

### Czech Pension System

Project VS/2018/0380

Development of microsimulation tools for social insurance projection (DEMTOP) and this seminar has received financial support from the European Union Programme for Employment and Social Innovation "EaSI" (2014-2020). For further information please consult:

http://ec.europa.eu/social/easi.

The information contained in the materials for this seminar does not necessarily reflect the official position of the European Commission.





#### Pension Insurance

#### FIRST PILLAR

- Universal system,
- The mandatory basic pension insurance,
- Defined by benefits (DB),
- Pay-as-you-go,
- For all economically active individuals.

#### THIRD PILLAR

- Complementary system,
- Voluntary,
- Defined by contributions (DC),
- With state contributions,
- Capital funded.



# Types of benefits

- The following pensions are provided from the basic pension insurance:
  - old-age,
  - disability,
  - widow and widower,
  - orphan.
- Each pension consists of the following components:
  - 1. Basic amount,
  - 2. Percentage amount.

New pension = BA + PA

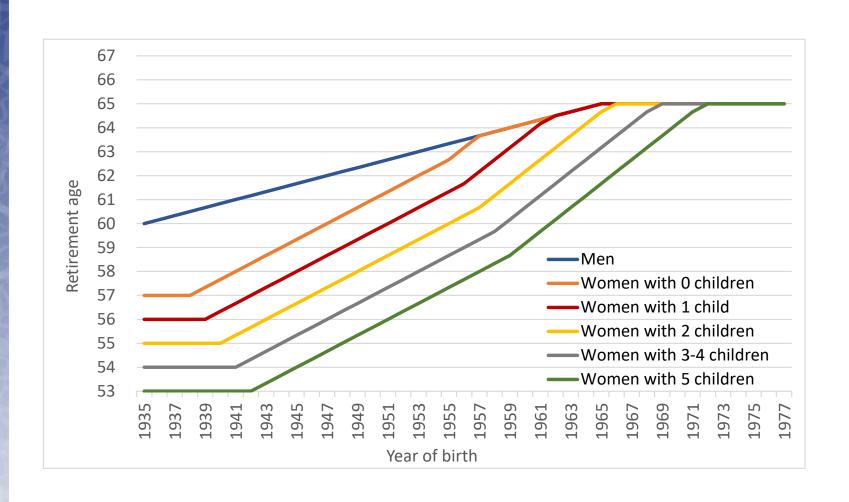


## **Old-age Pension**

- A condition for entitlement to old-age pension is accumulation of the required period of insurance and attainment of the stipulated age.
- Minimum required period of insurance
  - 35 years;



## Retirement age





# Amount of old-age pension

- The basic amount
  - 10% of the general assessment base
  - 2021: 3 550 CZK.
- The amount of the percentage amount
  - Calculation base
  - 1.5% of the calculation base for each year of insurance.

PA = CB · BPCB

PA – Percentage amount

CB - Calculation base

BPCB – Basic percentage of the calculation

base



#### Calculation base

- The earnings-related part.
- The target period => the whole career for the reference wage.
- Non-validated periods are included in the reference wage as zeros.

% of the average wage	Progressive formula	
0 - 44	Wage is fully taken into account.	
44 - earnings cap	26% of the wage is taken into account.	
Over the earnings cap	Not taken into account.	



#### Basic percentage of the calculation base

	Working periods	Validated periods	Non-validated periods
Included in the: years of insurance	Yes	Yes (Full or partial)	No
Included in the: Calculation base	Yes (earnings)	No	Yes (0 included)

BPCB=int((1 · IP1 + 0,8 · IP2)/365)·PR

IP1 – 100% covered insurance period

IP2 – 80% covered insurance period

PR – percentage rate per year of insurance –

1,5%



### Validated periods

- Periods of childcare for children up to four years of age,
- Periods of care for a dependent person in their household,
- 3. Compulsory military service,
- Spells of unemployment with unemployment benefit,
- 5. Up to three years of unemployment without unemployment benefit,
- 6. Period of disability of the 3<sup>rd</sup> degree.

- 1. Fully taken into account:
  - Spells related to care and military service (1-3).
- 2. Count only for 80%:
  - All other spells (4-6).



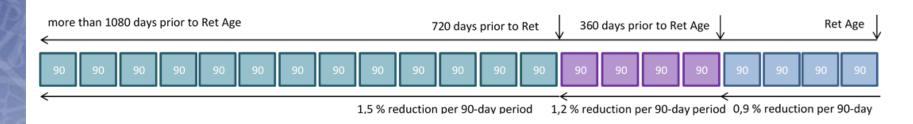
#### Periods in education

- Periods in education are excluded from benefit calculations, including in the computation of the reference wage.
- Prior to 1996, secondary education and tertiary education were considered validated periods, and prior to 2010 tertiary education only was considered a validated period.



# Early and deferred pension

1. Retirement before the reaching retirement age => the pensioner is penalized.



2. Retirement after the reaching retirement age => the pensioner receives a bonus.

```
BO=max(0;int((AA-RA)/90))·1.5 %
BO – bonus
RA – retirement age
AA – actual retirement age
```