

Domain: Research & Development, Innovation

## INNOVATION IN BUSINESS ENTERPRISES IN THE PERIOD 2016-2018 (provisional data)

- The weight of innovative enterprises increased by 4.4 percentage points in the period 2016-2018 compared to the period 2014-2016;
- More innovation both in the industry sector and in the service sector;
- Large enterprises two times more innovative than small and medium-sized enterprises;
- The weight of product innovative enterprises higher by approximately 2.0 percentage points than the weight of business process innovative enterprises;
- The weight of the enterprises that introduced "new to market products" in the period 2016-2018 doubled compared to the period 2014-2016;
- The weight of the enterprises that introduced "new to enterprise products" higher by 6.5 percentage points in the period analysed than in the previous period.

The provisional results of the statistical survey on innovation in business enterprises show that, in the period 2016-2018, the weight of the enterprises that introduced new or significantly improved products or business processes on the market was 14.6%, 4.4 pp more compared to the period 2014-2016.

	The weight in the total number of enterprises (%)	
	2014-2016	2016-2018
Total enterprises	100.0	100.0
Innovative enterprises, of which:	10.2	14.6
- industry	5.2	8.0
- services	5.0	6.6
Non-innovative enterprises	89.8	85.4

[The data of the table \(xls\) can be accessed through the .rar file attached to the press release on the homepage.](#)

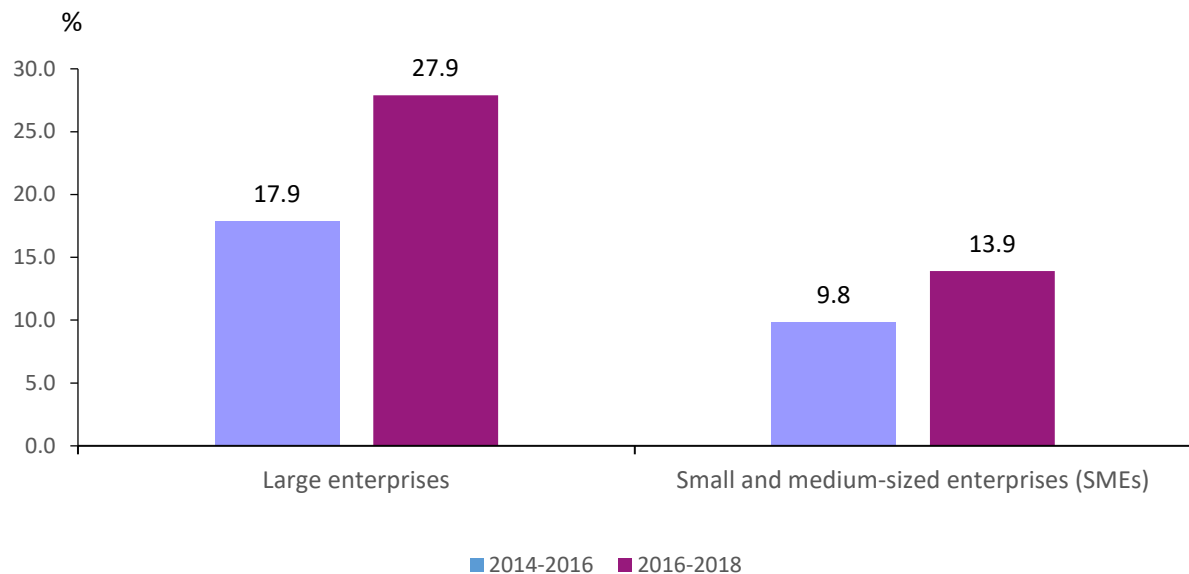
In the period analysed, the weight of innovative enterprises increased compared to the period 2014-2016, both in the industry sector and in the service sector. In the industry sector the increase amounted to 2.8 percentage points, and in the service sector it amounted to 1.6 percentage points.

## LARGE ENTERPRISES MORE INNOVATIVE THAN SMALL AND MEDIUM-SIZED ENTERPRISES

In the period 2016-2018, the large enterprises, with at least 250 employees, were two times more innovative than the small and medium-sized enterprises (SMEs). 27.9% of the total number of large enterprises were innovative, and 13.9% of SMEs were innovative.

The increase in the weight of large innovative enterprises compared to the period 2014-2016 amounted to 10.0 percentage points, from 17.9% to 27.9%, and innovative SMEs increased by 4.1 percentage points, from 9.8% to 13.9%.

THE WEIGHT OF INNOVATIVE ENTERPRISES, BY EMPLOYEE SIZE CLASS



The data of the graph (xls) can be accessed through the .rar file attached to the press release on the homepage.

## MORE PRODUCT INNOVATIVE ENTERPRISES

6.4% of total enterprises were innovative only in terms of new or significantly improved products, 4.5% only applied business process innovation, and 3.5% implemented both product and business process innovation.

