

# Need, Resourcing, Outputs & Outcomes of Palliative & End of life Care

## Benchmarking Analysis

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# EOLC Strategy

## Measurement Requirements 1

*'Ideally information on end of life care should'*

1. Encompass health & social care and wider societal issues
2. Enable patients & carers to make informed choices
3. Enable commissioners to assess needs of the local population
4. Enable clinicians to assess the quality of care delivered
5. Facilitate evaluation of each of the broad aims of the strategy (choice, quality, equality and value for money)
6. Facilitate evaluation of progress against each of the pledges to patients & carers

# EOLC Strategy

## Measurement Requirements 2

7. Enable comparisons to be made regarding services and outcomes (benchmarking & audit)
8. Focus whenever possible on the outputs and outcomes of care
9. Be a by-product of care delivery so that data collection is not unduly burdensome

*‘During development of this strategy it has become apparent that currently available information falls well short of this ideal’*

# Why Benchmarking?

*Absolute measures of efficiency, effectiveness, value for money are not available*

*There are too many unknowns:*

What is the right mix of service components?

What is the right volume of each component in that mix?

What is the right level of expenditure?

What volume of activity should be expected from each team or service?

What outcomes should be defined and expected?

# The Benchmarking Agenda

*To facilitate comparison of performance between different parts of the country*

- How far do our services reflect population need?
- What do we spend on our services – specialist, generic – NHS, voluntary, independent sectors?
- What do we spend it on – specific service components, specialist and generic workforce?
- What activity is generated by the use of these resources?
- What are the outcomes of this activity for individuals needing/receiving care?

# The Benchmarking Project

*A DH supported project of NCPC*

- Employs the Index of Comparative Resource Need per head of population for palliative & EOL care for PCTs Published by NCPC in May 2008
- Benchmarks data of financial resources employed, workforce and other resources, patient activity and population level outcomes against the Index.

# Comparative population need at SHA level

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Death Per 100k	1054	1027	968	949	973	918	676	1006	815	1014
Death Index	100	97	92	90	92	87	64	95	77	96
Modifi ed Index	150	145	130	116	131	103	93	116	86	119
+ or – avera ge	+ 26%	+ 22%	+ 9%	- 3%	+ 10%	- 13%	- 22%	- 3%	- 27%	Aver age

# NHS Investment in specialist services related to need

	NE	NW	Y&H	EM	WM	EE	Lond on	SE Coa st	S Cent ral	SW
£s per head	5.48	5.20	4.96	4.81	4.64	4.30	5.26	4.14	5.55	3.67
+ Or – Avera ge	+ 14%	+ 9%	+ 4%	Aver age	- 3%	- 9%	+ 10%	- 14%	+ 16%	- 23%
Need indica tor	+ 26%	+ 22%	+ 9%	- 3%	+ 10%	- 13%	- 22%	- 3%	- 27%	Aver age

# Specialist Palliative Care Beds Related to Need

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Beds	118	408	299	158	239	219	349	300	205	255
Beds per millio n	46	59	58	37	45	39	46	71	52	50
+ or – Avera ge	- 8%	+ 18%	+ 16%	- 26%	- 10%	- 22%	- 8%	+ 42%	+ 4%	Aver age
Need Indica tor	+ 26%	+ 22%	+ 9%	- 3%	+ 10%	- 13%	- 22%	- 3%	- 27%	Aver age

# Comparative Throughput for Specialist Palliative Care Beds

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Availa ble bed days per admis sion	15.6	18.9	19.5	16.5	18.1	15,5	18.1	16.8	15.6	16.3
+ or – avera ge	- 10%	+ 9%	+ 13%	- 5%	+ 5%	- 11%	+ 4%	- 3%	- 10%	- 6%

# Population Level Outcome Place of Death 2007

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Hospi ce	3.5%	5.4%	5.4%	3.6%	4.6%	4.3%	6.0%	7.2%	6.5%	4.6%
Hospi tal	57.2 %	57.6 %	54.4 %	56.1 %	58.1 %	55.2 %	62.9 %	51.8 %	52.8 %	51.9 %
Care Home	15.2 %	14.9 %	18.3 %	17.2 %	15.4 %	17.2 %	10.7 %	19.5 %	18.1 %	21.2 %
At Home	21.3 %	19.6 %	19.2 %	20.0 %	19.4 %	20.7 %	17.5 %	18.8 %	19.8 %	20.0 %

# Places in Care Homes with Nursing

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Place s per 100k	464	418	398	363	355	274	253	445	353	456
+ or – Avera ge	+ 26%	+ 14%	+ 8%	- 1%	- 3%	- 25%	- 31%	+ 21%	- 4%	+ 24%
Need Indica tor	+ 26%	+ 22%	+ 9%	- 3%	+ 10%	- 13%	- 22%	- 3%	- 27%	Aver age

# Places in care homes registered for nursing, old age and/or dementia

	NE	NW	Y&H	EM	WM	East	Lond on	SE Coa st	S Cent ral	SW
Place s Per 100K	933	839	824	806	720	722	418	963	664	932
+ or – Avera ge	+ 23%	+ 11%	+ 9%	+ 6%	- 5%	- 5%	- 45%	+ 27%	- 12%	+ 23%
Need Indica tor	+ 26%	+ 22%	+ 9%	- 3%	+ 10%	- 13%	- 22%	- 3%	- 27%	Aver age

# Frequency of Deaths in Care Homes with Nursing

- In the 28 former health authorities in England the average frequency is 1 death per 4 places per year.
- The highest frequency is in Essex with around 1 death per 3 places per year
- The lowest frequency is in North East London with around 1 death per 8 places per year