

Richmond 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: #5

SCATS sites: 39

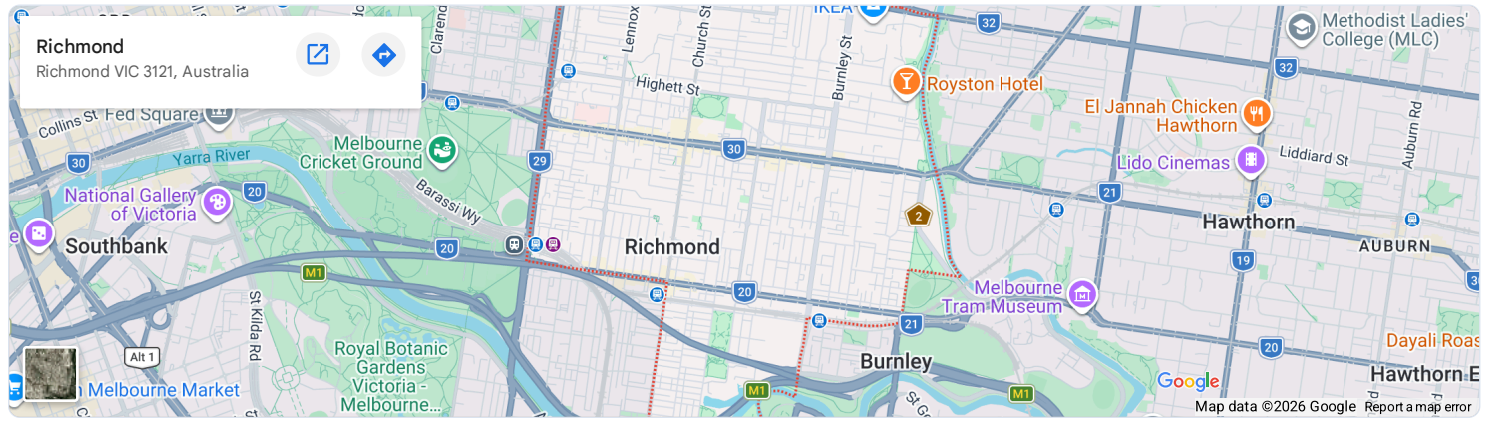
Postcode(s): 3121



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

Richmond contains 39 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 5,822,958,749 vehicle movements, or approximately 5,823.0M.

The busiest mapped SCATS location in Richmond is **Hoddle / Albert / Elizabeth**, with 543,973,902 recorded movements across the historical period.

5,823.0M

Total mapped vehicle movements

39

Mapped SCATS sites

#5

Melbourne suburb movement rank

149,306,634

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.

