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Preliminary data

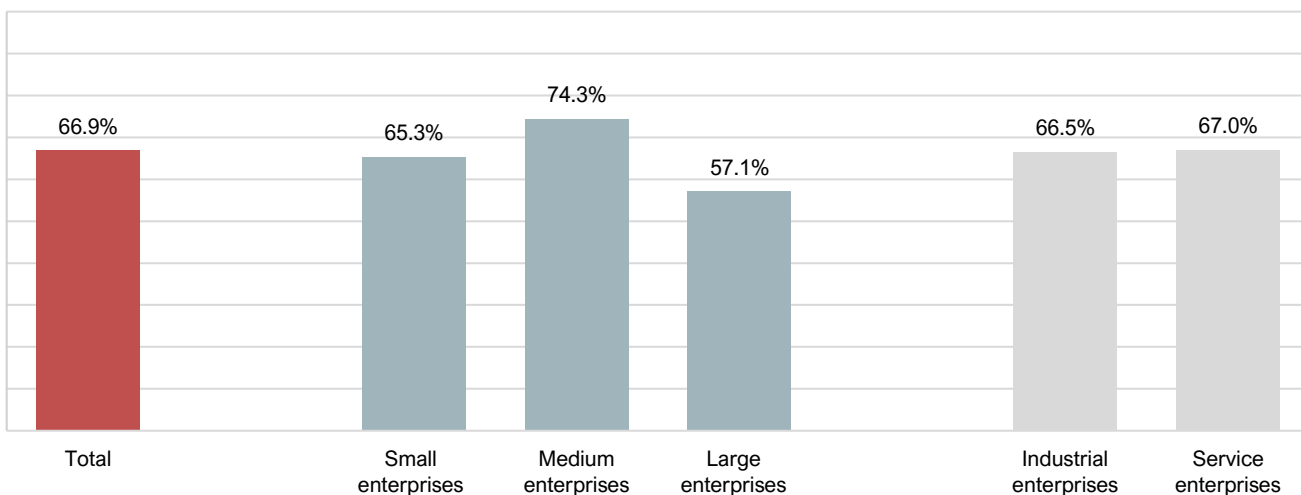
24 June 2024

Innovation activities of enterprises

2020 - 2022

The presented data is the result of survey on innovation activities of enterprises in the period from 2020 to 2022, which include product innovations (goods or services), business process innovations, as well as ongoing, abandoned and completed innovative activities. In the period from 2020 to 2022, 66.9% of enterprises introduced at least one of the mentioned innovative activities, while 33.1% of enterprises stated that they had no innovative activities.

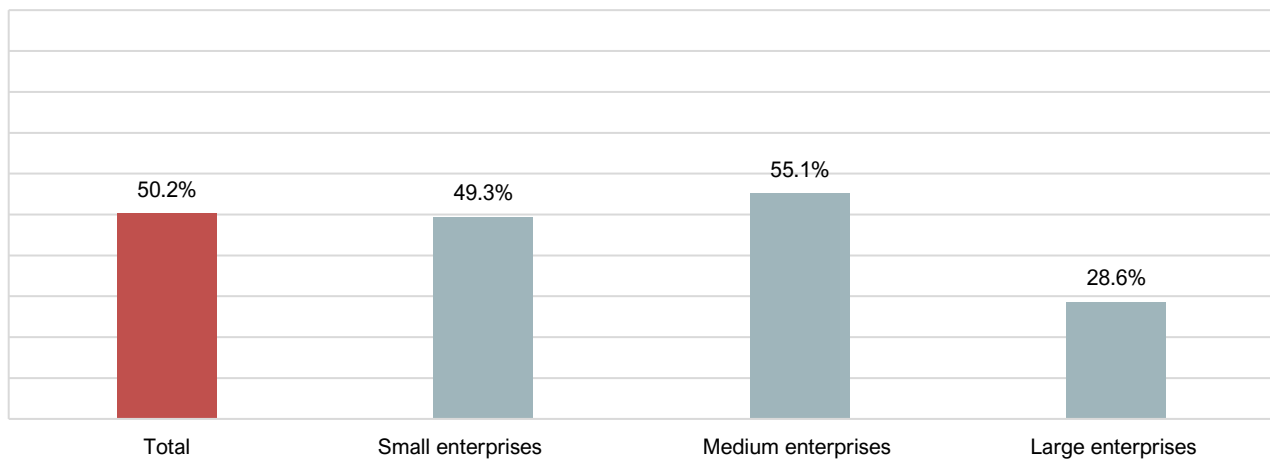
Graph 1. Enterprises by innovations, size classes and activities, 2020 – 2022



