Transport Connected Bus Program
Quick Reference Guide (QRG)
Generate a Detail Report in Traffic Studio v0.1

Contents

Overview

Bus Operators and TfNSW Contract Managers can use Traffic Studio to validate reports, seek data on various scenarios to answer queries and investigate events.

How to compare planned and actual route data

Bus Operators and Contract Managers require detailed information of planned vs actual route data, which is found via a Detail Report.

There is provision to examine historical route data to confirm activities enroute.
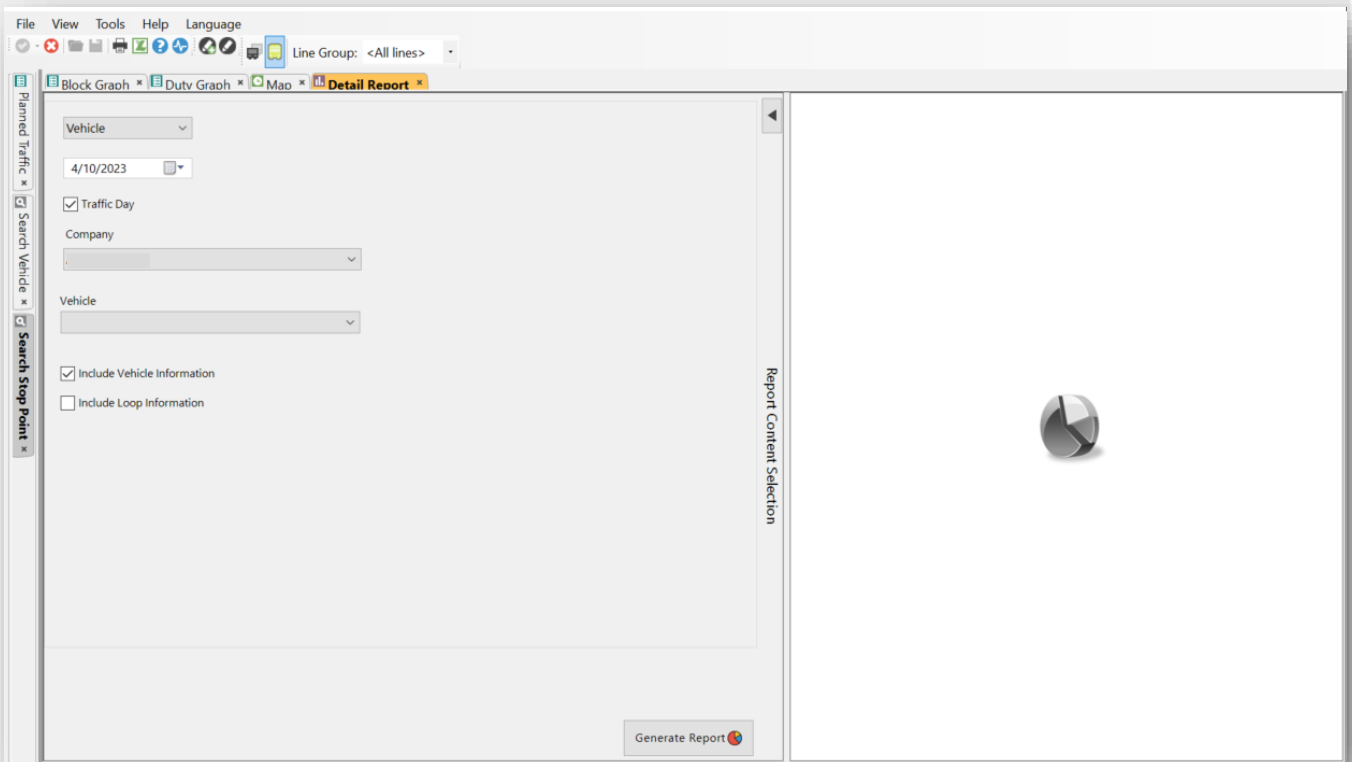
Transport Connected Bus

How to Generate a Report in Traffic Studio

A Detail Report gives a detailed view of a Vehicle, Block, Line/Journey or Duty. The report details each activity on the journey.

