

Bundoora Traffic Intelligence Profile

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

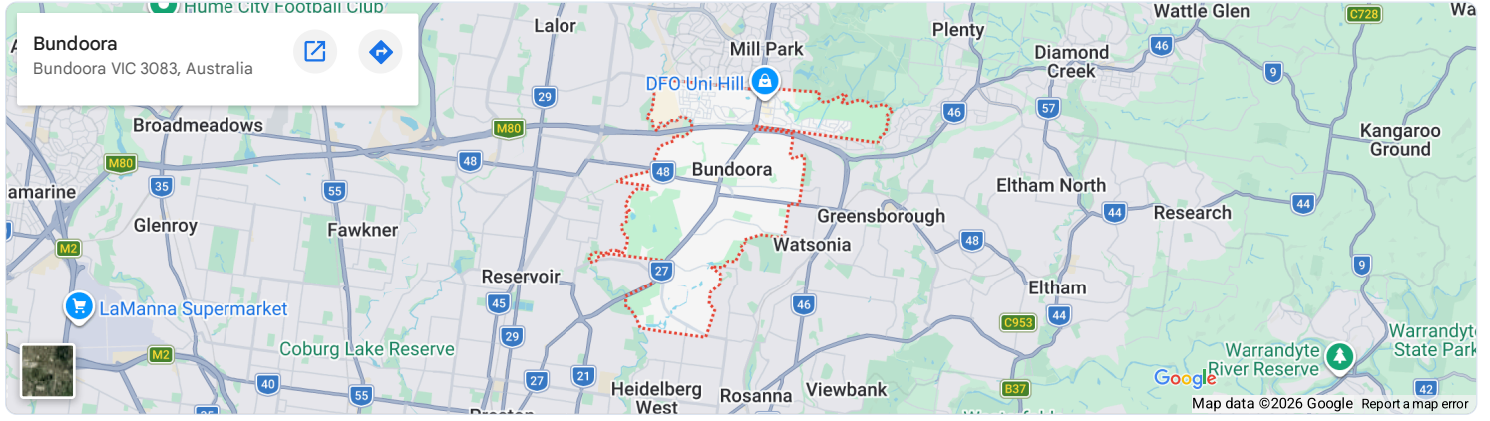
Generated: 20 May 2026 Suburb rank: #3 SCATS sites: 28 Postcode(s): 3083



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

Bundoora contains 28 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 6,142,552,470 vehicle movements, or approximately 6,142.6M.

The busiest mapped SCATS location in Bundoora is Plenty / Grimshaw, with 407,474,384 recorded movements across the historical period.

6,142.6M
Total mapped vehicle movements

28
Mapped SCATS sites

#3
Melbourne suburb movement rank

219,376,873
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.

