



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

# Epidemiology of ESKD in Adults in Ireland

## 2009 Headline Statistics

### National Renal Office

# Methodology

- NRO Annual Census on 31<sup>st</sup> December
- Standardised data collection instrument
- Not patient-linked
- No external validation
- Death/modality transfer not collected
- Area of residence of TX patients not collected
  
- Comparison with NI UKRR data

# CSO population estimates

- April 2005 4,133,800
- Census 2006 4,239,848
- April 2007 4,339,000
- April 2008 4,422,100
- April 2009 4,459,300

**Incidence**

# Incident ESKD patients (n)

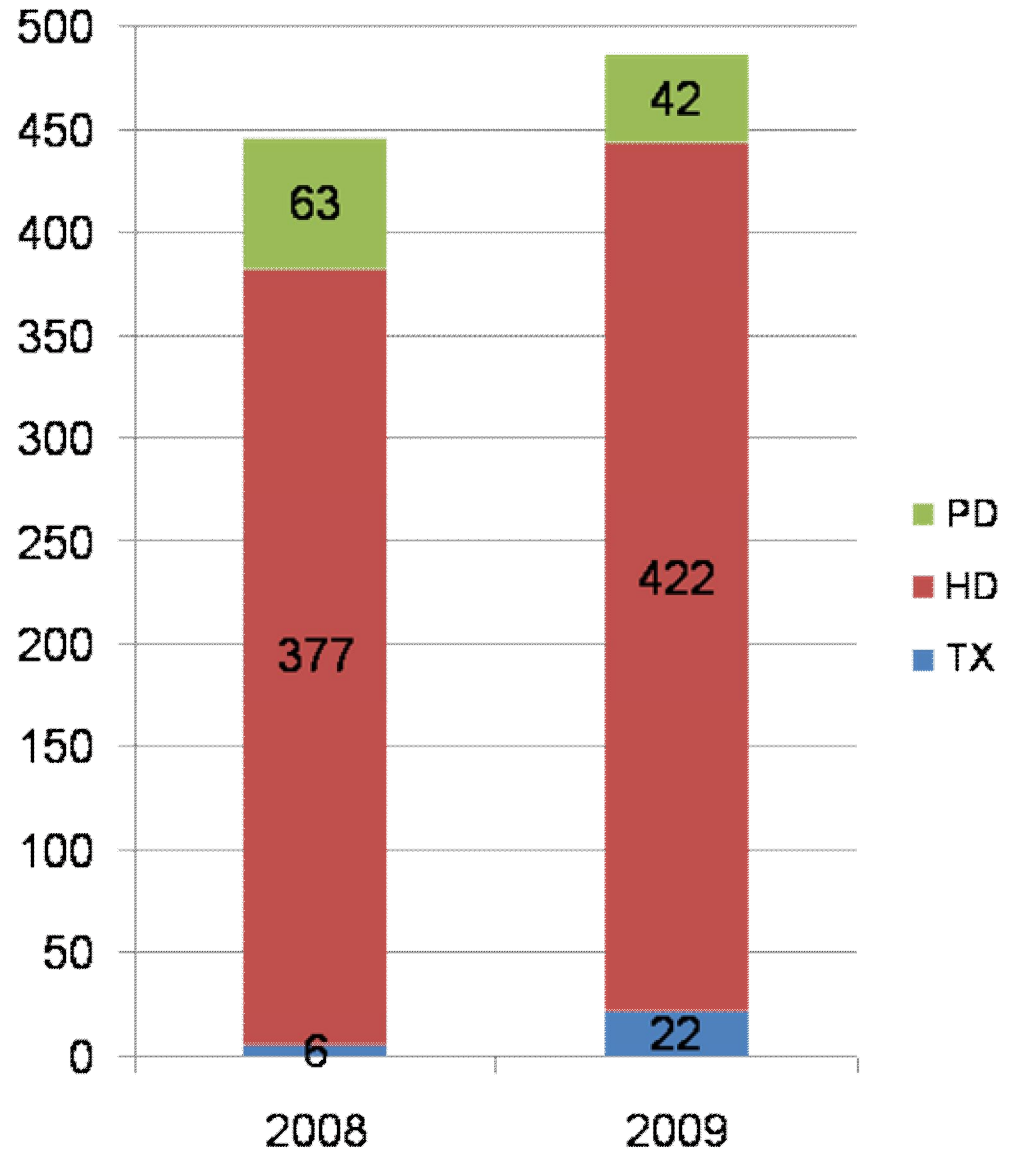
487 patients

87% HD

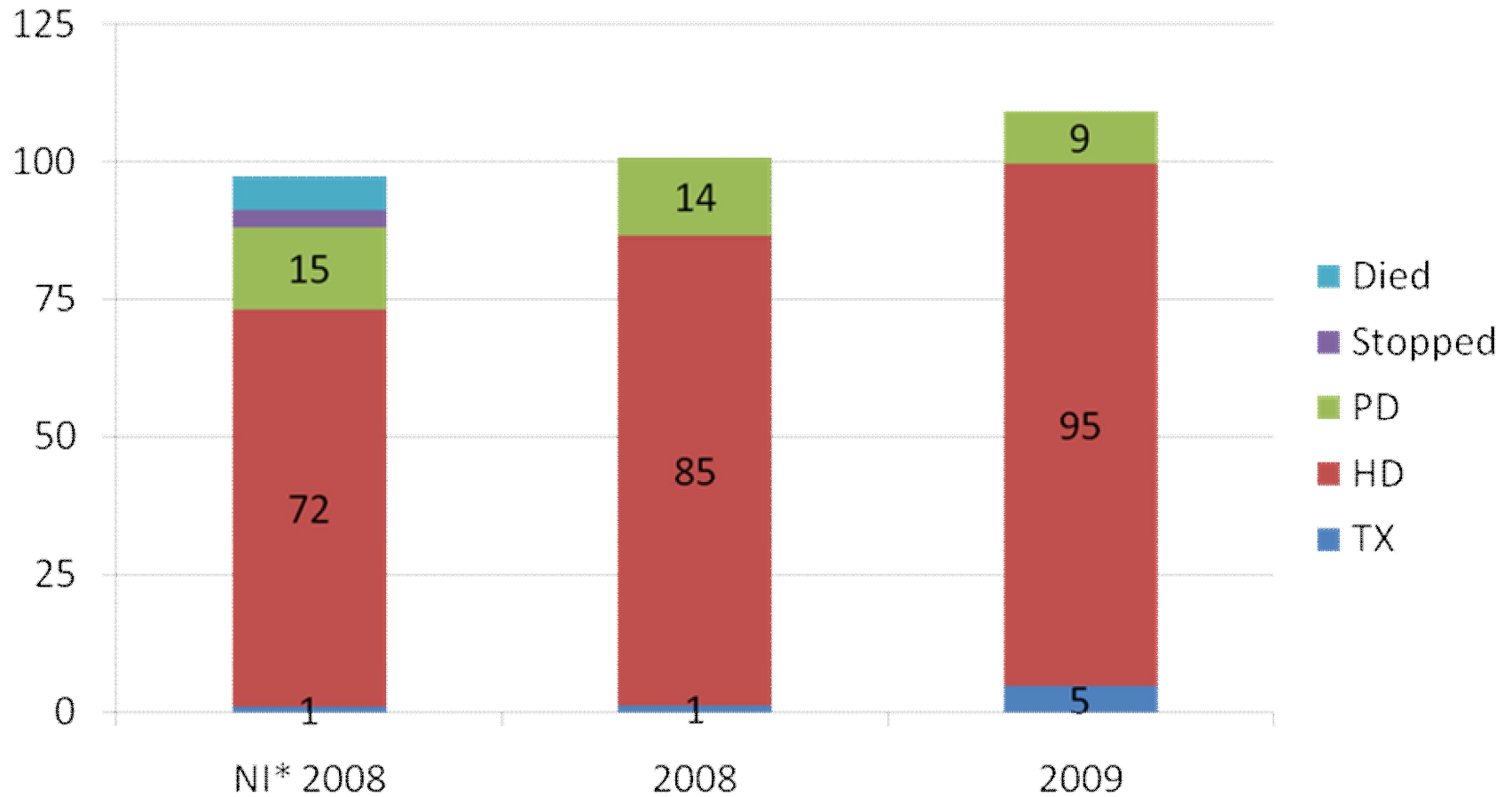
9% PD

4% TX

109 p.m.p.



