



NRO



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**HSE National Clinical Lead
for Renal Services
National Renal Office**



**Provision of kidney replacement therapy in Ireland -
2022 update – Prevalence and Growth**


**NATIONAL RENAL OFFICE
Clinical Programme 2022 update**



Legend of Tables

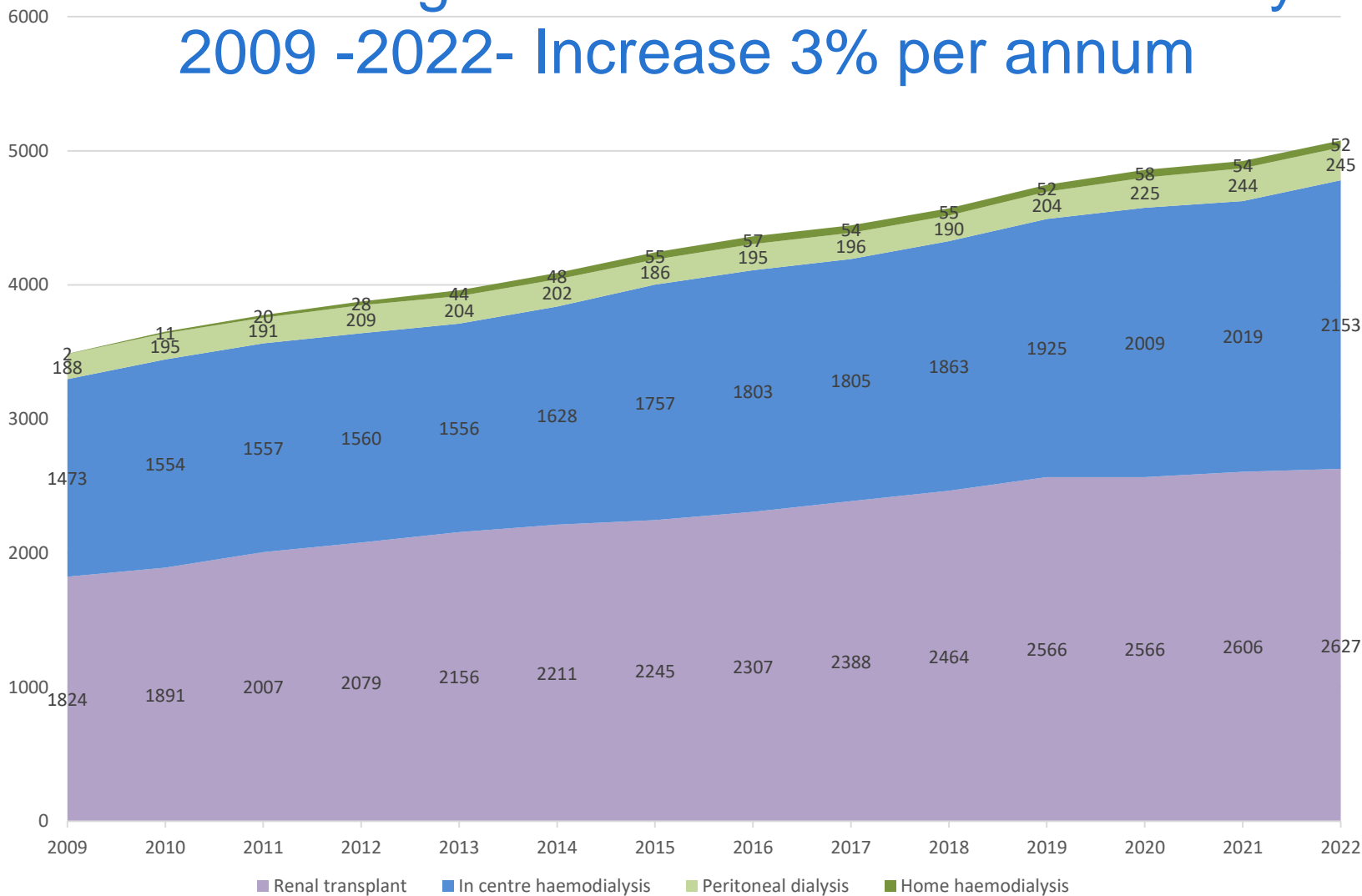
- **Patients treated with in-Centre Haemodialysis - Blue**
 - Parent Renal Unit 
 - HSE satellite Unit 
 - HSE contracted Unit 

- **Patients treated by Home Dialysis Therapy - Green**
 - Peritoneal Dialysis 
 - Home Haemodialysis 

- **Patients treated by Kidney Transplant - Purple** 



Annual Changes in ESKD treatment modality 2009 -2022- Increase 3% per annum





Changing pattern

- Change from 31/12/2019 to 31/12/2022
 - compared to previous 10 years

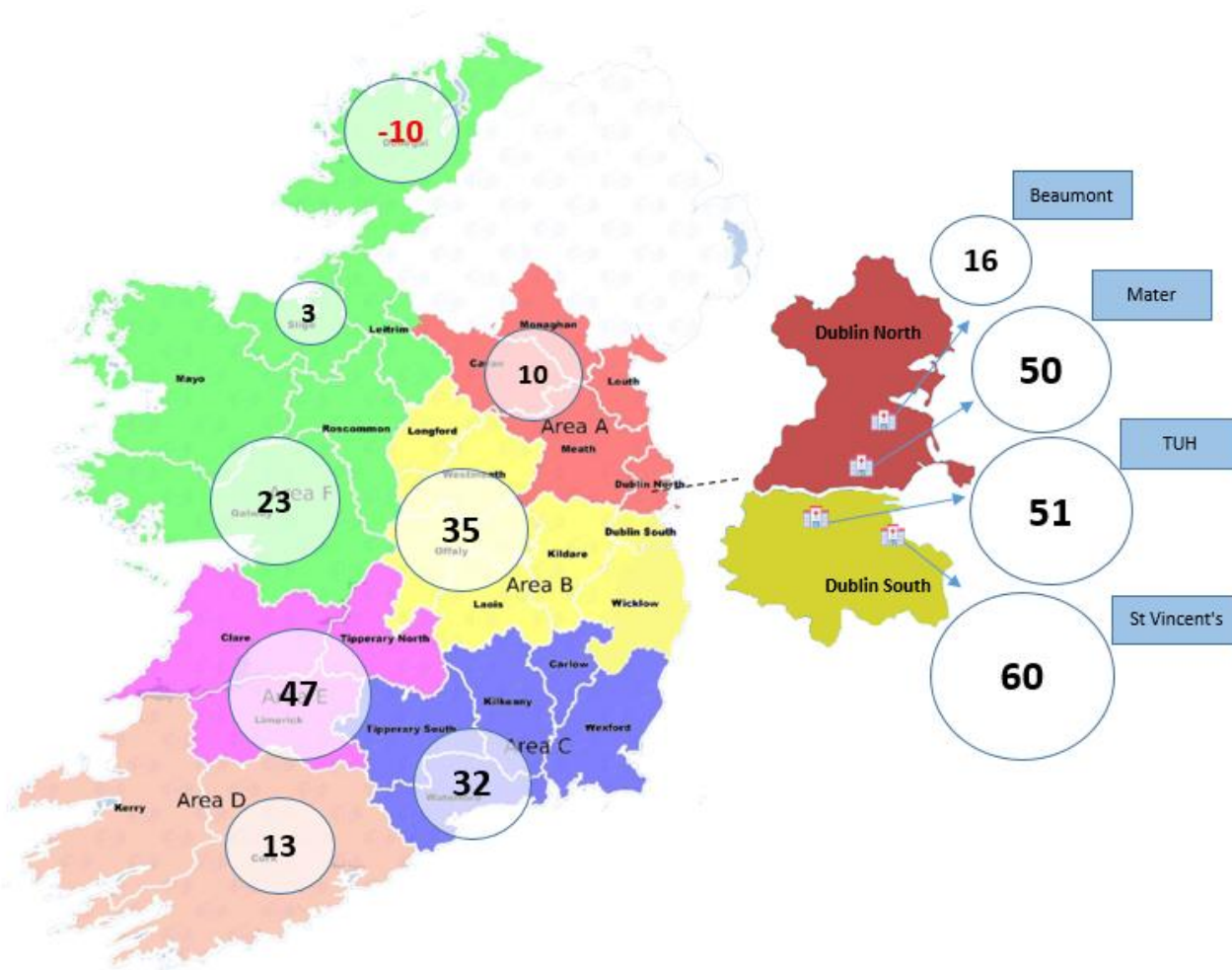
Total ESKD 330 Adult patients - (Predicted 378)

- In Centre – Haemodialysis
 - 228 additional HD – (Predicted 135)
- Home Dialysis
 - 41 additional PD – (Predicted 6 PD/15HHD)
- Transplantation
 - 61 additional patients – (Predicted 222)

