

## Maternity care pathway reports: antenatal care

Survey of women's experiences of maternity care 2018  
Norfolk and Norwich University Hospitals NHS Foundation Trust

# **NHS Patient Survey Programme**

## **Survey of women's experiences of maternity care 2018**

### **Maternity care pathway reports: antenatal care**

#### **The Care Quality Commission**

The Care Quality Commission (CQC) is the independent regulator of health and adult social care in England.

#### **Our purpose:**

We make sure health and social care services provide people with safe, effective, compassionate, high-quality care and we encourage care services to improve.

#### **Our role:**

We monitor, inspect and regulate services to make sure they meet fundamental standards of quality and safety and we publish what we find, including performance ratings to help people choose care.

### **Survey of women's experiences of maternity care 2018**

To improve the quality of services that the NHS delivers, it is important to understand what people think about their care and treatment. One way of doing this is to ask people who have recently used their local health services to tell us about their experiences.

The 2018 survey of women's experiences of maternity care involved 129 NHS acute trusts in England. We received responses from 17,611 women, a response rate of 36.8%. Women were eligible for the survey if they had a live birth during February 2018<sup>1</sup>, were aged 16 years or older, and gave birth in a hospital, birth centre, maternity unit, or at home. Fieldwork for the survey (the time during which questionnaires were sent out and returned) took place between April and August 2018.

Similar surveys of women's experience of maternity care were carried out in 2007, 2010, 2013, 2015 and 2017. Maternity care surveys are part of a wider programme of NHS patient surveys which cover a range of topics, including acute inpatient services, urgent and emergency care services, and community mental health services. To find out more about the programme and to see the results from previous surveys, please see the links in the 'Further Information' section.

CQC will use the results from the survey in the regulation, monitoring and inspection of NHS trusts in England. Survey data will be used in CQC Insight, which provides inspectors with an assessment of performance in areas of care within an NHS trust that need to be followed up. Survey data will also be used to support CQC inspections.

NHS England will use the results to check progress and improvement against the objectives set out in the NHS mandate, and the Department of Health and Social Care will hold them to account for the outcomes they achieve. NHS Improvement will use the results to inform their oversight model for the NHS.

#### **Antenatal and postnatal data**

When answering survey questions about labour and birth, we can be confident that in all cases women are referring to the acute trust from which they were sampled. It is therefore possible to compare results for labour and birth across all 129 NHS trusts that took part in the survey. The survey also asked women about their experiences of antenatal and postnatal care. However, some women may not have received their antenatal and/or postnatal care from the trust at which they gave birth. This could be due to one of several reasons, such as moving home or having to travel for more specialist care, or due to variation in service provision across the country.

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<sup>1</sup>55/129 (42.6%) trusts also sampled births in January 2018 to produce a sufficient sample size. For further details on the sampling criteria, please see the survey sampling instructions at: [nhssurveys.org/surveys/2073](https://nhssurveys.org/surveys/2073)

We asked trusts to identify which of the women in their sample were likely to have also received their antenatal and postnatal care from the trust, using either electronic records or residential postcode information. This attribution exercise was completed for the first time in the 2013 survey. In 2018, 122 trusts that took part in the survey completed the attribution exercise. The aim of collecting this information was to improve the accuracy with which survey responses are attributed to the care provider to allow trusts to gain better insight into their services.

Responses from women who were identified as receiving their antenatal care from the same trust at which they gave birth were used to calculate scores for the antenatal survey data for each trust, and likewise for the postnatal data. This report contains the benchmarked results for the antenatal care section of the questionnaire. The scores for postnatal care are provided in a separate report. As for the 2017 Maternity Survey, antenatal and postnatal data cannot be considered as statistically robust as the data for labour and birth, for several reasons:

1. As the attribution data is provided voluntarily, it is not possible to consider it representative for all trusts in the survey – comparisons can only be drawn between trusts that completed the exercise. Trusts are only identified as being ‘better’ or ‘worse’ within the subset of trusts that completed the attribution exercise, therefore it is not a true benchmark for performance across England.
2. For trusts that do not keep electronic records of antenatal and postnatal care, attribution was based on the residential location of respondents. Therefore it was not possible to identify whether women had received care from a different provider for reasons such as requiring specialist care. This may mean that some respondents are included in the data despite having received care from another trust.
4. NHS trusts completed the attribution exercise themselves, and due to the limitations of this process, the Survey Coordination Centre were unable to verify the accuracy of the information. This means we cannot be certain about the reliability of the attribution data.

