

# Kew Traffic Intelligence Profile

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

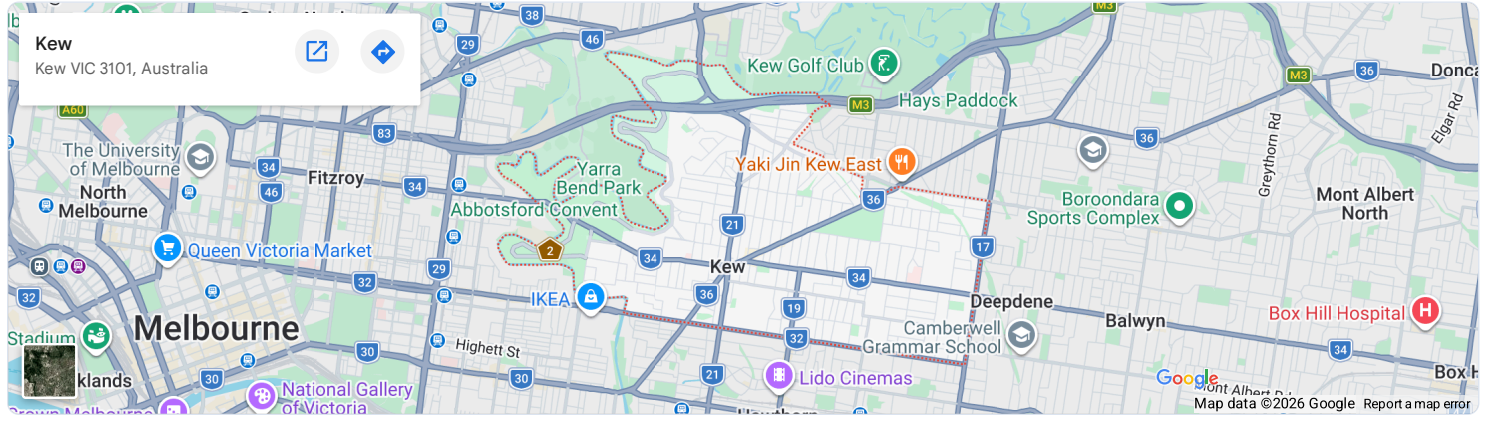
Generated: 20 May 2026 Suburb rank: #14 SCATS sites: 34 Postcode(s): 3101, 3102, 3103



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

Kew contains 34 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 4,439,113,684 vehicle movements, or approximately 4,439.1M.

The busiest mapped SCATS location in Kew is CHANDLER Highway / EASTERN Freeway WB, with 278,567,154 recorded movements across the historical period.

