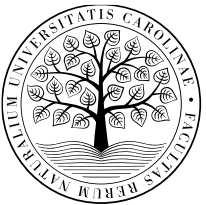




**The Effect of
Unemployment
Experience to the First
Birth Fertility, Czechia in
the 21st Century**



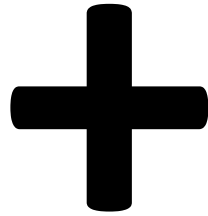
**FACULTY OF
SCIENCE**
Charles University

JITKA SLABÁ

10th conference of Young Demographers, Prague, February 8, 2019

THE RELATION OF UNEMPLOYMENT AND FERTILITY

THE RELATION OF UNEMPLOYMENT AND FERTILITY



low educated women
women older than 30

(Kreyenfeld, 2009; Fahlén and Oláh, 2018;
Schmitt, 2012; Inanc, 2015)



longterm unemployment
high educated women

(Adsera, 2005; Adsera, 2011; Kreyenfeld, 2009;
Andersen and Ozcan, 2013; Inanc, 2015)

THE CZECH FERTILITY POSTPONEMENT

Women 2016 survey

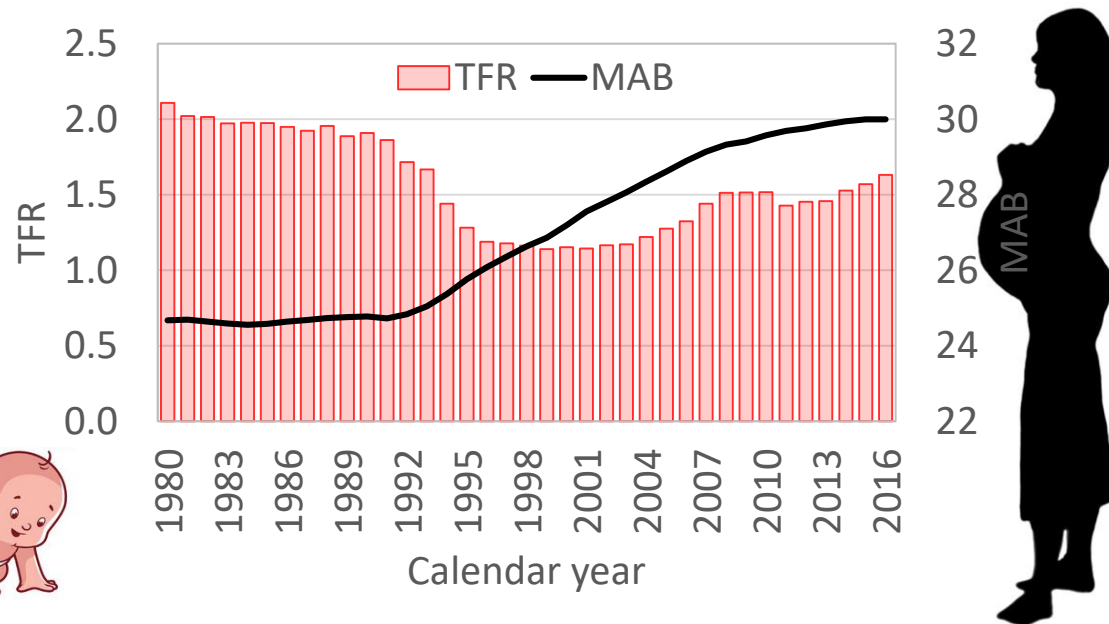
WOMEN 2016 SURVEY

- N=1257
- women born between 1966 and 1990
- weighted: representative for age, education and region

WHY THESE GENERATION?

FERTILITY POSTPONEMENT

Period development of TFR and MAB, Czechia, 1980–2016

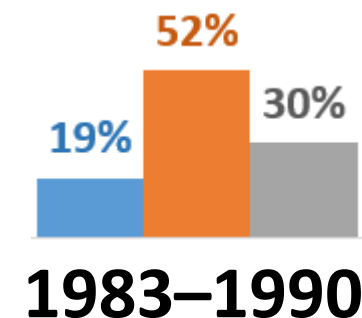
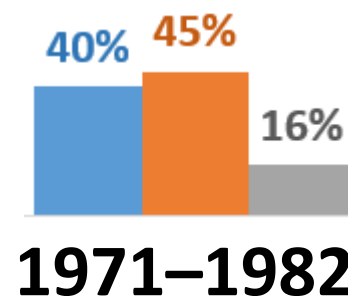
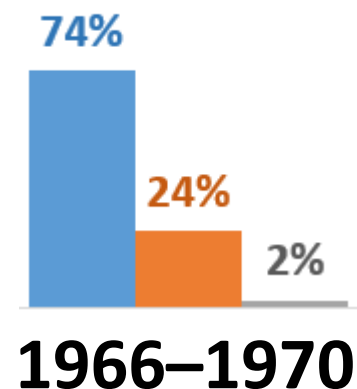


