Together we care

Blackpool Teaching Hospitals **NHS**
NHS Foundation Trust

MORTALITY
Health Scrutiny Report Dec 2014

Dr Richard J M Morgan

BTH Mortality Reduction Lead

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Background

- Historically high mortality indicators
- Keogh Review 2013
- AQUA action plan
- Study of Avoidable Deaths (PRISM)
- Mortality Reduction Lead
- National Alerts
- Care Quality Commission Review 2014
- Latest National Mortality Recalculation

SHMI Ranking By Month Using Internal SHMI methodology
(Please note latest months data will alter as deaths outside hospital are notified)
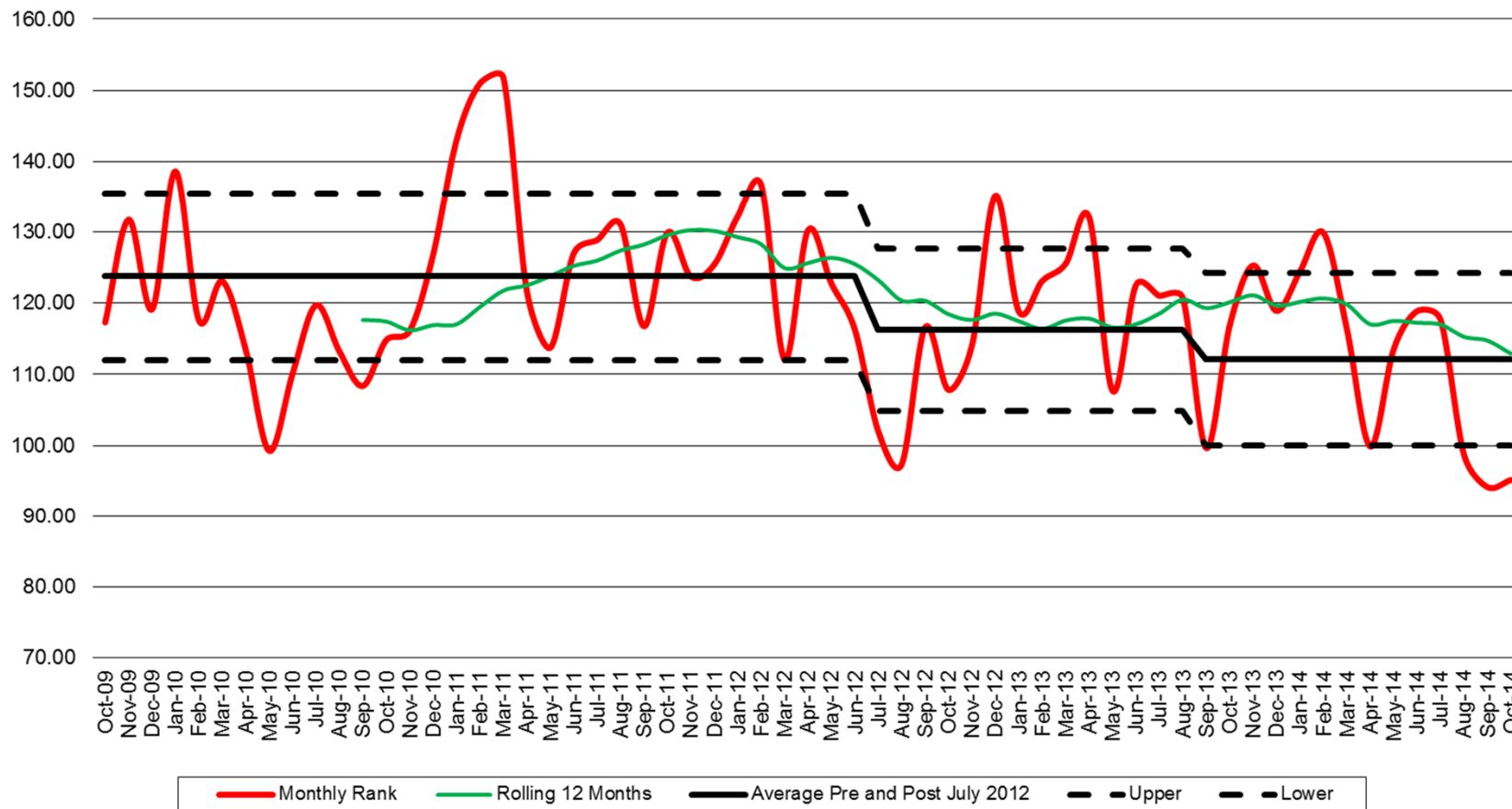
Varying Mortality Indeces