It is also important to note that not every trust who provided attribution data will be provided with an ante- or postnatal report. This is due to low response rates from women who received either ante- or postnatal care from the trust. It is the policy of the Survey Coordination Centre to remove responses from trusts with fewer than 30 responses per question because uncertainty around such results would be too great, and very low numbers would risk respondents being recognised from their responses.

The antenatal and postnatal survey data from the trusts that completed the attribution exercise will be shared with those trusts. The reports will be published on the Survey Coordination Centre website, but should be interpreted with caution for the reasons described above.

## **Interpreting the report**

This report shows how a trust scored for each question in the antenatal care section of the questionnaire, compared with the range of results from 120 other trusts that completed the attribution exercise and had sufficient respondent numbers. It is designed to help understand the performance of individual trusts and to identify areas for improvement.

Section scores are also provided, labelled S1, S2 and S3. The scores for each question are grouped according to the relevant sections of the questionnaire, ‘The start of your care in pregnancy’, ‘Antenatal check ups’ and ‘During your pregnancy’.

## **Standardisation**

Trusts have differing profiles of maternity service users. For example, one trust may have more first-time mothers than another. This can potentially affect the results because people tend to answer questions in different ways depending on certain characteristics. This could lead to a trust’s results appearing better or worse than if they had a slightly different profile of maternity service users.

To account for this, we ‘standardise’ the data by parity (whether or not they have given birth previously) and age of respondents. This helps to ensure that each trust’s age-parity profile reflects the national age-parity distribution (based on all of the respondents to the survey) and enables a fairer comparison of results from trusts with different profiles of maternity service users. In most

cases this standardisation will not have a large impact on trust results.

## Scoring

For each question in the survey, individual responses were converted into scores on a scale of 0 to 10. A score of 10 represents the best possible response; therefore, the higher the score for each question, the better the trust is performing. It is not appropriate to score all questions within the questionnaire, since some questions do not assess the trust in any way.

## Graphs

The graphs in this report show how the score for the trust compares to the range of scores achieved by all trusts that completed the attribution exercise and had sufficient respondent numbers. The black diamond shows the score for your trust. The graph is divided into three sections:

- If your trust's score lies in the grey section of the graph, its result is 'about the same' as most other trusts;
- If your trust's score lies in the orange section of the graph, its result is 'worse' than would be expected when compared with most other trusts;
- If your trust's score lies in the green section of the graph, its result is 'better' than would be expected when compared with most other trusts.

The text to the right of the graph states whether the score for your trust is 'better' or 'worse'. If there is no text the score is 'about the same'.

## Methodology

The 'about the same', 'better' and 'worse' categories are based on a statistic called the 'expected range' which determines the range within which the trust's score could fall without differing significantly from the average, taking into account the number of respondents for each trust and the scores for all other trusts that submitted attribution data and had sufficient respondent numbers. If the trust's performance is outside of this range, it means that it performs significantly above or below what would be expected. If it is within this range, we say that its performance is 'about the same'. Where a trust is performing 'better' or 'worse' than the majority of other trusts, the result is very unlikely to have occurred by chance.

In some cases there will be no orange and/or green area in the graphs. This occurs when the expected range for your trust is so broad it encompasses either the highest possible score for all trusts (no green section) or the lowest possible score for all trusts (no orange section). This could be because there were few respondents and/or a large amount of variation in their answers.

If fewer than 30 respondents have answered a question, no score will be displayed for this question (or the corresponding section). This is because the uncertainty around the result is too great.

A technical document providing more detail about the methodology and the scoring applied to each question is available on our website (see 'Further Information' section).

