







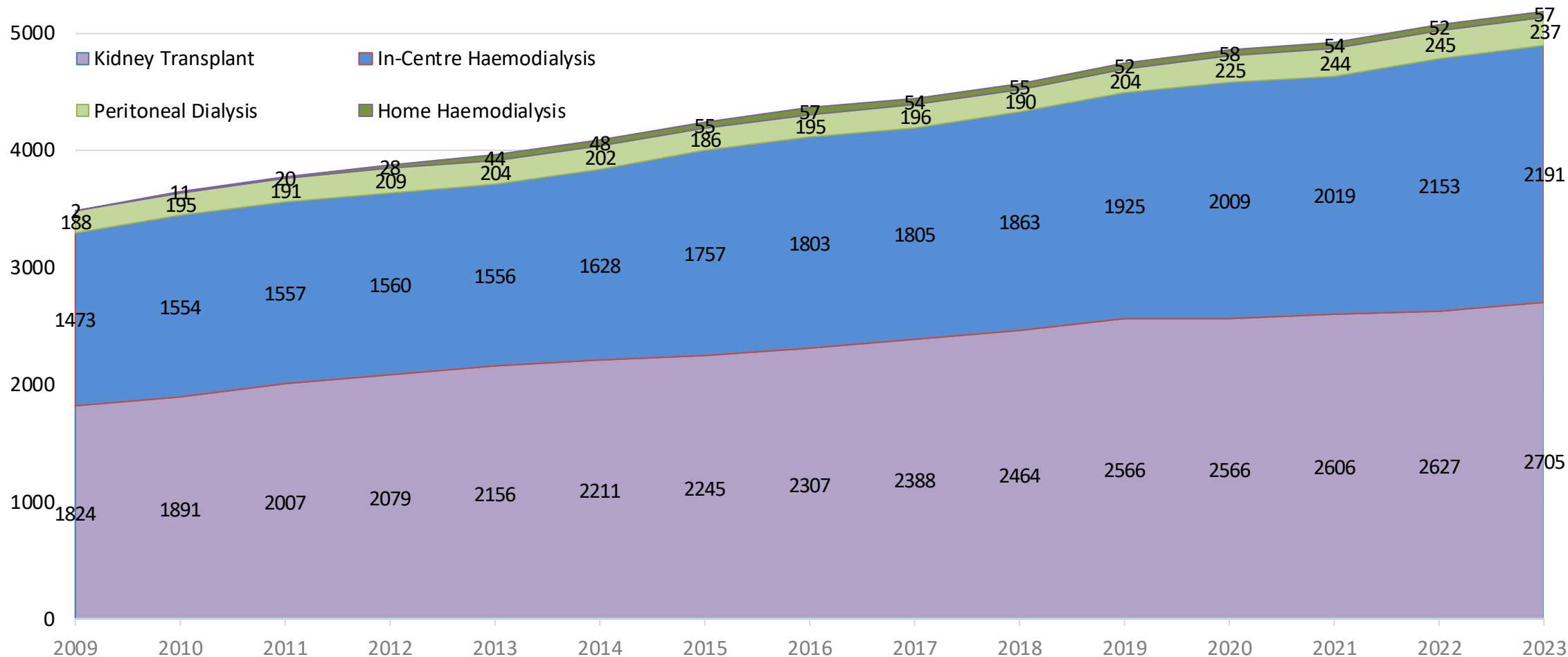
National Renal Office - Renal Services Report 2024

Prof. George Mellotte,
National Clinical Lead for Renal Services
National Renal Office

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** 

Prevalence of treated Adult ESKD Patients in Ireland by treatment modality as recorded in KDCPMS/NRO



Prevalence of treated ESKD Patients by treatment modality as recorded in KDCPMS/NRO

Year End	Kidney Transplant	Incentre Haemodialysis	Home Dialysis	Total
2003*	1391	826	187	2404
2013	2156	1556	248	3960
2023	2705	2191	294	5190
Growth per Year	66	68	5	139

2003 Data derived from – National Renal Strategy review report 2006

Growth in HD Numbers – HSE Needed to commission 11 additional HD stations/year

Prevalence of treated Adult ESKD Patients in Ireland by treatment modality as recorded in KDCPMS

Total	ESKD	5190 (+ 113)	1007 PMP*
42.2%	HD	2191 (+38)	
	HSE	1455 (-11)	
	Contracted	736 (+49)	
5.7%	PD/HHD	294 (-3)	
52.1%	TX	2705 (+78)	

Patient growth = 2.2%

HD + 1.7%

PD/HHD - 1%

TX + 2.8%

N.B 2022 saw unprecedented growth in HD
with an additional 134 patients
Total Growth was 155

*Census data – CSO 2022 population 5,149,139

HSE New Regional Structure

HSE West & North West

Galway University Hospitals
University Hospital Sligo
Letterkenny University Hospital

HSE Dublin & North East

Beaumont Hospital
Cavan General Hospital
Mater Misericordiae Hospital

HSE Mid West

University Hospital Limerick

HSE Dublin & Midlands

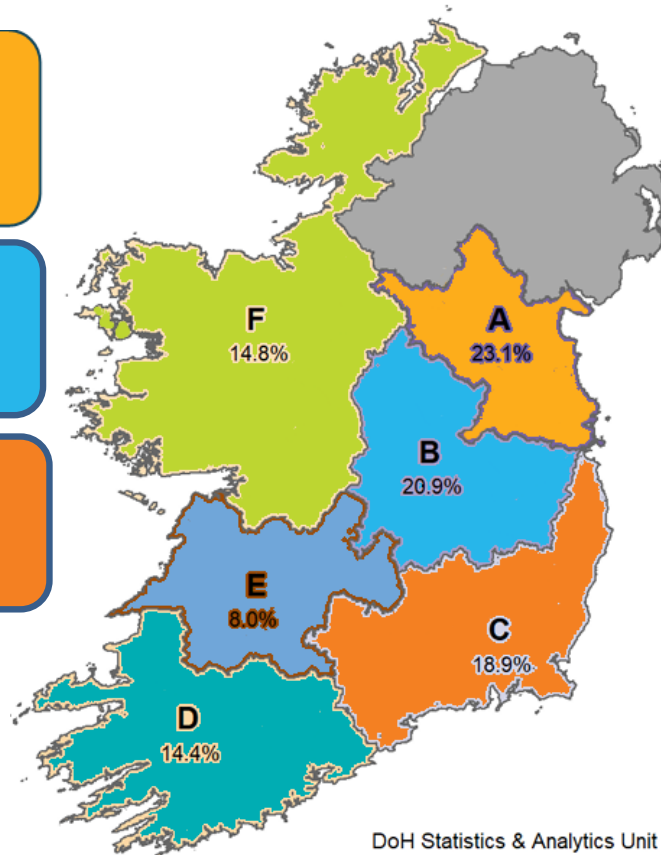
Tallaght University Hospital
St James' Hospital
Midland Regional Hospital Tullamore

HSE South West

Cork University Hospital

HSE Dublin & South East

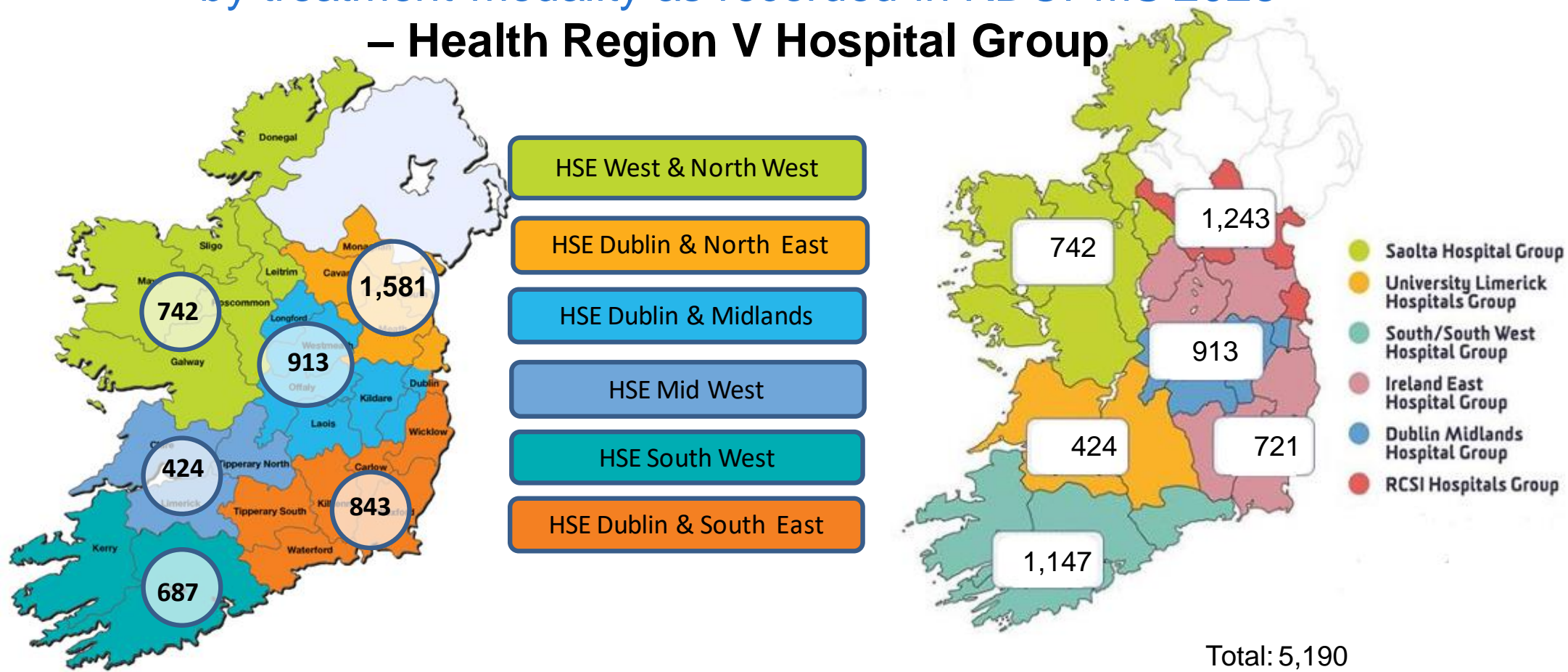
St Vincent's University Hospital
University Hospital Waterford



