

Bayswater North Traffic Intelligence Profile

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

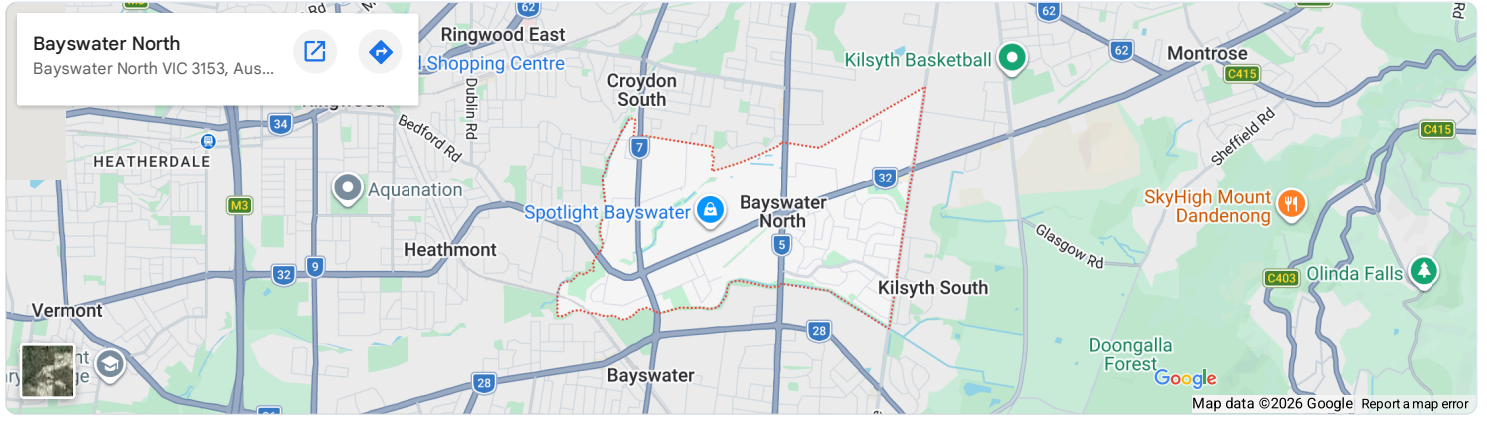
Generated: 20 May 2026 Suburb rank: #96 SCATS sites: 9 Postcode(s): 3153



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

Bayswater North contains 9 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,755,964,470 vehicle movements, or approximately 1,756.0M.

The busiest mapped SCATS location in Bayswater North is Dorset / Canterbury, with 253,161,615 recorded movements across the historical period.

1,756.0M
Total mapped vehicle movements

9
Mapped SCATS sites

#96
Melbourne suburb movement rank

195,107,163
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.

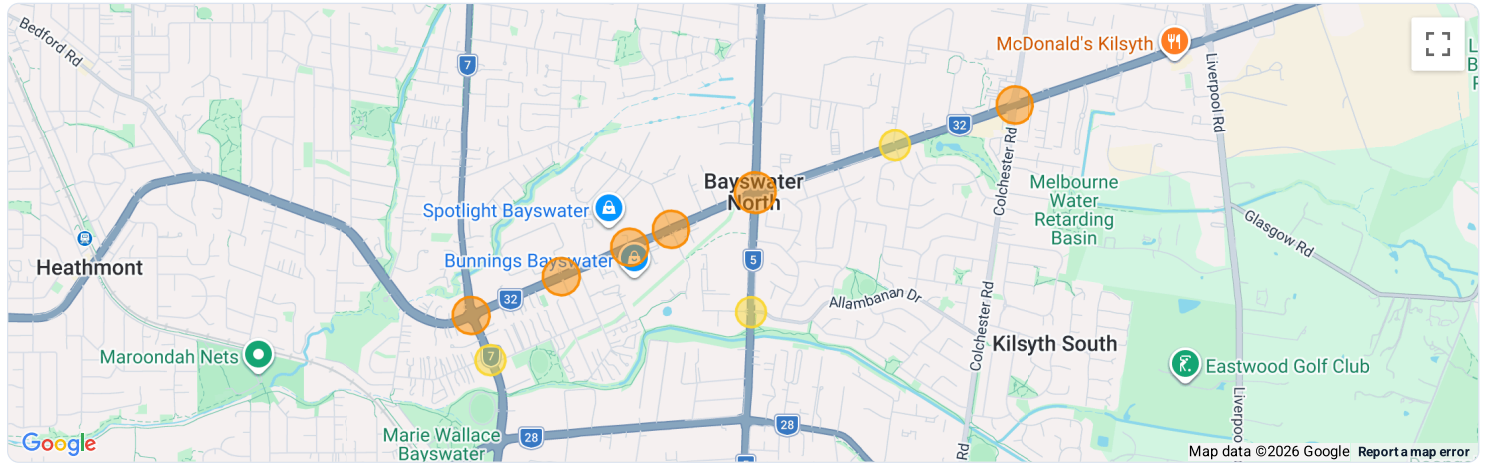
Top SCATS Sites in Bayswater North

#	SCATS ID	Location	Total movements	Millions	Rank
1	631	Dorset / Canterbury DORSET/CANTERBURY	253,161,615	253.2M	356
2	860	Canterbury / Bayswater CANTERBURY/BAYSWATER	227,760,150	227.8M	488
3	863	Canterbury / Colchester CANTERBURY/COLCHESTER	221,350,028	221.4M	534
4	139	Canterbury / Bayfield CANTERBURY/BAYFIELD	203,598,210	203.6M	686
5	158	Canterbury / Bunnings Hardware Access CANTERBURY/BUNNINGS HARDWARE ACCESS	193,420,053	193.4M	792
6	3085	Canterbury / Ramsay CANTERBURY/RAMSAY	184,448,137	184.4M	879
7	889	BAYSWATER near GLEN PARK BAYSWATER NR GLEN PARK	161,379,467	161.4M	1134
8	859	Canterbury / Gatwick CANTERBURY/GATWICK	160,466,104	160.5M	1143
9	1123	Dorset / Clipsal DORSET/CLIPSAL	150,380,706	150.4M	1281

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 **Bayswater North**. 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: 9. 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

Dorset / Canterbury
253,161,615 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Bayswater North ranks **#96** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Canterbury
- Bay
- Dorset
- Bayswater
- Colchester
- Bayfield
- Bunnings Hardware
- Ramsay

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
631	Dorset / Canterbury	DORSET/CANTERBURY	253,161,615
860	Canterbury / Bayswater	CANTERBURY/BAYSWATER	227,760,150
863	Canterbury / Colchester	CANTERBURY/COLCHESTER	221,350,028
139	Canterbury / Bayfield	CANTERBURY/BAYFIELD	203,598,210
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1123	Dorset / Clipsal	DORSET/CLIPSAL	150,380,706

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>