

Tarneit 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: #100

SCATS sites: 26

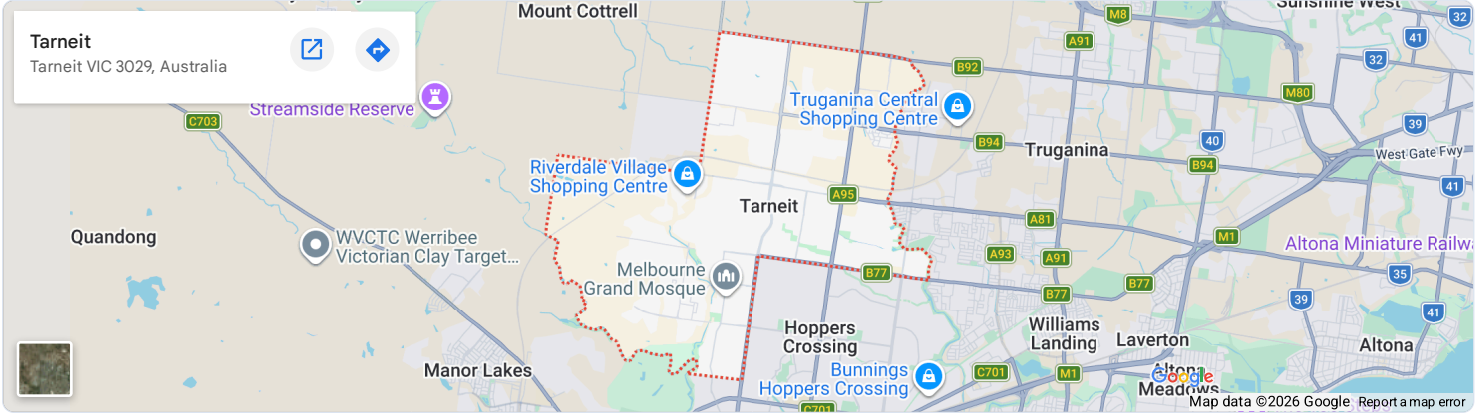
Postcode(s): 3029



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

Tarneit contains 26 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,684,369,199 vehicle movements, or approximately 1,684.4M.

The busiest mapped SCATS location in Tarneit is Derrimut / Leakes, with 180,212,073 recorded movements across the historical period.

1,684.4M

Total mapped vehicle movements

26

Mapped SCATS sites

#100

Melbourne suburb movement rank

64,783,430

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.