DoH Statistics & Analytics Unit

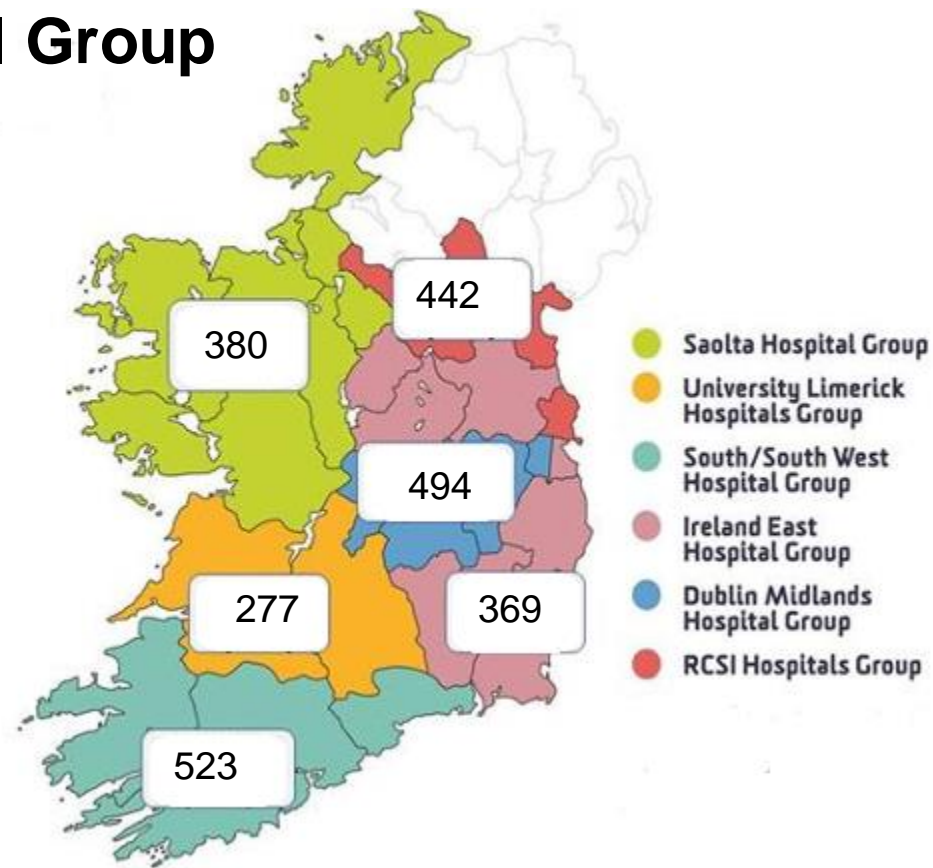
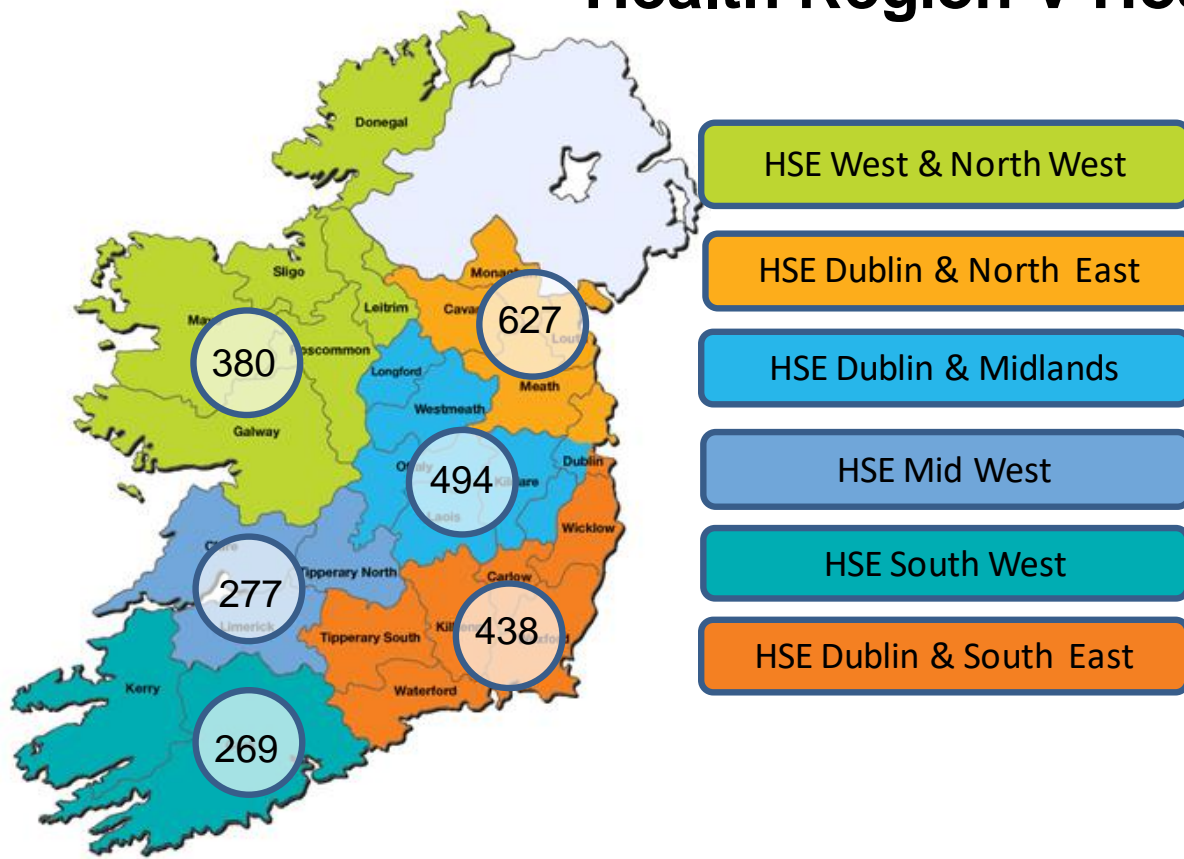
HSE Health Region	2022 Population	% of Total Pop
HSE Dublin & North East (A)	1,187,082	23.1%
HSE Dublin & Midlands (B)	1,077,639	20.9%
HSE Dublin & South East (C)	971,093	18.9%
HSE South West (D)	740,614	14.4%
HSE Midwest (E)	413,059	8.0%
HSE West & North West	759,652	14.8%

Prevalence of treated Adult ESKD Patients in Ireland by treatment modality as recorded in KDCPMS 2023 – Health Region V Hospital Group



Prevalence of All Adult Dialysis Patients in Ireland as recorded in KDCPMS 2023

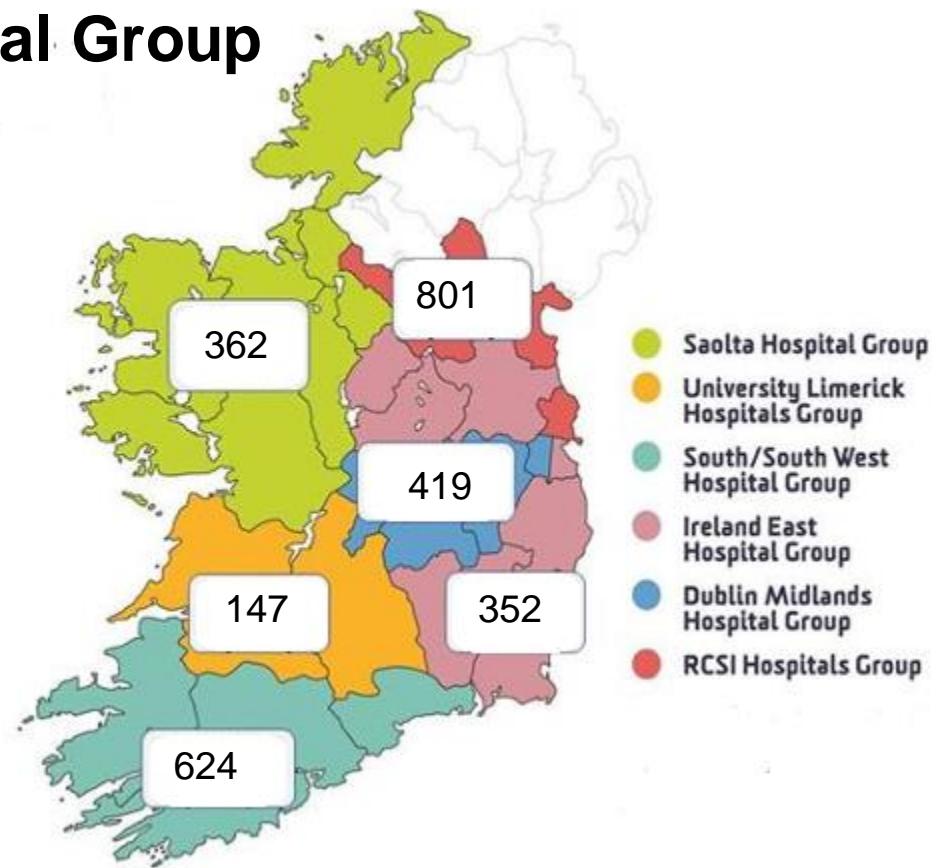
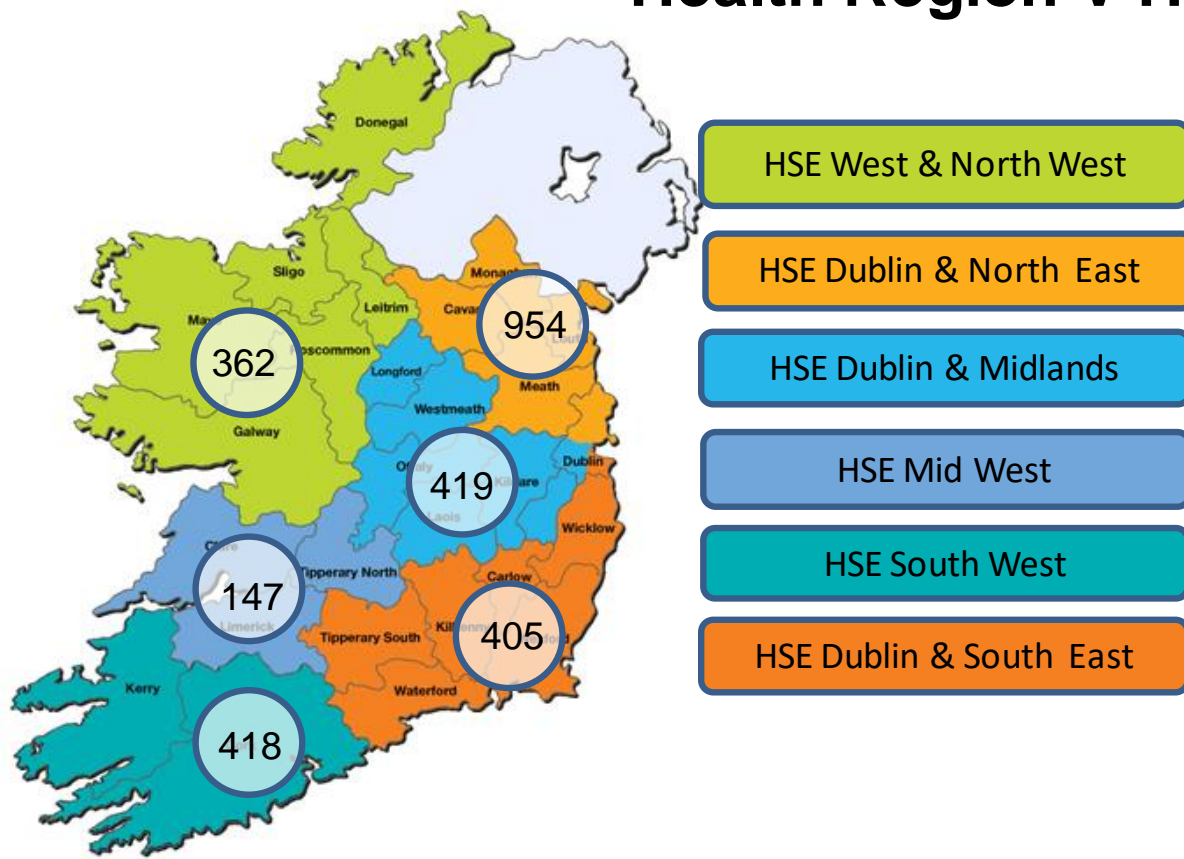
– Health Region V Hospital Group



