

Footscray Traffic Intelligence Profile

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

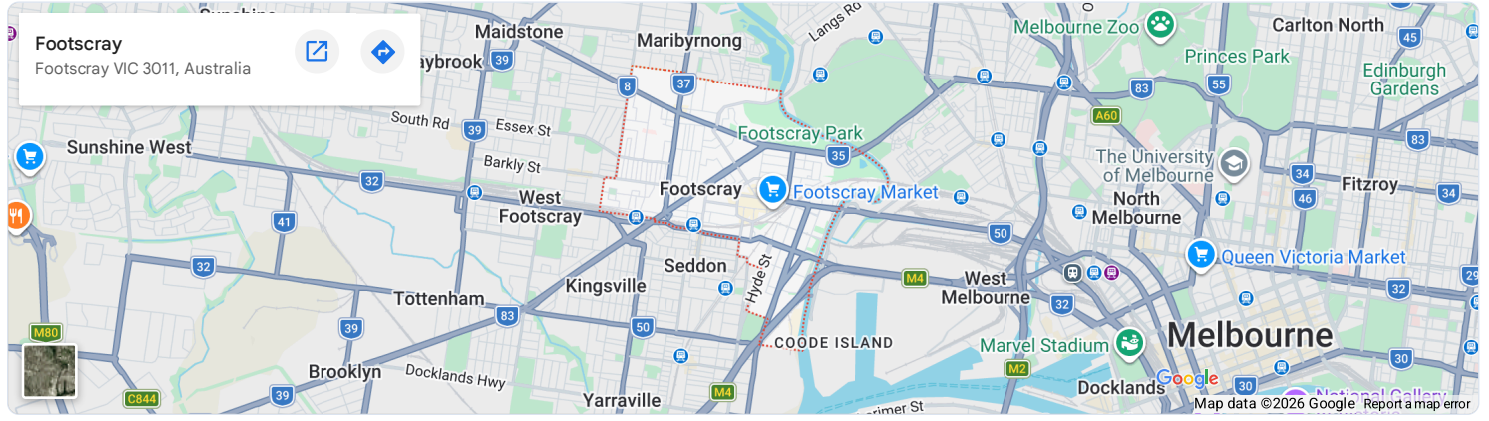
Generated: 20 May 2026 Suburb rank: #9 SCATS sites: 43 Postcode(s): 3011, 3012



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

Footscray contains 43 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 4,939,975,838 vehicle movements, or approximately 4,940.0M.

The busiest mapped SCATS location in Footscray is WESTERN Highway / TIERNAN / HOADLEY, with 290,357,450 recorded movements across the historical period.

4,940.0M
Total mapped vehicle movements

43
Mapped SCATS sites

#9
Melbourne suburb movement rank

114,883,159
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.

