

Preston Traffic Intelligence Profile

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

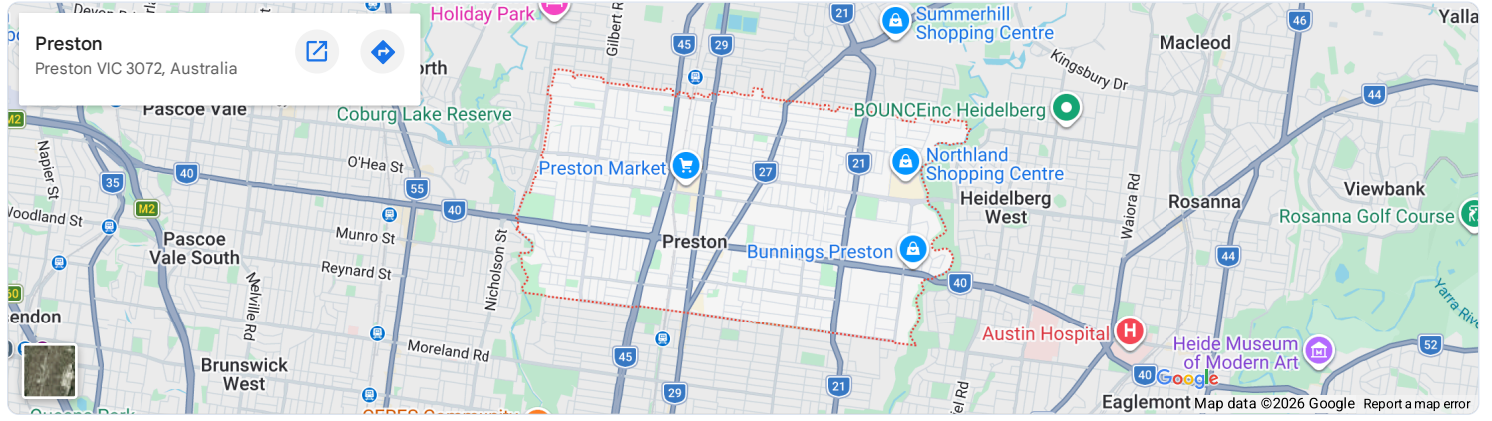
Generated: 20 May 2026 Suburb rank: #2 SCATS sites: 49 Postcode(s): 3072, 3073



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

Preston contains 49 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 7,185,511,879 vehicle movements, or approximately 7,185.5M.

The busiest mapped SCATS location in Preston is Bell / High, with 492,433,092 recorded movements across the historical period.

7,185.5M
Total mapped vehicle movements

49
Mapped SCATS sites

#2
Melbourne suburb movement rank

146,643,099
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.

