Anticipatory Care
What is it?

“..Behold the Throne of Chaos and with him Sable-vested Night The consort of his Reign..”

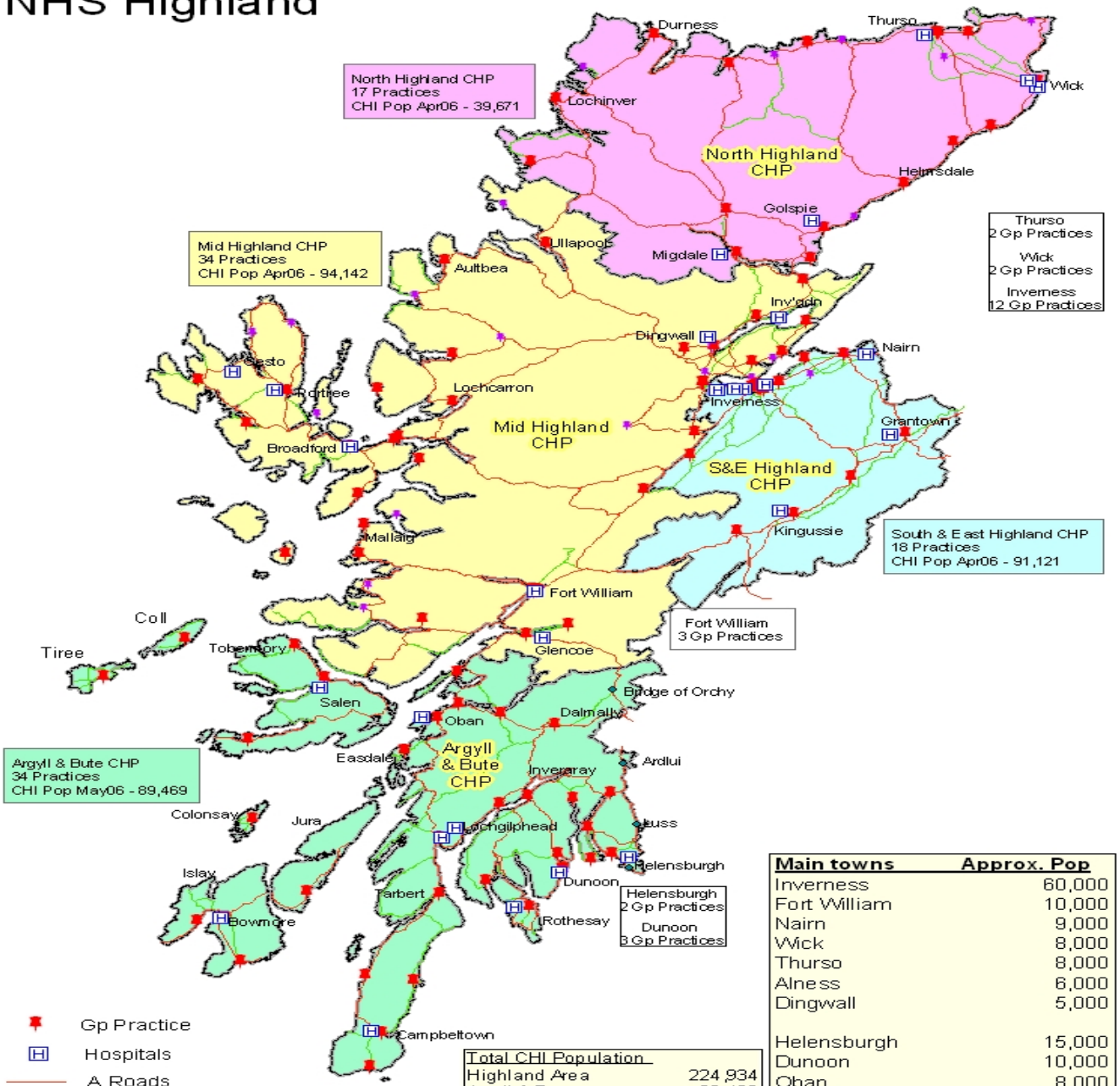
Paradise Lost

Dr Adrian Baker

Paul Leak

Simon Steer

NHS Highland

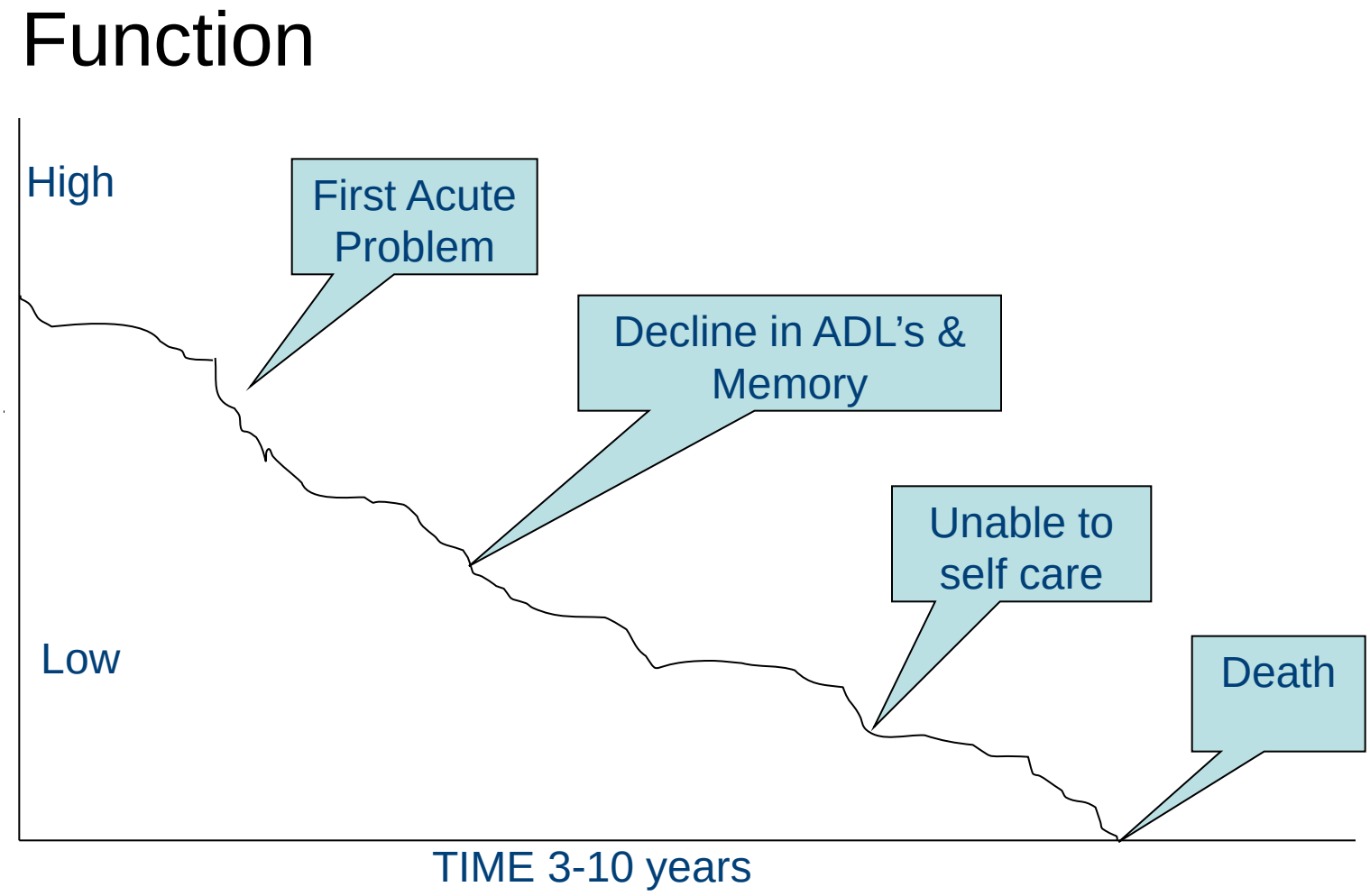


Total CHI Population	
Highland Area	224,934
Argyll & Bute	89,469
Greater Highland	314,403
GpPc's 69 +34 = 103	

