ANZ DATA | AUSTRALIA & NEW ZEALAND DIALYSIS & TRANSPLANT REGISTRY

ANZDATA Capacity Survey

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Aim

- To assess haemodialysis capacity in Australia and Aotearoa New Zealand

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Methods

- Online survey – 13 questions
  - Number of dialysis chairs
  - Usage of chairs
  - Nocturnal dialysis
  - Holiday dialysis/away-from-home dialysis

- Sent initially to dialysis unit nursing managers
- Follow-up phone calls/emails from ANZDATA

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Results

- 236 responses out of 337 dialysis units (70%)

  (Now ~78%)

Region	Number	%
Australia		
Australian Capital Territory	3/5	60%
New South Wales	68/93	73%
Northern Territory	5/9	56%
Queensland	48/63	76%
South Australia	25/25	100%
Tasmania	1/4	25%
Victoria	57/85	67%
Western Australia	17/24	71%
New Zealand	11/29	36%

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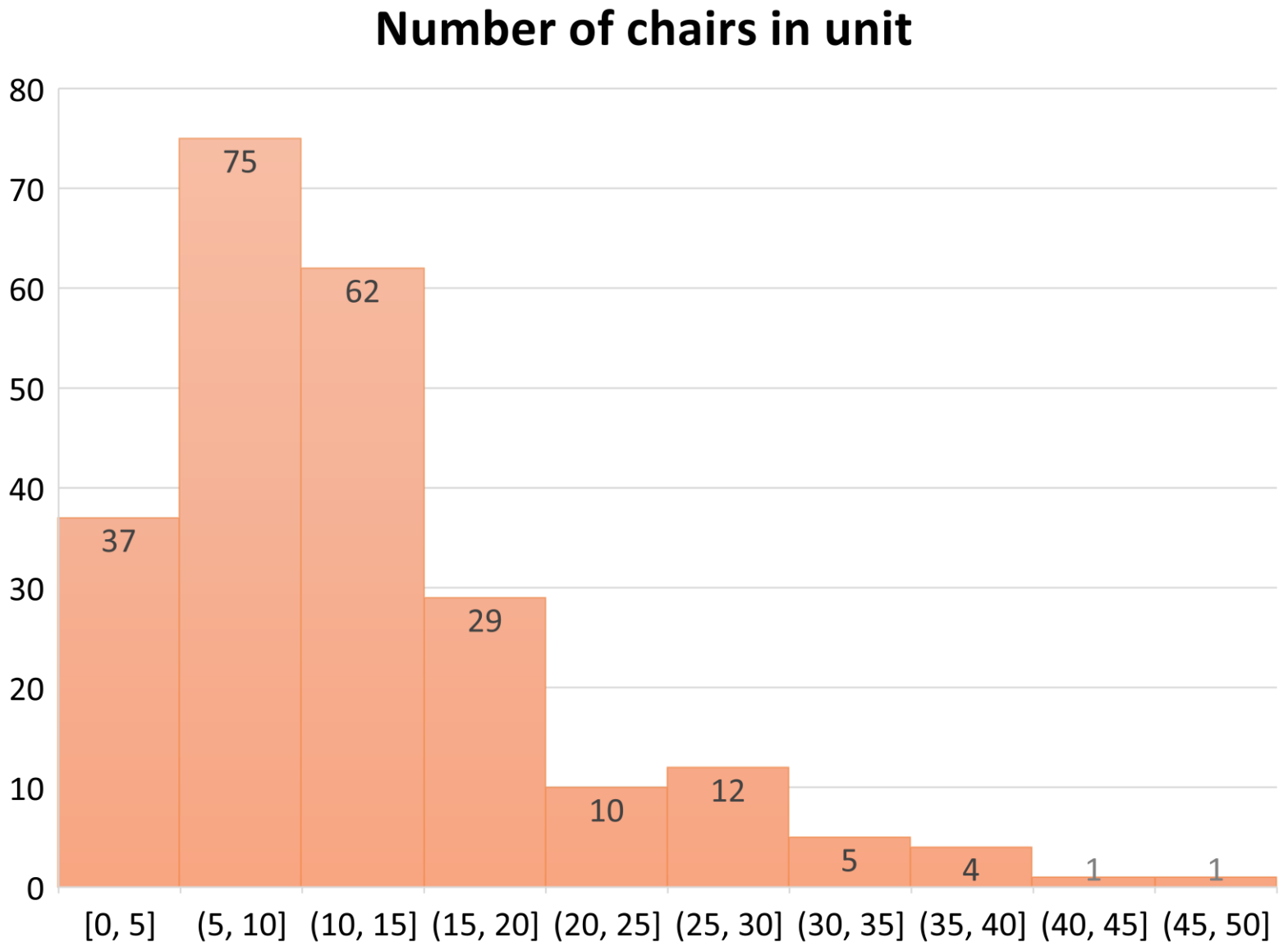
Results

