

# Doncaster Traffic Intelligence Profile

SCATS-based vehicle movement profile generated from the Melbourne SCATS Intelligence Platform. Historical signalised-intersection movement analysis covering 2014–2026.

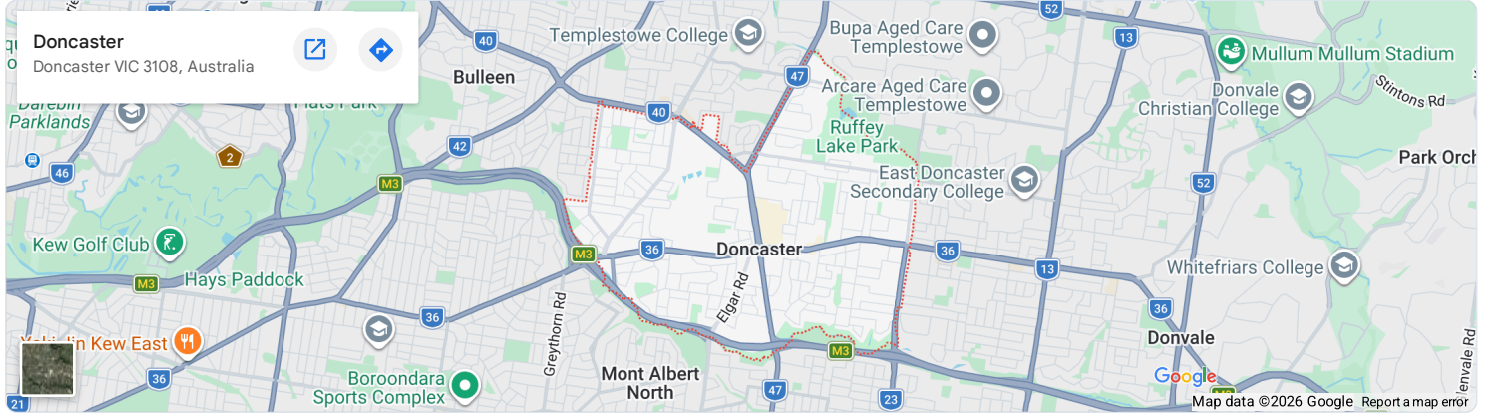
Generated: 20 May 2026   Suburb rank: #42   SCATS sites: 20   Postcode(s): 3108



I'm your local mate with a few trailers right next to The West Gate Freeway!

## Suburb Map

This map provides geographic context for the suburb profile and the surrounding road network. For individual SCATS sensor locations, use the map links in the Top SCATS Sites and Sensor Inventory tables.



## Executive Snapshot

Doncaster contains 20 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,224,577,457 vehicle movements, or approximately 3,224.6M.

The busiest mapped SCATS location in Doncaster is Eastern Freeway / Doncaster, with 283,748,882 recorded movements across the historical period.

**3,224.6M**  
Total mapped vehicle movements

**20**  
Mapped SCATS sites

**#42**  
Melbourne suburb movement rank

**161,228,872**  
Average movements per site

**Interpretation:** This profile should be read as a suburb-level movement exposure report based on mapped SCATS sensor locations. It is useful for local traffic reporting, OOH exposure review, planning discussion, business-location context and public-interest transport analysis.