Main towns	Approx. Pop
Inverness	60,000
Fort William	10,000
Nairn	9,000
Wick	8,000
Thurso	8,000
Alness	6,000
Dingwall	5,000
Helensburgh	15,000
Dunoon	10,000
Oban	8,000
Campbeltown	5,000
Rothesay	5,000
Lochgilphead / Ardrishaig	5,000

Healthy Aging

Frailty / Dementia Trajectory



The Future

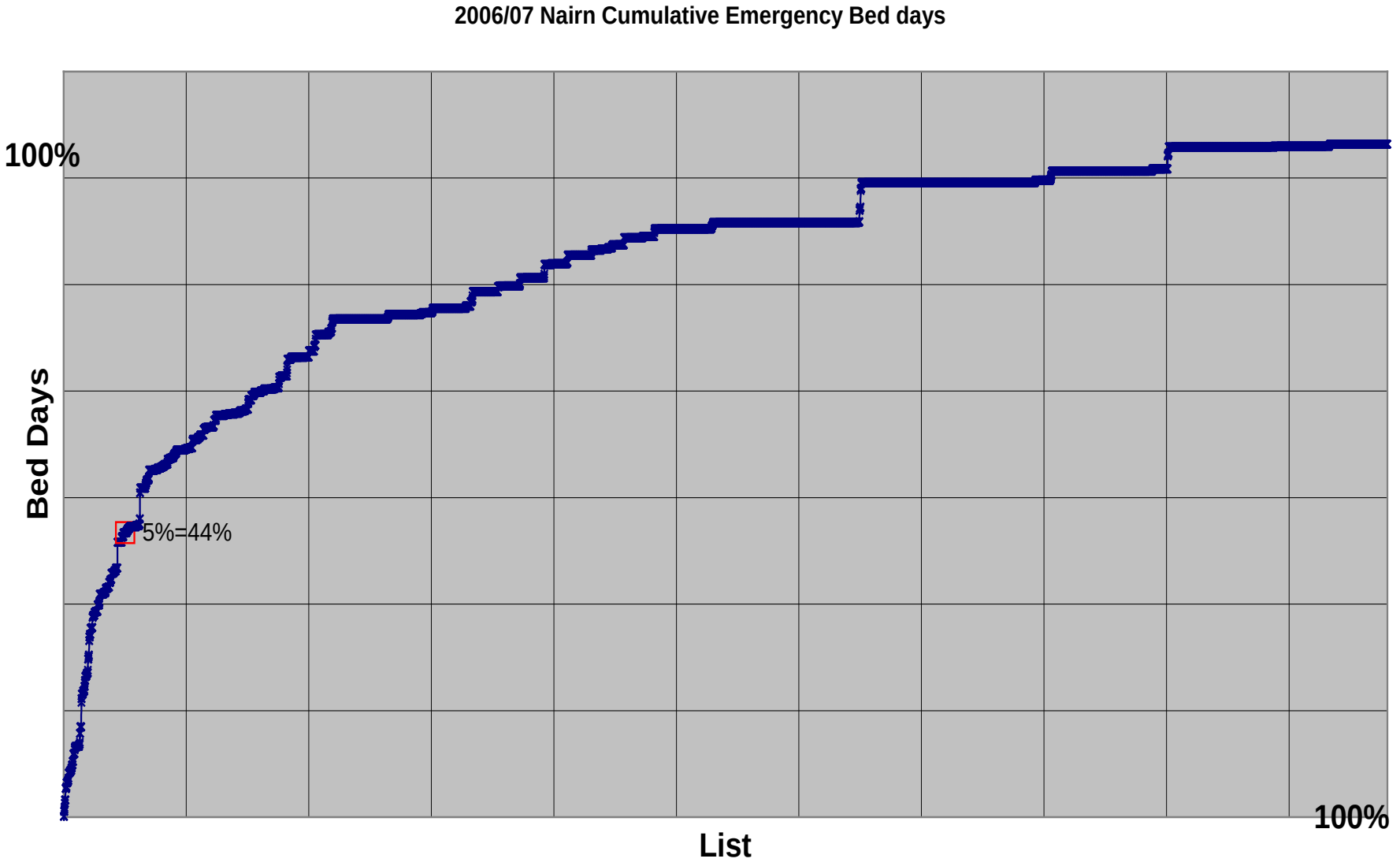
13 September 2012

- The demand on clinical services is increasing to the point where acute care cannot keep pace in its current form says *Hospitals on the edge? The time for action*, a new report from the RCP. The hard-hitting report highlights that there are a third fewer general and acute beds now than there were 25 years ago,[i] yet the last decade alone has seen a 37% increase in emergency admissions.[ii]

- This is coupled with a change in patients' needs. Nearly two thirds (65%) of people admitted to hospital are over 65 years old,[iii] and an increasing number are frail or have a diagnosis of dementia. However, all too often hospital buildings, services and staff are not equipped to deal with those with multiple, complex needs including dementia.