- Total 2963 dialysis chairs in 236 units



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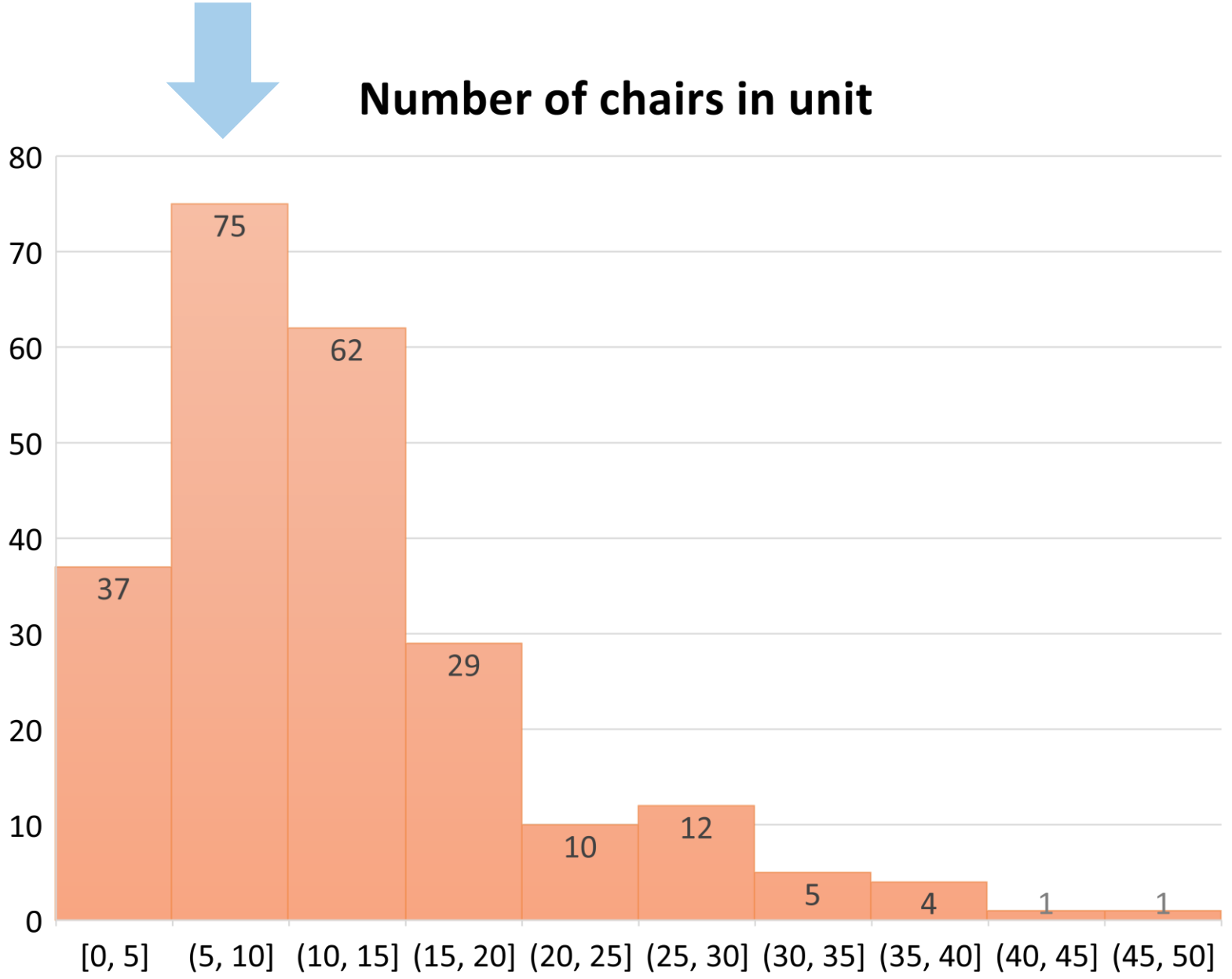

