

# Advancing Kidney Care Information Solution (AKCIS)

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Improvement



Transparency



Patient Safety



Clinician Leadership



Innovation



AKQIS

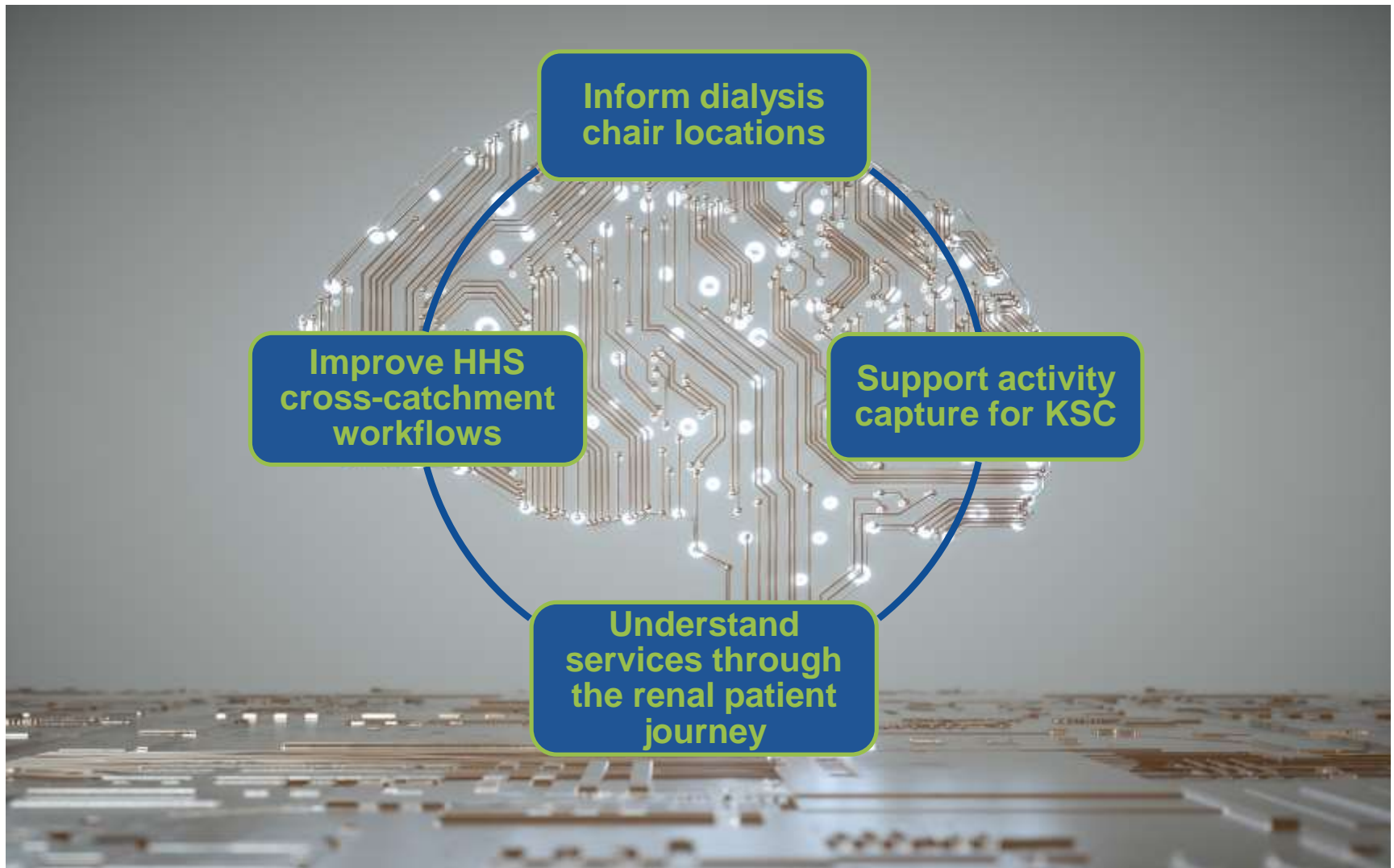
- Cover Page
- Kidney Transplants
- Definitions
- Summary
- Demographics
- Admissions
- Pre-transplant Dialysis
- Post-transplant Dialysis
- Patient List
- Acute Kidney Injury
- Definitions
- Summary
- Demographics
- Demographics by HHS
- LOS
- ICU Stay
- Biopsy
- Critical Care Dialysis
- Patient List
- Dialysis
- Definitions
- Summary
- Profile
- Patient Flows
- Patient Flows Statewide
- Distance & Time Travelled
- In-centre HD Activity
- Appointments
- Critical Care Dialysis
- Patient List (census)
- Patient List (events)
- After-hours dialysis support