ANTICIPATING - 2006

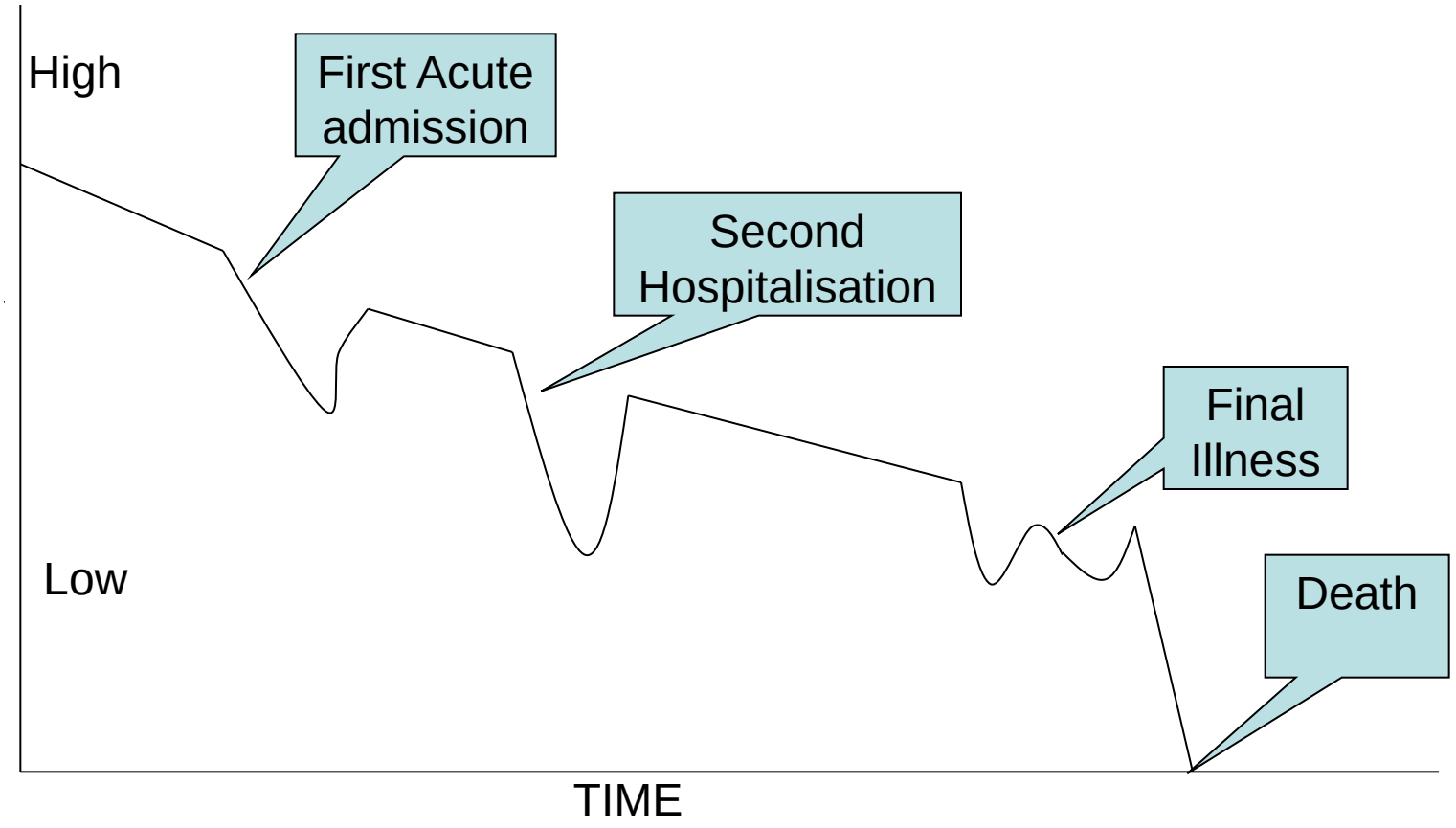
Nairn Case Finder



MINORITY REPORT

Heart Failure / COPD

Function

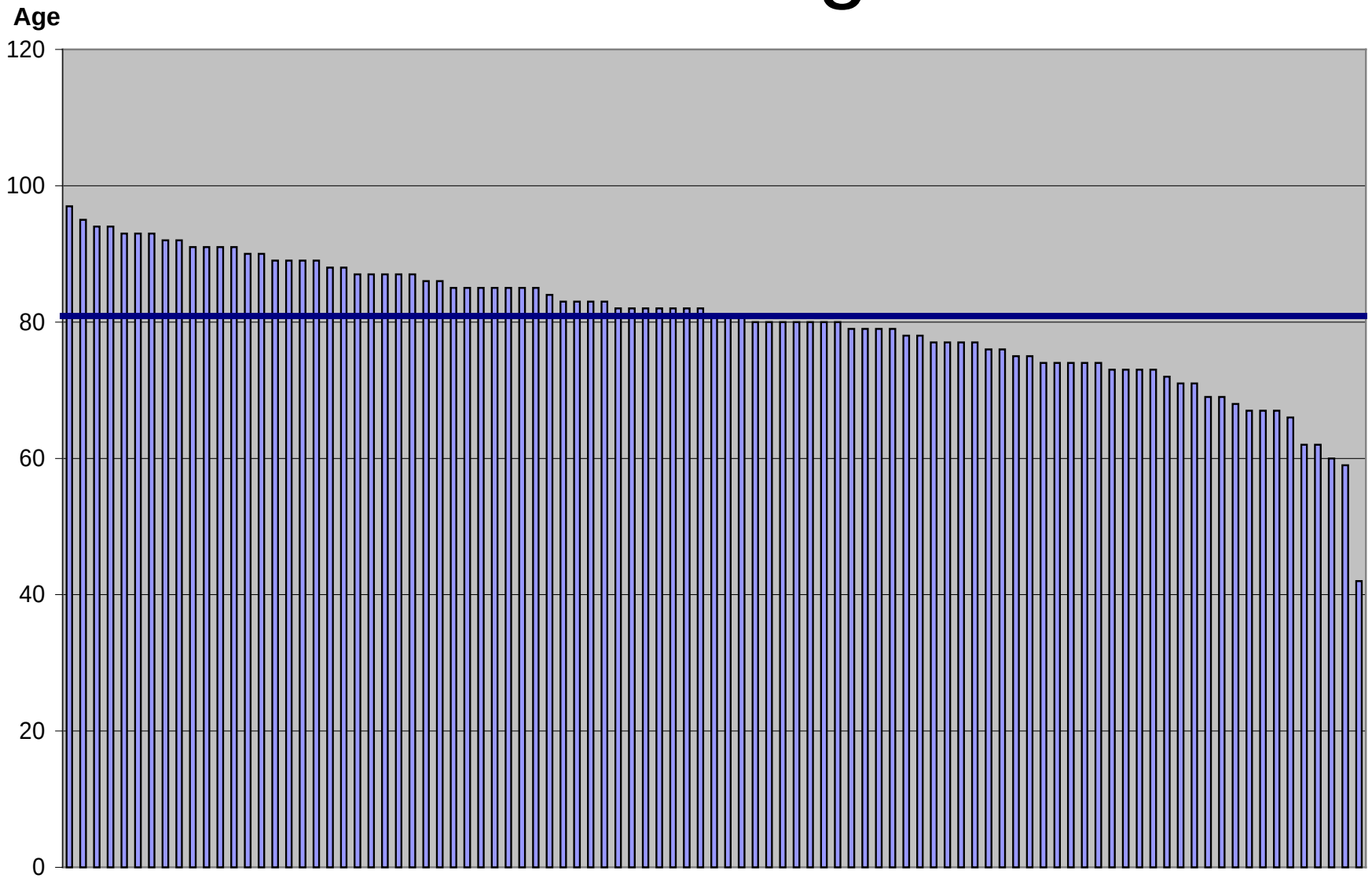


The Anticipatory Care Plan (ACP)

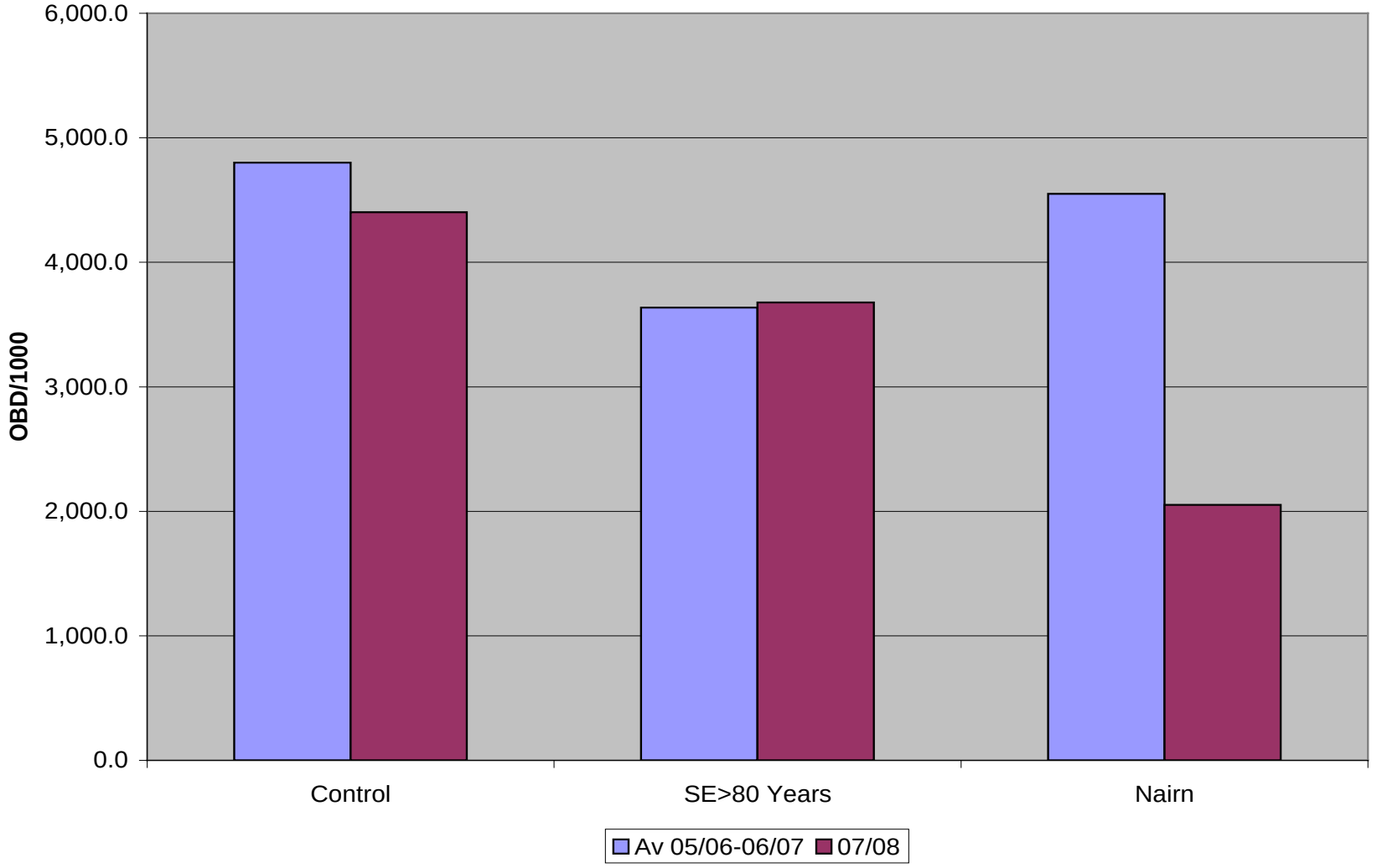
- Carer or Cared for status, what happens ?
- Acute medical problem
- Acute surgical problem
- Discussion of condition by professional
- Preferred Place of Care
- Resuscitation status – DNAR
- Information kept at home and on system

