

# Pakenham Traffic Intelligence Profile

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

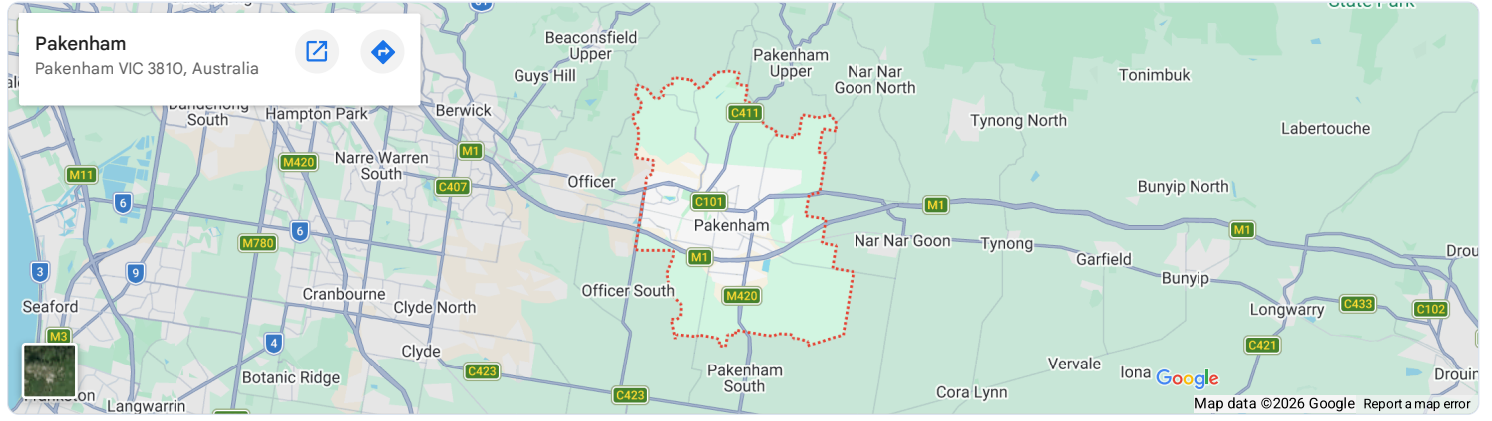
Generated: 20 May 2026   Suburb rank: #89   SCATS sites: 22   Postcode(s): 3809, 3810



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

Pakenham contains 22 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,832,053,192 vehicle movements, or approximately 1,832.1M.

The busiest mapped SCATS location in Pakenham is Cardinia / Henry / Rix, with 175,398,173 recorded movements across the historical period.