A digitally integrated kidney care data source available to authorised QH users to support improvements in kidney health service delivery:

- improve patient outcomes
- support service planning
- determine effective kidney care practices and services
- facilitate system improvement

# Translation to service improvements



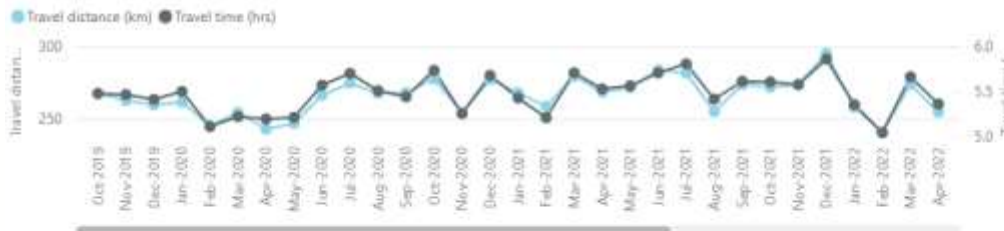
# Distance and time travelled for dialysis

Select a census month: Jul-2023 currently selected

Data are only available for dialysis patients from October 2019.

Latest ... Jun-2023 May-20... Apr-2023 Mar-2023 Feb-2023 Jan-2023 Dec-2022 Nov-2022 Oct-2022 Sep-2022 Aug-2022 Jul-2022 Jun-2022 May-20... Apr-2022 Mar-2022 Feb-2022 Jan-2022 >

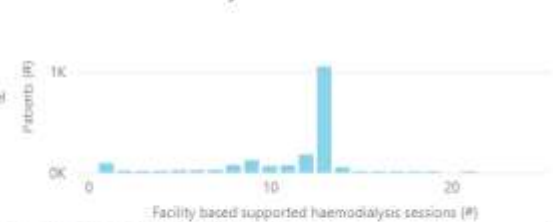
Median distance travelled (km) and time travelled (hrs)



Total facility based supported HD patients

1,935  
# with distance/travel time returned  
1,862

Facility based supported patients on haemodialysis by number of haemodialysis sessions



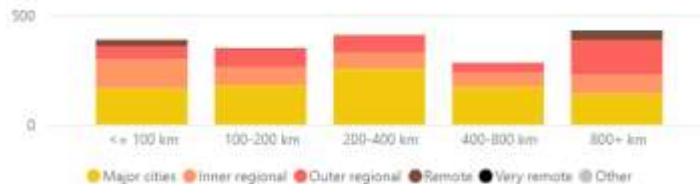
Descriptive statistics of distance travelled (km) for facility based supported haemodialysis

Min	25th ptile	Median	Mean	75th ptile	Max	StdDev	Variance
1.3	121.1	268.8	699.5	714.4	30,330.6	1,679.4	2,820,509.9

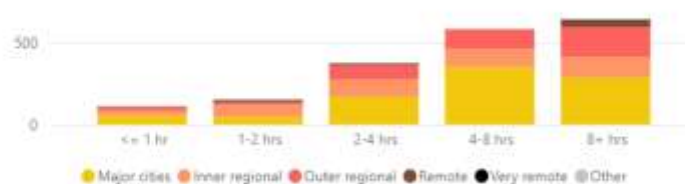
Descriptive statistics of time travelled (hrs) for facility based supported haemodialysis

Min	25th ptile	Median	Mean	75th ptile	Max	StdDev	Variance
0.1	3.1	5.4	10.3	10.5	475.1	20.5	419.3

Patients on dialysis by distance travelled for facility based supported haemodialysis & remoteness of residence (ARIA)



Patients on dialysis by time travelled for facility based supported haemodialysis & remoteness of residence (ARIA)