KIS = next steps

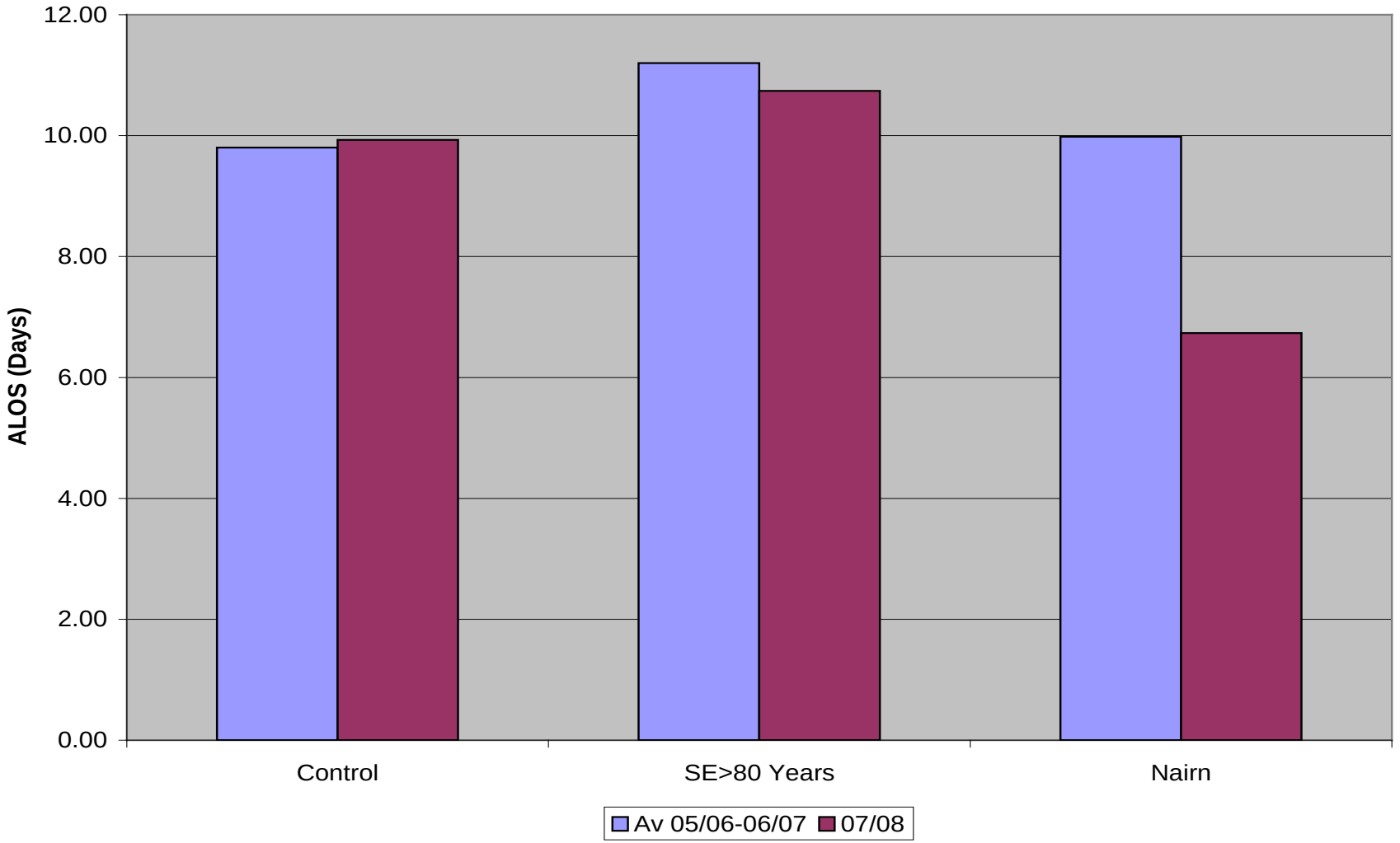
ACP Cohort: Age Profile



Change in Bed Day Rates in Raigmore 2005-2008



ALOS in Raigmore 2005-2008



Extraction

Extraction

13 March 2008 05:02 1349 NAIRNADMS.csv
13 March 2008 05:02 2121 NAIRNDISC.csv
13 March 2008 05:02 5020 NAIRNINPS.csv

Site	CHI Numbe	Risk Score	Name	Address	Postcode	Adm Specialt	Adm Consultan	Adm Date	Bed Days t	12m Bed days	GP Name
NAIR	'290825902	33.87%				GP	DR A BAKER	07-Mar-08	6	90	DR A C STANFIELD
RAIG	'210542904	27.87%				MED	DR S K BAL	07-Mar-08	6	130	DR A ADAM
RAIG	'170123911	18.81%				SURG	MR D IRVING	08-Mar-08	1	1	Dr Sue Fowlie
RAIG	'120631907	38.72%				MED	DR G HULKS	08-Mar-08	5	5	DR C Z MACAULAY
NAIR	'300135909	17.48%				GP	DR A BAKER	10-Mar-08	3	41	DR C Z MACAULAY
NAIR	'150623909	18.45%				GP	DR A BAKER	11-Mar-08	2	2	DR A C STANFIELD
RAIG	'240852908	26.72%				MED	DR SR THOMAS	11-Mar-08	2	7	Dr Cornelia Featherstc
RAIG	'300135909	17.48%				MED	DR SR THOMAS	11-Mar-08	2	41	DR C Z MACAULAY
RAIG	'060111902	14.67%				MED	DR GF FRANKL	12-Mar-08	1	29	DR C Z MACAULAY

The Numbers

- Initial Study 2005-8 100 patients and 100 controls
- 15-16% mortality rate in the year.
- Survivors, there were 42% fewer admissions (P = 0.002)
- 52% fewer bed days (P = 0.020)
- The cost of hosptialisation of the study population was reduced by 48.6%. (P = 0.029)
- The control population had 11 patients die in hospital, the study population had 3 deaths in hospital (P = 0.007)

