

# Dandenong South 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: #17   SCATS sites: 33   Postcode(s): 3175, 3177



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

Dandenong South contains 33 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 4,368,265,891 vehicle movements, or approximately 4,368.3M.

The busiest mapped SCATS location in Dandenong South is Dandenong Southern Bypass / Dandenong-Frankston, with 292,060,666 recorded movements across the historical period.

**4,368.3M**  
Total mapped vehicle movements

**33**  
Mapped SCATS sites

**#17**  
Melbourne suburb movement rank

**132,371,693**  
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.

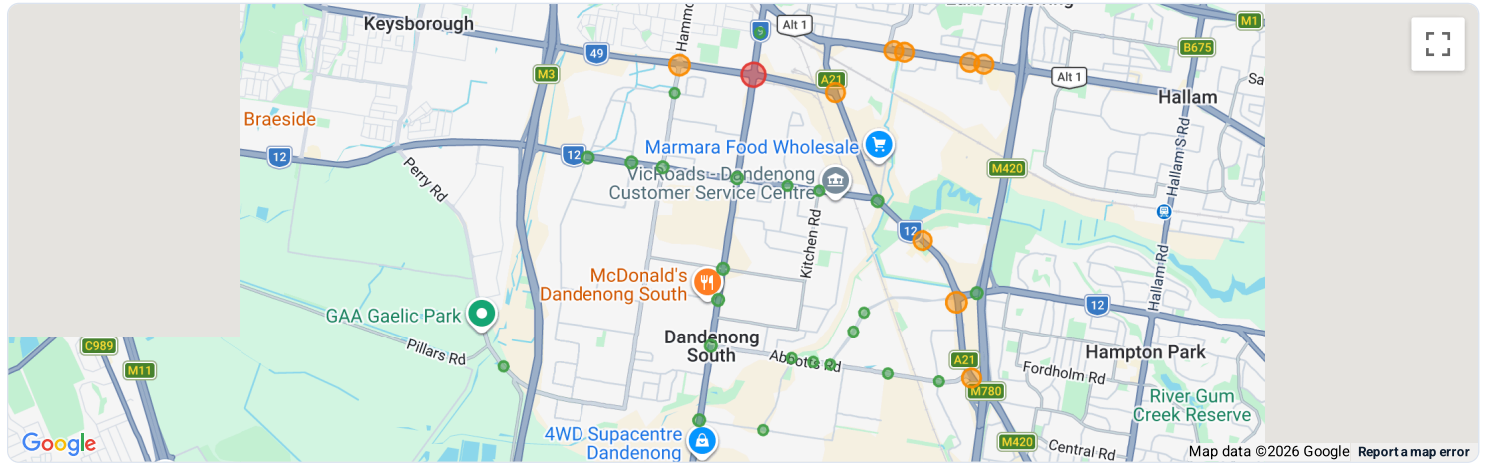
## Top SCATS Sites in Dandenong South

#	SCATS ID	Location	Total movements	Millions	Rank
1	1121	Dandenong Southern Bypass / Dandenong-Frankston DANDENONG SOUTHERN BYPASS/DANDENONG-FRANKSTON	292,060,666	292.1M	209
2	974	STH GIPPS'D Highway / POUND STH GIPPS'D HWY/POUND	285,077,723	285.1M	232
3	1120	Dandenong Southern Bypass / Hammond DANDENONG SOUTHERN BYPASS/HAMMOND	255,132,963	255.1M	347
4	965	STH GIPPSLAND Highway / WATERVIEW STH GIPPSLAND HWY/WATERVIEW	225,610,326	225.6M	506
5	1122	DANDENONG SOUTH BYPASS / STH GIPPSLAND Highway DANDENONG SOUTH BYPASS/STH GIPPSLAND HWY	215,402,072	215.4M	575
6	201	Princes Highway East / POWER PHE/POWER	204,391,826	204.4M	678
7	1094	Princes Highway East / OLIVE PHE/OLIVE	203,060,411	203.1M	693
8	961	STH GIPPS'D Highway / ABBOTTS STH GIPPS'D HWY/ABBOTTS	197,855,058	197.9M	745
9	599	Princes Highway East / PROGRESS PHE/PROGRESS	195,725,817	195.7M	762
10	611	Princes Highway East / HOGS BREATH / GMH ENT PHE/HOGS BREATH/GMH ENT	194,207,819	194.2M	780

