

Narre Warren Traffic Intelligence Profile

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

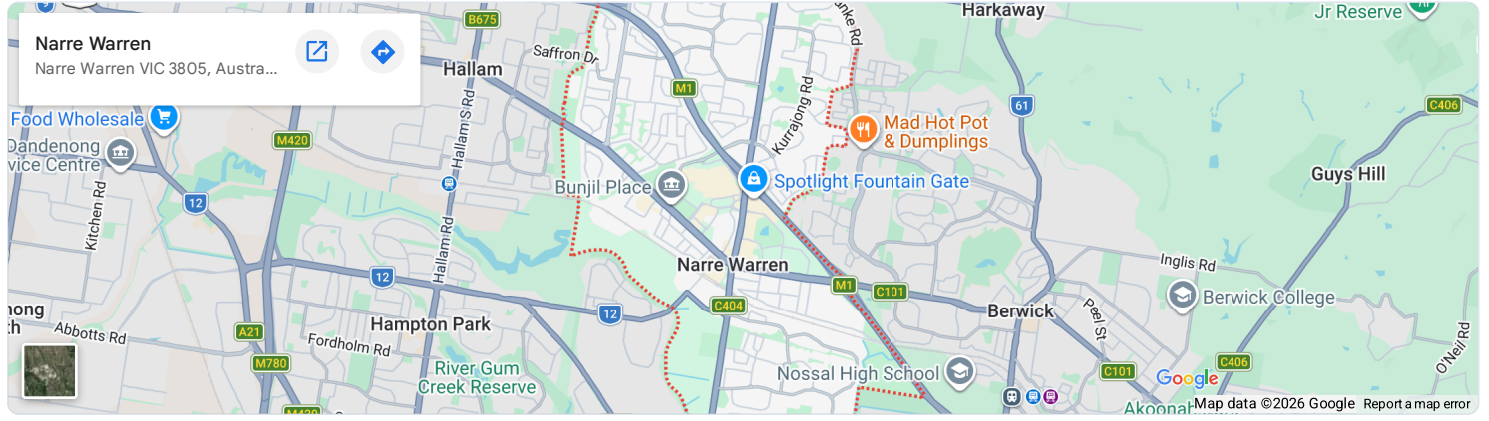
Generated: 20 May 2026 Suburb rank: #52 SCATS sites: 17 Postcode(s): 3805



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

Narre Warren contains 17 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,774,370,752 vehicle movements, or approximately 2,774.4M.

The busiest mapped SCATS location in Narre Warren is Princes Highway East / NARRE WARREN-CRANBOURNE, with 340,669,484 recorded movements across the historical period.

2,774.4M
Total mapped vehicle movements

17
Mapped SCATS sites

#52
Melbourne suburb movement rank

163,198,279
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.