At Scale for >5,000 patients

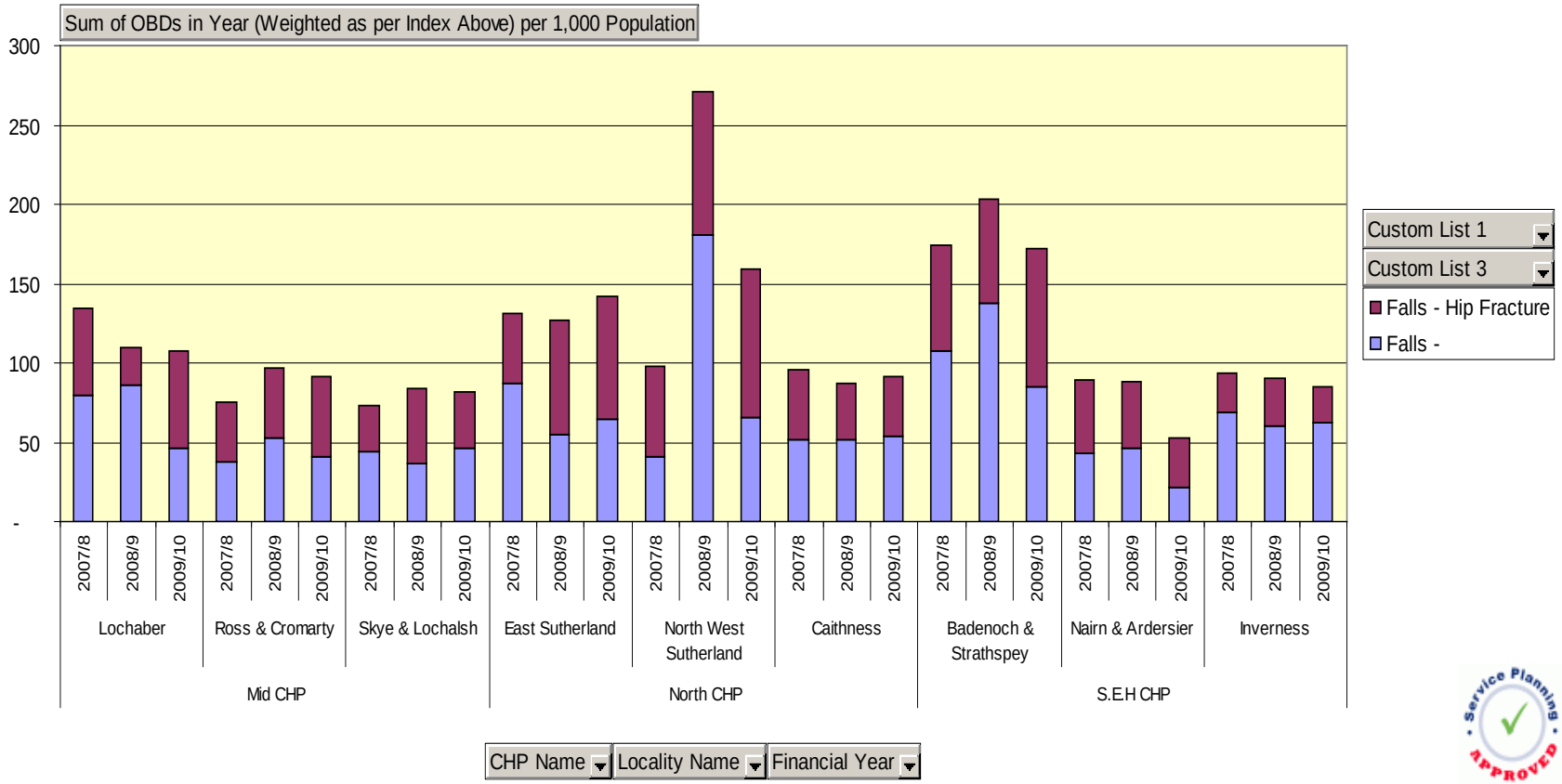
- By 31st March 2011, there were 5,329 ACP's patients who had received these demonstrated a 29% reduction in emergency new admissions and 47% reduction in occupied bed days.
- Patients with a SPARRA score of ≥ 50% but no ACPA in place showed an increase in both emergency new admissions (+59%) and occupied bed days (+63%).
- For end of life care there is more chance of dying at home rather than in hospital if a ACP is in place.
- In the practice, there are less chaotic home visits, more structured and organised times with families and less work regarding crisis guardianship cases.

Target Care Homes, Dementia, Falls and Multiple LTC's

Practice Name (All) | TYPE EMERG | Specialty Description (All) | Type of Hospital (All)

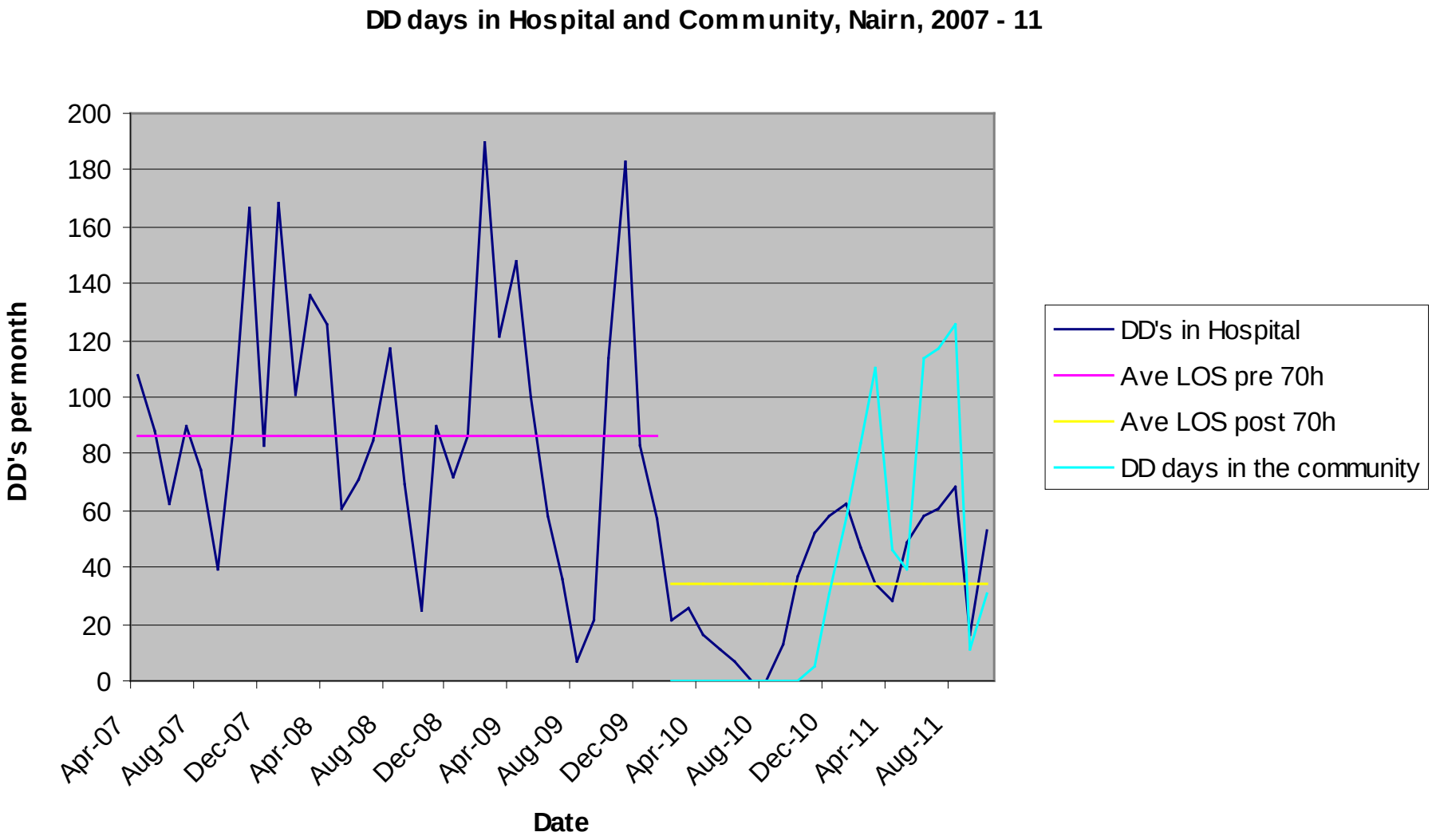
Index | Current Index: 21, Unweighted Population - Locality Populations