# Incident ESKD patients (pmp)



# Prevalence

# Prevalent ESKD patients (n)

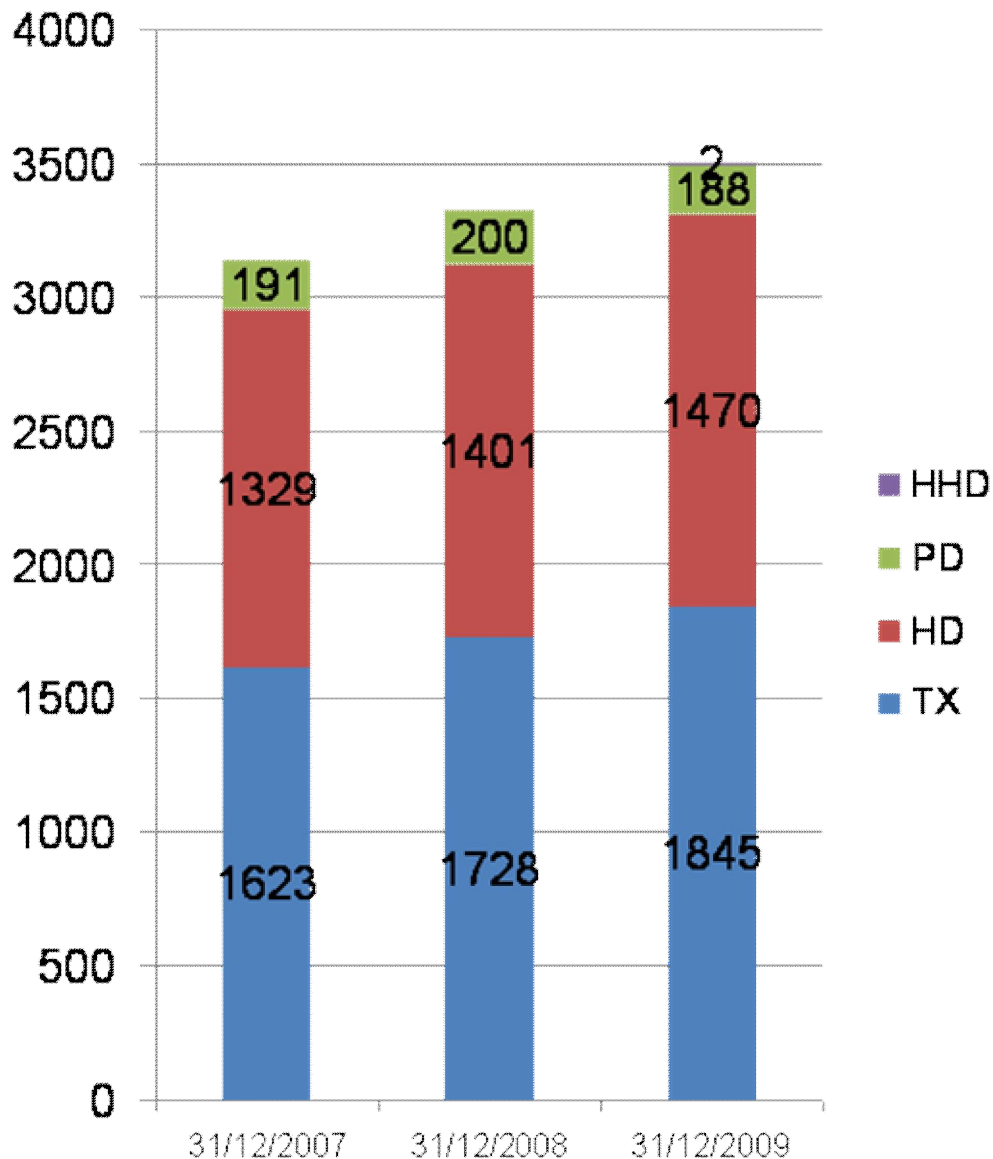
3505 patients

42% HD

5% PD/HHD

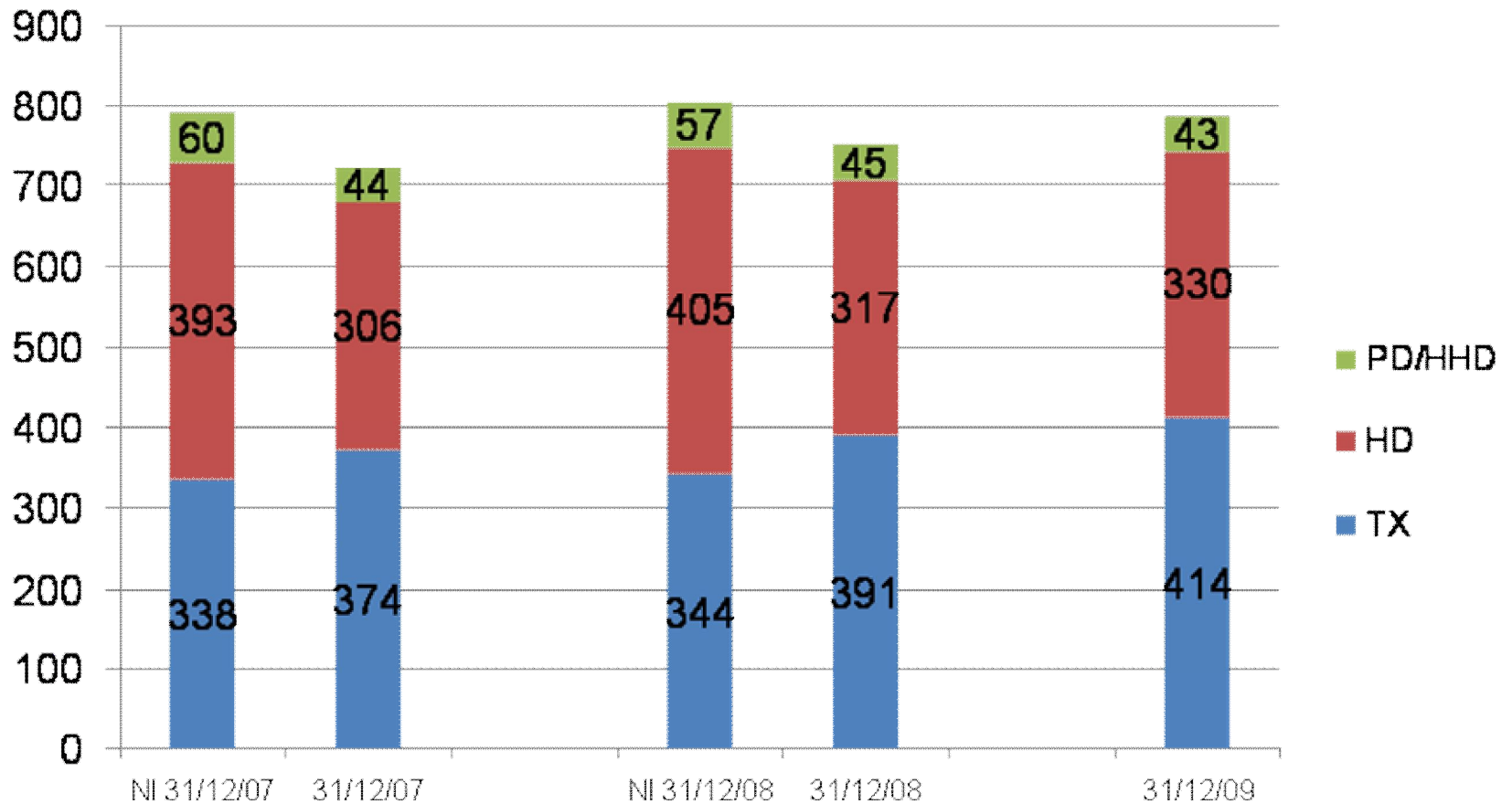
53% TX

786 p.m.p.





