Statistical activity code: 21701

#### Questionnaire manual: Research and development (R&D)

Questionnaire code: 11332022 Submitted in: 1.03.2022, data about 2021

Periodicity: Annual

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#### DATA COLLECTED WITH THE QUESTIONNAIRE

#### Table 1. NUMBER OF PERSONS EMPLOYED AT THE END OF THE REFERENCE YEAR

At the end of the reference year does not necessarily mean as at the last working day of the year, but a day in the second half of December, when the necessary data is available.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	Number of persons employed at the end of the reference period – men	RD_EMP L_M	Number of men employed at the end of the reference year.	Positive integer	
01/2	Number of employees at the end of the period: engaged in R&D – men	RD_PER _M	Number of male employees engaged in R&D at the end of the reference year.	Positive integer	
02 / 1	Number of persons employed at the end of the reference period – women	RD_EMP L_F	Number of women employed at the end of the reference year.	Positive integer	
02/2	Number of employees at the end of the period: engaged in R&D – women	RD_PER _F	Number of female employees engaged in R&D at the end of the reference year at the end of the reference year.	Positive integer	

# Table 1.1. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT BY SCIENTIFIC AREAS AT THE END OF THE REFERENCE YEAR

List all persons who worked for the organisation at the end of the reference year and were engaged in R&D in the extent of at least 10% of their working time. Only indicate data about those people in the table, who were indicated in column 2 of Table 1. Doctoral and master's students are reflected in the report together with scientists and engineers, provided that they get remuneration for R&D.

Number of people engaged in R&D at the end of the reference year, regardless of whether they spend 100% of their working time on R&D or only some, provided that the amount of working time spent on R&D is at least 10%. An employee is reflected under the scientific area which best corresponds to the essence of their main activities. Not in any case is the scientific area determined by the area of

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specialisation the employee obtained at the institution of higher education or when defending the degree.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in natural sciences – men	RD_RES M_NAT	Number of male scientists and engineers in the area of natural sciences at the end of the reference year.	Positive integer	
01/2	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in engineering sciences – men	RD_RES M_ENG	Number of male scientists and engineers in the area of engineering sciences at the end of the reference year.	Positive integer	
01/3	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in medical science – men	RD_RES M_MED	Number of male scientists and engineers in the area of medical science at the end of the reference year.	Positive integer	
01 / 4	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in agricultural sciences – men	RD_RES M_AGR	Number of male scientists and engineers in the area of agricultural sciences at the end of the reference year.	Positive integer	
01/5	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in social sciences – men	RD_RES M_SOC	Number of male scientists and engineers in the area of social sciences at the end of the reference year.	Positive integer	
01/6	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in humanities – men	RD_RES M_HUM	Number of male scientists and engineers in the area of humanities at the end of the reference year.	Positive integer	
02 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in natural sciences – women	RD_RES F_NAT	Number of female scientists and engineers in the area of natural sciences at the end of the reference year.	Positive integer	
02/2	Number of employees engaged in R&D at the end of the reference period: scientists and	RD_RES F_ENG	Number of female scientists and engineers in the area of engineering sciences at the end of the reference year.	Positive integer	

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	scientists and engineers in engineering sciences – women				
02/3	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in medical science – women	RD_RES F_MED	Number of female scientists and engineers in the area of medical science at the end of the reference year.	Positive integer	
02 / 4	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in agricultural sciences – women	RD_RES F_AGR	Number of female scientists and engineers in the area of agricultural sciences at the end of the reference year.	Positive integer	
02/5	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in social sciences – women	RD_RES F_SOC	Number of female scientists and engineers in the area of social sciences at the end of the reference year.	Positive integer	
02/6	Number of employees engaged in R&D at the end of the reference period: scientists and engineers in humanities – women	RD_RES F_HUM	Number of female scientists and engineers in the area of humanities at the end of the reference year.	Positive integer	
03 / 1	Number of employees engaged in R&D at the end of the reference period: technicians in natural sciences – men	RD_TEC M_NAT	Number of male technicians in the area of natural sciences at the end of the reference year.	Positive integer	
03/2	Number of employees engaged in R&D at the end of the reference period: technicians in engineering sciences – men	RD_TEC M_ENG	Number of male technicians in the area of engineering sciences at the end of the reference year.	Positive integer	
03/3	Number of employees engaged in R&D at the end of the reference period: technicians in medical science – men	RD_TEC M_MED	Number of male technicians in the area of medical science at the end of the reference year.	Positive integer	
03 / 4	Number of employees engaged in R&D at the end of the reference period: technicians in agricultural sciences – men	RD_TEC M_AGR	Number of male technicians in the area of agricultural sciences at the end of the reference year.	Positive integer	
03/5	Number of employees engaged in R&D at the end of the reference period:	RD_TEC M_SOC	Number of male technicians in the area of social sciences at the end of the reference year.	Positive integer	

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	technicians in social sciences – men			
03/6	Number of employees engaged in R&D at the end of the reference period: technicians in humanities – men	RD_TEC M_HUM	Number of male technicians in the area of humanities at the end of the reference year.	Positive integer
04 / 1	Number of employees engaged in R&D at the end of the reference period: technicians in natural sciences – women	RD_TEC F_NAT	Number of female technicians in the area of natural sciences at the end of the reference year.	Positive integer
04/2	Number of employees engaged in R&D at the end of the reference period: technicians in engineering sciences – women	RD_TEC F_ENG	Number of female technicians in the area of engineering sciences at the end of the reference year.	Positive integer
04/3	Number of employees engaged in R&D at the end of the reference period: technicians in medical science – women	RD_TEC F_MED	Number of female technicians in the area of medical science at the end of the reference year.	Positive integer
04 / 4	Number of employees engaged in R&D at the end of the reference period: technicians in agricultural sciences – women	RD_TEC F_AGR	Number of female technicians in the area of agricultural sciences at the end of the reference year.	Positive integer
04/5	Number of employees engaged in R&D at the end of the reference period: technicians in social sciences – women	RD_TEC F_SOC	Number of female technicians in the area of social sciences at the end of the reference year.	Positive integer
04/6	Number of employees engaged in R&D at the end of the reference period: technicians in humanities – women	RD_TEC F_HUM	Number of female technicians in the area of humanities at the end of the reference year.	Positive integer
05 / 7	Number of employees engaged in R&D at the end of the reference period: total with assistant personnel – men	RD_SUP M_SCF	Total number of male assistant personnel in scientific areas at the end of the reference year.	Positive integer
06 / 7	Number of employees engaged in R&D at the end of the reference period: total with assistant personnel – women	RD_SUP F_SCF	Total number of female assistant personnel in scientific areas at the end of the reference year.	Positive integer

