

# Frankston 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: #18   SCATS sites: 33   Postcode(s): 3199



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

Frankston contains 33 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 4,314,892,772 vehicle movements, or approximately 4,314.9M.

The busiest mapped SCATS location in Frankston is Cranbourne-Frankston / Penlink, with 282,379,243 recorded movements across the historical period.

**4,314.9M**  
Total mapped vehicle movements

**33**  
Mapped SCATS sites

**#18**  
Melbourne suburb movement rank

**130,754,326**  
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.

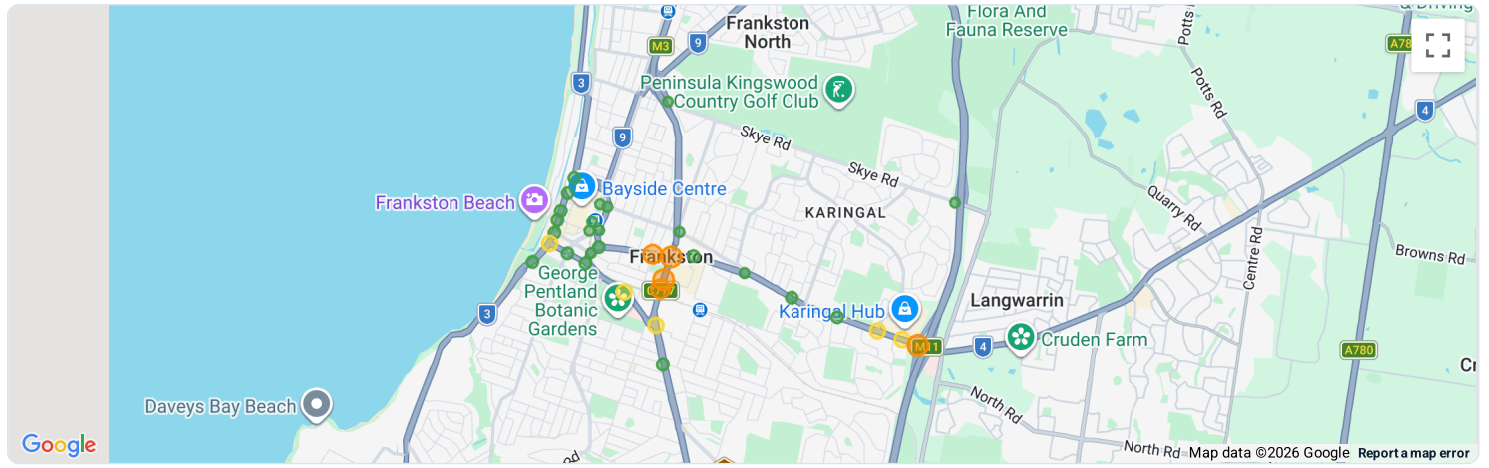
## Top SCATS Sites in Frankston

#	SCATS ID	Location	Total movements	Millions	Rank
1	1302	Cranbourne-Frankston / Penlink CRANBOURNE-FRANKSTON/PENLINK	282,379,243	282.4M	239
2	731	Cranbourne / Moorooduc / Frankston Freeway CRANBOURNE/MOOROODUC/FRANKSTON FWY	277,249,061	277.2M	260
3	511	MOOROODUC Highway / GERTRUDE MOOROODUC HWY/GERTRUDE	260,821,726	260.8M	322
4	755	MOOROODUC Highway near RAIL CROSSING MOOROODUC HWY NR RAIL CROSSING	198,409,437	198.4M	739
5	1145	Cranbourne / Clarendon CRANBOURNE/CLARENDON	190,678,315	190.7M	815
6	528	DAVEY-HASTINGS near FRANKSTON HOSP ENT DAVEY-HASTINGS NR FRANKSTON HOSP ENT	174,633,836	174.6M	970
7	747	Cranbourne / Karingal Hub Ent CRANBOURNE/KARINGAL HUB ENT	171,848,884	171.8M	1003
8	233	Nepean / Davey NEPEAN/DAVEY	168,593,518	168.6M	1046
9	738	Frank-Flind / McMahoys(Moorooduc / Hastings) FRANK-FLIND/MCMAHONS(MOOROODUC/HASTINGS)	164,384,030	164.4M	1098
10	276	Cranbourne / Karingal CRANBOURNE/KARINGAL	162,917,021	162.9M	1116