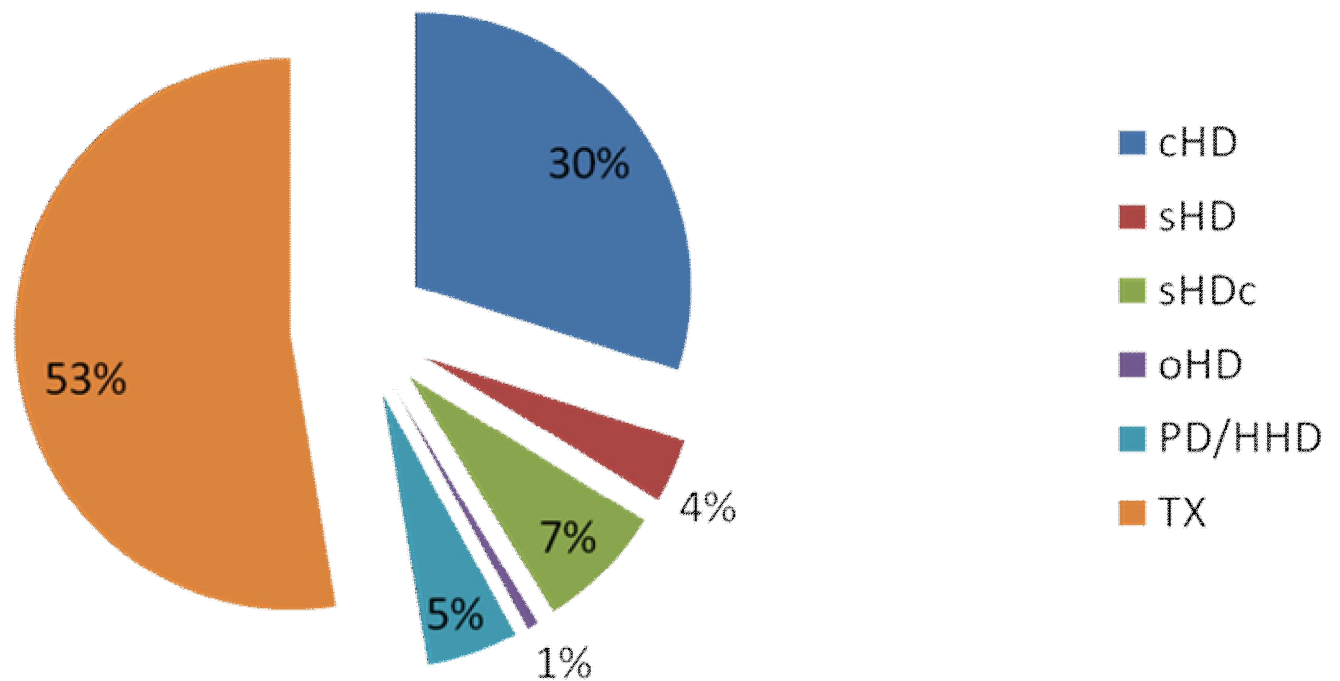
# Prevalent ESKD patients (pmp)



# RRT modality

31/12/09

31/12/2009



**Growth**

# Change in 2009

• ESKD	176	5.3%	40 pmp
• HD	69		
• PD/HHD	-10		
• Dialysis	59	3.7%	13 pmp
• TX	117	6.8%	26 pmp