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#### **EQUIVALETNS**

Unlike in Table 1.1, Table 1.2 also lists the working time spent on R&D by those employees who do not work any more at the end of the year or for whom the share of R&D in their work was below 10%. In other words – indicate all working time spent on R&D in the reference year. Working time spent on R&D by one employee can be divided by areas for Table 1.2. The data about the employee may be estimated.

Working time spent on R&D in the reference year in full-time years. If an employee is not 100% engaged in R&D, assess the share of R&D in their working time (or in the working time of a group of employees). See examples from guide "Calculation of working time spent on R&D". The paid working time spent on R&D by doctoral and master's students engaged in R&D is indicated in the report together with the working time of scientists and engineers. Summary data is indicated about the working time of the assistant personnel without dividing them by scientific areas and sex. The working time of technicians by scientific areas is not divided by sex.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	Working time spent on R&D in full-time years in the reference period: scientists and engineers in natural sciences – men	RD_RES M_FTE_ NAT	Working time of male scientists and engineers spent on R&D in the area of natural sciences in the reference year.	Positive real number (0,2)	
01/2	Working time spent on R&D in full-time years in the reference period: scientists and engineers in engineering sciences – men	RD_RES M_FTE_ ENG	Working time of male scientists and engineers spent on R&D in the area of engineering sciences in the reference year.	Positive real number (0,2)	
01/3	Working time spent on R&D in full-time years in the reference period: scientists and engineers in medical science – men	RD_RES M_FTE_ MED	Working time of male scientists and engineers spent on R&D in the area of medical science in the reference year.	Positive real number (0,2)	
01 / 4	Working time spent on R&D in full-time years in the reference period: scientists and engineers in agricultural sciences – men	RD_RES M_FTE_ AGR	Working time of male scientists and engineers spent on R&D in the area of agricultural sciences in the reference year.	Positive real number (0,2)	
01/5	Working time spent on R&D in full-time years in the reference period: scientists and engineers in social sciences – men	RD_RES M_FTE_ SOC	Working time of male scientists and engineers spent on R&D in the area of social sciences in the reference year.	Positive real number (0,2)	
01 / 6	Working time spent on R&D in full-time years in the reference period: scientists and engineers in humanities – men	RD_RES M_FTE_ HUM	Working time of male scientists and engineers spent on R&D in the area of humanities in the reference year.	Positive real number (0,2)	
02/1	Working time spent on R&D in full-time years in the reference period: scientists and engineers in	RD_RES F_FTE_ NAT	Working time of female scientists and engineers spent on R&D in the area of natural sciences in the reference year.	Positive real number (0,2)	

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	natural sciences –			
02 / 2	women  Working time spent on R&D in full-time years in the reference period: scientists and engineers in engineering sciences – women	RD_RES F_FTE_ ENG	Working time of female scientists and engineers spent on R&D in the area of engineering sciences in the reference year.	Positive real number (0,2)
02/3	Working time spent on R&D in full-time years in the reference period: scientists and engineers in medical science – women	RD_RES F_FTE_ MED	Working time of female scientists and engineers spent on R&D in the area of medical science in the reference year.	Positive real number (0,2)
02 / 4	Working time spent on R&D in full-time years in the reference period: scientists and engineers in agricultural sciences – women	RD_RES F_FTE_ AGR	Working time of female scientists and engineers spent on R&D in the area of agricultural sciences in the reference year.	Positive real number (0,2)
02 / 5	Working time spent on R&D in full-time years in the reference period: scientists and engineers in social sciences – women	RD_RES F_FTE_ SOC	Working time of female scientists and engineers spent on R&D in the area of social sciences in the reference year.	Positive real number (0,2)
02/6	Working time spent on R&D in full-time years in the reference period: scientists and engineers in humanities – women	RD_RES F_FTE_ HUM	Working time of female scientists and engineers spent on R&D in the area of humanities in the reference year.	Positive real number (0,2)
03 / 1	Working time spent on R&D in full-time years in the reference period: technicians in natural sciences	RD_TEC MF_FTE _NAT	Working time of technicians spent on R&D in the area of natural sciences in the reference year.	Positive real number (0,2)
03 / 2	Working time spent on R&D in full-time years in the reference period: technicians in engineering sciences	RD_TEC MF_FTE _ENG	Working time of technicians spent on R&D in the area of engineering sciences in the reference year.	Positive real number (0,2)
03/3	Working time spent on R&D in full-time years in the reference period: technicians in medical science	RD_TEC MF_FTE _MED	Working time of technicians spent on R&D in the area of medical science in the reference year.	Positive real number (0,2)
03 / 4	Working time spent on R&D in full-time years in the reference period: technicians in agricultural sciences	RD_TEC MF_FTE _AGR	Working time of technicians spent on R&D in the area of agricultural sciences in the reference year.	Positive real number (0,2)
03/5	Working time spent on R&D in full-time years in the reference period: technicians in social sciences	RD_TEC MF_FTE _SOC	Working time of technicians spent on R&D in the area of social sciences in the reference year.	Positive real number (0,2)
03/6	Working time spent on R&D in	RD_TEC MF_FTE	Working time of technicians spent on R&D in the area of humanities in the reference year.	Positive real number

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	full-time years in the reference period: technicians in humanities	_HUM		(0,2)	
04 / 7	Working time spent on R&D in full-time years in the reference period: assistant personnel – total	RD_SUP MF_FTE _SCF	Total working time of assistant personnel spent on R&D in scientific areas in the reference year.	Positive real number (0,2)	

# Table 2. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT BY POST AND LEVEL OF EDUCATION AT THE END OF THE REFERENCE YEAR

Data about the level of education of employees based on the document indicating the highest level of education. On row 8, the sums in columns 1–6 must correspond to the data indicated in Table 1.1 column 7.