**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 **Dandenong South**. 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: 33. 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

**Dandenong Southern Bypass / Dandenong-Frankston**  
 292,060,666 vehicle movements  
 Open busiest site in Google Maps

### Suburb Rank

Dandenong South ranks **#17** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- High
- Greens
- Abbots
- Princes
- STH GIPPS'D
- Hammond
- Frankston-Dandenong
- Pound

**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
1121	Dandenong Southern Bypass / Dandenong-Frankston	DANDENONG SOUTHERN BYPASS/DANDENONG-FRANKSTON	292,060,666
974	STH GIPPS'D Highway / POUND	STH GIPPS'D HWY/POUND	285,077,723
1120	Dandenong Southern Bypass / Hammond	DANDENONG SOUTHERN BYPASS/HAMMOND	255,132,963
965	STH GIPPSLAND Highway / WATERVIEW	STH GIPPSLAND HWY/WATERVIEW	225,610,326
1122	DANDENONG SOUTH BYPASS / STH GIPPSLAND Highway	DANDENONG SOUTH BYPASS/STH GIPPSLAND HWY	215,402,072
201	Princes Highway East / POWER	PRINCES HWY EAST/POWER	204,391,826
1094	Princes Highway East / OLIVE	PRINCES HWY EAST/OLIVE	203,060,411
961	STH GIPPS'D Highway / ABBOTTS	STH GIPPS'D HWY/ABBOTTS	197,855,058
599	Princes Highway East / PROGRESS	PRINCES HWY EAST/PROGRESS	195,725,817
611	Princes Highway East / HOGS BREATH / GMH ENT	PRINCES HWY EAST/HOGS BREATH/GMH ENT	194,207,819
252	STH GIPPS'D Highway / GREENS	STH GIPPS'D HWY/GREENS	184,740,159
664	Frankston-Dandenong / Greens	FRANKSTON-DANDENONG/GREENS	183,482,940
1247	Streeth Gippsland Freeway / On-Ramp / Pound Road	STH GIPPSLAND FWY/ON-RAMP/POUND RD	153,225,736
304	Frankston-Dandenong / Abbots	FRANKSTON-DANDENONG/ABBOTTS	149,435,616
1312	Greens Road / Ordish Road / Northern Access Road	GREENS RD/ORDISH RD/NORTHERN ACCESS RD	142,099,614
665	Hammond / Greens	HAMMOND/GREENS	141,758,600
621	Dandenong Valley / Monterey / Elliott	DANDENONG VALLEY/MONTEREY/ELLIOTT	131,139,087
541	Dandenong-Frankston / Quality / Cojo	DANDENONG-FRANKSTON/QUALITY/COJO	125,197,437
1171	Frankston-Dandenong / Colemans	FRANKSTON-DANDENONG/COLEMANS	118,334,268
595	Greens / South Park Development Access	GREENS/SOUTH PARK DEVELOPMENT ACCESS	102,485,937
727	Greens / Lanyon	GREENS/LANYON	92,949,285
754	Greens / Kitchen	GREENS/KITCHEN	90,843,072
983	Abbots / Remington	ABBOTTS/REMINGTON	74,355,423
968	Abbots / Gaine / Monash	ABBOTTS/GAINE/MONASH	69,077,791
964	Abbots / Clelands Developments	ABBOTTS/CLELANDS DEVELOPMENTS	68,716,262
972	Abbots / National	ABBOTTS/NATIONAL	61,815,475
1588	Abbots Road / Produce Drive	Abbots Road / Produce Drive	56,511,820
1511	Hammond / Rodeo Drv / L'Avenueinr Blvd	HAMMOND/RODEO DRV/L'AVENIR BLVD	48,508,823
1028	Frank-Dandy / Kirkham	FRANK-DANDY/KIRKHAM	35,691,342
3491	Perry Road / Freight Drive	Perry Road / Freight Drive	30,075,041
1158	Colemans / Produce	COLEMANS/PRODUCE	18,920,239
5430	Pound Road West / Ventura Place	Pound Road West / Ventura Place	11,290,798
5429	Pound Road West / Hydrive Close	Pound Road West / Hydrive Close	9,086,445

## 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>