## Tables

At the end of the report you will find tables containing the data used to create the graphs.

Scores from the 2017 survey are also displayed where comparable. The column called 'change from 2017' uses arrows to indicate whether the score for 2018 shows a statistically significant increase (up arrow), a statistically significant decrease (down arrow) or has shown no statistically significant change (no arrow) compared with 2017. A statistically significant difference means that the change in results is very unlikely to have occurred by chance. Significance is tested using a two-sample t-test with a significance level of 0.05.

Where a result for 2017 is not shown, this is because the question was either new in 2018, or the question wording and/or response options have been changed. Comparisons are also not shown if a trust has merged with another trust(s) since the 2017 survey, or if a trust committed a sampling error in 2017. Please also note that comparative data is not shown for the questionnaire sections as the questions contained in each section can change year on year.

## Further information

The full England-level results for the 2018 survey are on the CQC website, together with an A to Z list to view the results for each trust's labour and birth questions, and the technical document outlining the methodology and the scoring applied to each question. You will be able to access these documents through:

[cqc.org.uk/maternitysurvey](http://cqc.org.uk/maternitysurvey)

For the trusts who submitted attribution data and had sufficient respondent numbers, the reports for antenatal and postnatal care are available on the NHS surveys website, along with the labour and birth reports for all trusts, at:

[nhssurveys.org/surveys/1363](http://nhssurveys.org/surveys/1363)

The results for the 2007, 2010, 2013, 2015 and 2017 maternity surveys can be found on the NHS surveys website at:

[nhssurveys.org/surveys/299](http://nhssurveys.org/surveys/299)

Full details of the methodology for the survey can be found at:

[nhssurveys.org/surveys/1168](http://nhssurveys.org/surveys/1168)

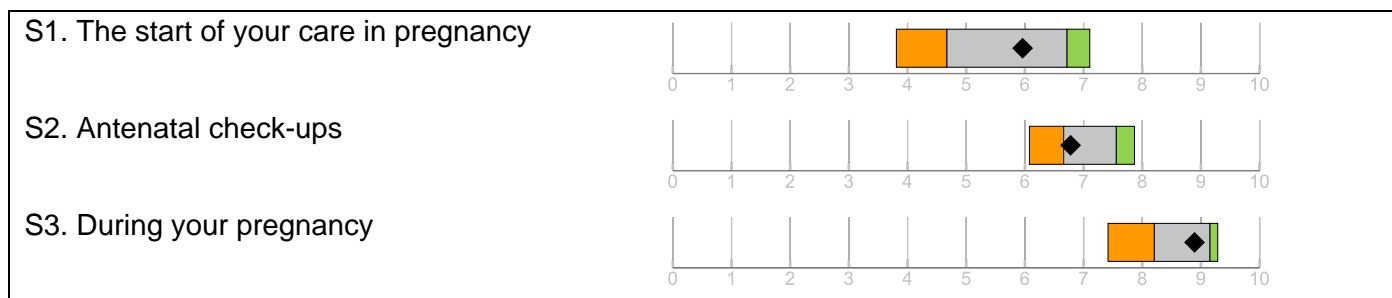
More information on the programme of NHS patient surveys is available at:





[cqc.org.uk/content/surveys](http://cqc.org.uk/content/surveys)

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## Norfolk and Norwich University Hospitals NHS Foundation Trust

### Section scores

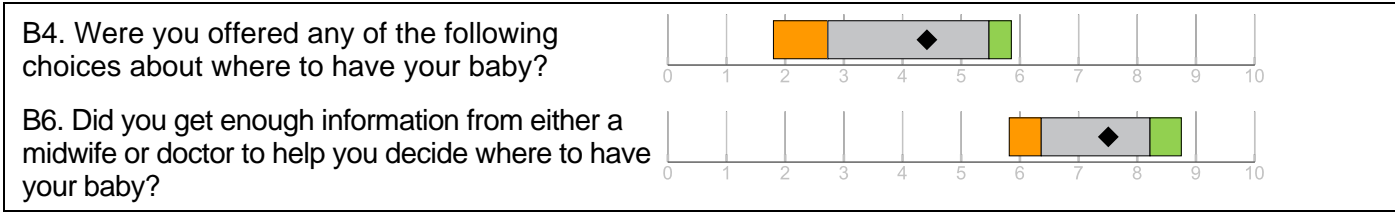


	Best performing trusts		
	About the same		
	Worst performing trusts		
			'Better/Worse' Only displayed when this trust is better/worse than most other trusts This trust's score (NB: Not shown where there are fewer than 30 respondents)