Data about the level of education of employees based on the document indicating the highest level of education. On row "Academic higher education", indicate the persons with the bachelor's degree and a degree from university at Soviet times. On row "Professional higher education", indicate the persons with the degree in professional higher education, diploma studies and vocational higher education. Secondary education includes both secondary as well as vocational secondary education.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with doctoral degree – men	RD_RES M_DOC	Number of male scientists and engineers with doctoral degree at the end of the reference year.	Positive integer	
01/2	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with doctoral degree – women	RD_RES F_DOC	Number of female scientists and engineers with doctoral degree at the end of the reference year.	Positive integer	
01/3	Number of employees engaged in R&D at the end of the reference period: technicians with doctoral degree – men	RD_TEC M_DOC	Number of male technicians with doctoral degree at the end of the reference year.	Positive integer	
01 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with doctoral degree – women	RD_TEC F_DOC	Number of female technicians with doctoral degree at the end of the reference year.	Positive integer	
01 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with doctoral degree – men	RD_SUP M_DOC	Number of male assistant personnel with doctoral degree at the end of the reference year.	Positive integer	

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01 / 6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with doctoral degree – women	RD_SUP F_DOC	Number of female assistant personnel with doctoral degree at the end of the reference year.	Positive integer	
02 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with master's degree – men	RD_RES M_MAG	Number of male scientists and engineers with master's degree at the end of the reference year.	Positive integer	
02/2	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with master's degree – women	RD_RES F_MAG	Number of female scientists and engineers with master's degree at the end of the reference year.	Positive integer	
02/3	Number of employees engaged in R&D at the end of the reference period: technicians with master's degree – men	RD_TEC M_MAG	Number of male technicians with master's degree at the end of the reference year.	Positive integer	
02 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with master's degree – women	RD_TEC F_MAG	Number of female technicians with master's degree at the end of the reference year.	Positive integer	
02 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with master's degree – men	RD_SUP M_MAG	Number of male assistant personnel with master's degree at the end of the reference year.	Positive integer	
02/6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with master's degree – women	RD_SUP F_MAG	Number of female assistant personnel with master's degree at the end of the reference year.	Positive integer	
03 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with academic higher education – men	RD_RES M_ACE	Number of male scientists and engineers with academic higher education at the end of the reference year.	Positive integer	
03/2	Number of employees engaged in R&D at the end of the reference period: scientists and	RD_RES F_ACE	Number of female scientists and engineers with academic higher education at the end of the reference year.	Positive integer	

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	engineers with academic higher education – women				
03/3	Number of employees engaged in R&D at the end of the reference period: technicians with academic higher education – men	RD_TEC M_ACE	Number of male technicians with academic higher education at the end of the reference year.	Positive integer	
03 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with academic higher education – women	RD_TEC F_ACE	Number of female technicians with academic higher education at the end of the reference year.	Positive integer	
03 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with academic higher education – men	RD_SUP M_ACE	Number of male assistant personnel with academic higher education at the end of the reference year.	Positive integer	
03/6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with academic higher education – women	RD_SUP F_ACE	Number of female assistant personnel with academic higher education at the end of the reference year.	Positive integer	
04 / 1	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with professional higher education – men	RD_RES M_PRE	Number of male scientists and engineers with professional higher education at the end of the reference year.	Positive integer	
04/2	Number of employees engaged in R&D at the end of the reference period: scientists and engineers with professional higher education – women	RD_RES F_PRE	Number of female scientists and engineers with professional higher education at the end of the reference year.	Positive integer	
04/3	Number of employees engaged in R&D at the end of the reference period: technicians with professional higher education – men	RD_TEC M_PRE	Number of male technicians with professional higher education at the end of the reference year.	Positive integer	
04 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with professional	RD_TEC F_PRE	Number of female technicians with professional higher education at the end of the reference year.	Positive integer	

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	higher education -				
	women	<u> </u>			
04 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with professional higher education – men	RD_SUP M_PRE	Number of male assistant personnel with professional higher education at the end of the reference year.	Positive integer	
04 / 6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with professional higher education – women	RD_SUP F_PRE	Number of female assistant personnel with professional higher education at the end of the reference year.	Positive integer	
05/3	Number of employees engaged in R&D at the end of the reference period: technicians with vocational secondary education – men	RD_TEC M_PRS	Number of male technicians with vocational secondary education at the end of the reference year.	Positive integer	
05 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with vocational secondary education – women	RD_TEC F_PRS	Number of female technicians with vocational secondary education at the end of the reference year.	Positive integer	
05 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with vocational secondary education – men	RD_SUP M_PRS	Number of male assistant personnel with vocational secondary education at the end of the reference year.	Positive integer	
05 / 6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with vocational secondary education – women	RD_SUP F_PRS	Number of female assistant personnel with vocational secondary education at the end of the reference year.	Positive integer	
06 / 3	Number of employees engaged in R&D at the end of the reference period: technicians with secondary education – men	RD_TEC M_SEC	Number of male technicians without secondary education at the end of the reference year.	Positive integer	
06 / 4	Number of employees engaged in R&D at the end of the reference period: technicians with	RD_TEC F_SEC	Number of female technicians with secondary education at the end of the reference year.	Positive integer	

