



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



RENAL

Epidemiology of ESKD in Ireland

Data from 2012 Census

HSE National Renal Office



Methodology

- NRO Annual Census on 31st December
- Standardised data collection instrument
- Not patient-linked
- No external validation
- Death/modality transfer not collected
- Area of residence of TX patients not collected
- Retrospective adjustment of location of TX patients
- Cross-checking with Beaumont Renal Transplant Registry
- Improved retrospective transplant recipient identification

Caveat re Prevalent Transplant Numbers

- We exercise caution every year regarding how exact this figure can be
- These patients are more mobile; may attend at more than one site for follow-up
- We continuously revise the figures from previous years, based on updated data
- We believe that we are more exact with each successive year
- The KDCPMS should make this much more precise in future

Renal Replacement Therapies (RRT)

- Transplant (TX)
- Haemodialysis (HD)
 - Centre HD (cHD)
 - Satellite HD (sHD)
 - Contracted Satellite HD (sHDc)
 - Other HD (oHD)
 - Northern Ireland HD (NI)
- Home Dialysis (PD/HHD)

CSO population estimates

• April 2005	4,133,800
Census 2006	4,232,900
• April 2007	4,375,800
• April 2008	4,485,100
• April 2009	4,533,400
• April 2010	4,554,900
Census 2011	4,574,900
• April 2012	4,585,400

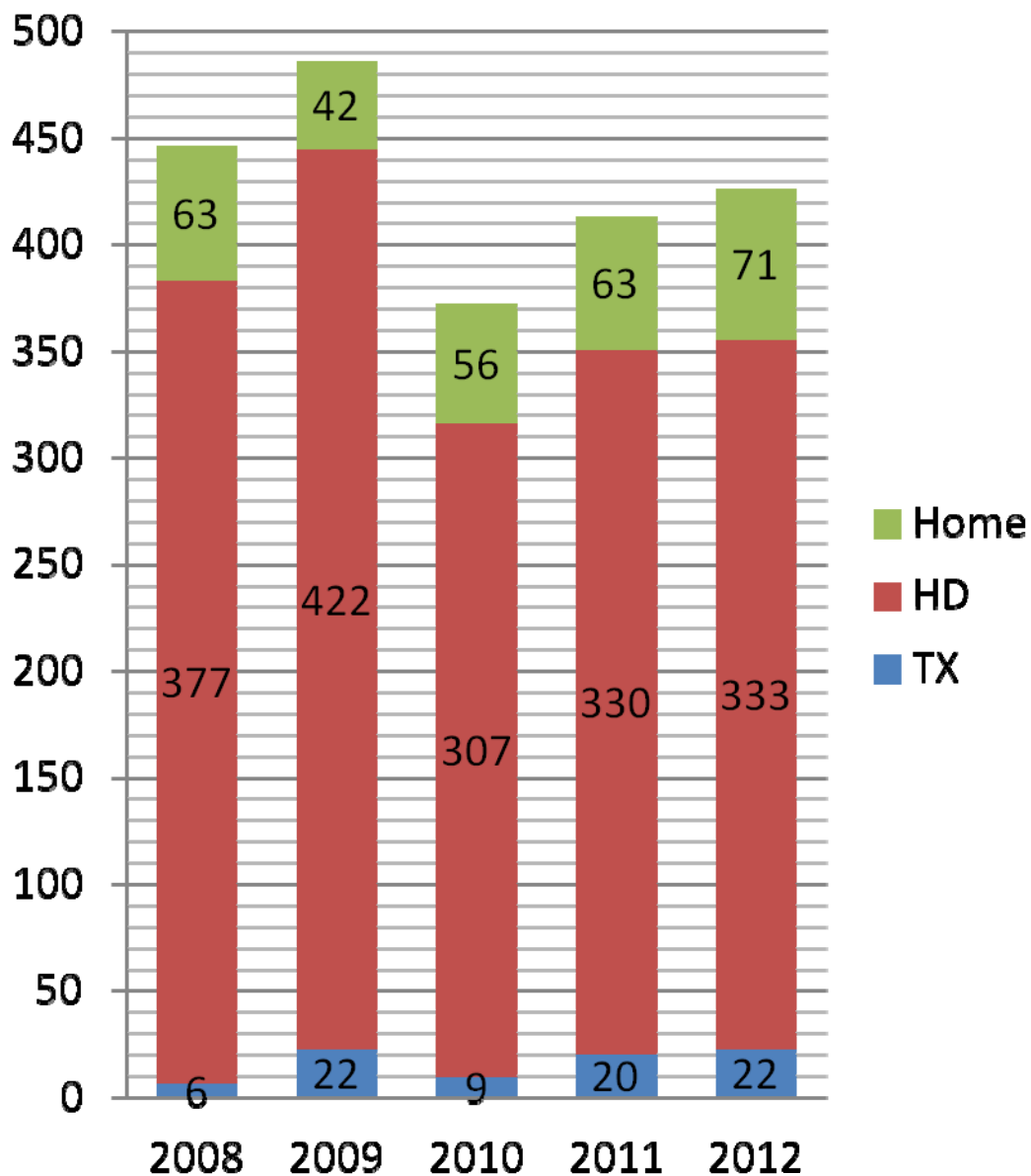
2012 INCIDENT ESKD PATIENTS ATTENDING ADULT UNITS

Incident adult ESKD patients (n)

426 patients

78% HD
17% PD
5% TX

94 p.m.p.
(95%CI: 86,102 p.m.p.)



**2012 PREVALENT ESKD PATIENTS
ATTENDING ADULT UNITS**

Prevalent ESKD patients (n)

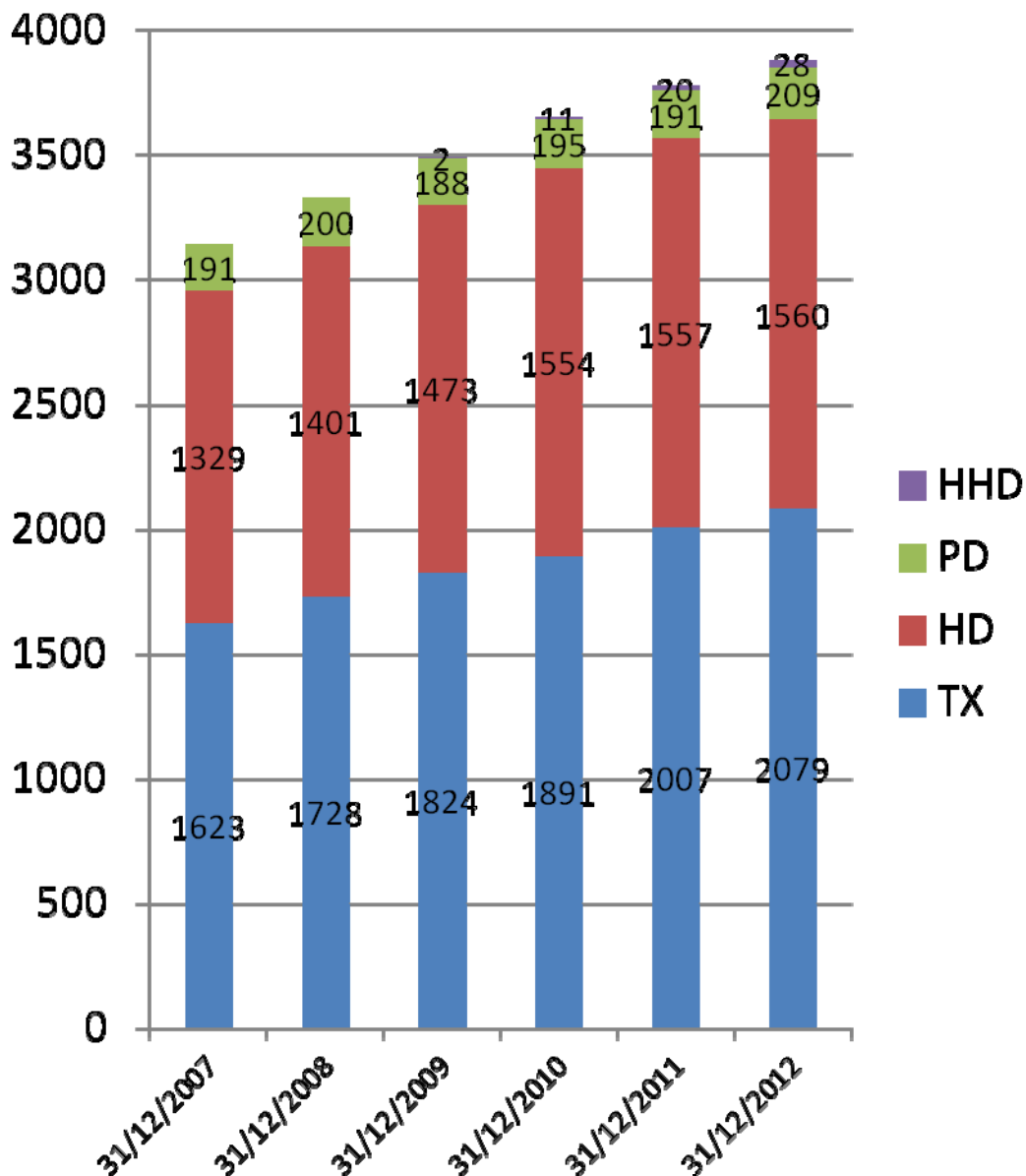
3876 patients

40% HD
6% PD/HHD
54% TX

845 p.m.p.

340

52 HD
PD/HHD 453
TX



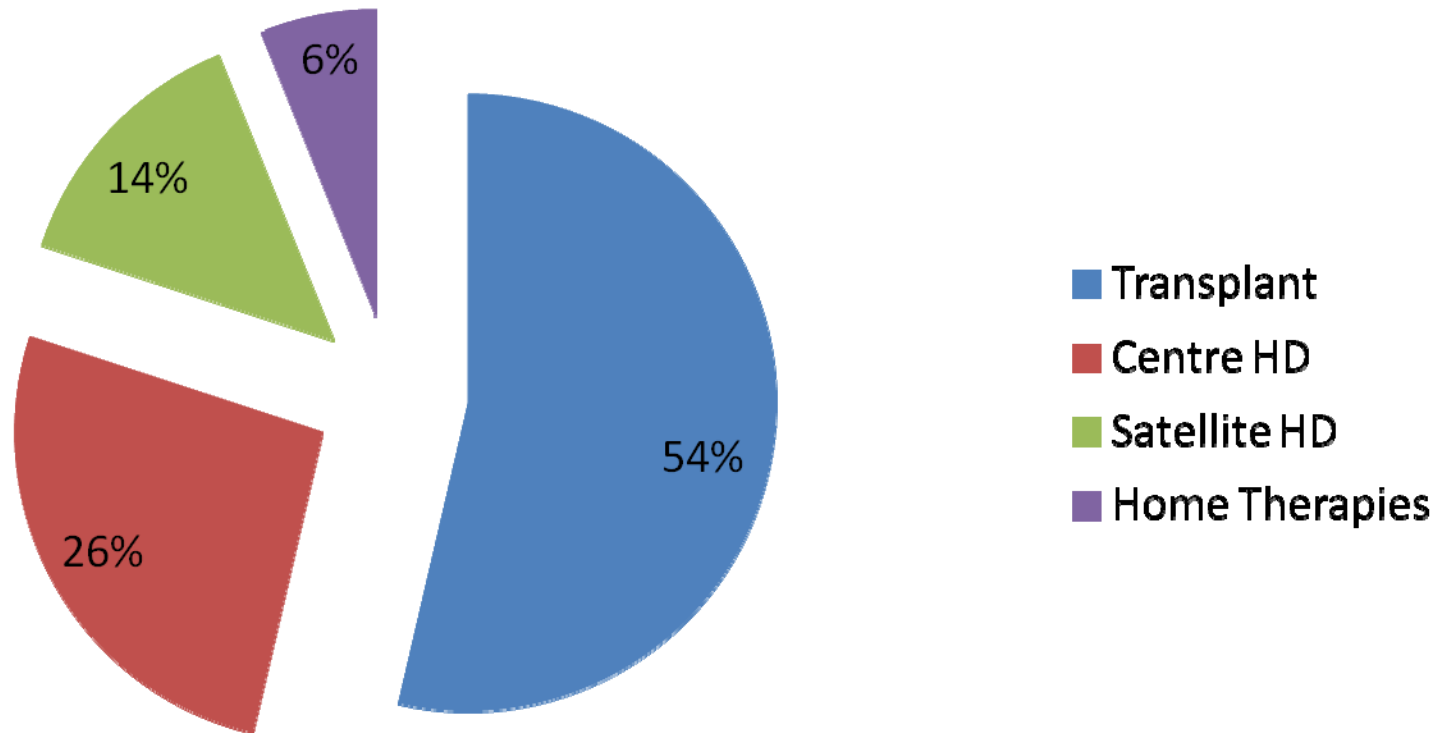
Change in 2012

• ESKD	+101	2.7%	22.0 pmp
• HD	+3	0.2%	
• PD/HHD	+26	12.3%	
• Dialysis	+29	1.6%	6.3 pmp
• TX	+72	3.6%	15.7 pmp

