

# Research & Development Data for the Pilsen Region

## BASIC INFO ABOUT THE REGION:

578 707

population as of 01/01/2022

30%

of the region's population live in Pilsen

43,1

average age

15,4%

residents with university education

10,1%

college students in the region who are from abroad

## FUNDS ALLOCATED FOR RESEARCH AND DEVELOPMENT

In 2020, funds allocated for R&D amounted to **CZK 4.9 billion** (compared to 5.1 billion in 2019). Compared to the previous year, the amount of funds allocated for R&D has dropped slightly (especially in the business sector).

### R&D EXPENDITURES BASED DIVIDED BY SECTOR IN THE PILSEN REGION IN 2020:

76% BUSINESS SECTOR  
23% UNIVERSITY SECTOR  
1% GOVERNMENT / PRIVATE / NON-PROFIT SECTOR



In 2020, the business sector's R&D expenditures amounted to 1.2% of the GDP (5th highest share among Czechia's regions).

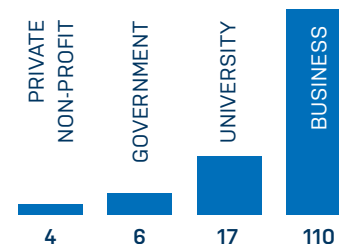
## R&D CENTERS

107 CENTERS  
137 CENTERS

2013  
2020

### R&D CENTERS DIVIDED BY SECTOR

The number of centers with research as their primary economic activity has increased slightly in the past few years, coming up to 10 in 2020.



## PEOPLE EMPLOYED IN R&D

3,600\*\*

6,1\*

Between 2019 and 2020, the number of people employed in R&D has dropped slightly (by some 100 persons).

The region has the 3rd largest share of people employed in R&D per 1,000 residents among all Czech regions.

National average	7,6*
Prague	21,9*
South Moravian Region	13,5*

\* people employed in R&D per 1,000 residents

\*\* persons focusing on R&D activities full-time



## COLLEGE STUDENTS

Between 2018 and 2021, the number of students at the University of West Bohemia increased by:

Number of students at the University of West Bohemia and the Faculty of Medicine of Charles University in Pilsen:



### Students in STEM fields



University students in STEM fields who are residents of the Pilsen Region

Zlín Region	18%
South Moravian Region	16%
Prague	10%

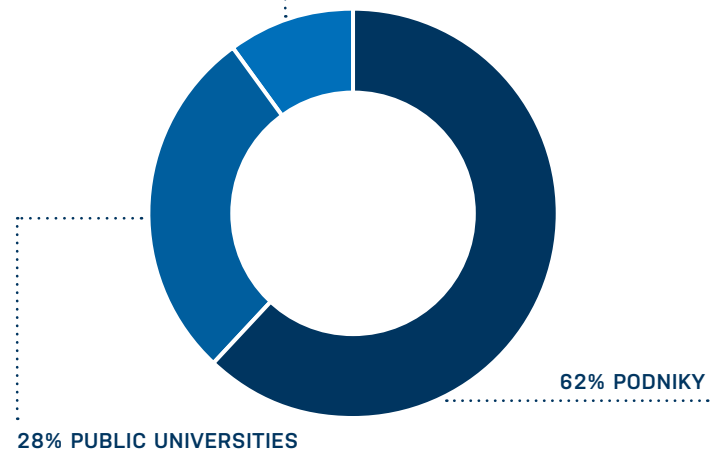
## R&D RESULTS

Applicants from the Pilsen Region were granted **27 patents** in **2020**, which is the highest number over the monitored period (2010—2020).

In **2020**, **157 valid patents were registered** for Czech applicants in the Pilsen Region.

Most of the applicants came from the corporate sector (62%); 28% were from public universities, and 9% were private individuals.

### 9% PRIVATE INDIVIDUALS



## WOMEN IN R&D

The number of female researchers in the region has increased significantly.

Female researchers:



Share of female researchers from the total number of research & development specialists in the region: 15%  
3<sup>rd</sup> lowest share of female researchers among all Czech regions  
National average: 23%

## Research in cutting-edge technologies:

The prominent field of Research & Development in the Pilsen Region is the field of information and communication technologies (ICT).



In total, **CZK 1.3 billion** were allocated for this field in 2020, representing **6%** of the total **23 billion** allocated for R&D in ICT fields in the Czech Republic.

The Pilsen Region has the 3<sup>rd</sup> highest share, after Prague (57%) and the South Moravian Region (23%).