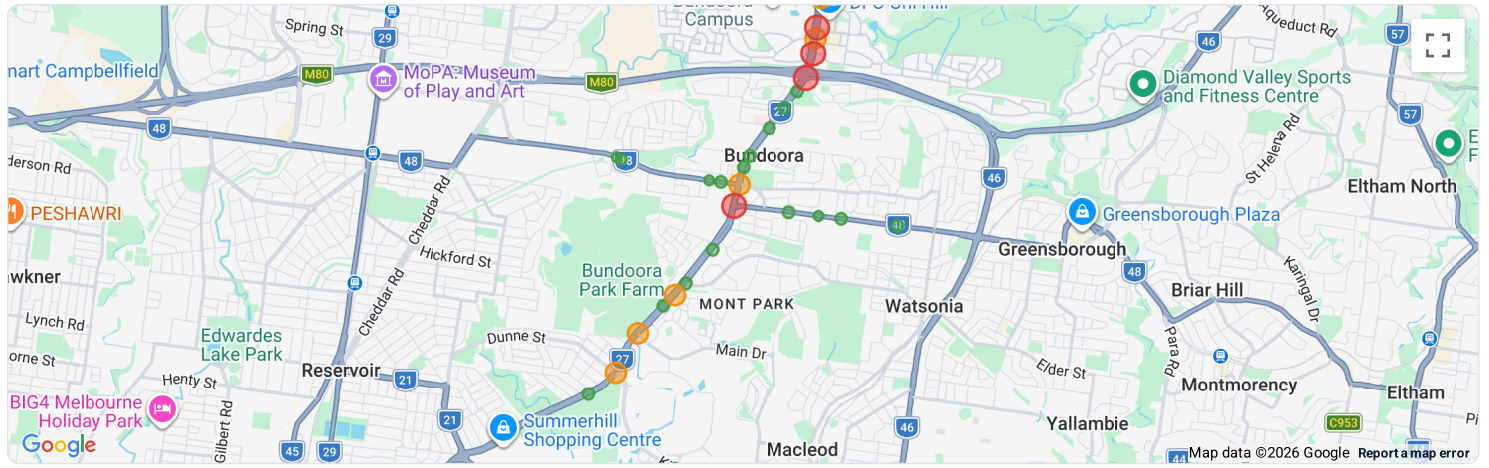
Top SCATS Sites in Bundoora

#	SCATS ID	Location	Total movements	Millions	Rank
1	3735	Plenty / Grimshaw PLENTY/GRIMSHAW	407,474,384	407.5M	45
2	4169	Metropolitan Ring Road / Plenty METROPOLITAN RING ROAD/PLENTY	373,067,435	373.1M	74
3	4896	Plenty / Enterprise PLENTY/ENTERPRISE	306,067,545	306.1M	174
4	4986	Plenty / Clements PLENTY/CLEMENTS	291,550,100	291.6M	211
5	3736	Plenty / Bent / Settlement PLENTY/BENT/SETTLEMENT	279,515,835	279.5M	252
6	4995	Plenty / Mckimmies PLENTY/MCKIMMIES	274,786,525	274.8M	275
7	4987	Plenty / Betula PLENTY/BETULA	262,288,132	262.3M	318
8	3734	Plenty / Dunne / Kingsbury PLENTY/DUNNE/KINGSBURY	256,455,497	256.5M	343
9	4184	Plenty / Main PLENTY/MAIN	250,394,664	250.4M	366
10	3727	Plenty / Grange / Snake Gully PLENTY/GRANGE/SNAKE GULLY	250,055,414	250.1M	368

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 **Bundoora**. 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: 28. 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

Plenty / Grimshaw
407,474,384 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Bundoora ranks **#3** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Plenty
- Settlement
- GRIMSHAW
- Grimshaw
- Kingsbury
- Greenhills
- SETTLEMENT
- Metropolitan Ring Road

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
3735	Plenty / Grimshaw	PLENTY/GRIMSHAW	407,474,384
4169	Metropolitan Ring Road / Plenty	METROPOLITAN RING ROAD/PLENTY	373,067,435
4896	Plenty / Enterprise	PLENTY/ENTERPRISE	306,067,545
4986	Plenty / Clements	PLENTY/CLEMENTS	291,550,100
3736	Plenty / Bent / Settlement	PLENTY/BENT/SETTLEMENT	279,515,835
4995	Plenty / Mckimmies	PLENTY/MCKIMMIES	274,786,525
4987	Plenty / Betula	PLENTY/BETULA	262,288,132
3734	Plenty / Dunne / Kingsbury	PLENTY/DUNNE/KINGSBURY	256,455,497
4184	Plenty / Main	PLENTY/MAIN	250,394,664
3727	Plenty / Grange / Snake Gully	PLENTY/GRANGE/SNAKE GULLY	250,055,414
4181	Plenty / Greenwood	PLENTY/GREENWOOD	245,216,809
4166	Plenty / Greenhills	PLENTY/GREENHILLS	242,344,589
3741	Plenty / Mt Cooper	PLENTY/MT COOPER	242,084,105
2764	Plenty / Mcleans / Milton	PLENTY/MCLEANS/MILTON	238,213,158
2760	Plenty / Daly	PLENTY/DALY	237,753,949
3737	Plenty / Taunton	PLENTY/TAUNTON	231,679,248
4185	Plenty / Parade College	PLENTY/PARADE COLLEGE	230,577,039
4183	PLENTY near LARUNDEL	PLENTY NR LARUNDEL	230,478,003
4170	GRIMSHAW near BALAKA	GRIMSHAW NR BALAKA	204,291,384
4171	GRIMSHAW near PATRICIA	GRIMSHAW NR PATRICIA	168,074,665
4996	SETTLEMENT near COOK	SETTLEMENT NR COOK	161,545,893
4178	GRIMSHAW near DENDARYL	GRIMSHAW NR DENDARYL	156,391,487
3738	PLENTY near BRADSHAW	PLENTY NR BRADSHAW	151,987,063
4796	Kingsbury / Waterdale	KINGSBURY/WATERDALE	136,270,108
2769	Settlement / Greenhills	SETTLEMENT/GREENHILLS	92,026,403
4188	Grimshaw / The Concord	GRIMSHAW/THE CONCORD	78,753,975
4998	SETTLEMENT near NORRIS	SETTLEMENT NR NORRIS	71,881,571
2778	Settlement / Brownhill	SETTLEMENT/BROWNHILL	71,327,490

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>