

Thornbury Traffic Intelligence Profile

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

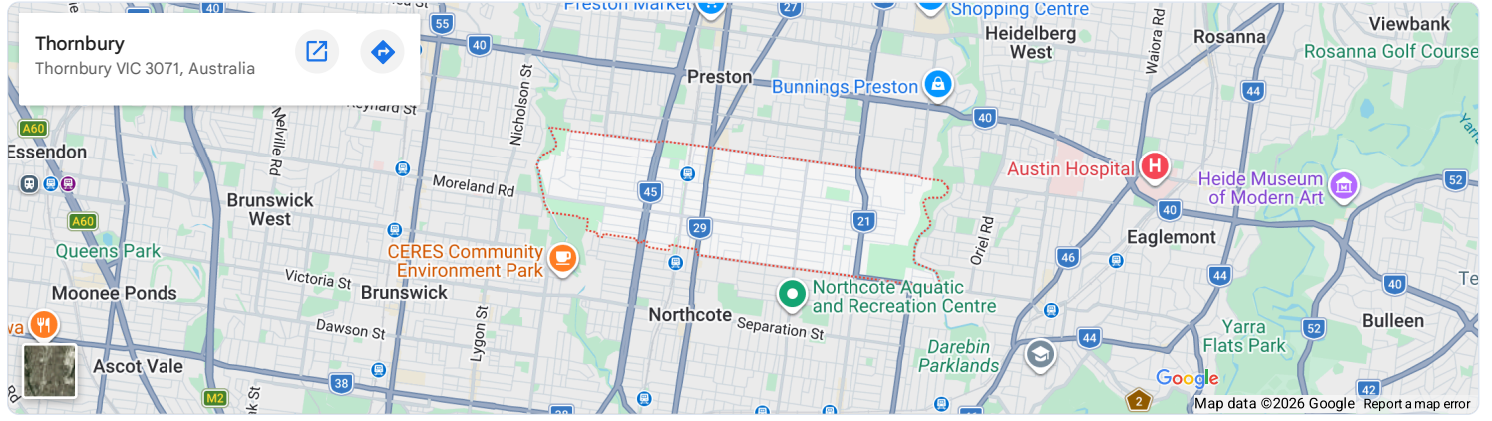
Generated: 20 May 2026 Suburb rank: #63 SCATS sites: 16 Postcode(s): 3071



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

Thornbury contains 16 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,451,633,713 vehicle movements, or approximately 2,451.6M.

The busiest mapped SCATS location in Thornbury is St Georges / Normanby, with 256,315,231 recorded movements across the historical period.

2,451.6M
Total mapped vehicle movements

16
Mapped SCATS sites

#63
Melbourne suburb movement rank

153,227,107
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.

