

Campbellfield Traffic Intelligence Profile

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

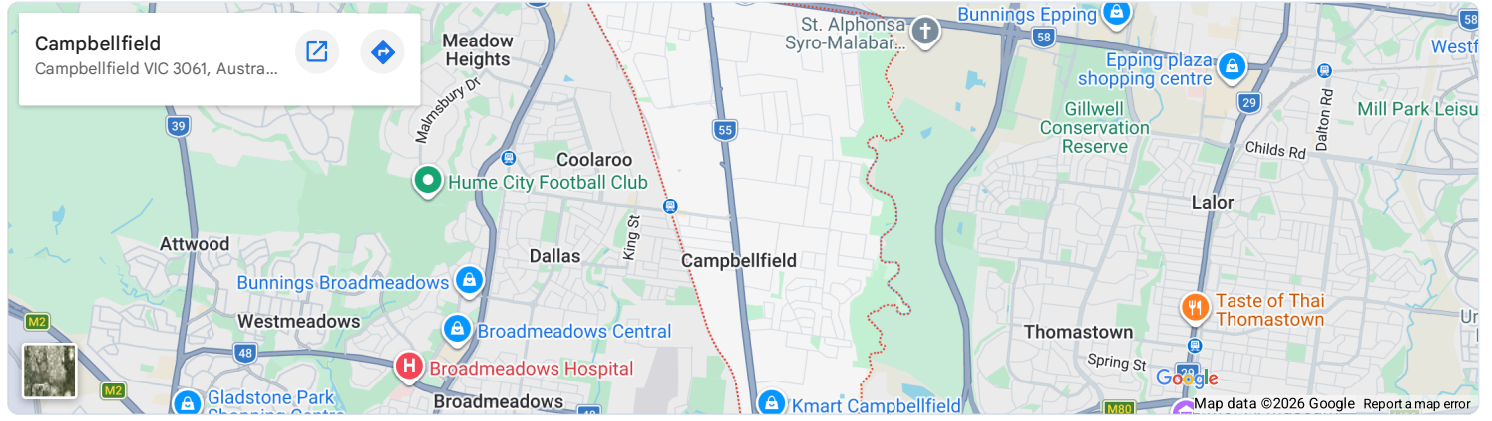
Generated: 20 May 2026 Suburb rank: #41 SCATS sites: 15 Postcode(s): 3048, 3061



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

Campbellfield contains 15 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,303,703,686 vehicle movements, or approximately 3,303.7M.

The busiest mapped SCATS location in Campbellfield is Sydney / Mahoneys / Camp, with 389,651,351 recorded movements across the historical period.

3,303.7M
Total mapped vehicle movements

15
Mapped SCATS sites

#41
Melbourne suburb movement rank

220,246,912
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.

