

Statistics for the SDGs - indicators for national priorities



Name of the indicator	2.1.b Expenditure on R&D in agriculture in relation to GDP
Sustainable Development Goal	Goal 2. Zero hunger
Priority	Support for structural transformation ensuring increase in agriculture competitiveness including increase in competitiveness of agricultural holdings and agri-food producers
Definition	Ratio of intramural expenditures on R&D in the field of agricultural and veterinary sciences to GDP.
Unit	percent [%]
Available dimensions	total
Methodological explanations	<p>Research and experimental development (R&D) comprises creative work undertaken on a systematic basis in order to increase the stock of knowledge (e.g. about man, culture and society) and the use of this stock of knowledge to devise new applications. R&D includes: scientific research (basic, applied, industrial) and experimental development.</p> <p>Intramural expenditures on R&D are expenditures incurred in a reporting year on R&D in the reported entity, irrespective of origin of such funds, i.e. including funds obtained from abroad (exports of R&D). They cover both current expenditures and investment outlays on fixed assets related to R&D, but do not cover depreciation of these assets.</p> <p>Intramural expenditures on R&D are examined according to the fields of science divided into: natural, engineering and technology, medical and health, agricultural, social as well as humanities sciences. Expenditures on R&D by fields of science are converted according to the percentage share of total expenditures.</p> <p>According to Frascati Manual, agricultural science is a field of science that covers the following fields: agriculture, forestry, and fisheries, animal and dairy science, veterinary science, agricultural biotechnology as well as other agricultural sciences.</p> <p>Gross domestic product (GDP) presents the final result of the activity of all entities of the national economy in a given year. GDP value can be calculated in three ways:</p> <p>employees, taxes less subsidies on production and imports, gross operating surplus and mixed income of the total economy).</p> <p>Gross domestic product is calculated according to the principles of the European System of National and Regional Accounts (ESA 2010), which are obligatory in the European Union countries, and recommendations of the Eurostat.</p>
Data source	Statistics Poland
Data availability	Annual data; since 2010
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