

# Parkville Traffic Intelligence Profile

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

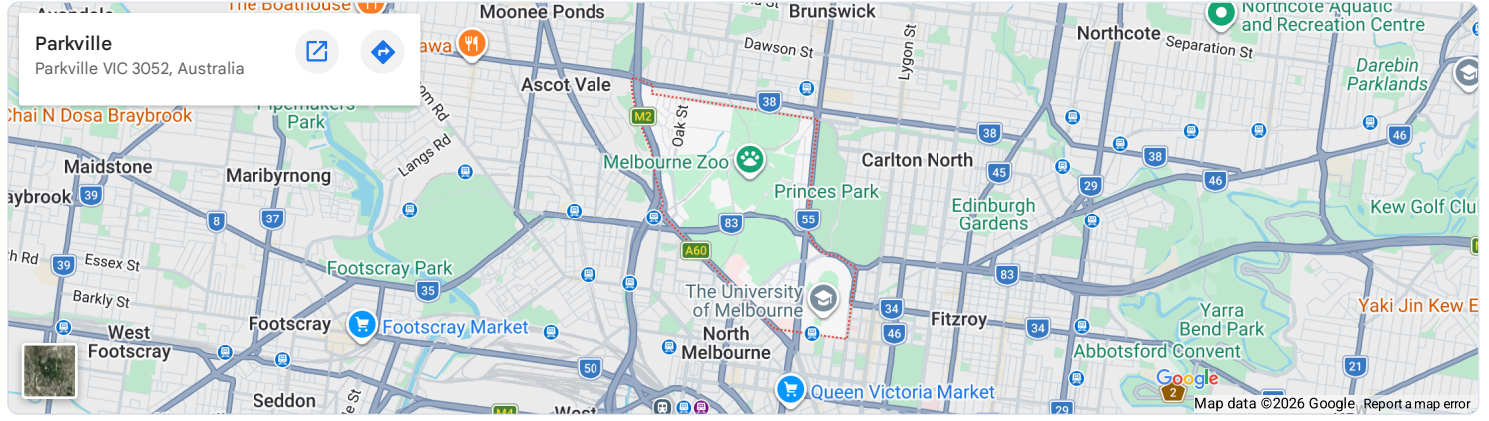
Generated: 20 May 2026 Suburb rank: #95 SCATS sites: 13 Postcode(s): 3052



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

Parkville contains 13 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,767,986,408 vehicle movements, or approximately 1,768.0M.

The busiest mapped SCATS location in Parkville is Royal / Cemetery / Macarthur, with 319,025,660 recorded movements across the historical period.