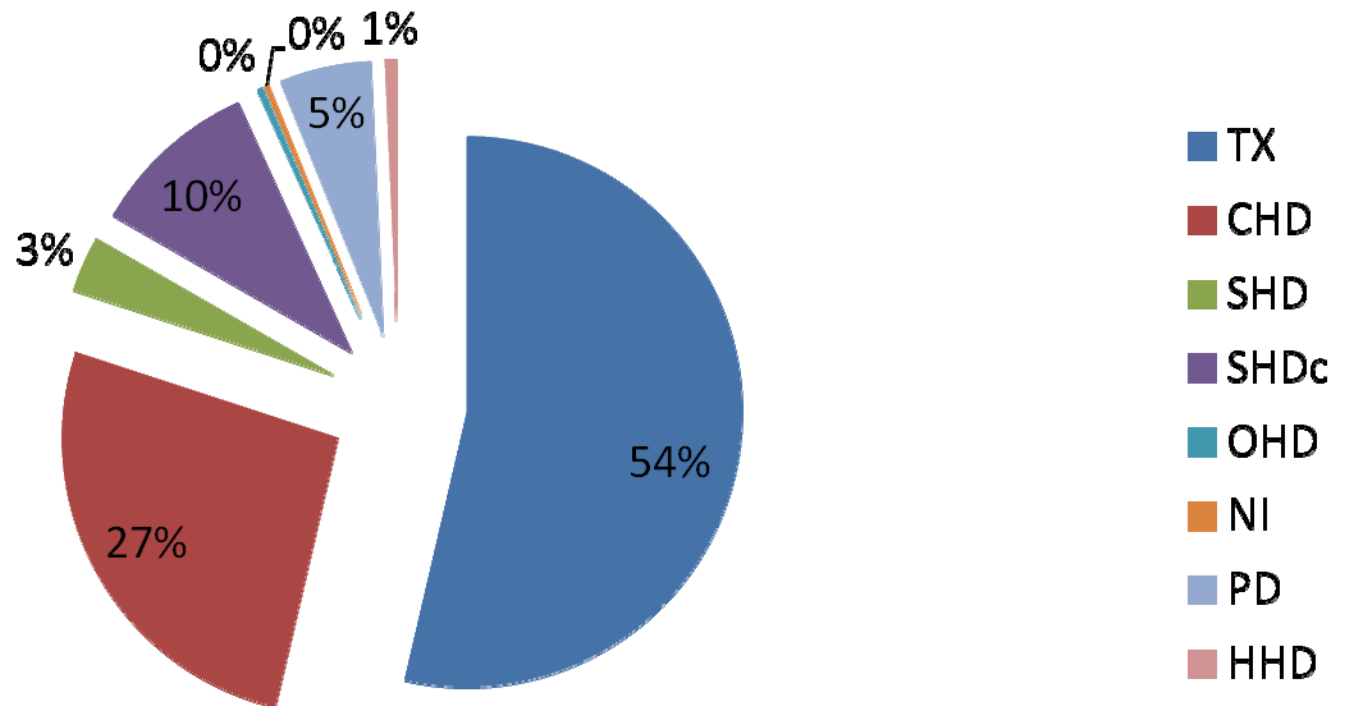
Change 2007-12

			<u>Mean (95%CI)</u>
• ESKD	+743	24%	32 (26,39)pmp pa
• HD	+231	17%	10 (3,18)pmp pa
• PD/HHD	+20	10%	3 (1,4) pmp pa
• Dialysis	+277	18%	12 (5,19) pmp pa
• TX	+466	29%	20 (16,24) pmp pa

Modalities



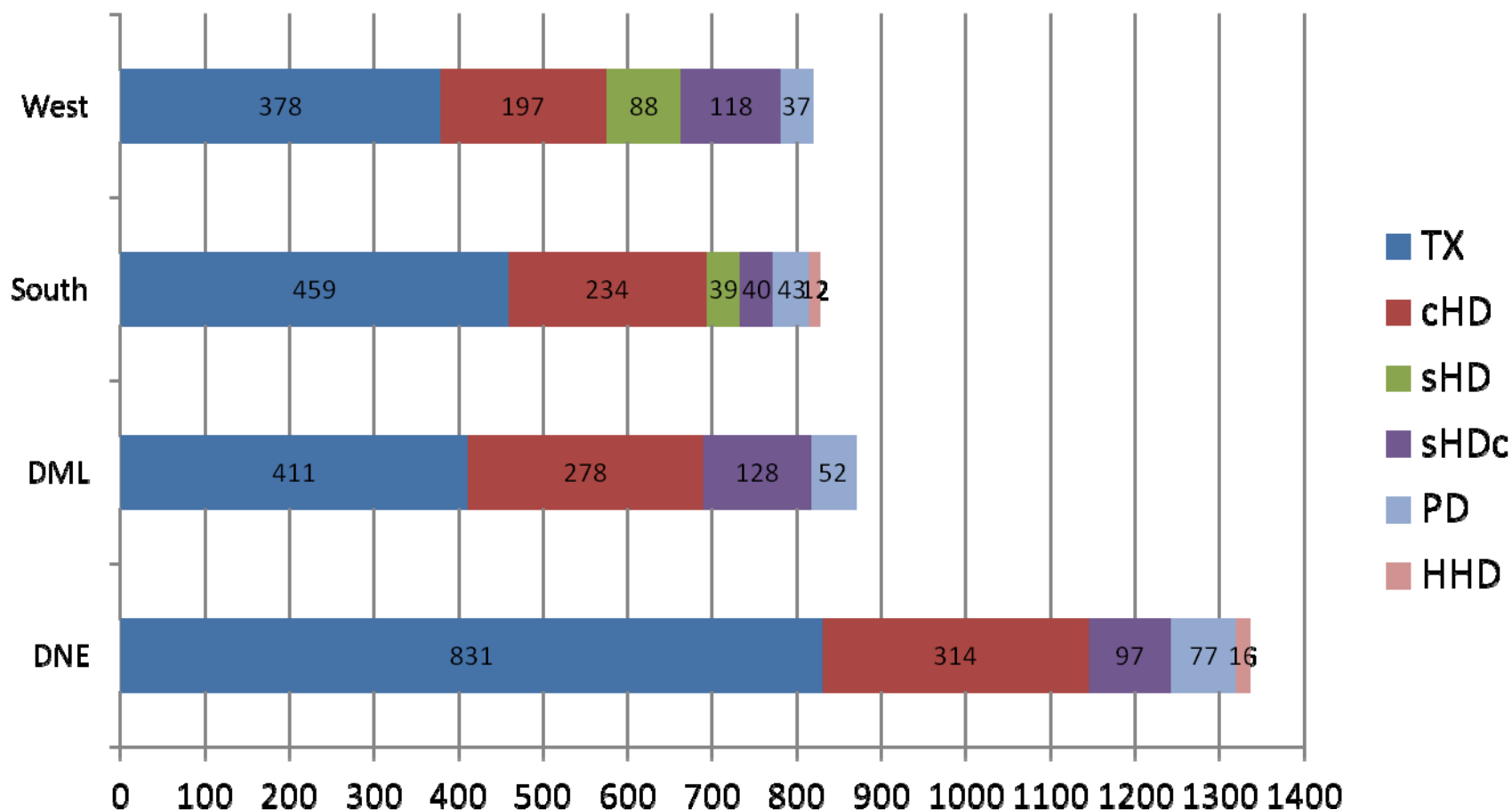
Detailed Modalities



**REGIONAL ANALYSIS
ESKD PATIENTS ATTENDING ADULT
UNITS**

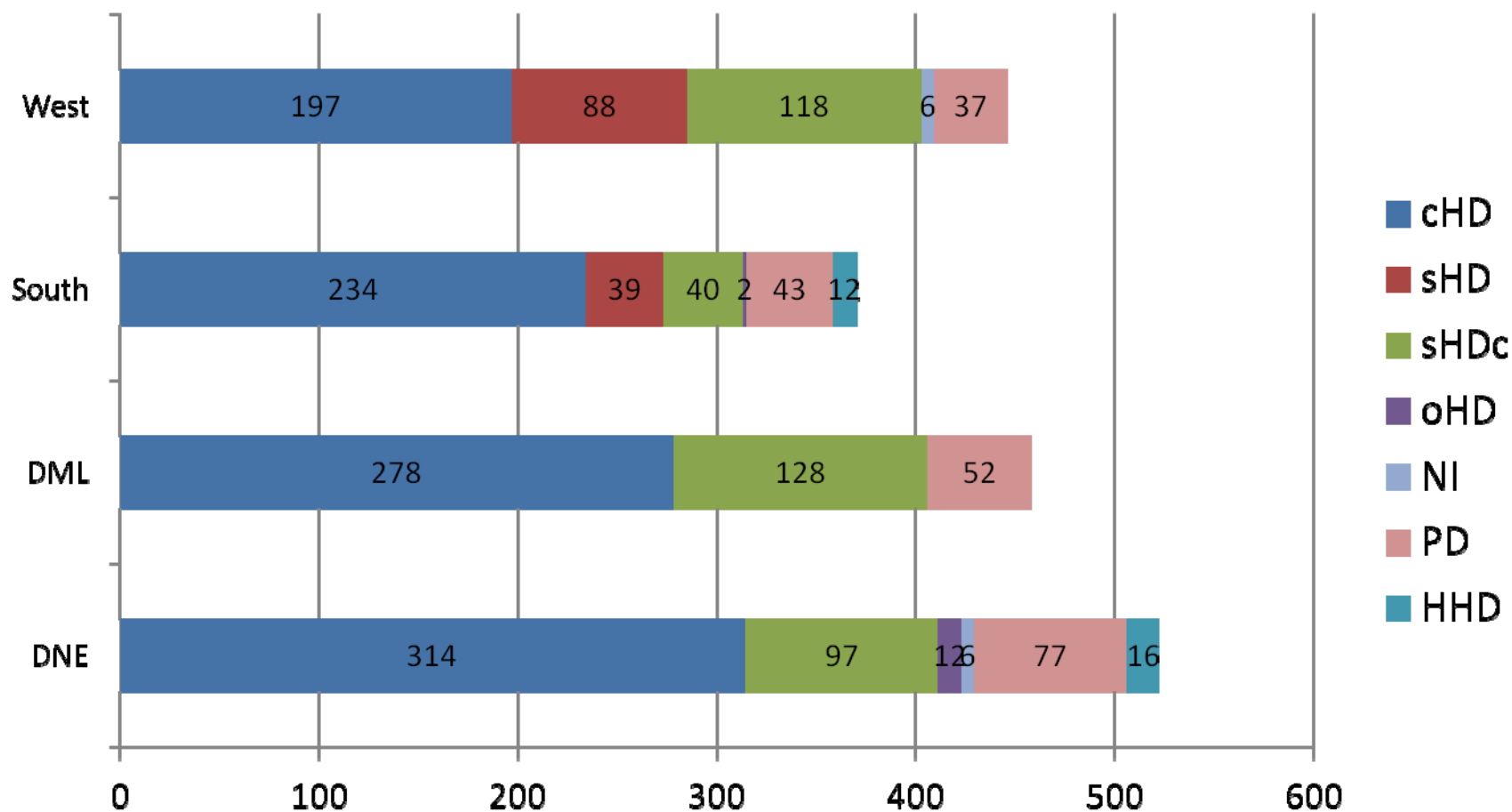
ESKD Patients 31/12/12

(total patients under governance of Units in 4 HSE Areas)



