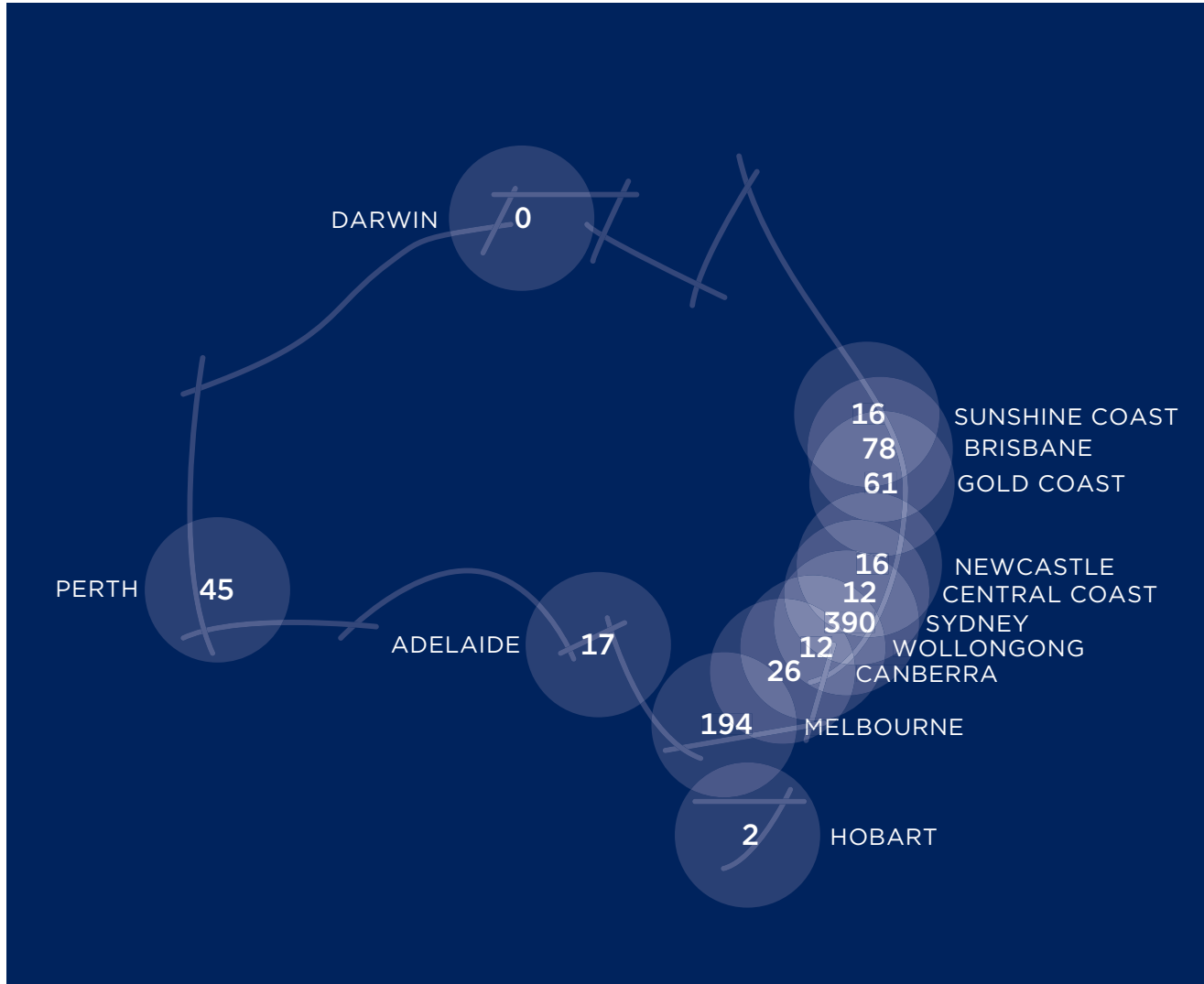


AUSTRALIA



Q1 2024 RLB CRANE INDEX® HIGHLIGHTS

- With 869 cranes on sites nationally, the Q1 2024 RLB Crane Index® has recorded the second highest count in the 24 editions of the index.
- Both the residential crane index and the non-residential index were just below their highest level recorded.
- The highest number of cranes on a site in Australia was the Amazon Fulfillment Centre in Melbourne with seven cranes.
- The Gold Coast maintained its record number of cranes.
- New South Wales accounted for 49.5% of all cranes across Australia; Melbourne accounted for 22.3%; and South-East Queensland for 17.8% of all cranes.
- With a 196 crane difference, the gap between Sydney and Melbourne crane numbers continues to be significant.

AUSTRALIA

The RLB Crane Index® fell by three index points to reach 204 points in Q1 2024. The index value of 204 points is equivalent to 869 cranes across the country, down slightly from the record high of 882 reached in our last publication. Despite this slight dip, it is clear that crane numbers across the country remain high.

In the last six months, 367 new cranes were added to new projects, and 380 cranes were removed from buildings nearing completion. With 13 less cranes dotting the skyline, the number of cranes across the major cities is now the second highest recorded.

The large number of cranes observed correlates with national construction activity. According to the Australian Bureau of Statistics, total construction activity across Australia for the 2023 calendar year was up by 9.0%, or \$21bn, compared to 2022.

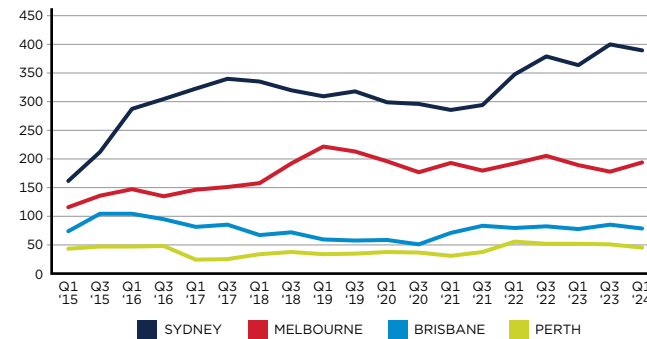
The residential index fell from the record high of 178 in the last edition by four index points to 174 points. The index represents 540 cranes, down from 553 in the last count. 210 cranes were added to residential projects, with 223 removed from sites.

The non-residential index remained steady at 286 points. There are 329 cranes on non-residential sites—the same total as in Q3 2023. The non-residential proportion of cranes across the country is 38%, up slightly from the 37% recorded in the last count.

Four cities recorded higher crane numbers for Q1 2024. Melbourne was the only city that gained more than 10 cranes.

When comparing current and historical crane numbers for Melbourne, Sydney and nationally, Melbourne bounced back after falling for the two previous counts. Melbourne's count of 194 cranes has climbed above the average of 175 since Q1 2015. Current crane numbers in Sydney and nationally are well above their respective averages of 310 and 708.

AUSTRALIA CRANE NUMBERS



Q1 2024 RLB CRANE INDEX® SUMMARY

CITIES	KEY SECTORS
ADELAIDE	AGED CARE
BRISBANE	CIVIC
CANBERRA	CIVIL
CENTRAL COAST	COMMERCIAL
DARWIN	DATA CENTRE / INDUSTRIAL
GOLD COAST	EDUCATION
HOBART	HEALTH
MELBOURNE	HOTEL
NEWCASTLE	MIXED USE
PERTH	RECREATION
SUNSHINE COAST	RESIDENTIAL
SYDNEY	RETAIL
WOLLONGONG	

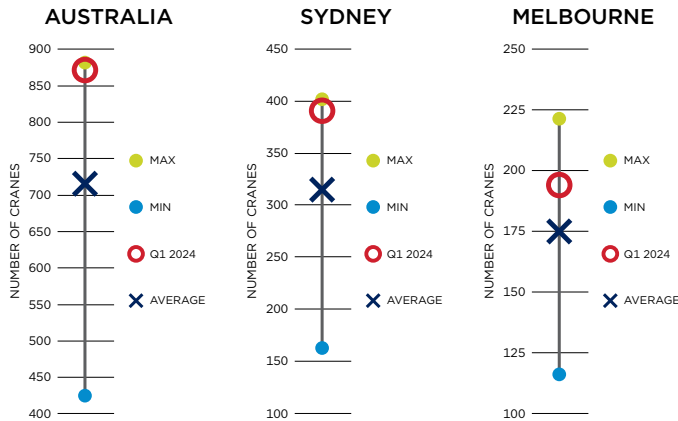
LEGEND



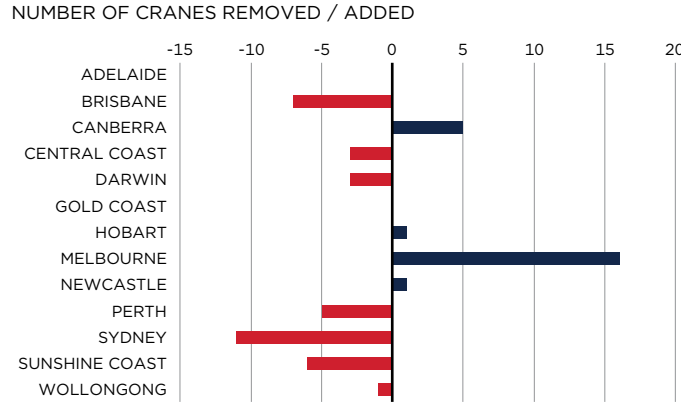
AUSTRALIA

The charts below identify three key metrics within each regions crane index history.

- The green circle represents the greatest number of cranes recorded.
- The blue circle represents the least number of cranes recorded.
- The red circle represents the current number of cranes counted at Q1 2024
- The "X" indicates the average number of cranes counted over the past 24 editions of the crane index.



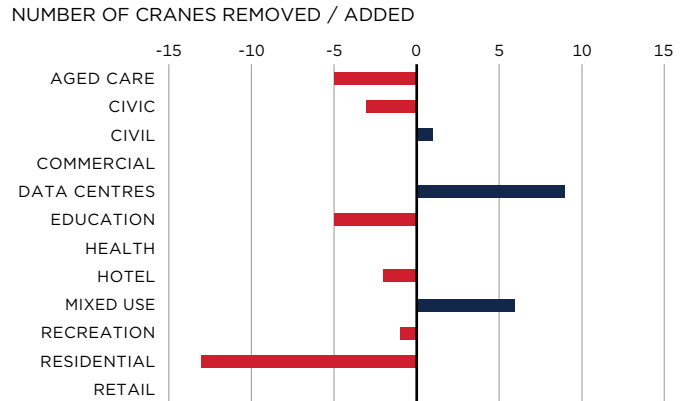
AUSTRALIA NET CRANE MOVEMENT BY CITY



CRANE ACTIVITY - AUSTRALIA BY KEY CITIES

	OPENING COUNT Q3 2023		MOVEMENT			CLOSING COUNT Q1 2024	
	Count	%	+	-	NET	Count	%
ADELAIDE	17	1.9%	8	-8	0	17	2.0%
BRISBANE	85	9.6%	21	-28	-7	78	9.0%
CANBERRA	21	2.4%	16	-11	5	26	3.0%
CENTRAL COAST	15	1.7%	1	-4	-3	12	1.4%
DARWIN	3	0.3%	0	-3	-3	0	0.0%
GOLD COAST	61	6.9%	22	-22	0	61	7.0%
HOBART	1	0.1%	2	-1	1	2	0.2%
MELBOURNE	178	20.2%	107	-91	16	194	22.3%
NEWCASTLE	15	1.7%	5	-4	1	16	1.8%
PERTH	50	5.7%	17	-22	-5	45	5.2%
SUNSHINE COAST	22	2.5%	2	-8	-6	16	1.8%
SYDNEY	401	45.5%	161	-172	-11	390	44.9%
WOLLONGONG	13	1.5%	5	-6	-1	12	1.4%
TOTAL	882	100.0%	367	-380	-13	869	100.0%

AUSTRALIA NET CRANE MOVEMENT BY SECTOR



CRANE ACTIVITY - AUSTRALIA BY SECTOR

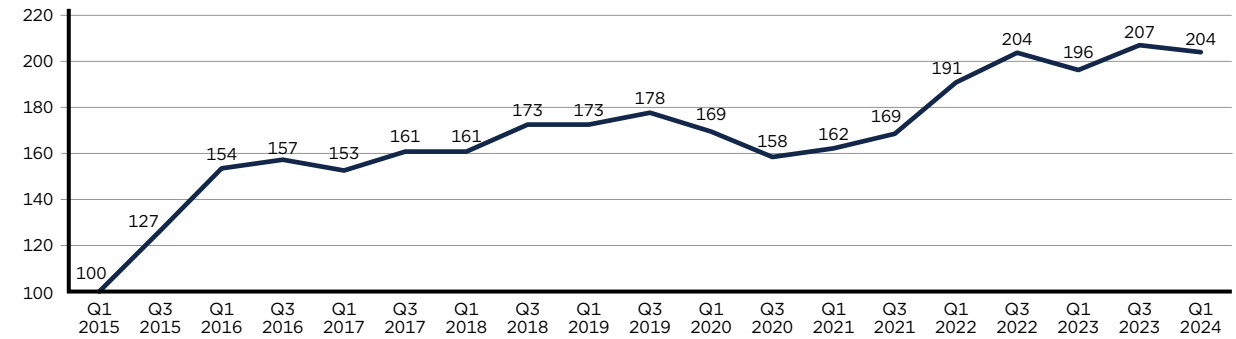
	OPENING COUNT Q3 2023		MOVEMENT			CLOSING COUNT Q1 2024	
	Count	%	+	-	NET	Count	%
AGED CARE	14	1.6%	2	-7	-5	9	1.0%
CIVIC	26	2.9%	10	-13	-3	23	2.6%
CIVIL	53	6.0%	27	-26	1	54	6.2%
COMMERCIAL	63	7.1%	34	-34	0	63	7.2%
DATA CENTRES	13	1.5%	19	-10	9	22	2.5%
EDUCATION	26	2.9%	12	-17	-5	21	2.4%
HEALTH	33	3.7%	16	-16	0	33	3.8%
HOTEL	9	1.0%	5	-7	-2	7	0.8%
MIXED USE	81	9.2%	29	-23	6	87	10.0%
RECREATION	4	0.5%	0	-1	-1	3	0.3%
RESIDENTIAL	553	62.7%	210	-223	-13	540	62.1%
RETAIL	7	0.8%	3	-3	0	7	0.8%
TOTAL	882	100.0%	367	-380	-13	869	100.0%

AUSTRALIA

RLB CRANE INDEX®

The RLB Crane Index® eased slightly in Q1 2024 from the previous peak of 207, and currently sits at 204 points. There are currently 869 cranes across the county, down by 1.4% from Q3 2023.

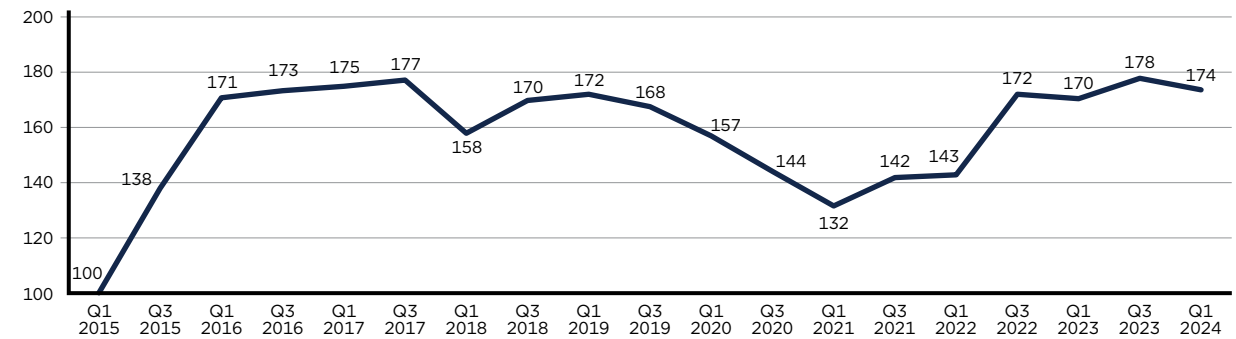
BASE: Q1 2015 = 100



RESIDENTIAL AUSTRALIAN INDEX

The residential index dipped very slightly from 178 index point to 174 index points. There are currently 540 cranes on residential projects across the country.

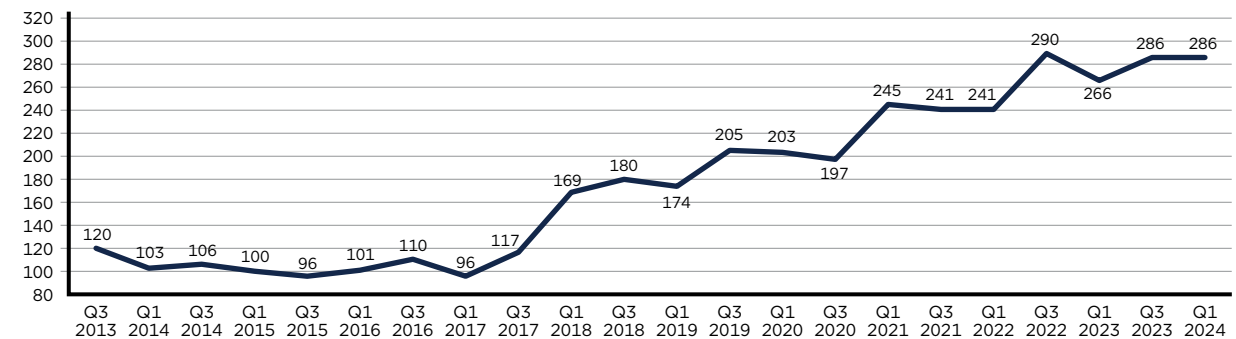
BASE: Q1 2015 = 100



NON-RESIDENTIAL SECTORS CRANE INDEX

The non-residential index remained stable on 286 points. The index persisted at an historically high level, indicating the overall strong activity of non-residential projects across the country.

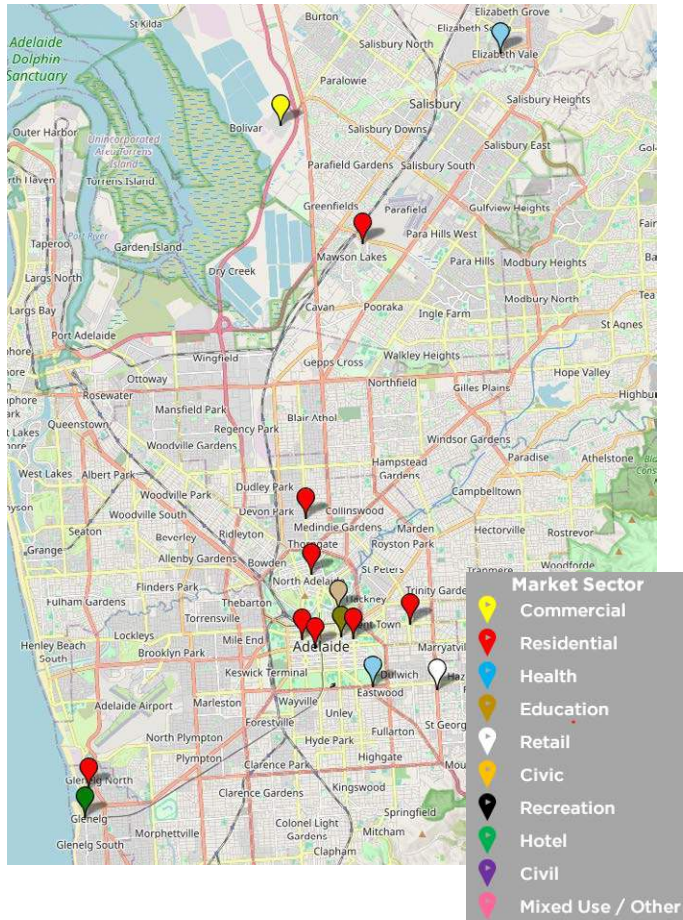
BASE: Q1 2015 = 100



ADELAIDE

The number of cranes operating in Adelaide remained steady since the last count. A total of eight cranes were removed, and eight cranes were erected on new projects commencing construction.

