

Port Melbourne Traffic Intelligence Profile

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

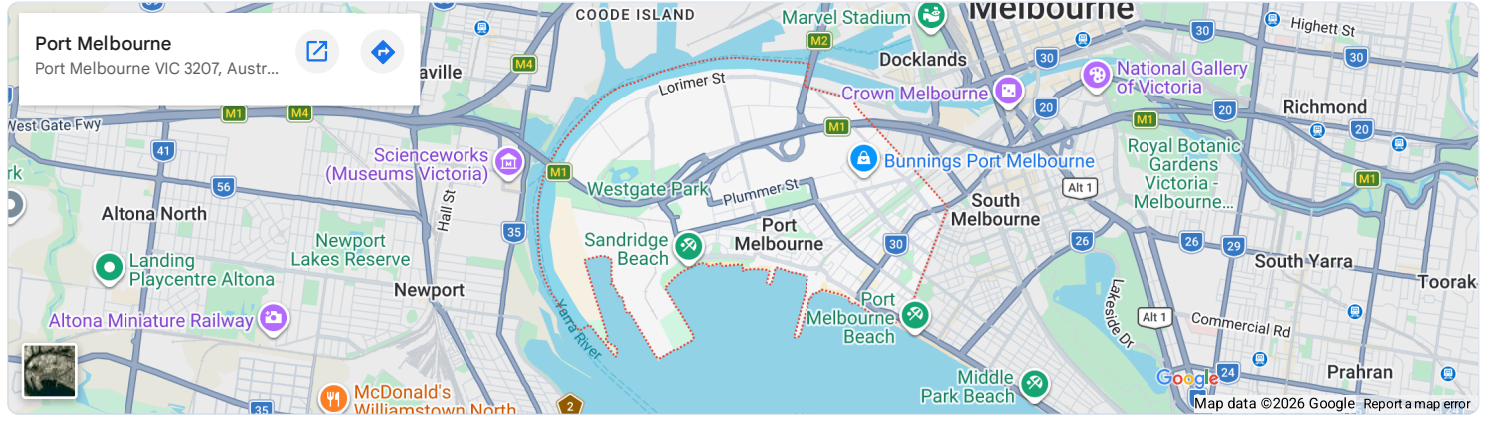
Generated: 20 May 2026 Suburb rank: #73 SCATS sites: 29 Postcode(s): 3207



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

Port Melbourne contains 29 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,120,150,971 vehicle movements, or approximately 2,120.2M.

The busiest mapped SCATS location in Port Melbourne is **Todd Off Ramp / Prohasky / Service Centre**, with 170,680,952 recorded movements across the historical period.

2,120.2M
Total mapped vehicle movements

29
Mapped SCATS sites

#73
Melbourne suburb movement rank

73,108,654
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.