Impact on service planning

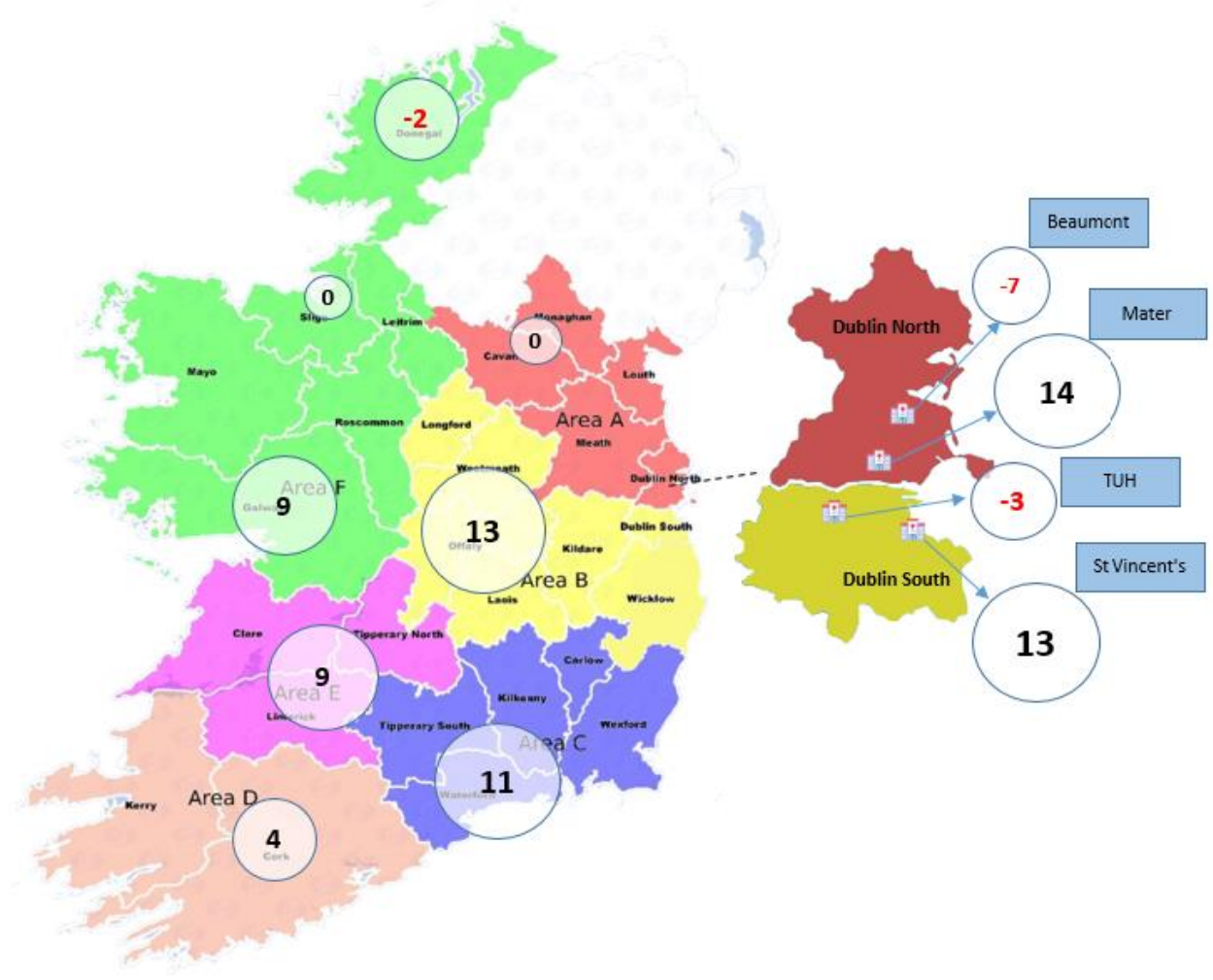


Change in the prevalence of total ESKD from 31/12/19 to 31/12/2022



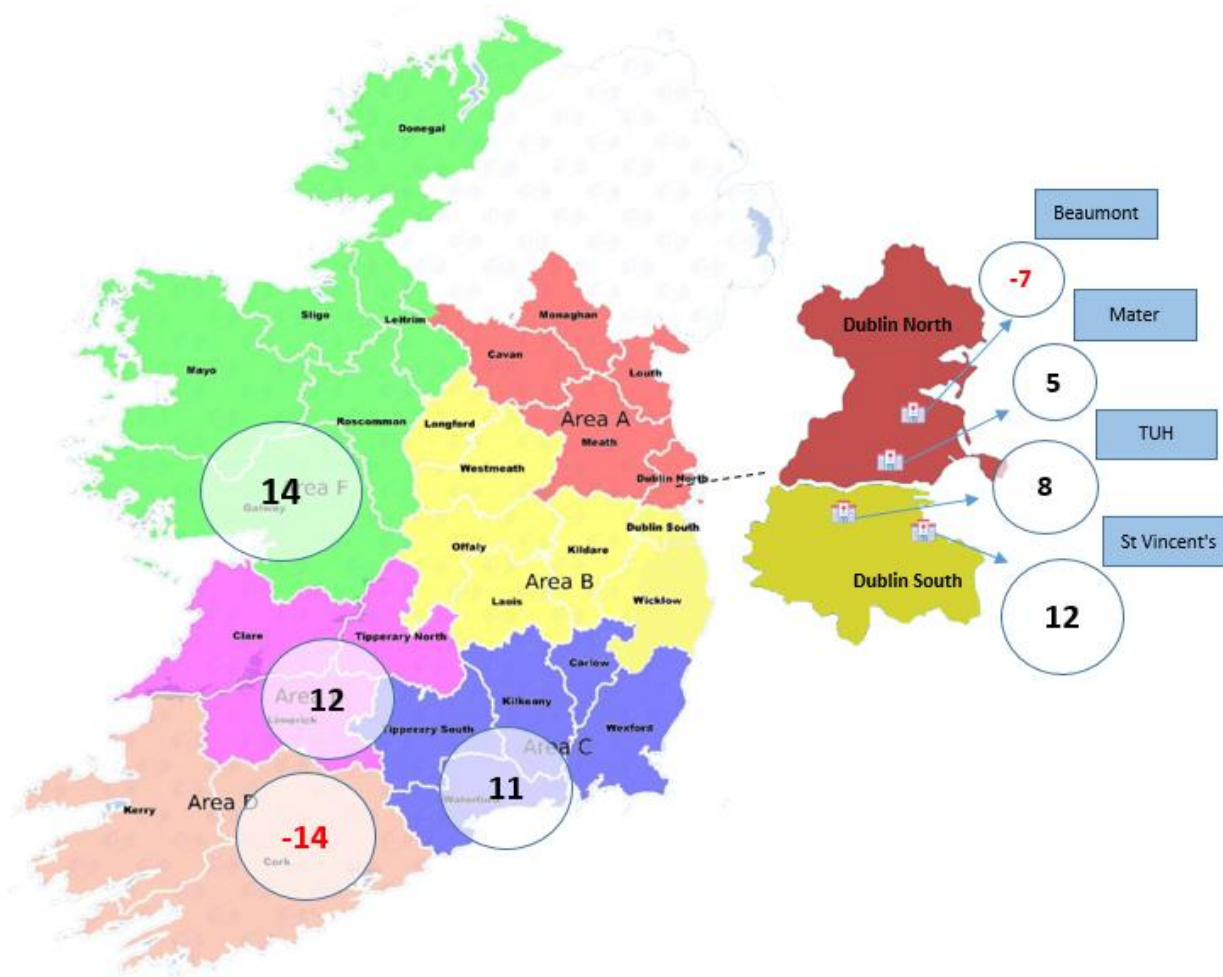


Change in the prevalence of transplant care from 31/12/19 to 31/12/2022



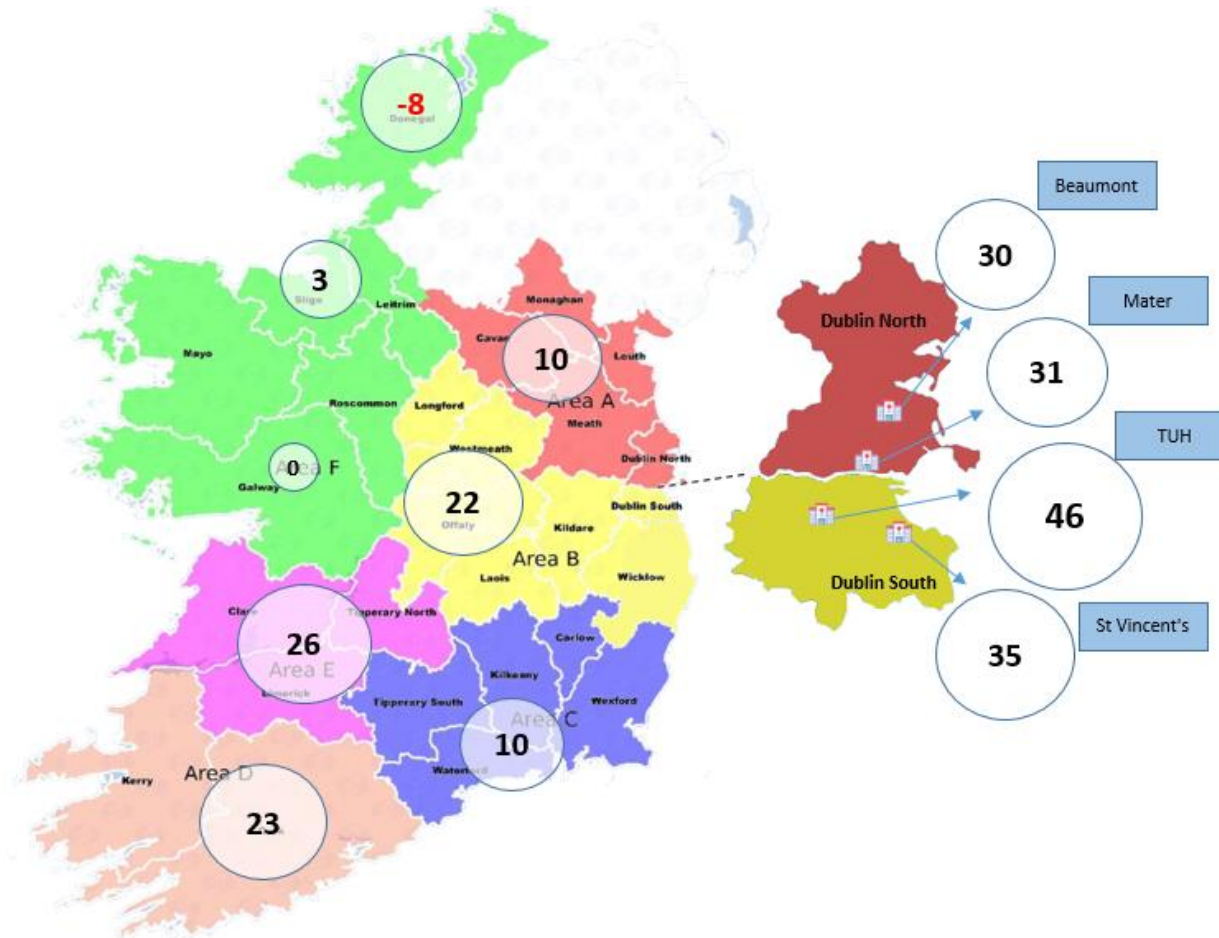


Change in the prevalence of home therapies from 31/12/19 to 31/12/2022





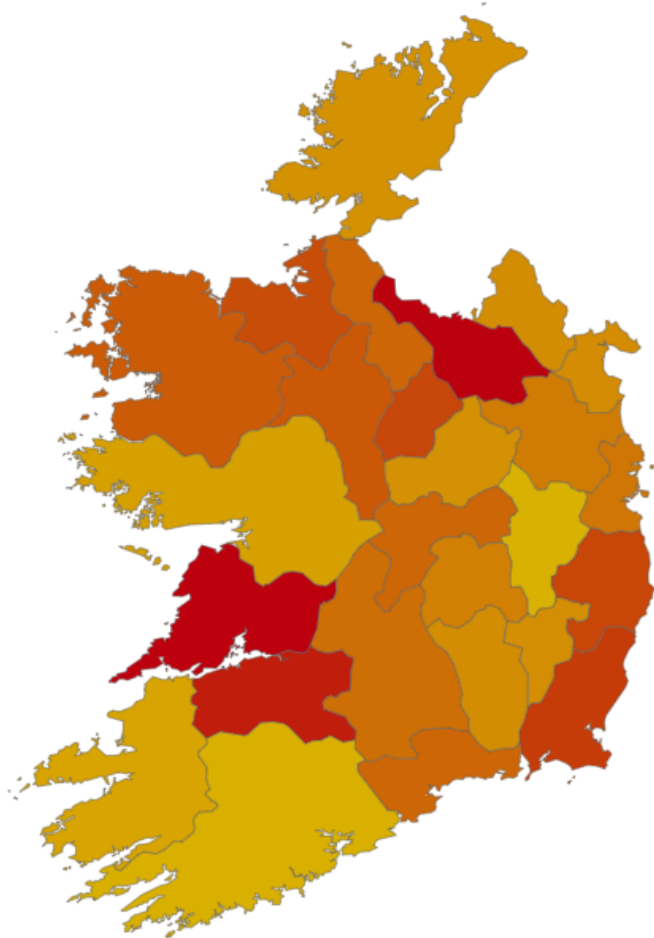
Change in the prevalence of in centre Haemodialysis from 31/12/19 to 31/12/2022





Population rate of Haemodialysis patients by county per 100,000

Rate of HD patients by County per 100,000



County	Rate per 100000
Clare	69.86
Cavan	69.58
Limerick	64.14
Wexford	58.11
Longford	56.27
Wicklow	56.17
Sligo	54.93
Roscommon	52.68
Mayo	52.10
Offaly	50.03
Leitrim	49.93
Waterford	49.92
Tipperary	48.26
Dublin	46.83
Meath	45.63
Laois	44.87
Louth	42.67
Monaghan	42.35
Kilkenny	42.33
Carlow	42.16
WestMeath	41.68
Donegal	41.46
Galway	38.75
Kerry	37.91
Cork	35.55
Kildare	35.50
Down	0.19

County	Count
Dublin*	631
Cork	193
Limerick	125
Galway	100
Meath	89
Wexford	87
Clare	83
Wicklow	80
Kildare	79
Tipperary	77
Mayo	68
Donegal	66
Waterford	58
Kerry	56
Louth	55
Cavan	53
Kilkenny	42
Offaly	39
Laois	38
WestMeath	37
Sligo	36
Roscommon	34
Monaghan	26
Carlow	24
Longford	23
Leitrim	16
Down	1

*959 HD patients



Impact on service planning

- Increasing Capacity 2019-2022
 - Increase in HD contracted unit stations
 - Increase in Parent Renal Unit – MMUH & TUH
- Future plans
 - New HSE contracted units – Ennis
 - Potential new sites – Cork/Leinster
 - Upgrade Parent Renal units
 - Develop Home Therapies – Incl Assisted PD