Adelaide's RLB Crane Index® was stable at 283 index points, representing a total of 17 cranes across the city.



KEY SECTORS

- COMMERCIAL
- DATA CENTRE / INDUSTRIAL
- EDUCATION
- HEALTH
- HOTEL
- RESIDENTIAL
- RETAIL

OVERALL STATUS



LEGEND

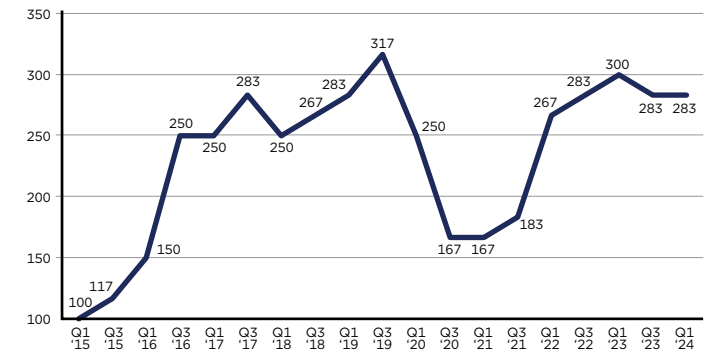
- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

CRANE ACTIVITY - ADELAIDE

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0.0%	0	0	0	0	0.0%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	3	17.6%	1	-3	-2	1	5.9%
DATA CENTRES	1	5.9%	0	0	0	1	5.9%
EDUCATION	2	11.8%	0	-1	-1	1	5.9%
HEALTH	1	5.9%	2	-1	1	2	11.8%
HOTEL	2	11.8%	0	-1	-1	1	5.9%
MIXED USE	0	0.0%	0	0	0	0	0.0%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	6	35.3%	5	-2	3	9	52.9%
RETAIL	2	11.8%	0	0	0	2	11.8%
TOTAL	17	100.0%	8	-8	0	17	100.0%

RLB CRANE INDEX® - ADELAIDE

BASE: Q1 2015 = 100



ADELAIDE

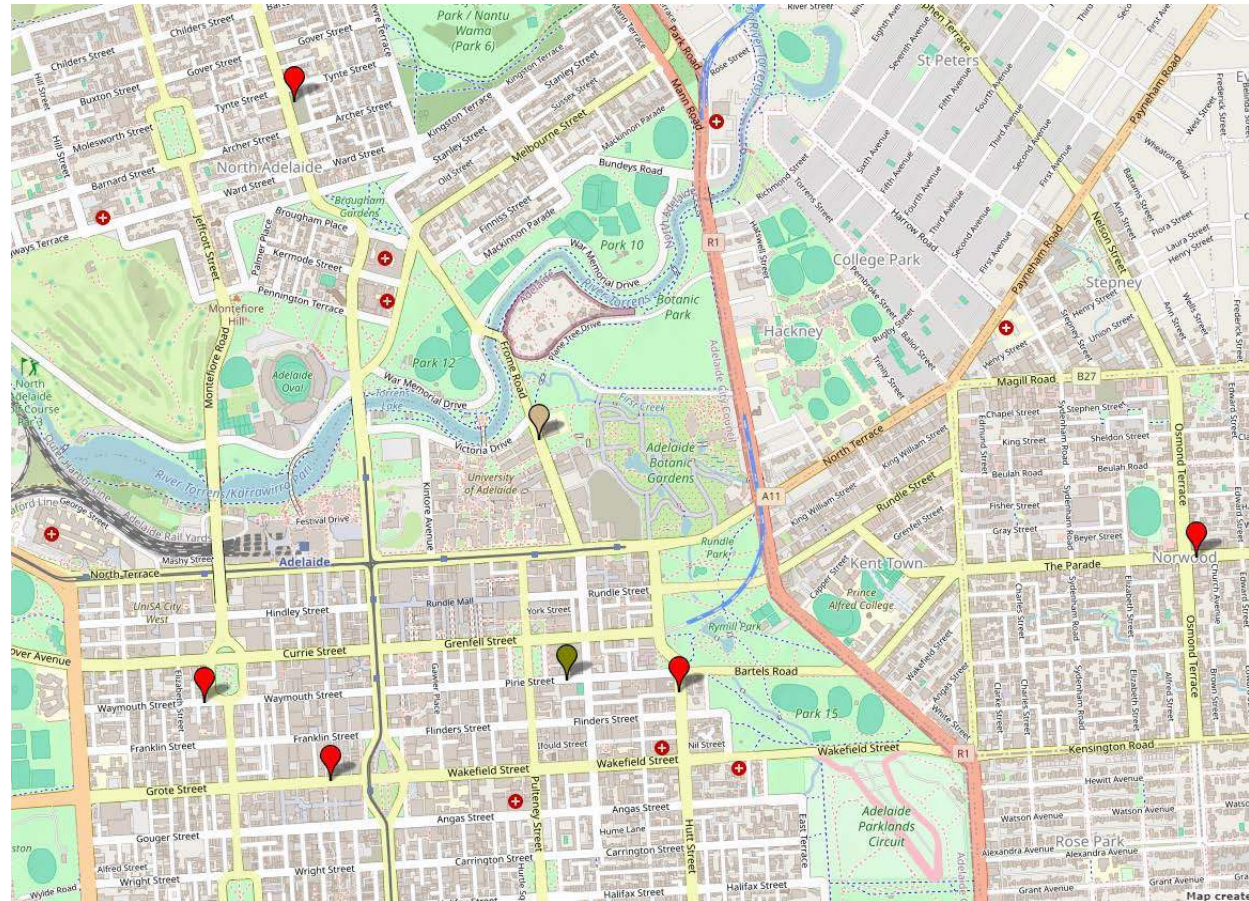
Cranes were added at the following projects:

- Bolivar Water Works (commercial)
- Eastwood Hospital
- Lyell Mcewin Hospital
- ORTA on the Parade (residential)
- Student Accommodation in Mawson Lakes
- The Harrington (residential)
- Victoria Tower (residential)
- YWCA (residential)

Cranes were removed from developments at:

- 150 Grenfell Street (commercial)
- 185 Pirie Street (commercial)
- Festival Tower (commercial)
- Flinders University
- GPO Hotel
- Paragon On The Park (residential)
- Queen Elizabeth Hospital
- The Crowne Plaza Hotel

The residential sector has the greatest number of cranes at nine, followed by the health and retail sectors, which each have two cranes.



BRISBANE

Brisbane recorded a fall in the RLB Crane Index® value. The index dropped from 116 points, recorded in Q3 2023, to 107 points. The index represents a total of 78 cranes across Brisbane. 28 cranes were removed from sites and 21 new cranes were added in the past six months.

The total number of cranes across South-East Queensland has fallen from 168 to 155. This drop is primarily due to the removal of nine residential cranes across the region.

Total construction work done in Queensland increased by 11.3% in the 2023 calendar year compared to 2022. Engineering activity was up 16.7% or \$3.5bn, non-residential was up 0.4% or \$0.4bn, and residential was up 10.5% or \$1.5bn.

Within the residential sector, apartment work done grew by 27.0% compared to the previous year and was 15.8% above the long-term average.

Queen’s Wharf project—previously the largest project in terms of crane numbers in the region—saw four cranes removed, leaving only three cranes erected on site.

The residential sector continued to be the largest in Brisbane, accounting for 44% of all cranes (34 of 78 cranes). This is significantly lower than in both Melbourne and Sydney, where residential cranes account for 55% and 64% of all cranes in each city, respectively. Across South-East Queensland, residential cranes account for 67% of all cranes.

CRANE ACTIVITY - BRISBANE

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0.0%	0	0	0	0	0.0%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	16	18.8%	3	-3	0	16	20.5%
COMMERCIAL	11	12.9%	0	-3	-3	8	10.3%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	3	3.5%	2	-2	0	3	3.8%
HEALTH	4	4.7%	2	-1	1	5	6.4%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	15	17.6%	2	-5	-3	12	15.4%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	36	42.4%	12	-14	-2	34	43.6%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	85	100.0%	21	-28	-7	78	100.0%

CRANE ACTIVITY - BRISBANE REGIONS

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
CBD & SURROUNDS	54	63.5%	9	-15	-6	48	61.5%
EAST	1	1.2%	7	-1	6	7	9.0%
NORTH	20	23.5%	0	-10	-10	10	12.8%
SOUTH	2	2.4%	2	0	2	4	5.1%
WEST	8	9.4%	3	-2	1	9	11.5%
TOTAL	85	100.0%	21	-28	-7	78	100.0%

KEY SECTORS

- CIVIL
- COMMERCIAL
- EDUCATION
- HEALTH
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

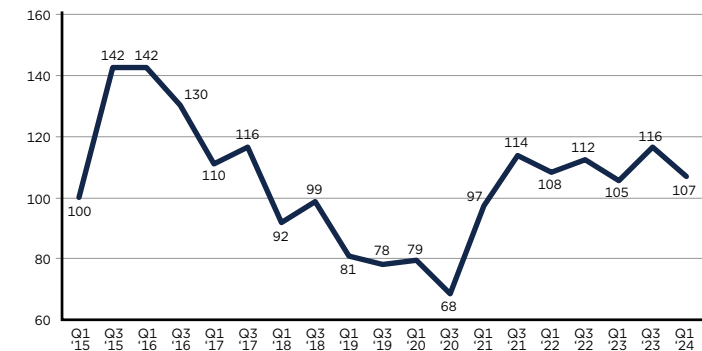


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - BRISBANE

BASE: Q1 2015 = 100



BRISBANE

Civil cranes represent the second largest sector in Brisbane, 16 cranes remained on infrastructure projects. Three new cranes were erected at:

- Dock Side Ferry Terminal (Kangaroo Point)
- Morningside Station accessibility upgrade (Morningside, two cranes)

Civil cranes were removed from:

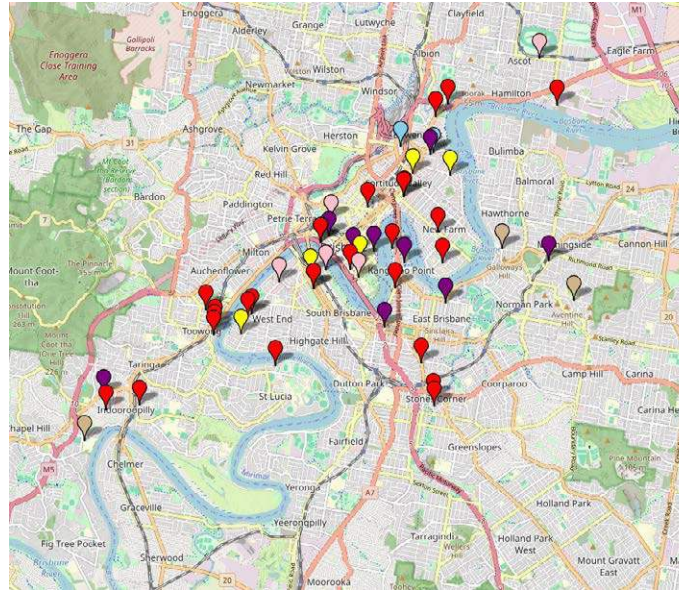
- Breakfast Creek Green bridge
- Cross River Rail-Albert Steet (one crane remains)

The education sector also remained steady at three cranes, with two cranes removed and two added. Two cranes were removed from:

- The University of Queensland (St Lucia)
- QUT Kelvin Grove (Herston)

New cranes were sighted at:

- Lourdes Hill College (Hawthorne)
- Seven Hill State School (Seven Hills)



The mixed-use sector fell from 15 cranes to 12 cranes. Two new cranes were erected at:

- Parliament House (Capital Hill)
- Wickham Private Medical and Hotel (Spring Hill)

Five cranes were removed from:

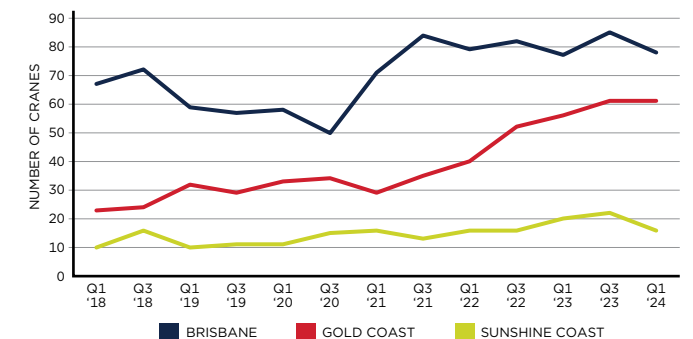
- Queens Wharf (four cranes)
- Herston Quarter Stage 4B and 4C

Brisbane's health sector saw a further two cranes erected on the Ecoscience Precinct in Yeronga, bringing the total number of cranes on the project to four.

CRANE NUMBERS - SOUTH-EAST QUEENSLAND (TOTALS INCLUDES BRISBANE, GOLD COAST & SUNSHINE COAST)

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	2	1.2%	0	-1	-1	1	0.6%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	16	9.5%	3	-3	0	16	10.3%
COMMERCIAL	12	7.1%	2	-4	-2	10	6.5%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	3	1.8%	2	-2	0	3	1.9%
HEALTH	4	2.4%	4	-1	3	7	4.5%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	19	11.3%	2	-6	-4	15	9.7%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	112	66.7%	32	-41	-9	103	66.5%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	168	100.0%	45	-58	-13	155	100.0%

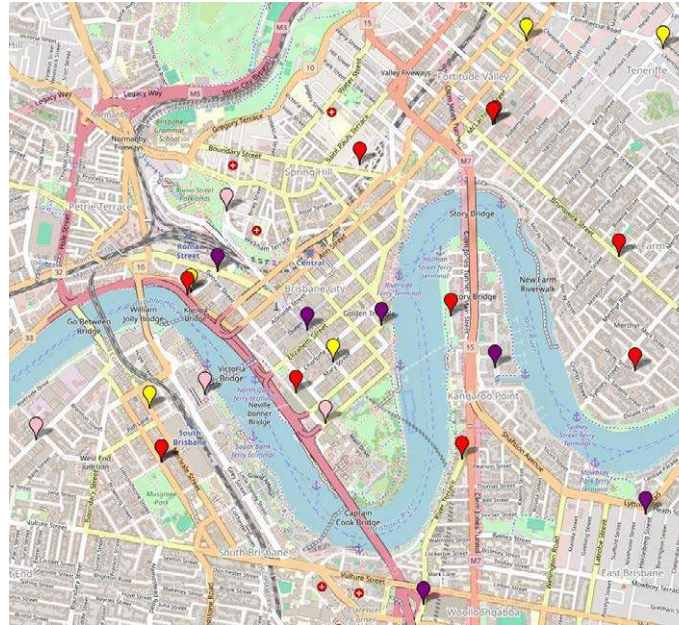
SOUTH EAST QUEENSLAND



BRISBANE INNER

REGION - CRANE NUMBERS

INNER BRISBANE	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	14	13	15	13
COMMERCIAL	5	8	8	6
DATA C. / IND.	0	0	0	0
EDUCATION	1	1	0	0
HEALTH	1	0	0	0
HOTEL	0	0	0	0
MIXED USE	13	14	13	11
RECREATION	0	0	0	0
RESIDENTIAL	16	14	18	18
RETAIL	0	0	0	0
TOTAL	50	50	54	48



With 62% of Brisbane’s cranes, the CBD and surrounding area continues to host the majority of cranes across the city. Crane numbers decreased by six, with 15 removals and nine additions. There are now 48 cranes across inner Brisbane.

New cranes were added in inner Brisbane at:

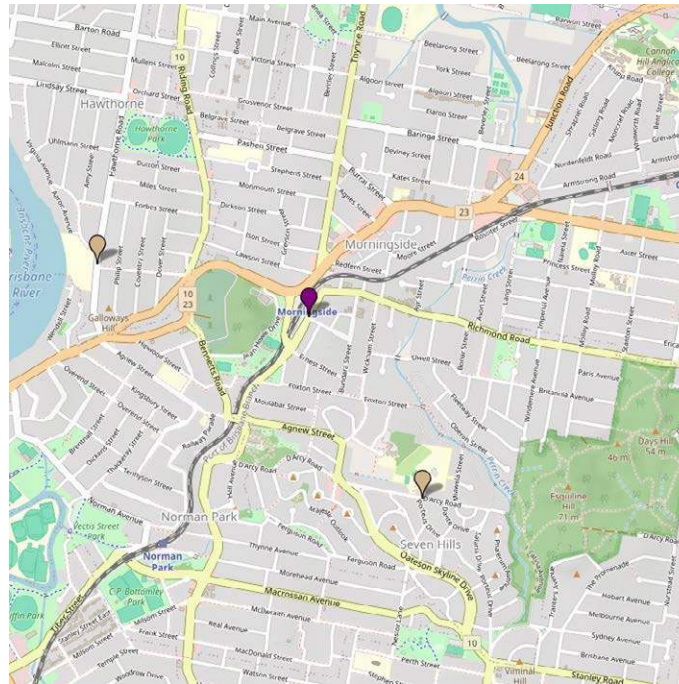
- 21-23 Kuripa Street (West End)
- 24-32 McConnell Street (Spring Hill)
- 793 Brunswick Street (New Farm)
- Dock Side Ferry Terminal (Kangaroo Point)
- Parliament House (Capital Hill)
- Skye by Pikos (Kangaroo Point, two cranes)
- Sorano House (Kangaroo Point)
- Wickham Private Medical and Hotel (Spring Hill)

There were 15 cranes removed from projects in Brisbane, Kangaroo Point, New Farm, South Brisbane, West End, and Woolloongabba.

BRISBANE EAST

REGION - CRANE NUMBERS

BRISBANE EAST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	0	0	0	2
COMMERCIAL	0	0	0	0
DATA C. / IND.	0	0	0	0
EDUCATION	0	0	0	2
HEALTH	0	0	0	0
HOTEL	0	0	0	0
MIXED USE	0	0	0	0
RECREATION	0	0	0	0
RESIDENTIAL	1	1	1	3
RETAIL	0	0	0	0
TOTAL	1	1	1	7



Activity in Brisbane’s east saw an increase of six cranes to bring the region’s total to seven cranes. This total equals the previous high count of seven cranes in Q1 2021.