**1,768.0M**  
Total mapped vehicle movements

**13**  
Mapped SCATS sites

**#95**  
Melbourne suburb movement rank

**135,998,954**  
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.

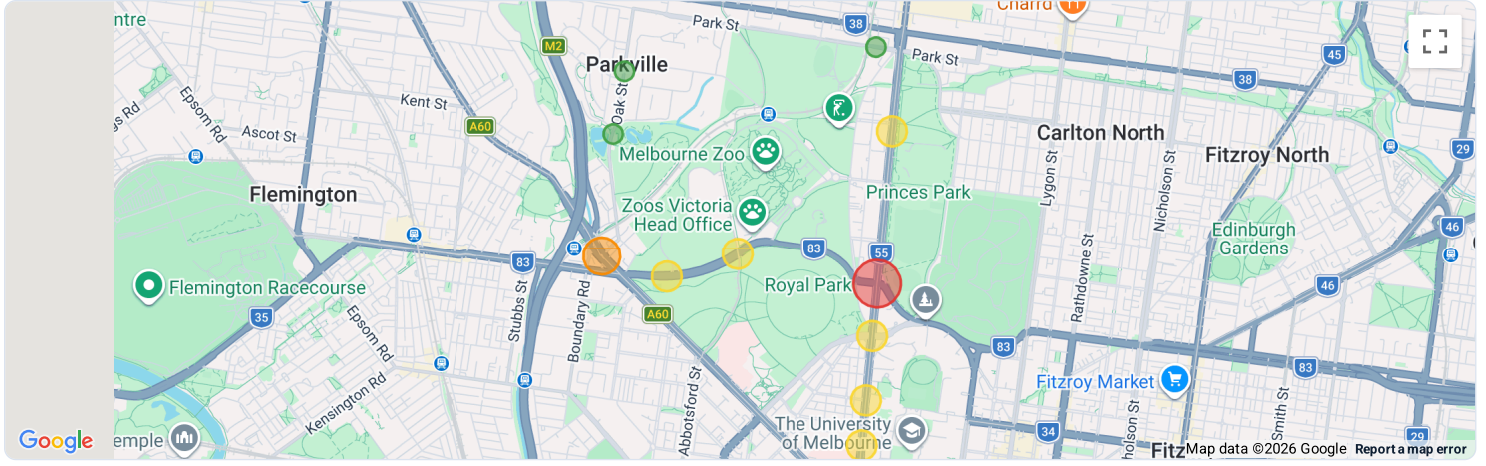
## Top SCATS Sites in Parkville

#	SCATS ID	Location	Total movements	Millions	Rank
1	4384	Royal / Cemetery / Macarthur ROYAL/CEMETERY/MACARTHUR	319,025,660	319.0M	150
2	4460	Flemington / Church FLEMINGTON/CHURCH	223,550,235	223.6M	522
3	1046	ROYAL near IEVERS ROYAL NR IEVERS	182,305,195	182.3M	899
4	1057	ROYAL near MORRAH ROYAL NR MORRAH	179,159,736	179.2M	933
5	4477	Elliott / Brens ELLIOTT/BRENS	172,224,259	172.2M	998
6	4467	Elliot / Tramway Crossing ELLIOT/TRAMWAY CROSSING	168,497,946	168.5M	1050
7	2861	Tullamarine / Ormond / Brunswick TULLAMARINE/ORMOND/BRUNSWICK	152,243,098	152.2M	1250
8	4383	Royal / Gatehouse / College ROYAL/GATEHOUSE/COLLEGE	140,165,277	140.2M	1447
9	4385	Royal / Melbourne Hospital Ent ROYAL/MELBOURNE HOSPITAL ENT	104,402,723	104.4M	2191
10	4425	Grattan / Bouverie GRATTAN/BOUVERIE	49,222,131	49.2M	3564

**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 **Parkville**. 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: 13. 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

**Royal / Cemetery / Macarthur**  
319,025,660 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Parkville ranks **#95** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Royal
- ROYAL
- Cemetery
- Macarthur
- Flemington
- Church
- IEVERS
- MORRAH

**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
4384	Royal / Cemetery / Macarthur	ROYAL/CEMETERY/MACARTHUR	319,025,660
4460	Flemington / Church	FLEMINGTON/CHURCH	223,550,235
1046	ROYAL near IEVERS	ROYAL NR IEVERS	182,305,195
1057	ROYAL near MORRAH	ROYAL NR MORRAH	179,159,736
4477	Elliott / Brens	ELLIOTT/BRENS	172,224,259
4467	Elliott / Tramway Crossing	ELLIOTT/TRAMWAY CROSSING	168,497,946
2861	Tullamarine / Ormond / Brunswick	TULLAMARINE/ORMOND/BRUNSWICK	152,243,098
4383	Royal / Gatehouse / College	ROYAL/GATEHOUSE/COLLEGE	140,165,277
4385	Royal / Melbourne Hospital Ent	ROYAL/MELBOURNE HOSPITAL ENT	104,402,723
4425	Grattan / Bouverie	GRATTAN/BOUVERIE	49,222,131
3794	Park West Of The Avenue	PARK WEST OF THE AVENUE	36,273,041
3152	OAK near GALADA	OAK NR GALADA	21,035,381
1258	OAK ST between GARRARD AND POPLAR	OAK ST BTW GARRARD AND POPLAR	19,881,726

## 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>