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	secondary education – women				
06 / 5	Number of employees engaged in R&D at the end of the reference period: assistant personnel with secondary education – men	RD_SUP M_SEC	Number of male assistant personnel with secondary education at the end of the reference year.	Positive integer	
06/6	Number of employees engaged in R&D at the end of the reference period: assistant personnel with secondary education – women	RD_SUP F_SEC	Number of female assistant personnel with secondary education at the end of the reference year.	Positive integer	
07/3	Number of employees engaged in R&D at the end of the reference period: technicians without secondary education – men	RD_TEC M_NOS	Number of male technicians without secondary education at the end of the reference year.	Positive integer	
07 / 4	Number of employees engaged in R&D at the end of the reference period: technicians without secondary education – women	RD_TEC F_NOS	Number of female technicians without secondary education at the end of the reference year.	Positive integer	
07/5	Number of employees engaged in R&D at the end of the reference period: assistant personnel without secondary education – men	RD_SUP M_NOS	Number of male assistant personnel without secondary education at the end of the reference year.	Positive integer	
07 / 6	Number of employees engaged in R&D at the end of the reference period: assistant personnel without secondary education – women	RD_SUP F_NOS	Number of female assistant personnel without secondary education at the end of the reference year.	Positive integer	

### Table 3. SCIENTISTS AND ENGINEERS BY AGE AND SEX AT THE END OF THE REFERENCE YEAR

Distribution of scientists and engineers by age. Total numbers of female and male scientists must correspond to the data indicated in previous tables. The table does not include data about technicians or assistant personnel. Total number of (fe)male scientists and engineers by age in column 1 must correspond to the data indicated in Table 1.1 column 7 row 1 (2).

Row code/ column code	Name of variable * - mandatory	Code of variable		Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 2	Number of	RD_RES	Number of under 25-year-old male scientists and engineers	Positive	

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	scientists and engineers at the end of the reference period: up to 25-year-olds — men	M_AGE1	at the end of the reference year.	integer	
01/3	Number of scientists and engineers at the end of the reference period: 25–34-year-olds – men	RD_RES M_AGE2	Number of 25–34-year-old male scientists and engineers at the end of the reference year.	Positive integer	
01 / 4	Number of scientists and engineers at the end of the reference period: 35–44-year-olds – men	RD_RES M_AGE3	Number of 35–44-year-old male scientists and engineers at the end of the reference year.	Positive integer	
01/5	Number of scientists and engineers at the end of the reference period: 45–54-year-olds – men	RD_RES M_AGE4	Number of 45–54-year-old male scientists and engineers at the end of the reference year.	Positive integer	
01 / 6	Number of scientists and engineers at the end of the reference period: 55–64-year-olds – men	RD_RES M_AGE5	Number of 55–64-year-old male scientists and engineers at the end of the reference year.	Positive integer	
01 / 7	Number of scientists and engineers at the end of the reference period: at least 65-year-olds – men	RD_RES M_AGE6	Number of at least 65-year-old male scientists and engineers at the end of the reference year.	Positive integer	
02/2	Number of scientists and engineers at the end of the reference period: up to 25-year-olds – women	RD_RES F_AGE1	Number of under 25-year-old female scientists and engineers at the end of the reference year.	Positive integer	
02/3	Number of scientists and engineers at the end of the reference period: 25–34-year-olds – women	RD_RES F_AGE2	Number of 25–34-year-old female scientists and engineers at the end of the reference year.	Positive integer	
02 / 4	Number of scientists and engineers at the end of the reference period: 35–44-year-olds – women	RD_RES F_AGE3	Number of 35–44-year-old female scientists and engineers at the end of the reference year.	Positive integer	
02/5	Number of scientists and engineers at the end of the reference period: 45–54-year-olds – women	RD_RES F_AGE4	Number of 45–54-year-old female scientists and engineers at the end of the reference year.	Positive integer	
02/6	Number of scientists and engineers at the end of the reference period: 55–64-year-olds – women	RD_RES F_AGE5	Number of 55–64-year-old female scientists and engineers at the end of the reference year.	Positive integer	

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02 / 7	Number of scientists and engineers at the end of the reference period: at least 65-year- olds – women	RD_RES F_AGE6	Number of at least 65-year-old female scientists and engineers at the end of the reference year.	Positive integer	
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#### Table 4. SCIENTISTS AND ENGINEERS BY SCIENTIFIC AREAS AT THE END OF THE REFERENCE YEAR

Division of scientists and engineers by scientific degree, scientific areas are determined by the main activities of the employee like in Table 1.1, not by the specialty of the scientific degree or diploma. The table does not include data about technicians or assistant personnel. Column 1 and 2 are prefilled with data from Table 1.1. On row 7, the sums in columns 1–6 must correspond to the data indicated in Table 2 columns 1–2.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01/3	Number of scientists and engineers at the end of the reference period: natural sciences – men with doctoral degree	RD_RES M_NAT_ DOC	Number of male scientists and engineers the area of natural sciences with doctoral degree at the end of the reference year.	Positive integer	
01 / 4	Number of scientists and engineers at the end of the reference period: natural sciences – women with doctoral degree	RD_RES F_NAT_ DOC	Number of female scientists and engineers the area of natural sciences with doctoral degree at the end of the reference year.	Positive integer	
01/5	Number of scientists and engineers at the end of the reference period: natural sciences – men with master's degree	RD_RES M_NAT_ MAG	Number of male scientists and engineers in the area of natural sciences with master's degree at the end of the reference year.	Positive integer	
01 / 6	Number of scientists and engineers at the end of the reference period: natural sciences – women with master's degree	RD_RES F_NAT_ MAG	Number of female scientists and engineers in the area of natural sciences with master's degree at the end of the reference year.	Positive integer	
02/3	Number of scientists and engineers at the end of the reference period: engineering sciences – men with doctoral degree	RD_RES M_ENG_ DOC	Number of male scientists and engineers the area of engineering sciences with doctoral degree at the end of the reference year.	Positive integer	
02 / 4	Number of scientists and engineers at the end of the reference period: engineering sciences – women with doctoral degree	RD_RES F_ENG_ DOC	Number of female scientists and engineers the area of engineering sciences with doctoral degree at the end of the reference year.	Positive integer	
02/5	Number of	RD_RES	Number of male scientists and engineers in the area of	Positive	