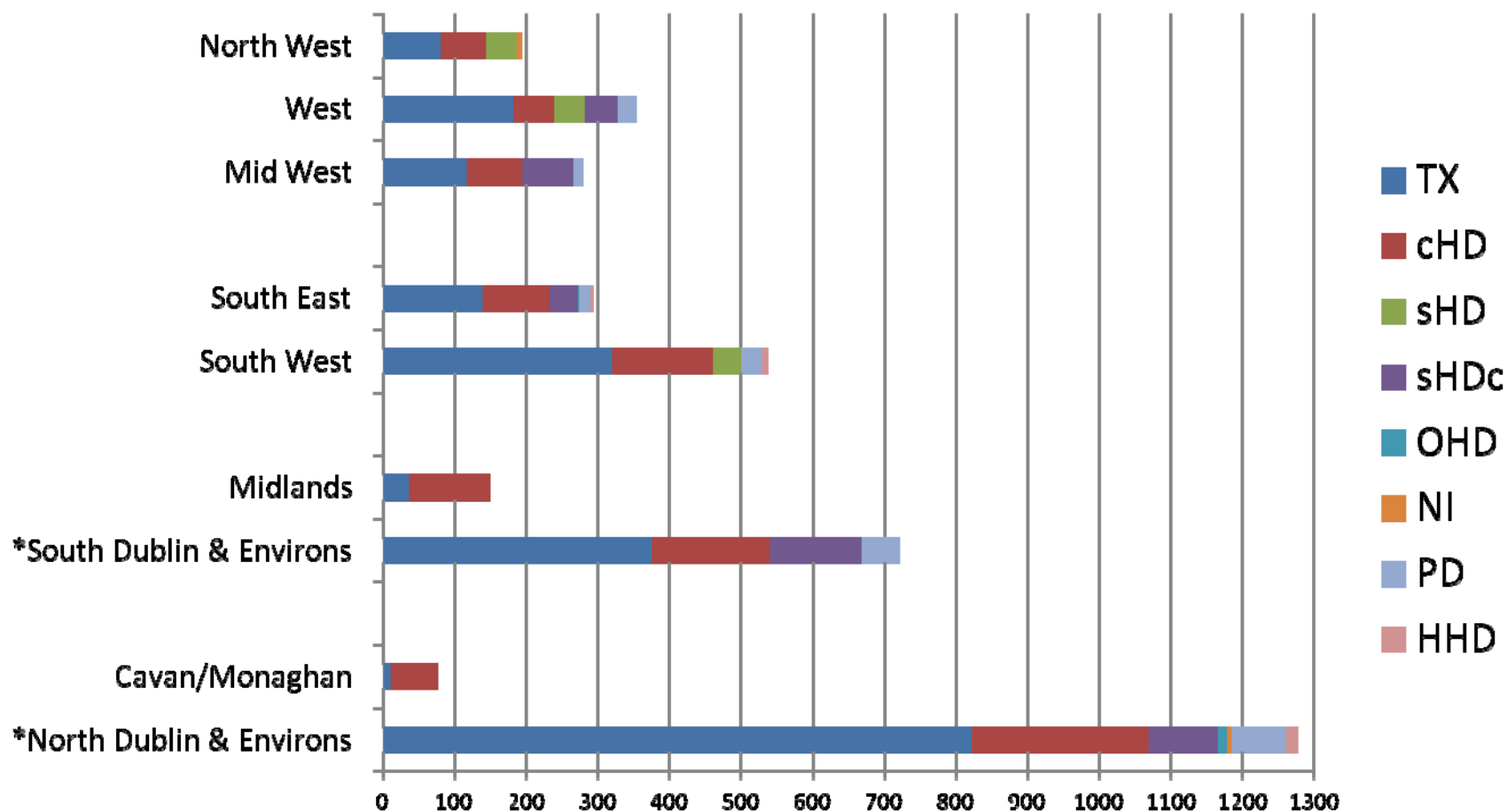
Dialysis Patients 31/12/12

(total patients under governance of Units in 4 HSE Areas)



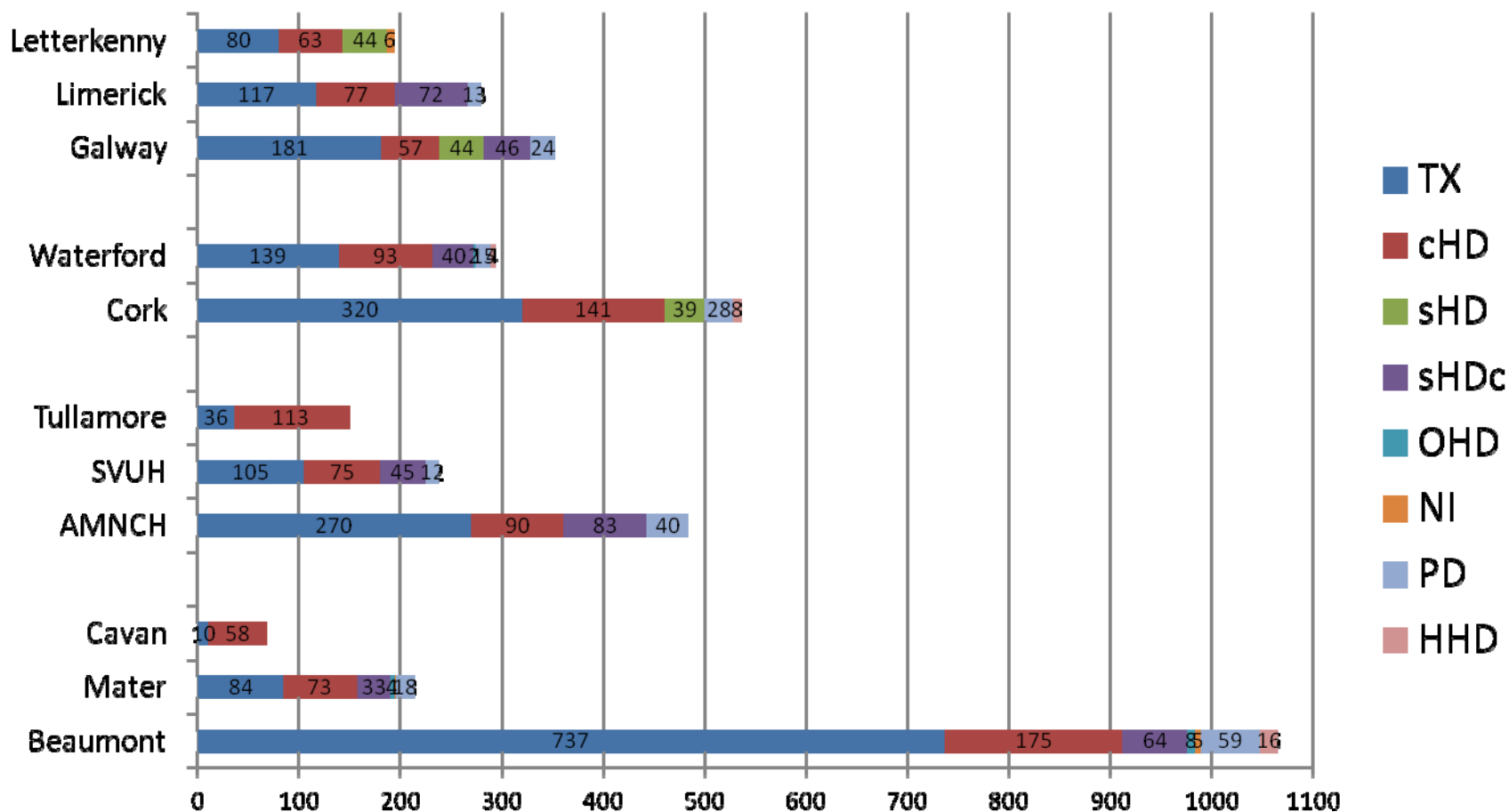
ESKD Patients 31/12/12

(total patients under governance of 9 RRT Networks)