- **1966–1970 generations**
PRETRANSITIONAL PERIOD until 1994
MAB: 25/26 TFR: 2
- **1971–1982 generations**
TRANSITIONAL PERIOD 1995–2006
MAB: 26–29 TFR: below 1.5
- **1983–1990 generations**
POSTTRANSITIONAL 2007–now
MAB: 29/30 TFR: 1.5

Source: Human fertility database, Last data modification 13. 03. 2018

RESULTS OF PREVIOUS ANALYSIS (WOMEN 2016 SURVEY)

PLANNED AGE AT FIRST BIRTH (N=1222)



**PLANNED
POSTPONEMENT**

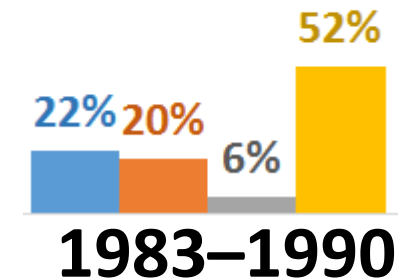
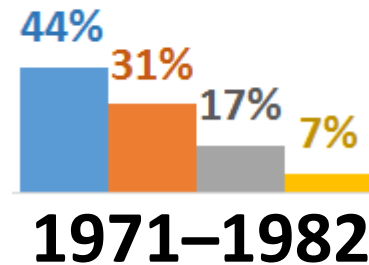
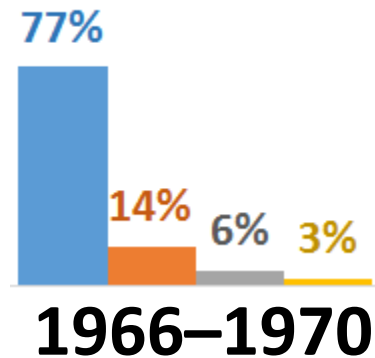
24 and under; 25–29 year; 30 and over; childless
(group of women by year of birth)

Women 2016 survey



RESULTS OF PREVIOUS ANALYSIS (WOMEN 2016 SURVEY)

REAL AGE AT FIRST BIRTH (N=1211)



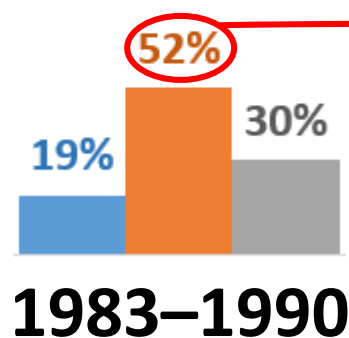
24 and under; 25–29 year; 30 and over; childless
(group of women by year of birth)

Women 2016 survey

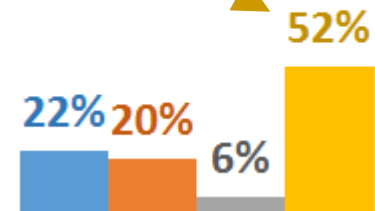


RESULTS OF PREVIOUS ANALYSIS (WOMEN 2016 SURVEY)

PLANNED AGE AT FIRST BIRTH



2016 – 1983 = 33
2016 – 1990 = 26

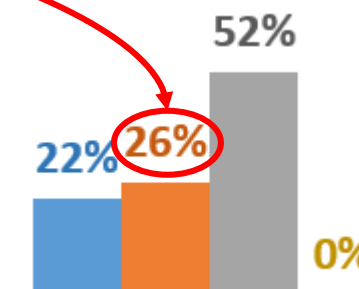


REAL AGE AT FIRST BIRTH

24 and under; 25–29 year; 30 and over; childless
(group of women by year of birth)

UNPLANNED
POSTPONEMENT

estimate
(the earliest possible plan)



underestimated

Women 2016 survey



FACULTY OF
SCIENCE
Charles University

“The Effect of Unemployment Experience to the First Birth Fertility, Czechia in the 21st Century”
10th conference of Young Demographers, February 8, 2019

THE UNPLANNED POSTPONEMENT: WHO?

