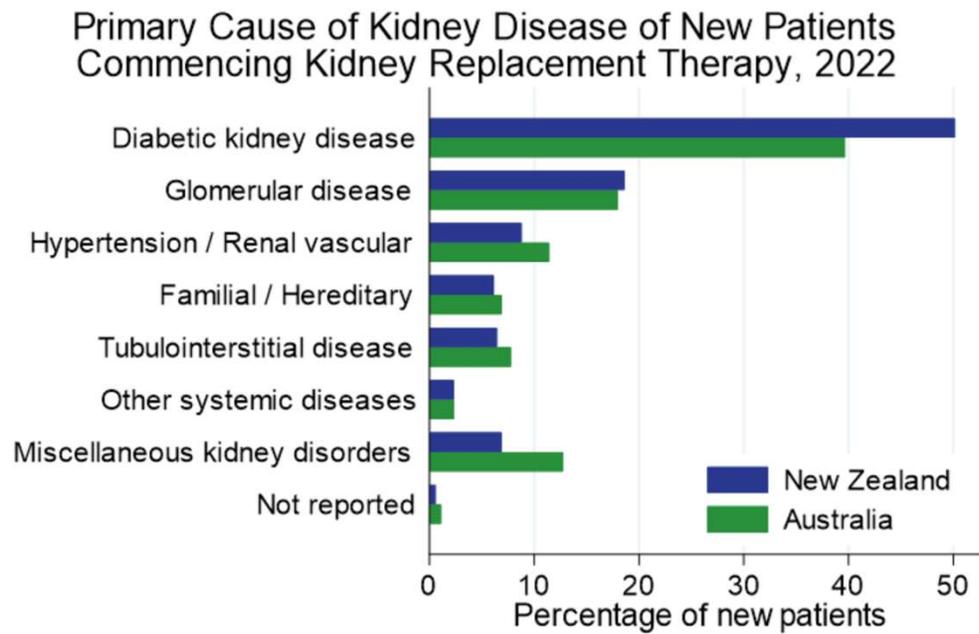


Aotearoa Data



2023 ANZDATA Annual Report, Figure 9.3

Primary Renal Disease

The primary renal diseases of incident New Zealand patients over 2014-2018 are shown in table 9.3. Māori and Pasifika peoples experience diabetes at a substantially higher rate than non-Māori, non-Pasifika patients.

Table 9.3 Primary Renal Disease of New Patients New Zealand 2014-2018

Primary Renal Disease	Non-Māori, non-Pasifika	Māori	Pasifika
Diabetic Nephropathy	382 (28%)	616 (70%)	463 (70%)
Glomerulonephritis	344 (25%)	123 (14%)	89 (13%)
Hypertension	176 (13%)	40 (5%)	34 (5%)
Polycystic Disease	111 (8%)	11 (1%)	9 (1%)
Reflux Nephropathy	48 (4%)	8 (1%)	6 (1%)
Other	241 (18%)	59 (7%)	50 (8%)
Uncertain	61 (4%)	19 (2%)	14 (2%)
Not reported	7 (1%)	4 (<1%)	1 (<1%)
Total	1370	880	666