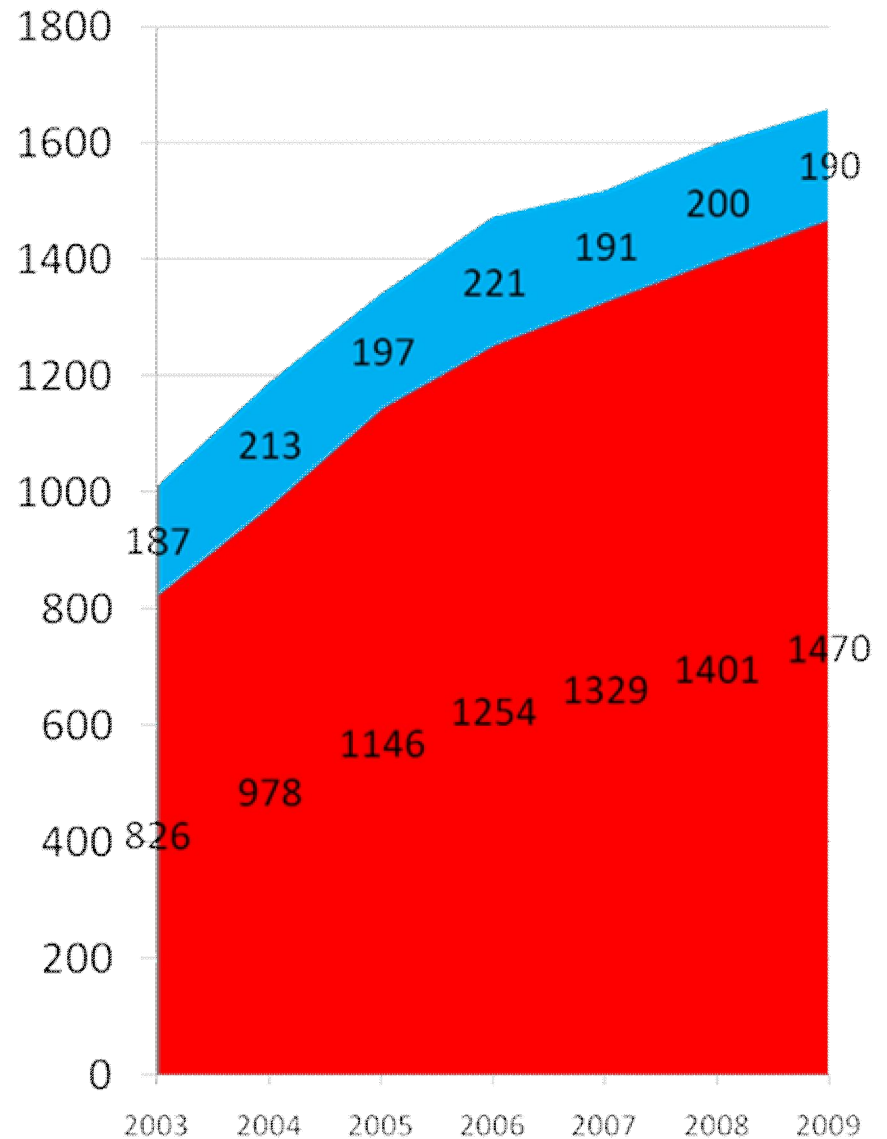
# 6 Year Increase in Dialysis Prevalence

647 patients

64% All  
 78% HD  
 2% PD

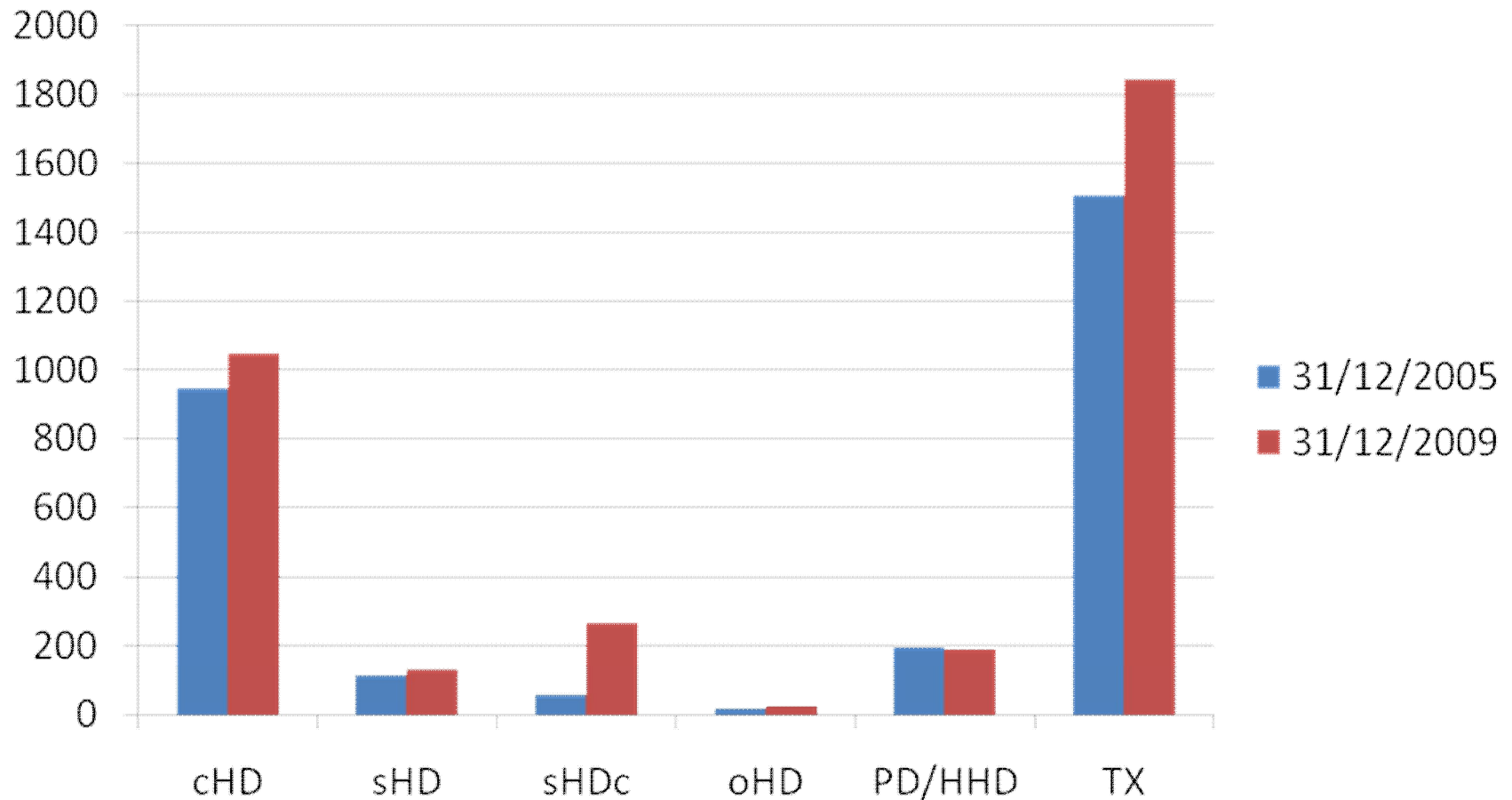
## Mean(95%C.I.)