LTC Occupied Bed Days



CHP Name | Locality Name | Financial Year

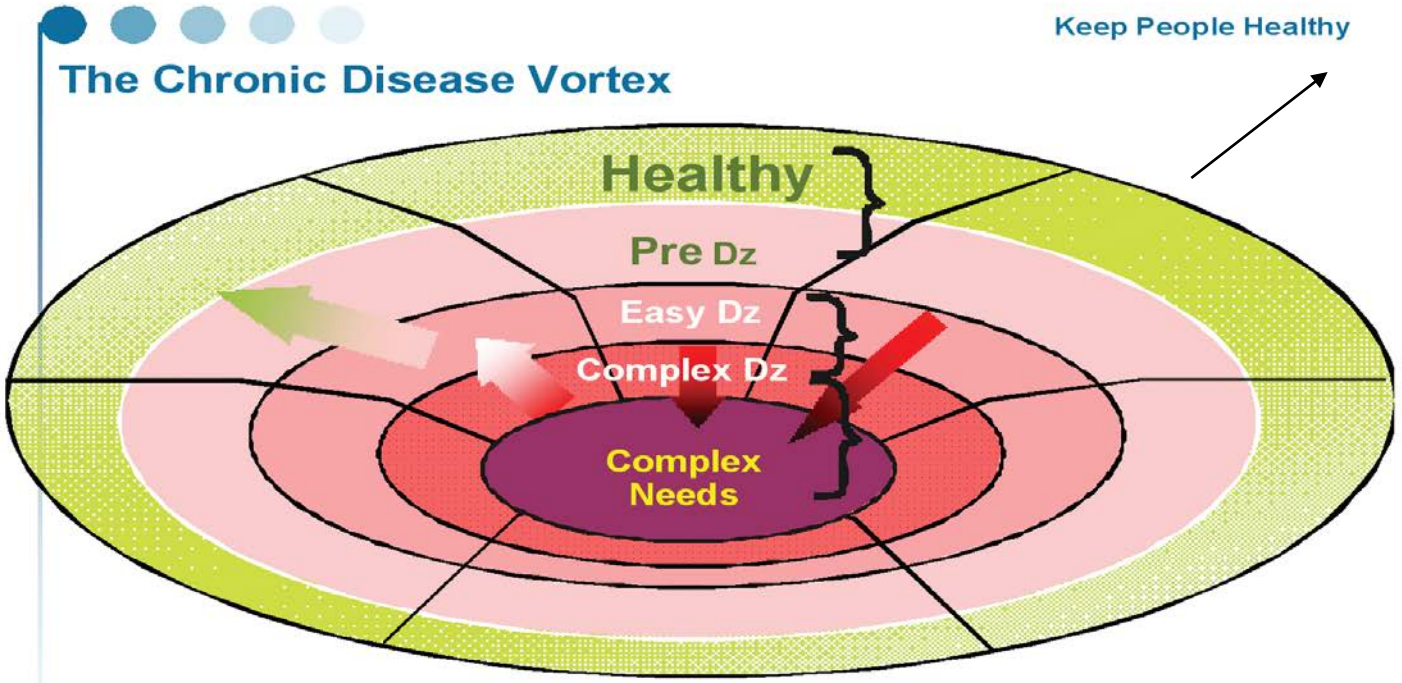
The extended team working. NHS buys home care shock!



Journey of Dependence

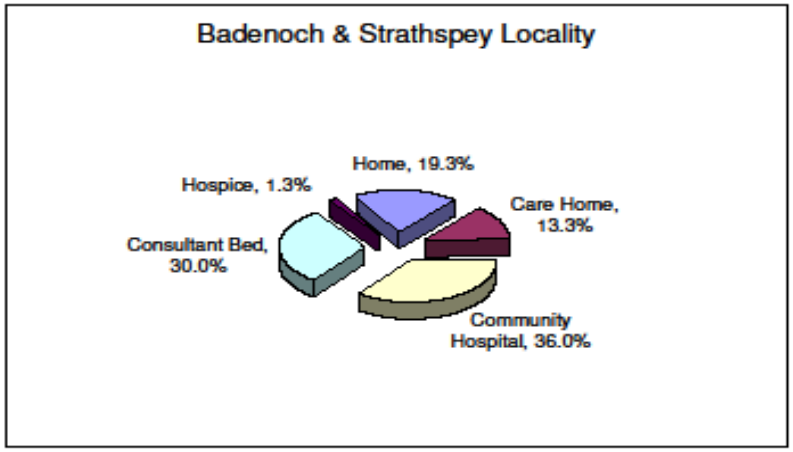
- Home Care £6K / pt /year
- NHS 24 = NHS Direct £36.67 / call
- OOH contact £68.00
- GP in hours contact £30.00
- District nurse £40.89
- A&E £92.50
- Admission (Ave 10 days) £2,784
- Long stay care £ 20 to £40K+