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	scientists and engineers at the end of the reference period: engineering sciences – men with master's degree	M_ENG_ MAG	engineering sciences with master's degree at the end of the reference year.	integer	
02/6	Number of scientists and engineers at the end of the reference period: engineering sciences – women with master's degree	RD_RES F_ENG_ MAG	Number of female scientists and engineers in the area of engineering sciences with master's degree at the end of the reference year.	Positive integer	
03/3	Number of scientists and engineers at the end of the reference period: medical science – men with doctoral degree	RD_RES M_MED_ DOC	Number of male scientists and engineers the area of medical science with doctoral degree at the end of the reference year.	Positive integer	
03 / 4	Number of scientists and engineers at the end of the reference period: medical science – women with doctoral degree	RD_RES F_MED_ DOC	Number of female scientists and engineers the area of medical science with doctoral degree at the end of the reference year.	Positive integer	
03/5	Number of scientists and engineers at the end of the reference period: medical science – men with master's degree	RD_RES M_MED_ MAG	Number of male scientists and engineers in the area of medical science with master's degree at the end of the reference year.	Positive integer	
03/6	Number of scientists and engineers at the end of the reference period: medical science – women with master's degree	RD_RES F_MED_ MAG	Number of female scientists and engineers in the area of medical science with master's degree at the end of the reference year.	Positive integer	
04/3	Number of scientists and engineers at the end of the reference period: agricultural sciences – men with doctoral degree	RD_RES M_AGR_ DOC	Number of male scientists and engineers the area of agricultural sciences with doctoral degree at the end of the reference year.	Positive integer	
04 / 4	Number of scientists and engineers at the end of the reference period: agricultural sciences – women with doctoral degree	RD_RES F_AGR_ DOC	Number of female scientists and engineers the area of agricultural sciences with doctoral degree at the end of the reference year.	Positive integer	
04/5	Number of scientists and engineers at the end of the reference period: agricultural sciences – men with master's degree	RD_RES M_AGR_ MAG	Number of male scientists and engineers in the area of agricultural sciences with master's degree at the end of the reference year.	Positive integer	

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04/6	Number of scientists and engineers at the end of the reference period: agricultural sciences – women with master's degree	RD_RES F_AGR_ MAG	Number of female scientists and engineers in the area of agricultural sciences with master's degree at the end of the reference year.	Positive integer
05/3	Number of scientists and engineers at the end of the reference period: social sciences – men with doctoral degree	RD_RES M_SOC_ DOC	Number of male scientists and engineers the area of social sciences with doctoral degree at the end of the reference year.	Positive integer
05 / 4	Number of scientists and engineers at the end of the reference period: social sciences – women with doctoral degree	RD_RES F_SOC_ DOC	Number of female scientists and engineers the area of social sciences with doctoral degree at the end of the reference year.	Positive integer
05 / 5	Number of scientists and engineers at the end of the reference period: social sciences – men with master's degree	RD_RES M_SOC_ MAG	Number of male scientists and engineers in the area of social sciences with master's degree at the end of the reference year.	Positive integer
05 / 6	Number of scientists and engineers at the end of the reference period: social sciences – women with master's degree	RD_RES F_SOC_ MAG	Number of female scientists and engineers in the area of social sciences with master's degree at the end of the reference year.	Positive integer
06/3	Number of scientists and engineers at the end of the reference period: humanities – men with doctoral degree	RD_RES M_HUM_ DOC	Number of male scientists and engineers the area of humanities with doctoral degree at the end of the reference year.	Positive integer
06 / 4	Number of scientists and engineers at the end of the reference period: humanities – women with doctoral degree	RD_RES F_HUM_ DOC	Number of female scientists and engineers the area of humanities with doctoral degree at the end of the reference year.	Positive integer
06/5	Number of scientists and engineers at the end of the reference period: humanities – men with master's degree	RD_RES M_HUM_ MAG	Number of male scientists and engineers in the area of humanities with master's degree at the end of the reference year.	Positive integer
06 / 6	Number of scientists and engineers at the end of the reference period: humanities – women with master's degree	RD_RES F_HUM_ MAG	Number of female scientists and engineers in the area of humanities with master's degree at the end of the reference year.	Positive integer

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Please note that foreign researchers indicated in Table 5 must also be included in tables 1, 1.1, 1.2, 2, 3 and 4. Data about scientists and engineers with foreign citizenship by countries and sex. If filled in online, choose the name of the country from the list of countries.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
1/1	Scientists and engineers with foreign citizenship – code and name of the country	RD_ISO _FOR	Official name and code of the country of citizenship of scientists and engineers with foreign citizenship.	Riikide ja territooriumi de klassifikaato r 2T 2021	
1/2	Number of scientists and engineers with foreign citizenship – men	RD_RES M_FOR	Number of male scientists and engineers with the citizenship of the respective country.	Positive integer	
1/3	Number of scientists and engineers with foreign citizenship – women	RD_RES F_FOR	Number of female scientists and engineers with the citizenship of the respective country.	Positive integer	

#### Table 6. COSTS ON RESEARCH AND DEVELOPMENT BY SOURCES OF FUNDING AND SCIENTIFIC AREAS, EUROS

R&D costs by sources of funding and scientific areas. Five main sources of R&D funding are distinguished: state, companies, non-profit private sector, universities and higher education institutions and foreign sources. Financial data is indicated in euros without decimals.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 2	Funding of R&D costs: natural sciences – from state funds	RD_EXP _NAT_G OV	Funding of natural sciences from state funds.	Positive integer	
01/3	Funding of R&D costs: natural sciences – from companies	RD_EXP _NAT_B ES	Funding of natural sciences from companies.	Positive integer	
01 / 4	Funding of R&D costs: natural sciences – from non-profit private sector	RD_EXP _NAT_P NP	Funding of natural sciences from non-profit private sector.	Positive integer	
01 / 5	Funding of R&D costs: natural sciences – from universities and higher education institutions	RD_EXP _NAT_H ES	Funding of natural sciences from universities and higher education institutions.	Positive integer	
01 / 6	Funding of R&D costs: natural sciences – from foreign sources	RD_EXP _NAT_F OR	Funding of natural sciences from foreign sources.	Positive integer	
02 / 2	Funding of R&D costs: engineering sciences – from state funds	RD_EXP _ENG_G OV	Funding of engineering sciences from state funds.	Positive integer	
02/3	Funding of R&D costs: engineering sciences – from companies	RD_EXP _ENG_B ES	Funding of engineering sciences from companies.	Positive integer	