108 (65,151) All  
 107 (72,142) HD  
 1 (-17,19) PD



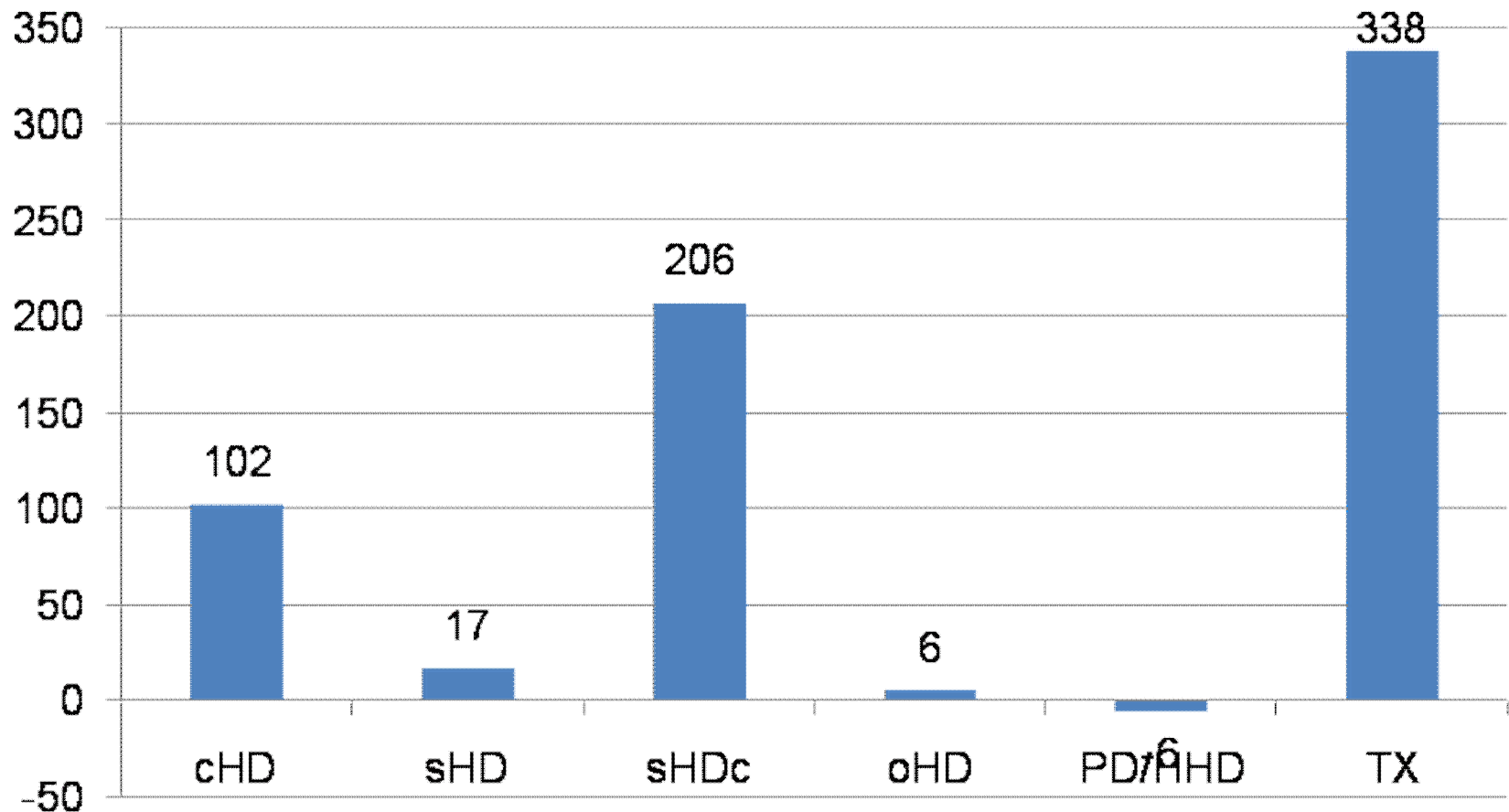
# 4 year increase by RRT modality

## 31/12/05 v 31/12/09



# Growth (n=663) by RRT modality

31/12/05 – 31/12/09