**4,439.1M**  
Total mapped vehicle movements

**34**  
Mapped SCATS sites

**#14**  
Melbourne suburb movement rank

**130,562,167**  
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.

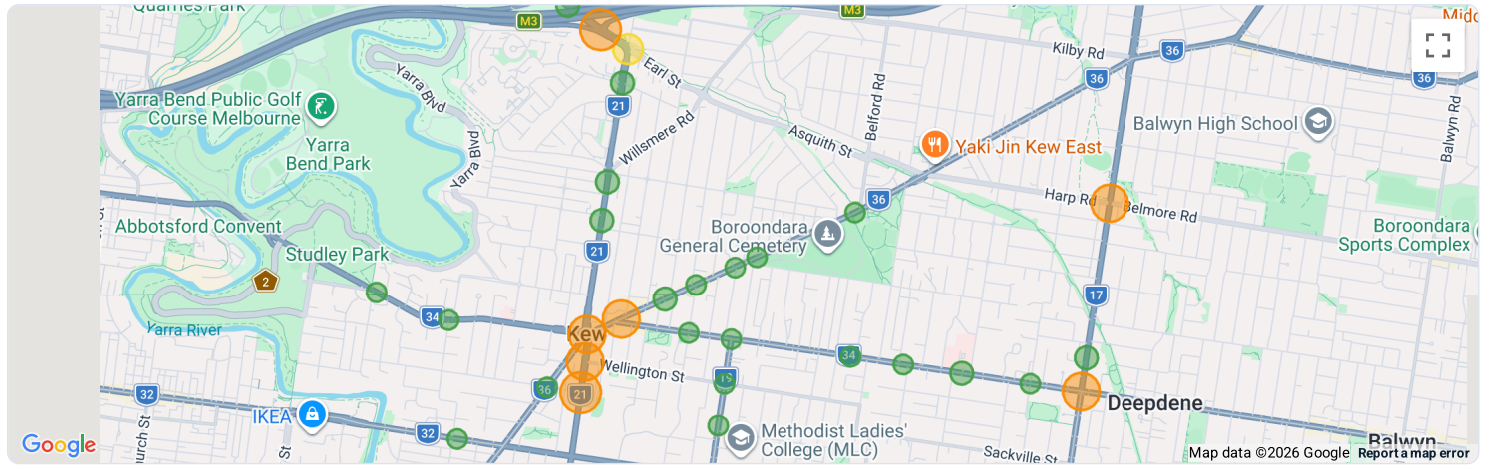
## Top SCATS Sites in Kew

#	SCATS ID	Location	Total movements	Millions	Rank
1	2821	CHANDLER Highway / EASTERN Freeway WB CHANDLER HWY/EASTERN FWY WB	278,567,154	278.6M	255
2	1190	Denmark / Streetevenson DENMARK/STEVENSON	265,501,425	265.5M	302
3	4034	Burke / Cotham / Whitehorse BURKE/COTHAM/WHITEHORSE	243,175,063	243.2M	401
4	2824	CHANDLER Highway / YARRA BLVD / GUIDE DOG ACCESS CHANDLER HWY / YARRA BLVD/GUIDE DOG ACCESS	235,922,440	235.9M	436
5	2823	CHANDLER Highway / EAST Freeway E OFF CHANDLER HWY/EAST FWY E OFF	208,316,745	208.3M	634
6	3663	Denmark / Wellington DENMARK/WELLINGTON	203,853,752	203.9M	684
7	4032	Burke / Belmore / Harp BURKE/BELMORE/HARP	201,227,182	201.2M	716
8	3662	High / Denmark / Princess / Studley Park HIGH/DENMARK/PRINCESS/STUDLEY PARK	197,431,886	197.4M	747
9	4334	HIGH near WALPOLE HIGH NR WALPOLE	196,768,873	196.8M	753
10	2820	CHANDLER Highway / PRINCESS CHANDLER HWY/PRINCESS	172,282,943	172.3M	997

**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 Kew. 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: 34. 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

**CHANDLER Highway / EASTERN Freeway WB**  
 278,567,154 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Kew ranks #14 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- High
- CHANDLER
- COTHAM
- Denmark
- Cotham
- PRINCESS
- Glenferrie
- Streetevenson

**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
2821	CHANDLER Highway / EASTERN Freeway WB	CHANDLER HWY/EASTERN FWY WB	278,567,154
1190	Denmark / Streetevenson	DENMARK/STEVENSON	265,501,425
4034	Burke / Cotham / Whitehorse	BURKE/COTHAM/WHITEHORSE	243,175,063
2824	CHANDLER Highway / YARRA BLVD / GUIDE DOG ACCESS	CHANDLER HWY /YARRA BLVD/GUIDE DOG ACCESS	235,922,440
2823	CHANDLER Highway / EAST Freeway E OFF	CHANDLER HWY/EAST FWY E OFF	208,316,745
3663	Denmark / Wellington	DENMARK/WELLINGTON	203,853,752
4032	Burke / Belmore / Harp	BURKE/BELMORE/HARP	201,227,182
3662	High / Denmark / Princess / Studley Park	HIGH/DENMARK/PRINCESS/STUDLEY PARK	197,431,886
4334	HIGH near WALPOLE	HIGH NR WALPOLE	196,768,873
2820	CHANDLER Highway / PRINCESS	CHANDLER HWY/PRINCESS	172,282,943
3003	Barkers / Glenferrie	BARKERS/GLENFERRIE	168,240,313
2822	CHANDLER Highway / EAST Freeway E ON	CHANDLER HWY/EAST FWY E ON	147,207,067
4332	COTHAM near JOHN	COTHAM NR JOHN	144,151,774
3622	Princess / Duke	PRINCESS/DUKE	137,975,955
3621	PRINCESS near MOLESWORTH	PRINCESS NR MOLESWORTH	134,343,563
4033	BURKE near TREGARRON	BURKE NR TREGARRON	130,419,862
3004	Barkers / Auburn / Wrixon	BARKERS/AUBURN/WRIXON	123,815,551
3620	PRINCESS near WILLS	PRINCESS NR WILLS	122,112,593
3667	HIGH near PAKINGTON	HIGH NR PAKINGTON	110,278,588
3000	BARKERS near FINDON	BARKERS NR FINDON	90,362,511
4335	High / Charles	HIGH/CHARLES	81,889,378
4330	GLENFERRIE near FITZWILLIAM	GLENFERRIE NR FITZWILLIAM	79,399,157
4324	Cotham / Glenferrie	COTHAM/GLENFERRIE	75,758,801
3661	Studley Park / Carson	STUDLEY PARK/CARSON	74,926,986
4329	High / Streetevenson	HIGH/STEVENSON	73,156,902
4336	HIGH near CHILDERS	HIGH NR CHILDERS	68,109,549
4323	Cotham / Charles	COTHAM/CHARLES	65,890,844
3297	High Street / Deby Place / Mary Street	High Street / Deby Place / Mary Street	63,153,260
4320	HIGH near PARK HILL	HIGH NR PARK HILL	60,547,019
3660	STUDLEY PARK near HODGSON	STUDLEY PARK NR HODGSON	59,993,571
4326	COTHAM near BRADFORD	COTHAM NR BRADFORD	57,955,435
4333	COTHAM near MARSHALL	COTHAM NR MARSHALL	56,935,228
4328	Glenferrie / Wellington	GLENFERRIE/WELLINGTON	55,062,611
4325	COTHAM near FLORENCE	COTHAM NR FLORENCE	54,379,703

## 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>