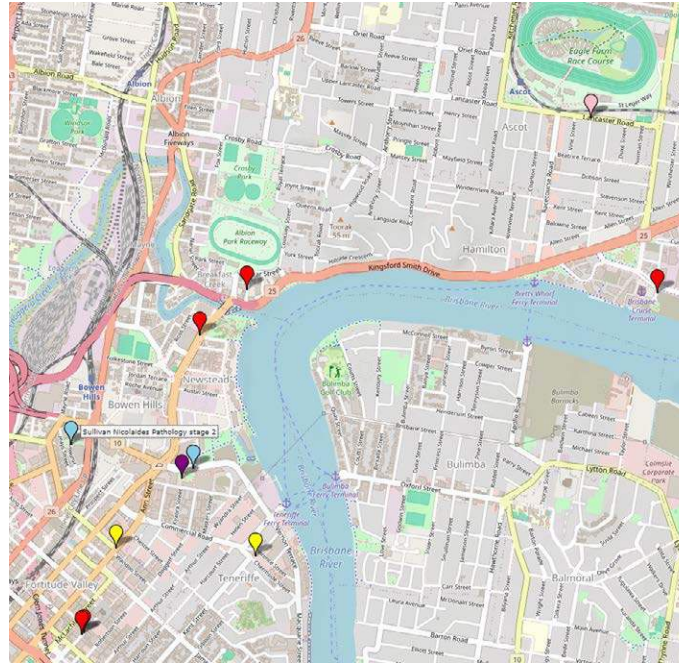
New cranes were added at:

- 23-27 Cleveland Street (Stones Corner, two cranes)
- Gardner Vaughan (Stones Corner)
- Lourdes Hill College (Hawthorne)
- Morningside Station Accessibility Upgrade (Morningside, two cranes)
- Seven Hill State School (Seven Hills)

BRISBANE NORTH

REGION - CRANE NUMBERS

BRISBANE NORTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	1	0	0	0
CIVIC	0	0	0	0
CIVIL	2	0	0	0
COMMERCIAL	0	0	3	2
DATA C. / IND.	0	0	0	0
EDUCATION	0	2	1	0
HEALTH	2	2	2	1
HOTEL	0	0	0	0
MIXED USE	2	0	2	1
RECREATION	0	0	0	0
RESIDENTIAL	10	7	12	6
RETAIL	0	0	0	0
TOTAL	17	11	20	10



The north has seen a significant fall in crane numbers, down to 10 from the 20 cranes in the last count. No new cranes commenced, and ten cranes were removed.

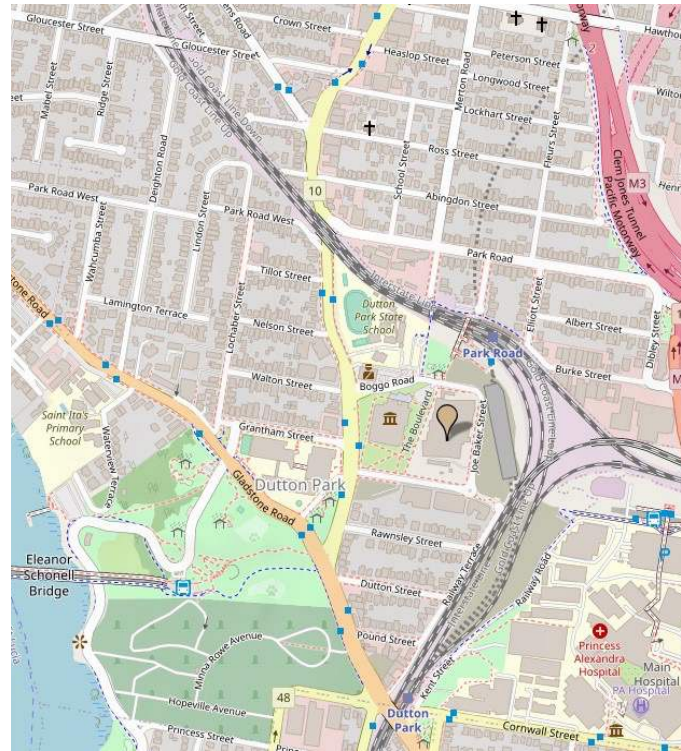
Cranes were removed from:

- 1 Wallace Street (Albion)
- Bide Apartments (Newstead)
- Canvas (Bulimba)
- Construction Science Brisbane (Albion)
- Herston Quarter Stage 4B and 4C
- Ozcare (Newstead)
- Quay Waterfront (Newstead, three cranes)
- QUT Kelvin Grove (Herston)

BRISBANE SOUTH

REGION - CRANE NUMBERS

BRISBANE SOUTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	4	0	0	0
COMMERCIAL	0	1	0	0
DATA C. / IND.	0	0	0	0
EDUCATION	0	4	2	0
HEALTH	0	0	0	4
HOTEL	0	0	0 <td 0	
MIXED USE	0	0	0	0
RECREATION	0	0	0	0
RESIDENTIAL	4	4	0	0
RETAIL	0	0	0	0
TOTAL	8	9	2	4



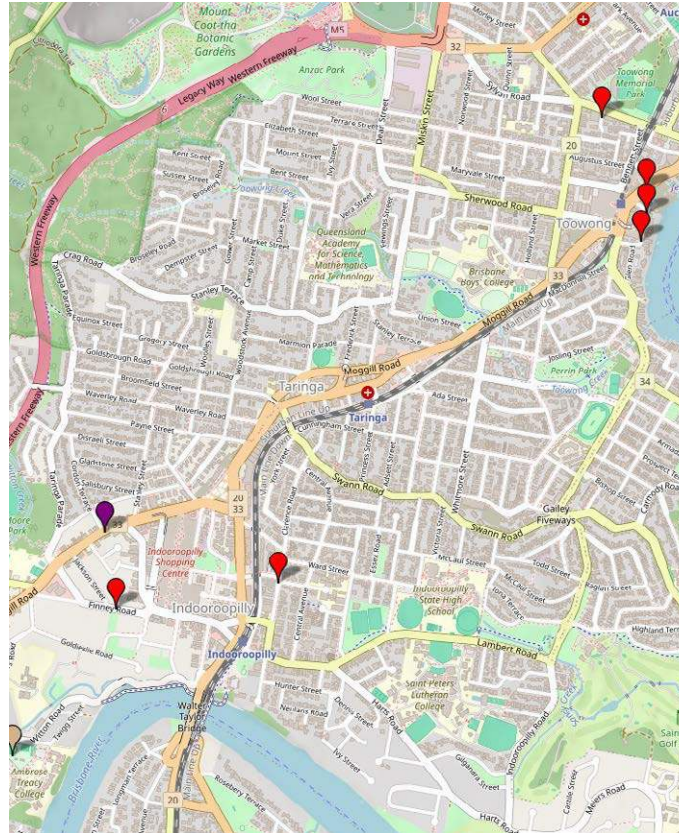
Cranes across the south grew by two to total four.

Two cranes were added at the Ecoscience Precinct in Yeronga, bringing the total number of cranes on site to four.

BRISBANE WEST

REGION - CRANE NUMBERS

BRISBANE WEST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	1	2	1	1
COMMERCIAL	0	0	0	0
DATA C. / IND.	0	0	0	0
EDUCATION	1	0	2	1
HEALTH	0	0	0	0
HOTEL	0	0	0	0
MIXED USE	0	0	0	0
RECREATION	0	0	0	0
RESIDENTIAL	4	4	5	7
RETAIL	0	0	0	0
TOTAL	6	6	8	9



Crane activity in Brisbane’s west increased by one crane to nine, with three additions offset by two removals.

Crane activity was added to:

- 20 Archer Street (Toowong)
- The Audrey (Indooroopilly)
- Monarch Residential Apartments (Toowong)

Crane activity was removed from:

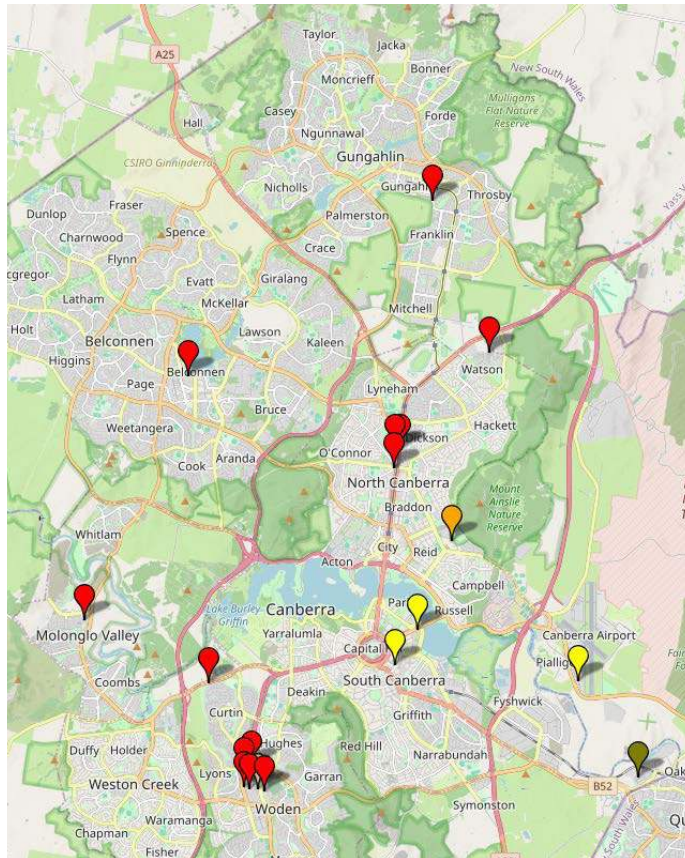
- The University of Queensland (St Lucia)
- The Priory (Indooroopilly)

CANBERRA

Canberra's RLB Crane Index® increased to 520 index points. There are now 26 cranes in Canberra, an increase of five. Sixteen new cranes were added, and 11 were removed.

The residential sector saw seven new cranes erected, and seven removed. Fifteen cranes remain within the sector.

The commercial sector saw a jump of five cranes, with six new cranes commencing and one removed.



CRANE ACTIVITY - CANBERRA

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0.0%	0	0	0	0	0.0%
CIVIC	3	14.3%	0	-2	-2	1	3.8%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	1	4.8%	6	-1	5	6	23.1%
DATA CENTRES	0	0.0%	2	0	2	2	7.7%
EDUCATION	1	4.8%	1	0	1	2	7.7%
HEALTH	1	4.8%	0	-1	-1	0	0.0%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	0	0.0%	0	0	0	0	0.0%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	15	71.4%	7	-7	0	15	57.7%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	21	100.0%	16	-11	5	26	100.0%

KEY SECTORS

- CIVIC
- COMMERCIAL
- DATA CENTRE / INDUSTRIAL
- EDUCATION
- HEALTH
- RESIDENTIAL

OVERALL STATUS

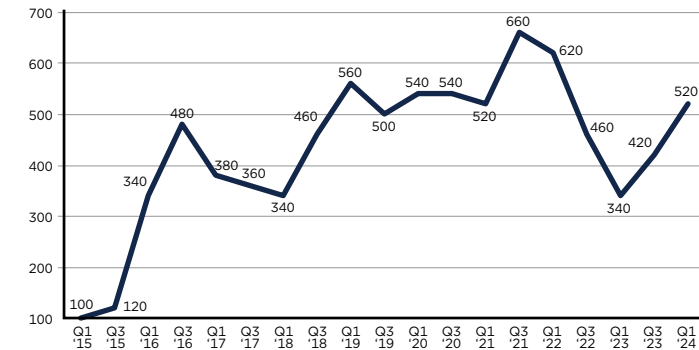


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - CANBERRA

BASE: Q4 2015 = 100



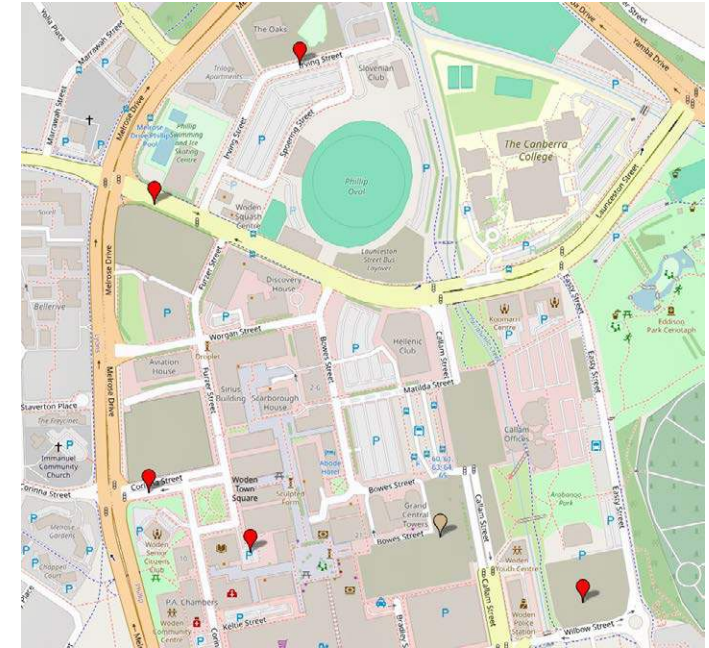
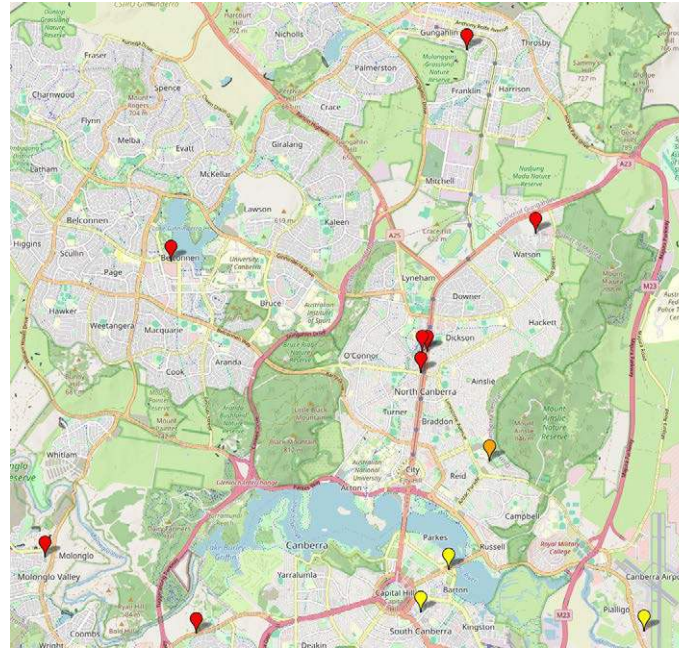
CANBERRA

Cranes were added at the following projects:

- 9 Molonglo Drive (Majura) (commercial)
- Amberfield (residential)
- Australian Taxation Office (three cranes)
- BE1 Data Centre, Beard (two cranes)
- Calypso (two cranes, residential)
- CIT Woden (education)
- Ethos (residential)
- John Gorton Campus Carpark (two cranes)
- Macathur (residential)
- Northbourne Village Stage 4 (residential)
- Woden Green (residential)

Cranes have been removed from developments at:

- 19 National Circuit, Barton (commercial)
- Australian War Memorial Redevelopment
- Boulevard, Denman Prospect (residential)
- Canberra Hospital Expansion Project
- CSIRO
- Emporium Apartments (residential)
- Renaissance Manuka (residential)
- Sierra (residential)
- SkyHaus (residential)
- The Melrose, Woden (residential)
- Wova, Woden (residential)



CENTRAL COAST

The RLB Crane Index® for the Central Coast declined from 83 points in the previous report to 67 index points. In total, 12 cranes were sighted across the region, a drop of three cranes.

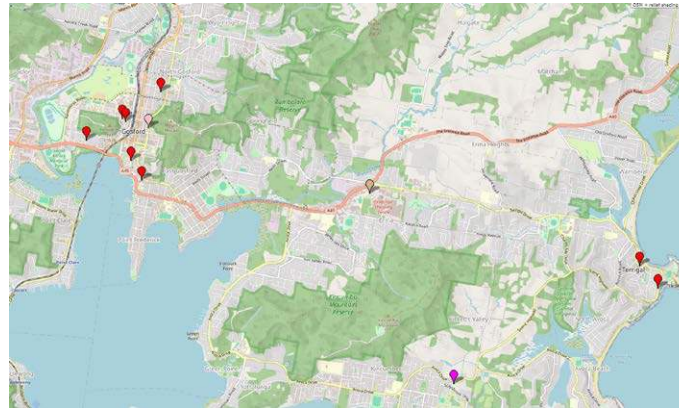
A new crane was erected at the Central Coast Adventist School in Erina.

Four cranes were removed from the following projects:

- Aspect Gosford (residential)
- Brady's Manor Estate (residential)
- Gosford RSL (commercial)
- Sapphire Gosford (residential)

CRANE ACTIVITY - CENTRAL COAST

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	1	6.7%	0	0	0	1	8.3%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	1	6.7%	0	-1	-1	0	0.0%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	0	0.0%	1	0	1	1	8.3%
HEALTH	0	0.0%	0	0	0	0	0.0%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	1	6.7%	0	0	0	1	8.3%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	12	80.0%	0	-3	-3	9	75.0%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	15	100.0%	1	-4	-3	12	100.0%



KEY SECTORS

- AGED CARE
- COMMERCIAL
- EDUCATION
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

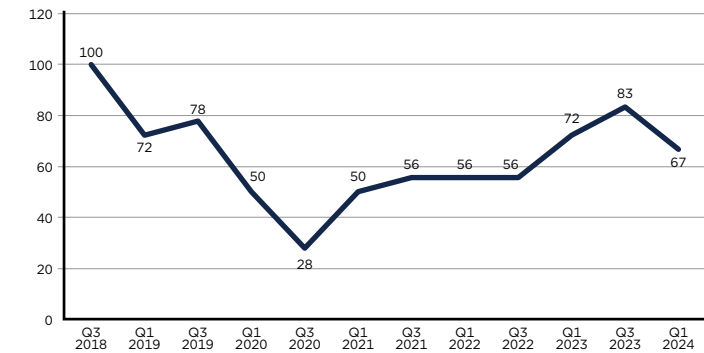


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - CENTRAL COAST

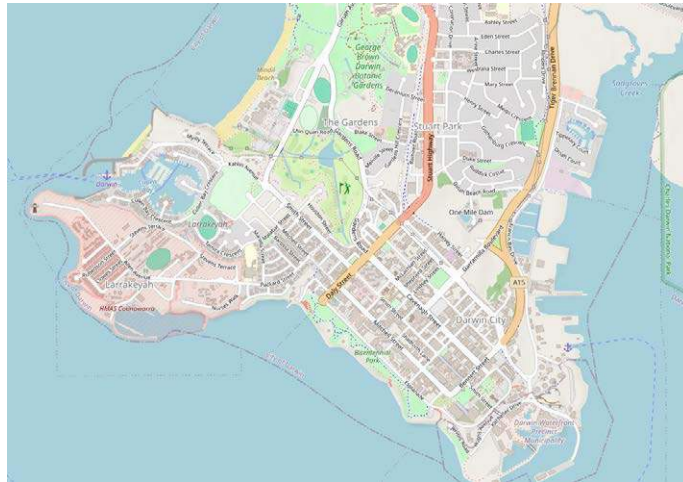
BASE: Q3 2018 = 100



DARWIN

All three cranes previously sighted in Darwin have been removed.

Two cranes were removed from the Charles Darwin University - Education and Community Precinct project, and one crane was removed from the Breeze Apartment building (Coconut Grove).