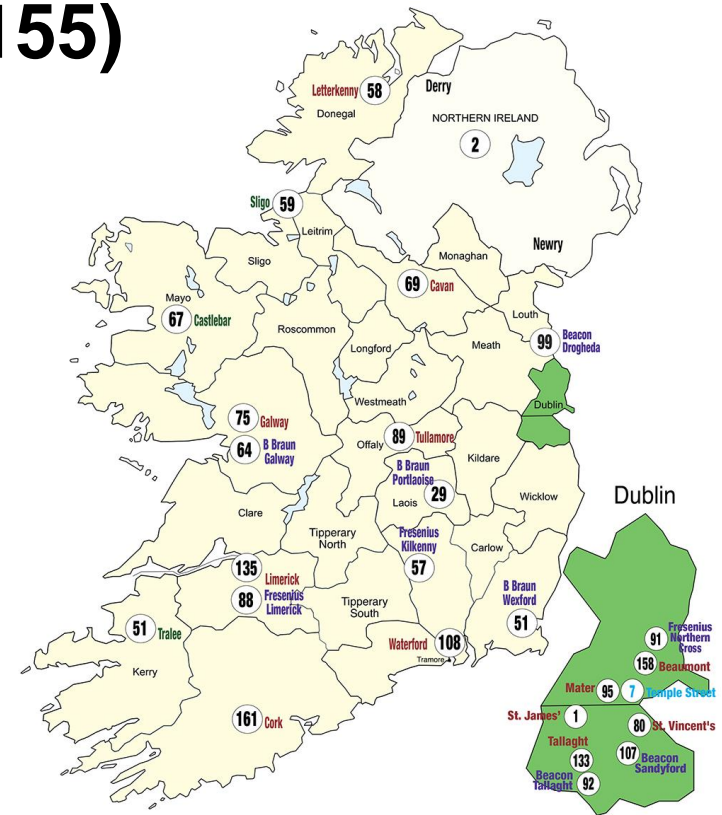


ESKD prevalence

Adult Patients 31/12/2022

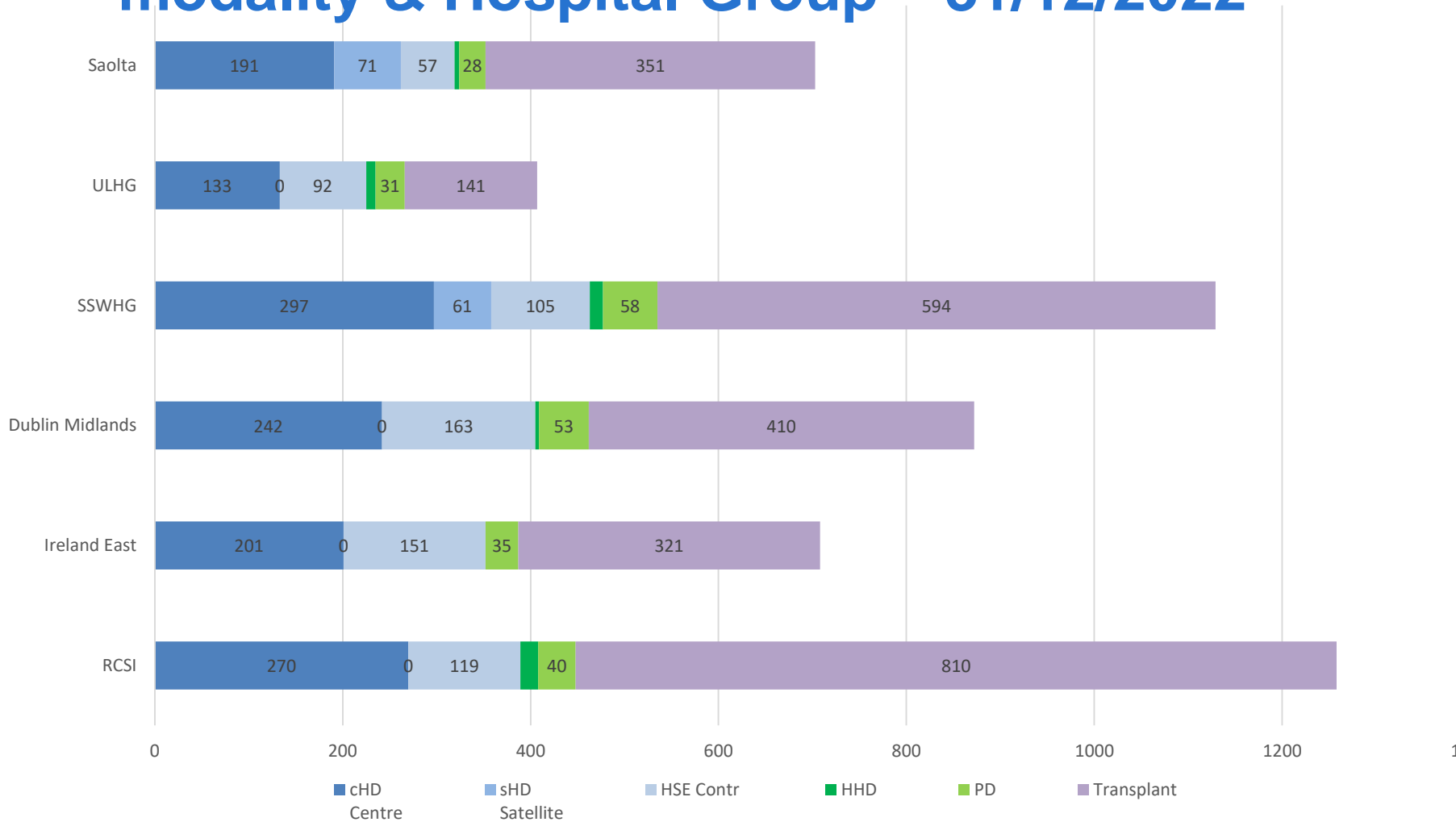
Total	ESKD	5077 (+ 155)
42%	HD	2153 (+134)
	HSE	1466 (+127)
	Contracted	687 (+7)
6%	PD/HHD	297 (-1)
52%	TX	2627 (+21)