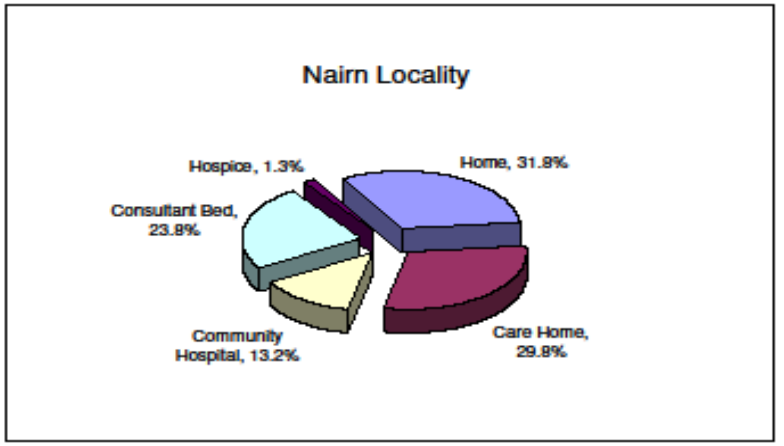
Chronic Disease Vortex

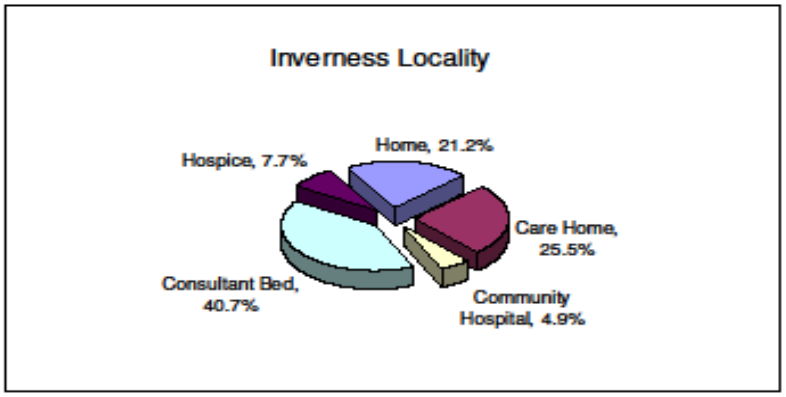


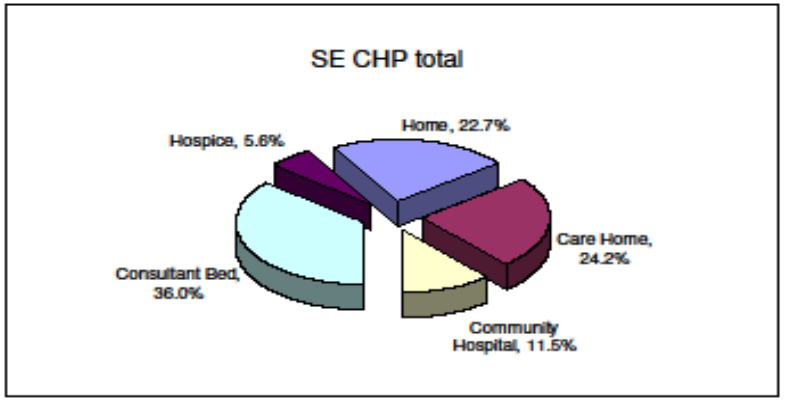
Location of End of Life care

Location of Death 2008 - 09



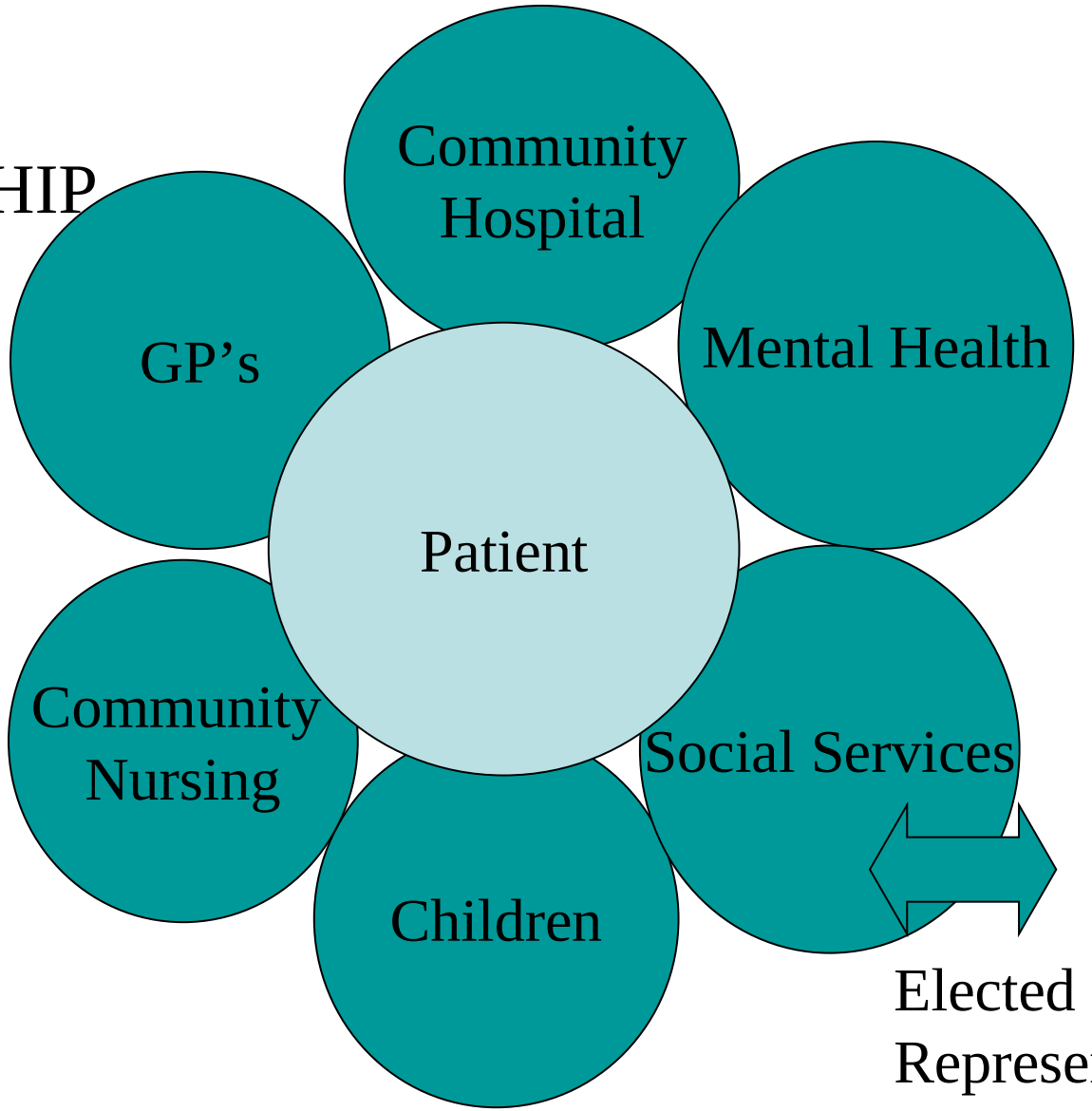






The Extended Primary Care Team in the Locality

CLINICAL LEADERSHIP



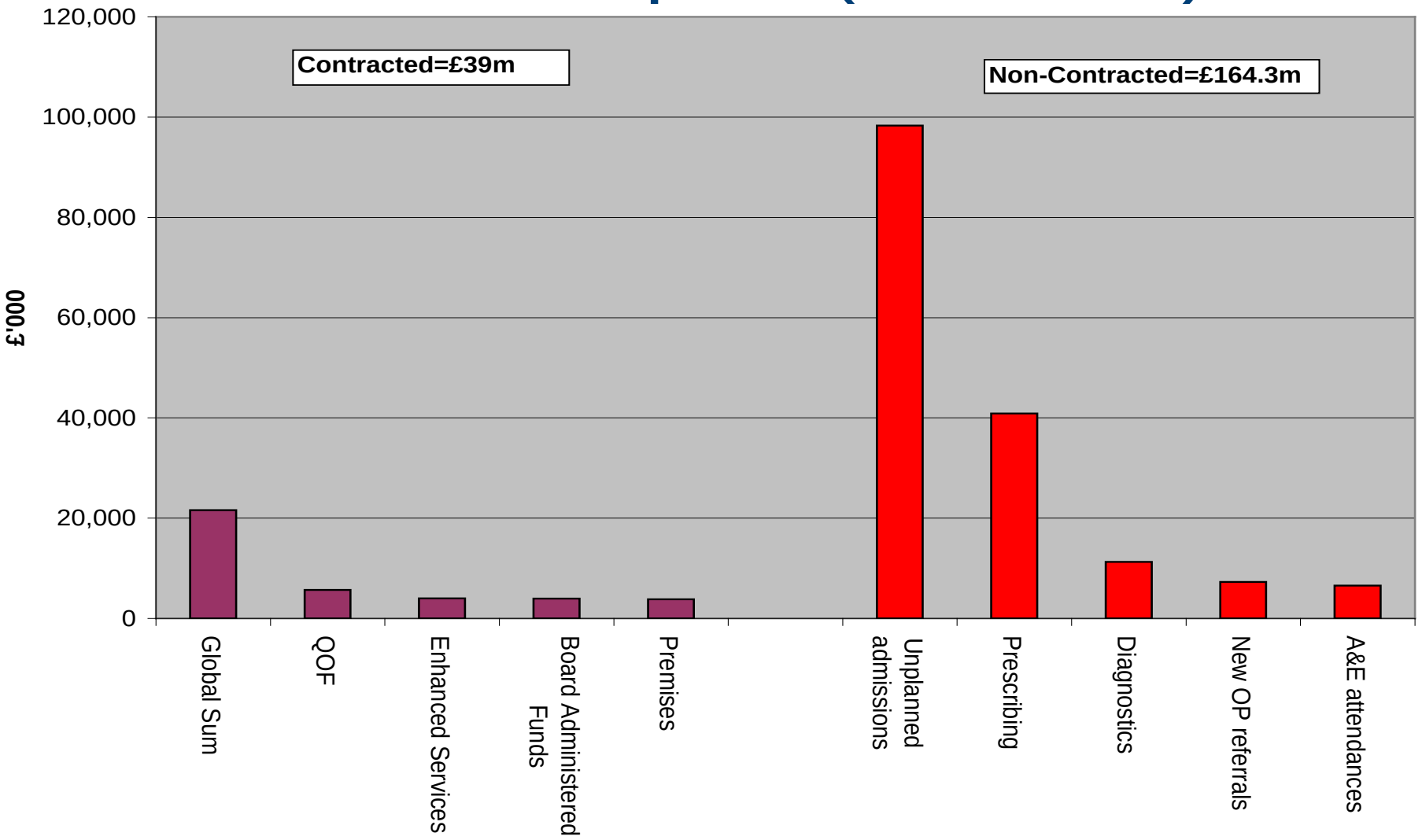
Support

HR, IT

Finance

Elected Representaion

2008/09 Practice Direct Impact (£203.4m)