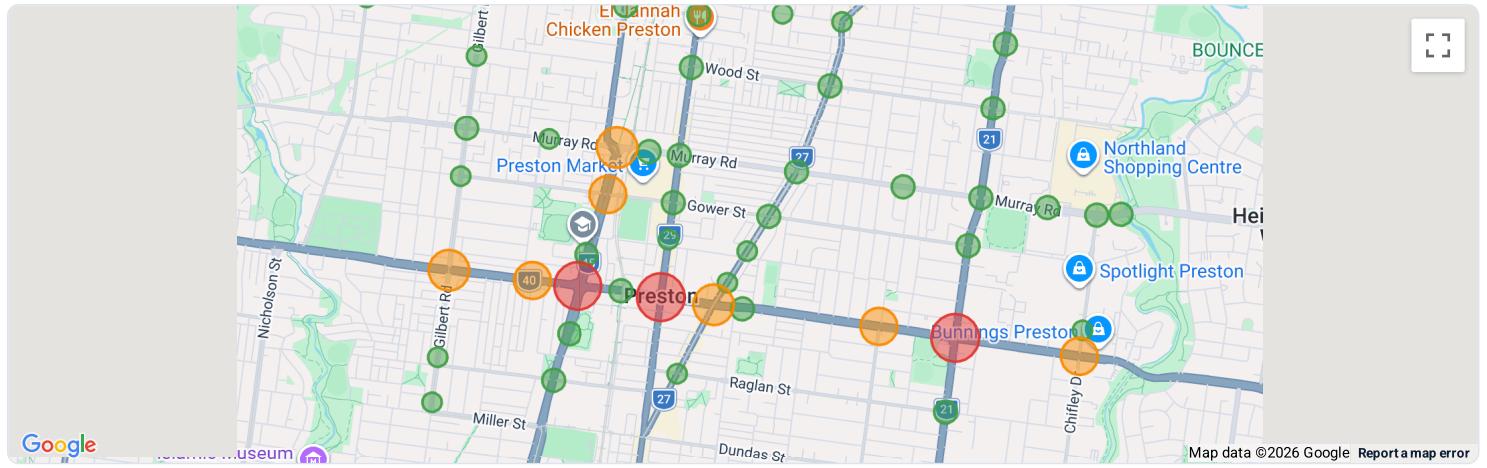
Top SCATS Sites in Preston

#	SCATS ID	Location	Total movements	Millions	Rank
1	3060	Bell / High BELL/HIGH	492,433,092	492.4M	15
2	3059	Bell / St Georges BELL/ST GEORGES	424,979,480	425.0M	33
3	3064	Bell / Albert BELL/ALBERT	326,109,276	326.1M	135
4	3061	Bell / Plenty BELL/PLENTY	276,949,746	276.9M	262
5	3058	Bell / Gilbert BELL/GILBERT	254,910,024	254.9M	349
6	4782	St Georges / Murray ST GEORGES/MURRAY	253,828,734	253.8M	354
7	3065	Bell / Chifley BELL/CHIFLEY	229,410,129	229.4M	478
8	3057	BELL near JESSIE BELL NR JESSIE	225,254,319	225.3M	512
9	3063	Bell / Victoria BELL/VICTORIA	217,402,378	217.4M	560
10	4783	St Georges / Cramer ST GEORGES/CRAMER	210,591,011	210.6M	615

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 **Preston**. 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: 49. 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

Bell / High
492,433,092 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Preston ranks #2 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Murray
- Bell
- Plenty
- High
- Albert
- Georges
- Gilbert
- Chifley

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
3060	Bell / High	BELL/HIGH	492,433,092
3059	Bell / St Georges	BELL/ST GEORGES	424,979,480
3064	Bell / Albert	BELL/ALBERT	326,109,276
3061	Bell / Plenty	BELL/PLENTY	276,949,746
3058	Bell / Gilbert	BELL/GILBERT	254,910,024
4782	St Georges / Murray	ST GEORGES/MURRAY	253,828,734
3065	Bell / Chifley	BELL/CHIFLEY	229,410,129
3057	BELL near JESSIE	BELL NR JESSIE	225,254,319
3063	Bell / Victoria	BELL/VICTORIA	217,402,378
4783	St Georges / Cramer	ST GEORGES/CRAMER	210,591,011
3091	Bell / The Bell Centre Access	BELL/THE BELL CENTRE ACCESS	207,275,358
3262	Albert / Murray	ALBERT/MURRAY	202,174,623
3870	ST GEORGES near BRUCE	ST GEORGES NR BRUCE	179,728,317
4781	Spring / Regent	SPRING/REGENT	172,543,181
3261	Albert / Wood	ALBERT/WOOD	170,224,550
4784	St Georges / Oakover	ST GEORGES/OAKOVER	166,069,155
3265	Albert / Dundas / Station	ALBERT/DUNDAS/STATION	165,864,848
3263	Albert / Gower	ALBERT/GOWER	164,773,455
3260	Albert / Tyler	ALBERT/TYLER	162,785,208
3264	Albert / Raglan	ALBERT/RAGLAN	149,838,443
4793	MURRAY near HIGHVIEW	MURRAY NR HIGHVIEW	135,051,367
3084	ST GEORGES near SHOWER	ST GEORGES NR SHOWER	131,880,783
3222	High / Murray	HIGH/MURRAY	131,792,176
3218	MURRAY near MARY	MURRAY NR MARY	131,364,548
4790	Plenty / Murray	PLENTY/MURRAY	131,303,012
3223	High / Regent / Tyler	HIGH/REGENT/TYLER	128,404,435
4794	Murray / Chifley	MURRAY/CHIFLEY	126,285,305
3877	Murray / Northland Exit	MURRAY/NORTHLAND EXIT	111,839,579
3221	High / Gower / Cramer	HIGH/GOWER/CRAMER	110,444,829
4787	Gilbert / Murray	GILBERT/MURRAY	108,972,386
4789	Plenty / Wood	PLENTY/WOOD	107,655,661
3259	Murray / Northland Shop East Access Road	MURRAY/NORTHLAND SHOP EAST ACCESS RD	104,425,420
4791	Plenty / Gower	PLENTY/GOWER	101,809,878
2385	Bell Street btn Blanch St & Donovan ST	Bell Street btn Blanch St & Donovan ST	101,582,480
3214	High / Wood / Spencer	HIGH/WOOD/SPENCER	100,249,211
3730	Plenty / Tyler	PLENTY/TYLER	96,234,626

SCATS ID	Friendly name	Official name	Total movements
4799	PLENTY near DAVID	PLENTY NR DAVID	88,304,326
3219	Plenty / East Preston Tram Depot	PLENTY/EAST PRESTON TRAM DEPOT	73,354,595
3873	GILBERT near JACKA	GILBERT NR JACKA	71,369,709
3880	HIGH near DAVID	HIGH NR DAVID	70,794,043
4788	Gilbert / Cramer	GILBERT/CRAMER	70,700,268
4786	Gilbert / Regent	GILBERT/REGENT	61,596,732
4792	MURRAY near JESSIE	MURRAY NR JESSIE	58,811,611
3081	Plenty / Raglan	PLENTY/RAGLAN	56,820,461
4798	GILBERT near OAKOVER	GILBERT NR OAKOVER	35,130,497
3872	GILBERT near MILLER	GILBERT NR MILLER	34,587,723
4133	Elizabeth / Murphy	ELIZABETH / MURPHY	33,223,238
2237	Chifley / Bruthen	CHIFLEY/BRUTHEN	17,593,956
3743	TYLER near BOWDEN	TYLER NR BOWDEN	783,697

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>