Step 1 - Select **Tools – Statistics – Detail Report**
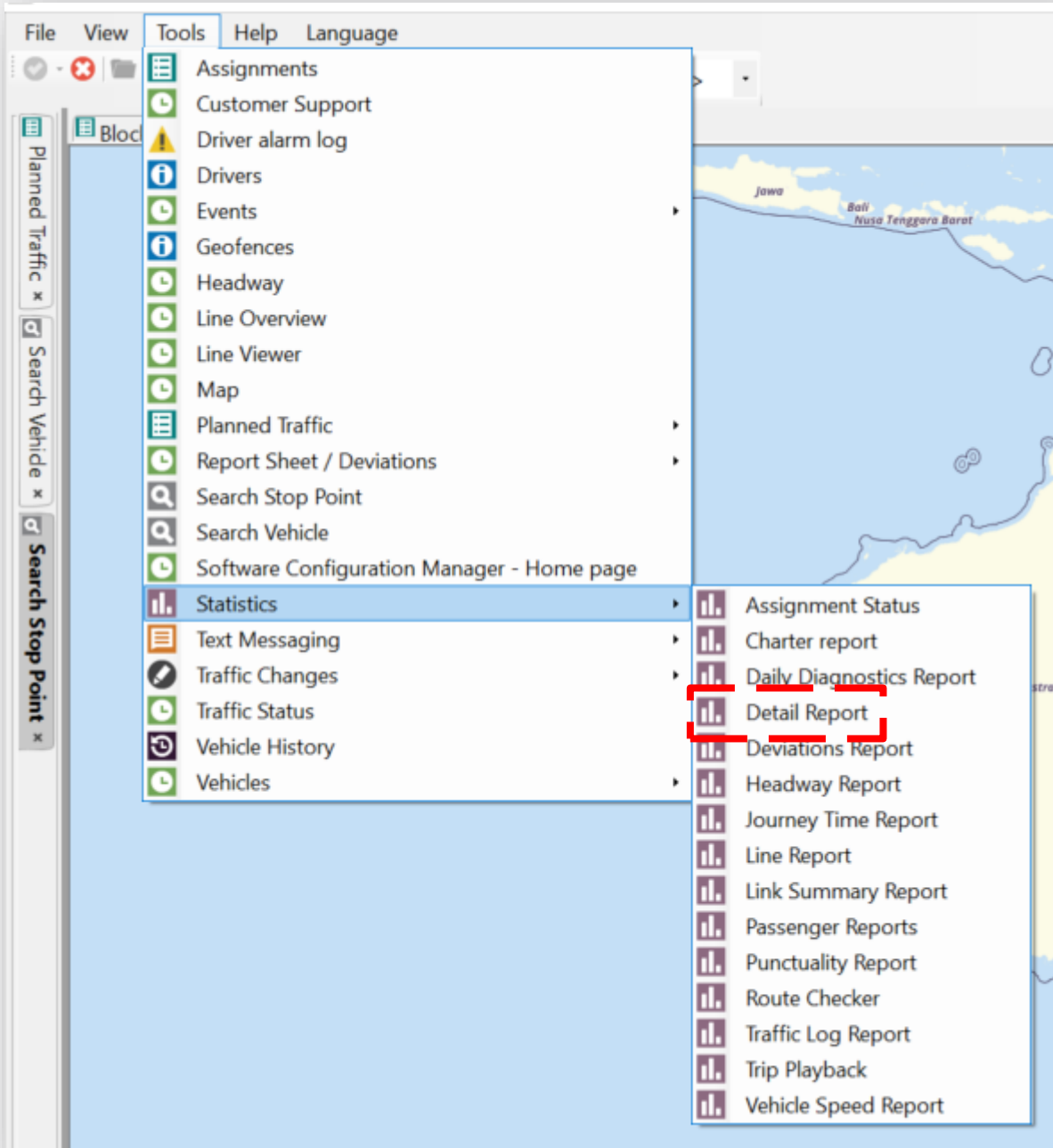
The **Detail Report screen** appears.

Note: The Detail Report screen is divided into two sections. **The left window is where you define your parameters** for the report you require, and **on the right is where the report will appear**.

Minimise Tool Windows to get more screen space

Before you begin working with the Detail Report (or any Traffic Studio report), you can minimise the **Left Tool Window** and the **Bottom Tool Widow** to give yourself more space to work and more screen space to see the full report, when you have generated it.

Click the **black arrow** in the Left Tool Window to minimise the window,
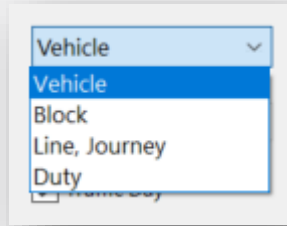click the **black arrow** in the Bottom Tool Window to minimise it.
This can be adapted as a standard procedure for using any of the reports in Traffic Studio.
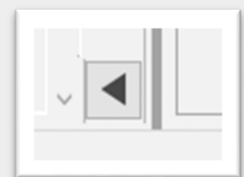
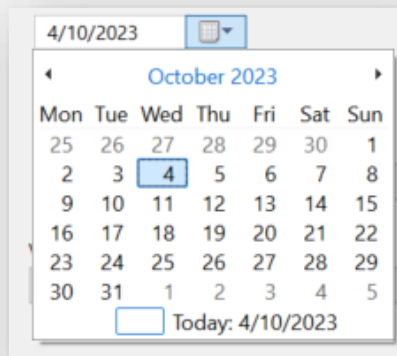**Note**: Those black arrows will remain visible on your screen.