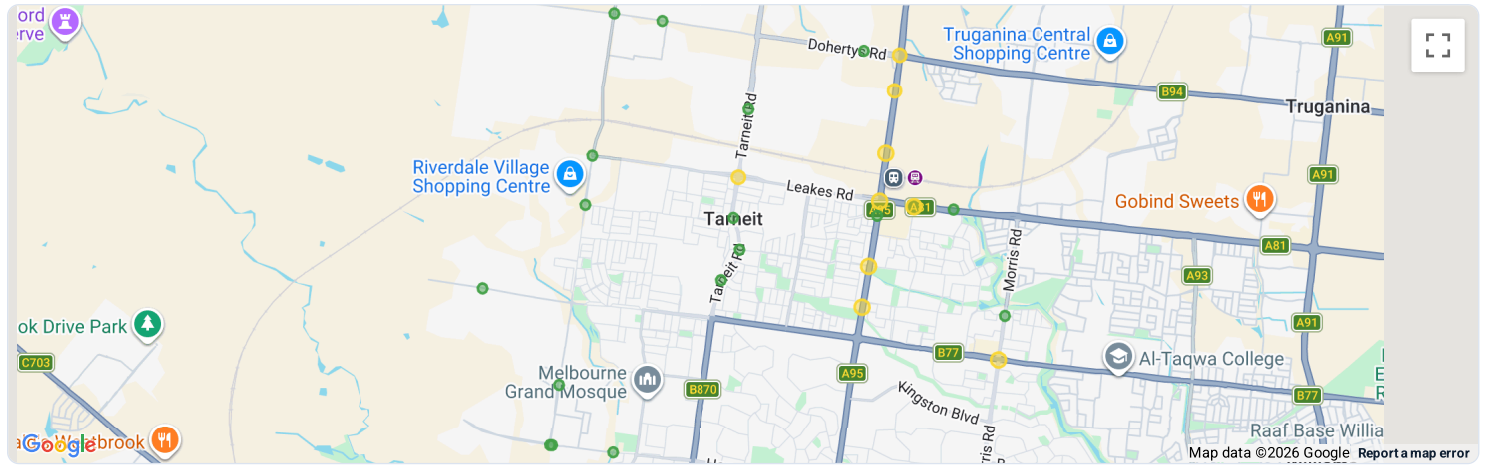
Top SCATS Sites in Tarneit

#	SCATS ID	Location	Total movements	Millions	Rank
1	5235	Derrimut / Leakes DERRIMUT/LEAKES	180,212,073	180.2M	926
2	5268	Sayers / Morris SAYERS/MORRIS	172,855,648	172.9M	990
3	1343	DERRIMUT RD between INVERELL AND RIPPLESIDE DERRIMUT RD BTW INVERELL AND RIPPLESIDE	134,858,876	134.9M	1523
4	3767	Derrimut / Poplar / Baden Powell DERRIMUT/POPLAR/BADEN POWELL	130,781,349	130.8M	1582
5	5325	Leakes / Sunset Views / Tarneit Station LEAKES/ SUNSET VIEWS / TARNEIT STATION	105,441,248	105.4M	2167
6	5324	Derrimut / Tarneit Station DERRIMUT/TARNEIT STATION	103,108,843	103.1M	2221
7	5317	Tarneit / Leakes TARNEIT/LEAKES	90,306,725	90.3M	2524
8	2133	Derrimut Road near Dry Creek Derrimut Road near Dry Creek	86,654,905	86.7M	2612
9	5388	Derrimut / Dohertys DERRIMUT / DOHERTYS	86,460,999	86.5M	2617
10	1551	Derrimut Road / Rose Grange Access Road Derrimut Road / Rose Grange Access Road	74,629,910	74.6M	2926

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 **Tarneit**. 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: 26. 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

Derrimut / Leakes
 180,212,073 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Tarneit ranks **#100** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Tarneit
- Derrimut
- Leakes
- Davis
- Dohertys
- Hogans
- Sayers
- Morris

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
5235	Derrimut / Leakes	DERRIMUT/LEAKES	180,212,073
5268	Sayers / Morris	SAYERS/MORRIS	172,855,648
1343	DERRIMUT RD between INVERELL AND RIPPLESIDE	DERRIMUT RD BTW INVERELL AND RIPPLESIDE	134,858,876
3767	Derrimut / Poplar / Baden Powell	DERRIMUT/POPLAR/BADEN POWELL	130,781,349
5325	Leakes / Sunset Views / Tarneit Station	LEAKES/ SUNSET VIEWS / TARNEIT STATION	105,441,248
5324	Derrimut / Tarneit Station	DERRIMUT/TARNEIT STATION	103,108,843
5317	Tarneit / Leakes	TARNEIT/LEAKES	90,306,725
2133	Derrimut Road near Dry Creek	Derrimut Road near Dry Creek	86,654,905
5388	Derrimut / Dohertys	DERRIMUT / DOHERTYS	86,460,999
1551	Derrimut Road / Rose Grange Access Road	Derrimut Road / Rose Grange Access Road	74,629,910
1330	Tarneit Road / Wickford Road / Houghton Avenue	TARNEIT RD/WICKFORD RD/HOUGHTON AVE	68,106,809
1334	Tarneit / Baratta / Hummingbird	TARNEIT/BARATTA/HUMMINGBIRD	67,287,223
5345	Tarneit Rd / Loretta Blvd / Obsidian Av	Tarneit Rd / Loretta Blvd / Obsidian Av	64,341,557
5321	Morris / Thomas Carr / Spring Haven	MORRIS/THOMAS CARR/SPRING HAVEN	49,623,517
1745	Leakes Road / Davis Road	Leakes Road / Davis Road	40,140,300
1448	Davis / Hummingbird	Davis / Hummingbird	39,533,512
5380	Hogans near Riversdale	Hogans near Riversdale	34,107,868
1966	Dohertys Road / Padma Boulevard / Sapling Boulevard	DOHERTYS ROAD / PADMA BOULEVARD / SAPLING BOULEVARD	32,875,090
32076	Leakes Rd / Tarneit Park Hub Access Roadway	Leakes Rd/ Tarneit Park Hub Access Roadway	32,290,950
1405	Tarneit Road / Madden Boulevard	Tarneit Road / Madden Boulevard	29,581,380
5377	Davis Rd / Bethany Rd	Davis Rd / Bethany Rd	20,678,143
5373	Davis Road / Hogans Road	Davis Road / Hogans Road	15,148,113
5374	Sayers Road / Hermosa Dve / Medallion Blvd	SAYERS RD / HERMOSA DVE / MEDALLION BLVD	9,306,681
5452	Dohertys Road / Davis Road	DOHERTYS RD / DAVIS RD	9,146,528
5398	Hogans Road / Connaught Road	Hogans Road/ Connaught Road	4,450,804
32019	Dohertys Road / Modesto Drive	Dohertys Road / Modesto Drive	2,440,148

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>