Three types produced nationally: SHMI, HSMR and RAMI

SHMI = Summary Hospital-level Mortality Indicator (Produced by DoH)

HSMR = Hospital Standardised Mortality Ratio (Produced by Dr Foster)

RAMI = Risk Adjusted Mortality Index (Produced by CHKS)

	SHMI	HSMR	RAMI
Deaths outside hospital	Yes	No	No
Adjusted for palliative care	No	Yes	Yes
Includes zero LoS emergencies	Yes	Yes	No
Comorbidity (Charlson Scores)	Partial	Full	Full
Uses procedures undertaken	No	No	Yes
Age Adjusted	21 Bands	19 Bands	6 Bands
Covers all deaths	100%	80%	86%
Excludes Day Cases	Yes	No	Yes
Includes Stillbirths	No	Yes	No
Only uses 1st two Episodes	Yes	Yes	No

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Palliative Care Coding
(BTH National Outlier)

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Palliative Care Coding: All Patients
(Combined: Diagnosis and Specialty)

AQuA Analytics

Source: HSCIC

Legend: Blackpool Teaching Hospitals NHS Foundation Trust — North West — England
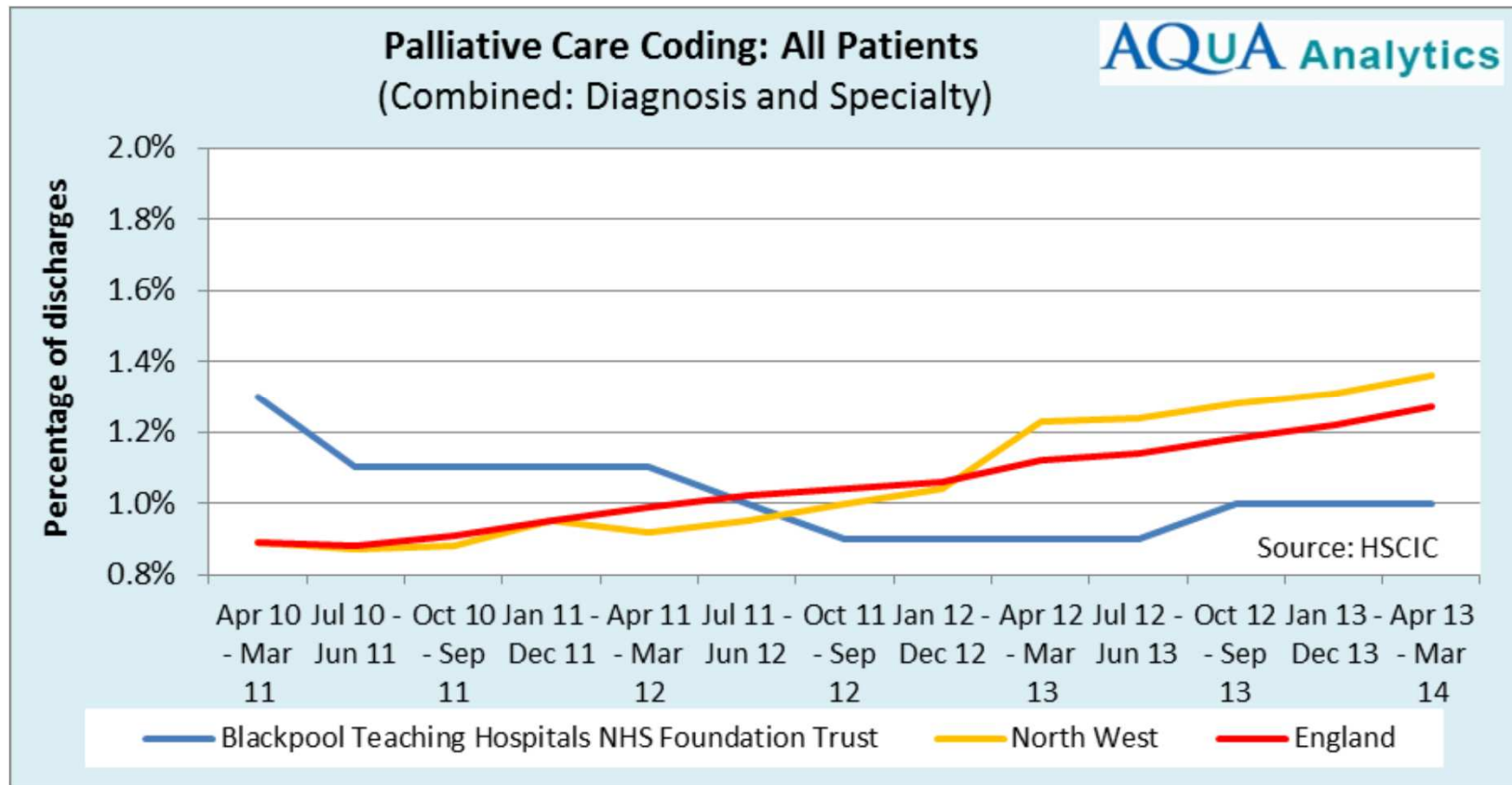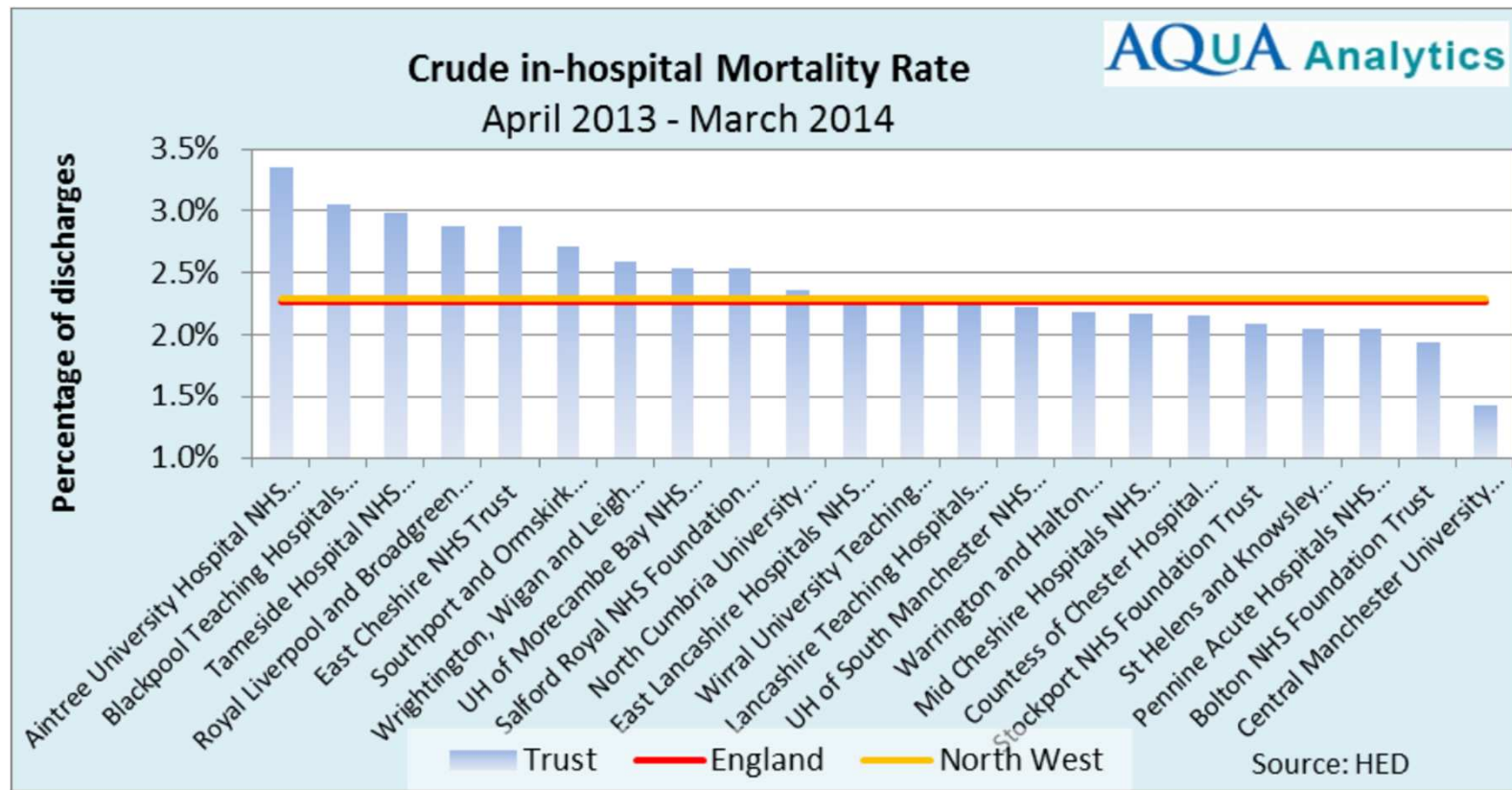
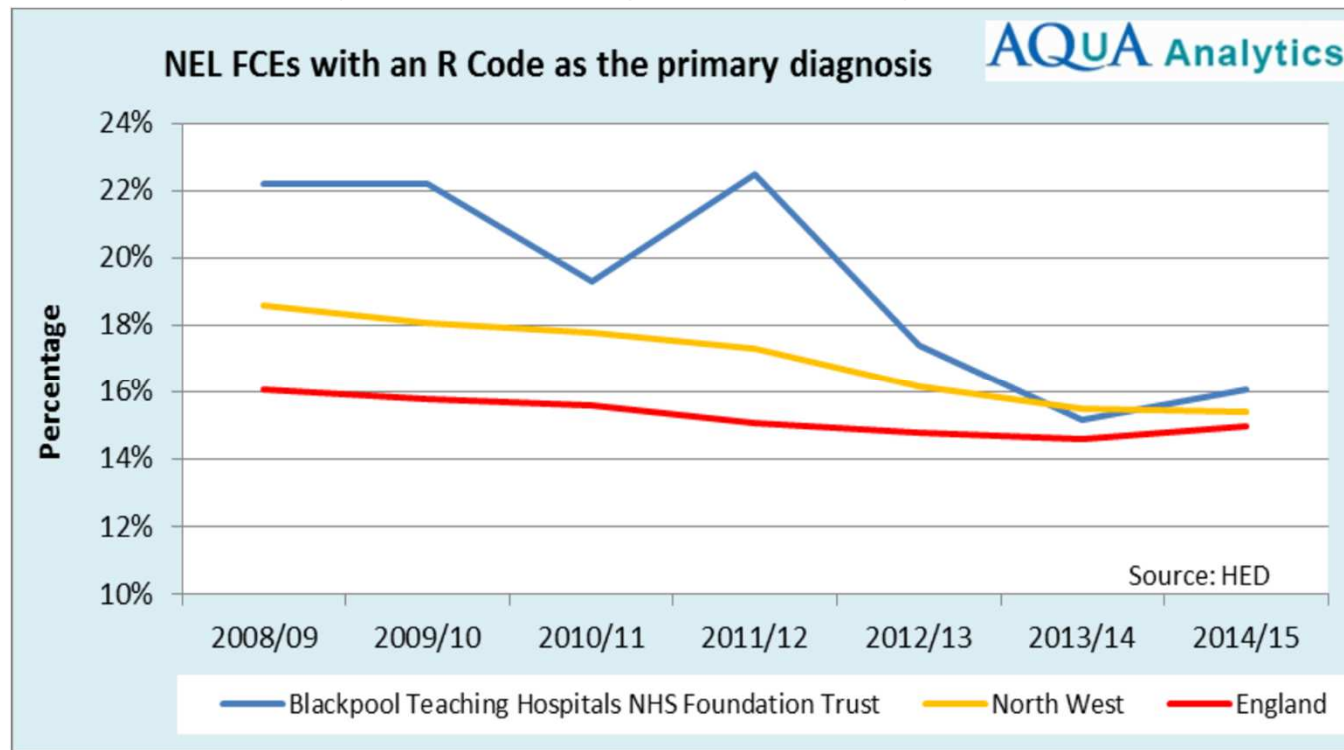| People Centred | Positive | Compassion | Excellence |

Crude Mortality Rates

Signs and Symptoms Coding

- 'R' Codes are non-definative diagnosis codes

Recording of these codes in the primary diagnosis category adversely affects mortality risk

The Trust has improved coding dramatically

NEL FCEs with an R Code as the primary diagnosis — AQuA Analytics

Source: HED

Legend: Blackpool Teaching Hospitals NHS Foundation Trust — North West — England

Planned actions

- Mortality Committee
- Heatmaps
- Pathways
- Coding education
  - R codes
  - Common coding language
  - Palliative care

- AQUA Mortality Collaborative
- Informatics - relative rate of improvement
- Local Area Team Medical Director discussion
- Aintree/ Goole contact

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