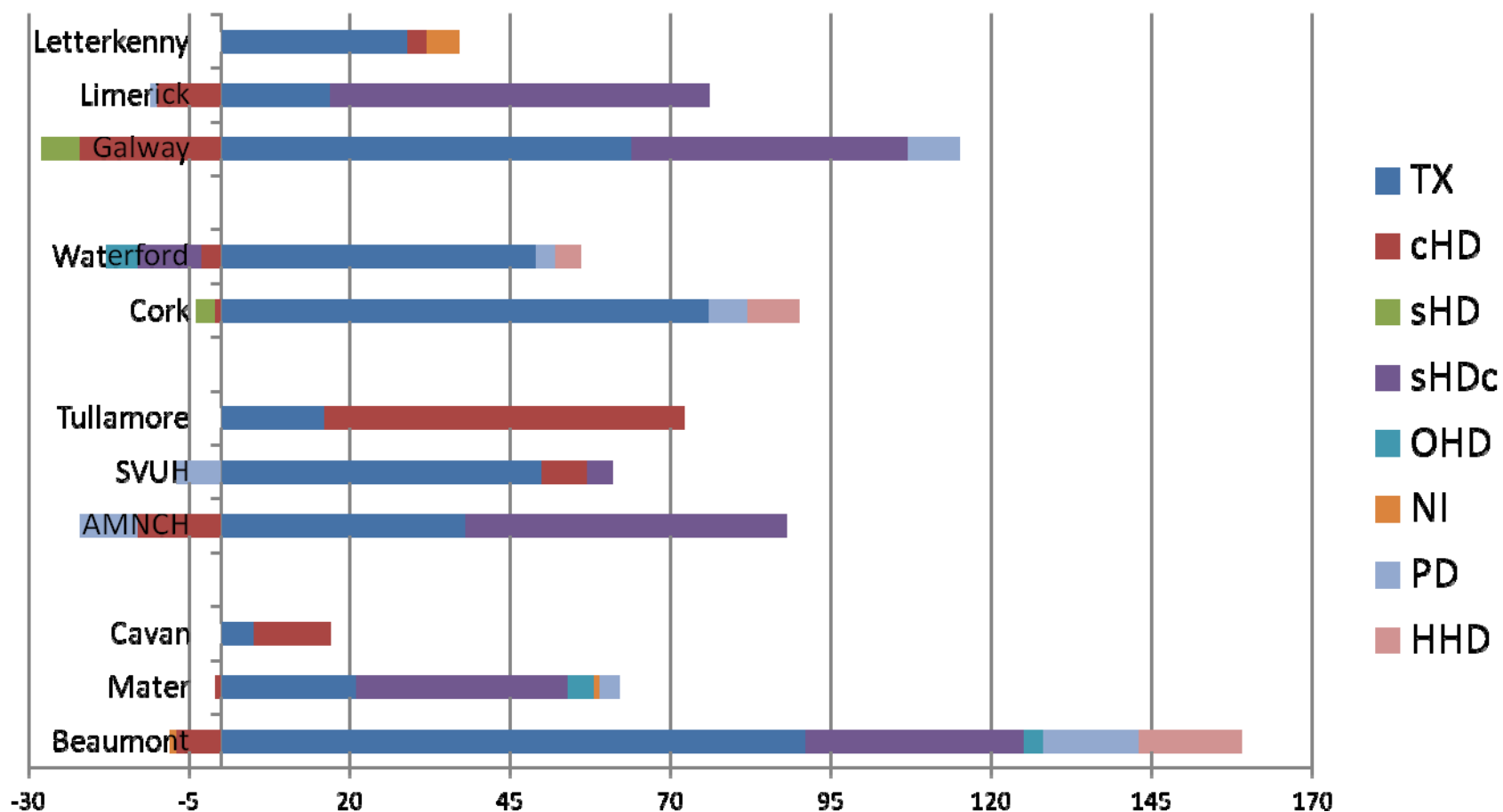
ESKD Patients 31/12/12

(total patients under governance of 11 Parent Renal Units)



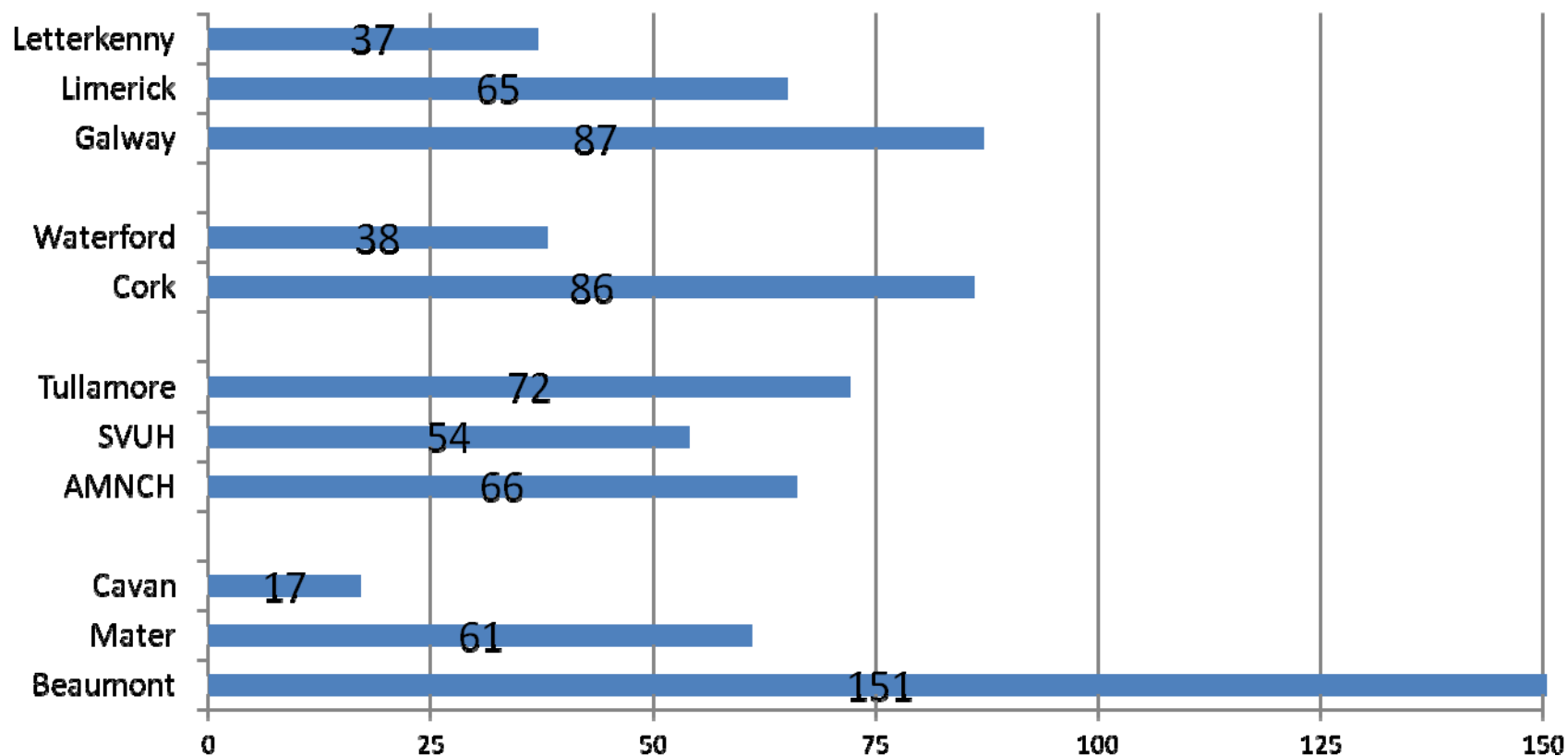
Change in ESKD Patient Numbers 2007-12

(total patients under governance of 11 Parent Renal Units)



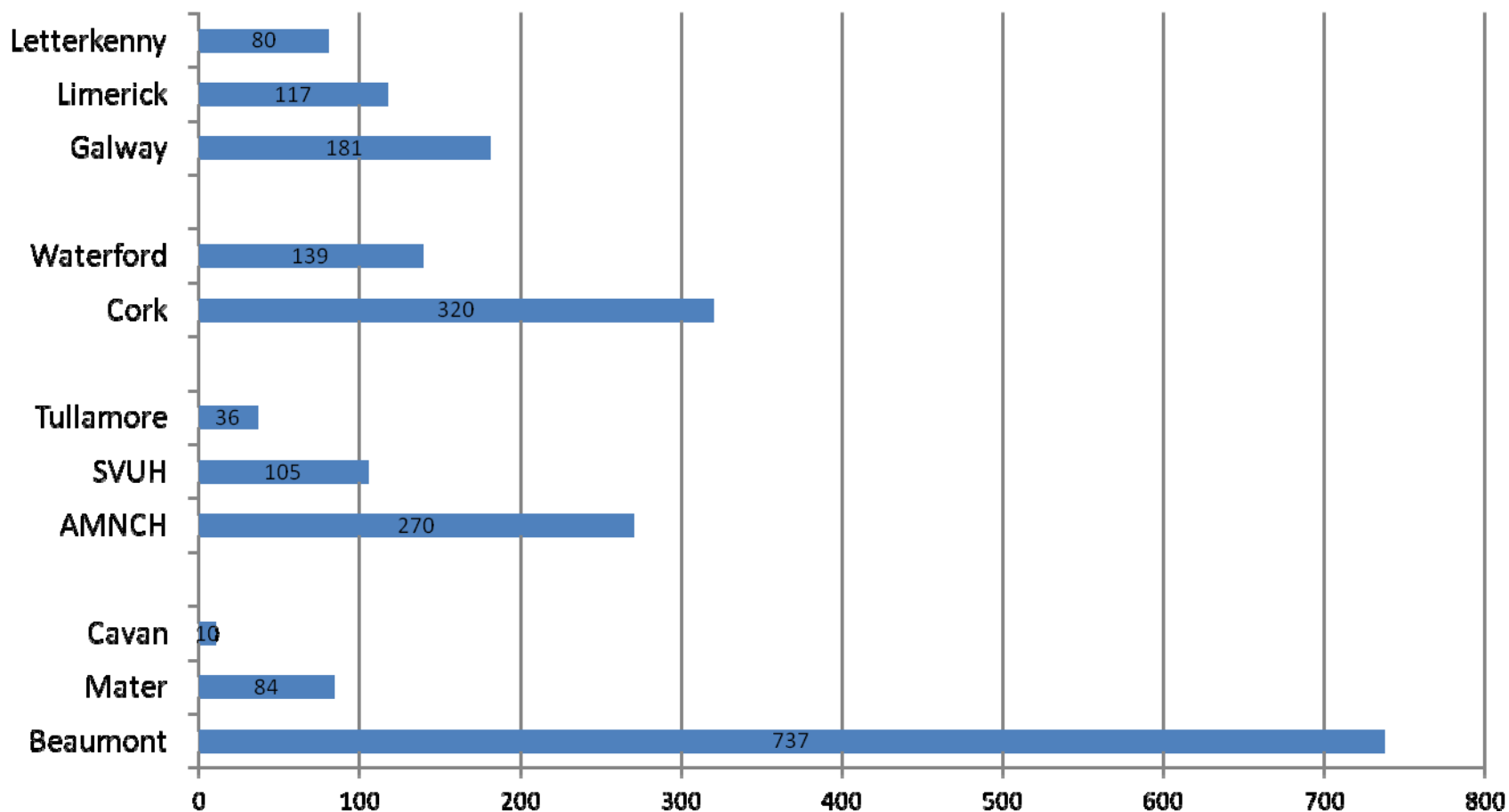
Total Change in ESKD Patient Numbers 2007-12

(total patients under governance of 11 Parent Renal Units)