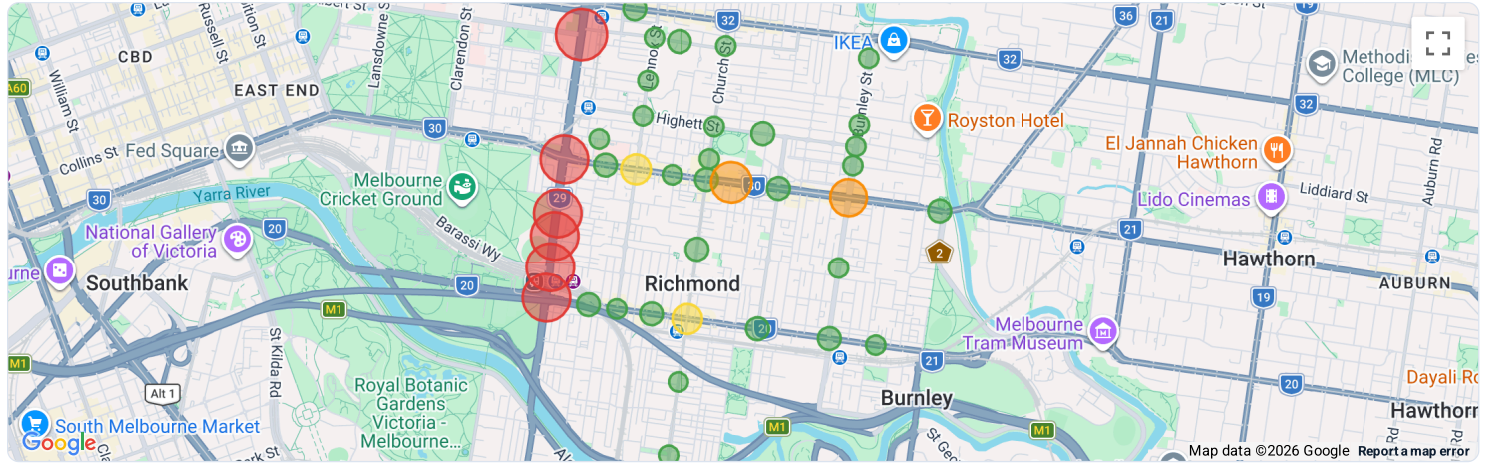
Top SCATS Sites in Richmond

#	SCATS ID	Location	Total movements	Millions	Rank
1	3386	Hoddle / Albert / Elizabeth HODDLE/ALBERT/ELIZABETH	543,973,902	544.0M	7
2	3393	Punt / Swan PUNT/SWAN	489,568,230	489.6M	17
3	3392	Punt / Brunton PUNT/BRUNTON	421,387,756	421.4M	35
4	3390	Punt / Bridge / Hoddle / Wellington PUNT/BRIDGE/HODDLE/WELLINGTON	385,989,403	386.0M	58
5	1038	Punt / Gate 6 PUNT/GATE 6	321,321,426	321.3M	148
6	3391	Punt / Rowena PUNT/ROWENA	297,178,859	297.2M	192
7	4802	BRIDGE near RICHMOND TOWN HALL BRIDGE NR RICHMOND TOWN HALL	258,545,896	258.5M	334
8	4805	Bridge / Burnley BRIDGE/BURNLEY	188,193,760	188.2M	834
9	4800	Bridge / Lennox BRIDGE/LENNOX	177,074,470	177.1M	947
10	4808	Church / Swan CHURCH/SWAN	168,379,201	168.4M	1053

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 **Richmond**. 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: 39. 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

Hoddle / Albert / Elizabeth
543,973.902 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Richmond ranks **#5** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Swan
- Punt
- Bridge
- Burnley
- BRIDGE
- Lennox
- Church
- CHURCH

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
3386	Hoddle / Albert / Elizabeth	HODDLE/ALBERT/ELIZABETH	543,973,902
3393	Punt / Swan	PUNT/SWAN	489,568,230
3392	Punt / Brunton	PUNT/BRUNTON	421,387,756
3390	Punt / Bridge / Hoddle / Wellington	PUNT/BRIDGE/HODDLE/WELLINGTON	385,989,403
1038	Punt / Gate 6	PUNT/GATE 6	321,321,426
3391	Punt / Rowena	PUNT/ROWENA	297,178,859
4802	BRIDGE near RICHMOND TOWN HALL	BRIDGE NR RICHMOND TOWN HALL	258,545,896
4805	Bridge / Burnley	BRIDGE/BURNLEY	188,193,760
4800	Bridge / Lennox	BRIDGE/LENNOX	177,074,470
4808	Church / Swan	CHURCH/SWAN	168,379,201
4810	Swan / Burnley	SWAN/BURNLEY	150,277,611
3868	BRIDGE near VERITY	BRIDGE NR VERITY	149,931,278
4806	BRIDGE near YARRA	BRIDGE NR YARRA	147,535,103
4801	Bridge / Church	BRIDGE/CHURCH	137,175,388
4829	CHURCH near BROUGHAM	CHURCH NR BROUGHAM	114,843,614
4819	SWAN near WAVERLEY	SWAN NR WAVERLEY	113,603,940
4803	Bridge / Coppin	BRIDGE/COPPIN	110,901,272
4823	ELIZABETH near WILLIAMS	ELIZABETH NR WILLIAMS	110,736,000
4809	Swan / Coppin	SWAN/COPPIN	105,996,332
4827	HIGHETT near GRIFFITHS	HIGHETT NR GRIFFITHS	105,175,475
3861	Swan / Cremorne	SWAN/CREMORNE	103,703,515
4154	VICTORIA near CHARLES	VICTORIA NR CHARLES	101,105,488
4826	Church / Highett	CHURCH/HIGHETT	99,922,872
4152	CHURCH near GIBBONS	CHURCH NR GIBBONS	94,503,565
4828	CHURCH near CAMERON	CHURCH NR CAMERON	87,385,953
4807	Swan / Lennox	SWAN/LENNOX	86,278,220
3864	CHURCH near HOWARD	CHURCH NR HOWARD	83,967,051
1707	BRIDGE RD near WALTHAM ST	BRIDGE RD NR WALTHAM ST	78,881,538
3656	Burnley / Highett	BURNLEY/HIGHETT	78,679,656
3657	Burnley / Murphy	BURNLEY/MURPHY	69,998,418
4824	Church / Elizabeth / Baker	CHURCH/ELIZABETH/BAKER	66,382,222
3878	Burnley / Northern Access Road	BURNLEY/NORTHERN ACCESS RD	63,493,307
3863	BURNLEY near KENT	BURNLEY NR KENT	63,411,888
4811	SWAN near STAWELL	SWAN NR STAWELL	63,156,733
4153	BURNLEY near BOYD	BURNLEY NR BOYD	56,132,512
4822	Elizabeth / Lennox	ELIZABETH/LENNOX	55,756,256

SCATS ID	Friendly name	Official name	Total movements
4825	Highett / Lennox	HIGHETT/LENNOX	48,171,725
3869	ERIN near NORMANBY	ERIN NR NORMANBY	13,660,636
3865	LENNOX near YORK	LENNOX NR YORK	10,578,278

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>