## APPENDIX C







### **HEALTH AND WELLBEING BOARD: 1 APRIL 2014**

# REPORT OF THE DIRECTOR OF HEALTH AND CARE **INTEGRATION**

# SUPPLEMENTARY BRIEFING PAPER ON BETTER CARE FUND **METRICS AND TRAJECTORIES**

#### Introduction

- 1. Since the draft submission of the Better Care Fund (BCF) Plan an impact analysis has been undertaken to assess the impact of the proposals on the six metrics.
- 2. The attached analysis was reviewed and finalised by the Integration Executive at their meeting on March 25, 2014 and the following recommendations are made for the Health and Wellbeing Board's approval.
- 3. It should be noted that each trajectory shows the impact of the improvement over a two year period in line with BCF requirements and the data supplied with the technical guidance. Following discussion at the Integration Executive meeting, and to help with understanding the total impact of our plan over this period for Leicestershire's population, we have shown two views of the expected improvement in each case:
  - ١. The impact of the improvement based on the expected population growth over the period; and
  - The impact of the improvement if the population had remained the same 11. (static).

#### Recommendations

- 4. The Health and Wellbeing Board is recommended to approve the submission of the metrics per the analysis in the attached paper with the following caveats:
  - Further work is required to improve data quality for recording reablement a. at 91 days.
  - The delayed transfers of care metric is subject to change due to further b. national work/consultation in 2014/15. Locally however we need to create a tier of analysis below this metric which looks at the source data by

- setting (e.g. community, mental health and acute) and the impact of BCF interventions in each setting.
- c. We have done further work on the metric for avoidable emergency admissions and expressed this as an illustrative trajectory over a five year period. This is shown in NHSE Template One on page 17, with supporting narrative indicating the improved pace of delivery (stretch to be applied) from 2015/16 onwards, in line with CCG operating plan/five year plan intentions.
- d. The Integration Executive will build on this approach and oversee work to develop a five year trajectory for each metric during Q1 2014/15 which will link to the development of the LLR five year strategy by June 2014. In terms of stretching our level of ambition across the system, this work is an essential next step.
- e. In terms of measuring patient experience, we continue to await national guidance for this metric.
- f. The numerator for the falls metric currently increases over the course of the proposed trajectory. Further analysis is needed on the impact of the proposed schemes to deliver against this metric see g. below
- g. The Integration Executive should assess the potential introduction of an additional BCF scheme for the falls metric. This is because the schemes currently in the plan will not deliver sufficiently against this metrics in the first 18 months, but remain valid for prevention in the longer term. The feasibility of the EMAS falls prevention scheme should be explored, as this has good evidence from elsewhere in the East Midlands and could be a very effective addition to the integrated urgent response theme of the BCF. Based on the Northamptonshire scheme an indicative figure for part year effect in 2014/15 has been factored into the financial plan, while feasibility work is carried out.
- h. There will be an ongoing programme of work on BCF impact analysis overseen by the Integration Executive. This will include:
  - Confirming/developing performance indicators for each of the component schemes, so that the contribution of each component of the BCF plan to one or more of the 6 metrics can be further assured/challenged.
  - ii. Strengthening the evidence base for the BCF
- At the time of writing this report, the contract between Clinical Commissioning Groups and the University Hospitals of Leicester is being

finalised, so any update on this, which impacts on BCF assumptions, will be taken verbally at the meeting.

### **Officer to Contact**

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#### LEICESTERSHIRE COUNTY COUNCIL

#### **BETTER CARE FUND IMPACT ANALYSIS**

#### 1. INTRODUCTION

The Leicestershire Better Care Fund (BCF) Plan for 2014/15 and 2015/16 will be submitted on 4 April 2014. This will compromise an updated BCF plan with a supporting financial and performance outcome template submission. The aim of this paper is to present the findings of an impact analysis of the thirty-seven components of the BCF plan against the plans of the six outcome metrics. NHS England provided technical guidance for the preparation of baselines and trajectories for each metric, including an indication of what would constitute a statistically significant improvement based on the population size.

#### 2. FINDINGS FROM METRIC REVIEWS

Since the original BCF submission on 14 February 2014 a detailed impact analysis has been undertaken of the (five) national and (one) local metrics against which delivery of the BCF plan will be assessed. This initial impact assessment was presented for discussion at a multiagency workshop held on 12 March 2014. The findings are presented below.

# 2.1. METRIC 1: Permanent admissions of older people (aged 65 and over) to residential and nursing care homes, per 100,000 population

This is a nationally defined metric measuring delivery of the outcome to reduce inappropriate admissions of older people to residential care. Chart 1 shows a bar chart illustrating the proposed trajectory detailed in Table 1 below. The line chart shows that validation of this metric using BCF base data and the statistical significance calculator (see Appendix B) has ratified the proposed trajectory.