CRANE ACTIVITY - DARWIN

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0%	0	0	0	0	0
CIVIC	0	0%	0	0	0	0	0
CIVIL	0	0%	0	0	0	0	0
COMMERCIAL	0	0%	0	0	0	0	0
DATA CENTRES	0	0%	0	0	0	0	0
EDUCATION	2	67%	0	-2	-2	0	0
HEALTH	0	0%	0	0	0	0	0
HOTEL	0	0%	0	0	0	0	0
MIXED USE	0	0%	0	0	0	0	0
RECREATION	0	0%	0	0	0	0	0
RESIDENTIAL	1	33%	0	-1	-1	0	0
RETAIL	0	0%	0	0	0	0	0
TOTAL	3	100.0%	0	-3	-3	0	0.0%

KEY SECTORS

- EDUCATION
- RESIDENTIAL

OVERALL STATUS

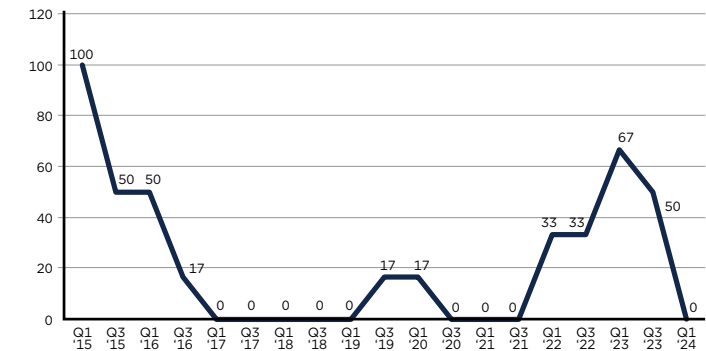


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - DARWIN

BASE: Q1 2015 = 100



GOLD COAST

The Gold Coast RLB Crane Index® remained steady at last month's record index value of 407 points. A total of 22 cranes were added across the region, and 22 were removed. As a result, the Gold Coast's total crane number remained at 61.

Residential cranes continue to dominate the skies, accounting for 86.9% of all cranes in the region. The other sectors with cranes are the aged care, commercial, education and mixed-use sectors.

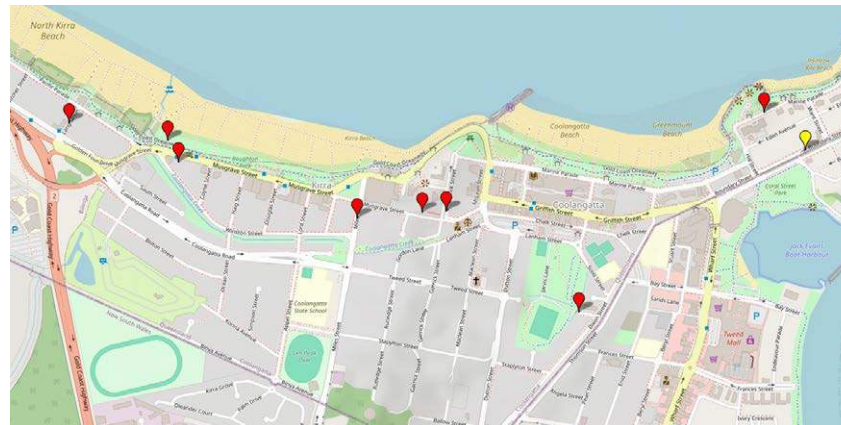
New cranes in the Gold Coast region included:

Residential

- 68 Albatross (Mermaid Beach)
- Bahr (Palm Beach)
- Coast (Surfers Paradise)
- Esprit (Coolangatta)
- Eva (Palm Beach)
- Lagoon (Main Beach, two cranes)
- Lana (Bilinga)
- Lanni (Mermaid Beach)
- Lily (Broadbeach)
- Maiha (Bilinga)
- Malo (Broadbeach)
- Monterey (Kirra)
- Navini (Bilinga)
- Odessy (Surfers Paradise)
- Rhythme (Kirra)
- The Finn (Mermaid Beach)
- Villea (Palm Beach)

CRANE ACTIVITY - GOLD COAST

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	2	3.3%	0	-1	-1	1	1.6%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	1	1.6%	2	-1	1	2	3.3%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	0	0.0%	0	0	0	0	0.0%
HEALTH	0	0.0%	2	0	2	2	3.3%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	3	4.9%	0	0	0	3	4.9%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	55	90.2%	18	-20	-2	53	86.9%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	61	100.0%	22	-22	0	61	100.0%



KEY SECTORS

- AGED CARE
- COMMERCIAL
- HEALTH
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

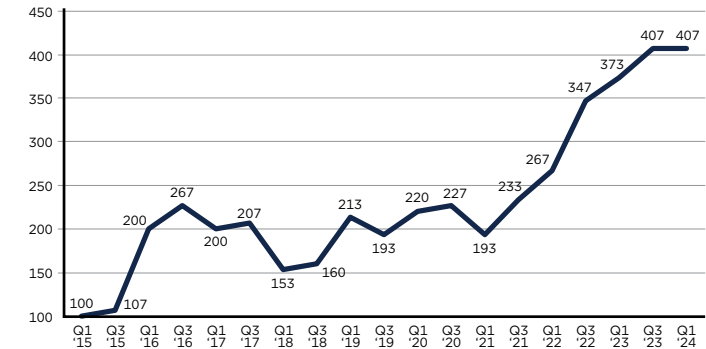


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - GOLD COAST

BASE: Q1 2015 = 100



GOLD COAST

Health

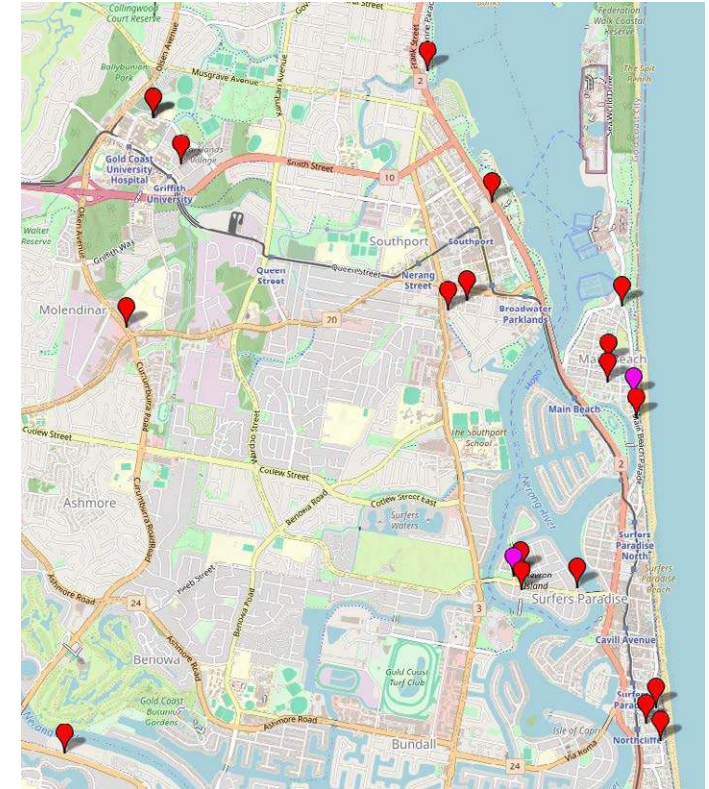
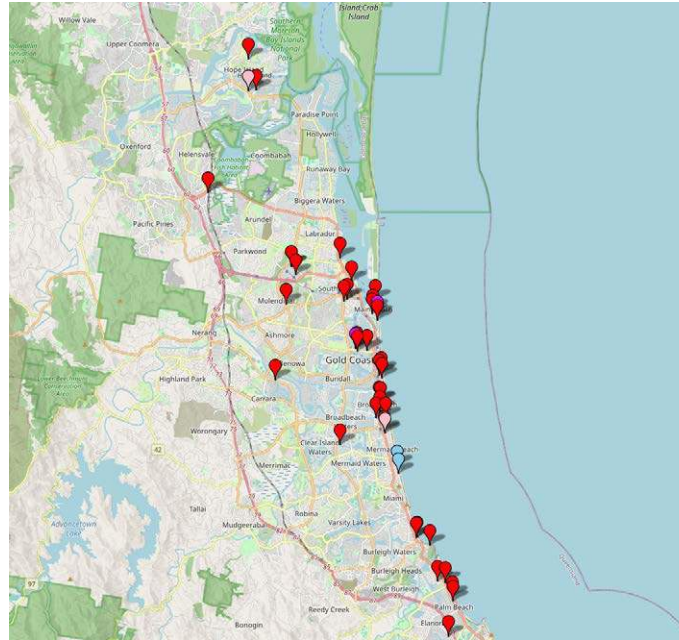
- GC Hospital Sub Acute Expansion (Southport)
- SMHRU (Southport)

Commercial

- Heslop Rd (Helensvale)
- Lumina (Southport)

Twenty-two cranes were removed from sites in Benowa, Bilinga, Broadbeach, Coolangatta (four), Hope Island, Kirra, Main Beach (two), Miami, Palm Beach (four), Robina, and Surfers Paradise (two).

Twenty cranes were removed from residential sites, and two cranes were removed from aged care and commercial sector projects.

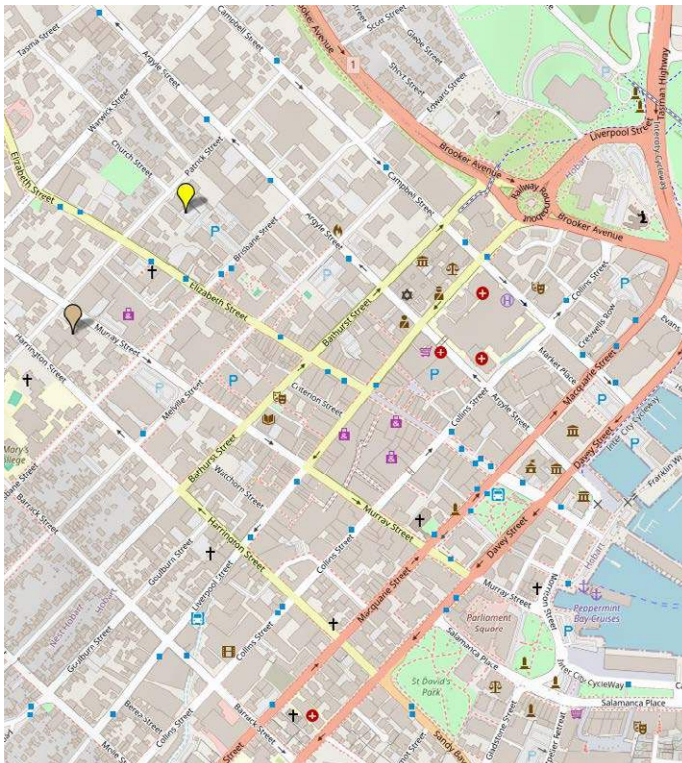


HOBART

There are currently two cranes on Hobart's skyline—an increase of one crane since the last edition of RLB's Crane Index®.

The crane on the Novotel project in the CBD was removed and cranes have commenced at:

- UTAS, 80 Brisbane Street (Hobart)
- 34 Patrick Street (Hobart)



CRANE ACTIVITY - HOBART

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0%	0	0	0	0	0%
CIVIC	0	0%	0	0	0	0	0%
CIVIL	0	0%	0	0	0	0	0%
COMMERCIAL	0	0%	1	0	1	1	50%
DATA CENTRES	0	0%	0	0	0	0	0%
EDUCATION	0	0%	1	0	1	1	50%
HEALTH	0	0%	0	0	0	0	0%
HOTEL	1	100%	0	-1	-1	0	0%
MIXED USE	0	0%	0	0	0	0	0%
RECREATION	0	0%	0	0	0	0	0%
RESIDENTIAL	0	0%	0	0	0	0	0%
RETAIL	0	0%	0	0	0	0	0%
TOTAL	1	100.0%	2	-1	1	2	100.0%

KEY SECTORS

- COMMERCIAL
- EDUCATION
- HOTEL

OVERALL STATUS

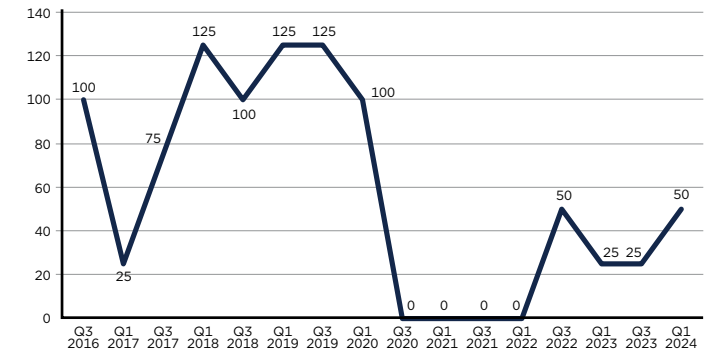


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - HOBART

BASE: Q3 2016 = 100



MELBOURNE

Melbourne recorded a 9% jump in crane numbers for this edition. The RLB Crane Index® rose to 167 points from 153 points in Q3 2023. Across Melbourne, 107 new cranes were added to projects, and 91 cranes were removed. This represents a net gain of 16 cranes, bringing the total number of cranes up to 194, compared to 178 recorded in the previous edition. This is a 13% drop in cranes compared to Q1 2019, when 222 cranes were recorded in Melbourne - the highest number of cranes since the RLB Crane Index® began.

Total construction work done for the 2023 calendar year was up 3.9% compared to 2022. Victoria's non-residential sector increased by 8.6% to \$17.6bn worth of work done in 2023 compared to 2022. Engineering work done increased by 11.4% to \$23.6bn in 2023, up from \$21.2bn in 2022.

The residential sector decreased by 4.9% compared to previous year. Most residential sub-sectors saw lower activity in 2023, with apartments down by 10.8% and new houses down slightly by 0.4%

Overall, Melbourne saw net crane increases in the civil sector (up nine), data centres (up four), mixed use (up five), residential (up 13) and retail (up one). This reflects the continued public works activity that has been fuelling the engineering sector for the past few years. Some of these projects include the Westgate Tunnel, North East Link, Level Crossing Removals, and the Metro Tunnel project, all of which are all contributing to a record number of civil cranes. The current number of 32 civil cranes is above the previous sector high of 23 cranes in Q3 2021.

A decline in net crane numbers was seen in commercial (down six), health (down four), education (down three), aged care (down one), hotel (down one) and recreation (down one).

CRANE ACTIVITY - MELBOURNE

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	3	1.7%	1	-2	-1	2	1.0%
CIVIC	2	1.1%	1	-1	0	2	1.0%
CIVIL	23	12.9%	23	-14	9	32	16.5%
COMMERCIAL	18	10.1%	6	-12	-6	12	6.2%
DATA CENTRES	3	1.7%	7	-3	4	7	3.6%
EDUCATION	4	2.2%	0	-3	-3	1	0.5%
HEALTH	17	9.6%	6	-10	-4	13	6.7%
HOTEL	3	1.7%	1	-2	-1	2	1.0%
MIXED USE	7	3.9%	6	-1	5	12	6.2%
RECREATION	2	1.1%	0	-1	-1	1	0.5%
RESIDENTIAL	94	52.8%	55	-42	13	107	55.2%
RETAIL	2	1.1%	1	0	1	3	1.5%
TOTAL	178	100.0%	107	-91	16	194	100.0%

KEY SECTORS

- AGED CARE
- CIVIC
- CIVIL
- COMMERCIAL
- DATA CENTRE / INDUSTRIAL
- EDUCATION
- HEALTH
- HOTEL
- MIXED USE
- RECREATION
- RESIDENTIAL
- RETAIL

OVERALL STATUS

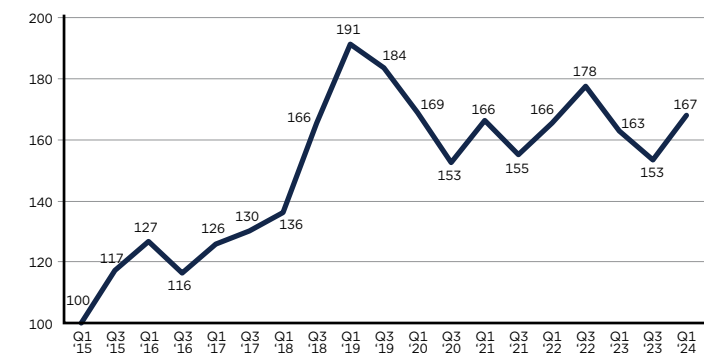


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - MELBOURNE

BASE: Q1 2015 = 100



MELBOURNE

The residential sector currently accounts for 55% of all cranes in Melbourne, while the civil sector accounts for 17%.

The commercial sector saw cranes commence at:

- 435 Bourke Street (Melbourne)
- Altera (Cremorne)
- CFMEU Training and Wellness Centre (Carlton)
- Port Central Business Park (Port Melbourne)
- Two Melbourne Quarter (Docklands, two cranes)

Seven cranes commenced at the Amazon Fulfilment Centre in Craigieburn, the largest number of cranes on a single project in Melbourne.

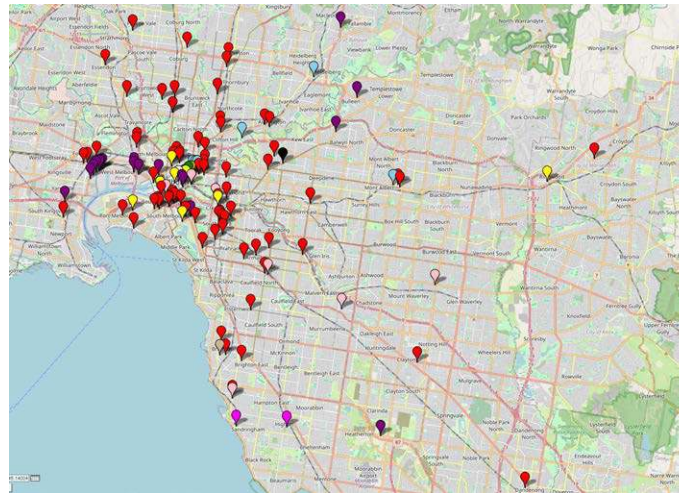
In the health sector, cranes were placed on projects at:

- Frankston Hospital (Frankston)
- St Vincents Private carpark extension (East Melbourne)
- St Vincents Hospital (East Melbourne)
- Thomas Embling Hospital Expansion (Fairfield)

Residential developments with more than one crane include:

- Ballarat Street (Brunswick)
- High Street (Thomastown)
- HOME (Alphington)
- Indi (Footscray)
- LIV Albert Fields (Brunswick)
- North Richmond Housing (North Richmond)
- Northside Communities (Northcote)

A total of 55 cranes were added to residential sites over the past six months, and 42 cranes were removed.



CRANE ACTIVITY - MELBOURNE REGIONS

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
CBD & SURROUNDS	87	48.9%	38	-38	0	87	44.8%
EAST	15	8.4%	14	-9	5	20	10.3%
GEELONG	1	0.6%	1	-1	0	1	0.5%
NORTH	17	9.6%	34	-8	26	43	22.2%
SOUTH	36	20.2%	13	-22	-9	27	13.9%
WEST	22	12.4%	7	-13	-6	16	8.2%
TOTAL	178	100.0%	107	-91	16	194	100.0%

Across the city's six main regions, increases in crane numbers were only seen in the east and north, increasing by five and 26 respectively. No net change was recorded in the inner or Geelong regions. All other regions saw crane numbers decrease. There was an overall net gain of 16 cranes across Melbourne.