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02 / 4	Funding of R&D costs: engineering sciences – from non-profit private sector	RD_EXP _ENG_P NP	Funding of engineering sciences from non-profit private sector.	Positive integer
02/5	Funding of R&D costs: engineering sciences – from universities and higher education institutions	RD_EXP _ENG_H ES	Funding of engineering sciences from universities and higher education institutions.	Positive integer
02/6	Funding of R&D costs: engineering sciences – from foreign sources	RD_EXP _ENG_F OR	Funding of engineering sciences from foreign sources.	Positive integer
03/2	Funding of R&D costs: medical science – from state funds	RD_EXP _MED_G OV	Funding of medical science from state funds.	Positive integer
03/3	Funding of R&D costs: medical science – from companies	RD_EXP _MED_B ES	Funding of medical science from companies.	Positive integer
03 / 4	Funding of R&D costs: medical science – from non-profit private sector	RD_EXP _MED_P NP	Funding of medical science from non-profit private sector.	Positive integer
03/5	Funding of R&D costs: medical science – from universities and higher education institutions	RD_EXP _MED_H ES	Funding of medical science from universities and higher education institutions.	Positive integer
03 / 6	Funding of R&D costs: medical science – from foreign sources	RD_EXP _MED_F OR	Funding of medical science from foreign sources.	Positive integer
04/2	Funding of R&D costs: agricultural sciences – from state funds	RD_EXP _AGR_G OV	Funding of agricultural sciences from state funds.	Positive integer
04/3	Funding of R&D costs: agricultural sciences – from companies	RD_EXP _AGR_B ES	Funding of agricultural sciences from companies.	Positive integer
04 / 4	Funding of R&D costs: agricultural sciences – from non-profit private sector	RD_EXP _AGR_P NP	Funding of agricultural sciences from non-profit private sector.	Positive integer
04/5	Funding of R&D costs: agricultural sciences – from universities and higher education institutions	RD_EXP _AGR_H ES	Funding of agricultural sciences from universities and higher education institutions.	Positive integer
04 / 6	Funding of R&D costs: agricultural sciences – from foreign sources	RD_EXP _AGR_F OR	Funding of agricultural sciences from foreign sources.	Positive integer
05/2	Funding of R&D costs: social sciences – from state funds	RD_EXP _SOC_G OV	Funding of social sciences from state funds.	Positive integer
05/3	Funding of R&D costs: social sciences – from companies	RD_EXP _SOC_B ES	Funding of social sciences from companies.	Positive integer
05 / 4	Funding of R&D costs: social sciences – from non-profit private sector	RD_EXP _SOC_P NP	Funding of social sciences from non-profit private sector.	Positive integer
05 / 5	Funding of R&D costs: social	RD_EXP SOC_H	Funding of social sciences from universities and higher education institutions.	Positive integer

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	sciences – from universities and higher education institutions	ES			
05 / 6	Funding of R&D costs: social sciences – from foreign sources	RD_EXP _SOC_F OR	Funding of social sciences from foreign sources.	Positive integer	
06 / 2	Funding of R&D costs: humanities – from state funds	RD_EXP _HUM_G OV	Funding of humanities from state funds.	Positive integer	
06/3	Funding of R&D costs: humanities – from companies	RD_EXP _HUM_B ES	Funding of humanities from companies.	Positive integer	
06 / 4	Funding of R&D costs: humanities – from non-profit private sector	RD_EXP _HUM_P NP	Funding of humanities from non-profit private sector.	Positive integer	
06/5	Funding of R&D costs: humanities – from universities and higher education institutions	RD_EXP _HUM_H ES	Funding of humanities from universities and higher education institutions.	Positive integer	
06 / 6	Funding of R&D costs: humanities – from foreign sources	RD_EXP _HUM_F OR	Funding of humanities from foreign sources.	Positive integer	

#### Table 7. COSTS ON RESEARCH AND DEVELOPMENT BY NATIONAL AND FOREIGN SOURCES OF FUNDING

In detail, indicate the R&D costs funded from national or foreign sources. The total sums must correspond to those indicated in Table 6. Support from the EU, international organisations, foreign countries and non-governmental organisations of foreign countries granted through the state budget is considered support from the state, not from foreign sources.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	Funding of R&D costs: state funds – from state budget	RD_EXP _GOVI1	R&D costs funded from state budget (core financing, costs on infrastructure, investments, PhD student support), incl. from the supplementary budget.	Positive integer	
02 / 1	Funding of R&D costs: state funds – from Estonian Research Council (grants)	RD_EXP _GOVI2	R&D costs funded by Estonian Research Council.	Positive integer	
03 / 1	Funding of R&D costs: state funds – from state funded funds and foundations	RD_EXP _GOVI3	R&D costs funded by funds and foundations financed by the state, except by Estonian Research Council.	Positive integer	
04 / 1	Funding of R&D costs: state funds – from state institutions	RD_EXP _GOVI4	R&D costs funded by institutions (ministries, authorities, etc.).	Positive integer	
05 / 1	Funding of R&D costs: state funds – from local government institutions	RD_EXP _GOVI5	Rural municipalities/cities, municipality authorities – R&D costs funded by municipality authorities and their divisions.	Positive integer	
06 / 1	Funding of R&D costs: state funds – from own funds (public sector institutions)	RD_EXP _GOVI6	R&D costs funded from the own funds of a public sector institution. Public sector institutions include state or local government institutions and units, the main activities of which do not include the production of goods or provision of services for sale, and which do not provide higher education service.	Positive integer	
08 / 1	Funding of R&D	RD_EXP	R&D costs funded by research grants from the European	Positive	