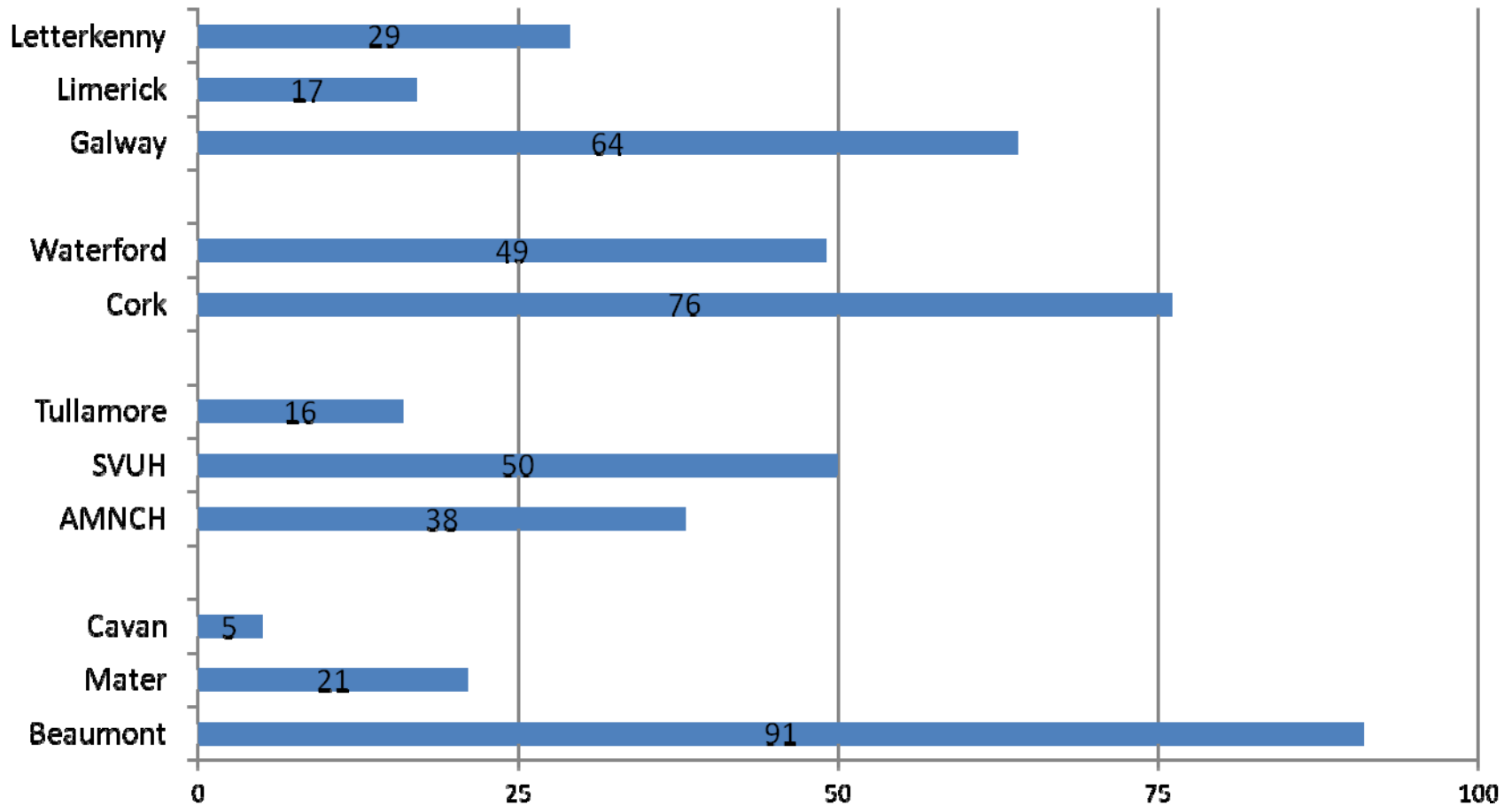
TX Patients 31/12/12

(patients under governance of 11 Parent Renal Units)



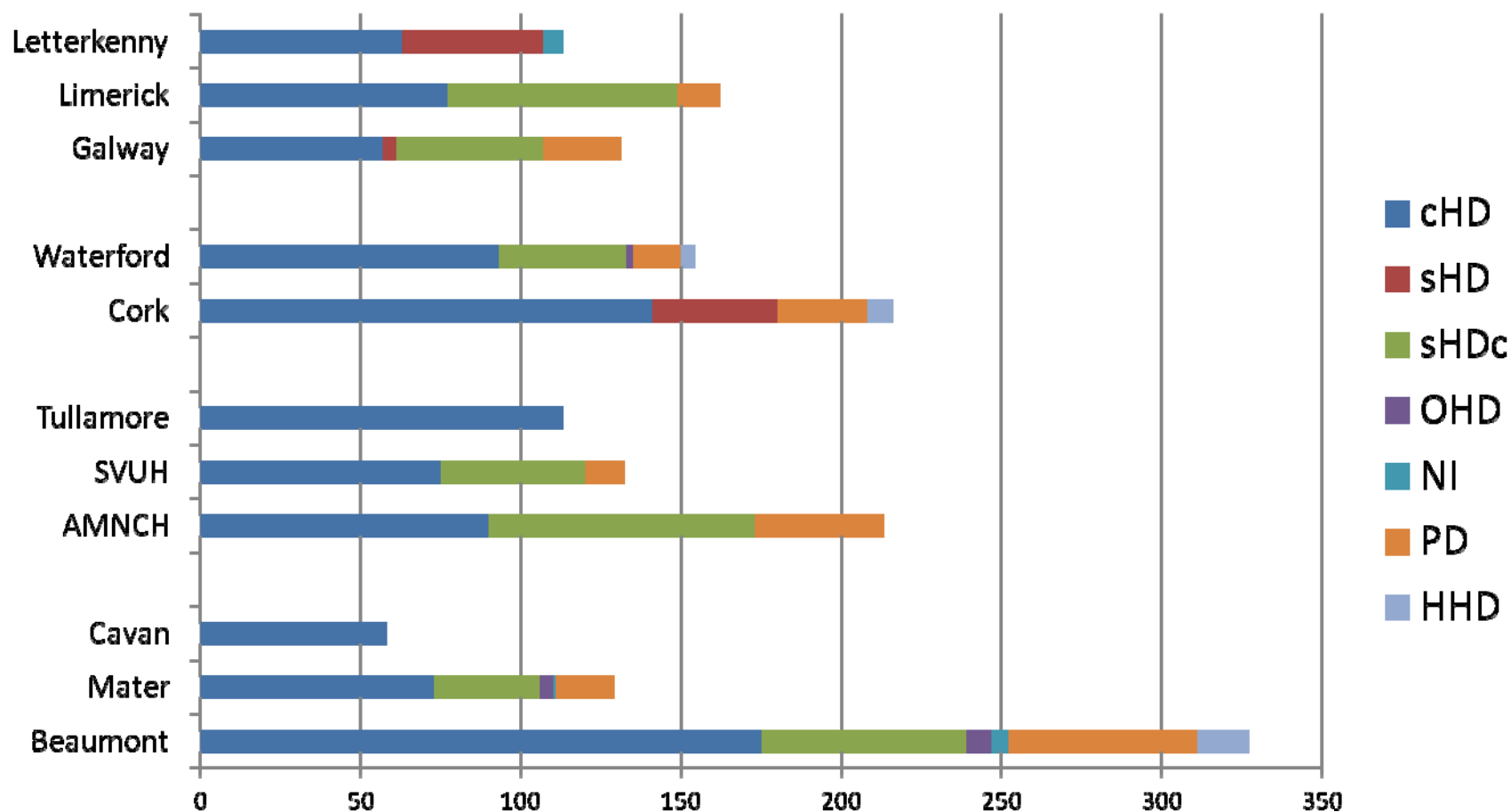
Change in TX Patient Numbers 2007-12

(patients under governance of 11 Parent Renal Units)



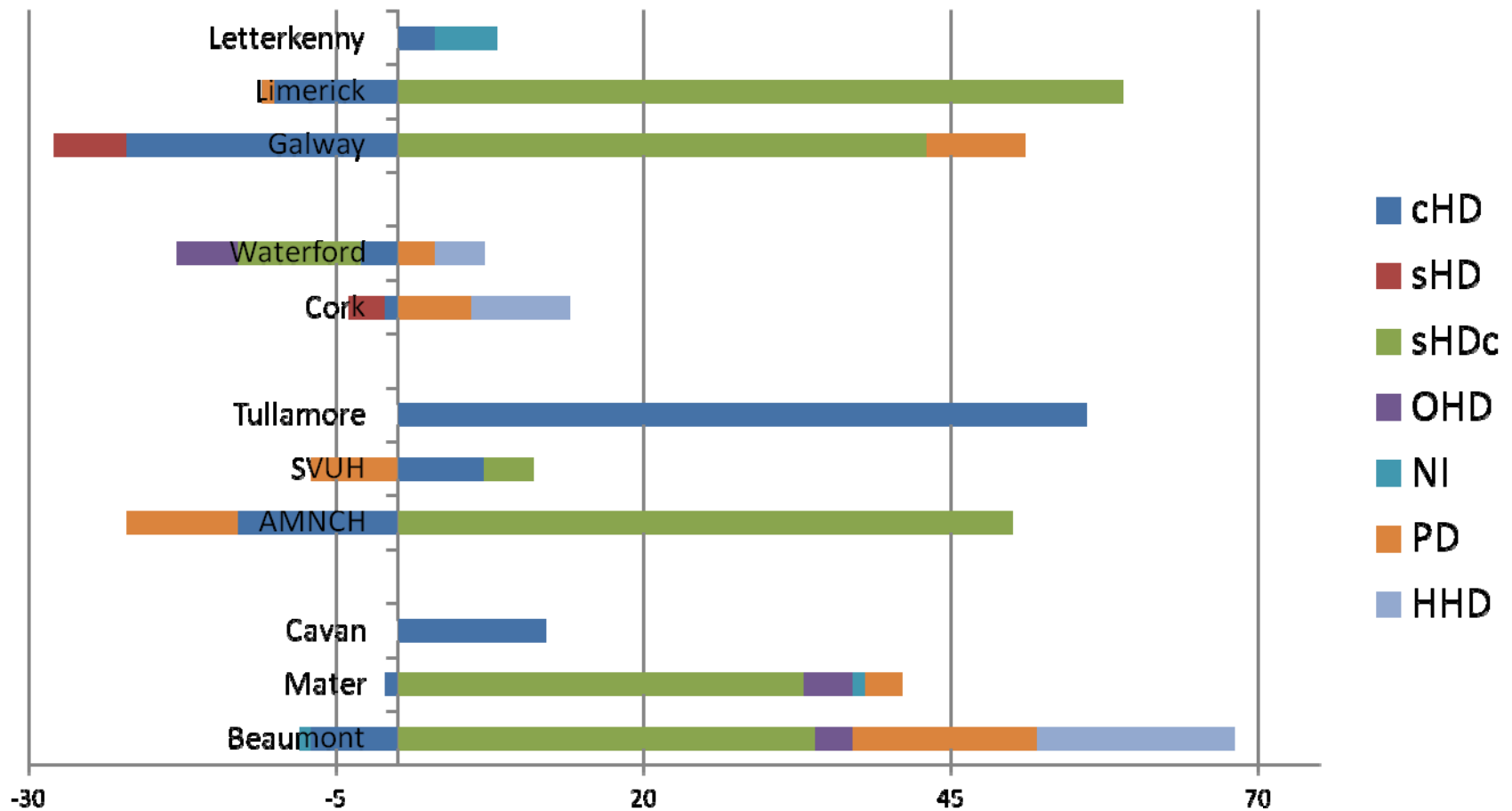
Dialysis Patients 31/12/12

(patients under governance of 11 Parent Renal Units)