Patient growth = 3%
HD + 6.7%
PD/HHD - 0.4%
TX + 0.9%



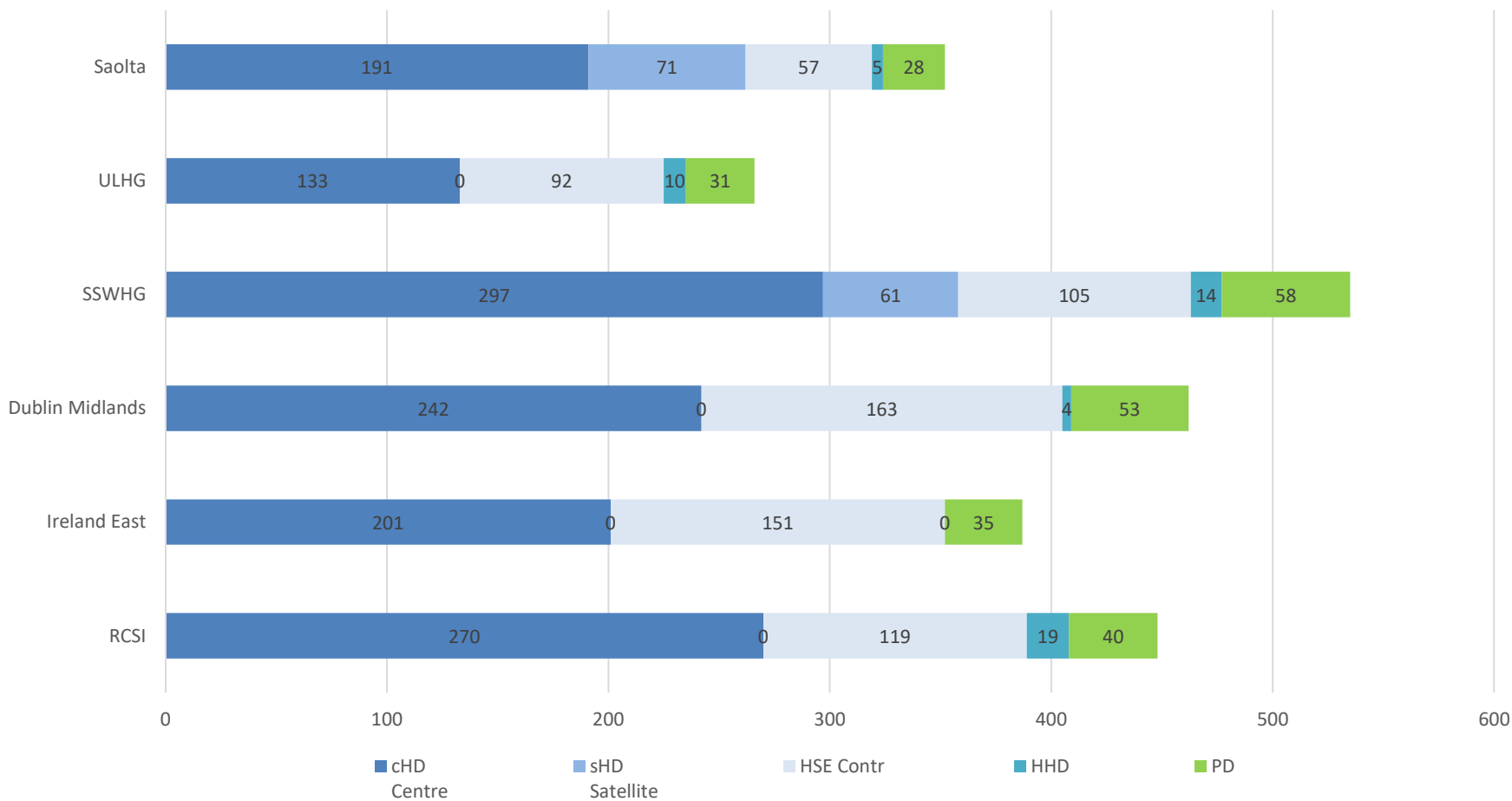


Patient Numbers - ESKD Prevalence by modality & Hospital Group – 31/12/2022



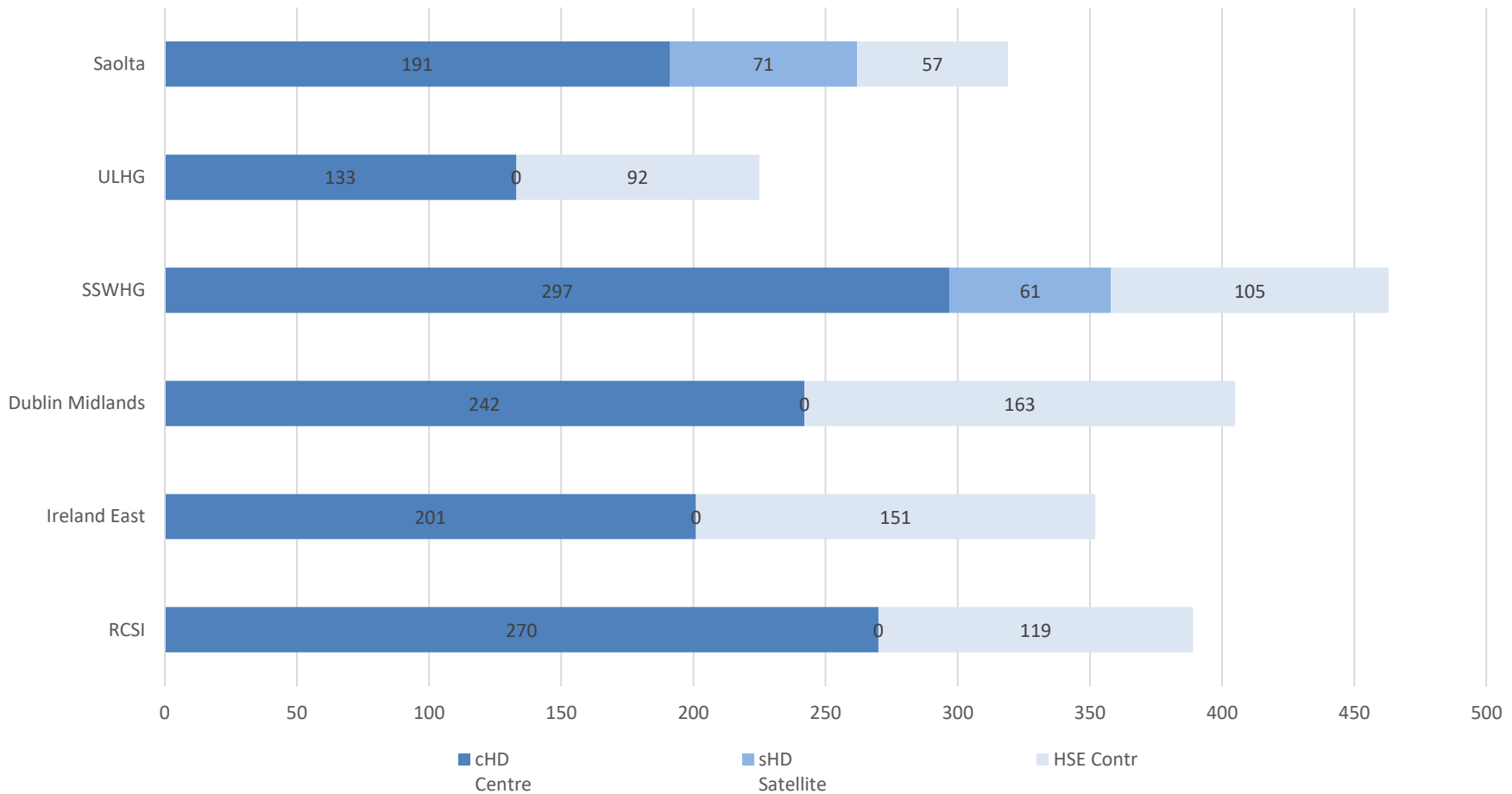


Patient Numbers - Dialysis Prevalence by modality & hospital Group – 31/12/2022