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	costs: foreign sources – from European Union research grants	_FORI1	Union.	integer	
09 / 1	Funding of R&D costs: foreign sources – from companies	RD_EXP _FORI2	R&D costs which are funded by companies outside Estonia (incl. foreign parent or affiliate companies).	Positive integer	
10 / 1	Funding of R&D costs: foreign sources – from foreign funds and foundations	RD_EXP _FORI3	R&D costs funded by foreign funds and endowments.	Positive integer	
11 / 1	Funding of R&D costs: foreign sources – other	RD_EXP _FORI4	R&D costs funded from foreign sources not listed under variables RD_EXP_FORI1, RD_EXP_FORI2. RD_EXP_FORI3.	Positive integer	

## Table 8. COSTS ON RESEARCH AND DEVELOPMENT BY TYPE OF COSTS, EUROS

R&D costs by main cost items and types of investment regardless of the source of funding.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01/2	R&D costs in organisation – labour costs	RD_EXP _LAB_IN S	Labour costs – wages and salaries, holiday pay, scholarships, social fund payments. NB! Indicate the labour costs of employees directly related to R&D, incl. labour costs of master's and doctoral students engaged in R&D. Labour costs of employees not directly engaged in R&D (security service, cleaning and maintenance personnel, etc.) are indicated among other current costs.	Positive integer	
01/3	R&D costs in organisation – other current costs	RD_EXP _CUR_O TH	Other current costs – lease and rent of buildings and/or premises, fee for electricity, water and heating, costs for the purchase of smaller equipment, instruments, materials and other current assets, business travels, communication services, etc. Depreciation costs are not included in the R&D costs. Also indicate the labour costs of persons not directly involved in R&D (security service, cleaning and maintenance personnel, etc.), if their activities were related to the premises or equipment used for R&D.	Positive integer	
01 / 4	R&D costs in organisation – acquisition, construction and capital repairs of buildings and facilities	RD_EXP _BUI_IN S	R&D costs (investments) for the acquisition, building and capital repairs of buildings and facilities (incl. for reconstructing or extending), also for the acquisition of land.	Positive integer	
01 / 5	R&D costs in organisation – equipment, apparatus, machinery, inventory and means of transport	RD_EXP _EQU_I NS	R&D costs (investments) for the acquisition of equipment, apparatus, machinery, inventory and means of transport (capitalised costs in acquisition cost, incl. reconstruction expenses), also for the creation of basic libraries or information banks.	Positive integer	
01 / 6	R&D costs in organisation – other investments	RD_EXP _INV_IN S	Other investments, incl. investments in intangible fixed assets (patents, licences, obtained and created special software, etc.).	Positive integer	

#### Table 9. COSTS ON RESEARCH AND DEVELOPMENT BY TYPE OF ACTIVITY BASED ON FIELDS OF APPLICATION, EUROS

R&D costs by the nature of research and scientific areas. See examples from the guide "Determining the type of research and development"

Row	Name of variable	Code of	Explanation	Type of data	You neet
code/	* - mandatory	variable		(number of	not fill in
column				decimals) or	the value:

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column code				decimals) or list/ classification name	the value: period, economic activity
01/2	R&D costs by type of R&D: natural sciences – basic research	RD_EXP _NAT_B AS	R&D costs on basic research in the area of natural sciences.	Positive integer	
01/3	R&D costs by type of R&D: natural sciences – applied research	RD_EXP _NAT_A PP	R&D costs on applied research in the area of natural sciences.	Positive integer	
01 / 4	R&D costs by type of R&D: natural sciences – experimental development works	RD_EXP _NAT_E XW	R&D costs on experimental development works in the area of natural sciences.	Positive integer	
02 / 2	R&D costs by type of R&D: engineering sciences – basic research	RD_EXP _ENG_B AS	R&D costs on basic research in engineering sciences.	Positive integer	
02/3	R&D costs by type of R&D: engineering sciences – applied research	RD_EXP _ENG_A PP	R&D costs on applied research in the area of engineering sciences.	Positive integer	
02 / 4	R&D costs by type of R&D: engineering sciences – experimental development works	RD_EXP _ENG_E XW	R&D costs on experimental development works in the area of engineering sciences.	Positive integer	
03/2	R&D costs by type of R&D: medical science – basic research	RD_EXP _MED_B AS	R&D costs on basic research in the area of medical science.	Positive integer	
03/3	R&D costs by type of R&D: medical science – applied research	RD_EXP _MED_A PP	R&D costs on applied research in the area of medical science.	Positive integer	
03 / 4	R&D costs by type of R&D: medical science – experimental development works	RD_EXP _MED_E XW	R&D costs on experimental development works in the area of medical science.	Positive integer	
04 / 2	R&D costs by type of R&D: agricultural sciences – basic research	RD_EXP _AGR_B AS	R&D costs on basic research in agricultural sciences.	Positive integer	
04/3	R&D costs by type of R&D: agricultural sciences – applied research	RD_EXP _AGR_A PP	R&D costs on applied research in the area of agricultural sciences.	Positive integer	
04 / 4	R&D costs by type of R&D: agricultural sciences – experimental development works	RD_EXP _AGR_E XW	R&D costs on experimental development works in the area of agricultural sciences.	Positive integer	
05 / 2	R&D costs by type of R&D: social sciences – basic research	RD_EXP _SOC_B AS	R&D costs on basic research in the area of social sciences.	Positive integer	
05/3	R&D costs by type of R&D: social sciences – applied research	RD_EXP _SOC_A PP	R&D costs on applied research in the area of social sciences.	Positive integer	

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	of R&D: social sciences – experimental development works	_SOC_E XW	social sciences.	integer	
06 / 2	R&D costs by type of R&D: humanities – basic research	RD_EXP _HUM_B AS	R&D costs on basic research in humanities.	Positive integer	
06/3	R&D costs by type of R&D: humanities – applied research	RD_EXP _HUM_A PP	R&D costs on applied research in the area of humanities.	Positive integer	
06 / 4	R&D costs by type of R&D: humanities – experimental development works	RD_EXP _HUM_E XW	R&D costs on experimental development works in the area of humanities.	Positive integer	

