

East Melbourne Traffic Intelligence Profile

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

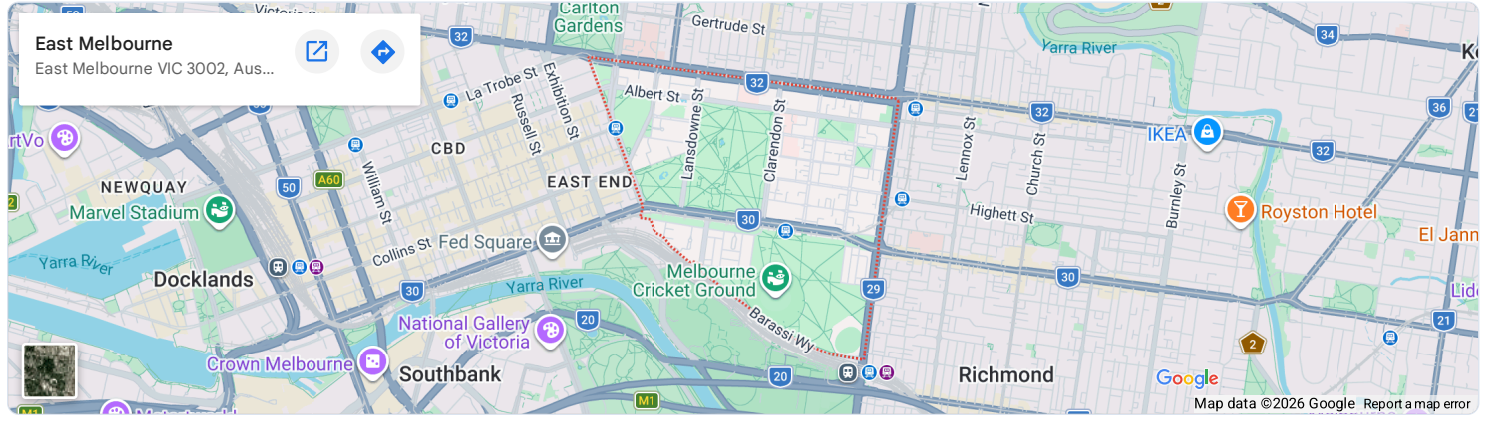
Generated: 20 May 2026 Suburb rank: #26 SCATS sites: 27 Postcode(s): 3000, 3002



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

East Melbourne contains 27 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for **3,880,788,560** vehicle movements, or approximately **3,880.8M**.

The busiest mapped SCATS location in East Melbourne is **Hoddle / Victoria**, with **449,217,059** recorded movements across the historical period.

3,880.8M
Total mapped vehicle movements

27
Mapped SCATS sites

#26
Melbourne suburb movement rank

143,732,909
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.