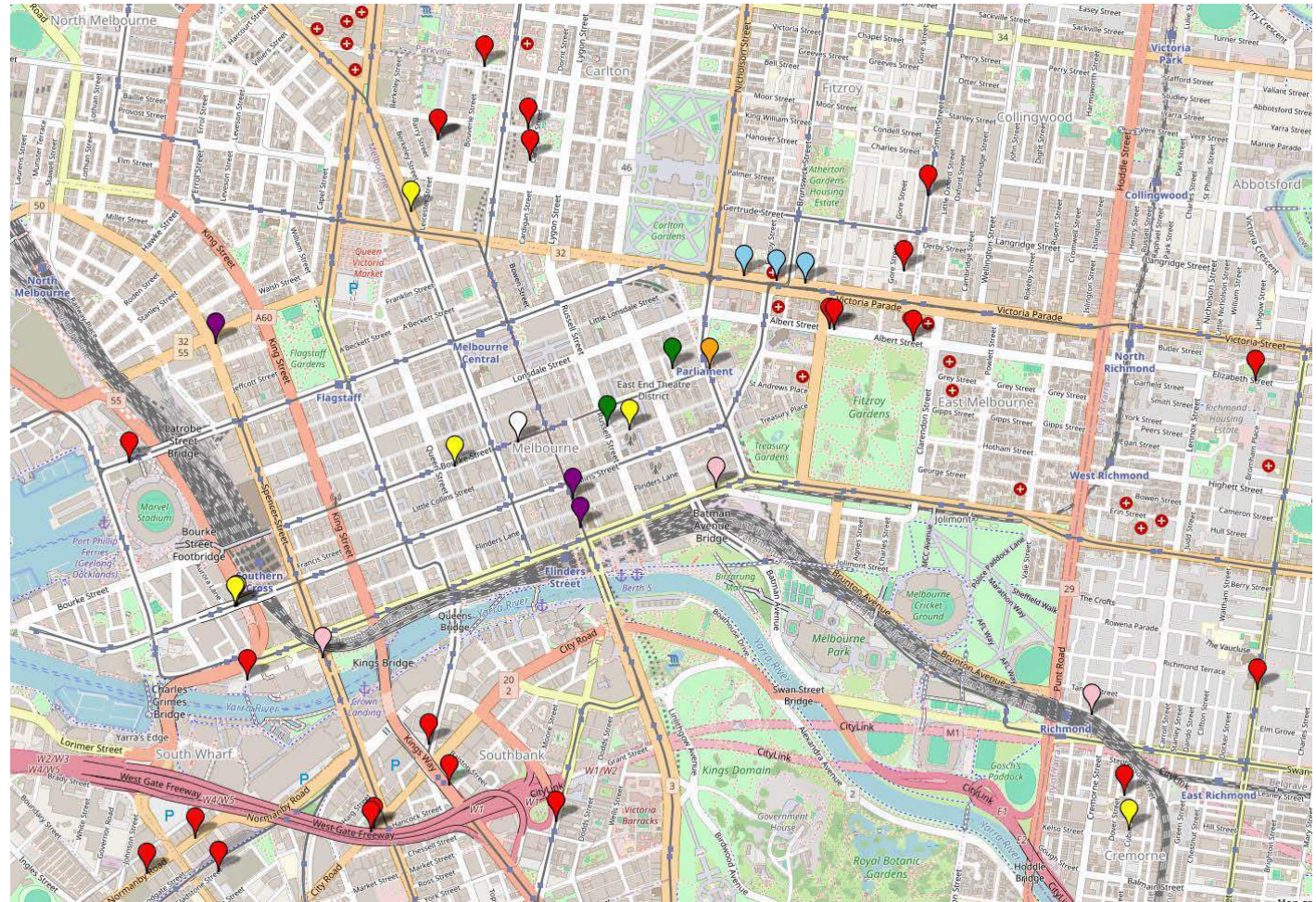
MELBOURNE INNER

REGION - CRANE NUMBERS

INNER MELBOURNE	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	2	2	2	1
CIVIL	7	8	10	12
COMMERCIAL	23	17	16	11
DATA C. / IND.	3	3	1	0
EDUCATION	4	2	1	0
HEALTH	1	2	3	3
HOTEL	4	3	3	2
MIXED USE	9	6	2	5
RECREATION	0	0	0	0
RESIDENTIAL	42	41	47	50
RETAIL	0	0	2	3
TOTAL	95	84	87	87

Inner Melbourne recorded the same number of cranes as the previous edition. A total of 38 new cranes was added and the same number of cranes was removed. The residential, commercial and civil sectors each have more than 10 cranes. The sites with the most cranes in inner Melbourne are Seafarers, Melbourne Quarter Tower, Local: Kensington, and 15-85 Gladstone Street in South Melbourne, each with three.

An increase of three cranes saw residential cranes total 50. This result is 39% below the high of 82 residential cranes recorded in Q3 2019. A total of 26 new residential cranes were erected, while 20 cranes were removed.



MELBOURNE EAST

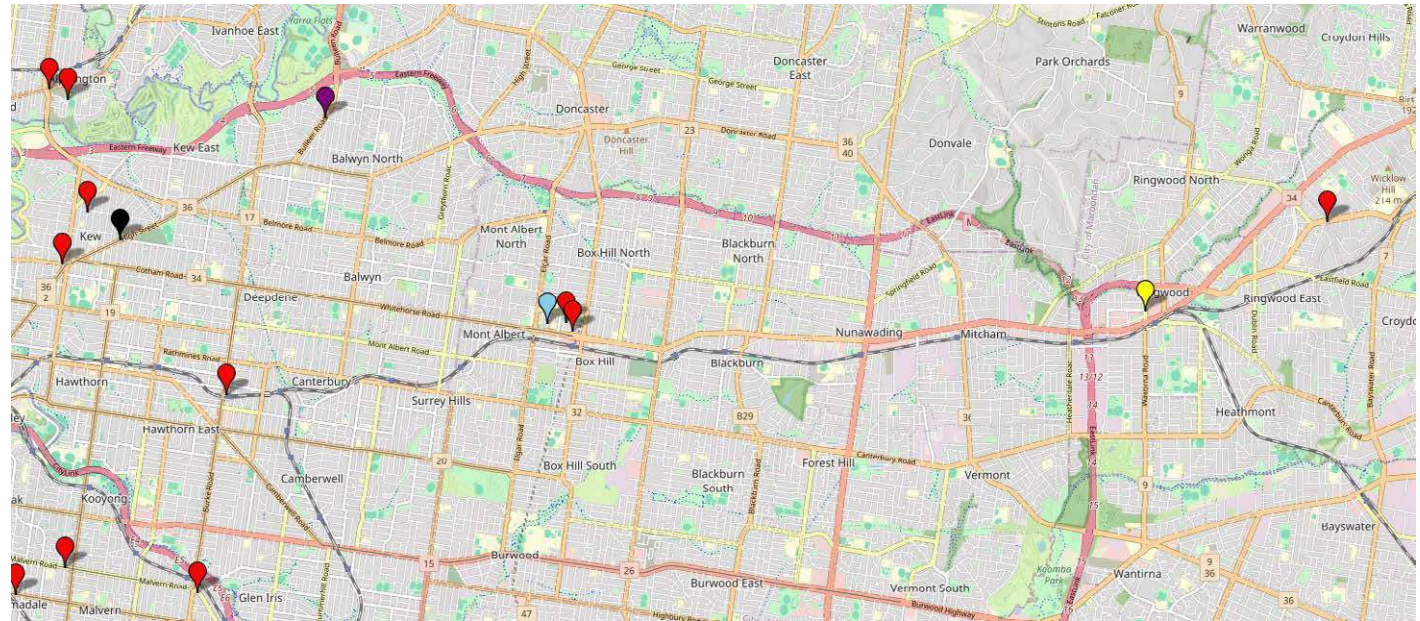
REGION - CRANE NUMBERS

MELBOURNE EAST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	2	0	1	0
CIVIC	1	1	0	0
CIVIL	0	0	1	9
COMMERCIAL	0	1	1	1
DATA C. / IND.	0	0	0	0
EDUCATION	0	1	1	0
HEALTH	1	1	2	1
HOTEL	0	0	0	0
MIXED USE	2	2	1	1
RECREATION	1	1	1	1
RESIDENTIAL	16	9	7	7
RETAIL	3	0	0	0
TOTAL	26	16	15	20

The east saw nine cranes removed, and 14 new cranes added. Total cranes across the east now total 20. This reflects an overall net gain of five cranes since the last edition of the index.

Projects with cranes in the east include:

- Cornus (Glen Iris)
- Irving Domain (Box Hill)
- Kew Recreation Centre
- North East Link (Bulleen, 9 cranes)
- One Studley Park (Kew)
- Tempo (Box Hill)
- The Walton (Kew)
- Wellington Health (Box Hill)



Cranes were removed from:

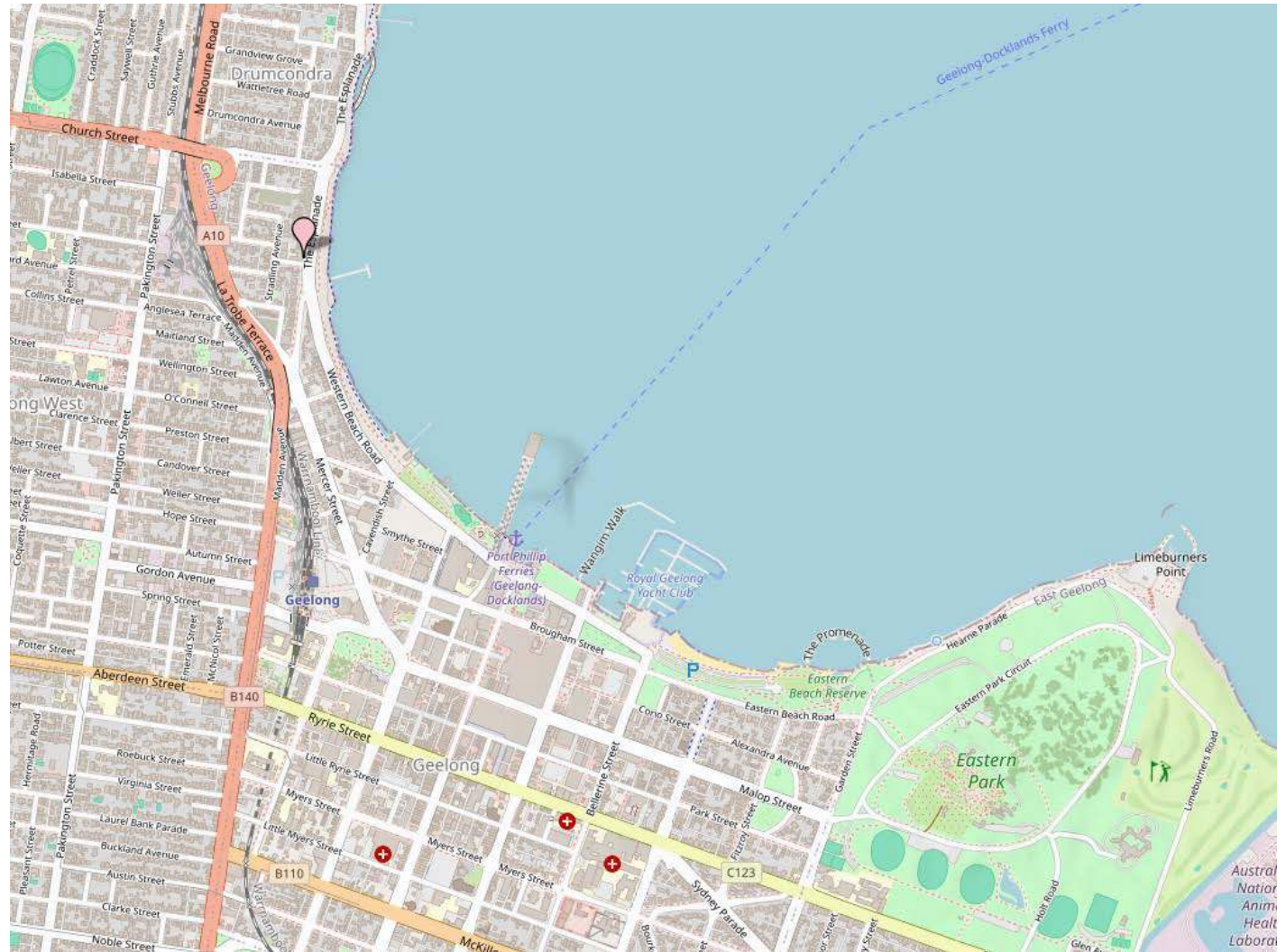
- Adeney Private Hospital (Kew)
- Ivanhoe Gardens (Heidelberg Heights, 2 cranes)
- Kew Gardens Aged Care
- Newburgh Place (Hawthorn)
- Pakenham Station Works
- Ruyton Girls' School (Kew)
- Victoria Hill (Camberwell)
- Whitehorse Trio (Box Hill)

GEELONG

REGION - CRANE NUMBERS

GEELONG	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	1	0	0	0
CIVIL	0	0	0	0
COMMERCIAL	0	0	0	0
DATA C. / IND.	0	0	0	0
EDUCATION	0	0	0	0
HEALTH	0	0	0	0
HOTEL	1	1	0	0
MIXED USE	0	0	0	1
RECREATION	2	2	1	0
RESIDENTIAL	1	0	0	0
RETAIL	0	0	0	0
TOTAL	5	3	1	1

Geelong still has one crane on a development. One crane was removed from the GMHBA stadium redevelopment. One new crane was erected at the Bayside Hotel and Apartments development at 13-15 The Esplanade.



MELBOURNE NORTH

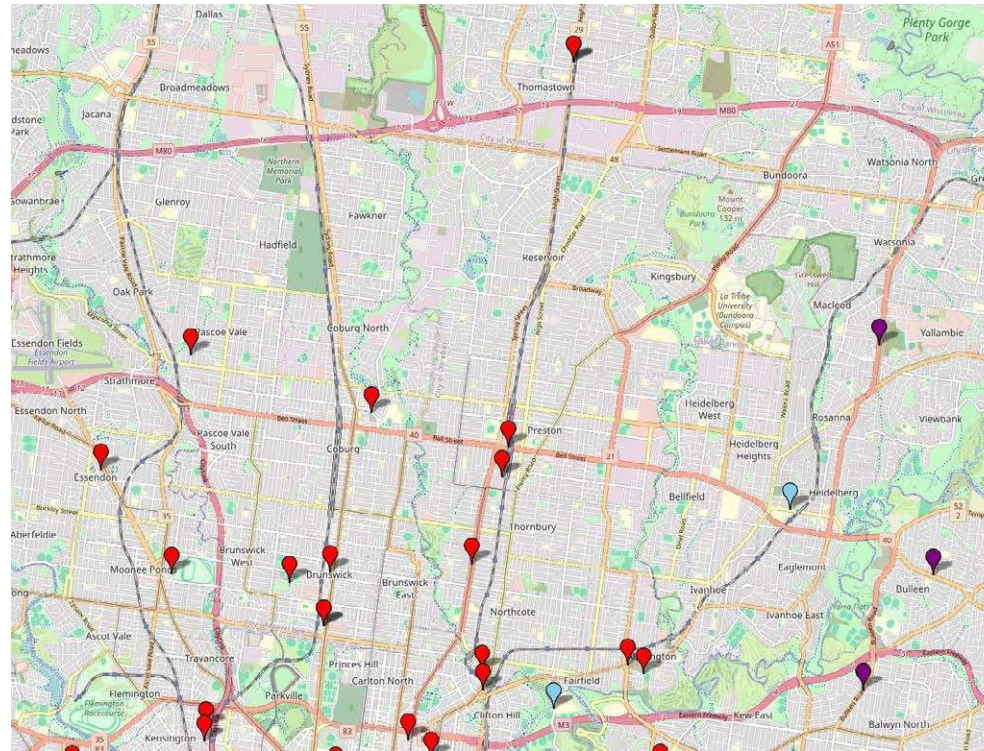
REGION - CRANE NUMBERS

MELBOURNE NORTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	0	0	1	5
COMMERCIAL	0	0	0	0
DATA C. / IND.	0	1	1	7
EDUCATION	1	1	1	0
HEALTH	1	1	2	5
HOTEL	0	0	0	0
MIXED USE	2	0	0	0
RECREATION	0	0	0	0
RESIDENTIAL	22	22	12	26
RETAIL	0	0	0	0
TOTAL	26	25	17	43

The north saw a significant net increase of 26 cranes, bringing the total number of cranes across the region to 43. A total of 34 cranes were added, and eight were removed.

One of the most significant projects in the north is the Amazon Fulfillment Centre in Craigieburn, which saw seven new cranes commence. The North has seen a jump in larger developments this edition, with multiple cranes erected at 10 sites. These sites include:

- HOME (Alphington, three cranes)
- YarraBend (Alphington, two cranes)
- LIV Albert Fields (Brunswick, four cranes)
- Ballarat Street (Brunswick, two cranes)
- PACE 3058 (Coburg, two cranes)
- Amazon Fulfillment Centre (Craigieburn, seven cranes)
- Thomas Embling Hospital Expansion (Fairfield, three cranes)
- North East Link (Greensborough, five cranes)
- Moonee Valley Park (Moonee Ponds, two cranes)
- Northside Communities (Northcote, three cranes)



Single cranes were added at:

- Bell Street (Preston)
- Homes Victoria's Oakover Road (Preston)
- Northumberland Road (Pascoe Vale)
- The Watson by Kincrest (Essendon)
- Tomorrow Northcote
- Wilson Avenue (Brunswick)
- Tomorrow (Northcote)

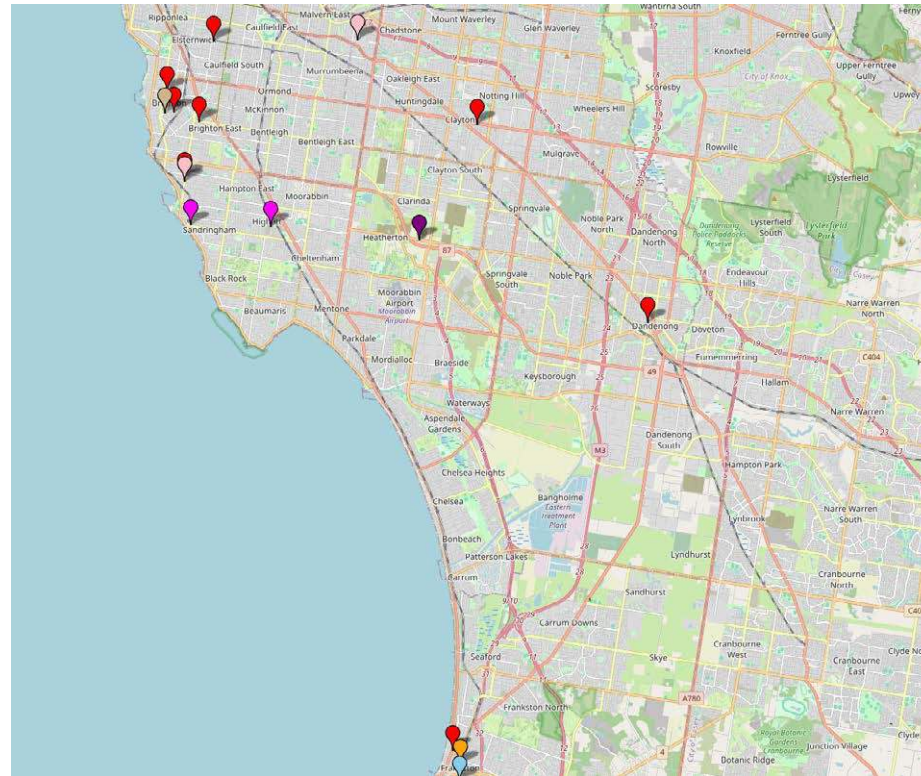
Cranes were removed from projects at:

- Brunswick Yard (2 cranes)
- Cultivate (Heidelberg West)
- Flux Brunswick
- Locale Ivanhoe (Ivanhoe)
- National Storage (Brunswick)
- Nine Wilson Ave (Brunswick)
- Northcote High School

MELBOURNE SOUTH

REGION - CRANE NUMBERS

MELBOURNE SOUTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	2	2	2	2
CIVIC	0	0	0	1
CIVIL	0	2	3	1
COMMERCIAL	2	1	1	0
DATA C. / IND.	0	1	0	0
EDUCATION	1	0	1	1
HEALTH	2	0	3	4
HOTEL	0	0	0	0
MIXED USE	2	4	4	5
RECREATION	0	0	0	0
RESIDENTIAL	20	25	22	13
RETAIL	1	0	0	0
TOTAL	30	35	36	27



Melbourne’s southern region saw a decrease of nine cranes. Cranes in the south now number 27, down from 36 in the previous edition of the index.