To maximise/restore the Left Tool Window and the Bottom Tool Window, click on those arrows again to restore your view of those tools.

Step 2 – Select either **Vehicle, Block, Line/Journey** or **Duty**.

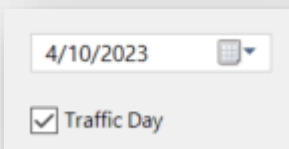**Step 3** – Select the **date** for your report.
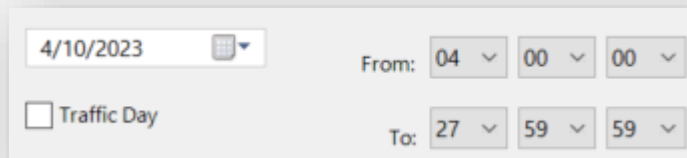
Step 4 – Either leave **Traffic Day** checked, to view data for the whole day or uncheck and manually select the desired time period.

Step 4 – Your company name will populate automatically. Select the **Vehicle, Block, Line/Journey** or **Duty** from the list.

Company

[   ] ⌄

Vehicle

3243 ⌄

☑ Include Vehicle Information

☐ Include Loop Information

Step 7 - Click **Generate Report** to generate the report.

Generate Report 🥧
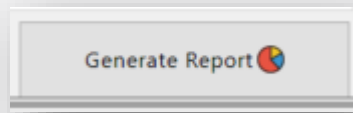
Step 8 - The report now will load with your contract's data.

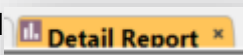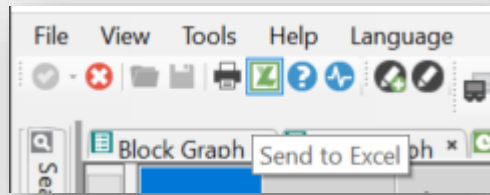| Line	Journey	Journey Status	Block	Assignment Block	Duty	Vehicle	Destination	Stop Point	Stop Point ID	Event	Distance	Deviation	Stay Time	Sign Control	Onboard	In	Out	Passengers valid	Valid flags statisti	Difference	Vehicle Date	Vehicle Time	Sequence Number
		Between	0			1515				GPS heading		-00:02:15							OK	0s, 120ms	2023-09-05	15:03:45	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	-00:02:14							OK	0s, 73ms	2023-09-05	15:03:46	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Passenger Counter	At Stop, 0	-00:02:14							OK	0s, 67ms	2023-09-05	15:03:46	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Journey Update	At Stop, 0	-00:01:58							OK	0s, 97ms	2023-09-05	15:04:02	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Door open	At Stop, 1	-00:01:56							OK	0s, 80ms	2023-09-05	15:04:05	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	-00:01:27							OK	0s, 70ms	2023-09-05	15:04:33	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	-00:00:56							OK	0s, 57ms	2023-09-05	15:05:04	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	-00:00:25							OK	0s, 20ms	2023-09-05	15:05:35	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:00:06							OK	0s, 80ms	2023-09-05	15:06:06	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:00:37							OK	0s, 10ms	2023-09-05	15:06:37	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:01:08							OK	0s, 26ms	2023-09-05	15:07:08	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:01:39							OK	0s, -20ms	2023-09-05	15:07:39	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:02:10							OK	0s, 340ms	2023-09-05	15:08:10	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:02:41							OK	0s, 450ms	2023-09-05	15:08:41	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Door close	At Stop, 0	00:03:01							OK	0s, -87ms	2023-09-05	15:09:01	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Time deviation update	At Stop, 0	00:03:12							OK	0s, 57ms	2023-09-05	15:09:12	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Leaving stop (pre-dep...	At Stop, Leaving stop...	00:03:13							OK	0s, -63ms	2023-09-05	15:09:13	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		GPS heading	At Stop, Leaving stop...	00:03:22							OK	0s, -93ms	2023-09-05	15:09:24	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Stop point departure	Departure Report, 50	00:03:21	00:04:13		8	8 [8]	0 [0]	Valid	OK	0s, -107ms	2023-09-05	15:09:28	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Passenger Counter	50	00:03:21							OK	0s, -100ms	2023-09-05	15:09:28	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		GPS heading	237	00:03:20							OK	0s, 280ms	2023-09-05	15:09:58	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		Zone state event	237	00:03:20							OK	0s, 273ms	2023-09-05	15:09:58	
	100000516	Started	0			1515	Henry St ...	Werris Creek ...		GPS heading	303	00:03:19							OK	0s, -57ms	2023-09-05	15:10:08	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		GPS heading	At Stop, 14	00:03:18							OK	0s, -103ms	2023-09-05	15:10:19	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		Stop point pass-by	Stop point pass by, 25	00:03:29							OK	0s, -73ms	2023-09-05	15:10:29	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		Time deviation update	29	00:04:00							OK	0s, 46ms	2023-09-05	15:11:00	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		Zone state event	33	00:04:13							OK	0s, -14ms	2023-09-05	15:11:14	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		Zone state event	45	00:04:18							OK	0s, -106ms	2023-09-05	15:11:19	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		GPS heading	105	00:04:29							OK	0s, -164ms	2023-09-05	15:11:30	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		Time deviation update	121	00:04:31							OK	0s, -150ms	2023-09-05	15:11:31	
	100000516	Started	0			1515	Henry St ...	Werris Creek Li...		GPS heading	184	00:04:43							OK	0s, -130ms	2023-09-05	15:11:44	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		GPS heading	At Stop, 8	00:04:52							OK	0s, -160ms	2023-09-05	15:11:54	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Stop point pass-by	Stop point pass by, 25	00:04:53							OK	0s, 434ms	2023-09-05	15:11:58	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Audio call error	25	00:04:53							OK	0s, 74ms	2023-09-05	15:11:58	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		GPS distance	261	00:04:35							OK	0s, -180ms	2023-09-05	15:12:28	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Time deviation update	388	00:04:22							OK	0s, -173ms	2023-09-05	15:12:39	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Door open	441	00:04:23							OK	0s, -153ms	2023-09-05	15:12:51	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Door close	442	00:04:30							OK	0s, -97ms	2023-09-05	15:12:59	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Unexpected door open	Unexpected Door Op...	00:04:30							OK	0s, -100ms	2023-09-05	15:12:59	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		Passenger Counter	442	00:04:35							OK	0s, -180ms	2023-09-05	15:13:04	
	100000516	Started	0			1515	Henry St ...	Henry af Coro...		GPS heading	524	00:04:35							OK	0s, -160ms	2023-09-05	15:13:20	
	100000516	Started	0			1515	Henry St ...	Russell St		Stop point pass-by	Stop point pass by, 25	00:04:27			6	0 [0]	2 [2]	Valid	OK	0s, -213ms	2023-09-05	15:13:32	
	100000516	Started	0			1515	Henry St ...	Russell St		Audio call error	25	00:04:27							OK	0s, -220ms	2023-09-05	15:13:33	
	100000516	Started	0			1515	Henry St ...	Russell St		GPS heading	119	00:04:22							OK	0s, -237ms	2023-09-05	15:13:47	