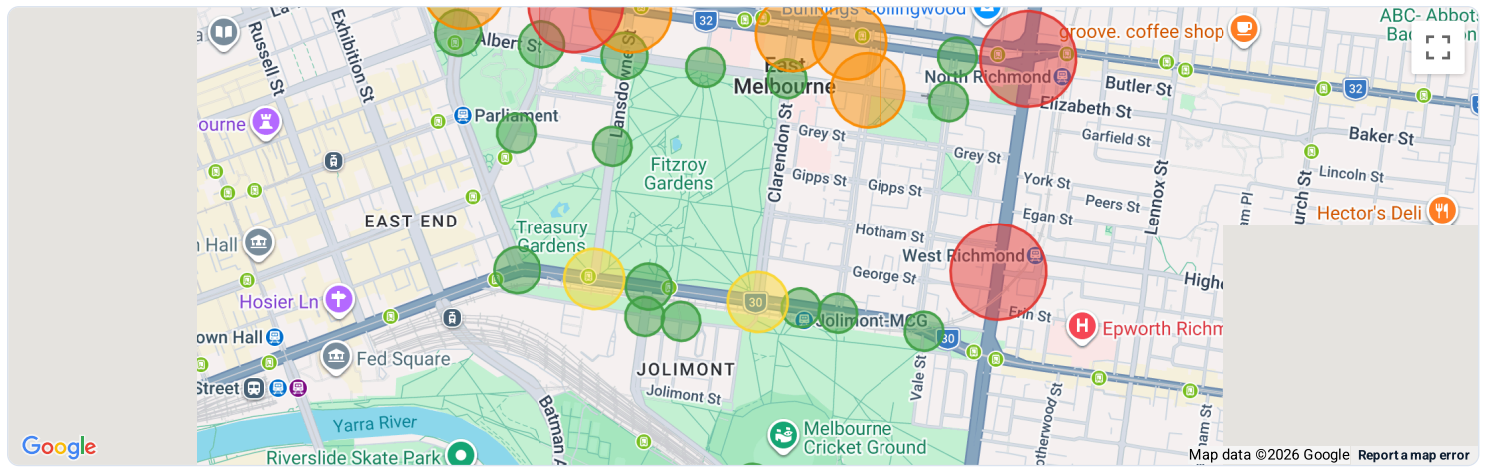
Top SCATS Sites in East Melbourne

#	SCATS ID	Location	Total movements	Millions	Rank
1	3385	Hoddle / Victoria HODDLE/VICTORIA	449,217,059	449.2M	28
2	3389	Hoddle / Freeman HODDLE/FREEMAN	344,377,178	344.4M	103
3	4441	Victoria / Brunswick / Gisborne VICTORIA/BRUNSWICK/GISBORNE	297,423,495	297.4M	190
4	4406	Victoria Pde and Nicholson St Victoria Pde and Nicholson St	280,291,526	280.3M	249
5	4455	Victoria / Lansdowne VICTORIA/LANSDOWNE	254,761,584	254.8M	351
6	4443	Victoria / Wellington / Powlett VICTORIA/WELLINGTON/POWLETT	234,547,060	234.5M	445
7	2933	Victoria / Clarendon VICTORIA/CLARENDON	228,915,258	228.9M	483
8	4448	Albert / Powlett ALBERT/POWLETT	189,912,709	189.9M	823
9	4454	Wellington / Lansdowne WELLINGTON/LANSDOWNE	143,368,493	143.4M	1396
10	1052	Wellington / Clarendon WELLINGTON/CLARENDON	135,663,856	135.7M	1514

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 **East Melbourne**. 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: 27. 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

Hoddle / Victoria
 449,217,059 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

East Melbourne ranks **#26** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Wellington
- Albert
- Victoria
- Lansdowne
- Powlett
- Clarendon
- WELLINGTON
- Hoddle

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
3385	Hoddle / Victoria	HODDLE/VICTORIA	449,217,059
3389	Hoddle / Freeman	HODDLE/FREEMAN	344,377,178
4441	Victoria / Brunswick / Gisborne	VICTORIA/BRUNSWICK/GISBORNE	297,423,495
4406	Victoria Pde and Nicholson St	Victoria Pde and Nicholson St	280,291,526
4455	Victoria / Lansdowne	VICTORIA/LANSDOWNE	254,761,584
4443	Victoria / Wellington / Powlett	VICTORIA/WELLINGTON/POWLETT	234,547,060
2933	Victoria / Clarendon	VICTORIA/CLARENDON	228,915,258
4448	Albert / Powlett	ALBERT/POWLETT	189,912,709
4454	Wellington / Lansdowne	WELLINGTON/LANSDOWNE	143,368,493
1052	Wellington / Clarendon	WELLINGTON/CLARENDON	135,663,856
2934	Wellington / Jolimont	WELLINGTON/JOLIMONT	132,976,552
4444	Albert / Nicholson / Lonsdale	ALBERT/NICHOLSON/LONSDALE	125,953,552
4446	Albert / Lansdowne	ALBERT/LANSDOWNE	122,649,641
4445	Albert / Gisborne	ALBERT/GISBORNE	111,115,879
2932	Wellington / Spring / Flinders	WELLINGTON/SPRING/FLINDERS	102,688,976
4447	Albert / Clarendon	ALBERT/CLARENDON	94,570,723
4457	WELLINGTON near SIMPSON	WELLINGTON NR SIMPSON	88,554,138
4451	Wellington Streeth / Jolimont	WELLINGTON STH/JOLIMONT	84,901,785
4450	MACARTHUR near ST ANDREWS	MACARTHUR NR ST ANDREWS	81,743,399
4453	Wellington / Powlett	WELLINGTON/POWLETT	78,998,358
3320	VICTORIA near SIMPSON	VICTORIA NR SIMPSON	78,558,998
4449	Albert / Simpson	ALBERT/SIMPSON	63,397,693
2988	Lansdowne / Street Andrews	LANSDOWNE/ST ANDREWS	56,768,236
4440	ALBERT near EADES	ALBERT NR EADES	56,706,875
1586	WELLINGTON PDE near POWLETT ST	WELLINGTON PDE NR POWLETT ST	31,308,783
4452	WELLINGTON near AGNES	WELLINGTON NR AGNES	11,395,418
2990	Mcg Access / Brunton	MCG ACCESS/BRUNTON	21,336

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>