New cranes were added at:

- 40-44 Wellington Road (Clayton)
- 599-601 Dandenong Road (Armadale)
- ADA Toorak
- Frankston Hospital
- Halcyon (Brighton East)
- Hampton Hill (Hampton)
- New Frankston Station Carpark
- Orrong by Lazzcorp (Armadale)
- Porter Street (Prahran)
- Residential development (Frankston)
- Retirement Apartments / Medical centre (Sandringham)
- SRL (Heatherton)
- The Carlile HOME (Armadale)

Twenty two cranes were removed from:

- 129-135 Martin Street (Brighton),
- 143 Canterbury Road (Toorak),
- 240 - 242 Old Dandenong Road (Heatherton),
- 342-344 Centre Road (Bentleigh),
- 348 Hawthorn Road (Caulfield South),
- 35 Nicholson Street (Bentleigh),
- Bert Newton retirement village (Highett),
- EVA Elsternwick Village Apartments,
- Garden Residence (Toorak),
- Genoa Street (Moorabbin),
- Glen Huntley Railway line upgrade,
- Hampton Quarter,
- Homes Victoria Bangs Street (Prahran),
- Housing Victoria (Brighton),
- Monument (Armadale),
- Narre Warren Station Works,
- The Kingsley (Glen Waverley),
- Windsor Park (Windsor).

MELBOURNE WEST

REGION - CRANE NUMBERS

MELBOURNE WEST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	0	0	0	0
CIVIL	5	9	8	5
COMMERCIAL	0	0	0	0
DATA C. / IND.	2	1	1	0
EDUCATION	0	0	0	0
HEALTH	11	10	7	0
HOTEL	0	0	0	0
MIXED USE	3	2	0	0
RECREATION	0	0	0	0
RESIDENTIAL	2	4	6	11
RETAIL	1	0	0	0
TOTAL	24	26	22	16

Melbourne's west saw a decrease of six cranes, bringing the region's total crane numbers to 16, down from 22 in the previous index.

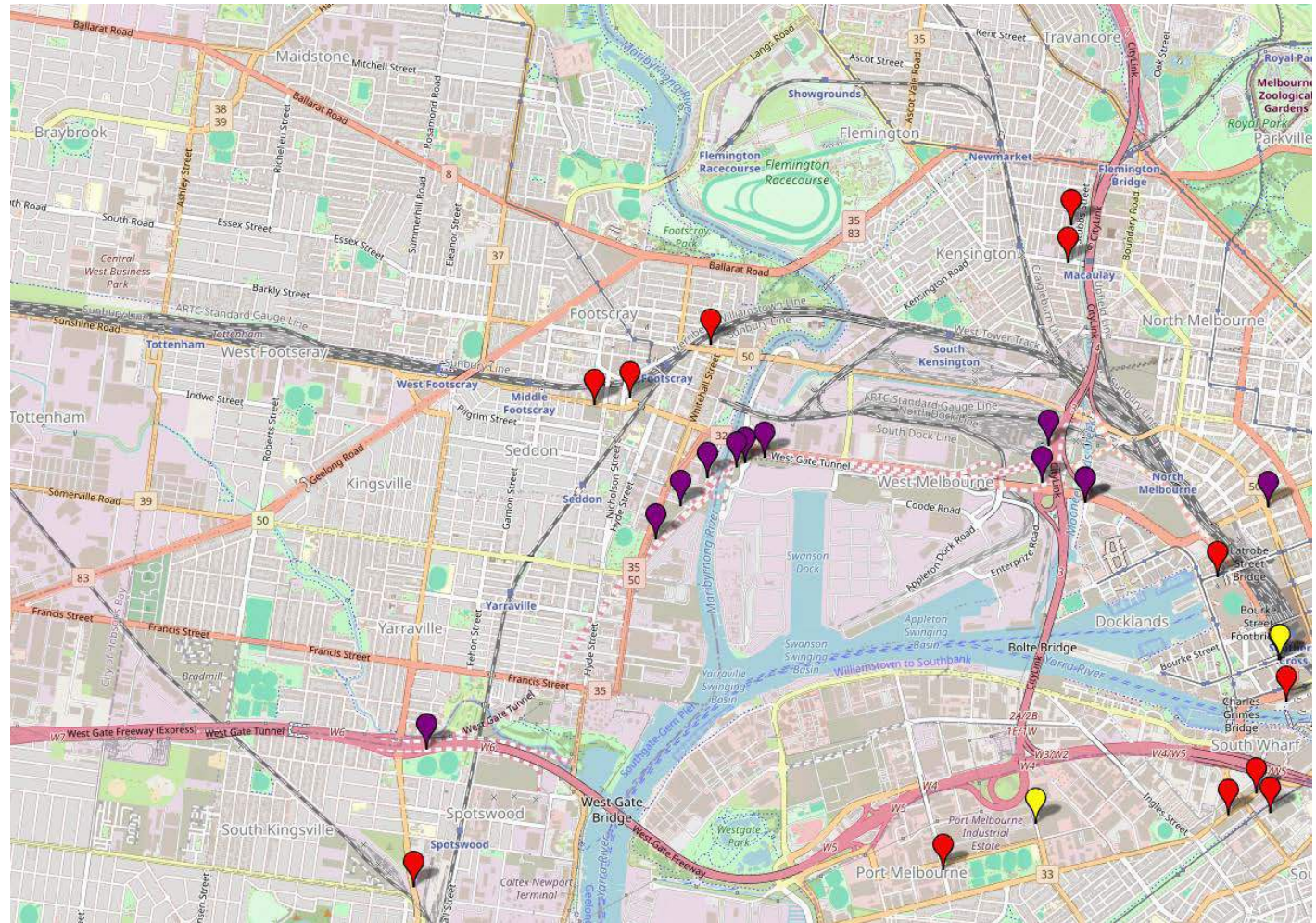
Melbourne's previous largest crane site, the new Footscray Hospital, has had all of its seven cranes removed from site.

Seven new cranes were added at:

- Indi Footscray (Two cranes),
- Nexus Apartments (Thomastown),
- 240 High Street (Thomastown, two cranes),
- Seddon Square,
- West Gate Tunnel Project (Footscray).

Thirteen cranes were removed from:

- Westgate Tunnel Project (Footscray, three cranes)
- Footscray Hospital (Footscray, seven cranes)
- MEL04 Data Centre (Brooklyn)
- Sewer upgrade works (Spotswood)
- Waterline Place (Williamstown)



NEWCASTLE

The Newcastle RLB Crane Index® increased from 188 to 200 points representing 16 cranes across the region. A total of five new cranes was added and four cranes were removed from sites.

Five new cranes were added at:

- Autobiography (Adamstown)
- One (Newcastle West)
- Swift (Newcastle West)
- Maitland Private Hospital (East Maitland)
- Newcastle Art Gallery (Cooks Hill)

Cranes were removed from:

- Little National Hotel (Newcastle)
- Oak Tree (Broadmeadow)
- Horizon on the Harbour (Newcastle)
- Maitland Service Apartments (Maitland)

CRANE ACTIVITY - NEWCASTLE

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	1	6.7%	0	-1	-1	0	0.0%
CIVIC	0	0.0%	1	0	1	1	6.3%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	0	0.0%	1	0	1	1	6.3%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	0	0.0%	0	0	0	0	0.0%
HEALTH	2	13.3%	1	0	1	3	18.8%
HOTEL	1	6.7%	0	-1	-1	0	0.0%
MIXED USE	2	13.3%	1	0	1	3	18.8%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	9	60.0%	1	-2	-1	8	50.0%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	15	100.0%	5	-4	1	16	100.0%

KEY SECTORS

- AGED CARE
- CIVIC
- COMMERCIAL
- HEALTH
- HOTEL
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

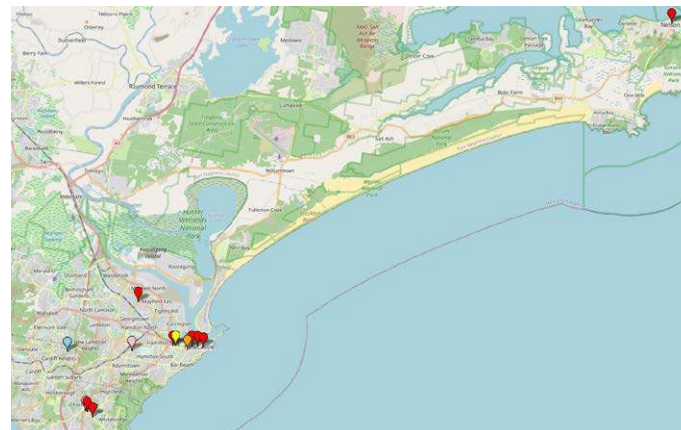
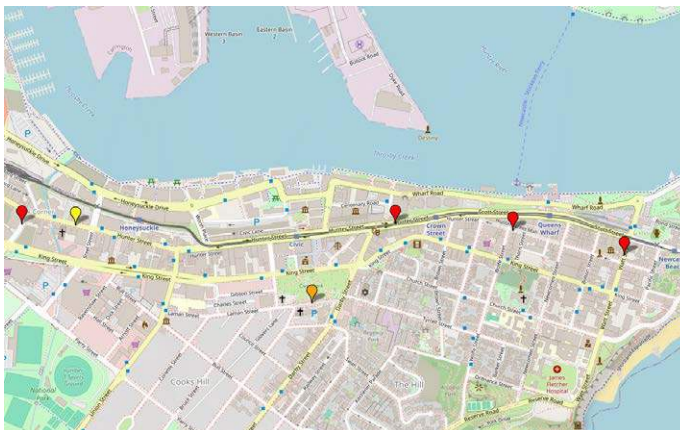
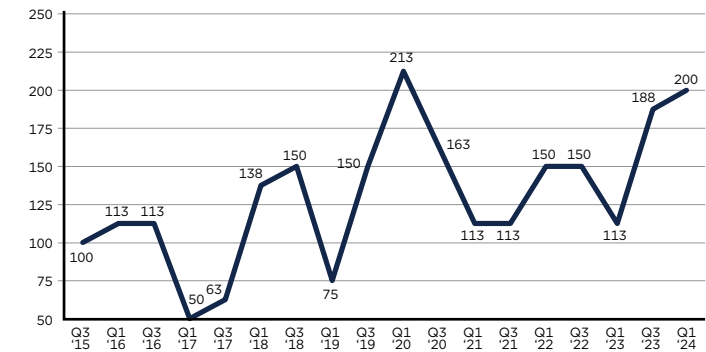


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - NEWCASTLE

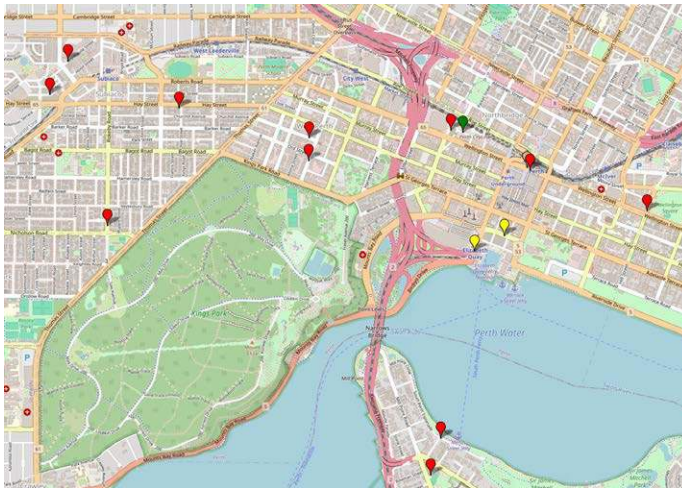
BASE: Q3 2015 = 100



PERTH

Perth's RLB Crane Index® fell from 116 to 105 index points. The index represents a total of 45 cranes across the city, slightly down from the 50 cranes reported previously. A total of 17 cranes was added to developments, offset by 22 removals.

Western Australia's residential sector saw a 9.0% increase in the preliminary value of work done in the 2023 calendar year, compared to the previous year. The apartment sector increased by 15.0%, while houses grew by 8.8%. The non-residential sector grew to \$5.4bn worth of work done, an increase of 12.2% over the \$4.8bn recorded in 2022. Preliminary engineering activity rose by 17.6% for the year. Overall, preliminary activity rose by 15.0% (or \$4.8bn) for the calendar year.



CRANE ACTIVITY - PERTH

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	1	2.0%	1	0	1	2	4.4%
CIVIC	1	2.0%	0	-1	-1	0	0.0%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	5	10.0%	2	-2	0	5	11.1%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	5	10.0%	2	-1	1	6	13.3%
HEALTH	0	0.0%	0	0	0	0	0.0%
HOTEL	0	0.0%	1	0	1	1	2.2%
MIXED USE	0	0.0%	1	0	1	1	2.2%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	38	76.0%	10	-18	-8	30	66.7%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	50	100.0%	17	-22	-5	45	100.0%

KEY SECTORS

- AGED CARE
- CIVIC
- COMMERCIAL
- EDUCATION
- HOTEL
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

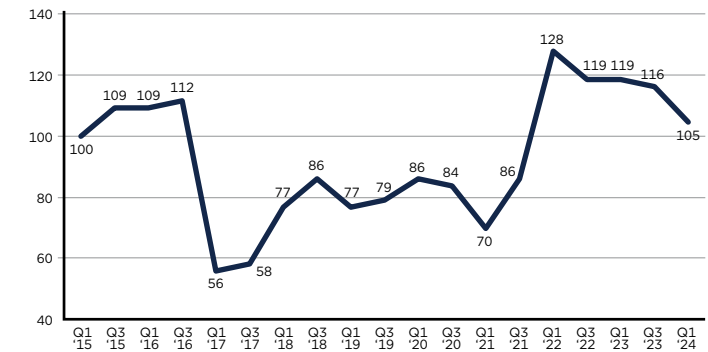


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - PERTH

BASE: Q1 2015 = 100



PERTH

The residential sector continues to dominate in Perth, accounting for 66.7% of all cranes.

Cranes were added at the following projects:

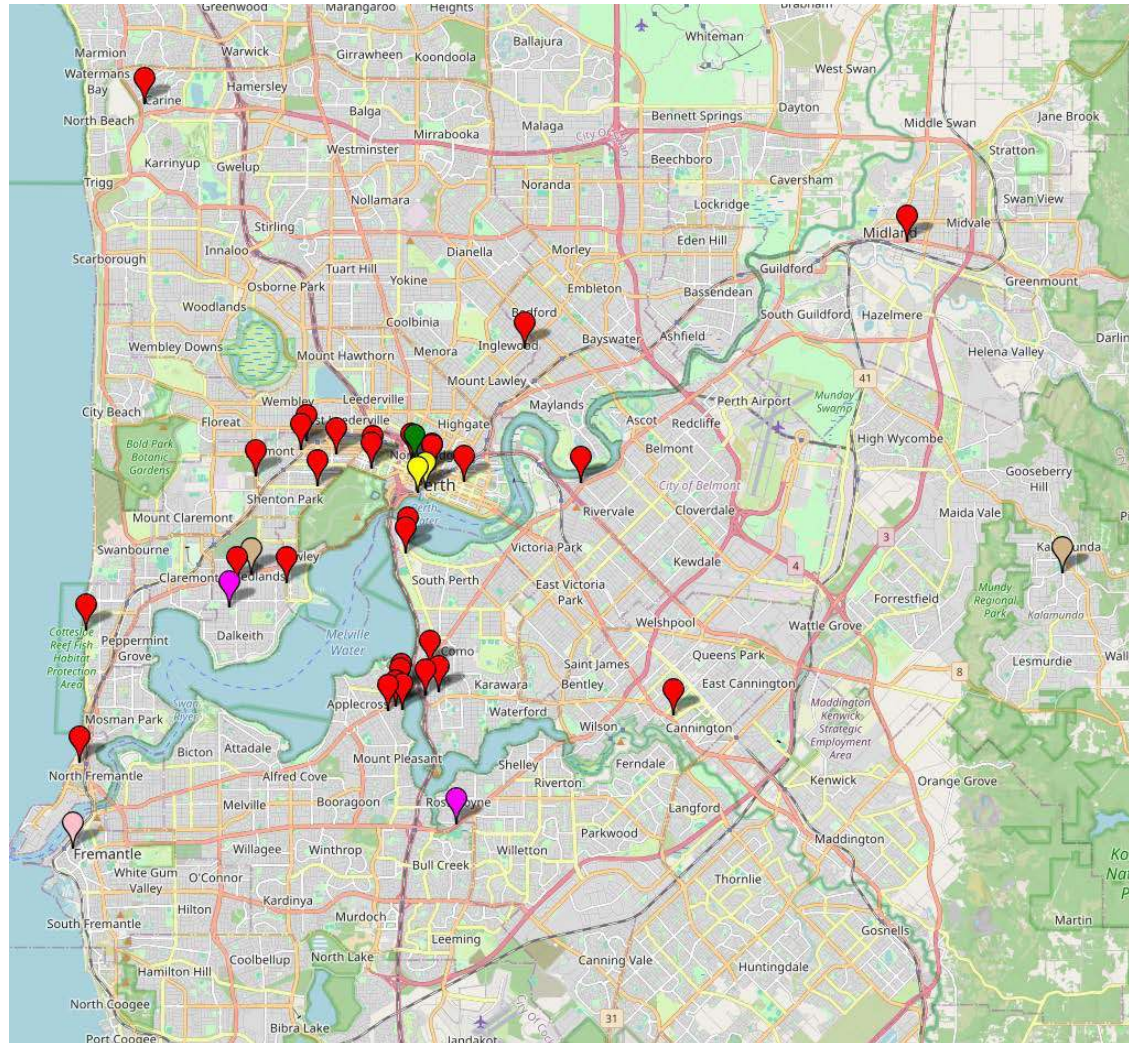
Residential projects

- Student Housing (Wellington Street)
- Common Ground Housing (East Perth)
- Victoria Sreet (Midland)
- Olive Street Apartments (Subiaco)
- Marine Parade Apartments (Cottesloe)
- Eclat Apartments (West Perth)
- Zera Nedlands (Nedlands)
- Lucida Apartments (Como)
- Oasis Apartments (Mount Pleasant)
- Modele Apartments (Como)

Non-Residential projects

- Nine the Esplanade (Perth, commercial)
- Reid Library (Crawley, education)
- Joondalup Storage (Joondalup, commercial)
- Woolstores Shopping Centre (Fremantle, mixed use)
- Dorsett Hotel (Perth, hotel)
- Kalamunda Senior High School (Kalamunda, education)
- Melvista Aged Care (Nedlands, aged care)

Twenty-two cranes were removed from projects in: Perth CBD, South Perth, Shenton Park, Claremont, Dalkeith, Mosman Park, Dalkeith, Karrinyup, Applecross, Burswood, Scarborough, Applecross, Fremantle, Nedlands, Jolimont, Armadale and Northbridge.