Total: 2,485

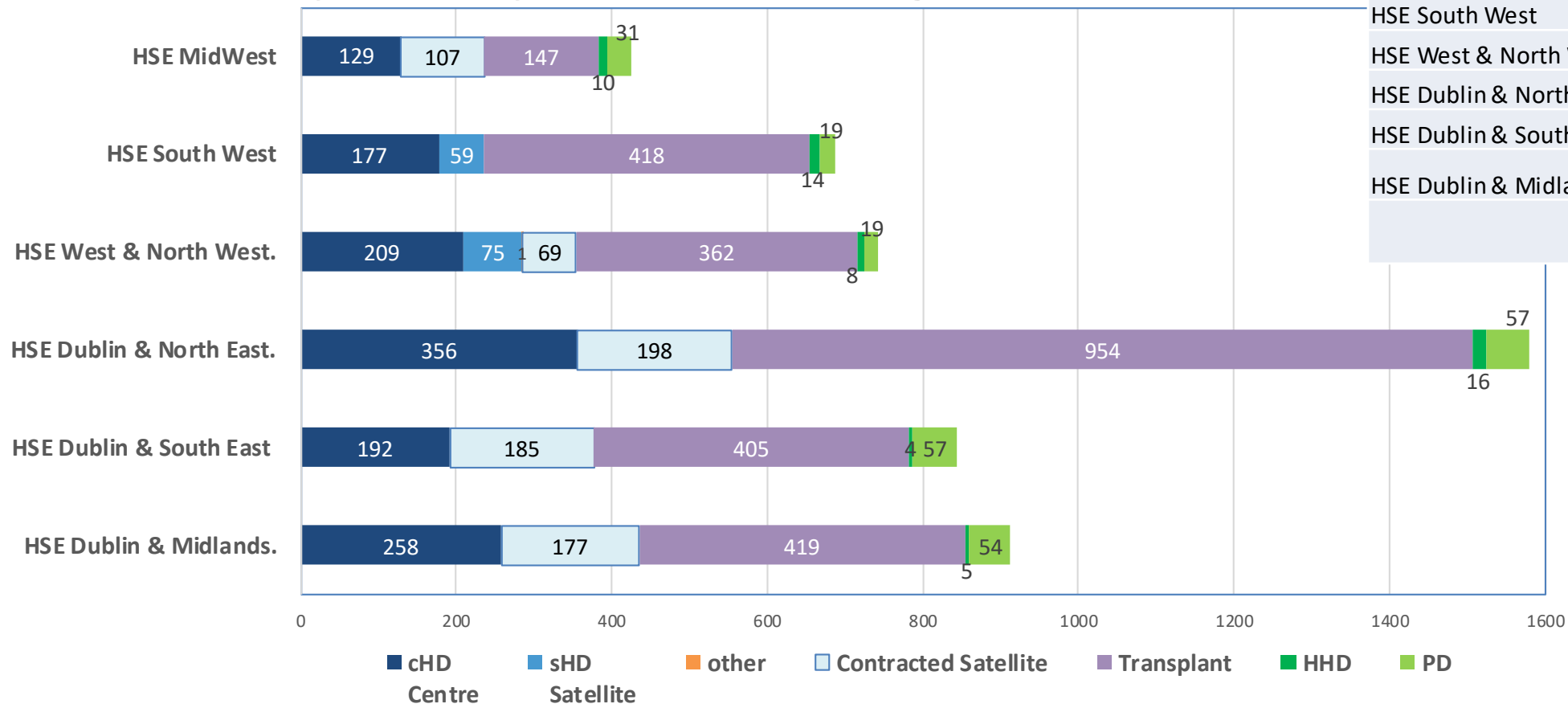
Prevalence of Adult Kidney Transplant Patients in Ireland as recorded in KDCPMS 2023

– Health Region V Hospital Group



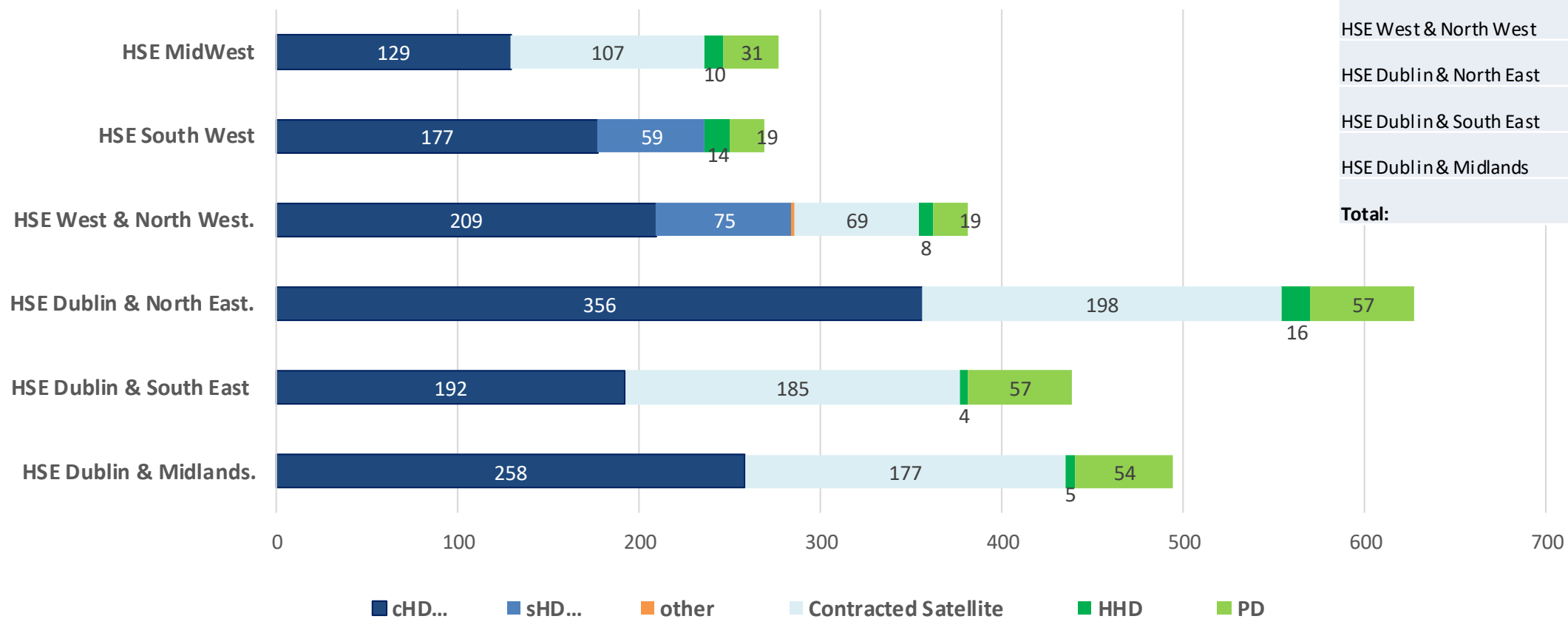
Total: 2,705

Prevalence of Adult ESKD Patients by modality & new Health Region– 31/12/2023



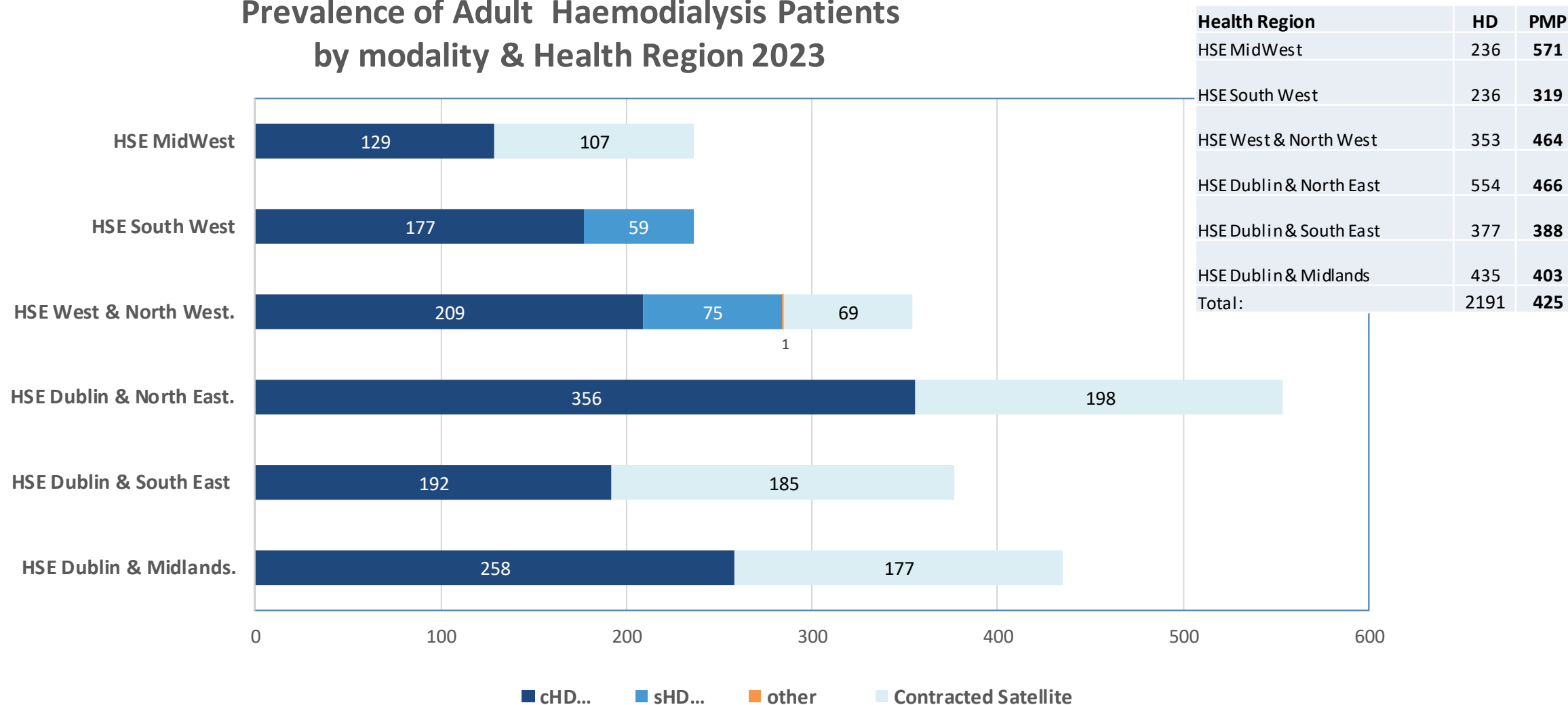
Health Region	ESKD total	PMP
HSE MidWest	424	1026
HSE South West	687	928
HSE West & North West	742	977
HSE Dublin & North East	1581	1331
HSE Dublin & South East	843	868
HSE Dublin & Midlands	913	848
	5,190	1007

Prevalence of Adult Dialysis Patients by modality & Health Regions 31/12/2023

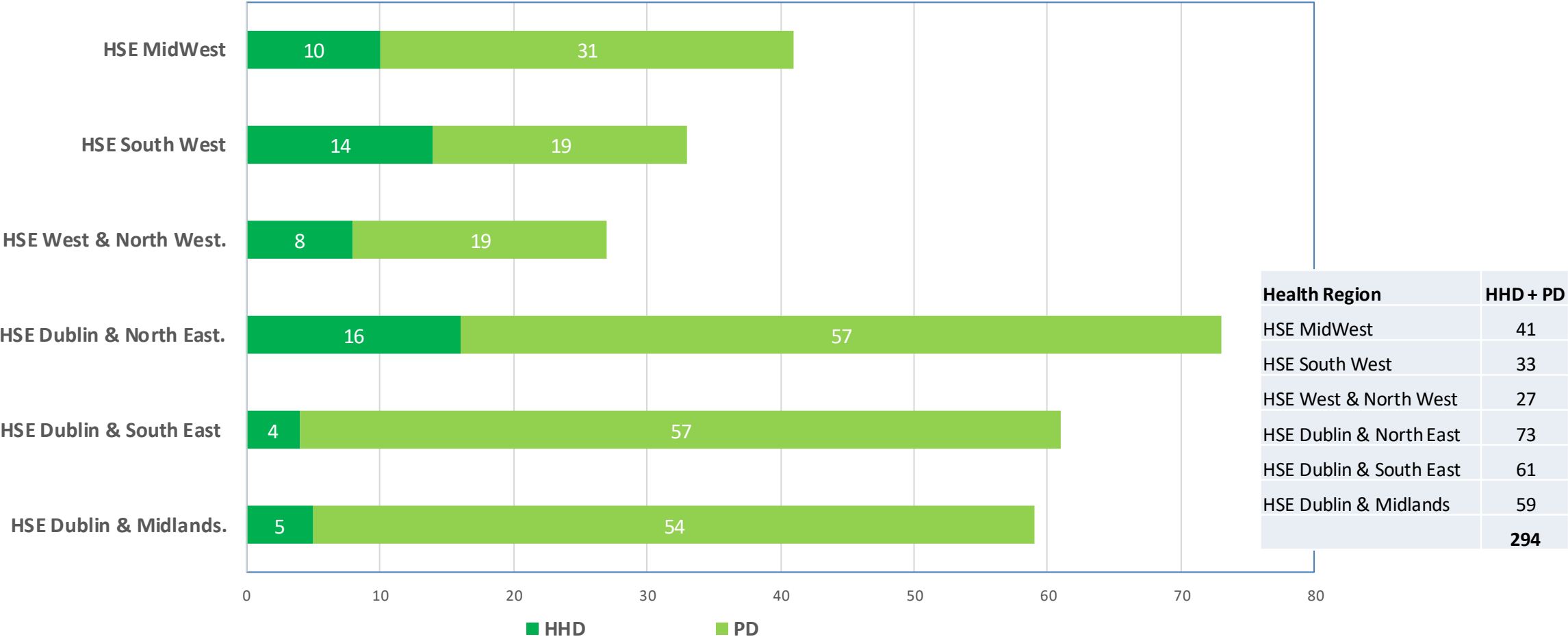


Health Region	Dialysis	PMP
HSE MidWest	277	670
HSE South West	269	364
HSE West & North West	380	500
HSE Dublin & North East	627	528
HSE Dublin & South East	438	451
HSE Dublin & Midlands	494	458
Total:	2485	482

