

Dandenong Traffic Intelligence Profile

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

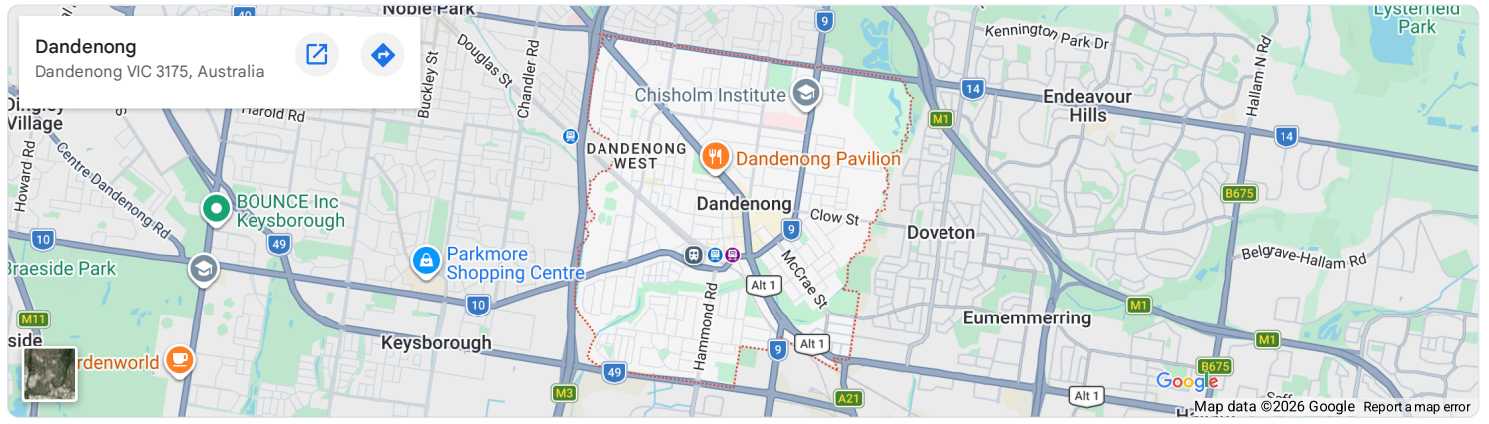
Generated: 20 May 2026 Suburb rank: #4 SCATS sites: 41 Postcode(s): 3173, 3175



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 contains 41 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 6,004,722,890 vehicle movements, or approximately 6,004.7M.

The busiest mapped SCATS location in Dandenong is Princes Highway East (LONSDALE) / WALKER, with 380,350,457 recorded movements across the historical period.

6,004.7M
Total mapped vehicle movements

41
Mapped SCATS sites

#4
Melbourne suburb movement rank

146,456,655
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.