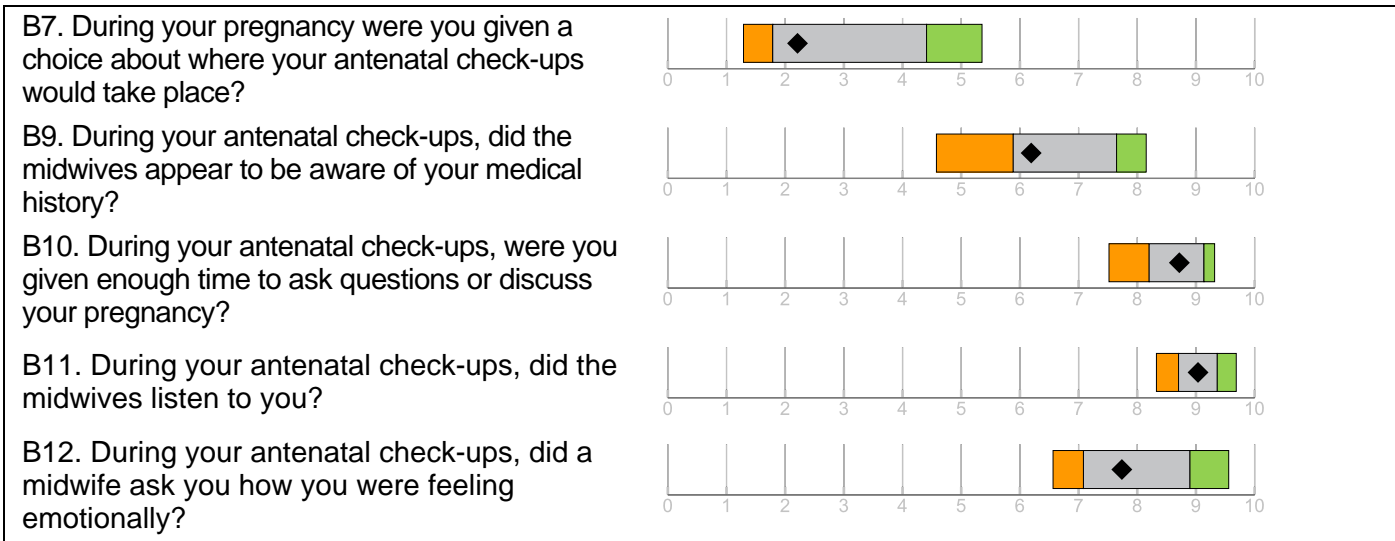
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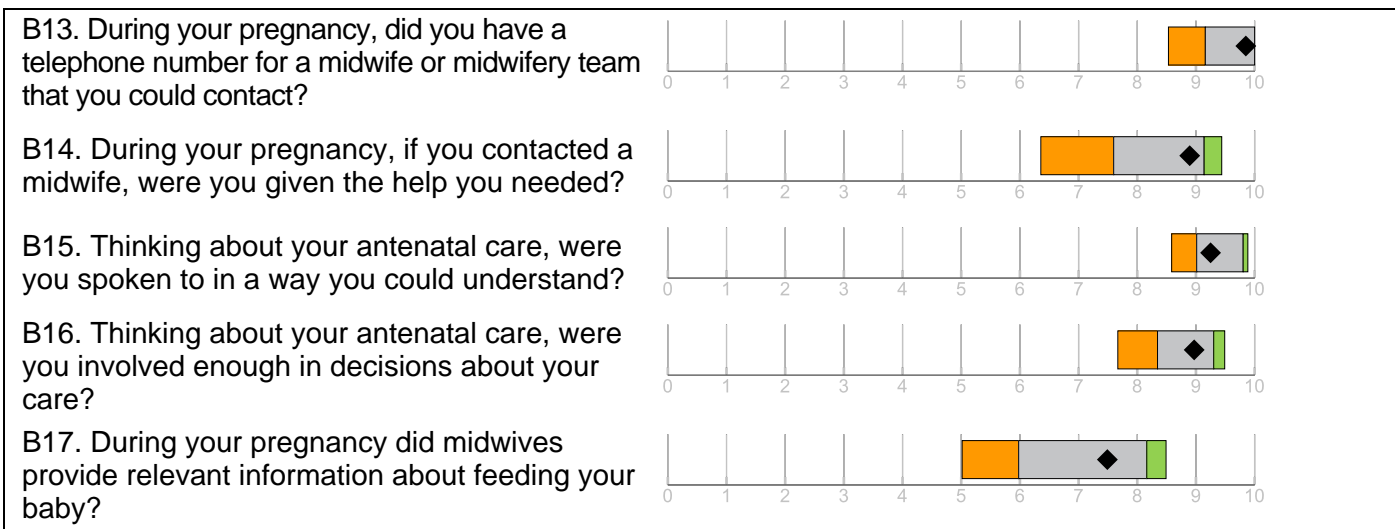
### The start of your care in pregnancy



