

Controls and autosums in questionnaire: Research and development (R&D) (in companies)

Code of the questionnaire: 11342026
Periodicity: Annual

Is submitted: 05.08.2026, data about 2025

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A field with a grey background has been automatically filled online. The data in this field cannot be changed, they are visible after saving.
If the data you entered are inconsistent internally or with the prefilled data, an error message appears upon checking. If errors (warnings) appear, check the data carefully and make corrections.

CONTROLS

Controls in table 1.1. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT BY LEVEL OF EDUCATION AND POST AT THE END OF THE REFERENCE YEAR

Control ID	Control formula	Clarification	Type of error
33502	{RD_RESMF_EDU}>={RD_RESF_EDU}	The total number of research and development personnel must be equal to or larger than the number of female research and development personnel.	Error
33505	{RD_OTHMF_EDU}>={RD_OTHF_EDU}	The total number of other research and development personnel must be equal to or larger than the number of female other research and development personnel.	Error

Controls in table 6. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (incl. for preparing the data)

Control ID	Control formula	Clarification	Type of error
20299	{TAITMISEAEGMINUTIT}<=59	Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.	Error
20300	{TAITMISEAEGTUNDI}+{TAITMISEAEGMINUTIT}>0	The time spent on filling in the questionnaire must be recorded and the sum of hours and minutes must be more than 0. The time spent means time spent by all employees to read questionnaire instructions, collect and prepare data and fill in the questionnaire.	Error
20301	{TAITMISEAEGTUNDI}<=999	Maximum permitted value is 999 hours.	Error

Controls across tables

Control ID	Control formula	Clarification	Type of error
3730	{RD_EXP_CUR_ENT}+{RD_EXP_INV_ENT}={RD_EXP_BES}+{RD_EXP_GOV}+{RD_EXP_HES}+{RD_EXP_PNP}+{RD_EXP_BES6}+{RD_EXP_FOR1}+{RD_EXP_FOR2}+{RD_EXP_FOR3}+{RD_EXP_FOR4}	The total amount spent on internal research and development activities must be equal to the sum of the amounts from different sources of funding.	Error
33500	{RD_RESMF_FTE_ENT}+{RD_OTHMF_FTE_SCF}<={RD_PERMF_EDU_BES}	The total number of research and development employees in full-time equivalents must be equal to or less than the number of research and development personnel.	Error

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33508	{RD_RESMF_FTE_ENT}<={RD_RESMF_EDU}	The number of researchers and engineers in full-time equivalents must be equal to or less than the total number of researchers and engineers.	Error
33510	{RD_OTHMF_FTE_SCF}<={RD_OTHMF_EDU}	The number of other research and development personnel (technicians, support staff) in full-time equivalents must be equal to or less than the total number of other research and development personnel (technicians, support staff).	Error
33511	{RD_RESMF_AGE1}+{RD_RESMF_AGE2}+{RD_RESMF_AGE3}+{RD_RESMF_AGE4}+{RD_RESMF_AGE5}+{RD_RESMF_AGE6}={RD_RESMF_EDU}	The total number of researchers and engineers in Table 2 must be equal to the sum of the number of researchers and engineers in different age groups in Table 1.1.	Error
33512	{RD_EXP_CUR_ENT}+{RD_EXP_INV_ENT}={RD_EXP_SCI_BAS}+{RD_EXP_SCI_APP}+{RD_EXP_SCI_EXW}	The total amount spent on internal research and development activities must be equal to the sum of the amounts spent on basic research, applied research, and experimental development.	Error
33813	KUI({INFO_KONTR}=1),SIIS(({RD_EXP_LAB_ENT}+{RD_EXP_CUR_OTH})/({RD_EXP_BUI_INS}+{RD_EXP_INV3}+{RD_EXP_INV2}+{RD_EXP_EQU_ENT}))>0	Your enterprise has received support from the Enterprise Estonia (EAS) programme funds, Horizon Europe, the EU's funding programme for research and innovation, or other national funds, or you have answered "yes" to the question "Does your enterprise employ research and development personnel?" in the EKOMAR questionnaire, therefore the costs should also be reported in Table 3.	Warning

AUTOSUMS

Autosums in table 1.1. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT BY LEVEL OF EDUCATION AND POST AT THE END OF THE REFERENCE YEAR

Row name	Column name	Formula	Clarification
TOTAL R&D personnel	Total R&D personnel	{RD_RESMF_EDU}+{RD_OTHMF_EDU}	
TOTAL R&D personnel	incl. women	{RD_RESF_EDU}+{RD_OTHF_EDU}	

Autosums in table 1.2. WORKING TIME SPENT ON RESEARCH AND DEVELOPMENT IN THE REFERENCE YEAR IN FULL-TIME EQUIVALENTS

Row name	Column name	Formula	Clarification
Total R&D personnel	Number of employees in full-time equivalents	{RD_RESMF_FTE_ENT}+{RD_OTHMF_FTE_SCF}	

Autosums in table 2. RESEARCHERS AND ENGINEERS BY AGE AT THE END OF THE REFERENCE YEAR

Row name	Column name	Formula	Clarification
TOTAL	Researchers and engineers	{RD_RESMF_AGE1}+{RD_RESMF_AGE2}+{RD_RESMF_AGE3}+{RD_RESMF_AGE4}+{RD_RESMF_AGE5}+{RD_RESMF_AGE6}	

Autosums in table 3. INTERNAL COSTS ON RESEARCH AND DEVELOPMENT

Row name	Column name	Formula	Clarification
Total current costs	Costs, euros	{RD_EXP_LAB_ENT}+{RD_EXP_CUR_OTH}	
Total investments in fixed assets related to internal research and development activities	Costs, euros	{RD_EXP_BUI_INS}+{RD_EXP_EQU_ENT}+{RD_EXP_INV2}+{RD_EXP_INV3}	
TOTAL COSTS: current costs + investments	Costs, euros	{RD_EXP_CUR_ENT}+{RD_EXP_INV_ENT}	

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Autosums in table 3.1. SHARES OF COSTS ON TYPES OF INTERNAL RESEARCH AND DEVELOPMENT

Row name	Column name	Formula	Clarification
TOTAL rows 1-3	Costs, euros	{RD_EXP_SCI_BAS}+{RD_EXP_SCI_APP}+{RD_EXP_SCI_EXW}	

Autosums in table 4. FUNDING OF INTERNAL R&D COSTS IN THE REFERENCE YEAR

Row name	Column name	Formula	Clarification
TOTAL funding of internal R&D (equal to Table 3 row 10)	Costs, euros	{RD_EXP_BES}+{RD_EXP_GOV}+{RD_EXP_HES}+{RD_EXP_PNP}+{RD_EXP_BES6}+{RD_EXP_FOR1}+{RD_EXP_FOR2}+{RD_EXP_FOR3}+{RD_EXP_FOR4}	
The value of row 10 in table 3	Costs, euros	{RD_EXP_COS_ENT}	