Block Graph × | Duty Graph × | Map × | **Detail Report** ×

Report Content Selection

When you have finished with the report, you can close it by clicking on the **X** in the **Detail Report** orange highlighted 📊 **Detail Report** ×

Step 9 - If you wish to keep and perform statistical analysis of the data, click the **export to Excel button** in the function bar.

Step 10 – Choose **where** to save your file.

Step 11 - Open the **Excel file.** The spreadsheet can be manipulated using the standard statistical and data sorting tools found in Excel.

Glossary of Detail Report terms

| Line | Journey | Journey Status | Block | Assignment Block | Duty | Driver | Vehicle | Destination | Stop Point | Stop Point ID | Event | Distance | Deviation | Stay Time | Sign Control | Onboard | In | Out | Passengers valid | Valid Flags, statistics | Radio | System Date | Difference | Vehicle Date |

Label	Contains
Line	Route number e.g. S133 or S253
Journey	The Trip ID is created by the operator – each journey is a unique number e.g., 1000000445 or 100793759
Journey Status	Status of the journey, either: - Between (traveling to/from trip) - Started (currently on a trip) - Ended (trip complete)
Block	Block associated with this trip e.g., AM33 or PM677
Assignment Block	N/A
Duty	Duty associated with this trip e.g., AM33 or PM677
Driver	Name of driver who logged into the driver console
Vehicle	Vehicle number e.g., 1515 or 8078
Destination	Trip destination
Stop Point	Stop point on the route
Stop Point ID	ID of Stop Point
Event	Actions including door open, door close, passenger counter triggered, stop point pass-by, and more
Distance	Distance to next stop
Deviation	The deviation between the timetable and actual event, with a colour-coded category (early: -1 min 59 seconds, late: 5 mins 59 seconds) o Red = early o No colour = on time o Blue = late

Stay Time	The time spent at the stop
Sign Control	N/A
Onboard	Number of passengers currently onboard the vehicle
In	Number of passengers who entered the vehicle
Out	Number of passengers who departed the vehicle

Who do I contact if I have more questions?

If you have any questions or concerns, please: email TCB.Team@transport.nsw.gov.au

If you are not yet live with TCB; or raise a ticket via OT Connect if you are already live with TCB.