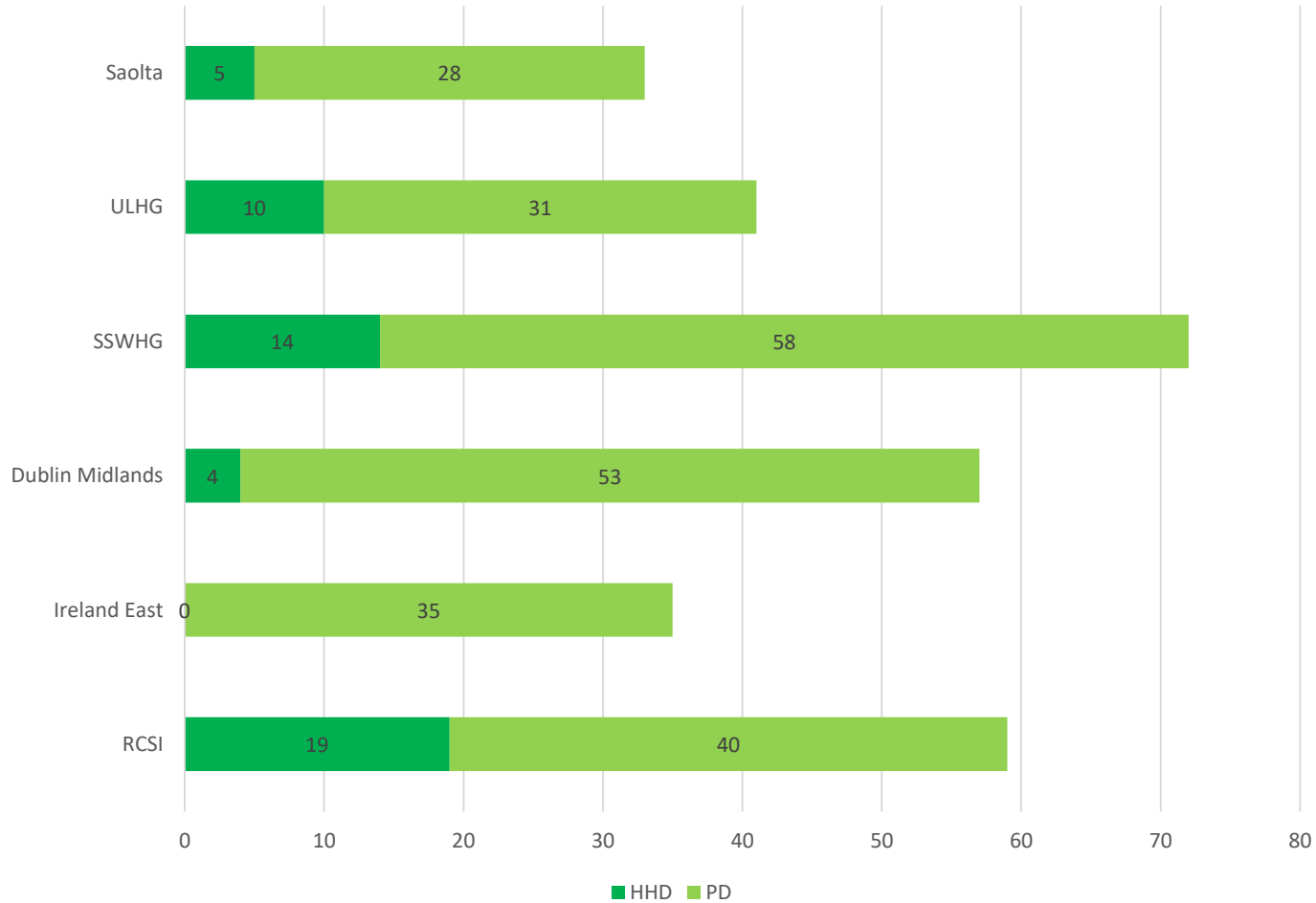


Patient Numbers - Haemodialysis Prevalence by modality & hospital Group – 31/12/2022



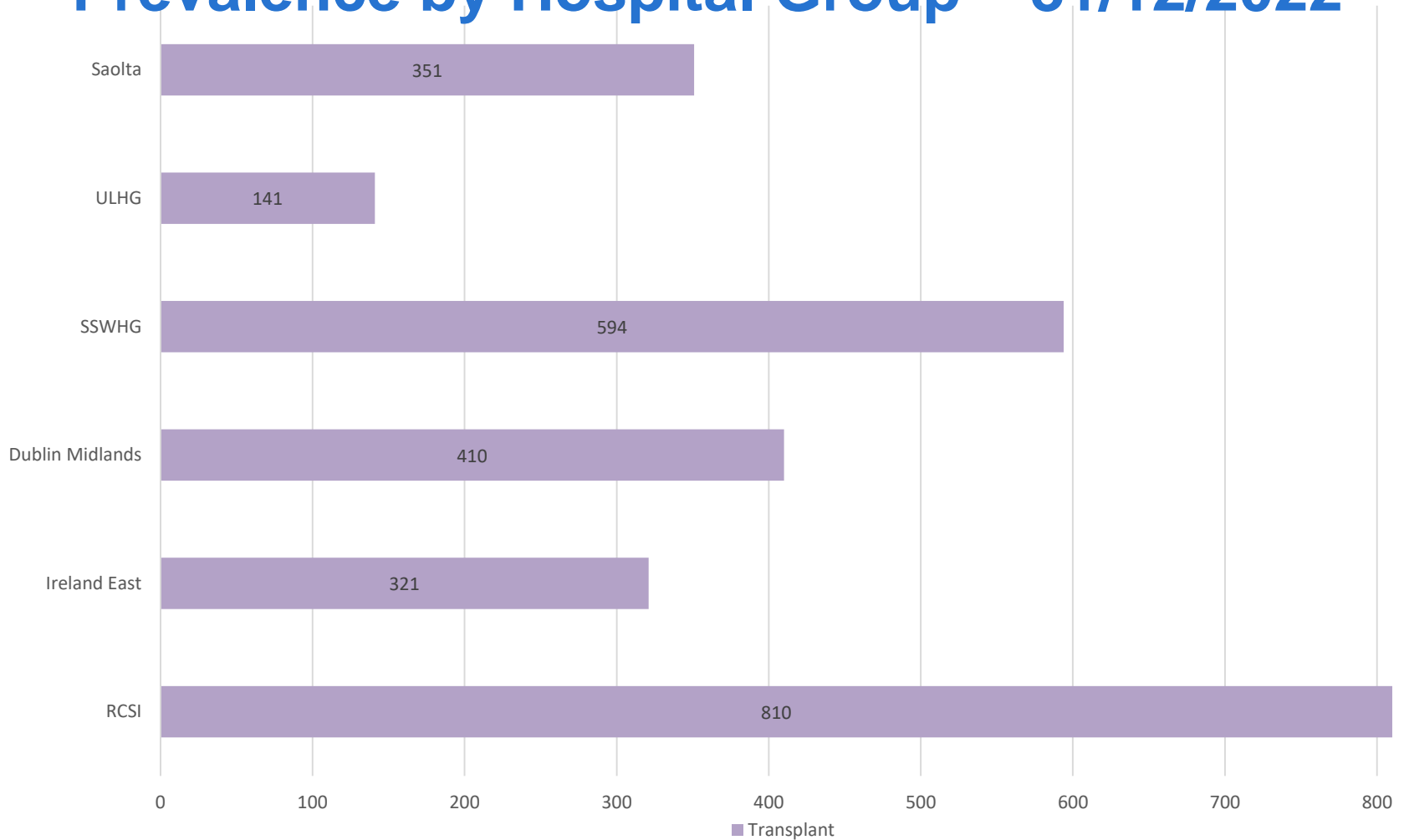


Patient Numbers - Home Dialysis Prevalence by modality & hospital Group – 31/12/2022



