

# Brighton Traffic Intelligence Profile

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

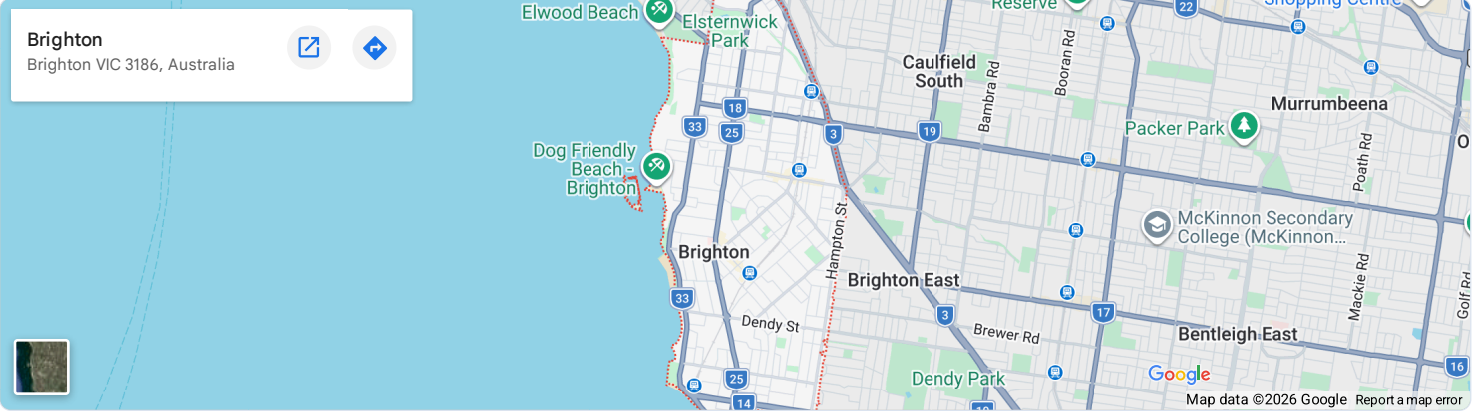
Generated: 20 May 2026   Suburb rank: #99   SCATS sites: 19   Postcode(s): 3186, 3187



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

Brighton contains 19 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,689,496,552 vehicle movements, or approximately 1,689.5M.

The busiest mapped SCATS location in Brighton is Nepean / Bay / Milroy / Hampton, with 251,219,797 recorded movements across the historical period.

