**NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE**

**NICE indicator validity assessment**

Assurance date: June 2021

Review date: June 2024

# Indicator IAP00145

# Maternal smoking at delivery

# Validity assessment

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| **Domain** | **Notes** | **Assessment** |
| Importance | Indicator is no longer part of the CCG outcomes indicator set and now forms part of a separate collection ‘Statistics on Women’s Smoking Status at Time of Delivery: England’.  Nationally rates have been falling over time, from 15.8% of women with a known smoking status smoking at time of delivery in 2006/07 to 10.4% in 2019/20 (provisional). Wide variation exists by region and by individual CCG, ranging from 1.6% to 23.3%. | Overall rates are falling though substantial variation across CCGs. |
| Evidence base | From IAP00145 supporting documentation[[1]](#footnote-1):  “Smoking in pregnancy has well known detrimental effects on the growth and development of the baby and health of the mother. The Tobacco Control Plan contained a national ambition to reduce the proportion of women smoking throughout pregnancy to 11% or less by the end of 2015 (measured at time of giving birth). The inclusion of this indicator will ensure that local tobacco control activity is appropriately focused on pregnant women, in order to try to achieve this national ambition. This ambition was achieved at national level during 2015/16 although around half of CCGs still had an indicator value above this target. A new Government Tobacco Control Plan for England was introduced in July 2017 along with a new national ambition.”  This indicator will help make sure priority is given to the reduction of smoking at delivery. Encouraging pregnant women to stop smoking during pregnancy may also help them kick the habit for good, and will result in health benefits for the child and mother, as well as cost savings to the NHS.”  The updated national ambition is to reduce smoking in pregnancy to 6% or less by 2022[[2]](#footnote-2), currently only 28 CCG’s are exceeding this target. | Strong evidence base for this indicator as a measure of mother and child health. |
| Specification | From archived HSCIC specification:  Numerator: Number of maternities where mother is recorded as smoking at time of delivery  Denominator: number of maternities in the CCG where smoking status is known  Exclusions: Deliveries taking place anywhere other than home or in an NHS hospital (including GP units)  Methodology: Percentage  Geography: England, NHS Area Team, CCG  Data Source: NHS Digital smoking at time of delivery collection  Disclosure control: None | The indicator has defined components necessary to construct the indicator. |
| Feasibility | All data from long running data sources. Development of similar indicators is ongoing using the Maternity Services Dataset however this collection will continue. | Data has been flowing for some time and data sources will continue. |
| Acceptability | Overall rates have been decreasing over time, suggesting improvement. Variation exists across CCG’s. | The indicator assesses performance that is attributable to or within the control of the audience. This will apply to clinical staff as well as wider public health and local authority services.  The results of the indicator can be used to improve practice. |
| Risk | No obvious issues | None identified. |

**Summary:** Indicator to be renewed.

**NHS Digital Indicator reference:**

CCG Outcomes Indicator Set - 1.14 Maternal smoking at delivery

This indicator now signposts to a collection on Statistics on Women's Smoking Status at Time of Delivery: England.

1. NHS Digital Indicator Supporting Documentation IAP00145 Maternal smoking at delivery - <https://www.nice.org.uk/standards-and-indicators/nlindicators/maternal-smoking-at-delivery> [↑](#footnote-ref-1)
2. <https://www.gov.uk/government/publications/towards-a-smoke-free-generation-tobacco-control-plan-for-england> [↑](#footnote-ref-2)