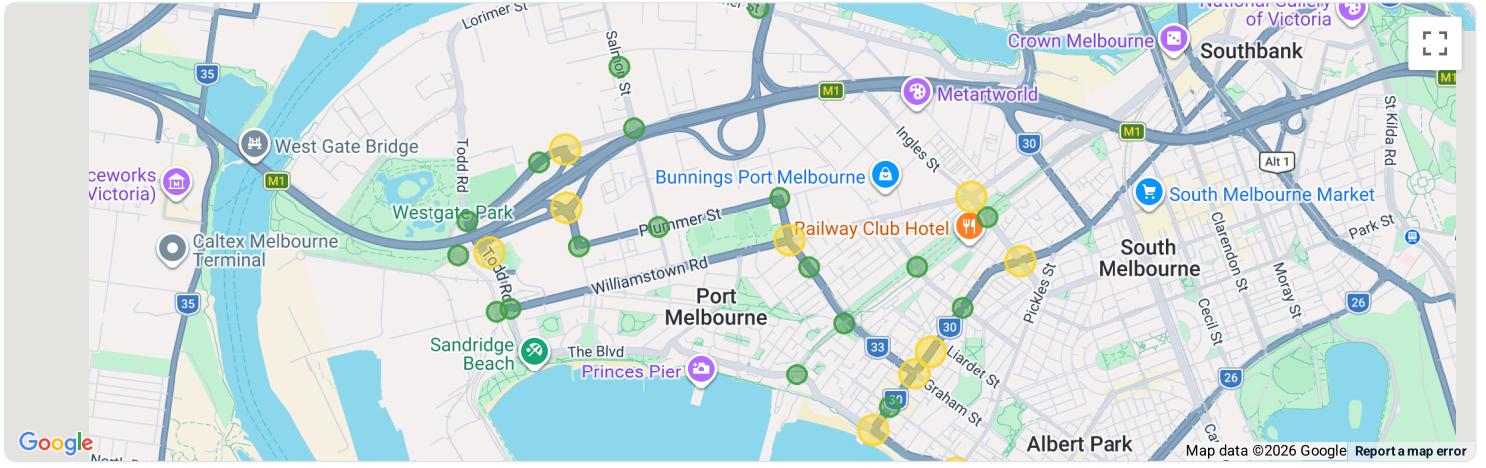
Top SCATS Sites in Port Melbourne

#	SCATS ID	Location	Total movements	Millions	Rank
1	2898	Todd Off Ramp / Prohasky / Service Centre TODD OFF RAMP/PROHASKY/SERVICE CENTRE	170,680,952	170.7M	1019
2	2399	Todd / Webb Dock / Westgate Wb Ramps TODD/WEBB DOCK/WESTGATE WB RAMPS	132,317,319	132.3M	1552
3	3010	Beaconsfield / Beach / Pickles BEACONSFIELD/BEACH/PICKLES	129,565,714	129.6M	1607
4	4720	Ingles / Crockford INGLES/CROCKFORD	122,501,136	122.5M	1744
5	3542	Williamstown / Ingles / Normanby WILLIAMSTOWN/INGLES/NORMANBY	114,656,599	114.7M	1936
6	2663	BAY near LIARDET BAY NR LIARDET	113,863,957	113.9M	1953
7	3626	WESTGATE Freeway EXIT RAMP / COOK WESTGATE FWY EXIT RAMP/COOK	112,880,345	112.9M	1972
8	3750	Williamstown / Graham WILLIAMSTOWN/GRAHAM	108,808,276	108.8M	2070
9	4723	Bay / Beach BAY/BEACH	106,751,169	106.8M	2130
10	4722	Bay / Graham BAY/GRAHAM	106,143,029	106.1M	2142

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 **Port Melbourne**. 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: 29. 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

Todd Off Ramp / Prohasky / Service Centre
 170,680,952 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Port Melbourne ranks **#73** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Bay
- Graham
- Todd
- Webb Dock
- Beach
- Ingles
- Williamstown
- Plummer

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
2898	Todd Off Ramp / Prohasky / Service Centre	TODD OFF RAMP/PROHASKY/SERVICE CENTRE	170,680,952
2399	Todd / Webb Dock / Westgate Wb Ramps	TODD/WEBB DOCK/WESTGATE WB RAMPS	132,317,319
3010	Beaconsfield / Beach / Pickles	BEACONSFIELD/BEACH/PICKLES	129,565,714
4720	Ingles / Crockford	INGLES/CROCKFORD	122,501,136
3542	Williamstown / Ingles / Normanby	WILLIAMSTOWN/INGLES/NORMANBY	114,656,599
2663	BAY near LIARDET	BAY NR LIARDET	113,863,957
3626	WESTGATE Freeway EXIT RAMP / COOK	WESTGATE FWY EXIT RAMP/COOK	112,880,345
3750	Williamstown / Graham	WILLIAMSTOWN/GRAHAM	108,808,276
4723	Bay / Beach	BAY/BEACH	106,751,169
4722	Bay / Graham	BAY/GRAHAM	106,143,029
2293	Bay / Rouse	BAY/ROUSE	90,143,596
2896	Plummer / Salmon	PLUMMER/SALMON	80,712,549
2469	Todd Road / Webb Dock Drive / Cook Street	Todd Road/Webb Dock Drive/Cook Street	79,726,365
4728	GRAHAM near CLARK	GRAHAM NR CLARK	69,939,546
3577	Cook Street / Service Station Access	Cook Street / Service Station Access	67,974,282
2887	Williamstown / Todd	WILLIAMSTOWN/TODD	64,652,667
2897	Plummer / Prohasky	PLUMMER/PROHASKY	62,349,806
4721	Bay / Bridge	BAY/BRIDGE	60,583,711
1047	Salmon / Holden Access	SALMON/HOLDEN ACCESS	58,495,100
3755	Graham / Plummer	GRAHAM/PLUMMER	56,929,634
3543	BEACH near CANBERRA	BEACH NR CANBERRA	41,818,555
2888	Lorimer / Graham	LORIMER/GRAHAM	40,956,399
4732	Lorimer / Salmon	LORIMER/SALMON	40,776,504
3627	COOK / SALMON / WESTGATE Freeway ENTRANCE	COOK/SALMON/WESTGATE FWY ENTRANCE	37,551,858
2997	Webb Dock Drive / Kooringa Way	Webb Dock Drive/Kooringa Way	21,968,673
2995	Webb Dock Drive / Access Road	Webb Dock Drive/Access Road	11,427,581
7047	Swallow / Light Rail Crossing	SWALLOW/LIGHT RAIL CROSSING	6,889,240
4877	Bridge / Light Rail Crossing	BRIDGE/LIGHT RAIL CROSSING	4,612,247
4876	Ingles / Light Rail Crossing	INGLES/LIGHT RAIL CROSSING	4,474,162

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

539,021,000,000

148/148

2014–2026

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>