- Women 2016 survey, N=1222
- **32 %** of women unplannedly postpone a first child (declared)
 - More often women:

1983–1990 (46%)

Tertiary educated (44%)

Secondary educated (36%)

(Šťastná et al., 2017)



THE UNPLANNED POSTPONEMENT: WHY?

Factors:

Relevant examples of specific reasons:

**Material
conditions**



Work and study



Lack of money

**Concerns about unemployment
/ loss of job / deterioration of
the job position**

**These reasons are more often declared by women from the youngest
group of generation (1983–1990)**

Women 2016 survey

UNEMPLOYMENT AND FERTILITY

Women 2016 survey

DATA: WOMEN 2016

- **Selection:**
 - Only women who had the first or the second child between years 2004 and 2016, or women who planned child in 2004 or later (N=976)
- **Unweighted data used**
- Used variable: Socio-economic status history from 2002 to 2016 (uncompleted)

WOMEN 2016: SOCIO-ECONOMIC STATUS HISTORY



1) Student



2) Employed



3) Self-employed



4) Unemployed



5) Housewife



6) On maternity/parental leave



7) In disability pensions

8) Other

+ I know:

- i) the date of first/second/third child birth
- ii) the date when the highest completed education is reached

**What was your S-E status in 2005/2008?
When had it started? (Month; Year)**

Person A

| status | | start |
|--------|--|-----------|
| 6 | | ?? - ???? |
| 4 | | ?? – 2007 |
| 2 | | 04 - 2007 |

Person B

| status | | Start |
|--------|--|-----------|
| 1 | | ?? - ???? |
| 4 | | 09 – 2010 |
| 6 | | ?? – 2013 |

**I do not know exact dates,
but I know the order.**















TRANSITION PATTERN

The socio-economic status histo



- 1) Student
- 2) Employed
- 3) Self-employed
- 4) Unemployed
- 5) Housewife
- 6) On maternity/parental leave
- 7) In disability pensions
- 8) Other



| ALL | | | S1: (N=1753, 854 women) | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|------|
| | | | 591 | 470 | 55 | 194 | 42 | 318 | 4 | 79 |
| | | | 0,34 | 0,27 | 0,03 | 0,11 | 0,02 | 0,18 | 0,00 | 0,05 |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | |  |  |  |  |  |  |  | |
| S2 | 1 |  | 0,00 | 0,01 | 0,00 | 0,01 | 0,00 | 0,00 | 0,00 | 0,05 |
| | 2 |  | 0,70 | 0,00 | 0,51 | 0,73 | 0,50 | 0,62 | 0,75 | 0,61 |
| | 3 |  | 0,45 | 0,07 | 0,00 | 0,08 | 0,10 | 0,08 | 0,00 | 0,05 |
| | 4 |  | 0,06 | 0,23 | 0,09 | 0,00 | 0,10 | 0,18 | 0,00 | 0,06 |
| | 5 |  | 0,01 | 0,04 | 0,07 | 0,03 | 0,00 | 0,05 | 0,00 | 0,08 |
| | 6 |  | 0,15 | 0,52 | 0,20 | 0,11 | 0,21 | 0,00 | 0,00 | 0,15 |
| | 7 |  | 0,00 | 0,02 | 0,02 | 0,01 | 0,02 | 0,01 | 0,00 | 0,00 |
| | 8 | | 0,02 | 0,10 | 0,11 | 0,03 | 0,07 | 0,07 | 0,25 | 0,00 |

THE EFFECT OF UNEMPLOYMENT EXPERIENCE TO THE UNPLANNED POSTPONEMENT OF A FIRST BIRTH

Women, who experienced unemployment before first birth, postpone unplannedly more often.

| (N=976; unweighted) | | Unplanned postponement of the first birth | | | |
|--|-----|---|-----|-------|-----|
| | | No | | Yes | |
| Total | | 57,1% | | 42,9% | |
| Unemployment experience before first birth | No | 58,7% | +++ | 41,3% | --- |
| | Yes | 36,6% | --- | 63,4% | +++ |