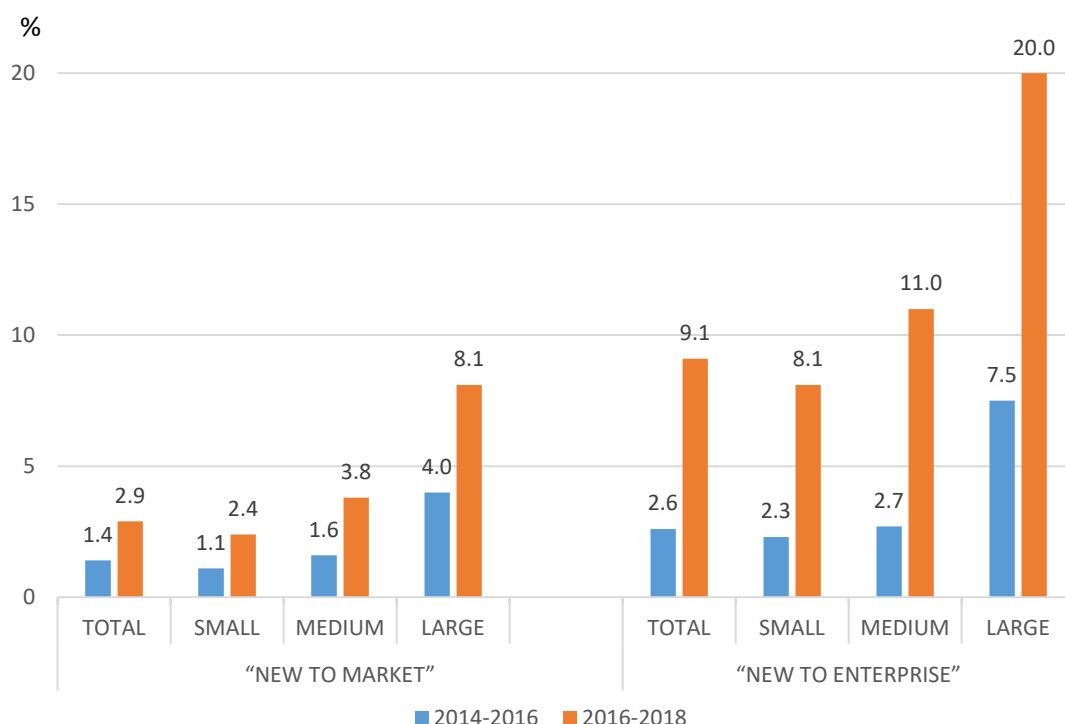
The increase in the weight of product innovative enterprises is due to the increase in the weight of both the enterprises with goods innovations and the enterprises with service innovations. In the period 2016-2018, the weight of the enterprises with goods innovations was higher by 5.4 percentage points than in the period 2014-2016 (8.0% compared to 2.6%). Service innovative enterprises also increased, by 4.9 percentage points (6.3% compared to 1.4%).

## MORE "NEW TO MARKET" AND "NEW TO ENTERPRISE" PRODUCTS

The weight of the innovative enterprises that introduced "new to market products", in the total number of enterprises, doubled in the period 2016-2018 compared to the period 2014-2016 (2.9% compared to 1.4%).

The weight of the enterprises that introduced "new to enterprise products" is approximately 3.5 times higher than in the period 2014-2016, namely it increased from 2.6% to 9.1%. The highest increase, from 7.5% to 20.0%, was reported for the large enterprises, with at least 250 employees.

### THE WEIGHT OF "NEW TO MARKET" AND "NEW TO ENTERPRISE" PRODUCTS IN TOTAL ENTERPRISES



The data of the graph (xls) can be accessed through the .rar file attached to the press release on the homepage.

#### Additional information:

- ✓ **Innovation** is a new or significantly improved product or process that is significantly different from the previous products or processes of the enterprise and which has been made available to potential users in the form of a product or has been used by the unit in the form of a process.
- ✓ The **innovative enterprises** are the enterprises that launched new or significantly improved products and/or business processes, the enterprises with on-going or abandoned innovations and the enterprises with internal or external research activities.
- ✓ The **non-innovative enterprises** are the enterprises that had no innovative activities in the period analysed.
- ✓ Considering the need to comply with the requirements of the new Oslo Manual and the methodological changes in the calculation of the indicators on innovation, comparisons with the previous "waves" of the survey are no longer possible for some indicators, which will lead to a break in the data series.

For an accurate interpretation of the indicators, please see the [Methodological explanations attached to the press release on the homepage](#).

For more information, see the publication "Innovation in Business Enterprises" for the period 2016-2018, date of issue 11.08.2020.

The next press release on innovation, containing final data, will be issued on 28.07.2020.

Press release archive: <http://www.insse.ro/cms/en/comunicate-de-presa-view>

#### Communication Directorate

E-mail: [biroupresa@insse.ro](mailto:biroupresa@insse.ro)

Tel: +4021 3181869