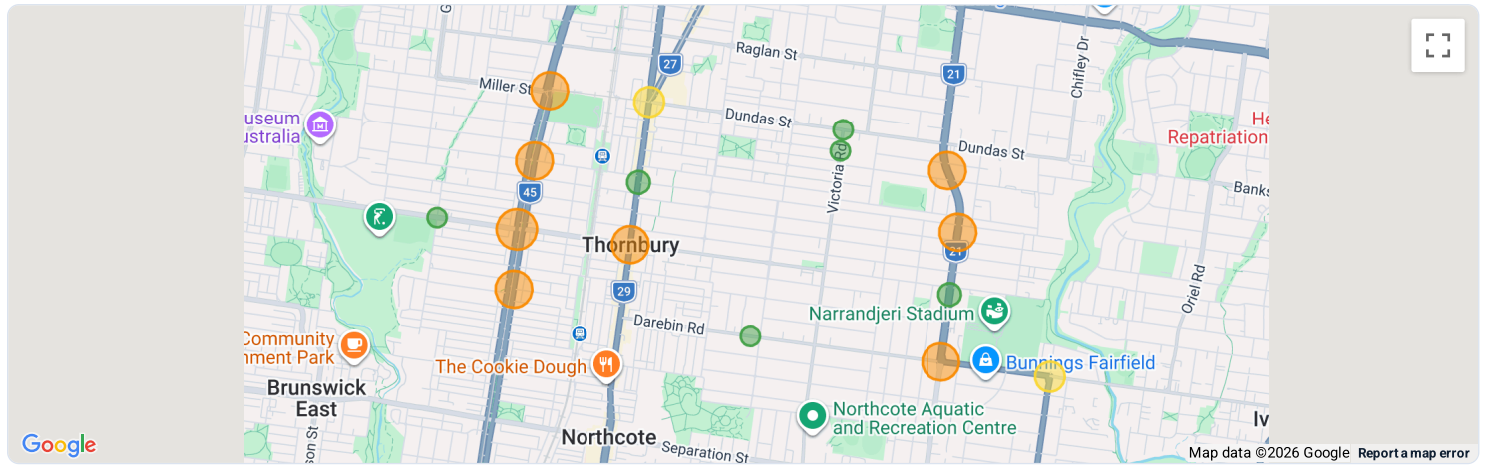
Top SCATS Sites in Thornbury

#	SCATS ID	Location	Total movements	Millions	Rank
1	4660	St Georges / Normanby ST GEORGES/NORMANBY	256,315,231	256.3M	344
2	3271	STATION near MANSFIELD STATION NR MANSFIELD	246,642,700	246.6M	384
3	4686	St Georges / Miller ST GEORGES/MILLER	225,035,640	225.0M	514
4	3267	Darebin / Station DAREBIN/STATION	211,157,160	211.2M	610
5	3272	STATION near COLLINS STATION NR COLLINS	208,880,267	208.9M	630
6	4675	St Georges / Hutton ST GEORGES/HUTTON	207,771,751	207.8M	641
7	4661	Clarendon / High / Normanby CLARENDON/HIGH/NORMANBY	187,458,784	187.5M	843
8	4160	ST GEORGES near KEMP ST GEORGES NR KEMP	186,127,831	186.1M	858
9	4667	Grange / Darebin GRANGE/DAREBIN	173,371,012	173.4M	981
10	3220	Plenty / High / Dundas / Miller PLENTY/HIGH/DUNDAS/MILLER	146,636,262	146.6M	1338

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 **Thornbury**. 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: 16. 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 / Normanby
 256,315,231 vehicle movements
 Open busiest site in Google Maps

Suburb Rank

Thornbury ranks **#63** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Georges
- Normanby
- High
- MANSFIELD
- Miller
- Darebin
- Dundas
- COLLINS

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
4660	St Georges / Normanby	ST GEORGES/NORMANBY	256,315,231
3271	STATION near MANSFIELD	STATION NR MANSFIELD	246,642,700
4686	St Georges / Miller	ST GEORGES/MILLER	225,035,640
3267	Darebin / Station	DAREBIN/STATION	211,157,160
3272	STATION near COLLINS	STATION NR COLLINS	208,880,267
4675	St Georges / Hutton	ST GEORGES/HUTTON	207,771,751
4661	Clarendon / High / Normanby	CLARENDON/HIGH/NORMANBY	187,458,784
4160	ST GEORGES near KEMP	ST GEORGES NR KEMP	186,127,831
4667	Grange / Darebin	GRANGE/DAREBIN	173,371,012
3220	Plenty / High / Dundas / Miller	PLENTY/HIGH/DUNDAS/MILLER	146,636,262
3266	STATION near CLARENDON	STATION NR CLARENDON	145,166,845
4677	HIGH near MANSFIELD	HIGH NR MANSFIELD	144,377,511
3117	Normanby / Leinster	NORMANBY/LEINSTER	71,744,485
3241	Victoria / Dundas	VICTORIA/DUNDAS	40,948,209
4673	VICTORIA near PENDER	VICTORIA NR PENDER	20
4663	DAREBIN near WALES	DAREBIN NR WALES	5

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>