# Growth (n=663) by RRT modality 31/12/05 – 31/12/09

Over 4 Years, growth  
is

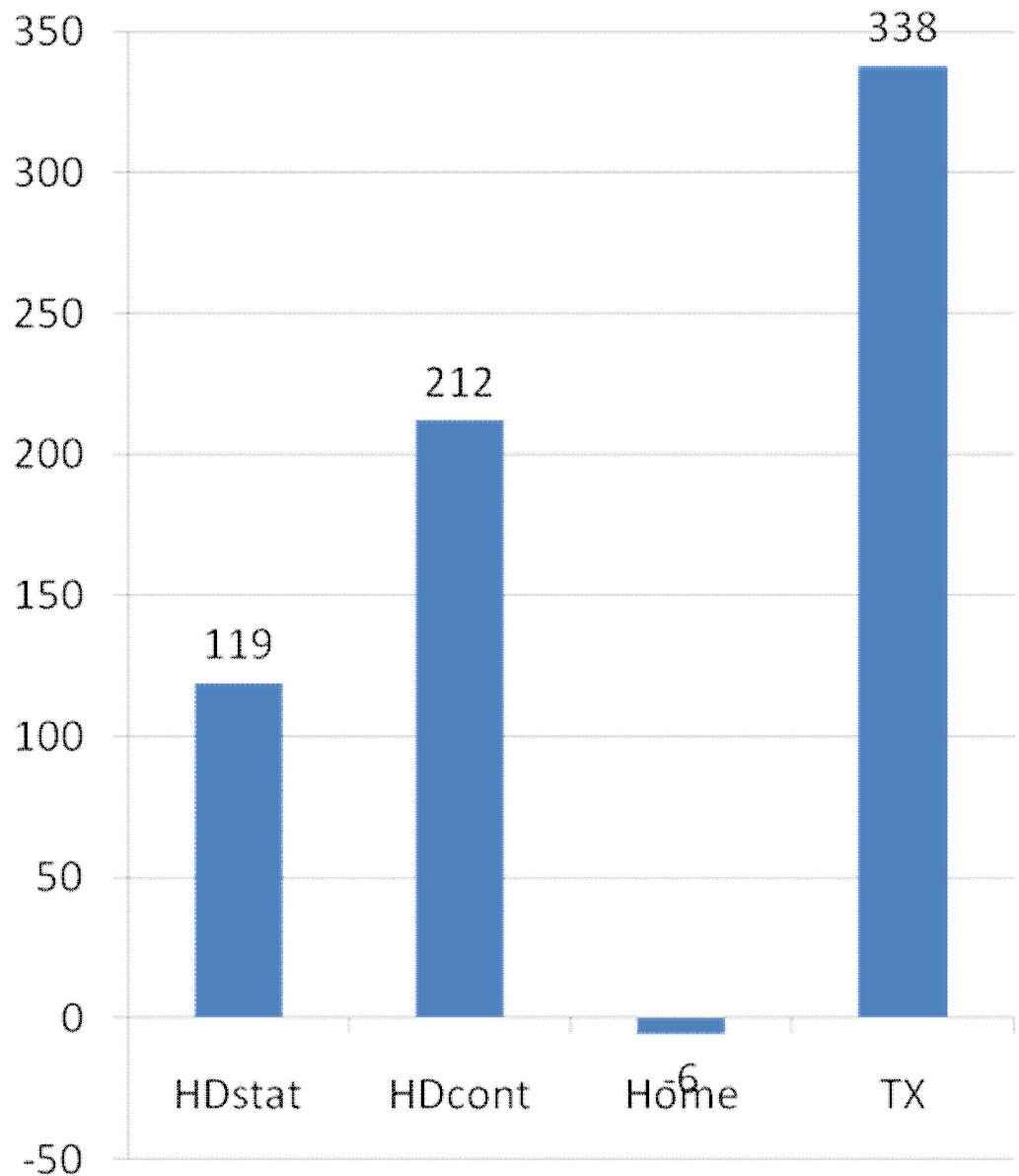
338 Transplant patients

325 Dialysis patients

This equates to

19.5 pmp pa TX

19 pmp pa Dialysis

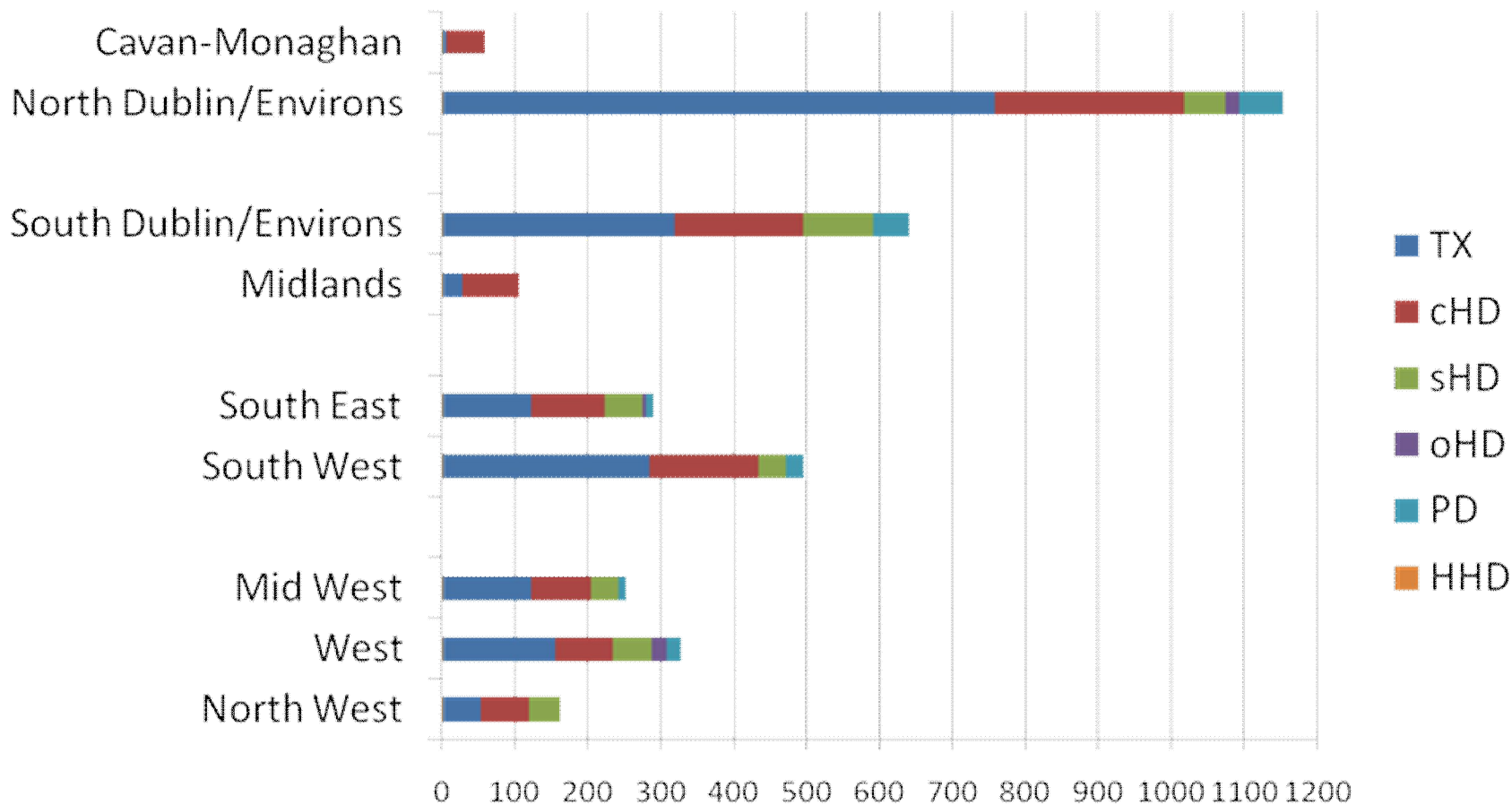