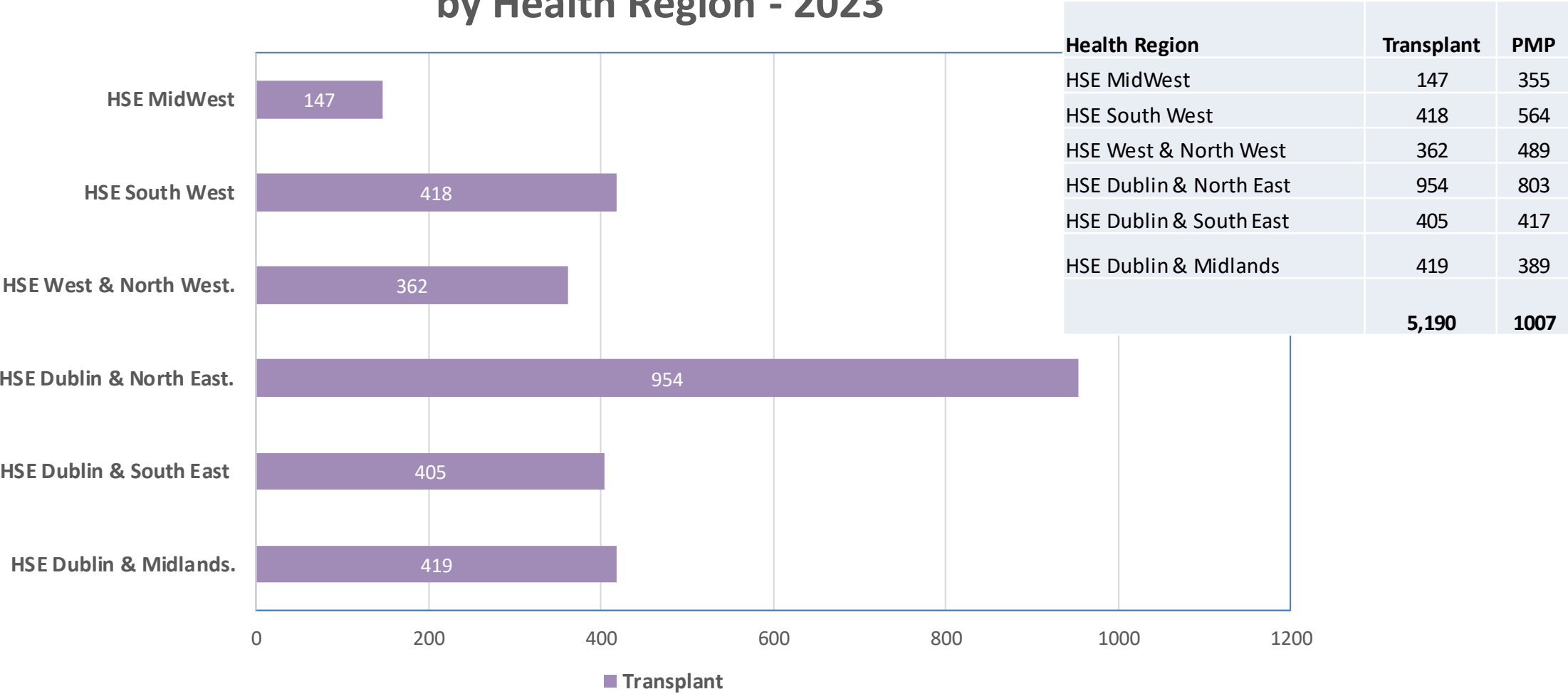
Prevalence of Adult Haemodialysis Patients by modality & Health Region 2023



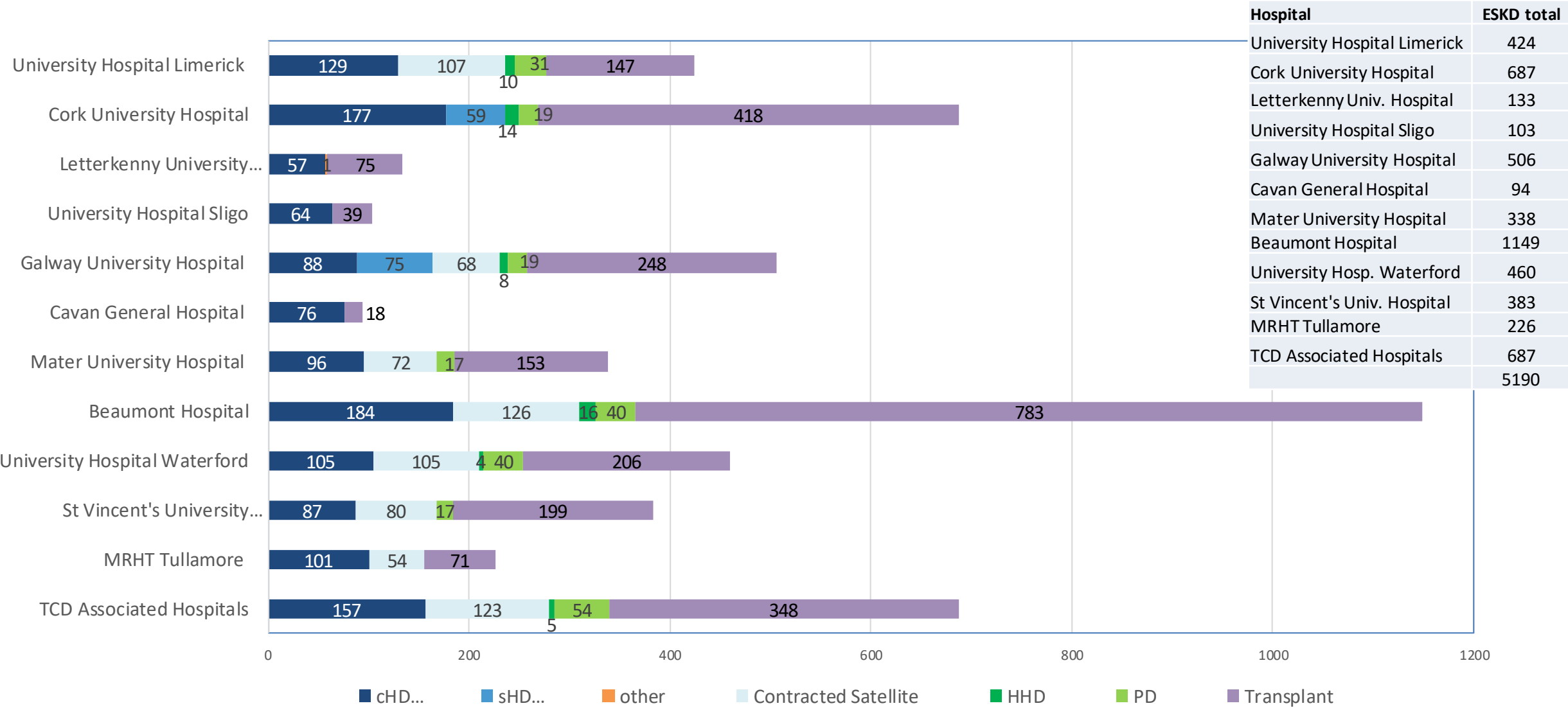
Prevalence of Adult Home Dialysis Patients by modality & Health Region 2023



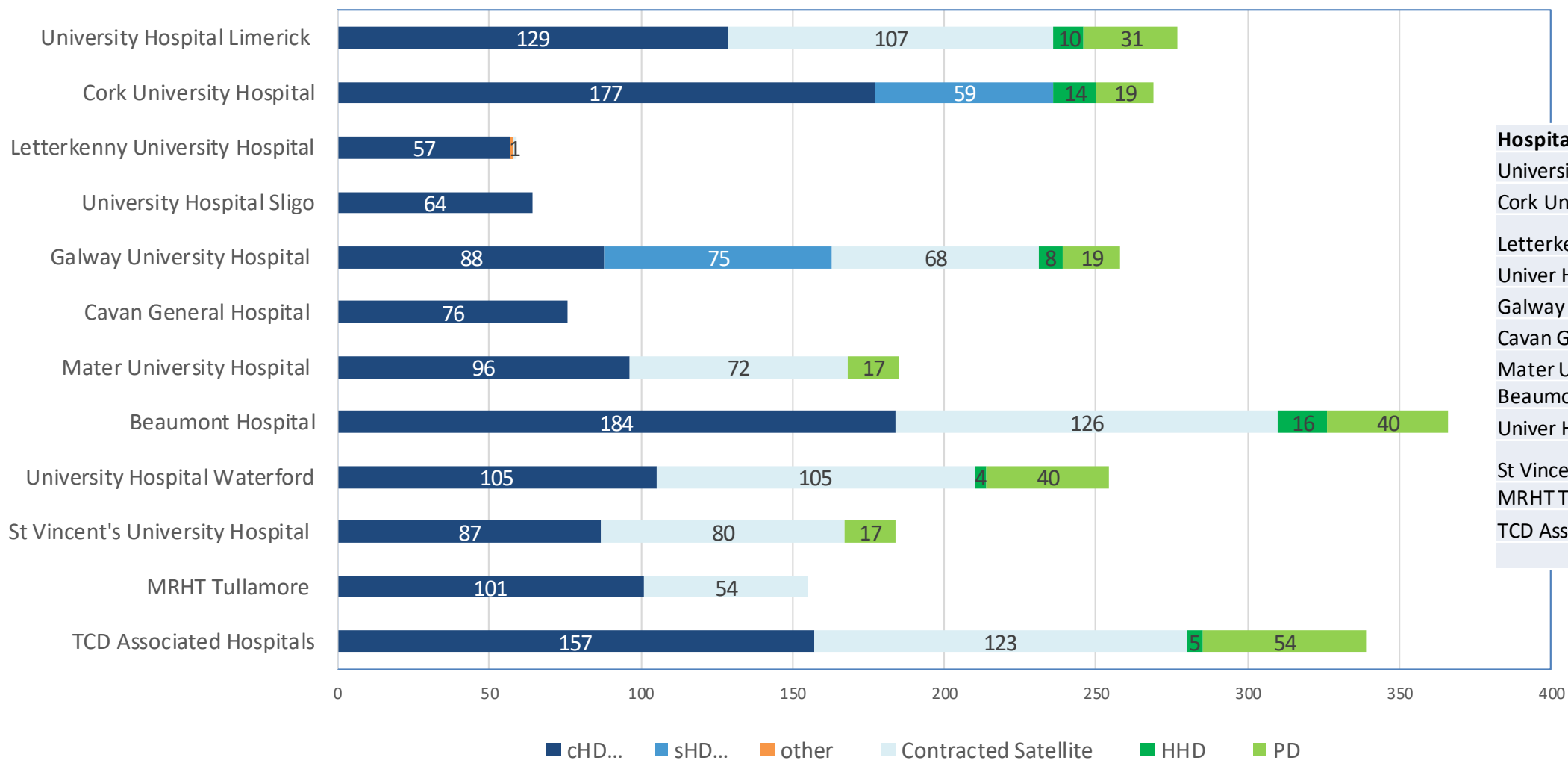
Prevalence of Adult Kidney Transplant patients by Health Region - 2023