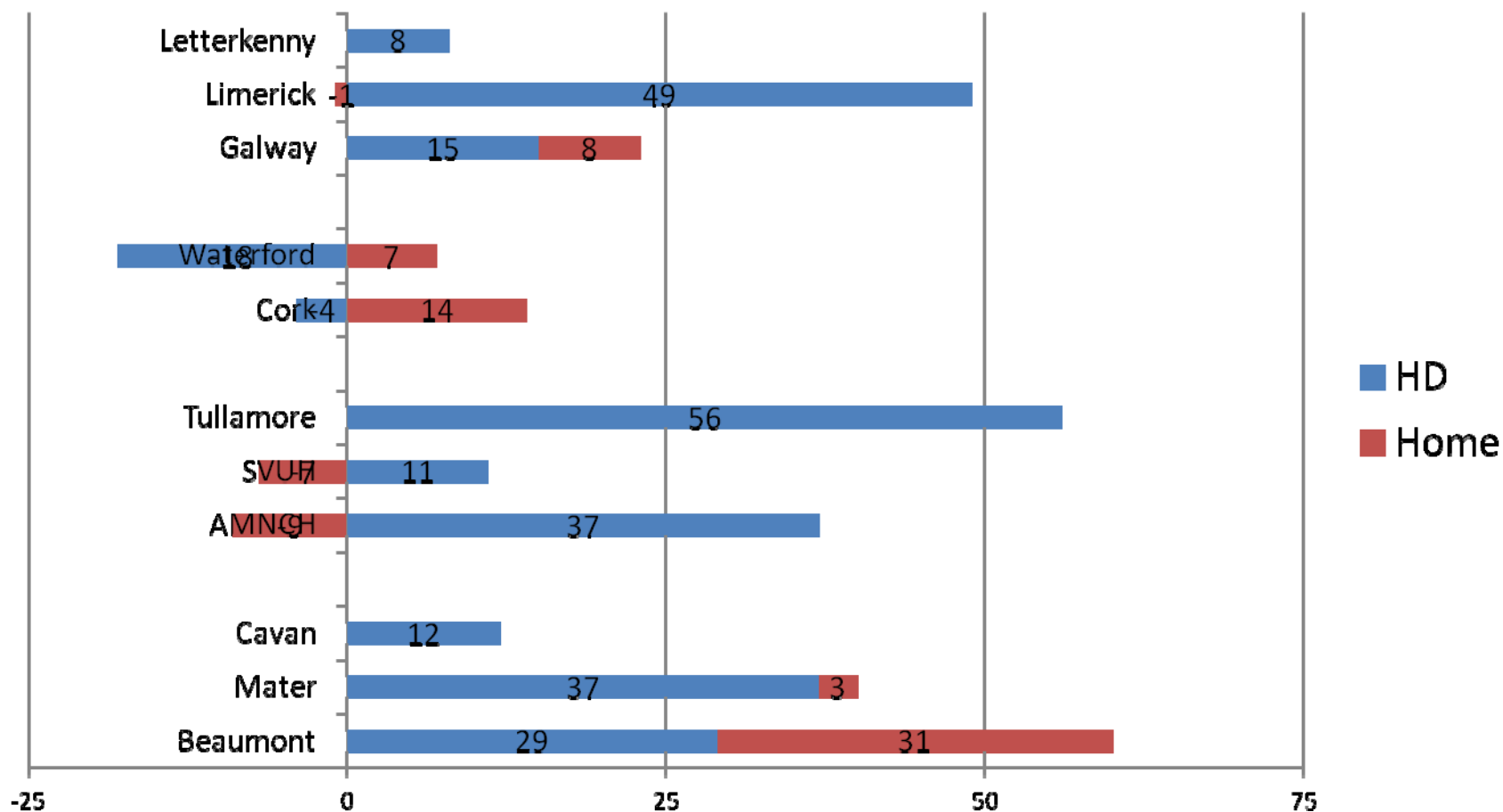
Change in Dialysis Patient Numbers 2007-12

(patients under governance of 11 Parent Renal Units)



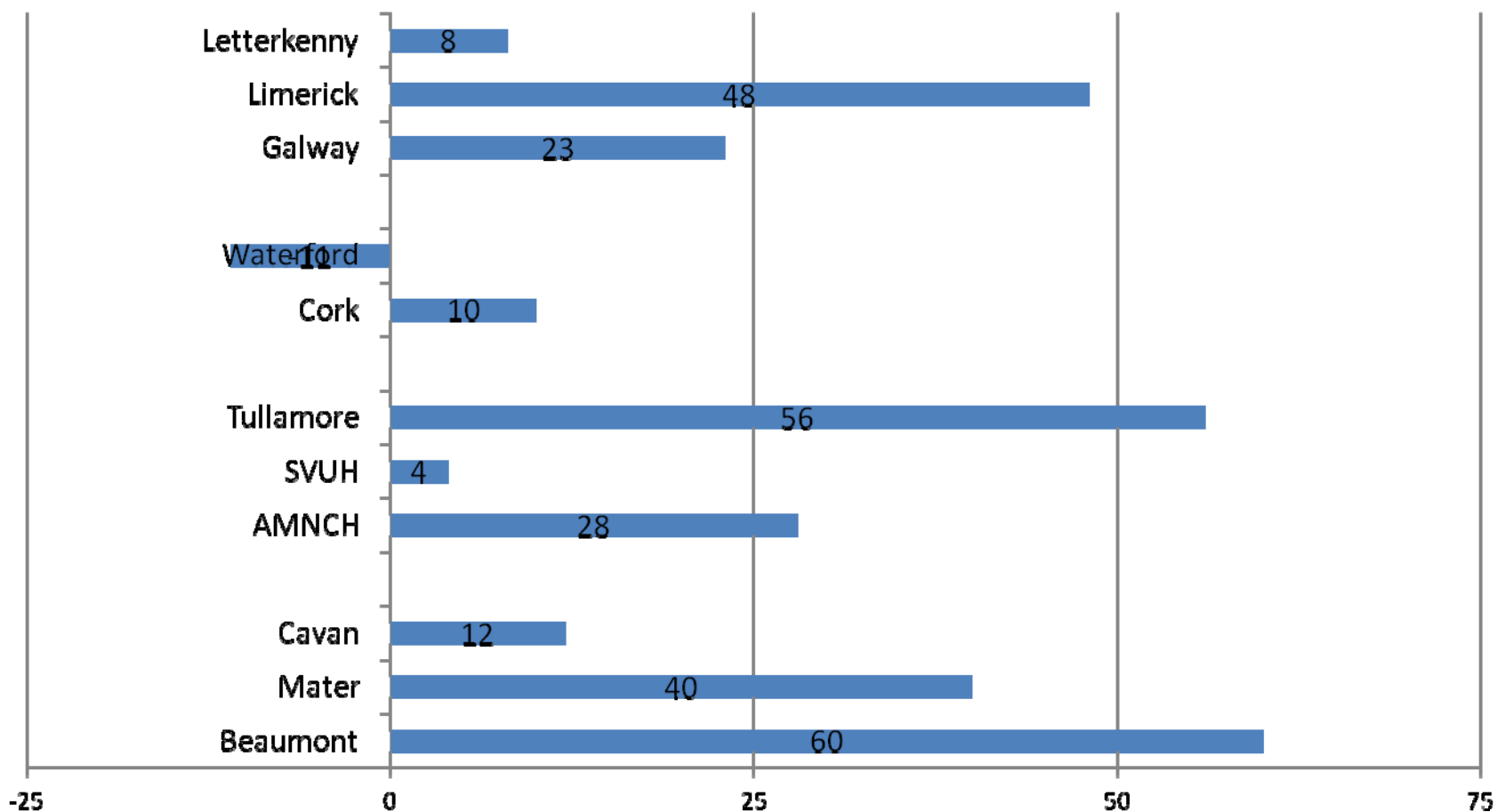
Change in Centre/Home Dialysis Patient Numbers 2007-12

(patients under governance of 11 Parent Renal Units)



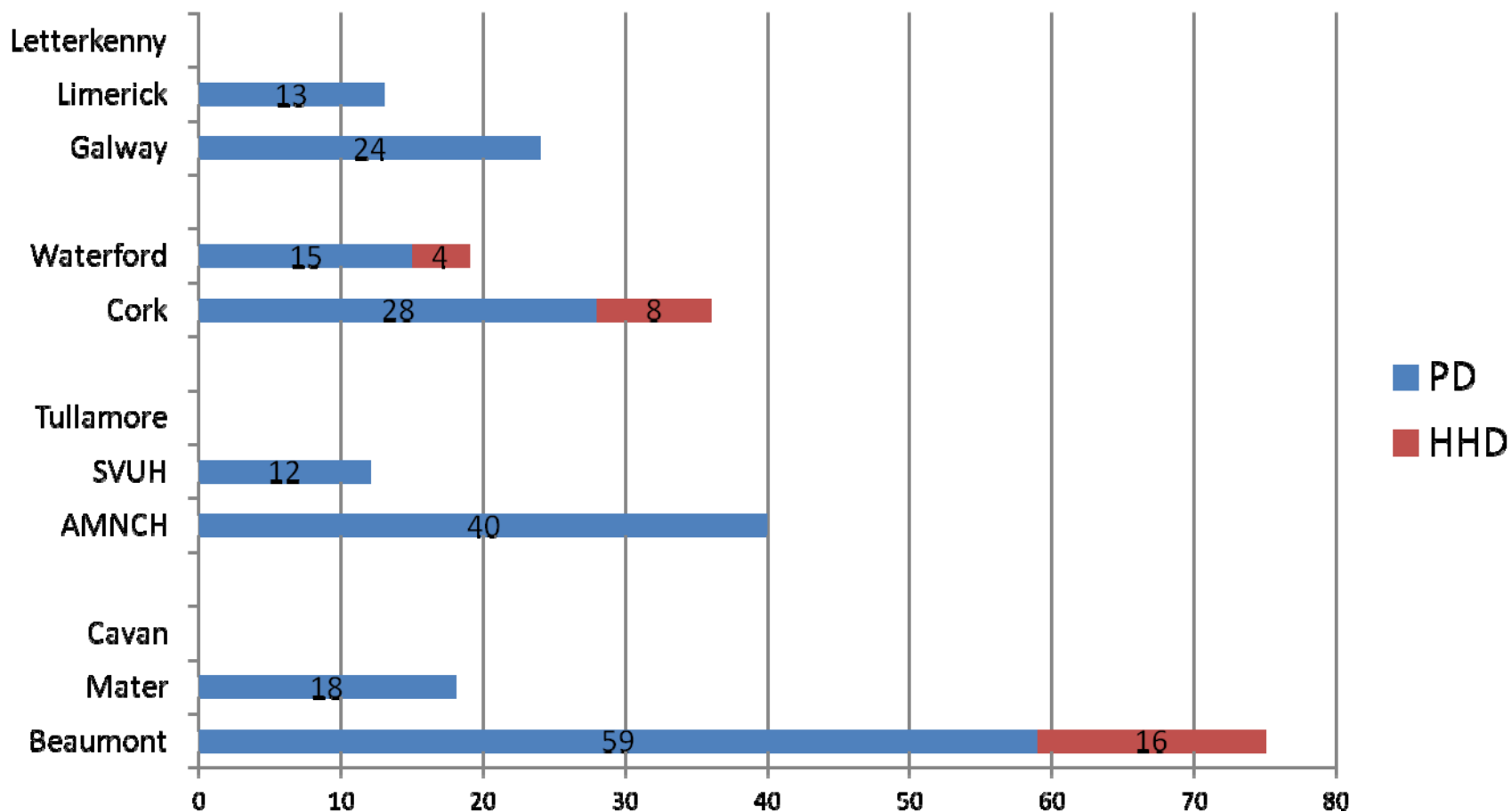
Change in Total Dialysis Patient Numbers 2007-12

(patients under governance of 11 Parent Renal Units)