# Regions, Units, Facilities

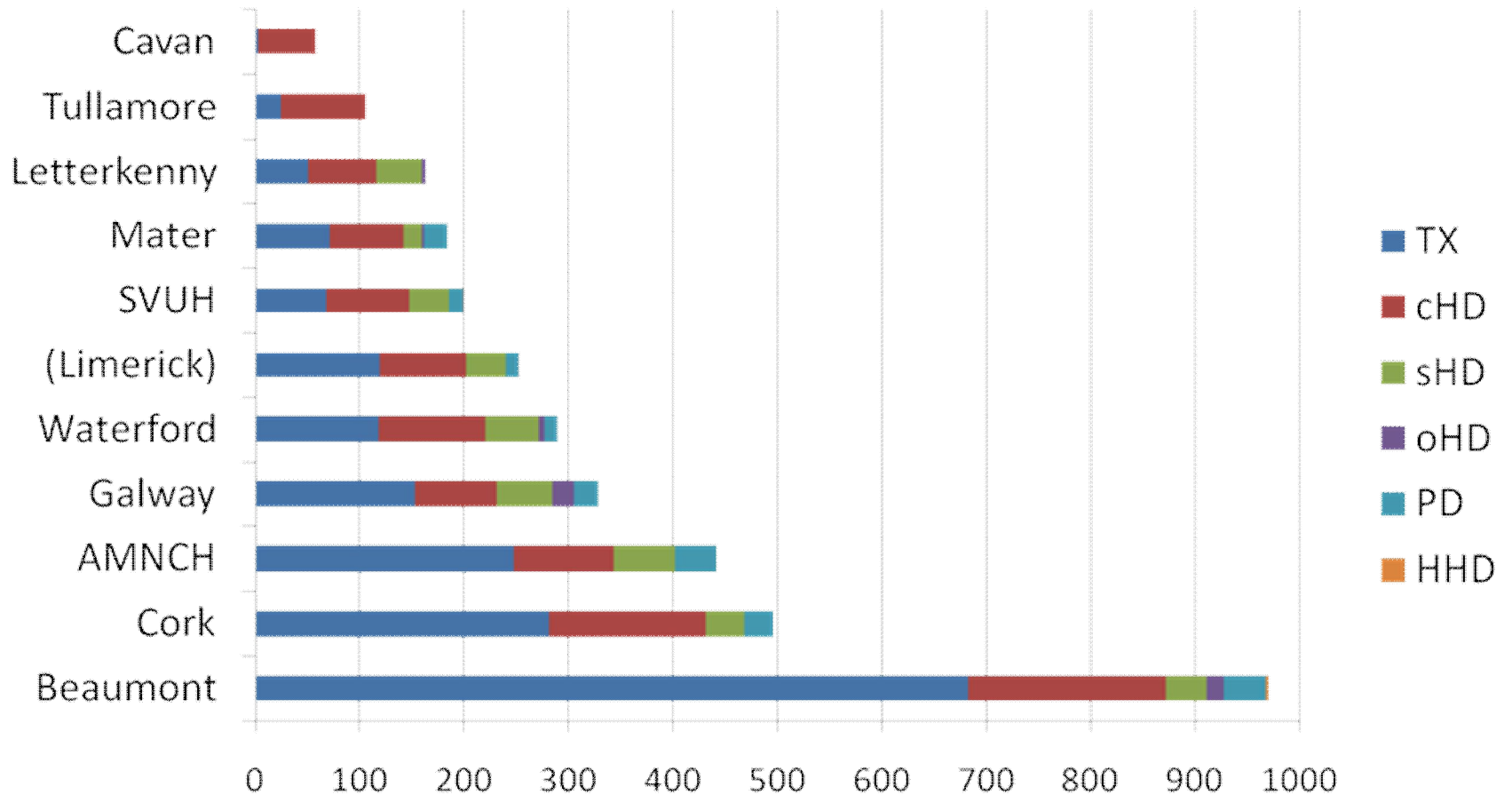
# ESKD Patients 31/12/09

(total patients under governance of networks)



# ESKD Patients 31/12/09

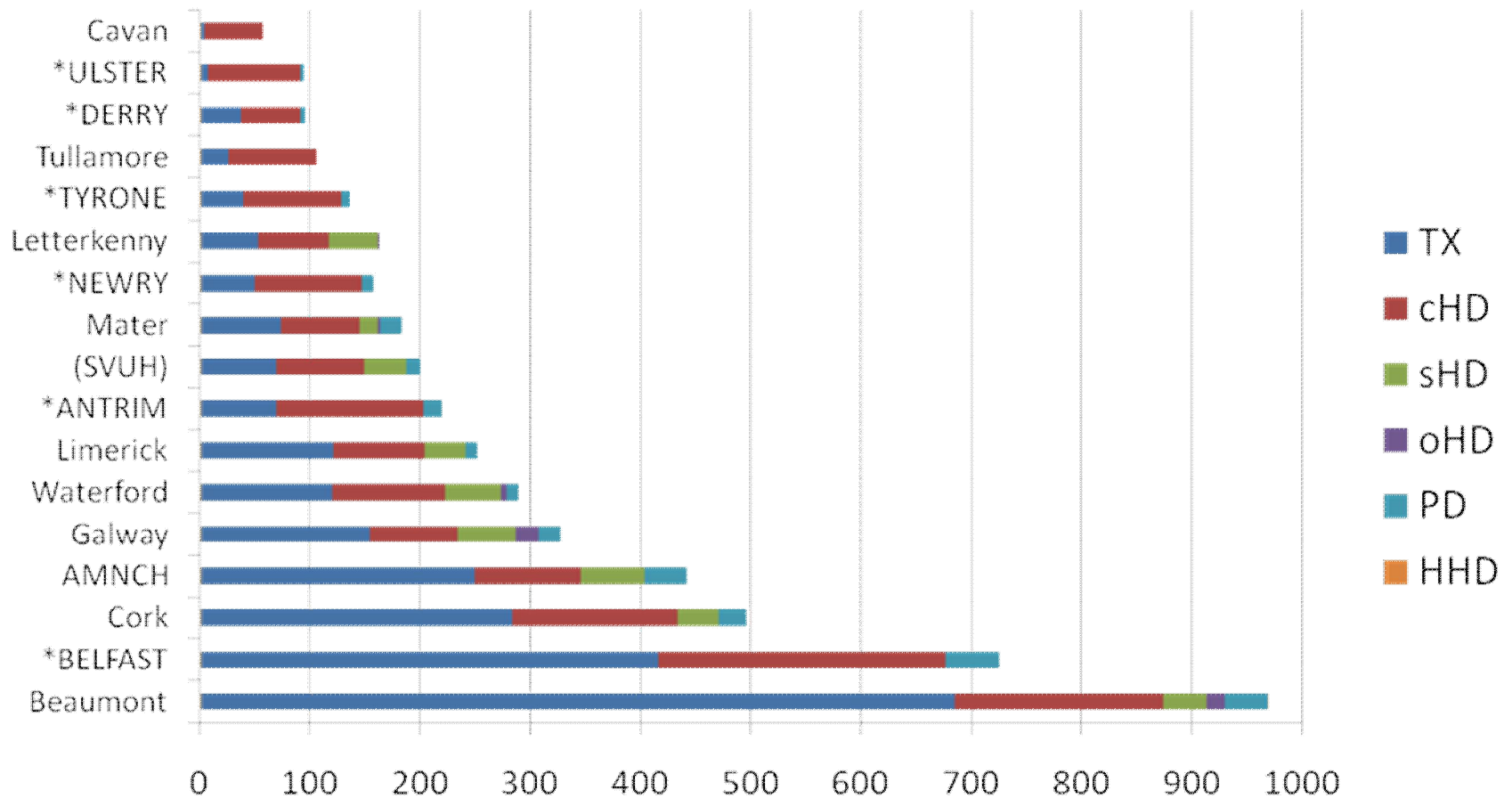
(total patients under governance of Units)



