

Cesarean births

Data set

The origin of the data is from NZIP.

The data was completely anonymized.

Project goal

The project set itself the task of informing mothers about trends and circumstances concerning caesarean sections in the Czech Republic.

Which age group of mothers most often undergo caesarean section?

What is the trend in the development of caesarean sections during the monitored period?

Is the probability of termination of the current pregnancy caesarean section higher if the woman already had a caesarean section in the past did she have an incision?

Which type of anesthesia is the least applied?

Data transformation and aggregation

The data was summarized by different years and categories.

Periodicity

Annual

General logic

The data underwent a transformation process based on official documents from which the final conclusions were drawn.

Overview of resulting attributes

Anesthesia

- data type: string

Computer format

- data type: int

Values

- data type: int

Parity

- data type: string

Provider ss

- data type: string

Previous caesarean section

- data type: string

Year of birth

- data type: int

Termination by caesarean section

- data type: string

Mother's age

- data type: string

Answers to research questions

•Research question number 1

Age group **30 to 34** years are among those that most often they undergo cesarean delivery.

•Research question number 2

Despite a slight decline in recent years. There is a trend of births

cesarean section **progressive**.

- **Research question number 3**

Although it may seem that a previous cesarean section could affect the decision on cesarean section in the current pregnancy, **74%** mothers **had no previous cesarean section**.

- **Research question number 4**

The most common type of anesthesia is: **total**.

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