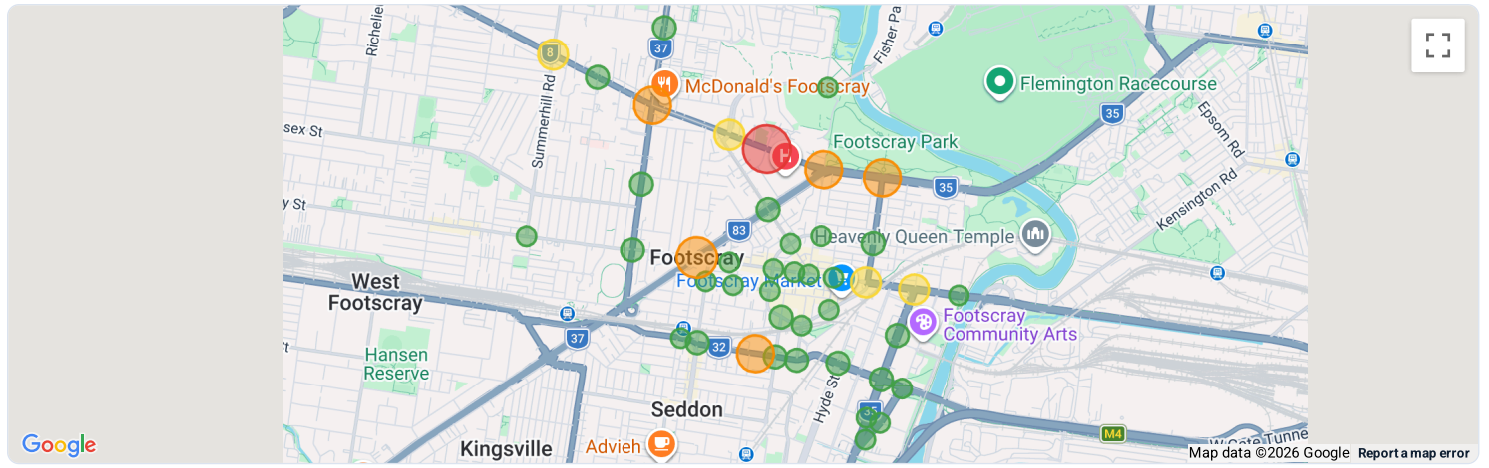
Top SCATS Sites in Footscray

#	SCATS ID	Location	Total movements	Millions	Rank
1	2601	WESTERN Highway / TIERNAN / HOADLEY WESTERN HWY/TIERNAN/HOADLEY	290,357,450	290.4M	214
2	2506	Phw / Barkly / Victoria PHW/BARKLY/VICTORIA	267,896,494	267.9M	294
3	2503	Ballarat / Moore BALLARAT/MOORE	247,589,262	247.6M	381
4	4239	BUCKLEY near ARRAN BUCKLEY NR ARRAN	234,081,014	234.1M	447
5	2603	WESTERN Highway / GORDON WESTERN HWY/GORDON	227,217,287	227.2M	492
6	2504	PHW / WESTERN Highway PHW/WESTERN HWY	214,443,852	214.4M	586
7	2605	WESTERN Highway / ROSAMOND / S'HILL WESTERN HWY/ROSAMOND/S'HILL	182,912,935	182.9M	890
8	2602	WESTERN Highway / DROOP / FARNSWORTH WESTERN HWY/DROOP/FARNSWORTH	181,747,505	181.7M	905
9	4236	Hopkins / Dynon / Whitehall HOPKINS/DYNON/WHITEHALL	168,161,680	168.2M	1056
10	4237	Hopkins / Irving / Moore HOPKINS/IRVING/MOORE	155,871,106	155.9M	1195

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 **Footscray**. 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: 43. 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

WESTERN Highway / TIERNAN / HOADLEY
290,357,450 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Footscray ranks **#9** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- WESTERN
- Barkly
- Hopkins
- Whitehall
- Irving
- Princes Hwy West
- Victoria

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
2601	WESTERN Highway / TIERNAN / HOADLEY	WESTERN HWY/TIERNAN/HOADLEY	290,357,450
2506	Princes Hwy West / Barkly / Victoria	PRINCES HWY WEST/BARKLY/VICTORIA	267,896,494
2503	Ballarat / Moore	BALLARAT/MOORE	247,589,262
4239	BUCKLEY near ARRAN	BUCKLEY NR ARRAN	234,081,014
2603	WESTERN Highway / GORDON	WESTERN HWY/GORDON	227,217,287
2504	PRINCES HWY WEST / WESTERN Highway	PRINCES HWY WEST/WESTERN HWY	214,443,852
2605	WESTERN Highway / ROSAMOND / SHILL	WESTERN HWY/ROSAMOND/S'HILL	182,912,935
2602	WESTERN Highway / DROOP / FARNSWORTH	WESTERN HWY/DROOP/FARNSWORTH	181,747,505
4236	Hopkins / Dynon / Whitehall	HOPKINS/DYNON/WHITEHALL	168,161,680
4237	Hopkins / Irving / Moore	HOPKINS/IRVING/MOORE	155,871,106
2604	WESTERN Highway / ELEANOR	WESTERN HWY/ELEANOR	151,905,693
2505	Princes Hwy West / Droop	PRINCES HWY WEST/DROOP	150,263,644
4231	Napier / Whitehall	NAPIER/WHITEHALL	149,095,532
4240	Barkly / Gordon	BARKLY/GORDON	146,796,220
4241	GORDON near SHEPrinces Highway EastRD	GORDON NR SHEPHERD	144,291,806
4232	Hyde / Napier	HYDE/NAPIER	118,367,615
4233	Buckley / Nicholson	BUCKLEY/NICHOLSON	115,892,299
2853	GORDON near OWEN	GORDON NR OWEN	112,864,223
1161	WHITEHALL ST near BUNBURY	WHITEHALL ST NR BUNBURY	111,168,396
2782	Moore / Donald	MOORE/DONALD	107,720,498
4235	Buckley / Victoria	BUCKLEY/VICTORIA	107,010,696
4234	Albert / Buckley	ALBERT/BUCKLEY	106,233,835
4243	Albert / Irving	ALBERT/IRVING	103,394,536
3285	Footscray Rd / Napier St / Moreland St	Footscray Rd / Napier St / Moreland St	99,052,222
4242	BUCKLEY near CUTHBERT	BUCKLEY NR CUTHBERT	81,504,731
2786	French / Barkly	FRENCH/BARKLY	78,150,639
3368	Hopkins St Nr Maribyrnong St	Hopkins St Nr Maribyrnong St	74,213,093
1183	Barkly / Summerhill	BARKLY/SUMMERHILL	69,835,850
3434	BARKLY near ALBERT	BARKLY NR ALBERT	67,957,508
2515	Droop / Donald	DROOP/DONALD	62,497,505
4247	Hopkins / Leeds	HOPKINS/LEEDS	58,464,170
3437	Farnsworth / Meyers	FARNSWORTH/MEYERS	57,369,254
4238	Barkly / Droop / Hopkins / Nichols	BARKLY/DROOP/HOPKINS/NICHOLS	56,516,349
4246	BARKLY near VICTORIA	BARKLY NR VICTORIA	53,572,429
4256	Paisley / French	PAISLEY/FRENCH	53,093,589
2783	Victoria / Paisley	VICTORIA/PAISLEY	49,421,424

SCATS ID	Friendly name	Official name	Total movements
4244	Nicholson / Irving	NICHOLSON/IRVING	47,591,754
2784	PAISLEY near FRENCH	PAISLEY NR FRENCH	45,816,065
3284	Moreland St / Whitehall St	Moreland St / Whitehall St	45,434,940
3283	Moreland St / Parker St	Moreland St / Parker St	44,422,041
3446	Whitehall / Parker	WHITEHALL/PARKER	41,830,139
4245	Irving / Leeds	IRVING/LEEDS	37,391,910
3649	DONALD btwn NICHOLSON & LEEDS	DONALD btwn NICHOLSON & LEEDS	20,556,648

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>