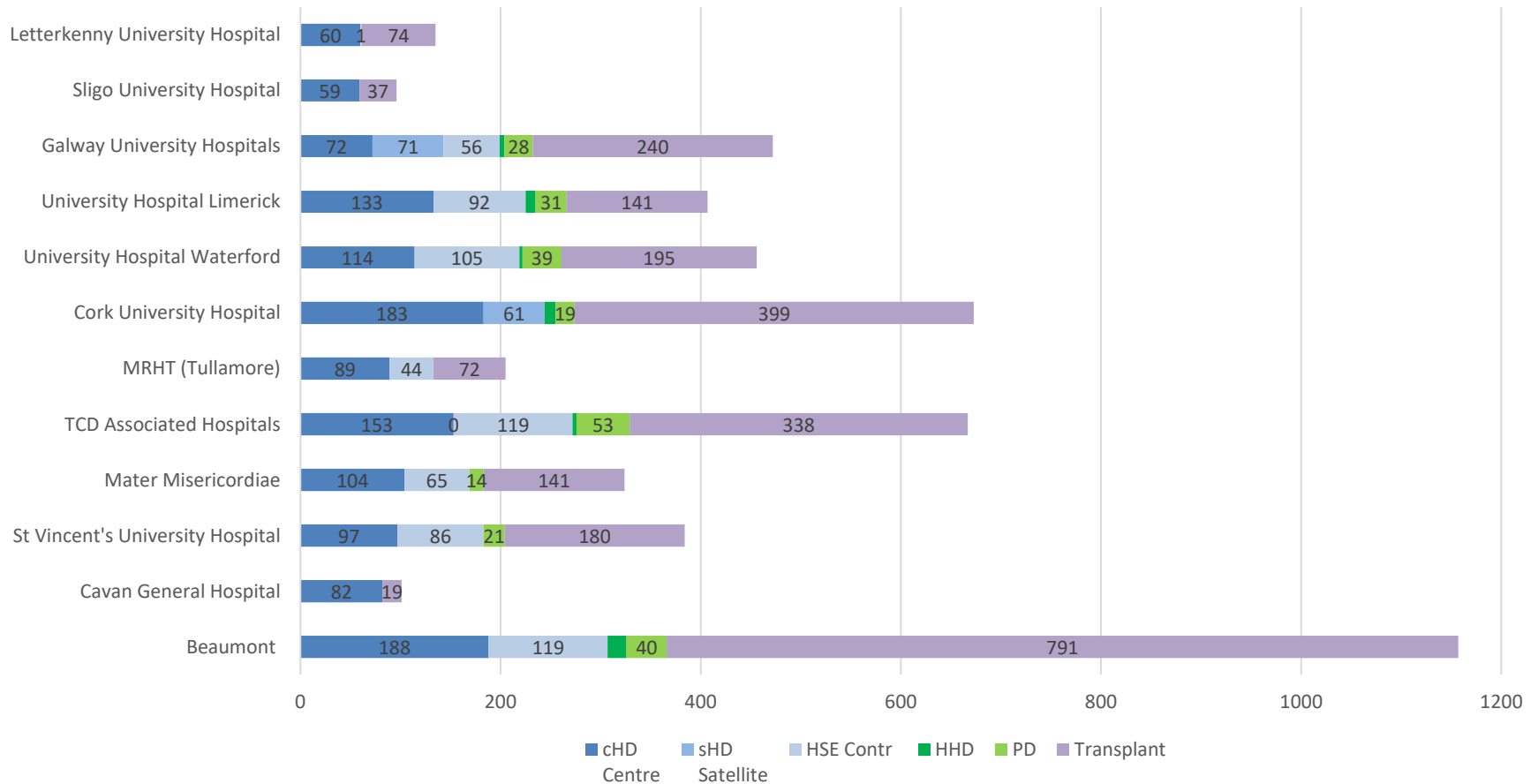


Patient Numbers - Renal Transplant Prevalence by Hospital Group – 31/12/2022



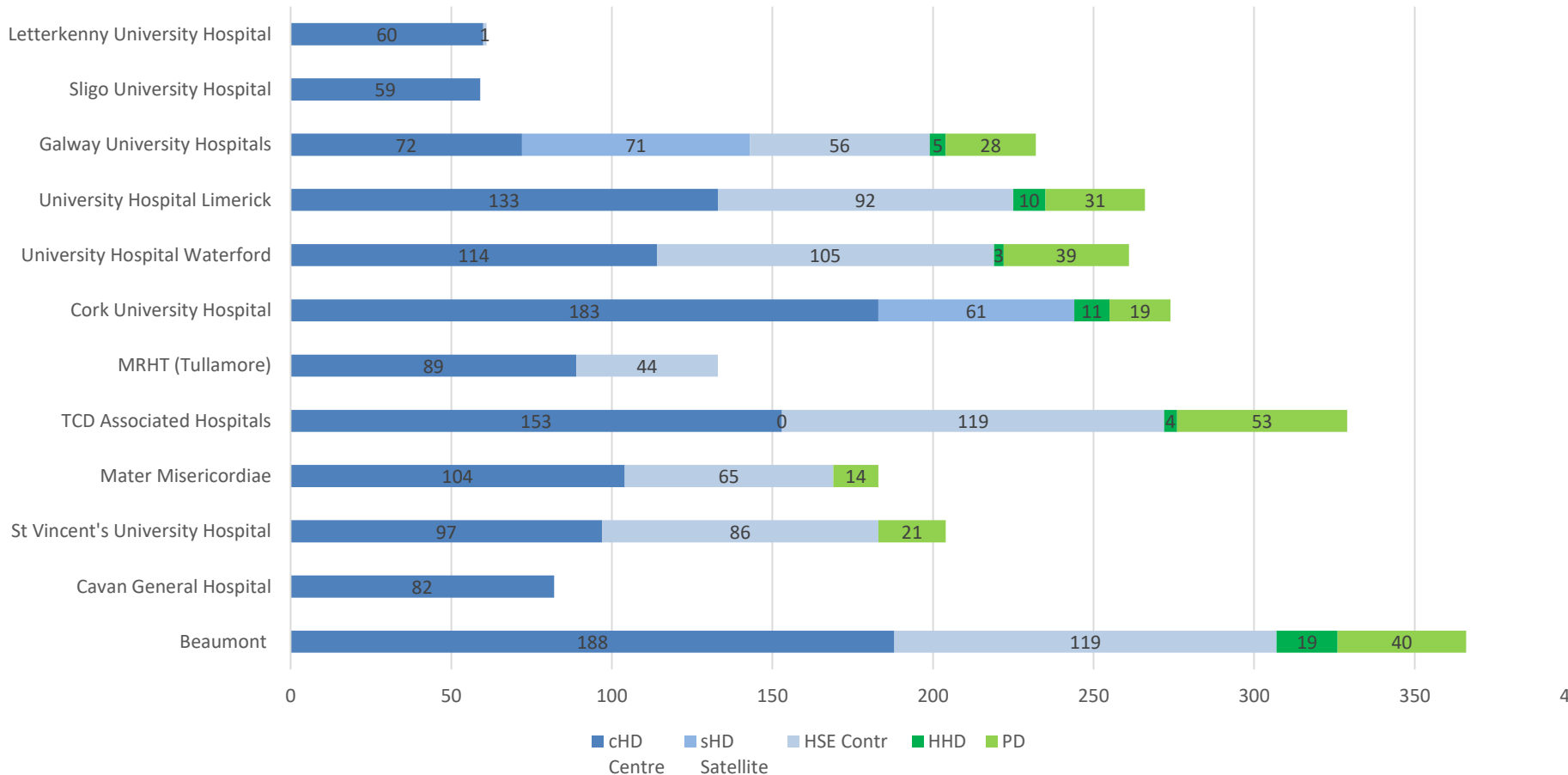


Patient Numbers - ESKD Prevalence by modality & Hospital – 31/12/2022



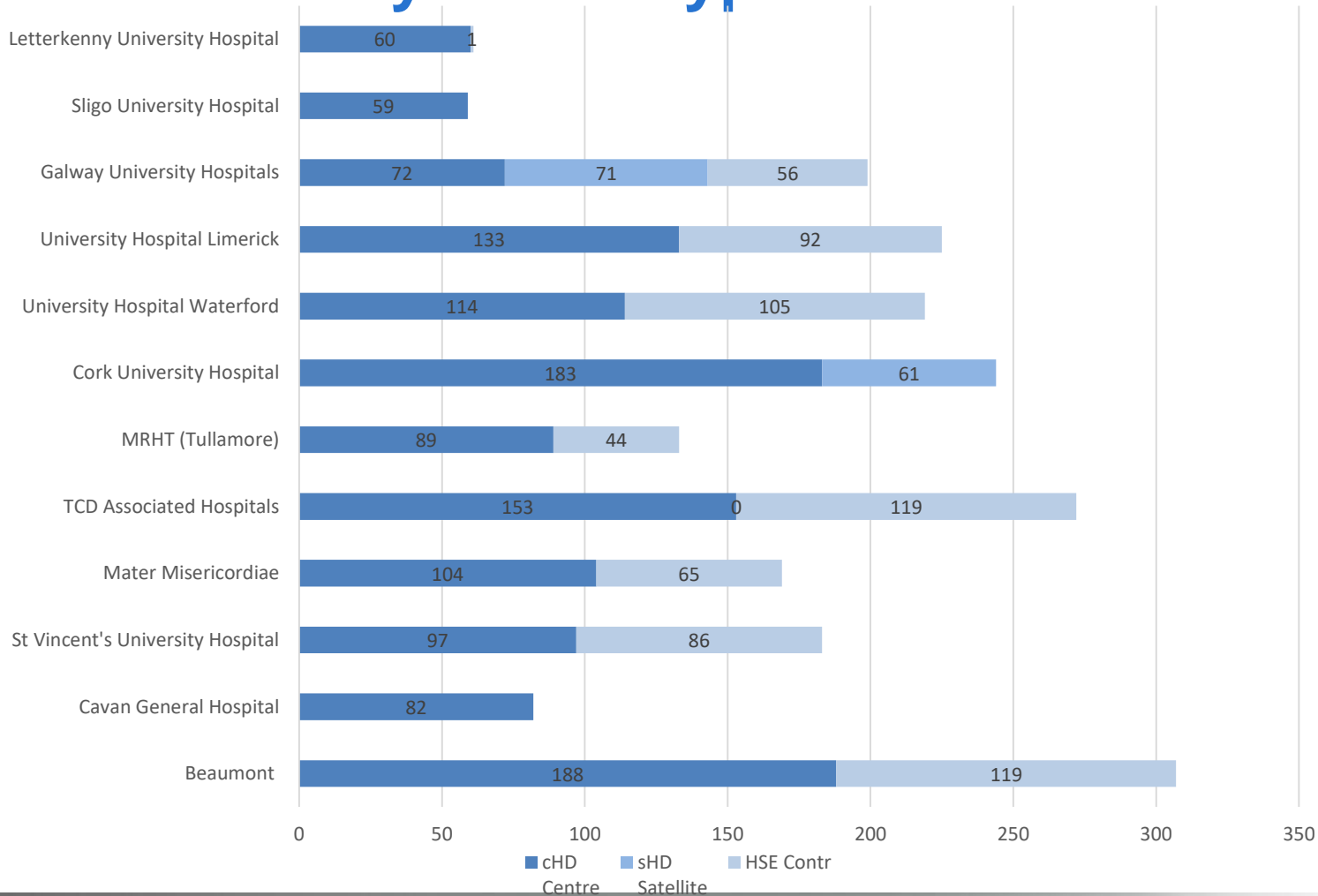