THE EFFECT OF UNEMPLOYMENT EXPERIENCE

TO THE REASONING OF THE UNPLANNED POSTPONEMENT



Work and study

Absence of
a suitable partner



Health problems

without the
significant effect

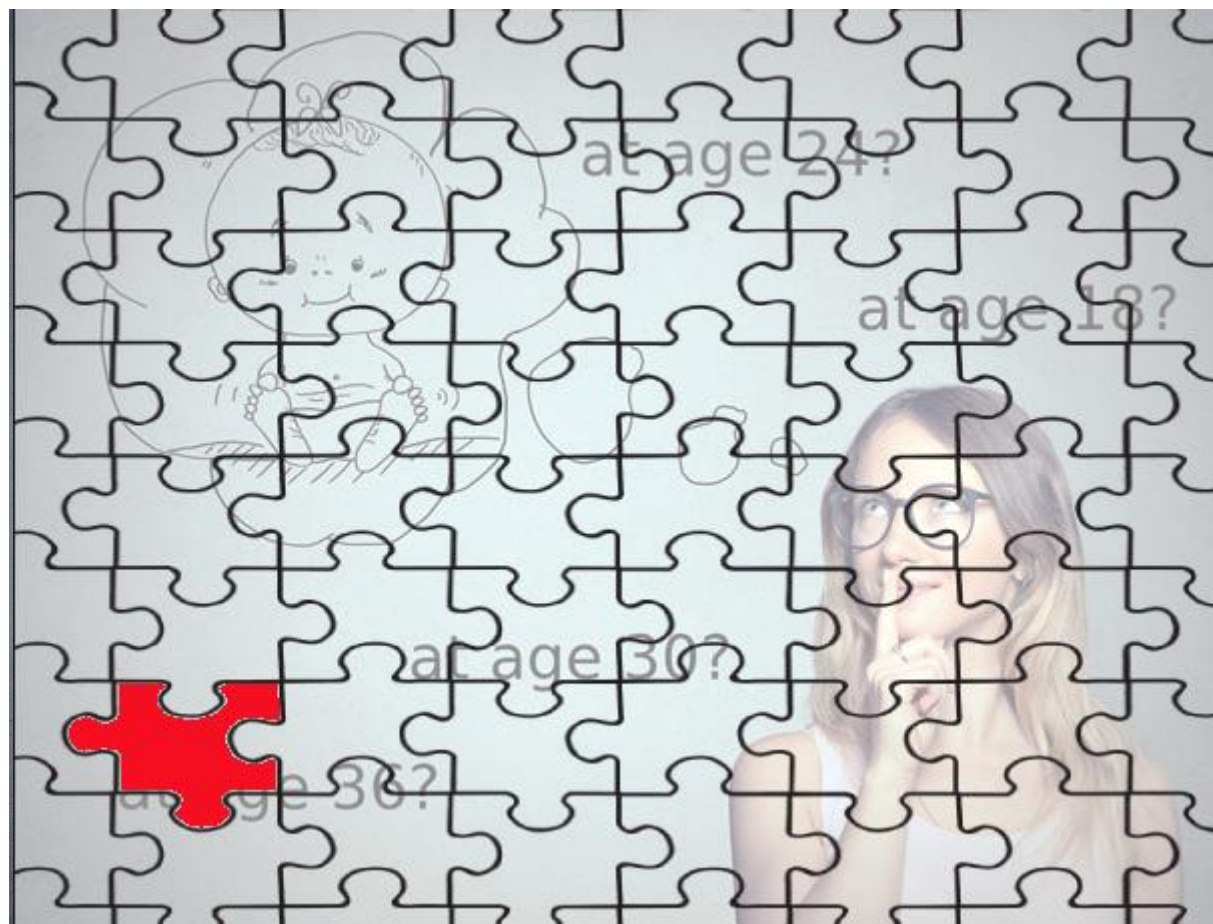


Material conditions

| (N=419) | | Unplanned postponement of the first birth | | | |
|--|-----|---|----|--------------|----|
| | | Material conditions | | other factor | |
| Total | | 25.5% | | 74.5% | |
| Unemployment experience before first birth | No | 23.5% | -- | 76.5% | ++ |
| | Yes | 42.2% | ++ | 57.8% | -- |

Women, who experienced unemployment, postpone first child due to material condition more often.

THE PERSONAL UNEMPLOYMENT EXPERIENCE DELAYS A FIRST BIRTH



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