

3 January 2024

Patients with Kidney Conditions

How many patients within Northern Ireland / Belfast are being treated for chronic kidney disease, acute kidney injury and end-stage renal disease? Information on the age brackets and sex of these patients.

When working on this request, specifically the CKD numbers, advice was sought from one of our Nephrologists:

"It is impossible to get estimates of the number of persons with chronic kidney disease being treated as many such patients are managed in primary care without ever being referred to nephrology. Previous population-based research has suggested that up to 10% of the adult population has CKD of which at least half will have CKD stage 3."

Similarly, it is impossible to accurately estimate AKI numbers from eMed as we tend to only be referred those who may require acute haemodialysis which are, proportionally, a very small fraction of the total number of AKI episodes in inpatients each year. Previous research studies have suggested AKI may complicate up to 25% of inpatient admissions."

However, we are able to extract the current number of patients with the treatment modalities of Hemodialysis and Peritoneal Dialysis for End Stage Renal Disease in NI. Please see below:

Haemodialysis for ESRD

	Totals	Male / Female
Belfast Trust	140	59 Female 81 Male
Northern Trust	126	46 Female 80 Male
Southern Trust	79	33 Female 46 Male
Southeastern Trust	92	33 Female 59 Male

Peritoneal Dialysis for ESRD

	Totals	Male / Female
Belfast Trust	25	11 Female 14 Male
Northern Trust	16	7 Female 9 Male
Southern Trust	8	<5 Female <5 Male
Southeastern Trust	<5	<5 Female <5 Male

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Western Trust	108	45 Female 63 Male
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Western Trust	<5	<5 Female <5 Male
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Haemodialysis for ESRD

Age	Belfast Trust	Northern Trust	Southern Trust	Southeastern Trust	Western Trust
< 20	<5	<5	<5	<5	<5
21 - 30	<5	<5	<5	<5	<5
31 - 40	14	<5	<5	<5	9
41 -50	13	5	7	5	6
51 - 60	20	16	7	10	18
61 - 70	38	33	20	16	18
71 - 80	38	35	28	33	35
81 - 90	16	29	12	25	16
91 >	<5	<5	<5	<5	<5

Peritoneal Dialysis for ESRD

Age	Belfast Trust	Northern Trust	Southern Trust	Southeastern Trust	Western Trust
< 20	<5	<5	<5	<5	<5
21 - 30	<5	<5	<5	<5	<5
31 - 40	<5	<5	<5	<5	<5
41 -50	<5	<5	<5	<5	<5
51 - 60	<5	<5	<5	<5	<5
61 - 70	<5	<5	<5	<5	<5
71 - 80	5	<5	<5	<5	<5
81 - 90	7	6	<5	<5	<5
91 >	<5	<5	<5	<5	<5

Where numbers are low we have indicated <5 rather than give the exact figure. We feel that providing the exact figure has the potential to make people identifiable and so that information is exempt from release under Section 40(2) of the Freedom of Information Act 2000.