Patient Numbers - Dialysis Prevalence by modality & Hospital – 31/12/202



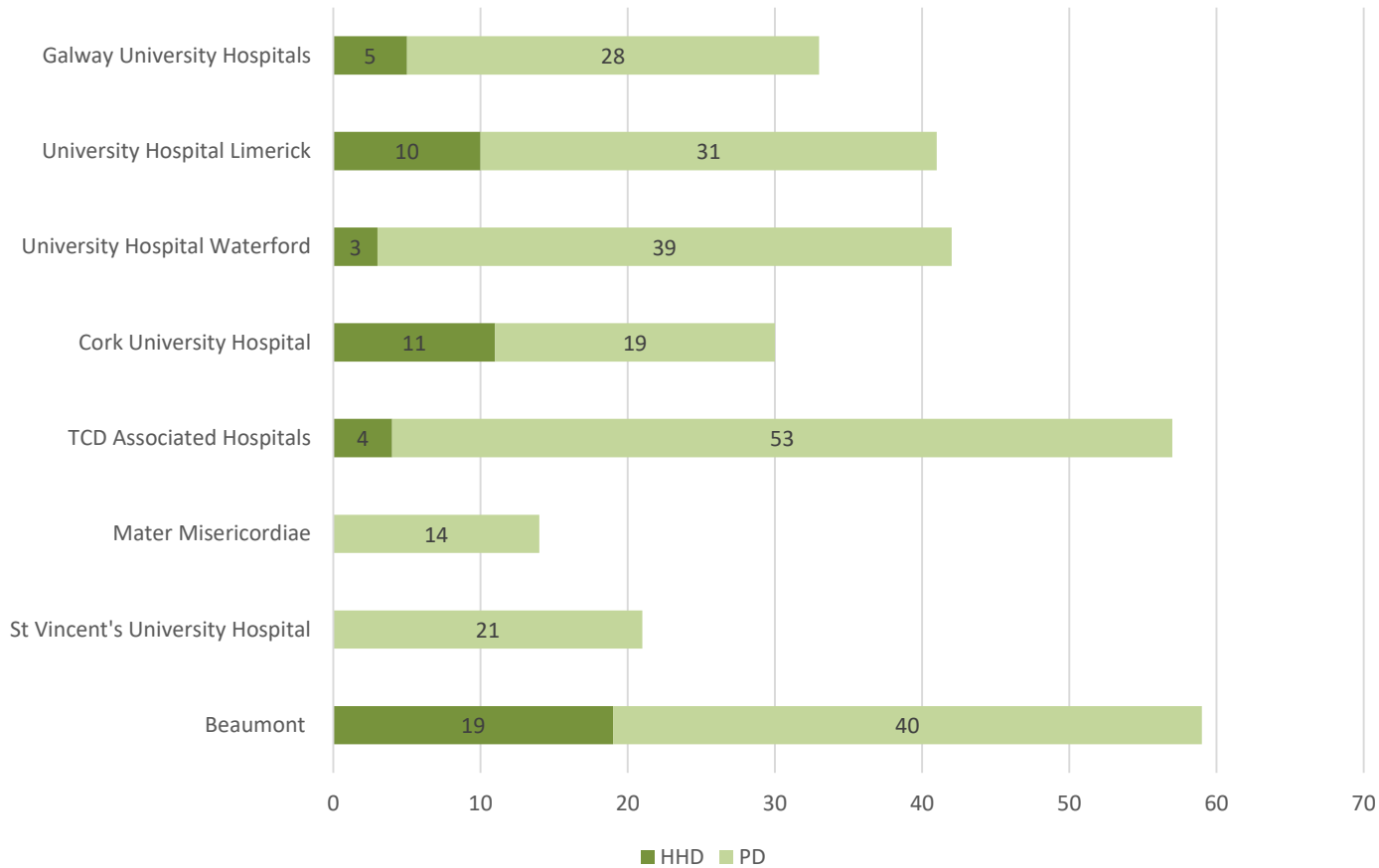


Patient Numbers - Haemodialysis Prevalence by centre type – 31/12/2022





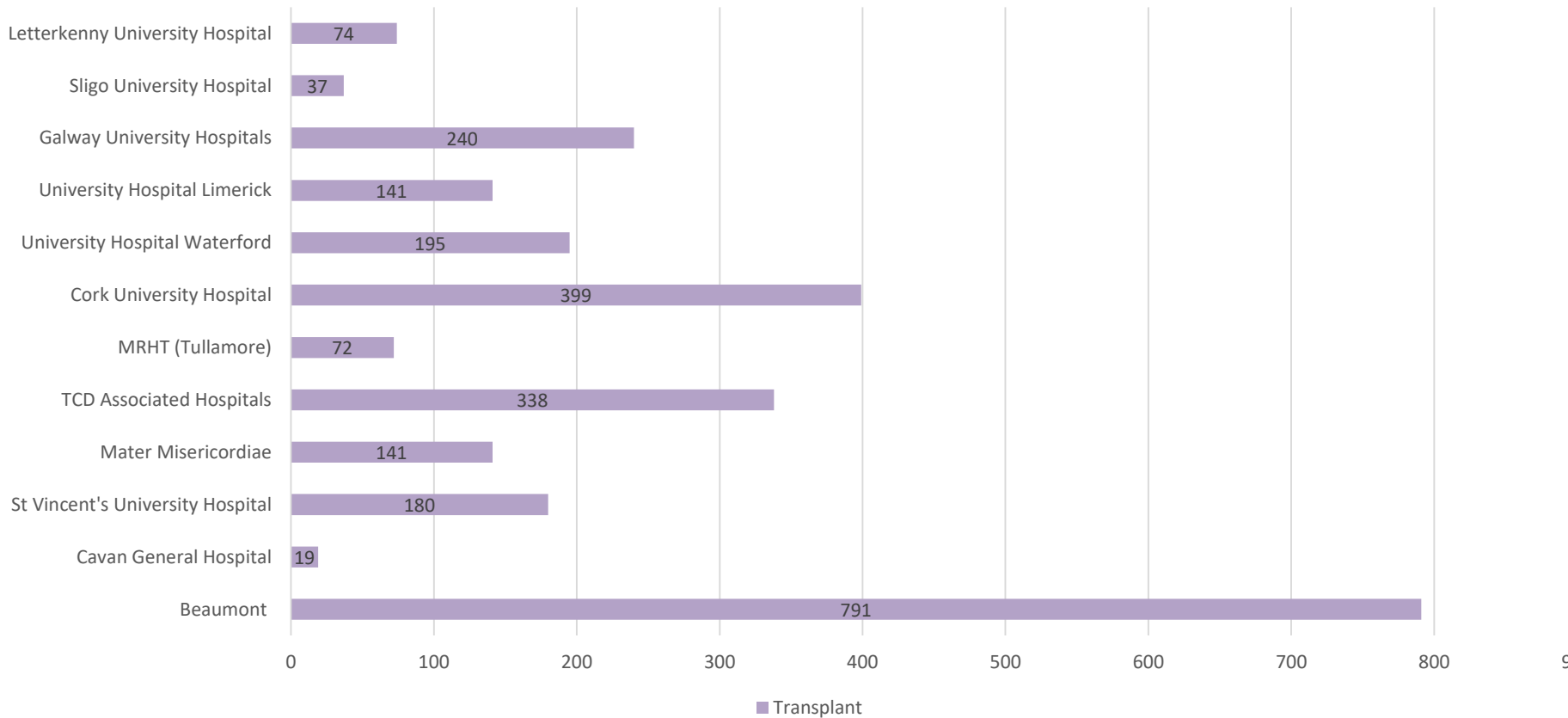
Patient Numbers - Home Dialysis Prevalence by centre – 31/12/2022