Prevalence of treated Adult ESKD Patients in Ireland by treatment modality and PRU - KDCPMS 31-12-2023

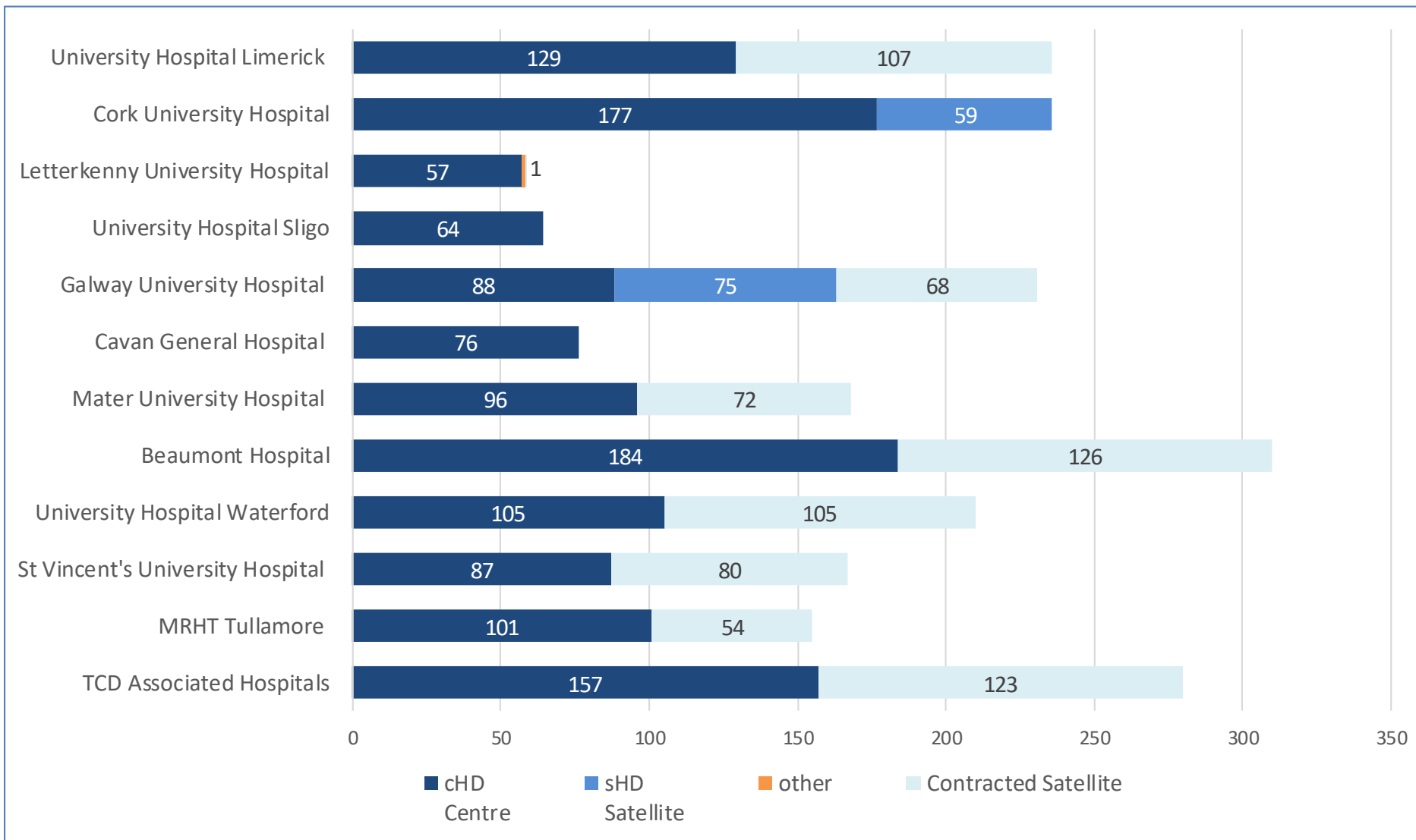


Prevalence of Adult Dialysis Patients in Ireland by treatment modality and PRU - KDCPMS 31-12-2023



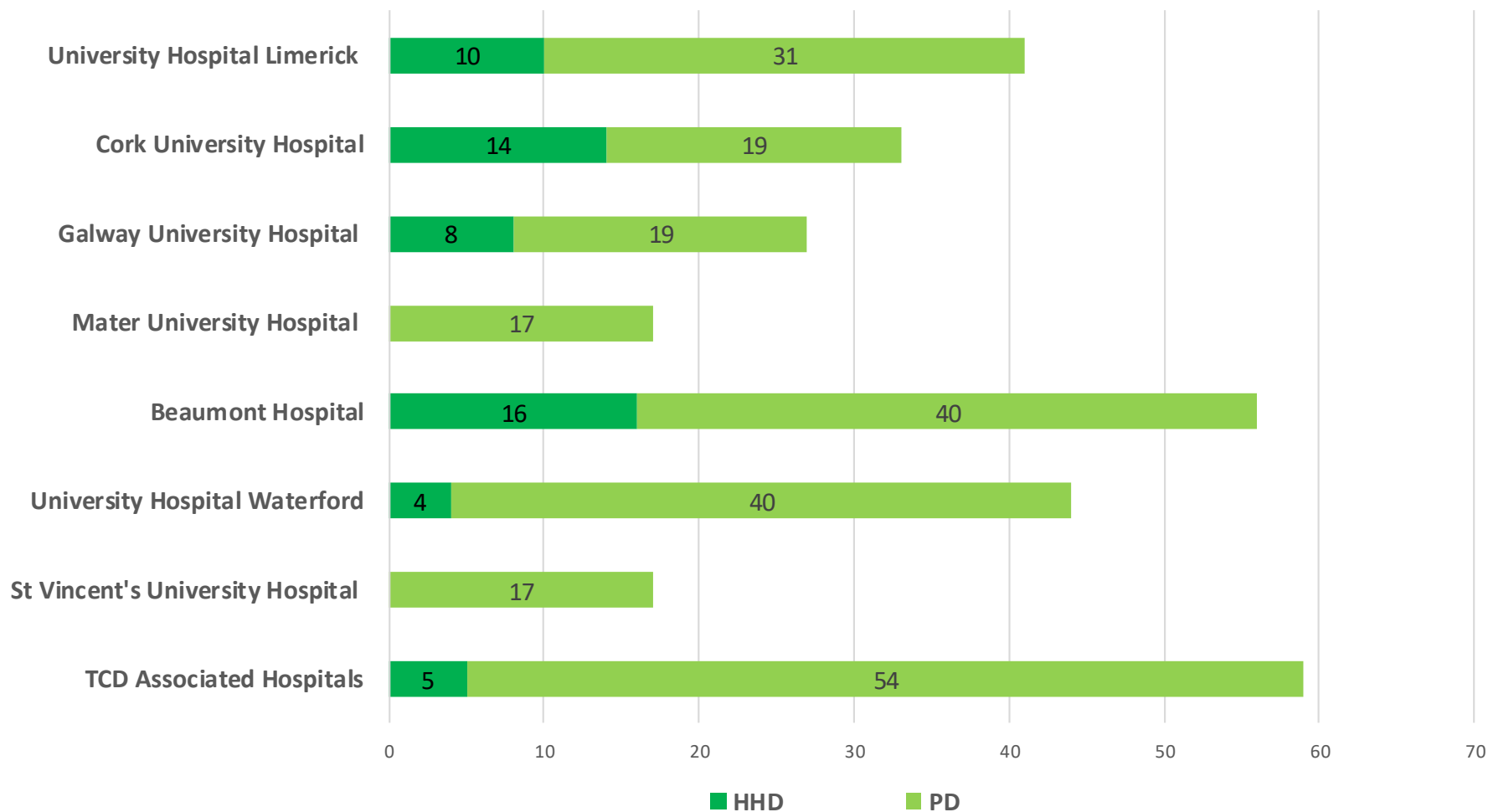
Hospital	Dialysis
University Hosp. Limerick	277
Cork University Hosp.	269
Letterkenny University Hosp	58
Univer Hospital Sligo	64
Galway University Hosp.	258
Cavan General Hospital	76
Mater University Hosp.	185
Beaumont Hospital	366
Univer Hosp Waterford	254
St Vincent's Uni. Hospital	184
MRHT Tullamore	155
TCD Associated Hospitals	339
	2485

Prevalence of Adult In Centre haemodialysis Patients in Ireland by treatment modality and PRU - KDCPMS 31-12-2023

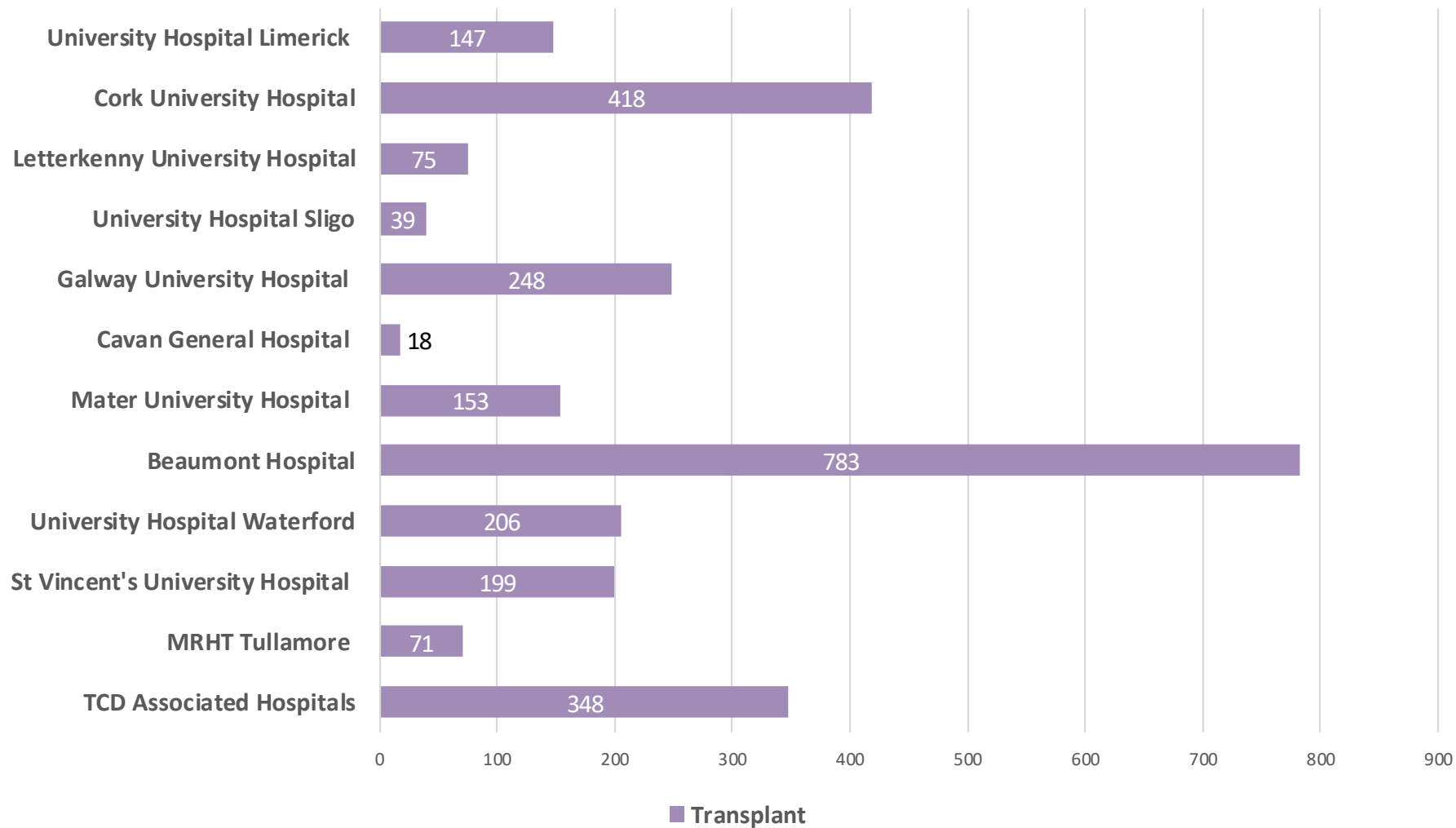


Hospital	cHD/sHD/Contracted
University Hosp Limerick	236
Cork University Hospital	236
Letterkenny University H	58
University Hospital Sligo	64
Galway University Hospital	231
Cavan General Hospital	76
Mater University Hospital	168
Beaumont Hospital	310
University H. Waterford	210
St Vincent's University H.	167
MRHT Tullamore	155
TCD Associated Hospitals	280
	2191