SUNSHINE COAST

The Sunshine Coast RLB Crane Index® decreased to 160 index points from the record high of 220 in the last edition. The region saw the removal of eight cranes, and the addition of two cranes, to record a total of 16 cranes.

Residential remains the dominant sector, accounting for all cranes in the region. New cranes were erected at the following residential projects:

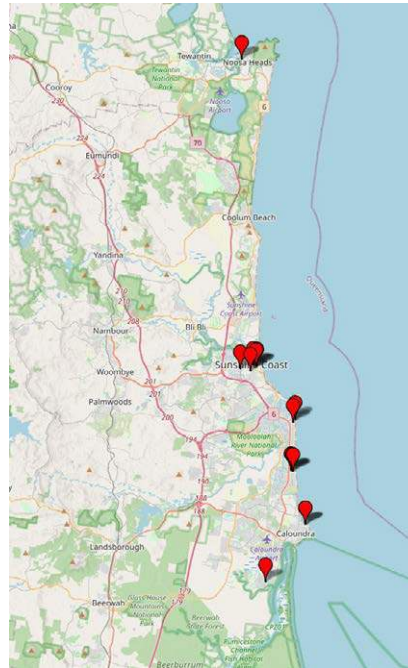
- Lagune (Moffat Beach)
- Cotton Tree by Mosaic (Cotton Tree)

Cranes were removed from:

- Maroochydore CBD Car Park, (Maroochydore)
- Lorient (Maroochydore)
- Ocean Verge (Kings Beach)
- East 153 (Moffat Beach)
- The Curl (Bokarina)
- Riverbend Apartments (Maroochydore)
- Serenity (Maroochydore)
- The Beach Front (Buddina, one crane remains)

CRANE ACTIVITY - SUNSHINE COAST

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0.0%	0	0	0	0	0.0%
CIVIC	0	0.0%	0	0	0	0	0.0%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	0	0.0%	0	0	0	0	0.0%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	0	0.0%	0	0	0	0	0.0%
HEALTH	0	0.0%	0	0	0	0	0.0%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	1	4.8%	0	-1	-1	0	0.0%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	21	100.0%	2	-7	-5	16	100.0%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	22	104.8%	2	-8	-6	16	100.0%



KEY SECTORS

- MIXED USE
- RESIDENTIAL

OVERALL STATUS

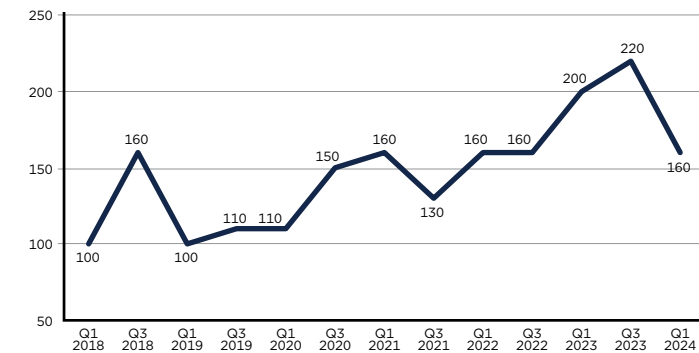


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - SUNSHINE COAST

BASE: Q1 2018 = 100



SYDNEY

Sydney's RLB Crane Index® dipped by 3% from its peak level in the previous edition (248 index points) to 241 index points. The index now represents 390 cranes across Sydney. Over the past six months, a total of 172 cranes were removed, while 161 new cranes were erected. The non-residential sector saw a minor decrease of four cranes, on the high number of 143 cranes in Q3 2023. There are currently 139 cranes on non-residential projects across the region.

Preliminary construction activity for the 2023 calendar year in New South Wales rose by 11.9% or \$8.2bn, compared to the previous year. The residential sector saw an increase of 3.2% for the year. The non-residential sector grew by 5.3%. The engineering sector was the major contributor to the increase in total construction work done with \$34.8bn worth of work done in 2023—an increase of 23.2% on 2022.

The projects with the largest number of cranes in Sydney include:

- Vicinti and Destination (Macquarie Park, five cranes,)
- Tallawong Village (Tallawong, four cranes,)
- New Sydney Fish Markets (Glebe, four cranes)
- Randwick Campus Redevelopment (Randwick, four cranes)
- Westconnex (Rockdale, four cranes,)
- Western Sydney Airport (Badgerys Creek, four cranes)
- Powerhouse Parramatta (Parramatta, four cranes)

The residential sector saw 102 cranes removed and 95 new cranes erected resulting in a net decrease of seven cranes. This brings the overall number of cranes in the sector to 251. The highest number of residential cranes recorded was 289 in Q3 2017.

CRANE ACTIVITY - SYDNEY

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	6	1.5%	0	-3	-3	3	0.8%
CIVIC	19	4.7%	8	-9	-1	18	4.6%
CIVIL	14	3.5%	1	-9	-8	6	1.5%
COMMERCIAL	23	5.7%	15	-11	4	27	6.9%
DATA CENTRES	9	2.2%	10	-7	3	12	3.1%
EDUCATION	9	2.2%	5	-8	-3	6	1.5%
HEALTH	8	2.0%	3	-3	0	8	2.1%
HOTEL	2	0.5%	3	-2	1	3	0.8%
MIXED USE	48	12.0%	19	-15	4	52	13.3%
RECREATION	2	0.5%	0	0	0	2	0.5%
RESIDENTIAL	258	64.3%	95	-102	-7	251	64.4%
RETAIL	3	0.7%	2	-3	-1	2	0.5%
TOTAL	401	100.0%	161	-172	-11	390	100.0%

KEY SECTORS

- AGED CARE
- CIVIC
- CIVIL
- COMMERCIAL
- DATA CENTRE / INDUSTRIAL
- EDUCATION
- HEALTH
- HOTEL
- MIXED USE
- RECREATION
- RESIDENTIAL
- RETAIL

OVERALL STATUS

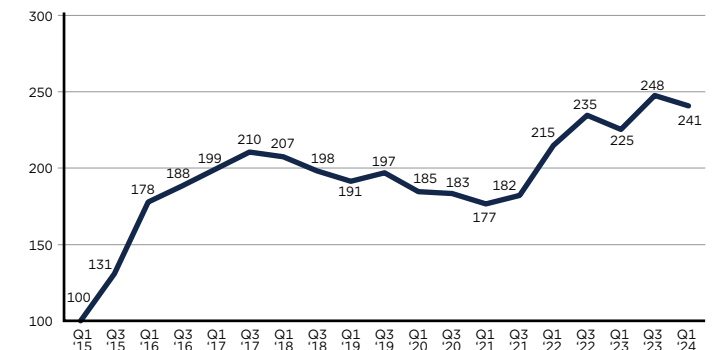


LEGEND

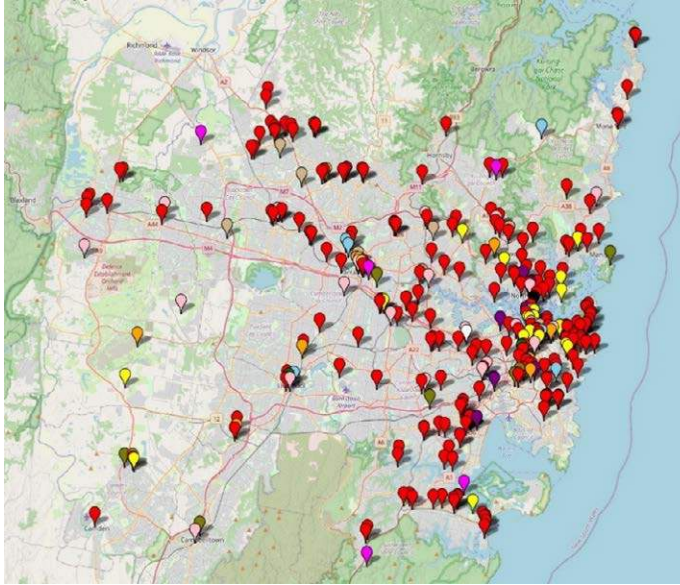
- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - SYDNEY

BASE: Q1 2015 = 100



SYDNEY



CRANE ACTIVITY - SYDNEY REGIONS

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
CBD & SURROUNDS	90	22.4%	37	-41	-4	86	22.1%
EAST	44	11.0%	24	-20	4	48	12.3%
NORTH	95	23.7%	50	-39	11	106	27.2%
SOUTH	64	16.0%	19	-28	-9	55	14.1%
WEST	108	26.9%	31	-44	-13	95	24.4%
TOTAL	401	100.0%	161	-172	-11	390	100.0%

Within Sydney, the last edition of the RLB Crane Index® highlighted that both the west and east regions recorded their highest number of cranes since Q1 2016, when region allocations commenced. In the past six months the west has seen a 12% reduction (13 cranes), while the east was up by 9% (four cranes) and the north grew by 11 cranes to reach 106. Both the east and north regions recorded their highest number of cranes since Q1 2016.

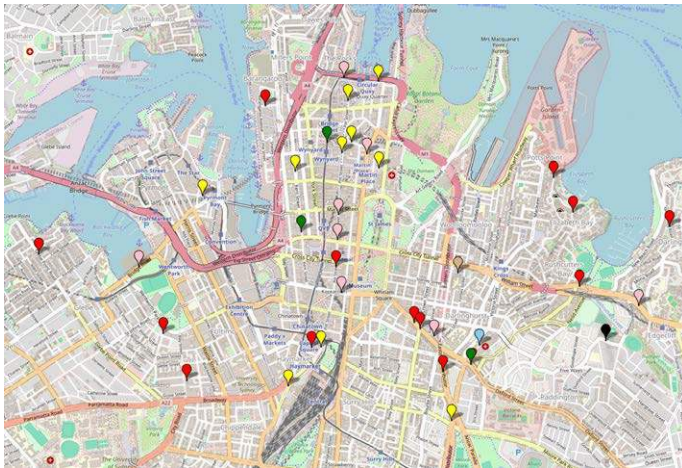
With 95 cranes, the west currently has nine more cranes than inner Sydney (which has 86 cranes). The only other edition in which the west had more cranes than inner Sydney was in Q3 2018, when the west had one more crane. This continues the trend of cranes shifting from the inner suburbs to the mid and outer suburbs as identified in the Q1 2023 index.

Across Sydney's five main regions, strong gains have been seen in the east and north, while crane numbers reduced in the other three regions. Crane numbers in the north, which previously had the largest proportion of cranes in Sydney, increased by 11 to 106 active cranes. The west had a fall in crane activity with a total of 95 cranes, or 24% of all Sydney cranes.

SYDNEY INNER

REGION - CRANE NUMBERS

INNER SYDNEY	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	3	3	5	2
CIVIL	3	3	2	0
COMMERCIAL	10	10	10	14
DATA C. / IND.	2	2	2	1
EDUCATION	1	1	1	2
HEALTH	0	0	1	1
HOTEL	3	2	1	3
MIXED USE	15	19	20	22
RECREATION	1	1	1	2
RESIDENTIAL	60	47	46	39
RETAIL	0	1	1	0
TOTAL	98	89	90	86



Inner Sydney (CBD and surrounds) saw the addition of 37 cranes, against the removal of 41 cranes. This brings the total number of cranes to 86 cranes.

New cranes that have been mobilised in Inner Sydney include:

Civic

- 136-144 Cope Street (Waterloo, two cranes)

Commercial

- Angel Place (Sydney)
- Atlassian Headquarters (Haymarket)
- Bourke and Bowden (Alexandria, two cranes)
- Hunter Street (Sydney)
- Pitt Street (Sydney, two cranes)
- Sydney Metro West OSD (Pyrmont)

Hotel

- 25 Hours Hotel (Paddington)
- George Street (Sydney)
- Grace House Development (Sydney)

Education

- 3 Joynton Avenue (Zetland)

Mixed Use / Other

- Abbie's Lane (Annandale)
- Addison Road (Marrickville)
- City Tatts Tower (Sydney)
- Foley Street (Darlinghurst)
- New Sydney Fish Markets (Glebe)
- One Circular Quay (Sydney)
- Polding House (Sydney)
- Smith Street (Summer Hill)
- Victoria Street (Burwood)

Residential

- 14 Marlborough Road (Homebush West)
- 15-31 Parker Street (Haymarket)
- 31/13-17 Ithaca Road (Elizabeth Bay)
- 328-336 Liverpool Road (Ashfield)
- 5 George Street (Marrickville)
- 634 Botany Road (Alexandria)
- 66 Bay Street (Ultimo)
- Belmont Street (Alexandria)
- Boronia Apartments (Waterloo)
- Cowper Street Social Housing Redevelopment (Glebe)
- Park Sydney (Erskineville)
- Rothwell Avenue (Concord West, two cranes)
- The Halston (North Strathfield)

Forty-one cranes were removed from sites in Alexandria, Ashfield, Auburn, Barangaroo, Burwood, Chippendale, Darlinghurst, Dulwich Hill, Elizabeth Bay, Haberfield, Homebush, Homebush West, Lidcombe, Marrickville, Newtown, Rhodes, Rosebery, Rozelle, Strathfield, Surry Hills, The Rocks and Zetland.

SYDNEY EAST

REGION - CRANE NUMBERS

SYDNEY EAST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	0	0	0	0
CIVIC	1	1	1	2
CIVIL	0	0	1	0
COMMERCIAL	3	2	3	3
DATA C. / IND.	0	0	0	0
EDUCATION	1	1	0	0
HEALTH	0	0	2	4
HOTEL	1	0	0	0
MIXED USE	0	1	2	3
RECREATION	0	0	0	0
RESIDENTIAL	27	24	35	36
RETAIL	0	0	0	0
TOTAL	33	29	44	48

Crane numbers in Sydney's east rose to a record 48, the highest number of cranes since the start of the regional counts in Sydney. The previous high of 44 cranes was recorded in Q3 2023.

Twenty-four new cranes were raised in the east and 20 were removed. Residential sites account for almost 75% of cranes in the east.

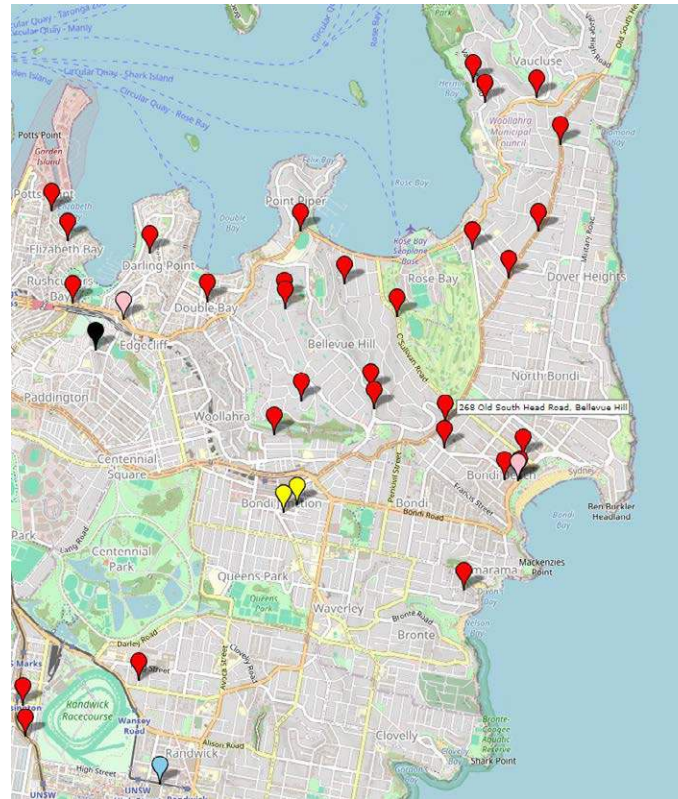
New cranes were placed at:

Civic

- HMAS Watson (Watsons Bay)
- King Street (Mascot)

Commercial

- Chalmers Crescent (Mascot)
- Ebley Street (Bondi Junction)



Health

- Randwick Campus Redevelopment

Mixed Use

- 124 Campbell Parade (Bondi Beach)

Residential

- 136 Campbell Parade (Bondi Beach)
- 14 Fennelly Street (Randwick)
- 142 Curlewis Street (Bondi Beach)
- 15 Thompson Street (Tamarama)
- 15 Vaucluse Road (Vaucluse)
- 157 Todman Avenue (Kensington)
- 16 Hopetoun Avenue (Vaucluse)
- 160 Brook Street (Coogee)
- 22 Carrara Road (Vaucluse)
- 22 Yarranabbe Road (Darling Point)
- 30 Newcastle Street (Rose Bay)
- 34 Streatfield Road (Bellevue Hill)
- 36 Beresford Road (Rose Bay)
- Giardino (Bellevue Hill)
- Pagewood Centro Uccello Apartments (Eastgardens, two cranes)
- Piper House (Point Piper)

Cranes were removed from sites in Bellevue Hill, Bondi Beach, Bondi Junction, Botany, Bronte, Clovelly, Coogee, Double Bay, Eastgardens, North Bondi, Randwick, Rose Bay, Vaucluse.