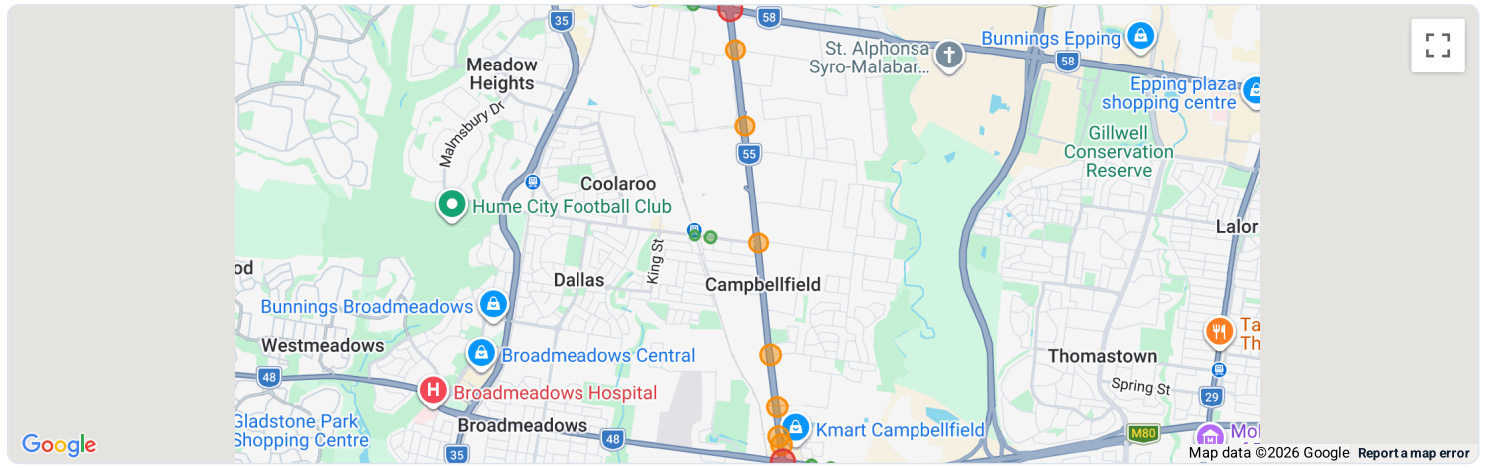
Top SCATS Sites in Campbellfield

#	SCATS ID	Location	Total movements	Millions	Rank
1	2157	Sydney / Mahoneys / Camp SYDNEY/MAHONEYS/CAMP	389,651,351	389.7M	54
2	2161	Sydney Road / Somerton / Cooper SYDNEY RD/SOMERTON/COOPER	357,753,587	357.8M	89
3	2149	Sydney / Campbellfield Shopping Centre SYDNEY / CAMPBELLFIELD SHOPPING CENTRE	276,985,589	277.0M	261
4	2187	Sydney / Mitre 10 Entry SYDNEY/MITRE 10 ENTRY	266,847,563	266.8M	298
5	2158	Sydney / Somerset SYDNEY/SOMERSET	265,612,292	265.6M	300
6	2167	Sydney Road / Bolinda SYDNEY RD/BOLINDA	252,398,567	252.4M	359
7	2159	HUME Highway / BARRY HUME HWY/BARRY	240,536,731	240.5M	412
8	2147	Sydney Road / Axiom Business Park SYDNEY RD/AXIOM BUSINESS PARK	203,076,634	203.1M	692
9	2178	Sydney Road / Northbourne / Truck City SYDNEY RD/NORTHBOURNE/TRUCK CITY	199,997,464	200.0M	726
10	2188	Somerton / Union SOMERTON/UNION	177,403,757	177.4M	944

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 **Campbellfield**. 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: 15. 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

Sydney / Mahoneys / Camp
 389,651,351 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Campbellfield ranks **#41** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Sydney
- Somerton
- Mahoneys
- BARRY
- Camp
- Cooper
- Bell
- Campbellfield Shopping

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
2157	Sydney / Mahoneys / Camp	SYDNEY/MAHONEYS/CAMP	389,651,351
2161	Sydney Road / Somerton / Cooper	SYDNEY RD/SOMERTON/COOPER	357,753,587
2149	Sydney / Campbellfield Shopping Centre	SYDNEY / CAMPBELLFIELD SHOPPING CENTRE	276,985,589
2187	Sydney / Mitre 10 Entry	SYDNEY/MITRE 10 ENTRY	266,847,563
2158	Sydney / Somerset	SYDNEY/SOMERSET	265,612,292
2167	Sydney Road / Bolinda	SYDNEY RD/BOLINDA	252,398,567
2159	HUME Highway / BARRY	HUME HWY/BARRY	240,536,731
2147	Sydney Road / Axiom Business Park	SYDNEY RD/AXIOM BUSINESS PARK	203,076,634
2178	Sydney Road / Northbourne / Truck City	SYDNEY RD/NORTHBOURNE/TRUCK CITY	199,997,464
2188	Somerton / Union	SOMERTON/UNION	177,403,757
2189	Somerton / Austrak	SOMERTON/AUSTRAK	167,023,892
3994	MAHONEYS near CHEVIOT	MAHONEYS NR CHEVIOT	166,131,784
3996	Barry / Ford Entrance	BARRY/FORD ENTRANCE	123,747,355
2168	Mahoneys / Pipeworks Market	MAHONEYS/PIPEWORKS MARKET	118,965,479
3983	BARRY near DUNSTAN	BARRY NR DUNSTAN	97,571,641

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>