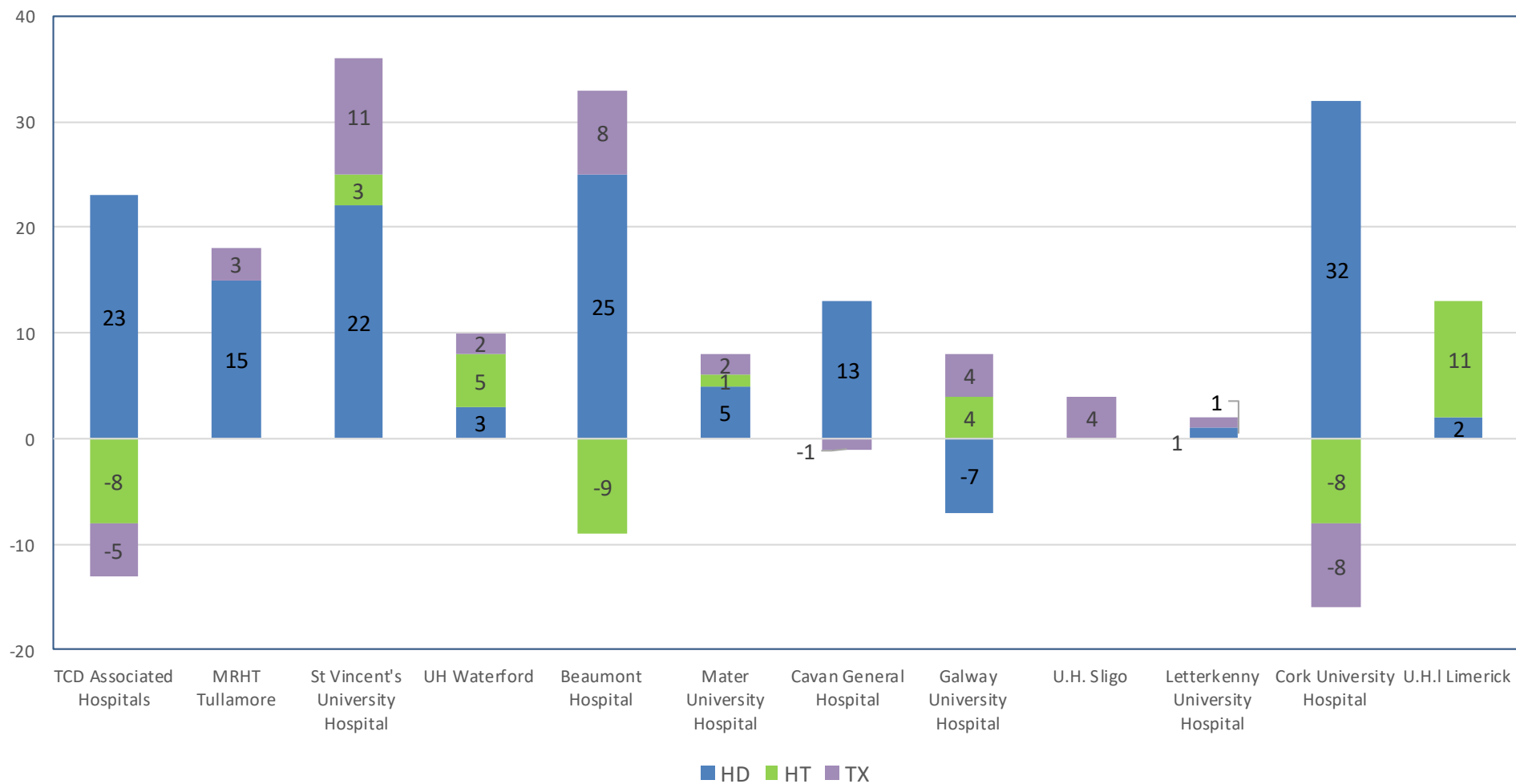
Prevalence of Adult Home Dialysis Therapy Patients in Ireland by treatment modality and PRU - KDCPMS 31-12-2023



Prevalence of Adult Kidney Transplant Patients in Ireland by treatment modality and PRU - KDCPMS 31-12-2023



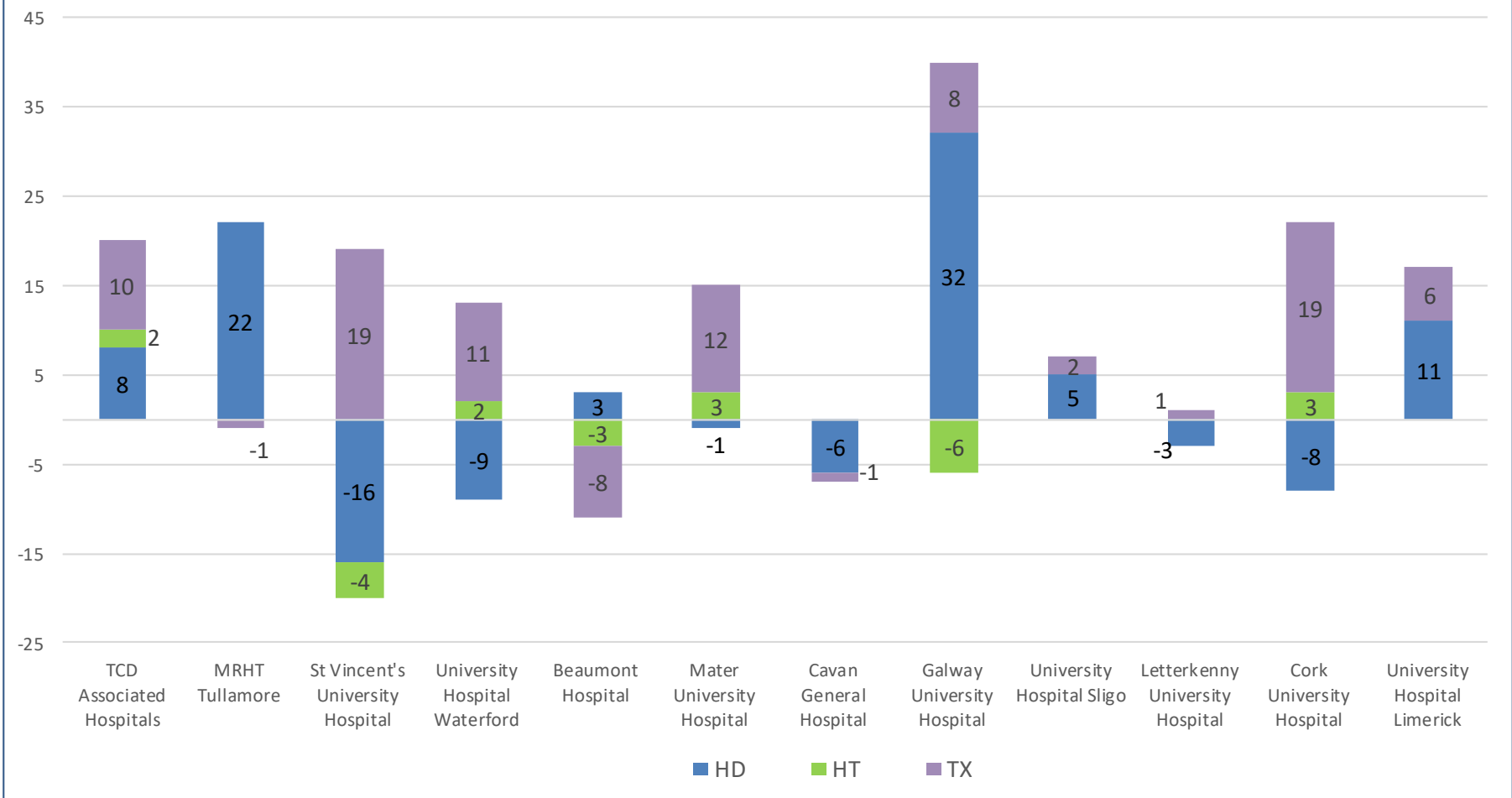
Change in the prevalence of Haemodialysis, Home Therapies and Transplanted from 31/12/2021 to 31/12/2022



2021 -2022 + /-	ESKD Change
TCD Assoc Hospitals	10
MRHT Tullamore	18
SVUH	36
UH Waterford	10
Beaumont	24
Mater	8
Cavan General	12
Galway U.H.	1
U.H. Sligo	4
Letterkenny U H.	2
Cork U.H.	16
U.H.Limerick	13

2022

Change in the prevalence of Haemodialysis, Home Therapies & Transplanted from 31/12/2022 to 31/12/2023



2022-2023 +/-	ESKD Change
TCD Assoc Hospitals	20
MRHT Tullamore	21
SVUH	-1
UH Waterford	4
Beaumont	-8
Mater	14
Cavan General	-7
Galway U.H.	34
U.H. Sligo	7
Letterkenny U H.	-2
Cork U.H.	14
U.H.Limerick	17

2023

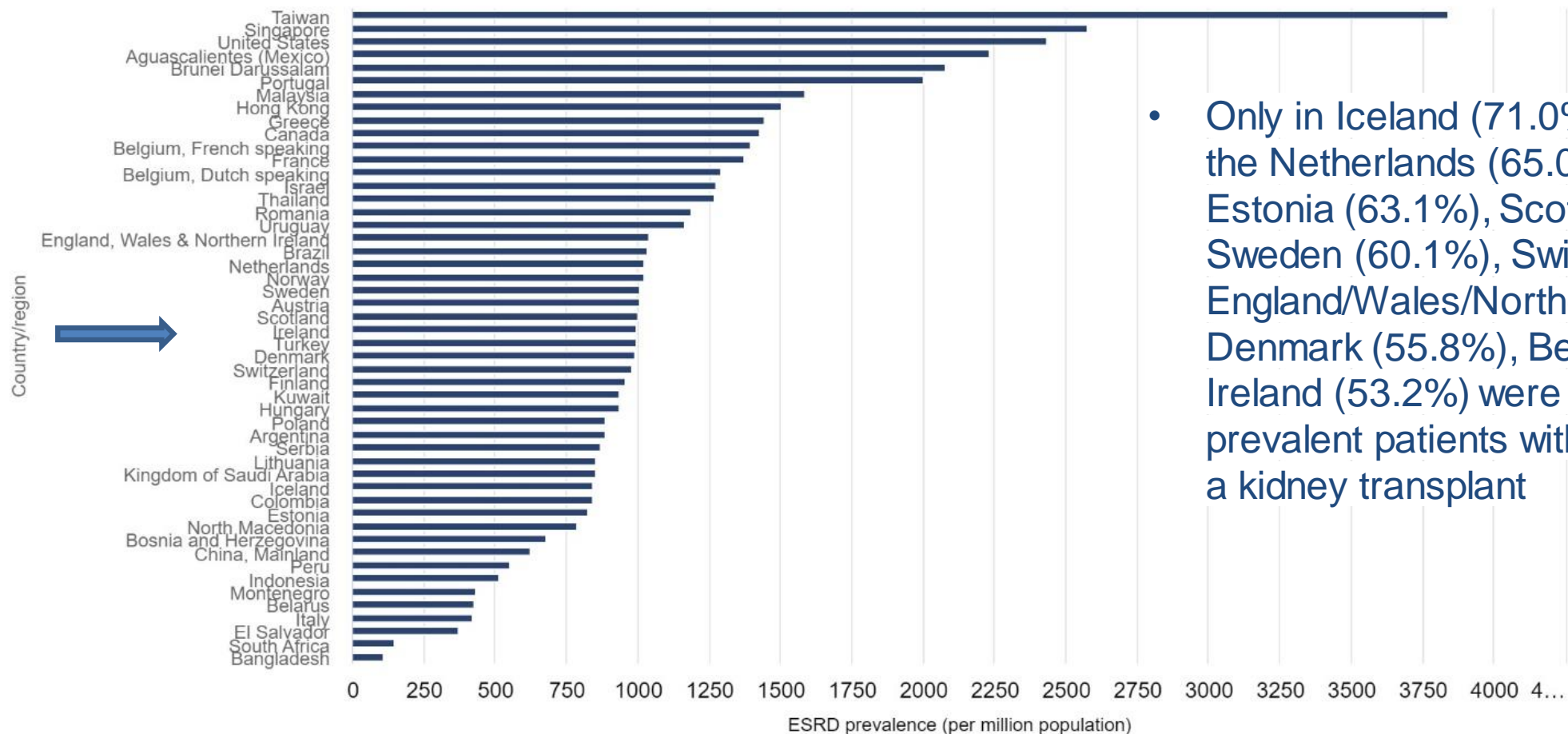
Prevalence of treated Paediatric ESKD Patients in Ireland by treatment modality as recorded in KDCPMS/NRO