# ESKD Patients 31/12/09

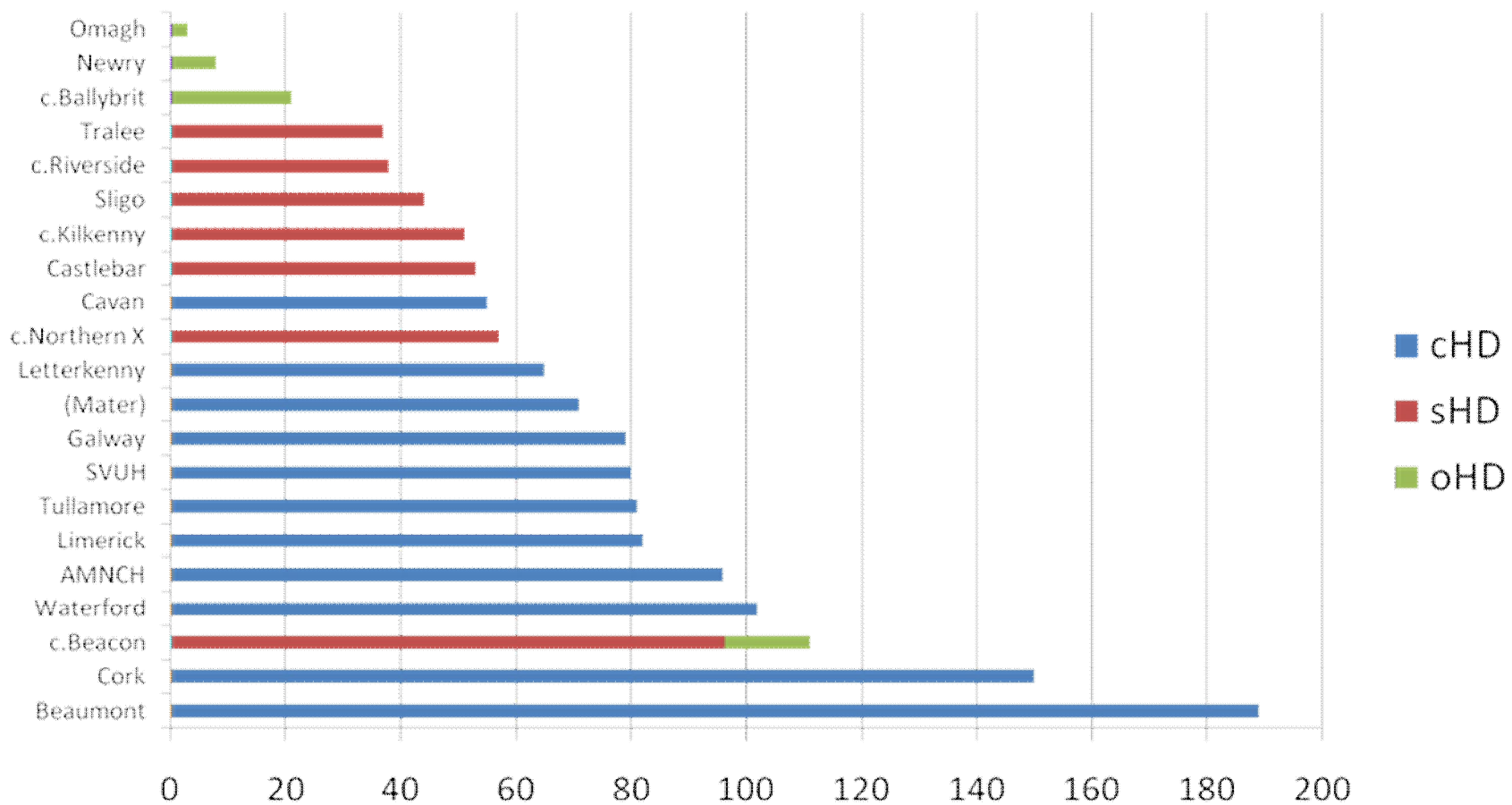
## NI ESKD Patients 31/12/08

(total patients under governance of Units)



# HD Patients 31/12/09

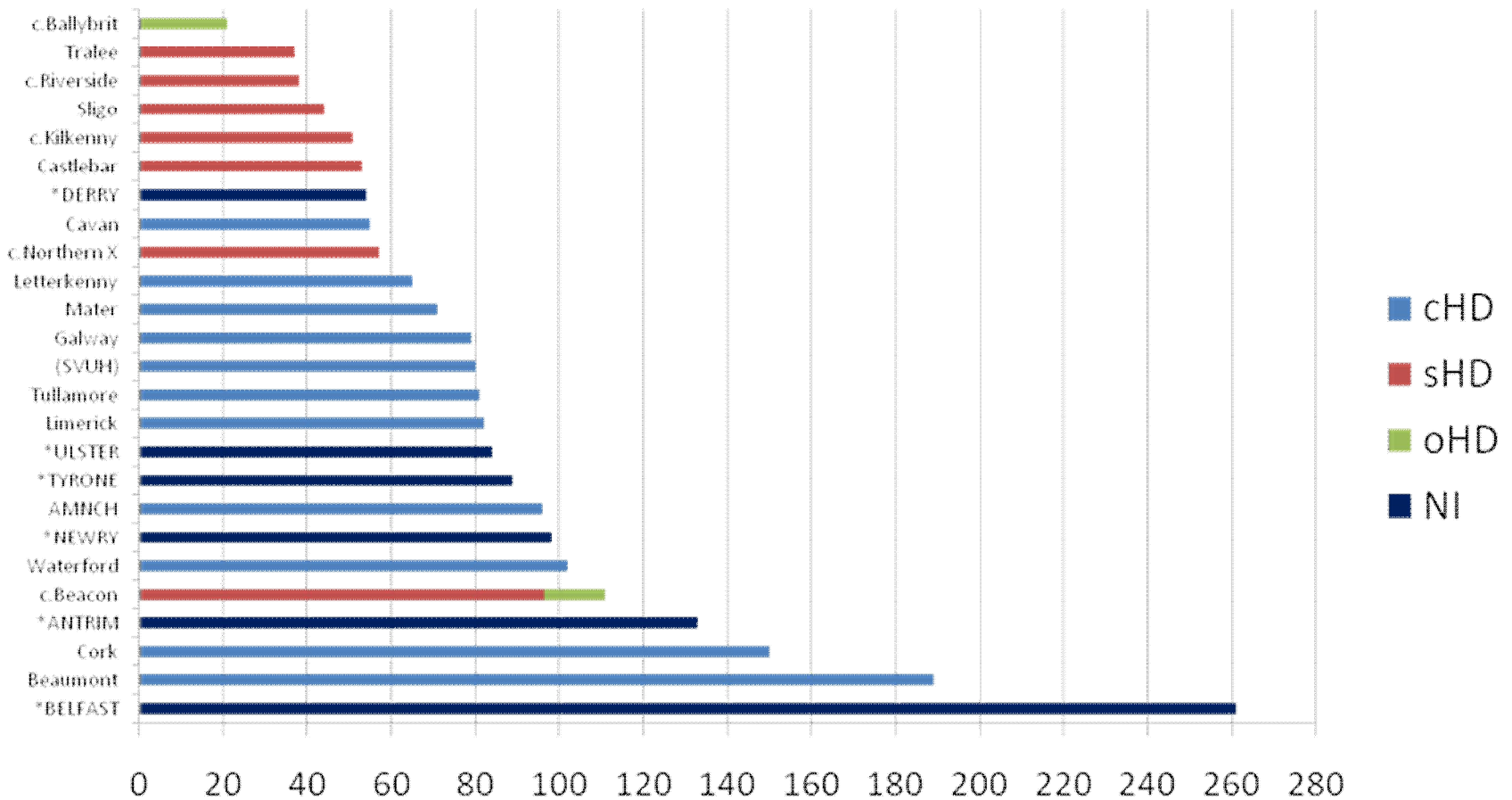
(HD patients per facility)



# HD Patients 31/12/09

## NI HD Patients 31/12/08

(HD patients per facility)



Interested?

[www.hse.ie/go/nro](http://www.hse.ie/go/nro)