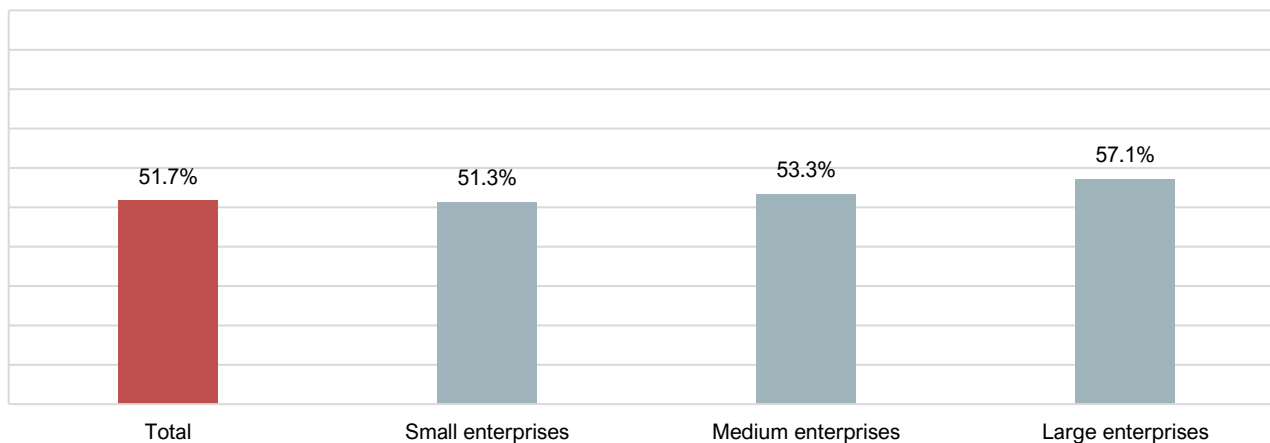
The share of enterprises with innovation activities, observed by enterprises size classes, was 65.3% in small enterprises, 74.3% in medium-sized and 57.1% in large enterprises. The share of enterprises that had innovation activities in the category of industrial enterprises¹ was 66.5%, while the share of service enterprises² was 67.0%.

¹ They include section B, C, D, E and F of the Classification of activities NACE Rev.2

² They include section H, J, K and division G46 and M71, 72 and 73 (main service activities) Classification of activities NACE Rev.2

Graph 2. Product innovations (goods or services), 2020 - 2022

From the total number of enterprises surveyed, 50.2% had a product innovations (goods or services). Observed according to enterprises size, product innovation was recorded in 49.3% of small enterprises from the total number of small enterprises, 55.1% of medium-sized enterprises from the total number of medium-sized enterprises and 28.6% of large enterprises from the total number of large enterprises.

Graph 3. Business process innovations, 2020 - 2022

From the total number of enterprises surveyed, 51.7% of enterprises had innovations in the business process. Observed according to enterprises size, innovations in the business process were recorded in 51.3% of small enterprises out of the total number of small enterprises, 53.3% of medium-sized enterprises from the total number of medium-sized enterprises and 57.1% of large enterprises from the total number of large enterprises.

METHODOLOGICAL NOTES

Innovations are new or improved products (goods or services) or processes that meet three requirements:

1. Differs significantly from products previously offered on the market or processes used within the enterprise.
2. Implemented: on the market or in use by the enterprise.
3. At a minimum it is new to the enterprise. An innovation does not have to be “new to the market” nor “new to the world”.

Innovation activities include all developmental, financial and commercial activities, undertaken by a business, that are intended to or result in an innovation for the business.

A **product innovation** is a new or improved good or service that differs significantly from the enterprises previous goods or services and that has been introduced on the market.

A **business process innovation** is a new or improved business process for one or more business functions (production process, distribution method, product support activity, etc.) that differs significantly from the enterprises previous business processes and that has been brought into use in the enterprise. Innovation should have a visible impact on the level of productivity, product/service quality, production/distribution cost. Introduced procedures that enabled the introduction of product innovations are also counted as process innovations.

Statistical Business Register is used as the frame for the coverage for the purposes of this survey. Reporting units for survey on innovation activities of enterprises (for the period 2020 - 2022) are enterprises with 10 or more employees classified in section B to M73 of the Classification of activities NACE Rev.2, with the situation at the end of 2022.

Enterprises are classified according to size classes, according to activities and territorial representation:

Small enterprises: 10 - 49 employees

Medium enterprises: 50 - 249 employees

Large enterprises: 250 and more employees

The reference period of the survey is the period 2020 - 2022 i.e. the three-year period from January 1st 2020 to December 31st 2022.

When using the data, state:

"Data source: Statistical Office - MONSTAT"

More data, as well as detailed methodological notes can be found in the section: [Innovation activities of enterprises](#)