Chart 1.1 Chart 1.2

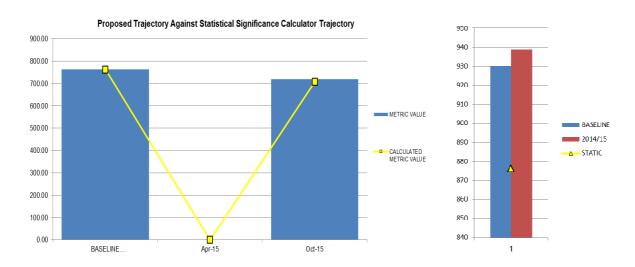


Table 1

	BASELINE	4-54	Oct-15 PAYMENT
	(Apr-12 – Mar-13)	Apr-15 PAYMENT	(Apr-14 – Mar-15)
NUMERATOR	930		939
DENOMINTOR	121,930		130,645
METRIC VALUE	762.73		718.74

The proposed trajectory is for a reduction from 762.73 permanent admissions per 100,000 population per year to 718.74 (or 5.77%) by 31 March 2015 (this is against a national benchmark of a reduction of 13%). It is noted that the numerator for the October 2015 payment is 939 which is an increase of 9 (0.97%) against the baseline of 930. Chart 1.2 illustrates this increase in the numerator. This chart also shows the effect of discounting population growth which would result in 54 fewer permanent admissions to residential or nursing care.

# 2.2. METRIC 2: Proportion of older people (65 and over) who were still at home 91 days after discharge from hospital into reablement / rehabilitation services

This is a nationally defined metric measuring delivery of the outcome to increase the effectiveness of reablement and rehabilitation services whilst ensuring that the number of service users offered the service does not decrease. The aim is therefore to increase the percentage of service users still at home 91 days after discharge. Chart 2 shows a bar chart illustrating the proposed trajectory detailed in Table 2 below. The line chart shows that validation of this metric using BCF base data and the statistical significance calculator (see Appendix B) has ratified the proposed trajectory.

Chart 2.1 Chart 2.2

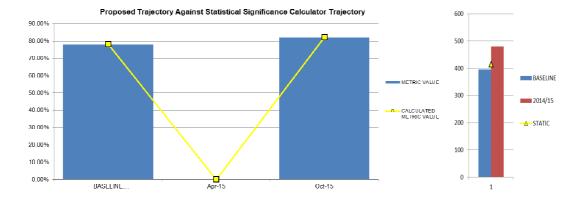


Table 2

	BASELINE	4 4 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Oct-15 PAYMENT
	(Apr-12 – Mar-13)	Apr-15 PAYMENT	(Apr-14 – Mar-15)
NUMERATOR	395		480
DENOMINTOR	505		584
METRIC VALUE	78.22%		82.19%

The proposed trajectory is for an increase from 78.22% of service users still at home 91 days after discharge to 82.19% (or 5.08%) by 31 March 2015 (this is against a national benchmark of an increase of 6%). It is noted that an action plan is being developed to improve the data quality to more accurately measure the 91-day period from discharge. Chart 2.2 shows the effect of discounting population growth on the number of older people who were still at home 91 days after discharge. It is noted however, that the percentage delivery against this indicator remains the same.

# 2.3. METRIC 3: Delayed transfers of care from hospital per 100,000 population (average per month)

This is a nationally defined metric measuring delivery of the outcome of effective joint working of hospital services (acute, mental health and non-acute) and community-based care in facilitating timely and appropriate transfer from all hospitals for all adults. The aim is therefore to reduce the rate of delayed bed days per 100,000 population. Chart 3.1 shows the cumulative monthly rate of delayed bed days per 100,000 population for the baseline period, 2014/15 and Q1 2015/16. Chart 3.2 shows the reduction in cumulative bed days comparing the end of the baseline period with 2014/15.



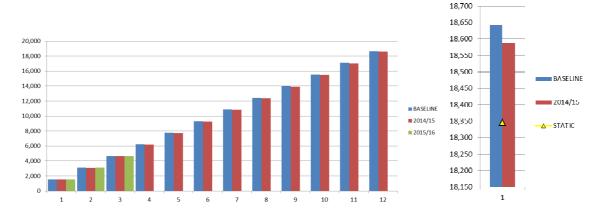


Table 3

	BASELINE	Apr-15 PAYMENT	Oct-15 PAYMENT
	(Apr-12 – Mar-13)	(Apr-14 – Dec-14)	(Jan-15 – Jun-15)
NUMERATOR	12,429	13,915	9,348
DENOMINTOR	530,769	536,515	541,600
METRIC VALUE	292.71	288,18	287.67

Table 3 shows the proposed trajectory to be submitted for this indicator. The proposed trajectory is for a decrease from a baseline of 292.71 delayed bed days per 100,000 per month to 288.18 (1.55%) by 31 December 2014 followed by a further reduction to 287.67 (0.18%) by 30 June 2015. This is against a national benchmark of a reduction of 4%. Chart 3.2 also shows the effect of discounting population growth which would result in a further reduction of 242 delayed bed days at the end of 2014/15.