SYDNEY NORTH

REGION - CRANE NUMBERS

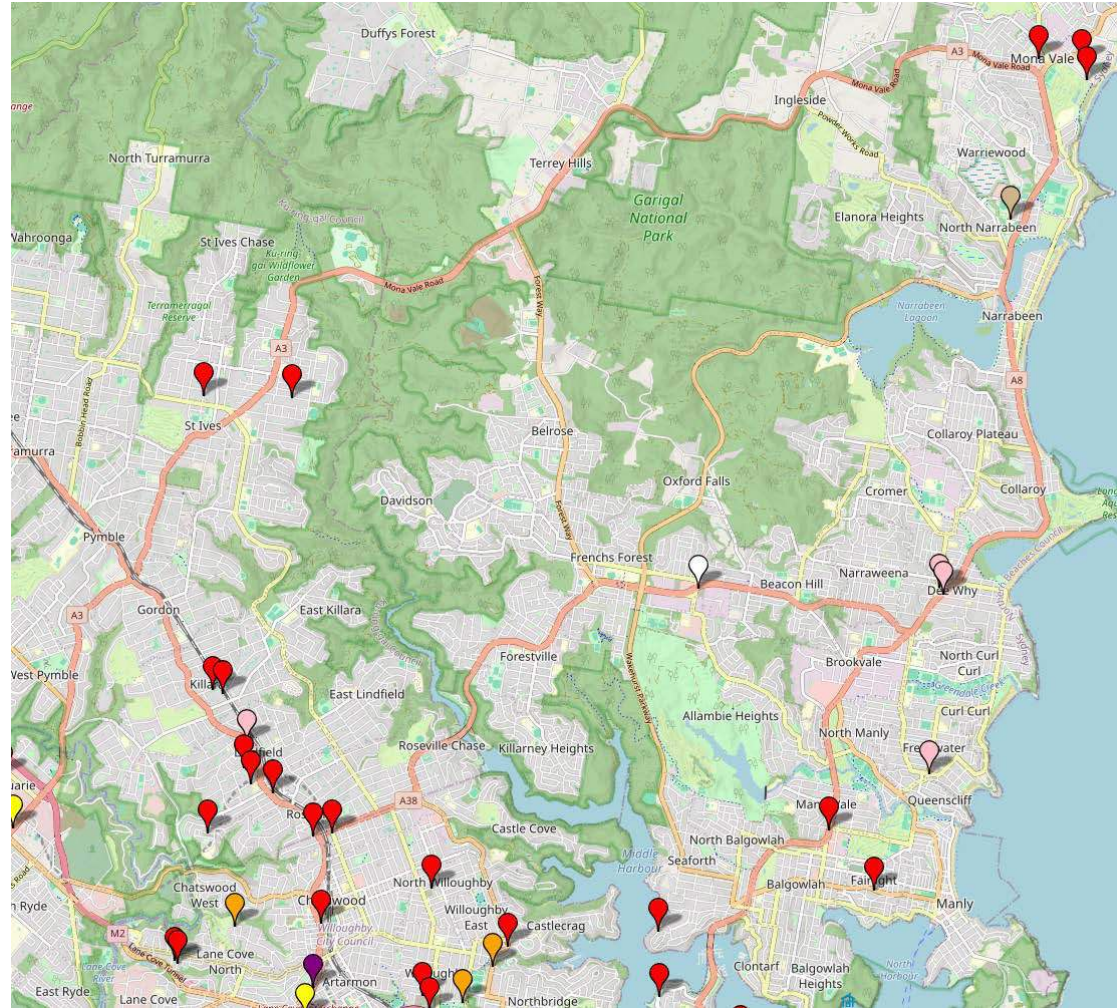
SYDNEY NORTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	2	2	1	1
CIVIC	0	0	2	4
CIVIL	4	3	3	2
COMMERCIAL	7	7	6	5
DATA C. / IND.	8	3	1	0
EDUCATION	6	4	2	3
HEALTH	1	0	0	0
HOTEL	0	0	0	0
MIXED USE	4	4	6	12
RECREATION	0	0	0	0
RESIDENTIAL	77	78	74	78
RETAIL	1	0	0	1
TOTAL	110	101	95	106

Sydney's northern suburbs recorded an increase of 11 cranes, bringing the total number of cranes in the north to 106. A total of 50 cranes were added and 39 cranes were removed.

Thirty-six new residential cranes were erected in the past six months together with two commercial, two civic, one civil, three educational, one retail and five mixed use cranes.

A notable new addition is the Vicinti and Destination development (Macquarie Park), which contains five cranes on the site.

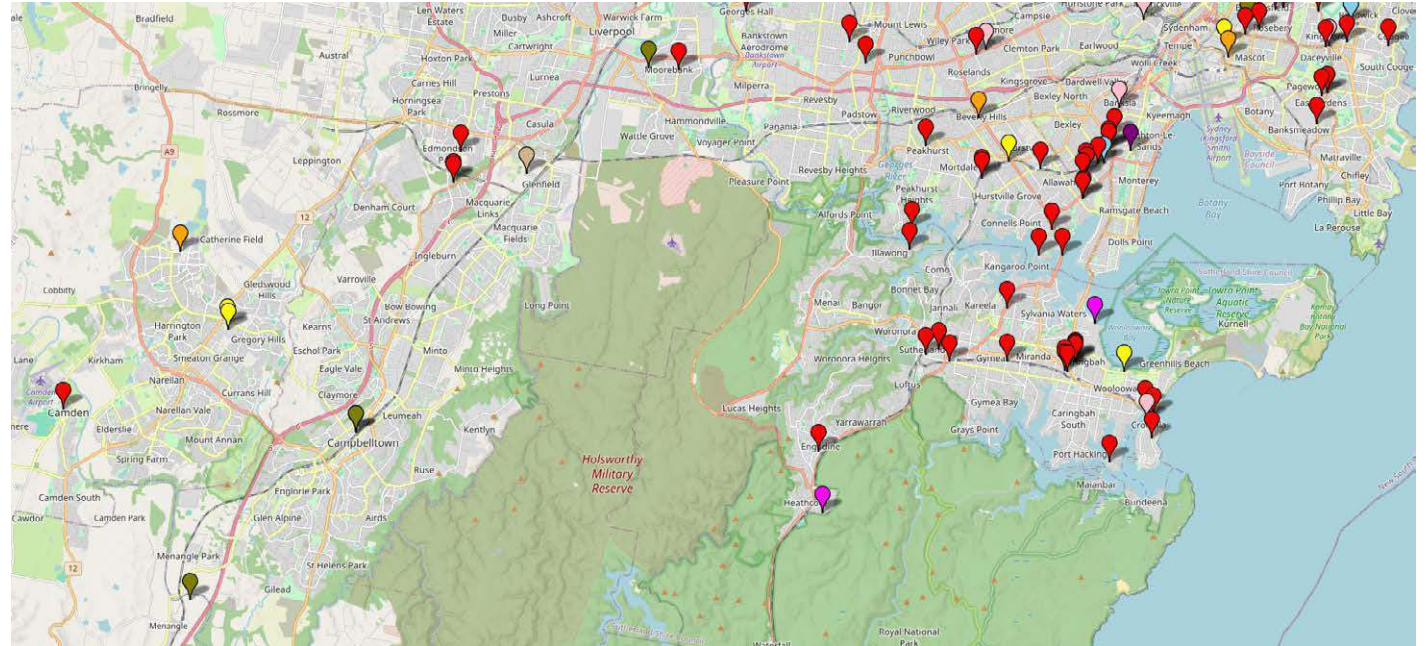
Cranes remain concentrated along the primary arterial routes and are prevalent in 48 suburbs. However, cranes were removed from 30 suburbs.



SYDNEY SOUTH

REGION - CRANE NUMBERS

SYDNEY SOUTH	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	2	2	2	2
CIVIC	1	1	1	2
CIVIL	0	5	8	4
COMMERCIAL	5	4	3	3
DATA C. / IND.	2	3	3	1
EDUCATION	0	0	0	0
HEALTH	0	1	0	1
HOTEL	0	0	0	0
MIXED USE	5	4	3	2
RECREATION	0	0	0	0
RESIDENTIAL	40	46	44	40
RETAIL	0	0	0	0
TOTAL	55	66	64	55



Sydney’s southern region has seen a reduction of nine cranes. Over the past six months, 19 cranes were added and 28 removed from projects. A total of 55 cranes are now spread across the region.

The south’s largest projects by crane counts are part of the following:

- Caringbah Greens (Caringbah, two cranes)
- Westconnex (Rockdale, four cranes)

Cranes were added in the suburbs of Banksia, Beverly Hills, Blakehurst, Burraneer, Caringbah, Carlton, Cronulla, Gregory Hills, Kogarah, Kogarah Bay, Peakhurst, Redfern, Rockdale and Sutherland.

Cranes were removed in the suburbs of Arncliffe, Bexley, Blakehurst, Campbelltown, Cronulla, Engadine, Hurstville, Kingsgrove, Kogarah, Miranda, Oran Park, Redfern, Rockdale, Sutherland, Tempe and Woolooware.

SYDNEY WEST

REGION - CRANE NUMBERS

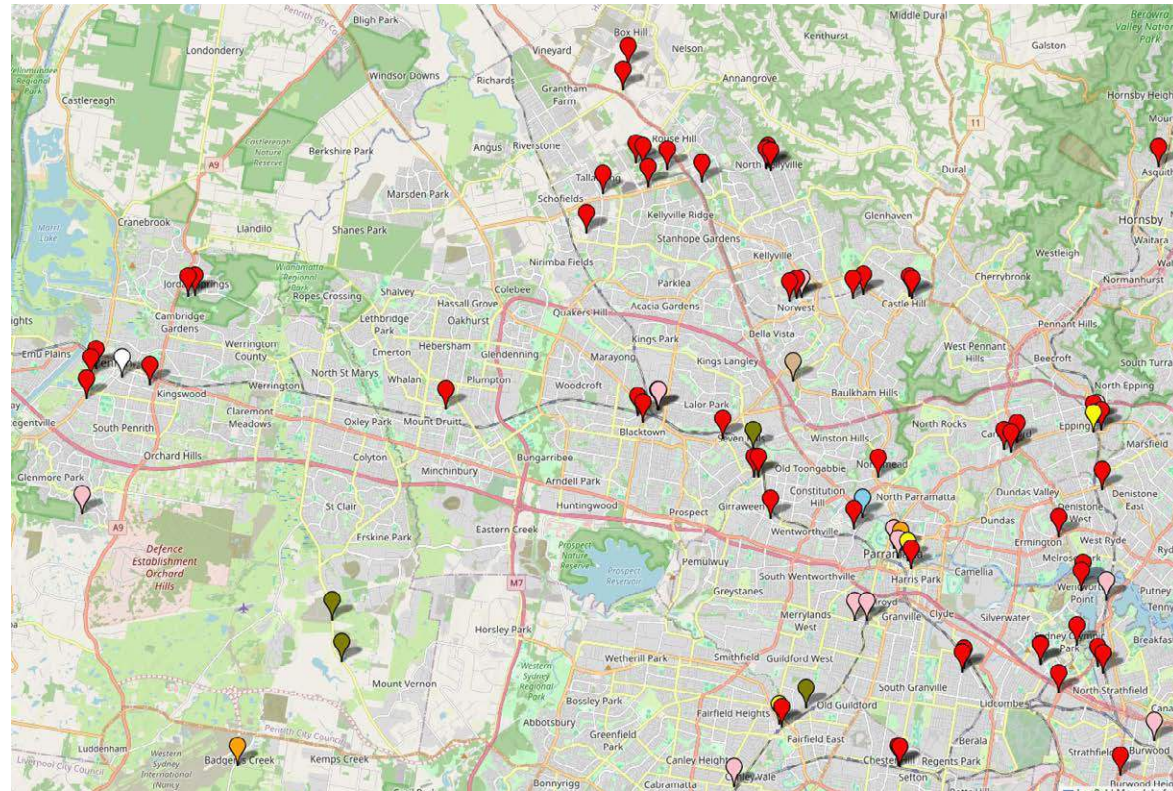
SYDNEY WEST	Q3 2022	Q1 2023	Q3 2023	Q1 2024
AGED CARE	1	1	2	0
CIVIC	8	11	11	8
CIVIL	0	0	0	0
COMMERCIAL	5	1	2	2
DATA C. / IND.	4	1	3	10
EDUCATION	0	3	6	1
HEALTH	2	3	5	2
HOTEL	1	1	1	0
MIXED USE	6	6	14	13
RECREATION	0	0	0	0
RESIDENTIAL	55	51	62	58
RETAIL	2	2	2	1
TOTAL	84	80	108	95

Sydney's west saw a total of 31 new cranes added, and 44 removed; bringing the region's total number of cranes to 95 across 35 suburbs, down from 108 in 41 suburbs in the last edition.

Of the 31 new cranes, 15 were erected for residential construction, 10 for data centres or industrial projects, two were erected for mixed use and one in each of the civic, commercial, education, and retail sectors.

New projects with multiple cranes erected include:

- Ashbury Terraces (Ashbury, two cranes)
- Mamre Road Precinct (Kemps Creek, two cranes)
- Station Road Data Centre Expansion (Seven Hills, two cranes)
- Tallawong Village (Tallawong, two new cranes, four in total)



- Terry Road (Rouse Hill, three cranes)
- The Yards (Kemps Creek, three cranes)

The developments with the largest numbers of cranes are Western Sydney Airport (Badgerys Creek), Tallawong Village and Powerhouse Parramatta, each with four cranes.

Parramatta Metro Station, 37 Terry Road (Rouse Hill) and The Yards (Kemps Creek) all have three cranes.

Cranes are currently on sites in Ashbury, Badgerys Creek, Bankstown, Box Hill, Canley Vale, Chester Hill, Edmondson Park, Fairfield, Georges Hall, Glenfield, Glenmore Park, Harris Park, Jamisontown, Jordan Springs, Kemps Creek, Lakemba, Menangle, Merrylands, Moorebank, Mount Druitt, North Kellyville, Northmead, Olympic Park, Parramatta, Pendle Hill, Penrith, Rouse Hill, Schofields, Seven Hills, Tallawong, Toongabbie, Wentworth Point, Westmead and Yennora.

WOLLONGONG

The Wollongong and Shellharbour region recorded a fall in this edition of the RLB Crane Index®, from 72 index points to 67. The index value represents a total of 12 cranes across the region. Six cranes were removed from sites and five cranes were added.

New cranes were erected at:

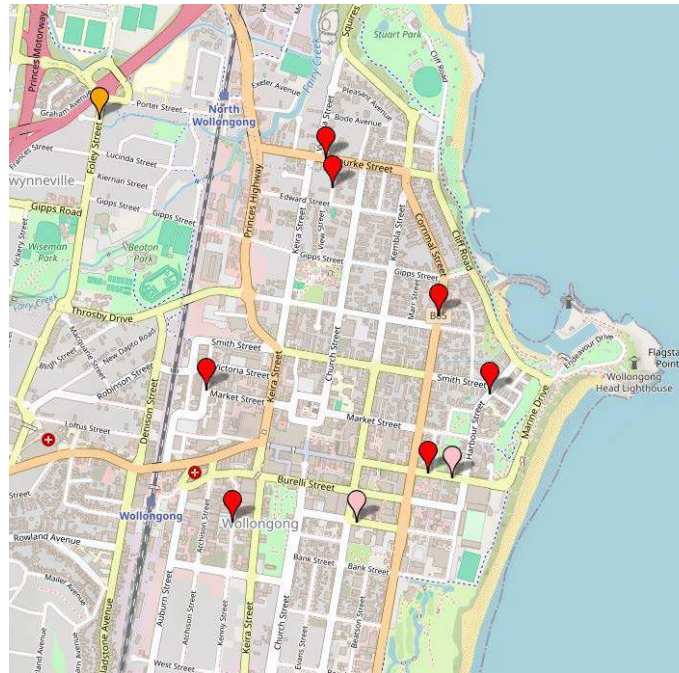
- 141 Darkes Road
- 75-77 Corrimal Street
- 24 Harbour Street
- 23-25 Kenny Street
- 40-44 Crown Street

Cranes were removed from the following projects:

- Central Park (mixed use)
- Eclipse (residential)
- Rise on Gipps (residential)
- Ancora Apartments (residential)
- Areia Apartments (residential)
- 93-99 Kembla Street (residential)

CRANE ACTIVITY - WOLLONGONG

	OPENING COUNT		MOVEMENT			CLOSING COUNT	
	Q3 2023	%	+	-	NET	Q1 2024	%
AGED CARE	0	0.0%	0	0	0	0	0.0%
CIVIC	1	7.7%	0	0	0	1	8.3%
CIVIL	0	0.0%	0	0	0	0	0.0%
COMMERCIAL	0	0.0%	0	0	0	0	0.0%
DATA CENTRES	0	0.0%	0	0	0	0	0.0%
EDUCATION	0	0.0%	0	0	0	0	0.0%
HEALTH	0	0.0%	0	0	0	0	0.0%
HOTEL	0	0.0%	0	0	0	0	0.0%
MIXED USE	4	30.8%	0	-1	-1	3	25.0%
RECREATION	0	0.0%	0	0	0	0	0.0%
RESIDENTIAL	8	61.5%	5	-5	0	8	66.7%
RETAIL	0	0.0%	0	0	0	0	0.0%
TOTAL	13	100.0%	5	-6	-1	12	100.0%



KEY SECTORS

- CIVIC
- MIXED USE
- RESIDENTIAL

OVERALL STATUS

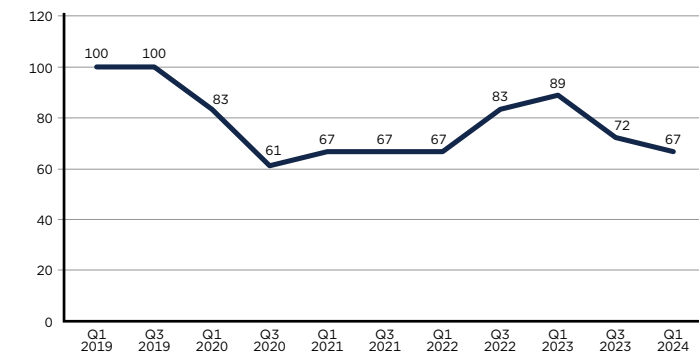


LEGEND

- INCREASE IN NUMBER OF CRANES
- DECREASE IN NUMBER OF CRANES
- CRANE NUMBERS STEADY

RLB CRANE INDEX® - WOLLONGONG

BASE: Q3 2019 = 100



ABOUT THE RLB CRANE INDEX®

The RLB Crane Index® is published by Rider Levett Bucknall biannually in Australia, New Zealand, USA, Canada, Gulf States, Hong Kong, Singapore, Indonesia, Vietnam, Malaysia and Myanmar and South Africa. The Australian index tracks the numbers of cranes in the key cities within Australia.

In September 2012, the Rider Levett Bucknall (RLB) Oceania Research & Development and Communication teams created the RLB Crane Index® 'index' as a simple insight into the construction sector's health within Australia. It was based on the theory that cranes in the sky supported the construction industry, which is a significant contributor to Australia's economic growth.

The RLB Crane Index® gives a simplified measure of the current state of the construction industry's workload in each of these locations.

Each RLB office physically counts all fixed cranes on each city's skyline twice yearly which provides the base information for the index. This information is then applied to a base date (6th edition Q1 2015), which enables the RLB Crane Index® to be calculated highlighting the relative movement of crane data over time for each city.

The indexing of RLB Crane Index® data commenced in Q3 2013, when it was determined that the data collection and reporting methodology was mature and consistent between all offices. Crane counts for that release were indexed to 100 in each city. The index was recalibrated at Q1 2015, which saw the base index value of 100 established for each city. Subsequent cities which are now included within the index have had their base value of 100 established on their initial entry into the count. Subsequent movements in crane numbers are applied to the base RLB Crane Index® to highlight the crane movements in each city over time based on the relative count in Q1 2015.

Using the RLB Crane Index® table data makes for quick comparisons in determining city by city crane activity. For example, when comparing Sydney cranes for the base period of Q1 2015, against the count in Q1 2018, the following formula can be used to determine the percentage increase (or decrease).

$$\text{PERCENTAGE CHANGE} = \left[\frac{\text{CRANE INDEX}_{\text{cp}} - \text{CRANE INDEX}_{\text{pp}}}{\text{CRANE INDEX}_{\text{pp}}} \right] \times 100$$

where Crane Index_{cp} is the RLB Crane Index_{cp} for the current period and Crane Index_{pp} is the RLB Crane Index® for the previous period.

LOCALITY MAPS

The RLB Crane Index® locality maps offer a pictorial representation of the collected data for each city using a pin locator for the approximate location and sector of the development to where cranes are located.

The pin colour indicates the market sector of the development. The pins are not an indication of the numbers of cranes in that location.

The location of the pins is indicative only and have been positioned to convey the general spread of cranes within a city and to indicate the spread of cranes within market sectors.

Locality maps have been created by RLB at GPSVisualiser.com using Leaflet and map data from OpenStreetMap.org

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