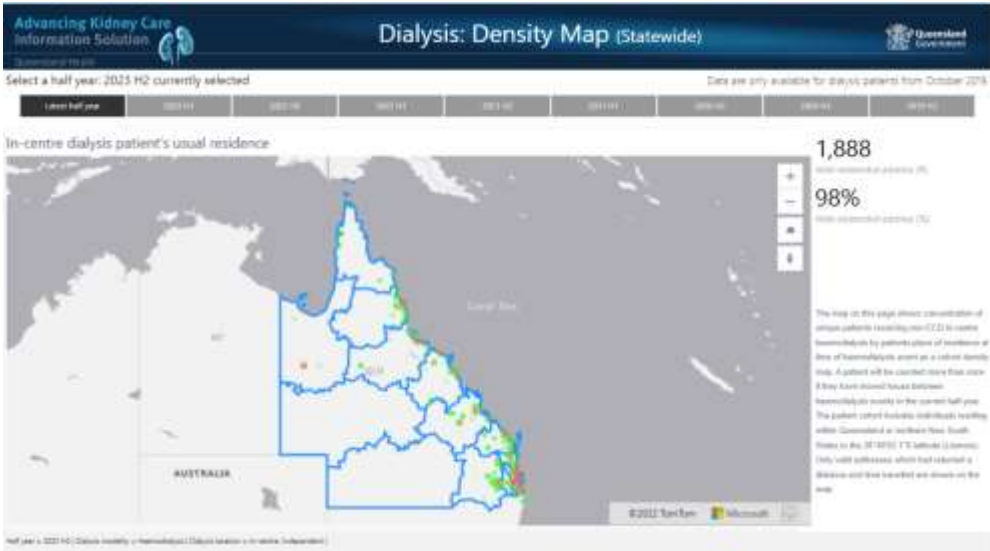
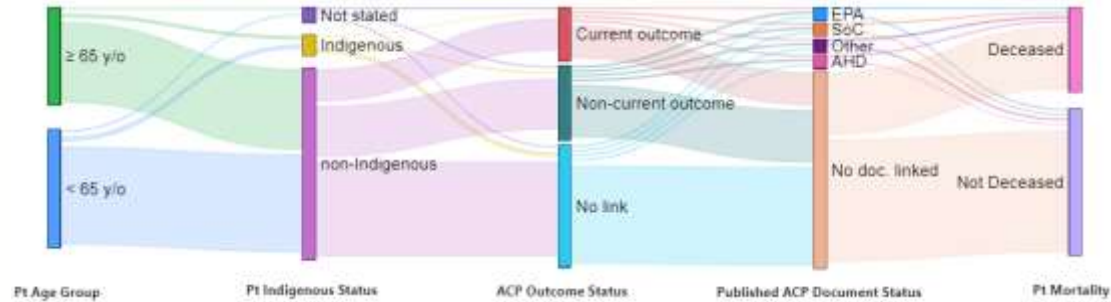
Distance and time travelled (DTT) are summed based on private car travel during weekday off-peak traffic from residency to treating facility and back, for all facility based supported haemodialysis (HD) sessions within a census month. Patients living on islands disconnected to the mainland are excluded. The patient cohort includes patients residing within Queensland or northern New South Wales to the 28°49'02.17"S latitude (Lismore), excluding those without a distance/travel time returned for their facility based HD sessions. Independent dialysis patients are not included in this report as precise weekly dialysis sessions are not available.

Month year = Jul-2023 | Dialysis location = In-centre |



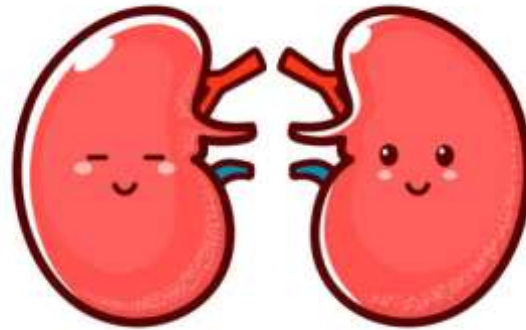
# On the Horizon

- 1. Advanced Care Planning
  - Linkage between SSB & HBCIS datasets
  - Identify plans to be documented



- 2. Dialysis Density Map
  - Identify gaps in statewide dialysis chair coverage
  - Assist in natural-disaster management of dialysis patient cohort

# Thank You!



Contact Us:

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