

# North Melbourne Traffic Intelligence Profile

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

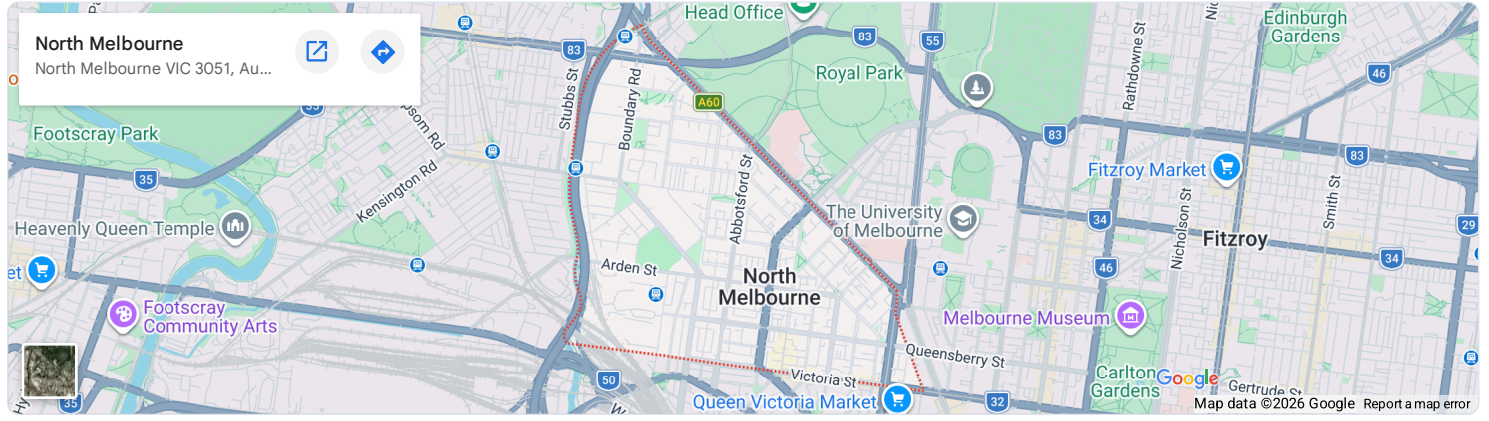
Generated: 20 May 2026   Suburb rank: #19   SCATS sites: 36   Postcode(s): 3051, 3052



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

North Melbourne contains 36 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 4,228,967,317 vehicle movements, or approximately 4,229.0M.

The busiest mapped SCATS location in North Melbourne is **Flemington / Racecourse / Elliot**, with 372,247,743 recorded movements across the historical period.

