

# South Melbourne Traffic Intelligence Profile

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

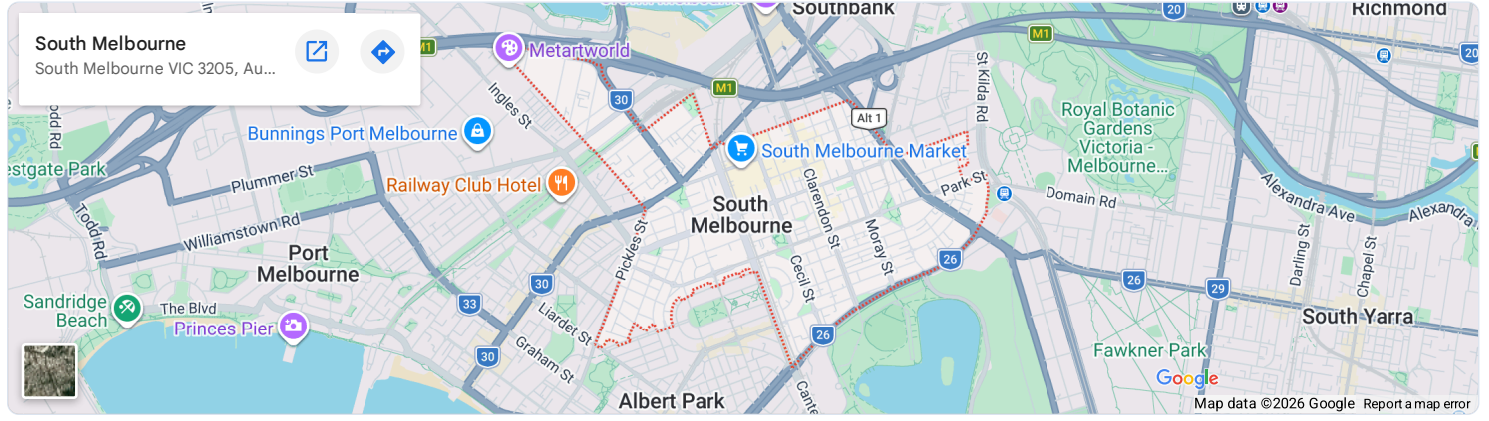
Generated: 20 May 2026   Suburb rank: #36   SCATS sites: 27   Postcode(s): 3006, 3205



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

South Melbourne contains 27 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,533,428,909 vehicle movements, or approximately 3,533.4M.

The busiest mapped SCATS location in South Melbourne is Princes Highway East / PARK, with 560,184,622 recorded movements across the historical period.

