

Northcote Traffic Intelligence Profile

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

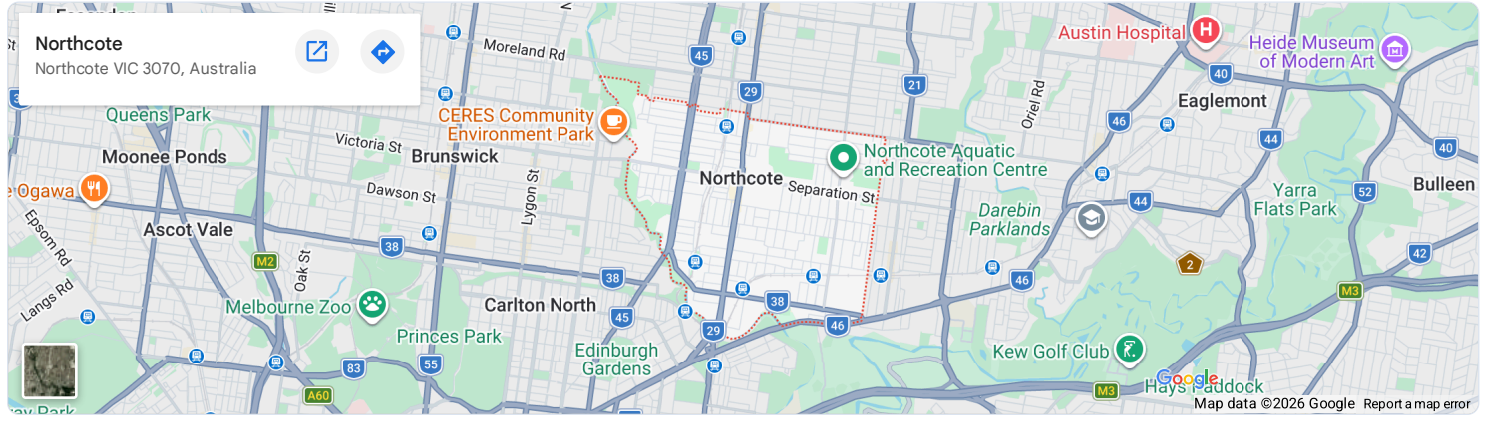
Generated: 20 May 2026 Suburb rank: #49 SCATS sites: 19 Postcode(s): 3070, 3078



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

Northcote contains 19 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,952,074,800 vehicle movements, or approximately 2,952.1M.

The busiest mapped SCATS location in Northcote is St Georges / Merri / Charles, with 375,708,270 recorded movements across the historical period.

2,952.1M
Total mapped vehicle movements

19
Mapped SCATS sites

#49
Melbourne suburb movement rank

155,372,357
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.