**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 Frankston. 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: 33. 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

**Cranbourne-Frankston / Penlink**  
 282,379,243 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Frankston ranks **#18** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Cranbourne
- Nepean
- Beach
- Young
- High
- MOOROODUC
- Davey
- Fletcher

**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
1302	Cranbourne-Frankston / Penlink	CRANBOURNE-FRANKSTON/PENLINK	282,379,243
731	Cranbourne / Moorooduc / Frankston Freeway	CRANBOURNE/MOOROODUC/FRANKSTON FWY	277,249,061
511	MOOROODUC Highway / GERTRUDE	MOOROODUC HWY/GERTRUDE	260,821,726
755	MOOROODUC Highway near RAIL CROSSING	MOOROODUC HWY NR RAIL CROSSING	198,409,437
1145	Cranbourne / Clarendon	CRANBOURNE/CLARENDON	190,678,315
528	DAVEY-HASTINGS near FRANKSTON HOSP ENT	DAVEY-HASTINGS NR FRANKSTON HOSP ENT	174,633,836
747	Cranbourne / Karingal Hub Ent	CRANBOURNE/KARINGAL HUB ENT	171,848,884
233	Nepean / Davey	NEPEAN/DAVEY	168,593,518
738	Frank-Flind / Mcmahons(Moorooduc / Hastings)	FRANK-FLIND/MCMAHONS(MOOROODUC/HASTINGS)	164,384,030
276	Cranbourne / Karingal	CRANBOURNE/KARINGAL	162,917,021
743	MOOROODUC Highway / HEATHERHILL	MOOROODUC HWY/HEATHERHILL	150,787,340
271	Cranbourne / Lee	CRANBOURNE/LEE	149,607,879
231	Nepean / Wells	NEPEAN/WELLS	140,402,203
232	Nepean / Playne	NEPEAN/PLAYNE	129,968,155
746	CRANBOURNE near WATTLE TREE	CRANBOURNE NR WATTLE TREE	127,705,077
525	Nepean / Frankston Pier Access	NEPEAN/FRANKSTON PIER ACCESS	127,537,472
728	Davey / Young	DAVEY/YOUNG	120,802,965
274	Nepean / Fletcher	NEPEAN/FLETCHER	117,865,967
1091	Cranbourne / Pen.Power Centre Access	CRANBOURNE/PEN.POWER CENTRE ACCESS	110,098,268
230	Nepean / Beach	NEPEAN/BEACH	109,399,246
272	Cranbourne / Fletcher / Fire Streetn	CRANBOURNE/FLETCHER/FIRE STN	108,082,778
745	Davey / Baxter / Hastings	DAVEY/BAXTER/HASTINGS	100,974,768
277	NEPEAN near WELLS	NEPEAN NR WELLS	100,063,911
751	Beach / Mcmahons	BEACH/MCMAHONS	96,554,994
387	FLETCHER near BEACH	FLETCHER NR BEACH	91,031,259
2687	Frankston-Cranbourne / Beach	FRANKSTON-CRANBOURNE/BEACH	82,847,470
750	Cranbourne / Playne	CRANBOURNE/PLAYNE	72,897,064
1298	Skye / Penlink	SKYE/PENLINK	71,508,996
741	Young / Station	YOUNG / STATION	58,108,963
748	Fletcher / Beach / Railway	FLETCHER/BEACH/RAILWAY	57,448,787
545	Frankston Freeway / Skye	FRANKSTON FWY/SKYE	51,351,294
730	Beach / Young / Dandenong	BEACH/YOUNG/DANDENONG	50,167,385
1775	Young Street / Wells Street	Young Street / Wells Street	37,765,460

## 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>