enjoy being able to browse this very large dataset in an easier manner, with some extra visualisation tools to help you.