#### 2.4. METRIC 4: Avoidable emergency admissions (composite measure)

This is a nationally defined metric measuring delivery of the outcome to reduce avoidable emergency admissions which can be influenced by effective collaboration across the health and care system. This is a composite measure of:

- Unplanned hospitalisation for chronic ambulatory care sensitive conditions (all ages)
- Unplanned hospitalisation for asthma, diabetes and epilepsy in children
- Emergency admissions for acute conditions that should not usually require hospital admission (all ages)
- Emergency admissions for children with lower respiratory tract infections



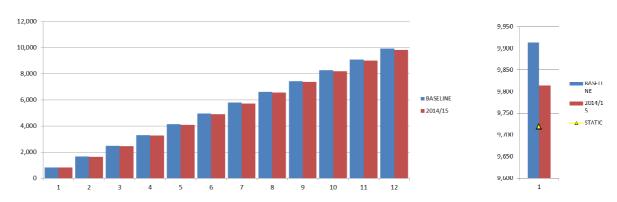


Chart 4.1 shows the cumulative monthly rate of emergency admissions per 100,000 population for the baseline period, 2014/15 and Q1 2015/16. Chart 4.2 shows the

reduction in cumulative bed days comparing the end of the baseline period with 2014/15.

Table 4

	BASELINE	Apr-15 PAYMENT	Oct-15 PAYMENT
	(Apr-12 – Mar-13)	(Apr-14 – Sep-14)	(Oct-14 – Mar-15)
NUMERATOR	9,913	4,907	4,907
DENOMINTOR	665,557	672,049	672,049
METRIC VALUE	124.12	121.69	121.69

Table 4 shows the proposed trajectory to be submitted for this indicator. The proposed trajectory is for a decrease from a baseline of 124.12 emergency admissions per 100,000 per month to 121.69 (1.96%) by 30 September 2014 and then remaining the same at 121.69 until 31 March 2015. Chart 4.2 also shows the effect of discounting population growth which would result in a further reduction of 99 avoidable emergency admissions at the end of 2014/15

# 2.5. METRIC 5: Patient / service user experience [for local measure, please list actual measure to be used. This does not need to be completed if the national metric (under development) is to be used]

This will be a nationally defined metric however, at the time of writing this paper the guidance confirming the definition of the metric has not be released. The outcome will be to demonstrate local population/health data, patient/service user and carer feedback has been collated and used to improve patient experience. To provide assurance that there is a co-design approach to service design, delivery and monitoring, putting patients in control and ensuring parity of esteem.

In the absence of this clarity this metric was reviewed as part of the BCF workshop held on 12 March 2014.

#### 2.6. METRIC 6: Injuries due to falls in people aged 65 and over

This is a locally defined metric measuring delivery of the outcome to reduce emergency admissions due to falls in people aged 65 and over. Chart 5.1 shows the cumulative monthly rate of emergency admissions per 100,000 population for the baseline period, 2014/15 the period October 2014 to September 2015. Chart 5.2 shows the increase in cumulative emergency admissions comparing the end of the baseline period with 2014/15 and the period October 2014 to September 2015.

Chart 5.1

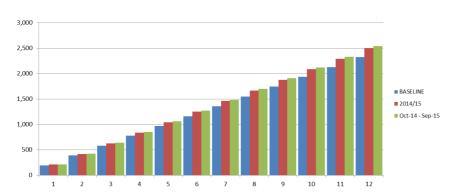


Chart 5.2

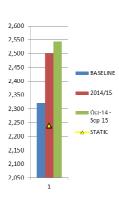


Table 5

	BASELINE	Apr-15 PAYMENT	Oct-15 PAYMENT
	(Apr-10 – Mar-11)	(Apr-14 – Mar-15)	(Oct-14 – Sep-15)
NUMERATOR	2,322	2,500	2,543
DENOMINTOR	115,044	128,466	130,645
METRIC VALUE	168.20	162.17	162.21

Table 5 shows the proposed trajectory to be submitted for this indicator. The proposed trajectory is for a decrease from a baseline of 168.20 emergency admissions per 100,000 per month to 162.17 (3.58%) by 31 March 2015 followed by a slight increase to 162.21 (0.02%) by 30 September 2015. Chart 5.2 also shows the effect of discounting population growth which would result in a further reduction of 83 emergency admissions due to falls at the end of 2014/15 in comparison to the baseline.

#### **APPENDIX: BCF Metric Impact Analysis**