Prevalent Dialysis Mortality 2022 New Zealand Patients vs General Population

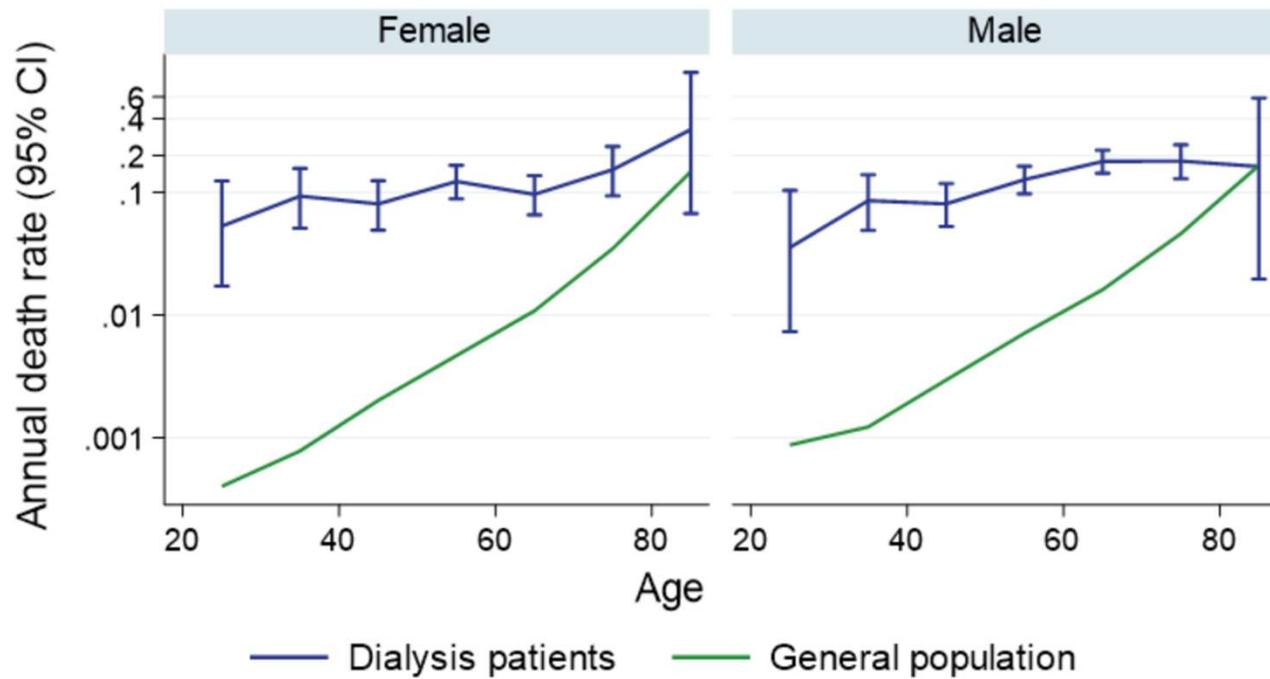
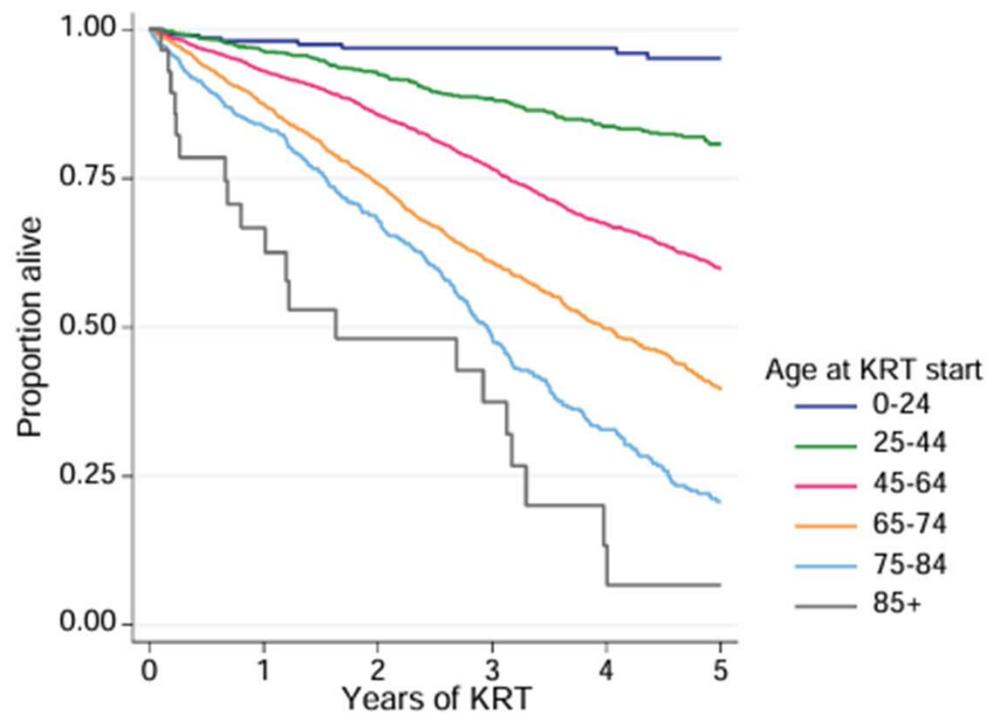


Figure 3.1.2 - Survival on Kidney Replacement Therapy - New Zealand 2012-2021



Years of KRT

Years of KRT

Table 3.1 Survival (95% CI) Among People Who Commenced Kidney Replacement Therapy 2012-2021