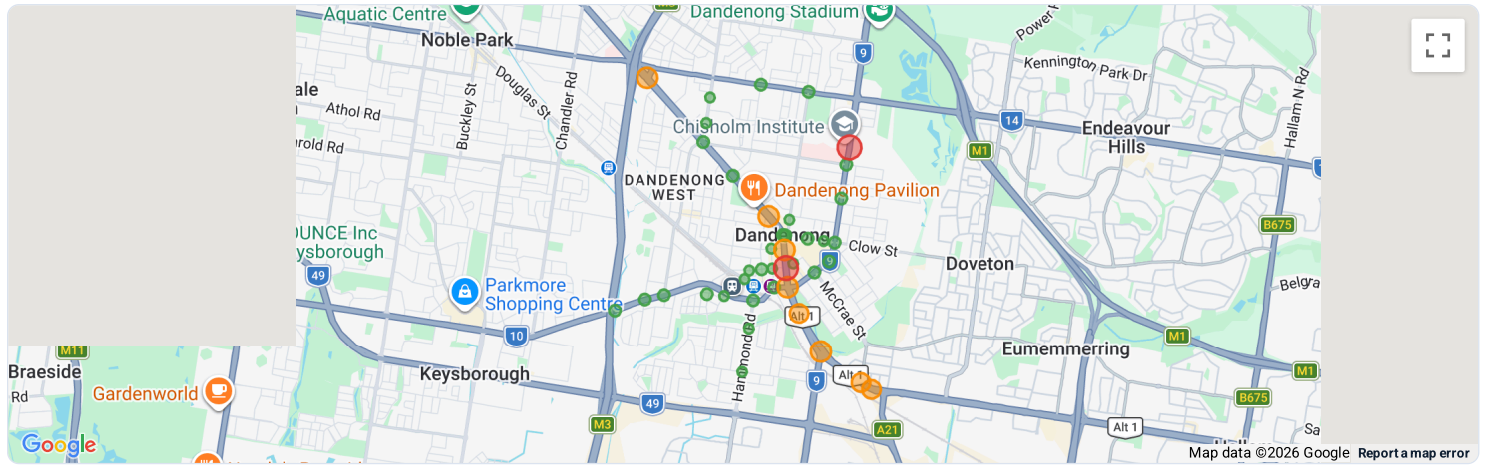
Top SCATS Sites in Dandenong

#	SCATS ID	Location	Total movements	Millions	Rank
1	195	Princes Highway East (LONSDALE) / WALKER PHE (LONSDALE)/WALKER	380,350,457	380.4M	64
2	202	STUD near OSWALD STUD NR OSWALD	352,422,511	352.4M	93
3	1182	Princes Highway East / LINK PHE/LINK	284,038,392	284.0M	236
4	991	Princes Highway East / ROBINSON PHE/ROBINSON	264,134,522	264.1M	310
5	674	Princes Highway East (LONSDALE) / SCOTT / LANGHORNE PHE (LONSDALE)/SCOTT/LANGHORNE	263,677,961	263.7M	311
6	196	Princes Highway East / FOSTER PHE/FOSTER	260,815,192	260.8M	323
7	198	Princes Highway East / FRANKSTON-DANDENONG PHE/FRANKSTON-DANDENONG	250,369,410	250.4M	367
8	199	Princes Highway East / PLUNKETT PHE/PLUNKETT	200,339,015	200.3M	723
9	200	Princes Highway East / STH GIPPSLAND Highway PHE/STH GIPPSLAND HWY	196,123,581	196.1M	758
10	197	Princes Highway East / WEBSTER PHE/WEBSTER	195,138,741	195.1M	765

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**. 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: 41. 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

Princes Highway East (LONSDALE) / WALKER
380,350,457 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Dandenong ranks **#4** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- Princes
- Cheltenham
- Foster
- Walker
- Stud
- Clow
- Thomas

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
195	Princes Highway East (LONSDALE) / WALKER	PRINCES HWY EAST (LONSDALE)WALKER	380,350,457
202	STUD near OSWALD	STUD NR OSWALD	352,422,511
1182	Princes Highway East / LINK	PRINCES HWY EAST/LINK	284,038,392
991	Princes Highway East / ROBINSON	PRINCES HWY EAST/ROBINSON	264,134,522
674	Princes Highway East (LONSDALE) / SCOTT / LANGHORNE	PRINCES HWY EAST (LONSDALE)/SCOTT/LANGHORNE	263,677,961
196	Princes Highway East / FOSTER	PRINCES HWY EAST/FOSTER	260,815,192
198	Princes Highway East / FRANKSTON-DANDENONG	PRINCES HWY EAST/FRANKSTON-DANDENONG	250,369,410
199	Princes Highway East / PLUNKETT	PRINCES HWY EAST/PLUNKETT	200,339,015
200	Princes Highway East / STH GIPPSLAND Highway	PRINCES HWY EAST/STH GIPPSLAND HWY	196,123,581
197	Princes Highway East / WEBSTER	PRINCES HWY EAST/WEBSTER	195,138,741
194	Princes Highway East / CLOW	PRINCES HWY EAST/CLOW	189,454,388
192	Princes Highway East / GLADSTONE / JONES	PRINCES HWY EAST/GLADSTONE/JONES	173,347,248
253	Foster / Ent Capital Centre	FOSTER/ENT CAPITAL CENTRE	171,173,548
646	Stud / Clow	STUD/CLOW	168,411,619
1111	Eastlink / Cheltenham Interchange	EASTLINK/CHELTHENHAM INTERCHANGE	161,503,491
660	Stud Road / Herbert Street	STUD RD / HERBERT ST	160,409,838
671	Stud / David	STUD/DAVID	154,432,262
981	Princes Highway East / JAMES	PRINCES HWY EAST/JAMES	144,063,661
960	CLOW near CLEELAND	CLOW NR CLEELAND	140,018,769
648	Mccrae / Foster	MCCRAE/FOSTER	138,453,142
269	Cheltenham / Dingley / Sinclair	CHELTHENHAM/DINGLEY/SINCLAIR	129,771,981
1019	Cheltenham / Allan	CHELTHENHAM/ALLAN	128,573,410
663	Heatherton / James	HEATHERTON/JAMES	125,031,238
959	Heatherton / Boyd / Cleeland	HEATHERTON/BOYD/CLEELAND	121,832,047
650	Cheltenham / Foster / Thomas	CHELTHENHAM/FOSTER/THOMAS	114,265,375
1237	Walker / Mason	WALKER/MASON	113,859,981
668	Cheltenham / Bennet	CHELTHENHAM/BENNET	110,363,971
952	Clow Street / Dandenong Market Access	CLOW ST/DANDENONG MARKET ACCESS	107,931,414
651	Cheltenham / Hammond	CHELTHENHAM/HAMMOND	102,800,785
564	Cheltenham / Kenesally	CHELTHENHAM/KENEALLY	97,817,152
649	Walker / Thomas	WALKER/THOMAS	89,993,229
655	Hammond / Kirkham	HAMMOND/KIRKHAM	74,835,543
1238	George / Ruddock	GEORGE/RUDDOCK	72,581,699
669	Clow / Walker	CLOW/WALKER	72,383,446
667	Hammond / Webster	HAMMOND/WEBSTER	65,533,632
969	Gladstone / Perkin / Gateway	GLADSTONE/PERKIN/GATEWAY	54,401,950

SCATS ID	Friendly name	Official name	Total movements
1177	Walker / Langhorne	WALKER/LANGHORNE	45,452,580
643	GLADSTONE near JANICE	GLADSTONE NR JANICE	41,931,520
955	CLEELAND near KING	CLEELAND NR KING	33,393,399
1521	Foster / Rudduck	FOSTER/RUDDUCK	31,923,277
1482	Thomas Street / Scott Street	Thomas Street / Scott Street	21,367,513

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>