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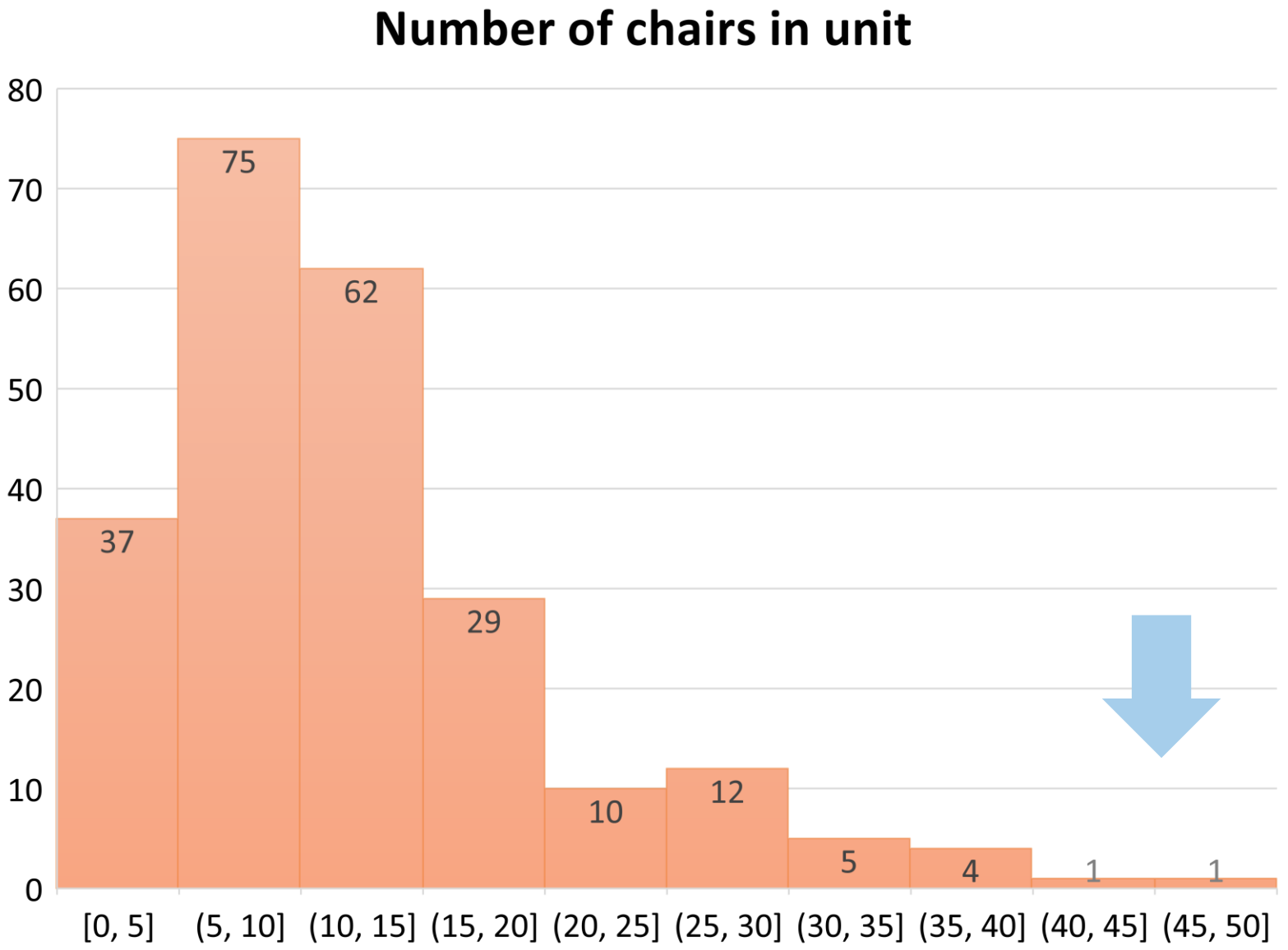

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Shifts per dialysis chair

	Mon/Wed/Fri	Tue/Thu/Sat	Overall
< 2 shifts per day	50 (21%)	68 (29%)	67 (28%)
2 shifts per day	135 (57%)	119 (50%)	106 (45%)
> 2 shifts per day	32 (14%)	24 (10%)	32 (14%)
Other	19 (8%)	25 (11%)	31 (13%)

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Patients per dialysis chair

	Number of HD units	Patients	Ratio for state	Median for unit	Min	Max
NT	5	477	4.5	3.9	2.0	6.5
NSW	68	2373	2.8	2.4	0.3	6.0
VIC	57	1819	3.0	2.9	0.4	6.0
QLD	47	1987	3.1	3.1	0.2	5.3
SA	24	809	3.8	3.7	0.3	7.1
WA	17	940	4.2	4.1	2.2	5.4
TAS	1	77	2.0	2.0	2.0	2.0
ACT	3	101	2.8	2.6	2.5	3.3
NZ	10	647	3.5	3.3	2.2	6.2