#### Table 10. COSTS ON RESEARCH AND DEVELOPMENT BY FIELDS OF APPLICATION, EUROS

R&D costs are divided by fields of application, separating the activities funded by state resources, and keeping in mind the purpose of the funding of the survey. Field of application is not determined (row 13) for surveys which are conducted for increasing knowledge, but which cannot be connected with a specific application, and for which the field of application was also not determined when funds were allocated.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
01 / 1	R&D costs by fields of application: total – agriculture, forestry, fishing	RD_NAB S08	R&D costs in the field of agriculture, forestry and fishing.	Positive integer	
01/2	R&D costs by fields of application: from state funds – agriculture, forestry, fishing	RD_NAB S08_GO V	R&D costs funded by state funds in the field of agriculture, forestry and fishing.	Positive integer	
02 / 1	R&D costs by fields of application: total – industrial production and technology	RD_NAB S06	R&D costs in the field of industrial production and technology.	Positive integer	
02/2	R&D costs by fields of application: from state funds – industrial production and technology	RD_NAB S06_GO V	R&D costs funded by state funds in the field of industrial production and technology.	Positive integer	
03 / 1	R&D costs by fields of application: total – generation, distribution and rational use of energy	RD_NAB S05	R&D costs in the field of generation, distribution and rational use of energy.	Positive integer	
03/2	R&D costs by fields of application: from state funds – generation, distribution and rational use of energy	RD_NAB S05_GO V	R&D costs funded by state funds in the field of generation, distribution and rational use of energy.	Positive integer	
04 / 1	R&D costs by	RD_NAB	R&D costs in the field of transport, telecommunication and	Positive	

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	fields of application: total – transport, telecommunication and other	S04	other infrastructures.	integer	
04 / 2	infrastructures  R&D costs by fields of application: from state funds – transport, telecommunication and other infrastructures	RD_NAB S04_GO V	R&D costs funded by state funds in the field of transport, telecommunication and other infrastructures.	Positive integer	
05 / 1	R&D costs by fields of application: total – protection of the environment	RD_NAB S02	R&D costs in the field of the protection of the environment.	Positive integer	
05 / 2	R&D costs by fields of application: from state funds – protection of the environment	RD_NAB S02_GO V	Total R&D costs funded by state funds in the field of the protection of the environment.	Positive integer	
06 / 1	R&D costs by fields of application: total – health sciences	RD_NAB S07	R&D costs in the field of health sciences.	Positive integer	
06/2	R&D costs by fields of application: from state funds – health sciences	RD_NAB S07_GO V	R&D costs funded by state funds in the field of health sciences.	Positive integer	
07 / 1	R&D costs by fields of application: total – culture, spare time, religion and media	RD_NAB S10	R&D costs in the field of culture, spare time, religion and media.	Positive integer	
07/2	R&D costs by fields of application: from state funds – culture, spare time, religion and media	RD_NAB S10_GO V	R&D costs funded by state funds in the field of culture, spare time, religion and media.	Positive integer	
08 / 1	R&D costs by fields of application: total – education	RD_NAB S09	R&D costs in the field of education.	Positive integer	
08/2	R&D costs by fields of application: from state funds – education	RD_NAB S09_GO V	R&D costs funded by state funds in the field of education.	Positive integer	
09 / 1	R&D costs by fields of application: total – political and social systems, structures and processes	RD_NAB S11	R&D costs in the field of political and social systems, structures and processes.	Positive integer	
09/2	R&D costs by fields of application: from state funds – political and social systems, structures and processes	RD_NAB S11_GO V	R&D costs funded by state funds in the field of political and social systems, structures and processes.	Positive integer	
10 / 1	R&D costs by fields of application: total – studies and use of earth's crust,	RD_NAB S01	R&D costs in the field of the studies and use of earth's crust, hydrosphere and atmosphere.	Positive integer	

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	hydrosphere and atmosphere			
10/2	R&D costs by fields of application: from state funds – studies and use of earth's crust, hydrosphere and atmosphere	RD_NAB S01_GO V	R&D costs funded by state funds in the field of the studies and use of earth's crust, hydrosphere and atmosphere.	Positive integer
11 / 1	R&D costs by fields of application: total – space exploration and capture	RD_NAB S03	R&D costs in the field of space exploration and capture.	Positive integer
11/2	R&D costs by fields of application: from state funds – space exploration and capture	RD_NAB S03_GO V	R&D costs funded by state funds in the field of space exploration and capture.	Positive integer
12/1	R&D costs by fields of application: total – national defence	RD_NAB S14	R&D costs in the field of national defence.	Positive integer
12/2	R&D costs by fields of application: from state funds – national defence	RD_NAB S14_GO V	R&D costs funded by state funds in the field of national defence.	Positive integer
13/1	R&D costs by fields of application: total – application not specified	RD_NAB S13	R&D costs in the field of application not specified.	Positive integer
13/2	R&D costs by fields of application: from state funds – application not specified	RD_NAB S13_GO V	R&D costs funded by state funds in the field of application not specified.	Positive integer

## Table 11. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (incl. for preparing the data)

Please estimate how much time you spent on filling out the questionnaire (incl. time spent on reading the instructions, collecting and preparing data). Record the total time spent by all employees.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
/	Number of hours spent on completing the questionnaire and collecting and preparing the necessary data	TAITMIS EAEGTU NDI	Number of hours spent by all employees on completing the questionnaire. The time spent on completing the questionnaire includes the time spent on reviewing instructions, collecting and preparing the necessary data.	Positive integer	
1	Number of minutes spent on completing the questionnaire and collecting and preparing the necessary data	TAITMIS EAEGMI NUTIT	Number of minutes spent by all employees on completing the questionnaire. The time spent on completing the questionnaire includes the time spent on reviewing instructions, collecting and preparing data. Permitted value range 0–59.	Positive integer	