

Revision to the 2018 Maternity Services Survey

Details of error

Respondents who answered “I had no choices due to medical reasons” or “Don’t know” to [question B4](#) “Were you offered any of the following choices about where to have your baby?” (11% of eligible respondents) were mistakenly given a score of 0 in the respondent-level data. Those responses, which do not reflect on the trust’s care, should have been excluded from the calculation of trust scores.

General impact of error

The general effect of this error is that each trust’s corrected score on question B4 is higher than their original score published on 29 January 2019 in antenatal benchmark reports and open benchmark data. On average, trust scores are half a point higher, but the change to the trust score ranges from +0.06 to +1.37.

In total, sixteen trusts have been materially impacted by this error. That is, their banding for question B4 and/or Section 1 has changed, or the results of their historical comparison for question B4 has been affected. Impacted trusts were notified in advance of the publication of this correction notice.

The remaining sections of this notice report on the impact of this error on antenatal reports and open benchmark data only. No other outputs have been materially affected.

Impact on question B4 banding

Trusts previously report as “**better than expected**” with a corrected banding of “**about the same**”:

- Lewisham and Greenwich NHS Trust
- Maidstone and Tunbridge Wells NHS Trust
- Nottingham University Hospitals NHS Trust
- Royal United Hospitals Bath NHS Foundation Trust

Trusts previously reported as “**worse than expected**” with a corrected banding of “**about the same**”:

- South Warwickshire NHS Foundation Trust
- Wye Valley NHS Trust

Trusts previously reported as “**about the same**”, with a corrected banding of “**worse than expected**”:

- Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust
- Walsall Healthcare NHS Trust

Trusts previously reported as “**worse than expected**”, with no score and no band in corrected analysis, due to low number of respondent suppression rule (< 30):

- Kettering General Hospital NHS Foundation Trust

In total, then, the corrected results change nine trusts banding for question B4.

Impact on historical comparisons

The error also affects the outcome for significance tests of the difference between 2018 and 2017 survey scores on question B4.

Trusts with results previously reported as significantly higher (↑) than 2017, but unchanged when corrected:

- Maidstone and Tunbridge Wells NHS Trust
- Mid Essex Hospital Services NHS Trust
- Salisbury NHS Foundation Trust
- University Hospital Southampton NHS Foundation Trust
- Wrightington, Wigan and Leigh NHS Foundation Trust

Trusts with results previously reported as unchanged from 2017, but significantly decreased (↓) when corrected:

- United Lincolnshire Hospitals NHS Trust
- Walsall Healthcare NHS Trust

Impact on section scores

The error also affects one of the eight section scores. Each trust's score for the first section of the questionnaire "The start of care in your pregnancy", which is the average of questions B4 and B6, is higher than the original score published on 29 January. On average, trust scores are a quarter of a point higher, but the change to the trust score ranges from +0.05 to +0.69.

Trusts previously reported as "**better than expected**" with a corrected banding of "**about the same**":

- Lewisham and Greenwich NHS Trust
- Royal United Hospitals Bath NHS Foundation Trust

Trusts previously reported as "**about the same**" with a corrected banding of "**better than expected**":

- Royal Cornwall Hospitals NHS Trust
- University Hospital Southampton NHS Foundation Trust

Trusts previously reported as "**worse than expected**" with a corrected banding of "**about the same**":

- Basildon and Thurrock University Hospitals NHS Foundation Trust

Other affected outputs

The error affects two published outputs: open benchmark data and antenatal benchmark reports. The revised open benchmark data can be downloaded [here](#) and the revised antenatal benchmark reports can be accessed [here](#).

Is there a material impact on the multivariate (subgroup) analysis reported in the statistical release?

Question B4 was included in the choice theme of the multivariate subgroup analysis, alongside question B7 "During your pregnancy were you given a choice about where your antenatal check-ups would take place?". It is important to consider whether the scoring error materially impacts upon this analysis, which was included and interpreted in the statistical release.

The original analysis, presented on page 65 of the [statistical release](#), found that perceptions of choice were not different from the grand mean, to a statistically significant extent, for any subgroup. In the corrected analysis, centred subgroup means differed on average by just 0.06 units, with a of range 0.22 (longstanding illness) to 0.001 (named midwife, postnatal only). As in the original analysis, perceptions of choice were not different from the grand mean, to a statistically significant extent, for any subgroup of women.

The subgroup results reported in the statistical release are therefore not considered materially impacted by the scoring error. The visualisation of this subgroup analysis has, however, been amended in the statistical release.