### Antenatal check-ups



### During your pregnancy



<span style="color: green;">■</span> Best performing trusts	'Better/Worse'	Only displayed when this trust is better/worse than most other trusts
<span style="color: grey;">■</span> About the same	◆	This trust's score (NB: Not shown where there are fewer than 30 respondents)
<span style="color: orange;">■</span> Worst performing trusts		

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**Foundation Trust**

	Scores for this NHS trust	Lowest trust score in England	Highest trust score in England	Number of respondents (this trust)	2017 scores for this NHS trust	Change from 2017
<b>The start of your care in pregnancy</b>						
S1	Section score	6.0	3.8	7.1		
B4	Were you offered any of the following choices about where to have your baby?	4.4	1.8	5.9	129	4.7
B6	Did you get enough information from either a midwife or doctor to help you decide where to have your baby?	7.5	5.8	8.8	130	7.3
<b>Antenatal check-ups</b>						
S2	Section score	6.8	6.1	7.9		
B7	During your pregnancy were you given a choice about where your antenatal check-ups would take place?	2.2	1.3	5.4	155	1.5
B9	During your antenatal check-ups, did the midwives appear to be aware of your medical history?	6.2	4.6	8.2	161	6.1
B10	During your antenatal check-ups, were you given enough time to ask questions or discuss your pregnancy?	8.7	7.5	9.3	166	8.6
B11	During your antenatal check-ups, did the midwives listen to you?	9.0	8.3	9.7	166	8.9
B12	During your antenatal check-ups, did a midwife ask you how you were feeling emotionally?	7.7	6.6	9.6	165	7.6
<b>During your pregnancy</b>						
S3	Section score	8.9	7.4	9.3		
B13	During your pregnancy, did you have a telephone number for a midwife or midwifery team that you could contact?	9.9	8.5	10.0	166	9.9
B14	During your pregnancy, if you contacted a midwife, were you given the help you needed?	8.9	6.4	9.4	137	8.6
B15	Thinking about your antenatal care, were you spoken to in a way you could understand?	9.2	8.6	9.9	166	9.4
B16	Thinking about your antenatal care, were you involved enough in decisions about your care?	9.0	7.7	9.5	165	9.0
B17	During your pregnancy did midwives provide relevant information about feeding your baby?	7.5	5.0	8.5	153	

↑ or ↓ Indicates where 2018 score is significantly higher or lower than 2017 score  
 (NB: No arrow reflects no statistically significant change)  
 Where no score is displayed, no 2017 data is available.