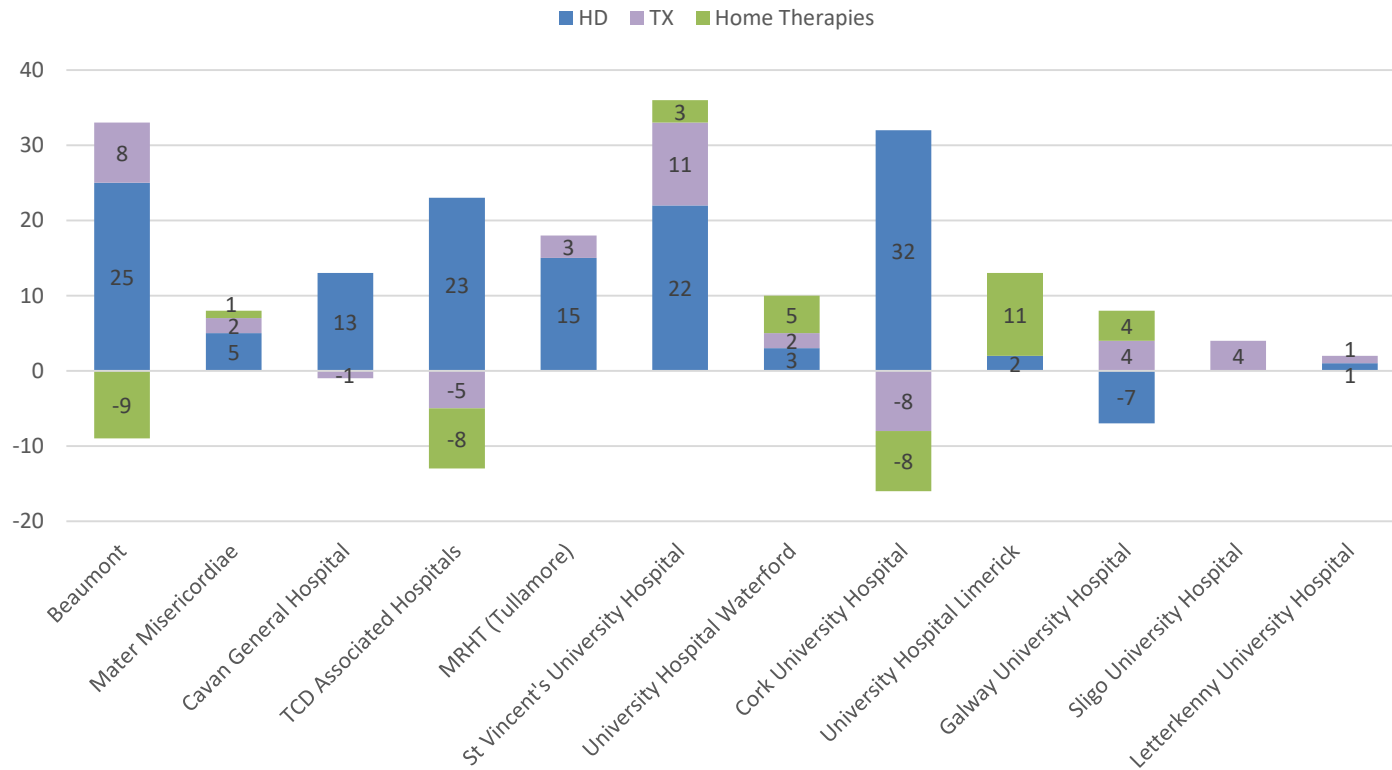
Patient Numbers - Renal Transplant Prevalence by Hospital – 31/12/202

Transplant





Change in the prevalence of Haemodialysis, Home Therapies, and Transplanted from 31/12/2021 to 31/12/2022



PAEDIATRIC END STAGE KIDNEY DISEASE

	ESKD	Haemodialysis	Peritoneal Dialysis	Transplant
31/12/2019	74	8	7	59
31/12/2020	75	7	13	55
31/12/2021	67	5	12	50
31/12/2022	71	6	10	55



National Service Plan 2022

Development of Renal Services

An ambitious reform programme incorporating capacity, configuration and governance is underway to meet the growing demand for renal services across the country. The focus is on improving overall quality of life for service users by delivering safe, efficient and integrated care. This requires enhancing core capacity within renal units, provision of services closer to home and at home, and expansion of renal transplantation activity.

Services Provided

Renal services are provided under the clinical governance of the Parent Renal Units in each of the six Hospital Groups. Service users receive treatment in one of the 24 national haemodialysis units (HSE or contracted services) or in their own home.

Priority Areas for Action 2022

- Expand dialysis capacity in hospital Parent Renal Units through enhanced clinical governance
- Expand the Home Dialysis Therapy Programme.



NRO- National Service Plan 2022

End Stage Kidney Disease programme

– **€25m Funding Secured**

- **Expand HSE Contracted dialysis services**
- **Enhance clinical services in Hospital Parent Renal Units**
- **Improve Clinical Governance**
- **Develop renal palliative care services**

- **212 WTE new posts approved**
 - **50 posts filled to date**

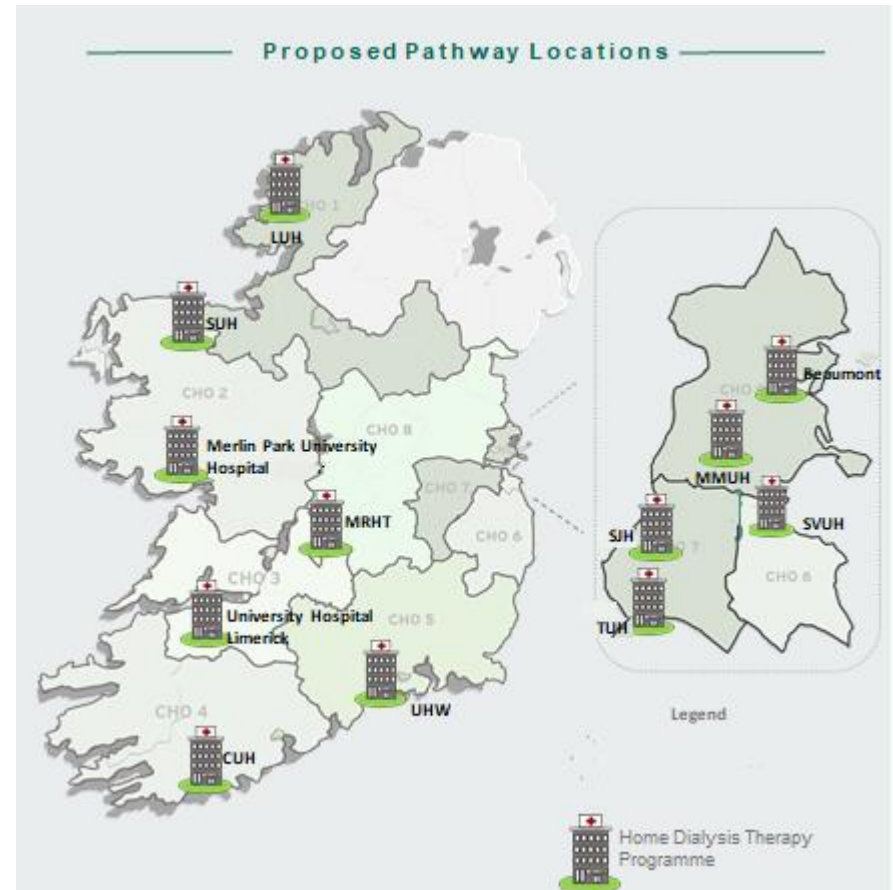
Support the 30% growth in dialysis activity

Staff Grade	Number
Clerical Admin	10
NCHD	20
Consultants	7.5
CNM/CNS	34
ANP	17
Staff Nurse	77
Social Worker	12
Physio / OT	3
Engineering/Physics	2.25
Pharmacist	3.5
Dietician	10
Psychologist	3
Ancillary	3
HCA	19.5



Home Dialysis Pathway 2023

- Additional Nursing & dietician support
 - Target 1:10 nurse Patient ratio in Parent Renal units
 - Outreach Support service
 - SUH
 - LUH
 - MRHT
 - SJH
 - CGH





HSE Structured Chronic Disease Management Program

- Primary Care programme - GMS and GP visit card patients
 - diagnosed with one or more specified chronic diseases
 - GPs receive additional payments to identify & treat patients along a structured care pathway
 - Rolled out all eligible patients >18 years old - 2023
- 3 Components
 - Opportunistic Case Finding Programme (OCF)
 - Structured Chronic Disease Treatment Programme
 - Annual Chronic Disease Management Prevention Programme (PP)
- 2024 – Plan is to extend program to include Chronic Kidney Disease as a specified disease
- Finalise Model of Care for management of early CKD

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Thanks to

Catherine Sharp – Senior Executive officer (0.5 WTE)

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Fidelma Morrissey (1 WTE)