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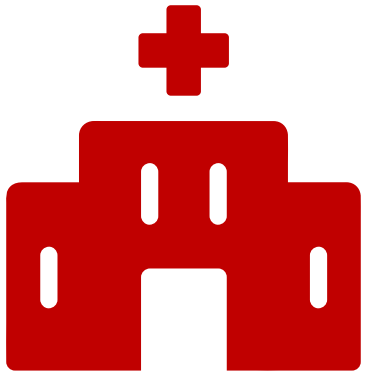
Acute inpatient dialysis



- Acute inpatient dialysis 90/236 (40%)
- Ratio of patient to HD chairs

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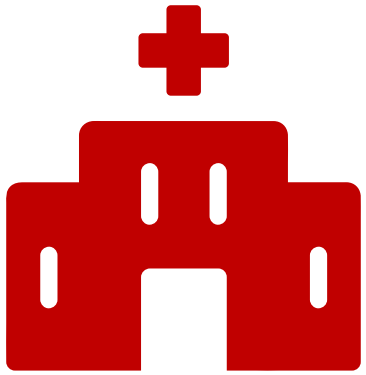

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Nocturnal dialysis

- Nocturnal dialysis 6/236 (3%)

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Do you have any haemodialysis chairs not operational?

- Yes 60/236 (25%)
- No 174/236 (74%)
- Unsure 2/236 (1%)

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Reasons for non-operational chairs	
Both unfunded & unstaffed	15/60 (25%)
Staff shortage	10/60 (17%)
Unfunded	15/60 (25%)
Other	20/60 (33%)

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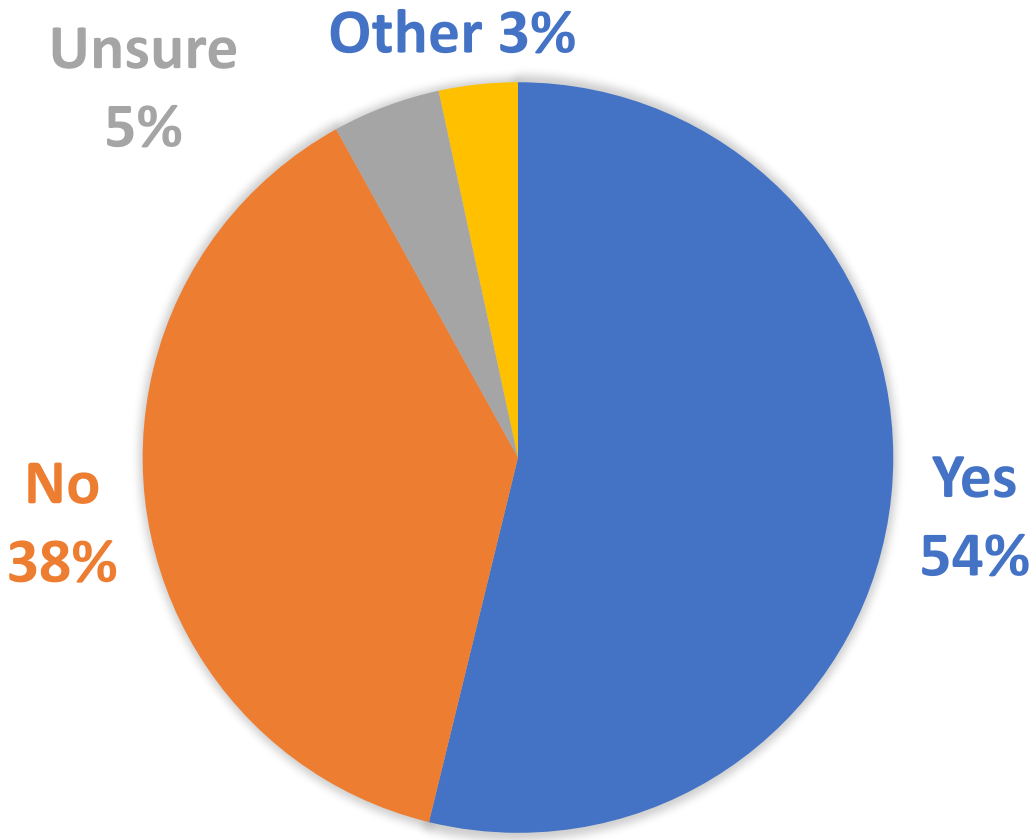
Waiting list for patients to commence dialysis