**1,689.5M**  
Total mapped vehicle movements

**19**  
Mapped SCATS sites

**#99**  
Melbourne suburb movement rank

**88,920,871**  
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.

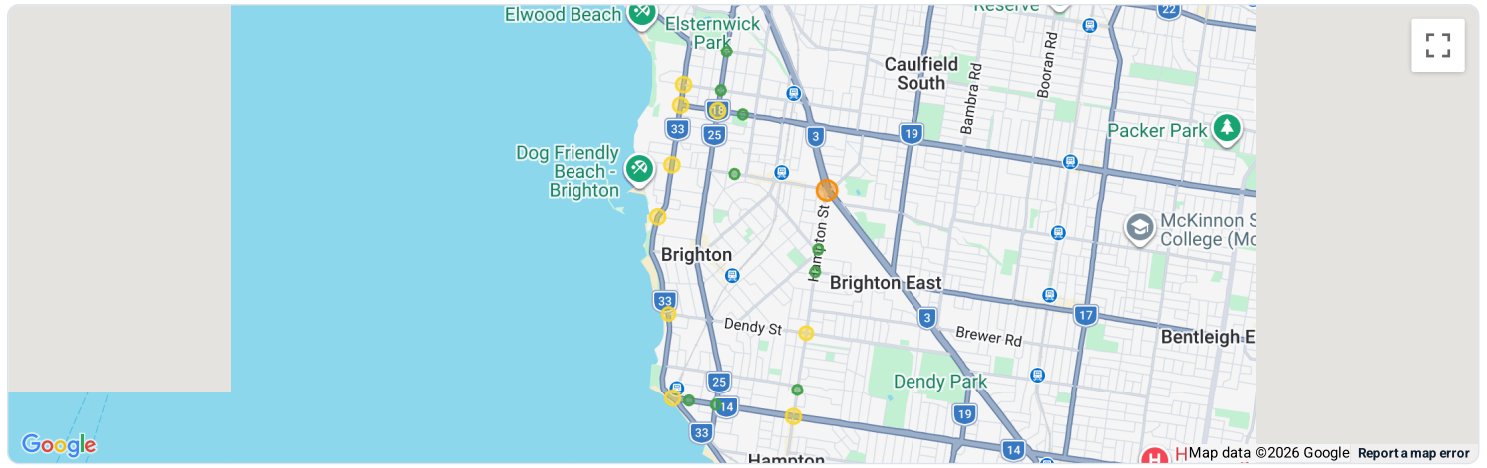
## Top SCATS Sites in Brighton

#	SCATS ID	Location	Total movements	Millions	Rank
1	2317	Nepean / Bay / Milroy / Hampton NEPEAN/BAY/MILROY/HAMPTON	251,219,797	251.2M	363
2	3023	St Kilda / Martin ST KILDA/MARTIN	135,451,885	135.5M	1516
3	3024	North / St Kilda NORTH/ST KILDA	132,966,502	133.0M	1541
4	3028	South / Beach SOUTH/BEACH	121,803,242	121.8M	1762
5	3632	South / Hampton SOUTH/HAMPTON	111,860,297	111.9M	1997
6	3550	North / New NORTH/NEW	102,218,314	102.2M	2246
7	3025	St Kilda / Bay ST KILDA/BAY	101,902,973	101.9M	2252
8	3026	St Kilda / Grosvenor ST KILDA/GROSVENOR	100,533,493	100.5M	2290
9	3027	Dendy / Esplanade DENDY/ESPLANADE	97,869,259	97.9M	2351
10	3957	Dendy / Hampton DENDY/HAMPTON	93,245,027	93.2M	2457

**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 Brighton. 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: 19. 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

Nepean / Bay / Milroy / Hampton

251,219,797 vehicle movements

[Open busiest site in Google Maps](#)

### Suburb Rank

Brighton ranks #99 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Hampton
- Kilda
- New
- Bay
- Martin
- Dendy
- Nepean
- Milroy

**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
2317	Nepean / Bay / Milroy / Hampton	NEPEAN/BAY/MILROY/HAMPTON	251,219,797
3023	St Kilda / Martin	ST KILDA/MARTIN	135,451,885
3024	North / St Kilda	NORTH/ST KILDA	132,966,502
3028	South / Beach	SOUTH/BEACH	121,803,242
3632	South / Hampton	SOUTH/HAMPTON	111,860,297
3550	North / New	NORTH/NEW	102,218,314
3025	St Kilda / Bay	ST KILDA/BAY	101,902,973
3026	St Kilda / Grosvenor	ST KILDA/GROSVENOR	100,533,493
3027	Dendy / Esplanade	DENDY/ESPLANADE	97,869,259
3957	Dendy / Hampton	DENDY/HAMPTON	93,245,027
3568	Hampton / Durrant / Cluden	HAMPTON/DURRANT/CLUDEN	72,815,044
3960	Centre / Hampton	CENTRE/HAMPTON	69,016,931
2351	New / Head	NEW/HEAD	66,637,410
3549	NORTH near ST JAMES	NORTH NR ST JAMES	62,674,539
3950	New / Martin	NEW/MARTIN	59,547,147
3631	South / New	SOUTH/NEW	57,578,905
3718	Bay / Male / Hillcrest	BAY/MALE/HILLCREST	52,155,579
3630	SOUTH near ESPLANADE	SOUTH NR ESPLANADE	148
3958	HAMPTON near WERE	HAMPTON NR WERE	60

## 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