**4,229.0M**  
Total mapped vehicle movements

**36**  
Mapped SCATS sites

**#19**  
Melbourne suburb movement rank

**117,471,314**  
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.

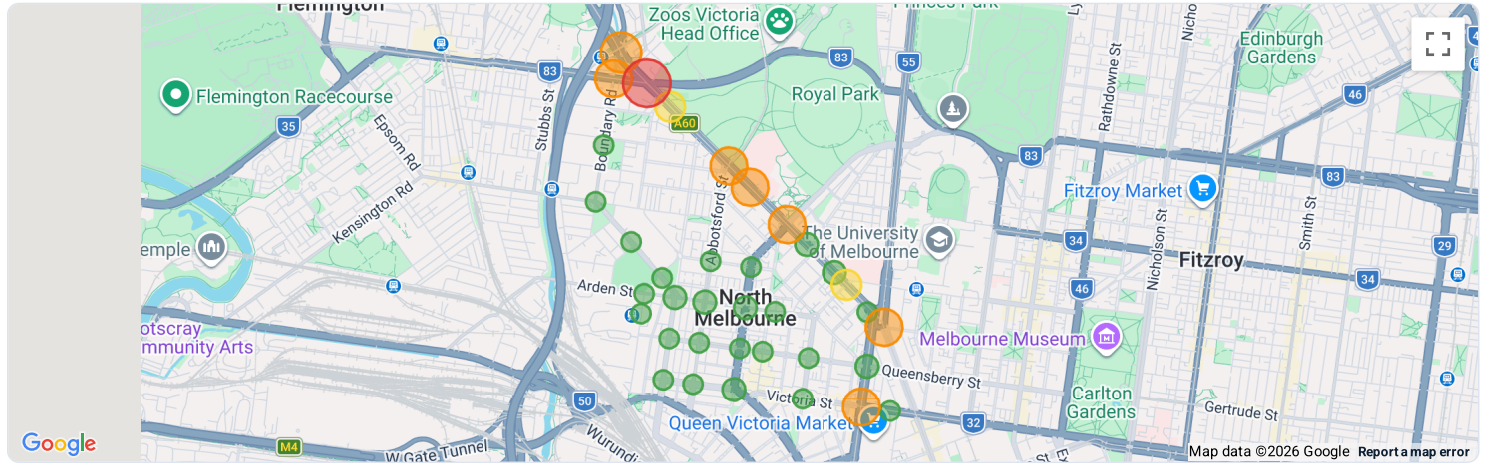
## Top SCATS Sites in North Melbourne

#	SCATS ID	Location	Total movements	Millions	Rank
1	4461	Flemington / Racecourse / Elliot FLEMINGTON/RACECOURSE/ELLIOT	372,247,743	372.2M	75
2	2860	Flemington / Western Link Off Rmp / Boundary FLEMINGTON/WESTERN LINK OFF RMP/BOUNDARY	277,945,120	277.9M	256
3	1061	Elizabeth / Peel / Flem / Bedford ELIZABETH/PEEL/FLEM/BEDFORD	239,265,865	239.3M	421
4	4463	Flemington / Abbotsford FLEMINGTON/ABBOTSFORD	214,805,368	214.8M	582
5	4475	Racecourse / Boundary RACECOURSE/BOUNDARY	210,319,592	210.3M	616
6	4465	Flemington / Gatehouse / Harker FLEMINGTON/GATEHOUSE/HARKER	200,489,504	200.5M	720
7	1178	Flemington / Rc-Hospital Entrance FLEMINGTON/RC-HOSPITAL ENTRANCE	198,196,845	198.2M	741
8	4506	Victoria / Peel VICTORIA/PEEL	186,131,134	186.1M	857
9	4462	FLEMINGTON near MELROSE FLEMINGTON NR MELROSE	178,808,490	178.8M	934
10	4466	Flemington / Grattan / Wreckyn FLEMINGTON/GRATTAN/WRECKYN	153,147,326	153.1M	1239

**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 **North 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: 36. 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

**Flemington / Racecourse / Elliot**  
372,247,743 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

North Melbourne ranks **#19** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Flemington
- Queensberry
- Abbotsford
- Victoria
- Arden
- Boundary
- Curzon
- Peel

**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
4461	Flemington / Racecourse / Elliot	FLEMINGTON/RACECOURSE/ELLIOT	372,247,743
2860	Flemington / Western Link Off Rmp / Boundary	FLEMINGTON/WESTERN LINK OFF RMP/BOUNDARY	277,945,120
1061	Elizabeth / Peel / Flem / Bedford	ELIZABETH/PEEL/FLEM/BEDFORD	239,265,865
4463	Flemington / Abbotsford	FLEMINGTON/ABBOTSFORD	214,805,368
4475	Racecourse / Boundary	RACECOURSE/BOUNDARY	210,319,592
4465	Flemington / Gatehouse / Harker	FLEMINGTON/GATEHOUSE/HARKER	200,489,504
1178	Flemington / Rc-Hospital Entrance	FLEMINGTON/Rc-HOSPITAL ENTRANCE	198,196,845
4506	Victoria / Peel	VICTORIA/PEEL	186,131,134
4462	FLEMINGTON near MELROSE	FLEMINGTON NR MELROSE	178,808,490
4466	Flemington / Grattan / Wreckyn	FLEMINGTON/GRATTAN/WRECKYN	153,147,326
4456	Flemington / Royal Melb Hosp(near Villiers)	FLEMINGTON/ROYAL MELB HOSP(NR VILLIERS)	143,661,390
4499	Queensberry / Peel	QUEENSBERRY/PEEL	142,240,071
4468	FLEMINGTON near PARK	FLEMINGTON NR PARK	135,105,672
4494	Arden / Curzon	ARDEN/CURZON	131,144,045
4492	Arden / Dryburgh / Macaulay	ARDEN/DRYBURGH/MACAULAY	125,353,655
4502	Victoria / King / Curzon	VICTORIA/KING/CURZON	111,276,861
4493	Arden / Abbotsford	ARDEN/ABBOTSFORD	103,488,986
4497	Queensberry / Curzon	QUEENSBERRY/CURZON	96,366,421
4490	Boundary / Macaulay	BOUNDARY/MACAULAY	94,870,455
4479	MACAULAY near HAINES	MACAULAY NR HAINES	83,747,079
2937	Dryburgh / Queensberry	DRYBURGH/QUEENSBERRY	82,995,841
4491	Curzon / Haines	CURZON/HAINES	80,655,653
1054	MACAULAY near FOGARTY	MACAULAY NR FOGARTY	79,680,901
4500	Victoria / Dryburgh	VICTORIA/DRYBURGH	69,746,243
4504	Victoria / Chetwynd	VICTORIA/CHETWYND	64,696,140
4495	Arden / Errol	ARDEN/ERROL	60,446,462
4498	Errol / Queensberry	ERROL/QUEENSBERRY	55,943,882
4507	Queensberry / Chetwynd	QUEENSBERRY/CHETWYND	53,929,351
1733	Boundary Road near Sutton Street	Boundary Road near Sutton Street	52,812,105
3947	Arden / Laurens	ARDEN/LAURENS	51,020,115
4496	Queensberry / Abbotsford	QUEENSBERRY/ABBOTSFORD	50,816,437
4501	Victoria / Abbotsford	VICTORIA/ABBOTSFORD	47,457,474
1053	Abbotsford / Haines	ABBOTSFORD/HAINES	44,782,493
3157	Flemington Road / Carpark Access	Flemington Road/Carpark Access	33,270,287
1829	Laurens Street near Barwise Street	Laurens Street near Barwise Street	2,099,407

SCATS ID	Friendly name	Official name	Total movements
4508	VICTORIA near O'CONNELL	VICTORIA NR O'CONNELL	2,904

## 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>