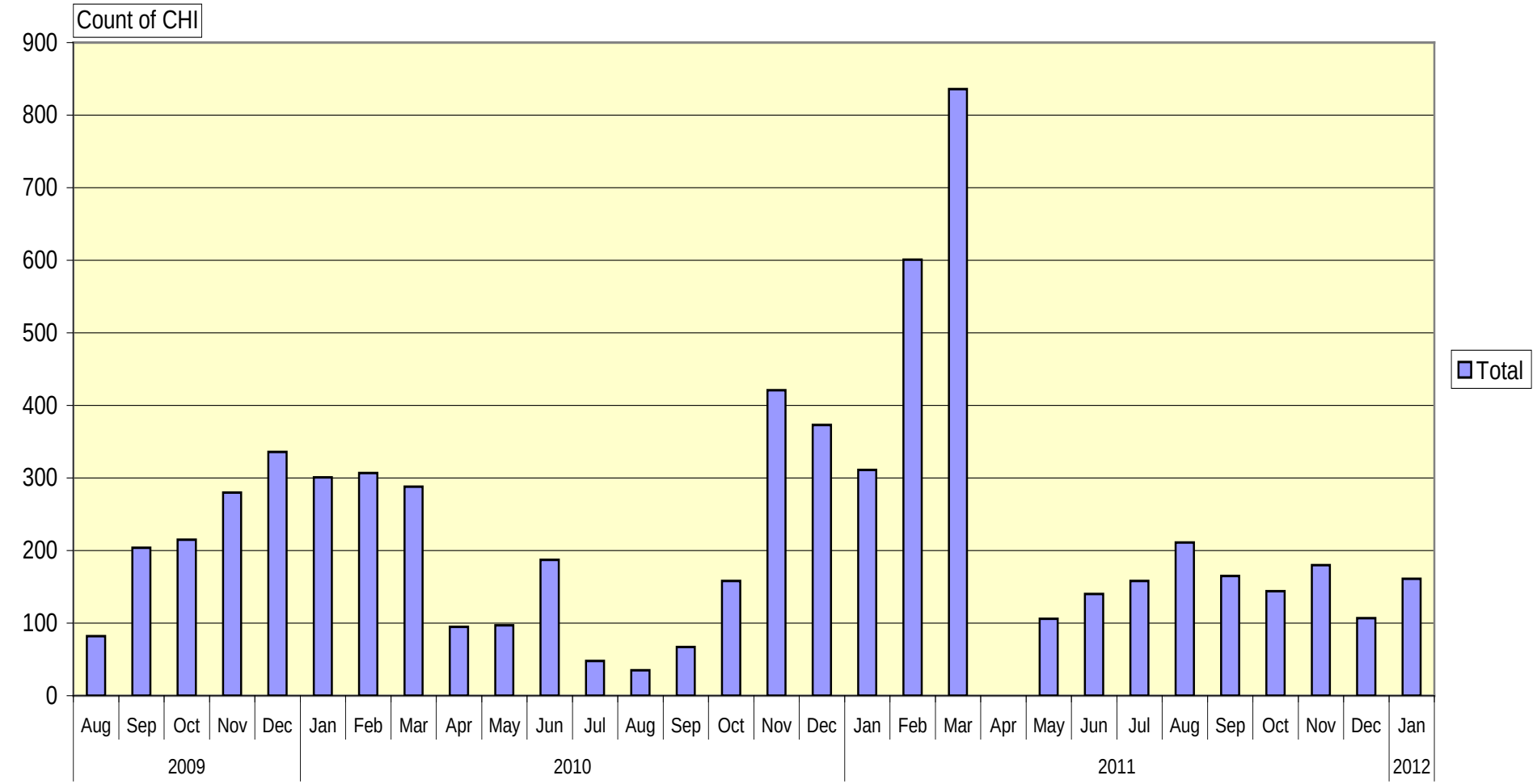


CHP	(All)	Locality	(All)	Practice Name	(All)	Practice Code	(All)	DOD	(All)

Count of ACPA Patients*

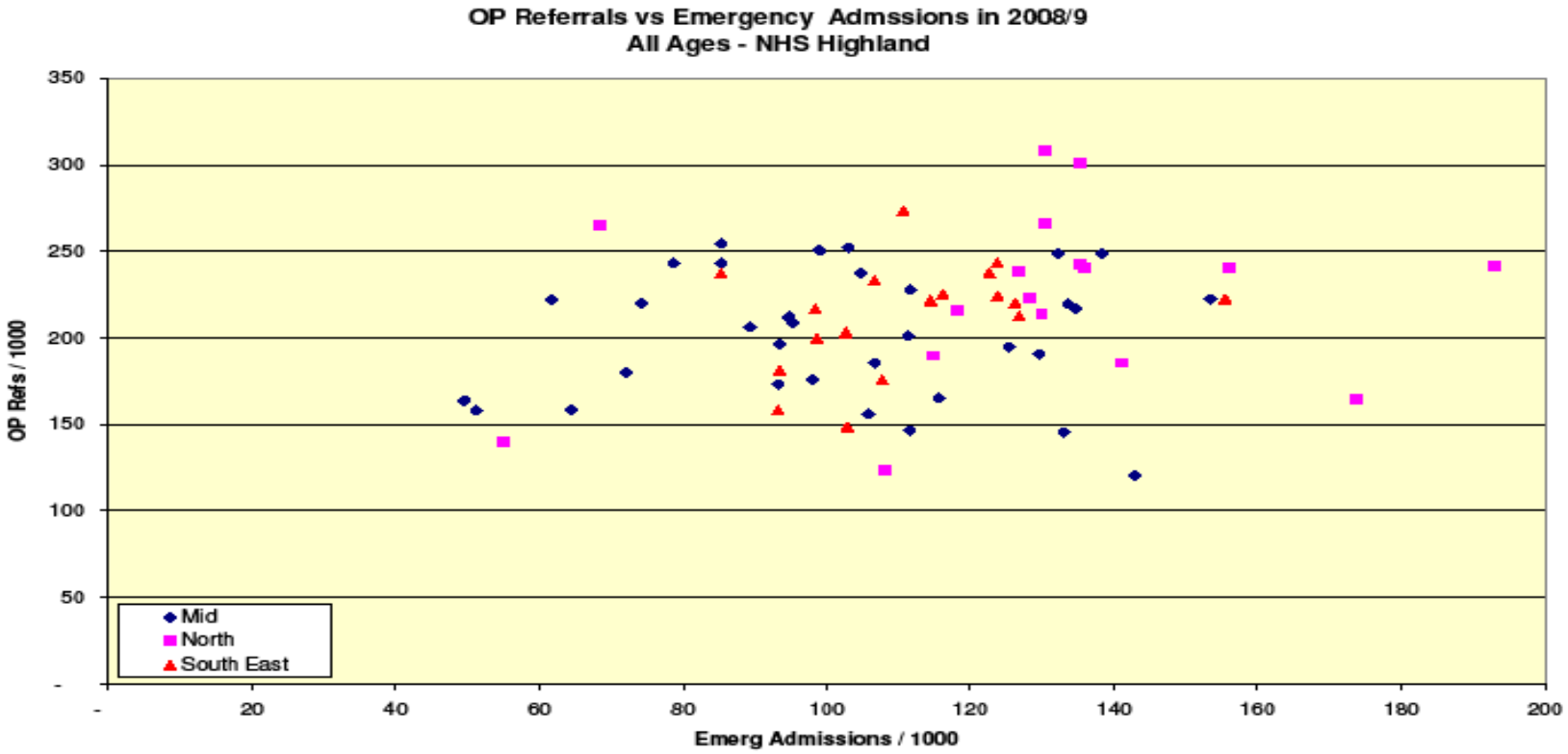
by Month between Aug-09 & Jan-12

***including deceased patients**



Years	ACPA Date

Highland Elective vs Emergency Variation of 300% - Why?



Future care for our patients

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