

South Yarra Traffic Intelligence Profile

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

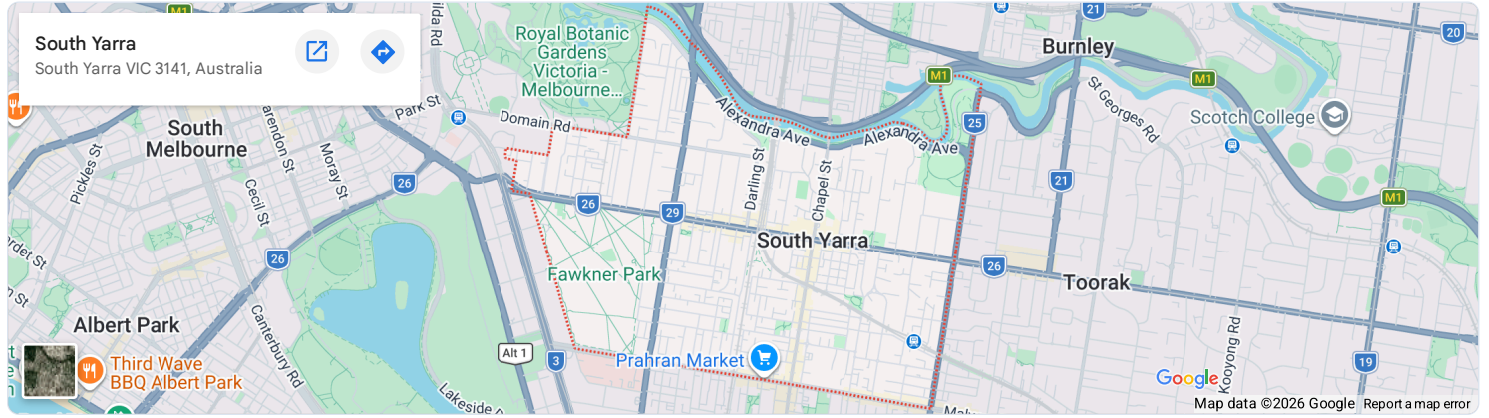
Generated: 20 May 2026 Suburb rank: #28 SCATS sites: 26 Postcode(s): 3141, 3181



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

South Yarra contains 26 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,859,035,667 vehicle movements, or approximately 3,859.0M.

The busiest mapped SCATS location in South Yarra is **TOORAK near OSBORNE**, with 411,127,240 recorded movements across the historical period.

3,859.0M
Total mapped vehicle movements

26
Mapped SCATS sites

#28
Melbourne suburb movement rank

148,424,448
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.