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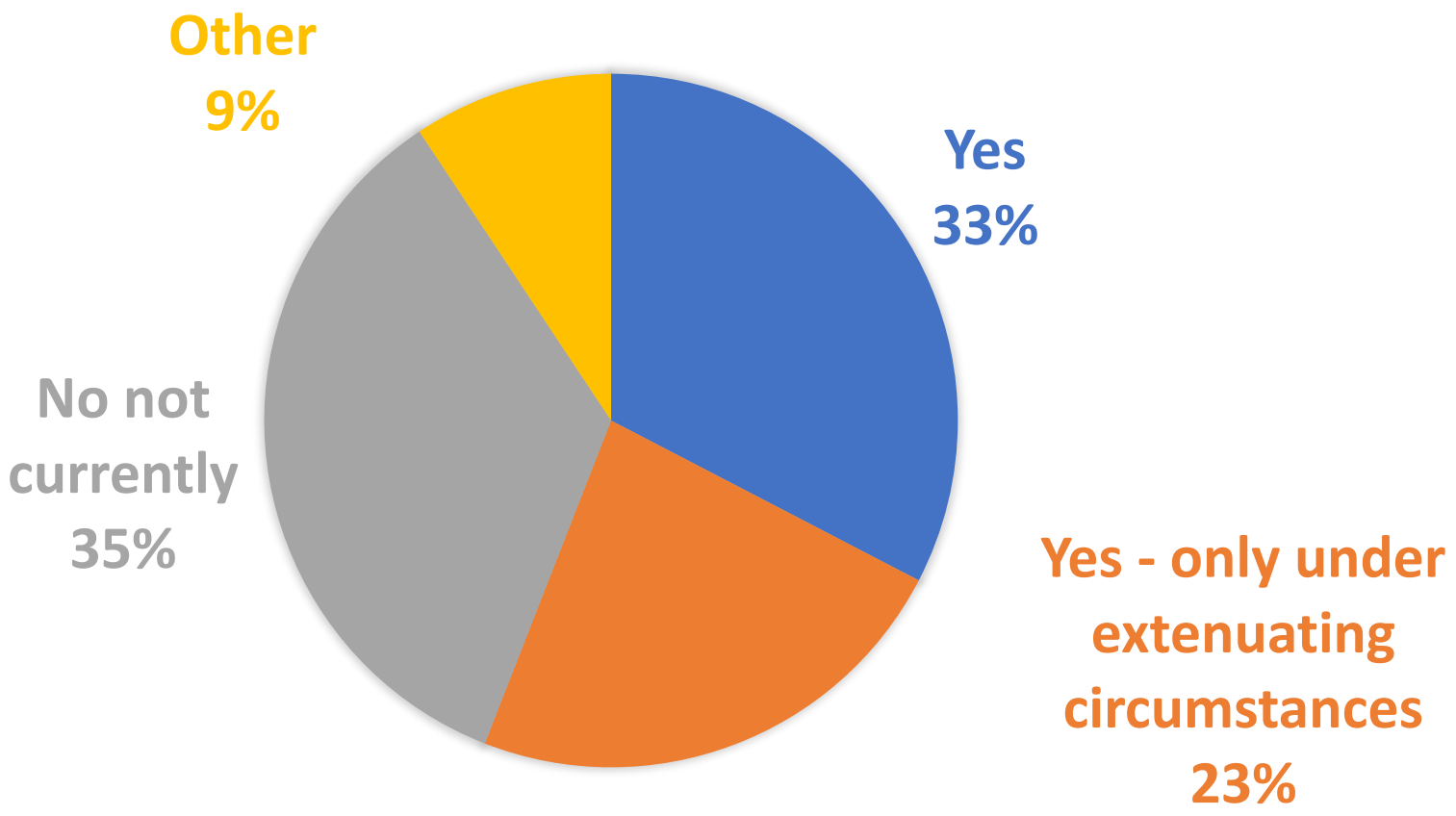
Routinely accept holiday dialysis patients



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Comments

- “We have a long waitlist “
- “We manage patient numbers on a shift-by-shift basis. There is nowhere else for new patients to go.”
- “Daily juggling patients… to accommodate any no show patients/vacancy.”
- “Staffing is difficult”

- “Currently chairs unoccupied so no waitlist required.”
- “Currently operating at 50% capacity”

Limitations

- Does not include short-term haemodialysis patients (<3 months), acute inpatients
- Demand – waiting to start HD, dialysing out of area
- Missing survey responses
  - Nursing staff turnover – incorrect contact details
  - Too busy to fill out survey?

Ngā mihi nui / Thank you

- All dialysis unit nursing managers/CNM/CNC and heads of unit who completed the survey
- All contributing renal units to ANZDATA

Email: eric@anzdata.org.au

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