	ESKD	In Centre Haemodialysis	Peritoneal Dialysis	Kidney 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
31/12/2023	67	6	11	50

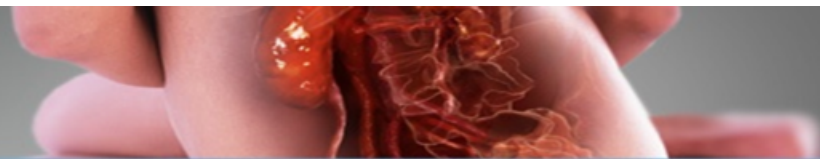
USRDS – NRO submissions

Figure 11.9 Prevalence of treated ESRD, by country or region, 2021

Sort by Rate



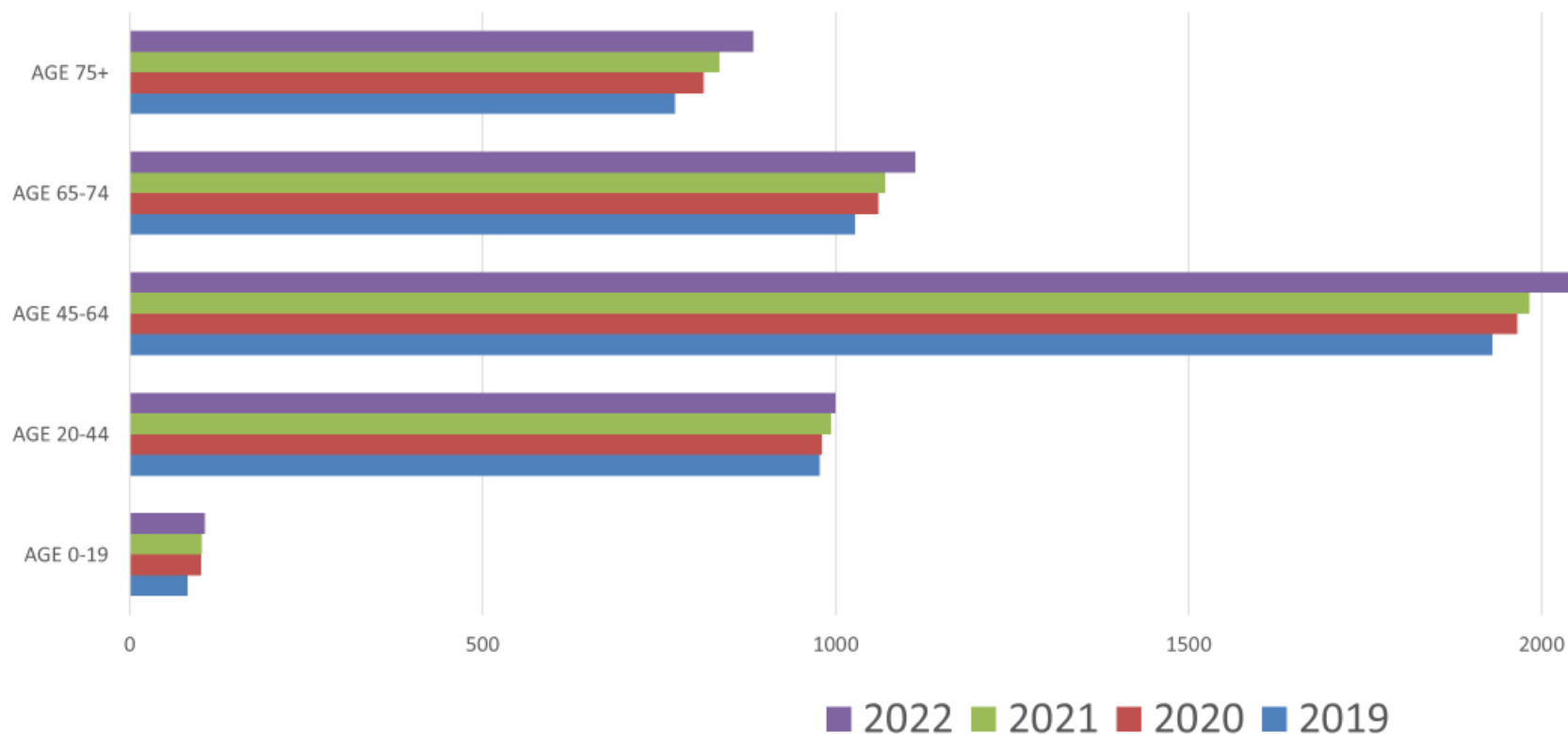
- Only in Iceland (71.0%), Norway (66.9%), the Netherlands (65.0%), Finland (63.9%), Estonia (63.1%), Scotland (61.3%), Sweden (60.1%), Switzerland (56.5%), England/Wales/Northern Ireland (56.4%), Denmark (55.8%), Belarus (53.7%), and Ireland (53.2%) were more than half of prevalent patients with ESRD treated with a kidney transplant



USRDS Return 2023

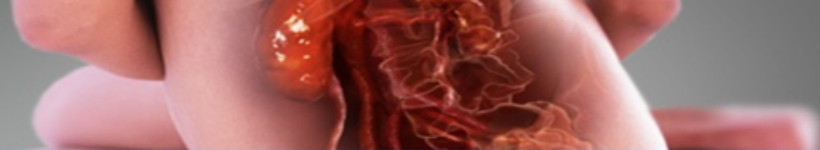
Year	Female	Male
2019	1745	3046
2020	1791	3131
2021	1807	3176
2022	1855	3293

Age of Patients receiving renal replacement therapy in Ireland



Prevalence 2021
Female 712 vs Male 1294 pmp

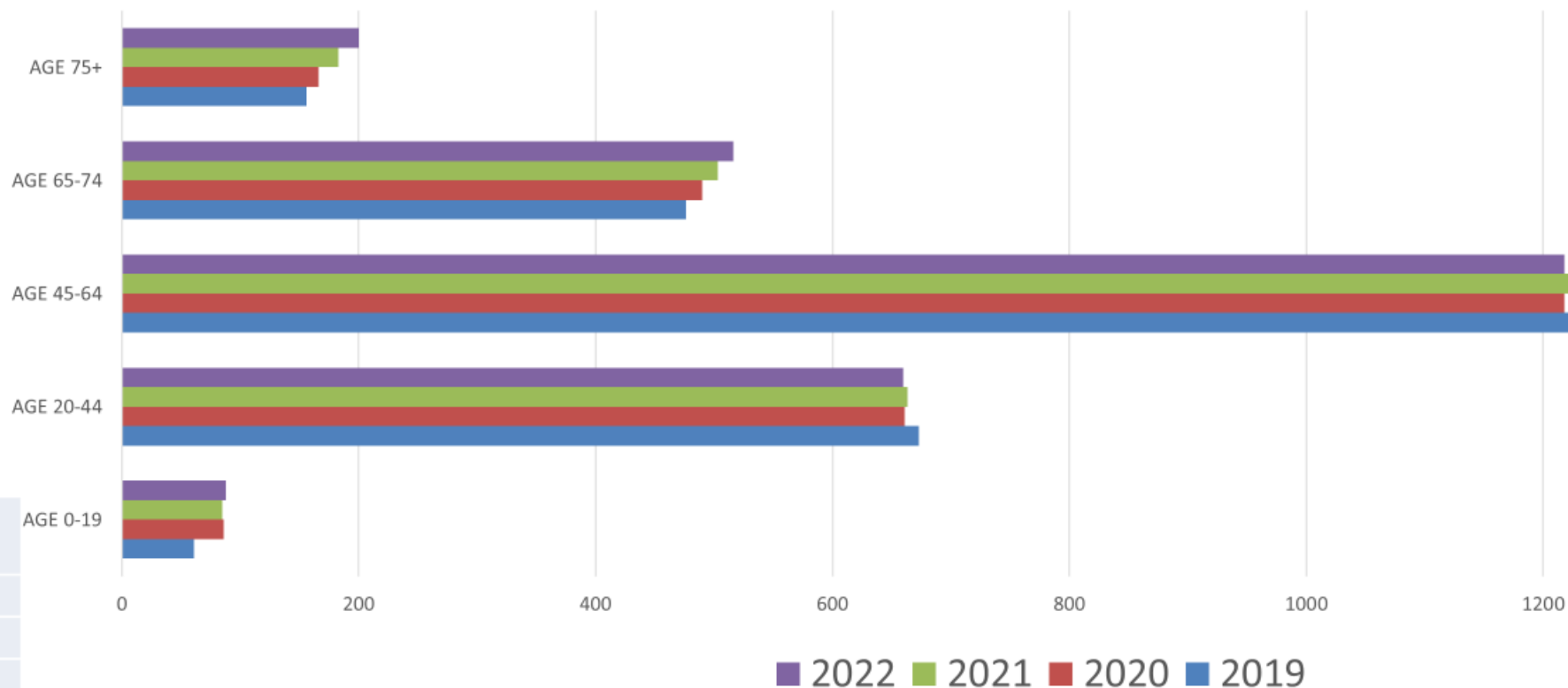
Year	AGE 0-19	AGE 20-44	AGE 45-64	AGE 65-74	AGE 75+
2019	82	977	1931	1028	773
2020	101	981	1966	1061	813
2021	102	993	1983	1070	835
2022	107	1000	2045	1113	883
PMP	79	578	1581	2524	2626