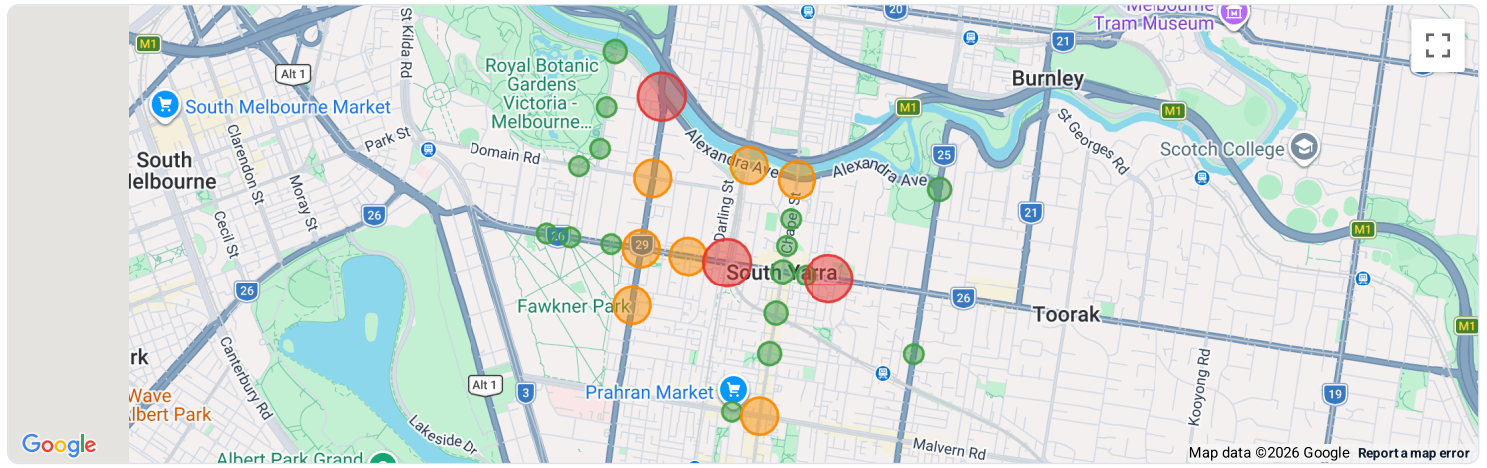
Top SCATS Sites in South Yarra

#	SCATS ID	Location	Total movements	Millions	Rank
1	4742	TOORAK near OSBORNE TOORAK NR OSBORNE	411,127,240	411.1M	41
2	3395	Punt / Alexandra PUNT/ALEXANDRA	297,668,130	297.7M	189
3	4744	TOORAK near SURREY TOORAK NR SURREY	290,075,067	290.1M	215
4	3397	Punt / Toorak PUNT/TOORAK	245,510,197	245.5M	389
5	4753	Malvern / Chapel / Bray / Little Chapel MALVERN/CHAPEL/BRAY/LITTLE CHAPEL	244,445,011	244.4M	396
6	4741	TOORAK near MYRTLE TOORAK NR MYRTLE	215,527,454	215.5M	573
7	1306	Alexandra Avenue / Yarra Street ALEXANDRA AVENUE / YARRA STREET	210,152,914	210.2M	619
8	3398	Punt / Pasley Nth PUNT/PASLEY NTH	204,848,946	204.8M	669
9	3396	Punt / Domain PUNT/DOMAIN	193,422,258	193.4M	791
10	4740	Chapel / Alexandra / Church CHAPEL/ALEXANDRA/CHURCH	187,183,984	187.2M	849

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 **South Yarra**. 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

TOORAK near OSBORNE
 411,127,240 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

South Yarra ranks **#28** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Chapel
- Alexandra
- Toorak
- TOORAK
- Punt
- Domain
- Anderson
- OSBORNE

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
4742	TOORAK near OSBORNE	TOORAK NR OSBORNE	411,127,240
3395	Punt / Alexandra	PUNT/ALEXANDRA	297,668,130
4744	TOORAK near SURREY	TOORAK NR SURREY	290,075,067
3397	Punt / Toorak	PUNT/TOORAK	245,510,197
4753	Malvern / Chapel / Bray / Little Chapel	MALVERN/CHAPEL/BRAY/LITTLE CHAPEL	244,445,011
4741	TOORAK near MYRTLE	TOORAK NR MYRTLE	215,527,454
1306	Alexandra Avenue / Yarra Street	ALEXANDRA AVENUE / YARRA STREET	210,152,914
3398	Punt / Pasley Nth	PUNT/PASLEY NTH	204,848,946
3396	Punt / Domain	PUNT/DOMAIN	193,422,258
4740	Chapel / Alexandra / Church	CHAPEL/ALEXANDRA/CHURCH	187,183,984
4743	Toorak / Chapel	TOORAK/CHAPEL	164,513,123
4739	Alexandra / Williams Nth	ALEXANDRA/WILLIAMS NTH	126,050,747
4552	Alexandra / Anderson	ALEXANDRA/ANDERSON	118,243,742
4771	Chapel / Wilson / Garden	CHAPEL/WILSON/GARDEN	105,462,817
3917	Chapel / Palermo	CHAPEL/PALERMO	101,758,984
3654	Chapel / Malcolm	CHAPEL/MALCOLM	98,342,280
2981	WILLIAMS near CASSELL	WILLIAMS NR CASSELL	92,335,904
2982	Toorak / River	TOORAK/RIVER	89,954,191
2987	Toorak / Park	TOORAK/PARK	85,653,562
4545	TOORAK near MILLSWYN	TOORAK NR MILLSWYN	81,104,781
4737	Chapel / Daly	CHAPEL/DALY	76,176,506
4537	Commercial / Izett	COMMERCIAL/IZETT	67,976,692
3158	Toorak Road near Walsh Street	Toorak Road near Walsh Street	57,857,220
4548	Domain / Park / Birdwood	DOMAIN/PARK/BIRDWOOD	51,083,960
4555	ANDERSON near ACLAND	ANDERSON NR ACLAND	26,103,782
3463	Anderson St nr Fairlie Crt-Clowes St	Anderson St nr Fairlie Crt-Clowes St	16,456,175

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>