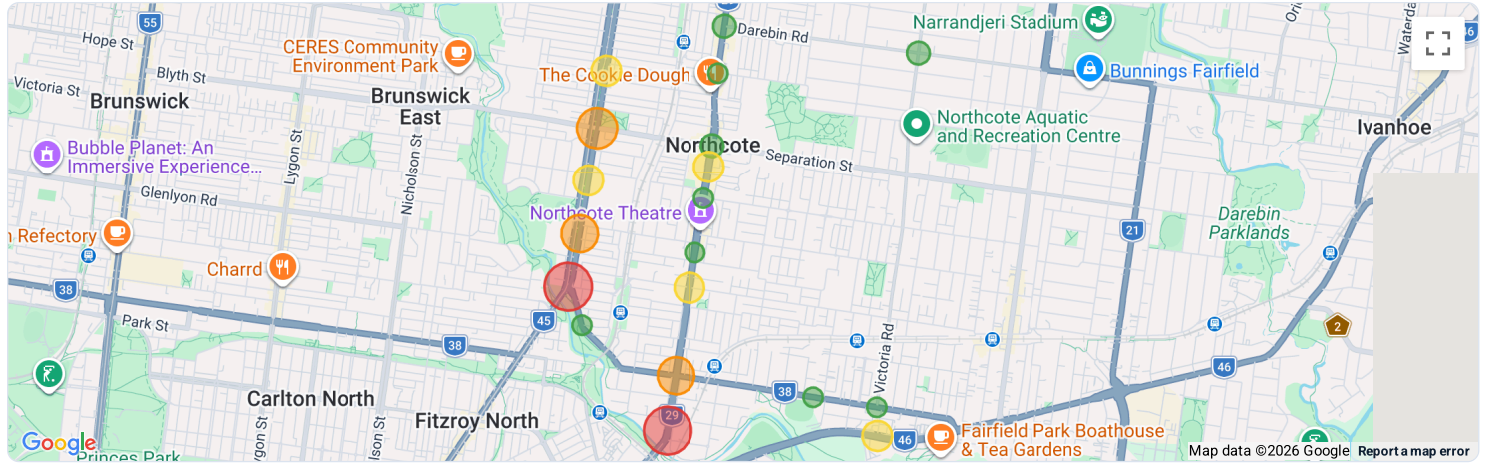
Top SCATS Sites in Northcote

#	SCATS ID	Location	Total movements	Millions	Rank
1	3671	St Georges / Merri / Charles ST GEORGES/MERRI/CHARLES	375,708,270	375.7M	70
2	4155	HIGH near WALKER HIGH NR WALKER	365,437,068	365.4M	84
3	4668	St Georges / Arthurton ST GEORGES/ARTHURTON	255,100,087	255.1M	348
4	4676	ST GEORGES near WESTBOURNE ST GEORGES NR WESTBOURNE	227,175,147	227.2M	493
5	4682	High / Westgarth HIGH/WESTGARTH	222,394,479	222.4M	530
6	4685	ST GEORGES near BEAVERS ST GEORGES NR BEAVERS	163,980,765	164.0M	1104
7	4665	ST GEORGES near SUMNER ST GEORGES NR SUMNER	158,504,029	158.5M	1169
8	4681	High / Clarke HIGH/CLARKE	155,618,796	155.6M	1202
9	4657	HIGH near LAWRY HIGH NR LAWRY	141,509,546	141.5M	1421
10	3305	Heidelberg / Yarra Bend / Jeffrey HEIDELBERG/YARRA BEND/JEFFREY	141,152,811	141.2M	1430

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 **Northcote**. 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: 19. 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

St Georges / Merri / Charles
 375,708,270 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Northcote ranks **#49** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- GEORGES
- Georges
- Merri
- Arthurton
- WESTBOURNE
- Westgarth
- Jeffrey

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
3671	St Georges / Merri / Charles	ST GEORGES/MERRI/CHARLES	375,708,270
4155	HIGH near WALKER	HIGH NR WALKER	365,437,068
4688	St Georges / Arthurton	ST GEORGES/ARTHURTON	255,100,087
4676	ST GEORGES near WESTBOURNE	ST GEORGES NR WESTBOURNE	227,175,147
4682	High / Westgarth	HIGH/WESTGARTH	222,394,479
4685	ST GEORGES near BEAVERS	ST GEORGES NR BEAVERS	163,980,765
4665	ST GEORGES near SUMNER	ST GEORGES NR SUMNER	158,504,029
4681	High / Clarke	HIGH/CLARKE	155,618,796
4657	HIGH near LAWRY	HIGH NR LAWRY	141,509,546
3305	Heidelberg / Yarra Bend / Jeffrey	HEIDELBERG/YARRA BEND/JEFFREY	141,152,811
4662	High / Darebin	HIGH/DAREBIN	115,770,039
4669	High / Separation / Arthurton	HIGH/SEPARATION/ARTHURTON	115,370,770
4664	Darebin / Victoria	DAREBIN/VICTORIA	106,518,770
4679	HIGH near MITCHELL	HIGH NR MITCHELL	99,137,658
4678	High / Dennis	HIGH/DENNIS	91,294,153
4680	HIGH near WESTBOURNE	HIGH NR WESTBOURNE	83,567,729
2970	Victoria / Westgarth / Jeffrey	VICTORIA/WESTGARTH/JEFFREY	80,585,143
2069	Merri Parade near Union Street	Merri Parade near Union Street	53,230,507
4683	WESTGARTH near GREEN	WESTGARTH NR GREEN	19,033

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