**3,533.4M**  
Total mapped vehicle movements

**27**  
Mapped SCATS sites

**#36**  
Melbourne suburb movement rank

**130,867,737**  
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.

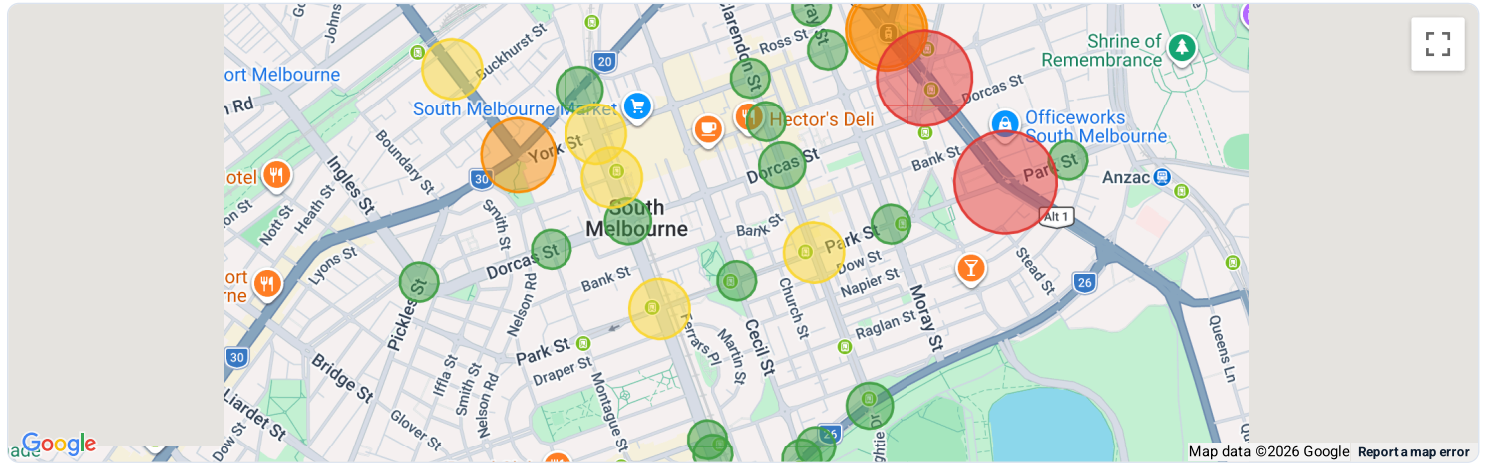
## Top SCATS Sites in South Melbourne

#	SCATS ID	Location	Total movements	Millions	Rank
1	2404	Princes Highway East / PARK PHE/PARK	560,184,622	560.2M	3
2	2403	Princes Highway East / STURT PHE/STURT	456,674,810	456.7M	26
3	2400	Princes Highway East / YORK PHE/YORK	250,650,716	250.7M	365
4	2402	Princes Highway East / WEST GATE Freeway EXIT PHE/WEST GATE FWY EXIT	212,545,149	212.5M	596
5	4886	City / Montague / York CITY/MONTAGUE/YORK	204,549,342	204.5M	673
6	4905	Clarendon / Park CLARENDON/PARK	151,629,788	151.6M	1263
7	4903	Park / Ferrars PARK/FERRARS	144,917,771	144.9M	1367
8	3537	FERRARS near COVENTRY FERRARS NR COVENTRY	139,667,942	139.7M	1459
9	4900	MONTAGUE near GLADSTONE MONTAGUE NR GLADSTONE	118,547,746	118.5M	1829
10	4897	York / Ferrars YORK/FERRARS	112,977,119	113.0M	1971

**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 **South 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

**Princes Highway East / PARK**  
560,184,622 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

South Melbourne ranks **#36** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Clarendon
- High
- Princes
- York
- Ferrars
- Dorcas
- Albert
- Moray

**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
2404	Princes Highway East / PARK	PRINCES HWY EAST/PARK	560,184,622
2403	Princes Highway East / STURT	PRINCES HWY EAST/STURT	456,674,810
2400	Princes Highway East / YORK	PRINCES HWY EAST/YORK	250,650,716
2402	Princes Highway East / WEST GATE Freeway EXIT	PRINCES HWY EAST/WEST GATE FWY EXIT	212,545,149
4886	City / Montague / York	CITY/MONTAGUE/YORK	204,549,342
4905	Clarendon / Park	CLARENDON/PARK	151,629,788
4903	Park / Ferrars	PARK/FERRARS	144,917,771
3537	FERRARS near COVENTRY	FERRARS NR COVENTRY	139,667,942
4900	MONTAGUE near GLADSTONE	MONTAGUE NR GLADSTONE	118,547,746
4897	York / Ferrars	YORK/FERRARS	112,977,119
4885	City / Ferrars / Market	CITY/FERRARS/MARKET	112,582,031
4899	Dorcas / Ferrars	DORCAS/FERRARS	112,303,794
4912	Albert / Clarendon	ALBERT/CLARENDON	103,514,922
4916	Clarendon / Dorcas	CLARENDON/DORCAS	102,237,390
4907	FERRARS near BRIDPORT	FERRARS NR BRIDPORT	99,215,547
3536	Clarendon / Coventry	CLARENDON/COVENTRY	92,984,972
4911	Albert / Cecil / Aughtie	ALBERT/CECIL/AUGHTIE	90,921,106
4915	Dorcas / Pickles / Ingles	DORCAS/PICKLES/INGLES	90,858,213
4906	Park / Moray	PARK/MORAY	87,215,898
4892	Clarendon / York	CLARENDON/YORK	77,210,032
4904	Cecil / Park	CECIL/PARK	55,867,026
2395	Park Street / Wells Street	PARK ST / WELLS ST	51,823,701
4898	Dorcas / Montague	DORCAS/MONTAGUE	42,338,192
4894	Market / Moray	MARKET/MORAY	31,037,590
4893	Moray / York	MORAY/YORK	20,983,495
4875	Bridport / Light Rail Crossing	BRIDPORT/LIGHT RAIL CROSSING	7,002,145
2294	Albert / Msac Access Road Exit	ALBERT/MSAC ACCESS ROAD EXIT	2,987,850

## 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.

<b>37,877,000,000</b> Cleaned 15-minute SCATS observations	<b>539,021,000,000</b> Total cleaned vehicle movements analysed platform-wide	<b>148/148</b> Expected months processed in the reporting window	<b>2014–2026</b> Historical coverage window
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**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>