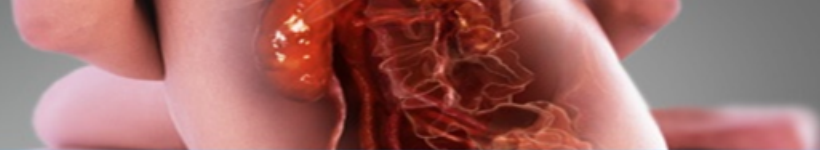
USRDS Return 2023

Age of Patients living with a Kidney Transplant in Ireland

Female	Male	Year
964	1627	2019
973	1647	2020
984	1671	2021
1001	1681	2022



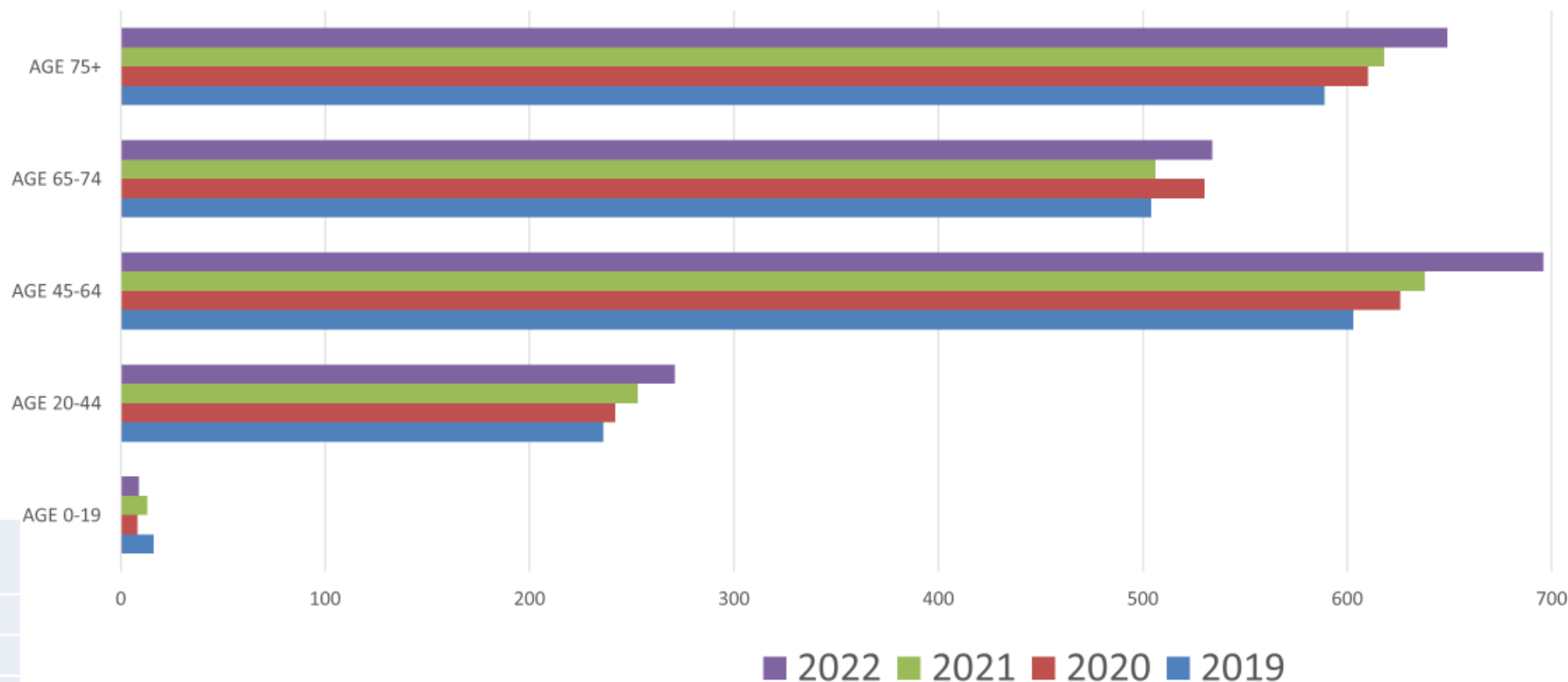
Year	AGE 0-19	AGE 20-44	AGE 45-64	AGE 65-74	AGE 75+
2019	61	673	1226	476	156
2020	86	661	1218	490	166
2021	85	663	1222	503	183
2022	88	660	1218	516	200



USRDS Return 2023

Age of Patients Treated by in-centre Haemodialysis in Ireland

Year	Female	Male
2019	696	1252
2020	732	1284
2021	726	1302
2022	750	1409



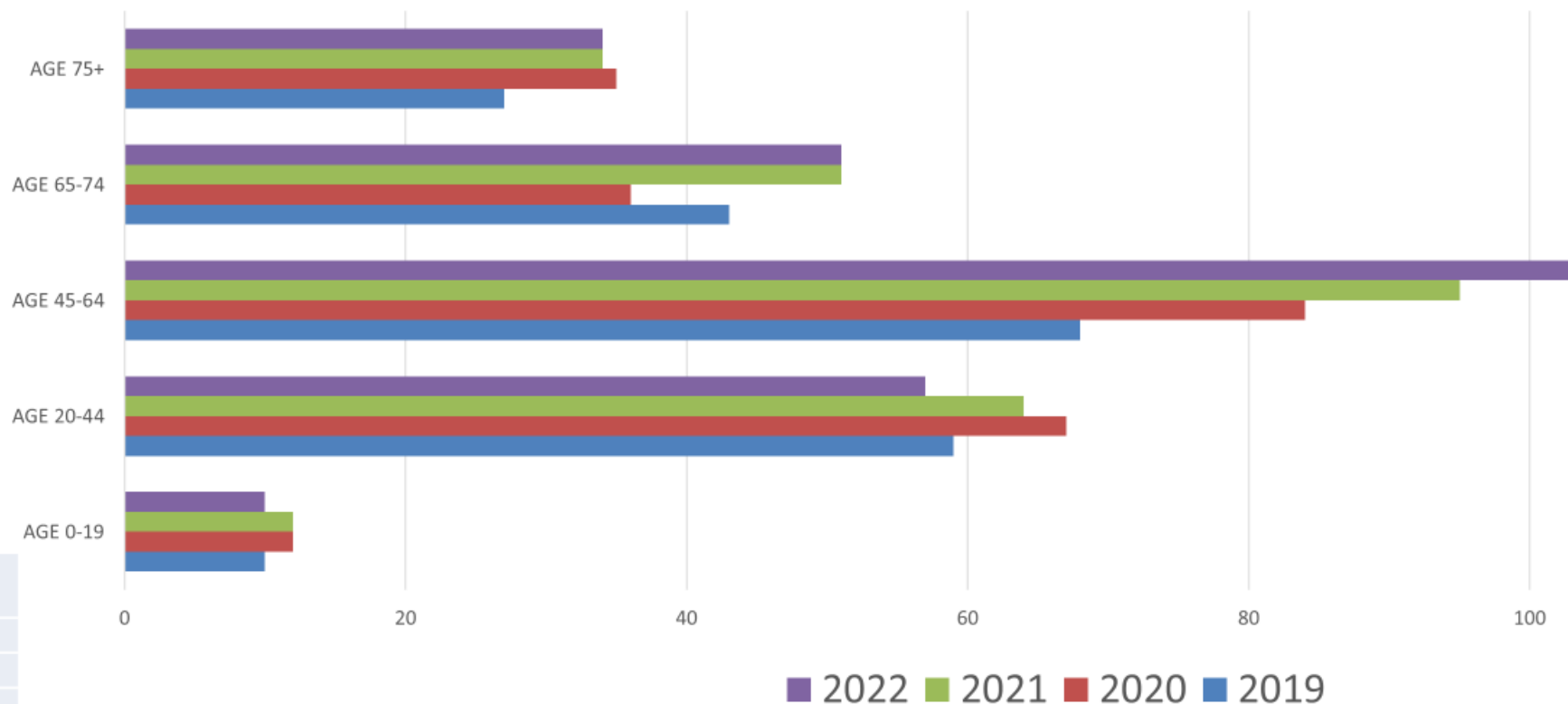
Year	AGE 0-19	AGE 20-44	AGE 45-64	AGE 65-74	AGE 75+
2019	16	236	603	504	589
2020	8	242	626	530	610
2021	13	253	638	506	618
2022	9	271	696	534	649



USRDS Return 2023

Year	Female	Male
2019	68	139
2020	69	169
2021	79	177
2022	86	169

Age of Patients Treated by Peritoneal Dialysis in Ireland



Year	AGE 0-19	AGE 20-44	AGE 45-64	AGE 65-74	AGE 75+
2019	10	59	68	43	27
2020	12	67	84	36	35
2021	12	64	95	51	34
2022	10	57	103	51	34

Detailed KDCPMS Prevalence by RHA

Final National Renal Office ESKD statistics 30th December 2023	HD HSE		HD contracted										Status					
Regional Health Area	cHD Centre	sHD Satellite	Beacon Dialysis			N. I.	Fresenius Dialysis			Bbraun Dialysis			Total incentre HD	HHD	PD	Dialysing	Transplant	ESKD total
			Drogheda	Sandyford	Tallaght	Derry	NCross	Kilkenny	Limerick	Wexford	Galway	Portlaoise						
Beaumont	184		66	1			59						310	16	40	366	783	1149
Cavan General Hospital	76												76			76	18	94
Mater Misericordiae	96		28				44						168		17	185	153	338
HSE Dublin & North East	356		94	1			103						554	16	57	627	954	1581
University Hospital Waterford	105							46		59			210	4	40	254	206	460
St Vincent's University Hospital	87			80									167		17	184	199	383
HSE Dublin & South East	192			80				46		59			377	4	57	438	405	843
Tallaght Hospital	154		1	21	72								248	5	54	307	334	641
St James' Hospital	3				29								32			32	14	46
TCD Associated Hospitals	157		1	21	101								280	5	54	339	348	687
MRHT	101											54	155			155	71	226
HSE Dublin & Midlands	258		1	21	101							54	435	5	54	494	419	913
Cork University Hospital / UHK	177	59											236	14	19	269	418	687
HSE South West	177	59											236	14	19	269	418	687
University Hospital Limerick	129								107				236	10	31	277	147	424
HSE Mid West	129								107				236	10	31	277	147	424
Galway University Hospital / UHM	88	75									68		231	8	19	258	248	506
University Hospital Sligo	64												64			64	39	103
Letterkenny University Hospital	57					1							58			58	75	133
HSE West & North West	209	75				1					68		353	8	19	380	362	742
National Adults	1321	134	95	102	101	1	103	46	107	59	68	54	2191	57	237	2485	2705	5190
Childrens Health Ireland	6												6		11	17	50	67
Temple St University Hospital	6												6		3	9	50	59
OLCH Crumlin															8	8		8
Grand Total	1327	134	95	102	101	1	103	46	107	59	68	54	2197	57	248	2502	2755	5257

Detailed KDCPMS Prevalence by Hospital Group

Final National Renal Office ESKD statistics 30th December 2023			HD contracted												Status					
Hospital Group	cHD Centre	sHD Satellite	Beacon Dialysis			Northern Ireland			Fresenius Dialysis			Bbraun Dialysis			Total incentre / contract HD	HHD	PD	Dialysing	Transplant	ESKD total
			Drogheda	Sandyford	Tallaght	Newry	Omagh	Derry	NCross	Kilkenny	Limerick	Wexford	Galway	Portlaoise						
Beaumont	184		66	1					59						310	16	40	366	783	1149
Cavan General Hospital	76														76			76	18	94
RCSI	260		66	1					59						386	16	40	442	801	1243
St Vincent's University Hospital	87			80											167		17	184	199	383
Mater Misericordiae	96		28						44						168		17	185	153	338
Ireland East	183		28	80					44						335		34	369	352	721
Tallaght Hospital	154		1	21	72										248	5	54	307	334	641
St James' Hospital	3				29										32			32	14	46
TCD Associated Hospitals	157		1	21	101										280	5	54	339	348	687
MRHT	101													54	155			155	71	226
Dublin Midlands	258		1	21	101									54	435	5	54	494	419	913
Cork University Hospital / UHK	177	59													236	14	19	269	418	687
University Hospital Waterford	105									46		59			210	4	40	254	206	460
SSWHG	282	59								46		59			446	18	59	523	624	1147
University Hospital Limerick	129										107				236	10	31	277	147	424
ULHG	129										107				236	10	31	277	147	424
Galway University Hospital / UH	88	75											68		231	8	19	258	248	506
University Hospital Sligo	64														64			64	39	103
Letterkenny University Hospital	57							1							58			58	75	133
Saolta	209	75						1					68		353	8	19	380	362	742
National Adults	1321	134	95	102	101			1	103	46	107	59	68	54	2191	57	237	2485	2705	5190
Childrens Health Ireland	6														6		11	17	50	67
Temple St University Hospital	6														6		3	9	50	59
OLCH Crumlin																	8	8		8
Grand Total	1327	134	95	102	101			1	103	46	107	59	68	54	2197	57	248	2502	2755	5257

Prof. George Mellotte

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

Thanks to

Catherine Sharp – Senior Executive officer (0.5 WTE)

Fidelma Morrissey- Staff Officer (1 WTE)