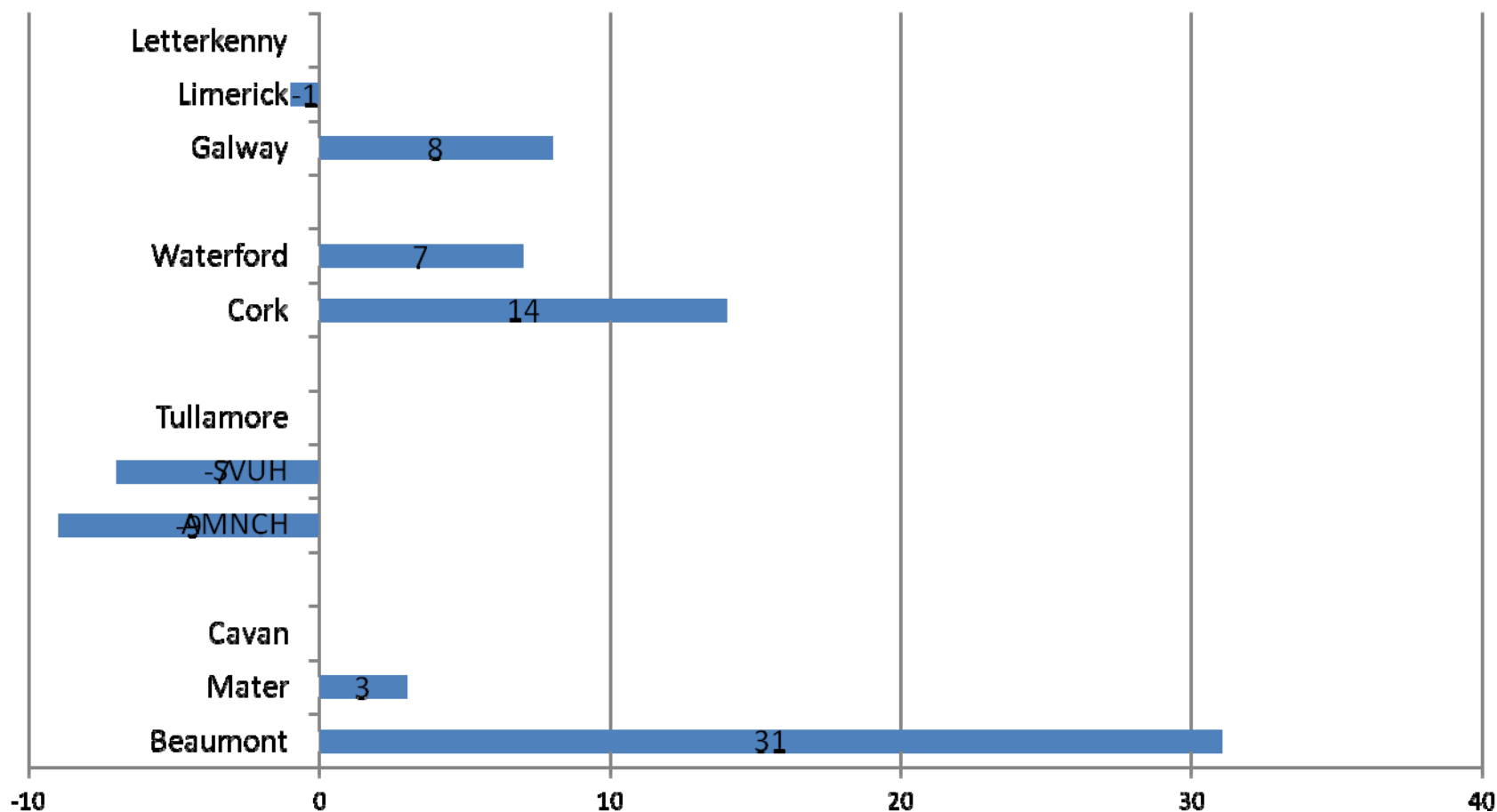
Home Therapies Patients 31/12/12

(total patients under governance of 11 Parent Renal Units)



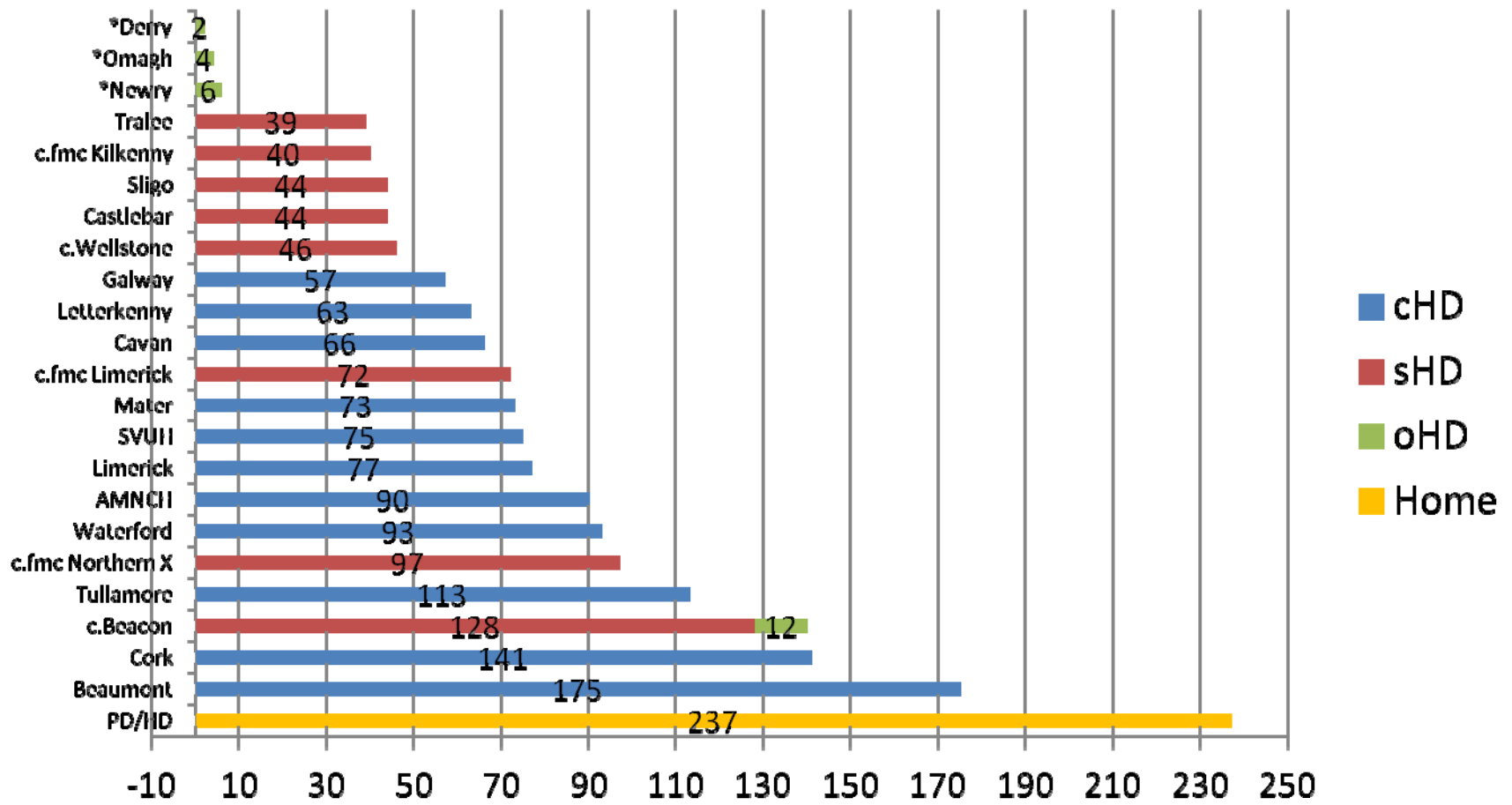
Change in Home Dialysis Patient Numbers 2007-12

(patients under governance of 11 Parent Renal Units)



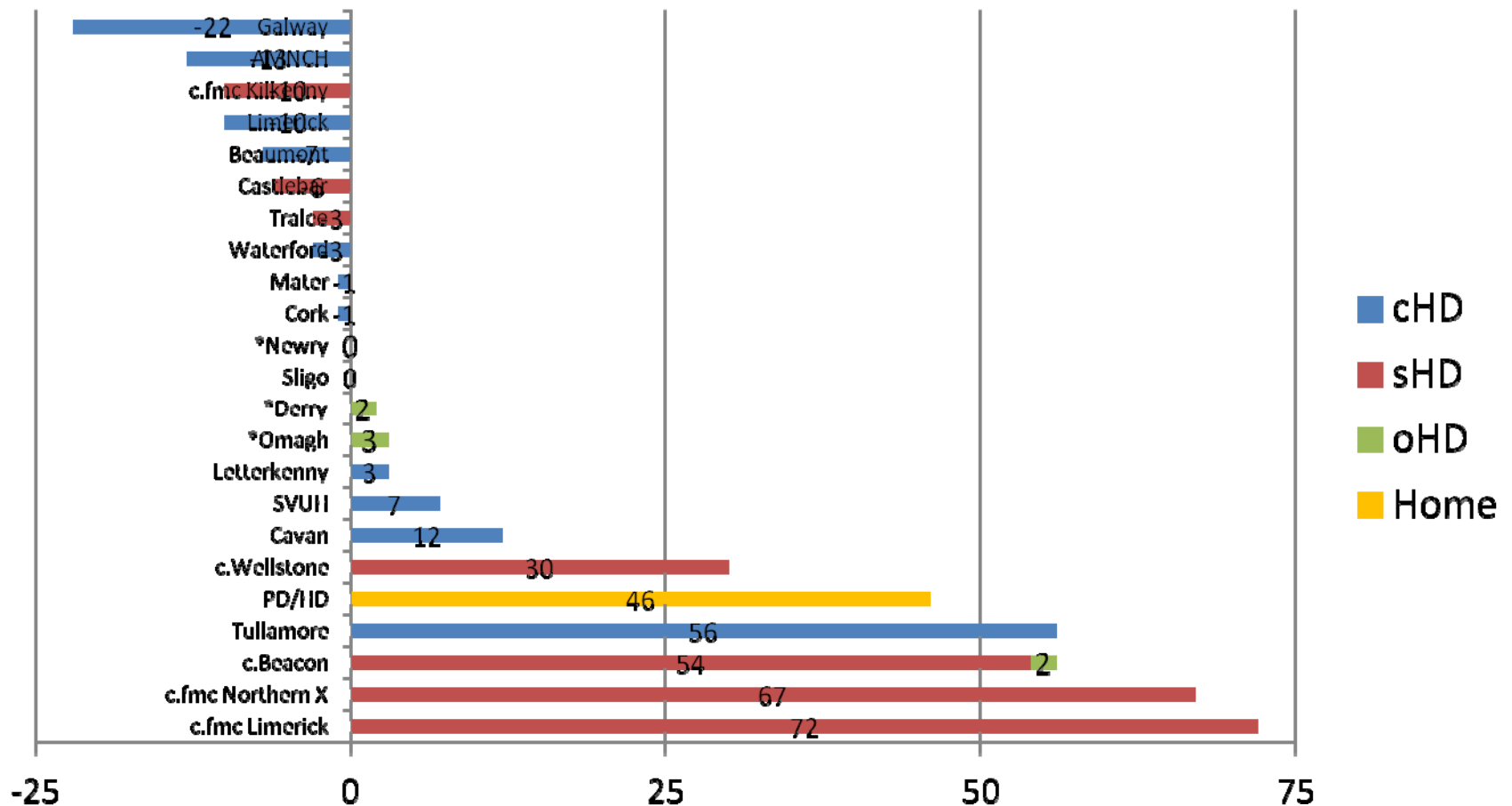
HD Patients 31/12/12

(HD patients per facility/PD and HHD also illustrated)



Change in HD Patients 2007-12

(HD patients per facility/PD and HHD also illustrated)



ESKD PATIENTS ATTENDING PAEDIATRIC UNITS

Prevalent Paediatric ESKD patients (n)