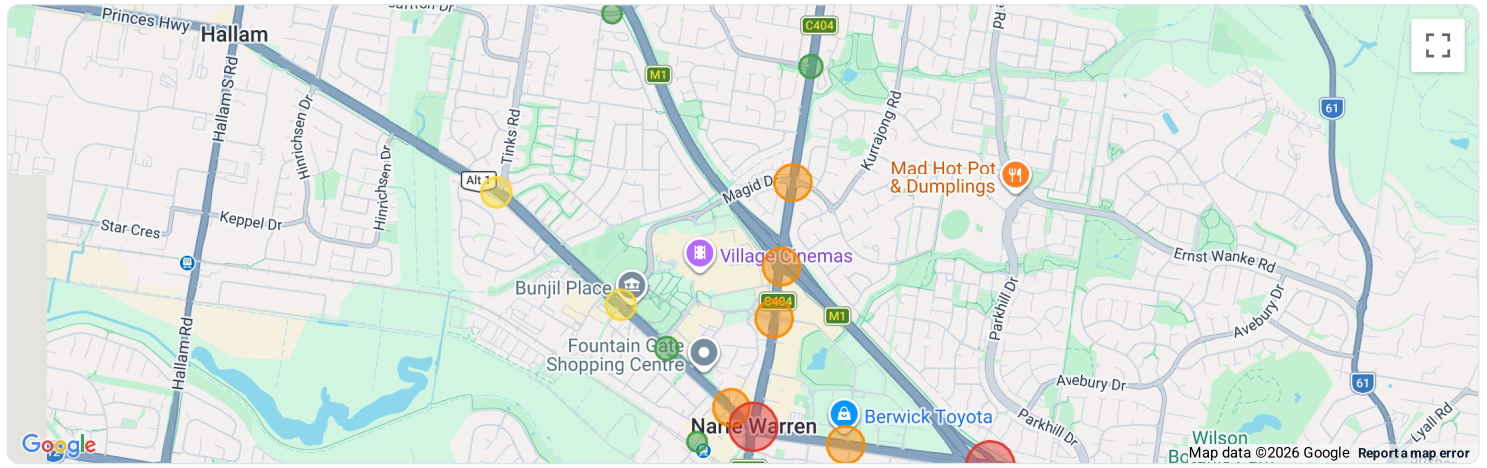
Top SCATS Sites in Narre Warren

#	SCATS ID	Location	Total movements	Millions	Rank
1	604	Princes Highway East / NARRE WARREN-CRANBOURNE PHE/NARRE WARREN-CRANBOURNE	340,669,484	340.7M	110
2	530	MONASH / Princes Highway East MONASH/PHE	293,698,864	293.7M	203
3	206	Princes Highway East / WEBB PHE/WEBB	243,121,045	243.1M	402
4	594	Monash Freeway / Narre Warren Nth MONASH FWY/NARRE WARREN NTH	242,485,106	242.5M	405
5	533	Narre Warren-Cranbourne / Fullard NARRE WARREN-CRANBOURNE/FULLARD	233,728,185	233.7M	451
6	543	Narre Warren Nth / Overland / Victor NARRE WARREN NTH/OVERLAND/VICTOR	206,965,164	207.0M	650
7	403	Narre Warren Nth / Magid / Ryelands NARRE WARREN NTH/MAGID/RYELANDS	189,074,559	189.1M	829
8	598	Princes Highway East / VICTOR PHE/VICTOR	185,263,935	185.3M	866
9	204	Princes Highway East / MAGID PHE/MAGID	172,872,149	172.9M	989
10	601	Princes Highway East / TINKS PHE/TINKS	159,904,062	159.9M	1151

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 **Narre Warren**. 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: 17. 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 / NARRE WARREN-CRANBOURNE

340,669,484 vehicle movements

[Open busiest site in Google Maps](#)

Suburb Rank

Narre Warren ranks **#52** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- Princes
- Narre Warren
- MONASH
- WEBB
- Monash Freeway
- Monash
- Shrives

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
604	Princes Highway East / NARRE WARREN-CRANBOURNE	PRINCES HWY EAST/NARRE WARREN-CRANBOURNE	340,669,484
530	MONASH / Princes Highway East	MONASH/PRINCES HWY EAST	293,698,864
206	Princes Highway East / WEBB	PRINCES HWY EAST/WEBB	243,121,045
594	Monash Freeway / Narre Warren Nth	MONASH FWY/NARRE WARREN NTH	242,485,106
533	Narre Warren-Cranbourne / Fullard	NARRE WARREN-CRANBOURNE/FULLARD	233,728,185
543	Narre Warren Nth / Overland / Victor	NARRE WARREN NTH/OVERLAND/VICTOR	206,965,164
403	Narre Warren Nth / Magid / Ryelands	NARRE WARREN NTH/MAGID/RYELANDS	189,074,559
598	Princes Highway East / VICTOR	PRINCES HWY EAST/VICTOR	185,263,935
204	Princes Highway East / MAGID	PRINCES HWY EAST/MAGID	172,872,149
601	Princes Highway East / TINKS	PRINCES HWY EAST/TINKS	159,904,062
445	Princes Highway East / OVERLAND	PRINCES HWY EAST/OVERLAND	151,284,101
396	Narre Warren Nth / Maramba	NARRE WARREN NTH/MARAMBA	106,396,033
509	Monash Freeway / Tinks	MONASH FWY/TINKS	92,075,695
397	Shrives / Centre	SHRIVES/CENTRE	88,954,425
1478	Shrives Road near Hallam Main drain	Shrives Road near Hallam Main drain	40,766,327
32072	WEBB ST near Narre Warren Station Car Park	WEBB ST near Narre Warren Station Car Park	13,843,247
523	JOSEPHINE near MONASH FWY	JOSEPHINE NR MONASH FWY	13,268,371

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.