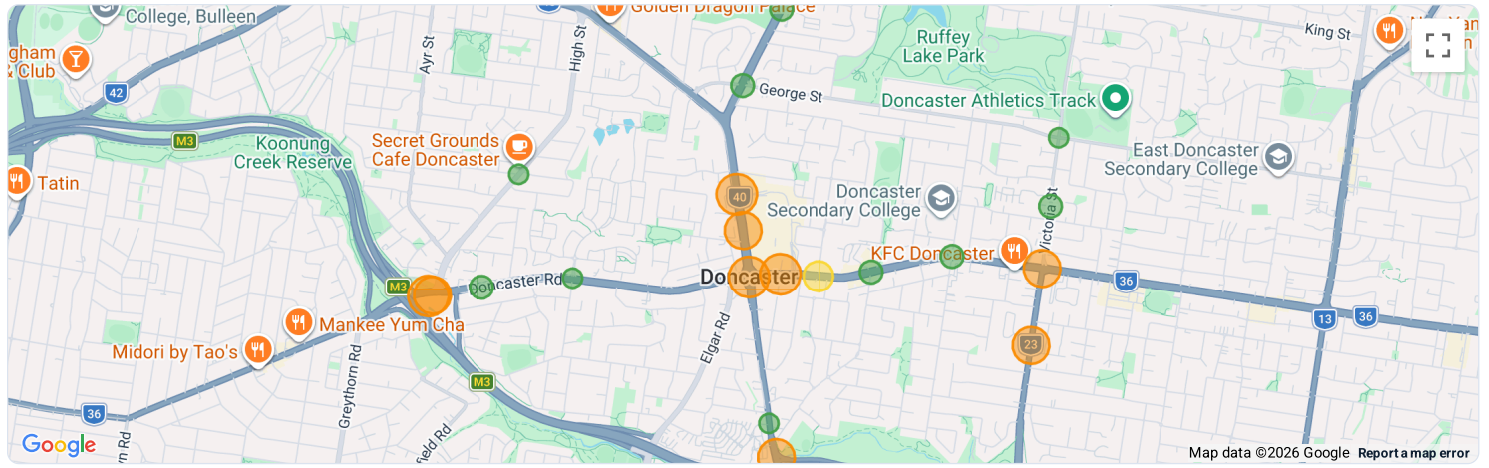
## Top SCATS Sites in Doncaster

#	SCATS ID	Location	Total movements	Millions	Rank
1	2828	Eastern Freeway / Doncaster EASTERN FWY/DONCASTER	283,748,882	283.7M	237
2	326	Doncaster / Frederick / Shopping DONCASTER/FREDERICK/SHOPPING	273,345,265	273.3M	279
3	325	Doncaster / Tram / Williamsons DONCASTER/TRAM/WILLIAMSONS	264,532,142	264.5M	307
4	318	Williamsons / Shop Town Ent N WILLIAMSONS/SHOP TOWN ENT N	254,620,023	254.6M	352
5	696	WETHERBY near ROSS WETHERBY NR ROSS	223,956,121	224.0M	520
6	2830	Doncaster / High DONCASTER/HIGH	207,909,029	207.9M	639
7	319	Williamsons / Shop Town Ent South WILLIAMSONS/SHOP TOWN ENT SOUTH	207,034,495	207.0M	648
8	330	Doncaster / Wetherby / Victoria DONCASTER/WETHERBY/VICTORIA	194,290,453	194.3M	778
9	3919	Eastern Freeway / Tram EASTERN FWY/TRAM	192,872,794	192.9M	796
10	327	Doncaster / Council DONCASTER/COUNCIL	146,007,759	146.0M	1350

**Note:** SCATS locations are assigned to suburbs using the latitude/longitude of each site. Boundary roads may influence nearby suburbs even when assigned to one suburb for repeatable reporting.

## SCATS Sensor Map

This map shows the location of each mapped SCATS sensor associated with **Doncaster**. Circle colours match the main full-network SCATS map. Click any circle to view the site name, movement total and a direct Google Maps link.



### Traffic intensity circles

● Red — Top 5% busiest Melbourne-wide  
● Orange — Top 20% busiest Melbourne-wide  
● Yellow — Middle-volume Melbourne-wide  
● Green — Lower-volume mapped site  
 Circle colours are based on each SCATS site's Melbourne-wide rank across the cleaned archive, not just its rank within this suburb. Circle size is scaled lightly by traffic intensity.

Provider: Google Maps circle overlays - Sensors plotted: 20. For PDF export, you will usually get a better result by replacing this live map with a static PNG screenshot.