81 patients

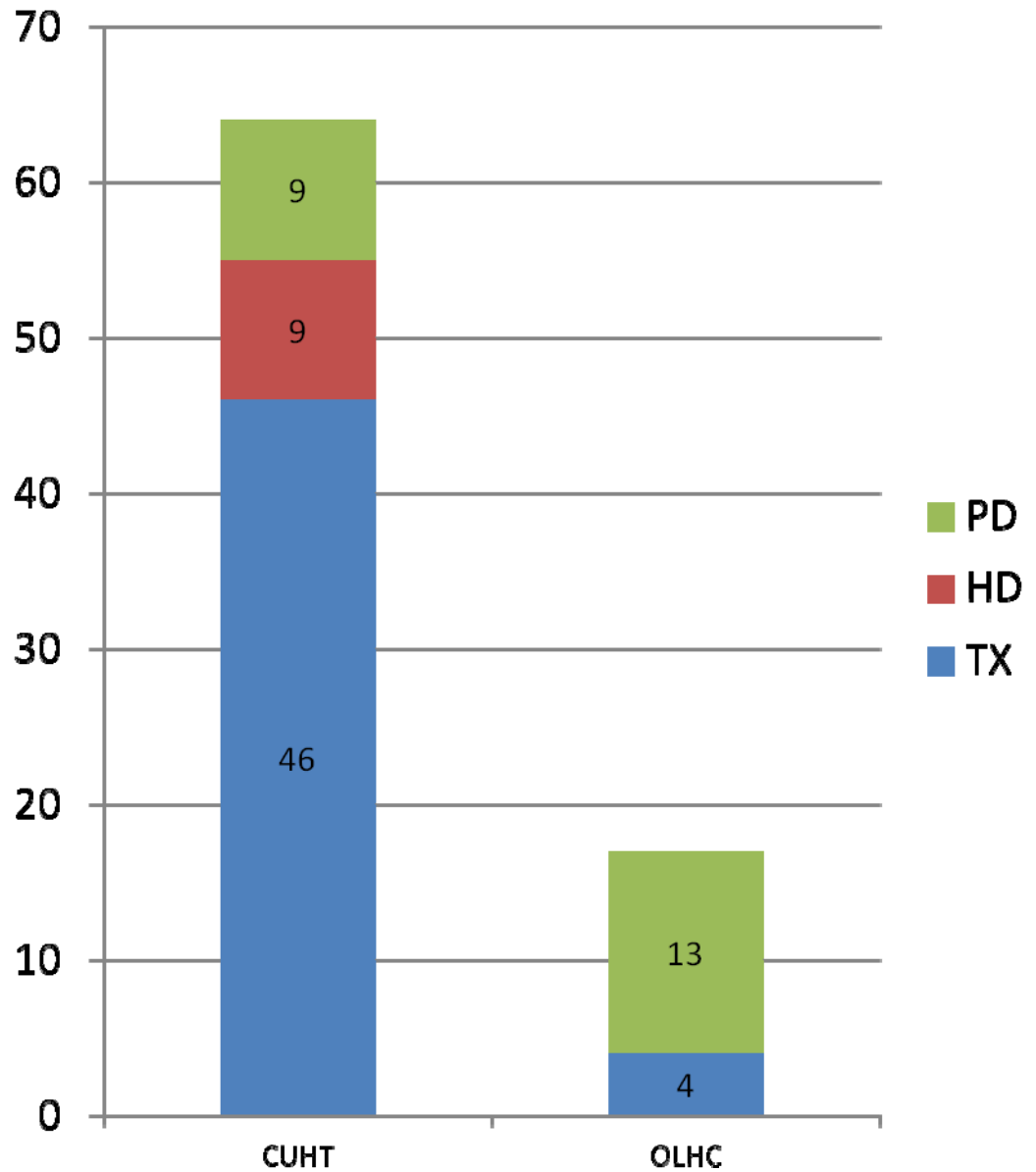
11%

HD
27% PD
62% TX

18 p.m.p.

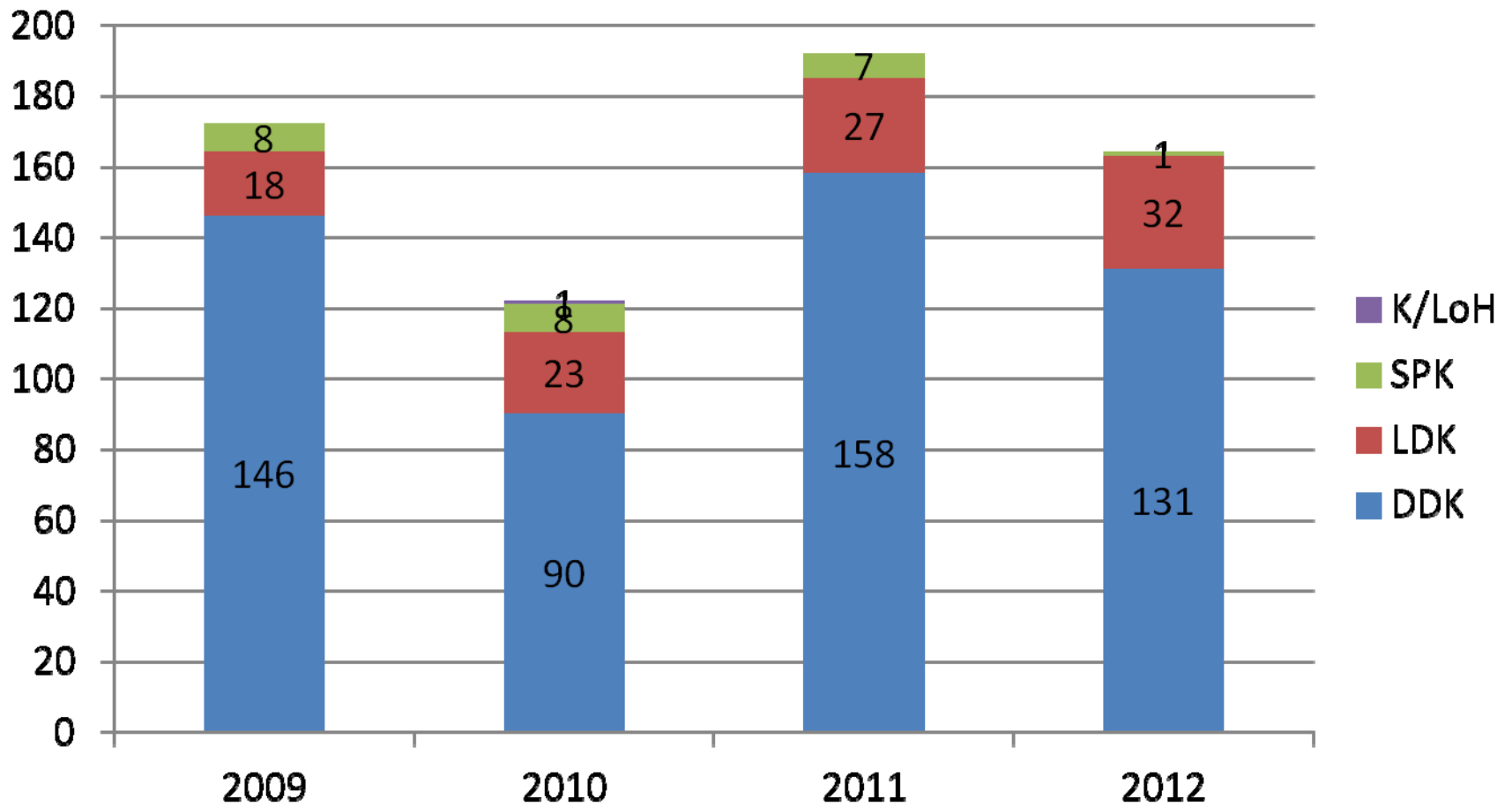
2

HD
5 PD
10 TX

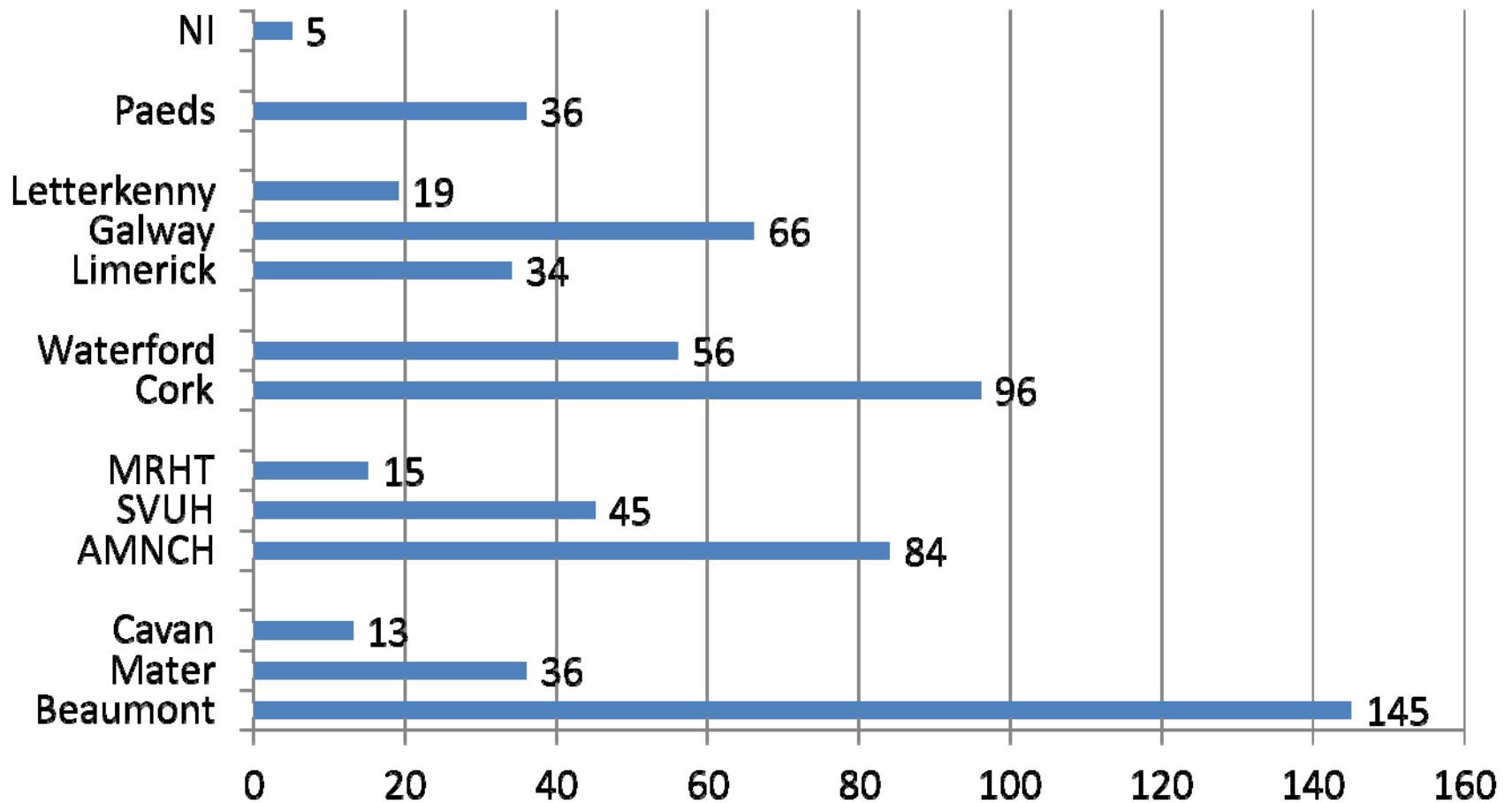


TRANSPLANT ACTIVITY

Transplants 2009-12



Transplants 2009-12



Transplants 2009-12

■ DNE ■ DML ■ South ■ West ■ Paeds ■ NI