Age at KRT start	Years	Australia	New Zealand
0-24	1	98 (97, 99)	98 (95, 99)
	2	97 (95, 98)	97 (93, 99)
	5	94 (92, 95)	95 (90, 98)
25-44	1	96 (96, 97)	96 (95, 97)
	2	93 (92, 93)	93 (90, 94)
	5	84 (82, 85)	81 (77, 84)
45-64	1	94 (93, 94)	93 (92, 94)
	2	87 (87, 88)	86 (84, 87)
	5	69 (68, 70)	60 (58, 62)
65-74	1	89 (89, 90)	87 (86, 89)
	2	79 (78, 80)	74 (72, 76)
	5	52 (51, 53)	40 (36, 43)
75-84	1	84 (83, 85)	84 (80, 87)
	2	72 (70, 73)	68 (63, 72)
	5	35 (33, 37)	21 (16, 26)
85+	1	80 (77, 83)	67 (46, 81)
	2	60 (56, 65)	48 (27, 66)
	5	22 (17, 26)	7 (0, 25)

Table 3.2 Death Rates per 100 patient-years during Kidney Replacement Therapy - 2021

Category	Level	Dialysis			Transplant		
		Rate	Lower CI	Upper CI	Rate	Lower CI	Upper CI
Country	Australia	8.0	7.5	8.4	2.4	2.1	2.7
	New Zealand	10.3	9.2	11.5	2.1	1.5	2.8
Age	<25	2.3	0.8	4.9	0.3	0.0	1.1
	25-44	3.1	2.4	3.9	0.6	0.3	0.9
	45-64	7.6	6.9	8.2	1.4	1.1	1.7
	65-84	10.3	9.6	11.0	5.4	4.7	6.1
	85+	12.9	10.2	16.0	12.2	4.5	26.6
Diabetes status	Non-diabetic	6.0	5.5	6.6	1.7	1.4	1.9
	Type 1 diabetes	10.6	8.4	13.2	2.5	1.6	3.8
	Type 2 diabetes	10.3	9.7	11.0	4.1	3.5	4.8
Coronary disease	No	5.6	5.2	6.1	1.6	1.4	1.9
	Yes	12.3	11.5	13.1	5.0	4.3	5.9

Table 3.3 Median Survival on Dialysis by Age 2012-2021

Country	Age at start	Median (25th and 75th centiles), years
Australia	0-24	* (6.8, *)
	25-44	8.9 (5.0, *)
	45-64	6.4 (3.3, *)
	65-74	4.8 (2.3, 7.8)
	75-84	3.6 (1.8, 6.2)
	85+	2.6 (1.3, 4.6)
New Zealand	0-24	9.5 (9.0, 9.5)
	25-44	8.9 (4.9, *)
	45-64	5.2 (2.9, 8.3)
	65-74	3.8 (1.9, 6.5)
	75-84	3.0 (1.5, 4.5)
	85+	1.6 (0.7, 3.3)

Table 3.4 Survival on Dialysis by Age and Comorbidity Amongst Older People; Years (Median, 25th and 75th centiles) 2012-2021

Age at Start	Any Vascular Disease	Diabetes	Australia	New Zealand
65-69	No	No	6.0 (3.3, *)	6.1 (2.6, *)
	No	Yes	5.5 (3.1, 8.2)	4.6 (2.4, 7.4)
	Yes	No	4.4 (1.6, 7.6)	4.3 (1.8, *)
	Yes	Yes	4.2 (2.1, 6.9)	3.3 (1.7, 5.8)
70-74	No	No	6.2 (2.9, *)	4.4 (2.1, 6.7)
	No	Yes	5.5 (2.7, 8.0)	4.8 (2.3, 8.0)
	Yes	No	4.7 (2.1, 7.8)	2.6 (1.5, 4.8)
	Yes	Yes	3.8 (1.8, 6.7)	3.2 (1.5, 5.5)
75-79	No	No	4.7 (2.6, 7.2)	3.6 (2.3, 5.7)
	No	Yes	4.5 (2.2, 7.0)	3.5 (2.6, 6.5)
	Yes	No	3.7 (1.7, 6.5)	3.0 (1.3, 4.6)
	Yes	Yes	3.2 (1.4, 5.4)	2.8 (1.4, 3.8)
80-84	No	No	3.6 (1.8, 5.9)	4.1 (1.2, 5.0)
	No	Yes	3.6 (1.8, 5.3)	2.4 (0.7, 6.5)
	Yes	No	3.5 (1.5, 6.2)	2.4 (1.4, 4.2)
	Yes	Yes	3.0 (1.4, 4.8)	1.6 (0.6, 3.1)
85+	No	No	2.9 (1.6, 6.0)	4.0 (0.2, 4.0)
	No	Yes	3.7 (1.9, 5.6)	1.0 (0.7, 1.6)
	Yes	No	2.4 (1.0, 4.7)	1.2 (0.7, 3.1)
	Yes	Yes	2.2 (1.2, 4.4)	2.7 (0.3, 5.0)