## Local Movement Context

### Busiest Local Site

**Eastern Freeway / Doncaster**  
 283,748,882 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Doncaster ranks **#42** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Doncaster
- Williamsons
- Eastern
- Tram
- Shop Town
- High
- Victoria
- George

**OOH and media relevance:** Suburbs with concentrated SCATS movement corridors can be useful for billboard exposure review, local traffic journalism, corridor analysis and business-location intelligence.

## SCATS Sensor Inventory

SCATS ID	Friendly name	Official name	Total movements
2828	Eastern Freeway / Doncaster	EASTERN FWY/DONCASTER	283,748,882
326	Doncaster / Frederick / Shopping	DONCASTER/FREDERICK/SHOPPING	273,345,265
325	Doncaster / Tram / Williamsons	DONCASTER/TRAM/WILLIAMSONS	264,532,142
318	Williamsons / Shop Town Ent N	WILLIAMSONS/SHOP TOWN ENT N	254,620,023
696	WETHERBY near ROSS	WETHERBY NR ROSS	223,956,121
2830	Doncaster / High	DONCASTER/HIGH	207,909,029
319	Williamsons / Shop Town Ent South	WILLIAMSONS/SHOP TOWN ENT SOUTH	207,034,495
330	Doncaster / Wetherby / Victoria	DONCASTER/WETHERBY/VICTORIA	194,290,453
3919	Eastern Freeway / Tram	EASTERN FWY/TRAM	192,872,794
327	Doncaster / Council	DONCASTER/COUNCIL	146,007,759
2043	Doncaster / Whittens	DONCASTER/WHITTENS	142,820,105
329	Doncaster / Church	DONCASTER/CHURCH	141,506,142
687	Williamsons / George	WILLIAMSONS/GEORGE	133,979,006
323	DONCASTER near HENDER	DONCASTER NR HENDER	128,606,195
2040	Williamsons / Aquarena / North	WILLIAMSONS/AQUARENA/NORTH	114,941,575
1376	VICTORIA near DOMAINE DR	VICTORIA NR DOMAINE DR	114,665,140
692	Victoria / George	VICTORIA/GEORGE	74,618,439
2046	Doncaster Road / Pettys Lane	Doncaster Road / Pettys Lane	74,174,543
316	HIGH near VILLAGE	HIGH NR VILLAGE	39,713,380
2098	Tram Road between Eildon Street & Grand Boulevard	Tram Road between Eildon Street & Grand Boulevard	11,235,969

## Methodology and Platform Context

This suburb profile is one local report generated from the wider **Melbourne SCATS Intelligence** platform. The platform converts more than 12 years of Melbourne traffic signal data into a public-facing transport intelligence layer covering historical movement totals, site rankings, corridor behaviour, suburb profiles, OOH exposure review, and reproducible data-quality evidence.

**37,877,000,000**

Cleaned 15-minute SCATS observations

**539,021,000,000**

Total cleaned vehicle movements analysed platform-wide

**148/148**

Expected months processed in the reporting window

**2014-2026**

Historical coverage window

**How to read this suburb report:** the suburb total shown earlier in this profile is this suburb's portion of the mapped SCATS movement layer. The Melbourne-wide figures above describe the scale of the full platform, not this suburb alone. The suburb profile layer turns the city-wide dataset into **517** suburb/locality reports using **4,427** mapped SCATS sites.

- Input suburb summary: suburb\_summary\_v1.json
- Input site lookup: scats\_site\_suburb\_lookup\_cleaned\_v1\_4.csv
- Suburb/locality profiles generated: **517**
- Mapped SCATS sites used in the suburb reporting layer: **4,427**
- Movement total represented by the mapped suburb profile layer: **532,181,076,069 movements**
- Time resolution: **15-minute intervals**

**Boundary caution:** Some SCATS sensors sit on arterial roads, freeway interfaces or suburb boundaries. For repeatable reporting, each sensor is assigned to one suburb based on its coordinate. This makes the profiles reproducible, but nearby suburbs may still be affected by the same corridor.

Open-source project: <https://github.com/clarketowson/melbourne-scats-intelligence>