**1,832.1M**  
Total mapped vehicle movements

**22**  
Mapped SCATS sites

**#89**  
Melbourne suburb movement rank

**83,275,145**  
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.

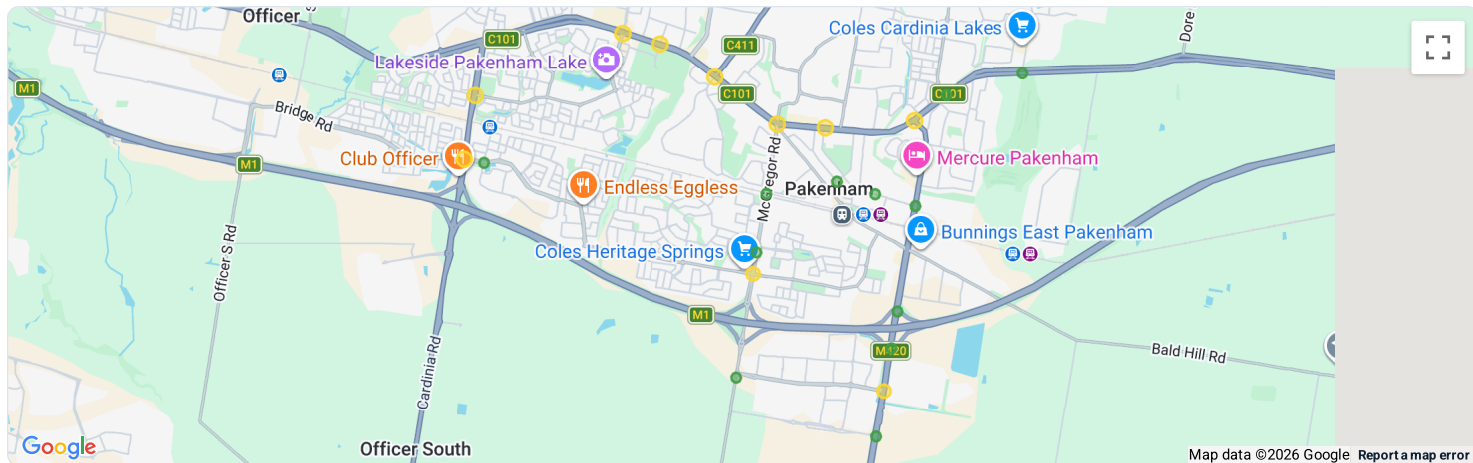
## Top SCATS Sites in Pakenham

#	SCATS ID	Location	Total movements	Millions	Rank
1	1211	Cardinia / Henry / Rix CARDINIA/HENRY/RIX	175,398,173	175.4M	961
2	313	Princes Highway East / LAKESIDE PHE/LAKESIDE	173,261,046	173.3M	984
3	300	Princes Highway East / MCGREGOR / THE AVENUE PHE/MCGREGOR/THE AVENUE	171,999,063	172.0M	1002
4	608	Princes Highway East / PAKENHAM / DUNCAN PHE/PAKENHAM/DUNCAN	159,640,950	159.6M	1153
5	394	Princes Highway East / DOHERTY PHE/DOHERTY	157,786,818	157.8M	1172
6	547	Princes Highway East / RACECOURSE PHE/RACECOURSE	119,225,992	119.2M	1815
7	609	Princes Highway East near DEVENEY PHE NR DEVENEY	111,482,001	111.5M	2005
8	1565	Cardinia Rd / Arena Pde / Shearwater Dr Cardinia Rd / Arena Pde / Shearwater Dr	100,181,515	100.2M	2300
9	1184	Mcgregor / Henry MCGREGOR/HENRY	97,449,735	97.4M	2362
10	1017	Koo Wee Rup / Livestock Way / Streeth East Blvd KOO WEE RUP/LIVESTOCK WAY/STH EAST BLVD	86,280,230	86.3M	2623

**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 **Pakenham**. 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: 22. 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

**Cardinia / Henry / Rix**  
 175,398,173 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Pakenham ranks **#89** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Princes
- High
- Henry
- Cardinia
- Mcgregor
- Healesville Koo
- Rix
- LAKESIDE

**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
1211	Cardinia / Henry / Rix	CARDINIA/HENRY/RIX	175,398,173
313	Princes Highway East / LAKESIDE	PRINCES HWY EAST/LAKESIDE	173,261,046
300	Princes Highway East / MCGREGOR / THE AVENUE	PRINCES HWY EAST/MCGREGOR/THE AVENUE	171,999,063
608	Princes Highway East / PAKENHAM / DUNCAN	PRINCES HWY EAST/PAKENHAM/DUNCAN	159,640,950
394	Princes Highway East / DOHERTY	PRINCES HWY EAST/DOHERTY	157,786,818
547	Princes Highway East / RACECOURSE	PRINCES HWY EAST/RACECOURSE	119,225,992
609	Princes Highway East near DEVENEY	PRINCES HWY EAST NR DEVENEY	111,482,001
1565	Cardinia Rd / Arena Pde / Shearwater Dr	Cardinia Rd / Arena Pde / Shearwater Dr	100,181,515
1184	Mcgregor / Henry	MCGREGOR/HENRY	97,449,735
1017	Koo Wee Rup / Livestock Way / Streeth East Blvd	KOO WEE RUP/LIVESTOCK WAY/STH EAST BLVD	86,280,230
597	PRINCES Highway / ARMY	PRINCES HWY/ARMY	79,499,010
1212	Henry / Village Way / Caversham	HENRY/VILLAGE WAY/CAVERSHAM	74,986,682
565	Princes Highway East / Windermere	PRINCES HIGHWAY EAST/WINDERMERE	71,561,011
3270	McGregor Rd near Livingstone Blvd	McGregor Rd near Livingstone Blvd	58,919,724
3294	Racecourse Road / Henry St / Azola Dr	Racecourse Road / Henry St / Azola Dr	50,830,928
1347	John / James	JOHN/JAMES	45,165,543
32003	MCGREGOR ROAD between ROGER & HENTY STREET	MCGREGOR ROAD BTW ROGER & HENTY STREET	25,049,792
1491	Henry Street / Station Street	Henry Street / Station Street	17,183,735
32132	Princes Fwy / Healesville - Koo Wee Rup (South)	Princes Fwy / Healesville - Koo Wee Rup (South)	15,301,119
32018	Healesville-Koo Wee Rup Road / Green Hills Road	Healesville-Koo Wee Rup Road / Green Hills Road	14,790,900
5466	Mcgregor Road / South East Bvd	MCGREGOR ROAD / SOUTH EAST BVD	13,068,896
32131	Princes Fwy / Healesville - Koo Wee Rup (North)	Princes Fwy / Healesville - Koo Wee Rup (North)	12,990,329

## 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>