

# KNOWLEDGE OF DELIVERY WARNING SIGNS

Output indicator

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## Indicator Phrasing

**English:** % of [select: pregnant women / pregnant women's mothers / ...] who are able to state at least three warning signs during labour and delivery

**French:** % de [sélectionnez: femmes enceintes / mères de femmes enceintes / ...] qui sont capables de citer au moins trois signes d'alerte pendant le travail et l'accouchement

**Portuguese:** % de [selecione: mulheres grávidas / mães de mulheres grávidas /...] que podem dizer pelo menos três sinais de aviso durante o trabalho de parto e parto

**Czech:** % [určete: těhotných žen / matek těhotných žen / ...] schopných uvést alespoň tři rizikové příznaky v průběhu porodu

## What is its purpose?

The indicator assesses the proportion of the target population aware of at least three warning signs of complicated or dangerous delivery – a key pre-condition for seeking an appropriate and timely referral.

## How to Collect and Analyse the Required Data

**Collect the following data** by conducting individual interviews with a [representative sample](#) of your target population members:

### RECOMMENDED SURVEY QUESTIONS (Q) AND POSSIBLE ANSWERS (A)

**Q1:** *Do you know any warning signs showing that a woman's labour or delivery is not going well and the woman urgently needs professional health care?*

**A1:** yes / no

(ask the following question only if the previous answer is YES)

**Q2:** *What are all the most important warning signs you know?*

**A2:** (multiple answers possible; do not read the options)

- 1) vaginal bleeding during pregnancy
- 2) severe vaginal bleeding after delivery

- 3) obstructed labour taking longer than 12 hours
- 4) convulsions or fits
- 5) placenta is retained for more than 1 hour
- 6) swelling of face, fingers and feet (pre-eclampsia/ eclampsia)
- 7) baby's head is not down or not coming first
- 8) high fever
- 9) fast or difficult breathing
- 10) severe, persistent abdominal pain
- 11) problems urinating (i.e. painful urination, insufficient urination)

**Note:** If less than three signs are stated, keep probing: *“Are there any other warning signs you know?”*

To **calculate the indicator's value**, divide the respondents aware of at least three of the pre-defined warning signs by the total number of respondents. Multiply the result by 100 to convert it to a percentage.

## Disaggregate by

Consider [disaggregating](#) the data by location (rural/ urban), socio-economic characteristics (education level, [wealth](#) quintile) and the number of pregnancies (first pregnancy, second pregnancy, etc.).

## E-Questionnaire

- [XLS form for electronic data collection - indicator Knowledge of Delivery Warning Signs](#)