

Statistical activity code: 21701

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

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

Periodicity: Annual

p. 1/9

Statistics Estonia guarantees the full protection of data submitted.

eSTAT (https://estat.stat.ee/) is for data submission.

Please make sure that you enter data in the correct cell. If you enter alphabetical characters in a number field, a corresponding error message is displayed. In the case of some fields, logic (arithmetic) checks have been applied to prevent data entry mistakes. If there is a conflict in the entered data or they conflict with prefilled data, an error message appears when the table is checked. In the case of errors, review the data carefully and make corrections.

After correcting the data, save changes and check the questionnaire again. If there are no more mistakes, confirm and submit the data by clicking "Confirm" on the last page of the questionnaire. You will be displayed a message that the data have been submitted successfully. If you have any questions, please contact Statistics Estonia's customer service either by phone at +372 625 9300 (Mon–Thu 8:30–16:30, Fri 8:30–15:30) or by e-mail at klienditugi@stat.ee.

#### DATA COLLECTED WITH THE QUESTIONNAIRE

### Table 1.0. GENERAL DATA

If the main goal is to technically improve a product or process, the performed work is classified as R&D. If a product, process or an approach is developed and the main goal of the work is market expansion, pre-production planning or the smooth work of the control system, the activity is not classified as R&D.

R&D is creative systematic work, the aim of which is to obtain new knowledge, including knowledge about man, culture and society, and the implementation of such knowledge.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory   | Code of variable | Explanation   | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|--|------------------|---|---|--|
| 1/1                            | Number of<br>persons employed<br>at the end of the<br>reference period | RD_EMP<br>_P     | No. of persons employed includes all employees working in the undertaking, irrespective of the length of their work week: owners working in the undertaking and their family members working free of charge; full or part time employees; persons who work outside the undertaking (marketing personnel) but belong to the staff of the undertaking and are on payroll; persons temporarily absent from work (sick leaves, paid holidays, educational leaves, on strike); trainees (apprentices), seasonal and remote employees who are on payroll; persons employed under contract for services. Family members working fee of charge are persons who live together with the owner of the undertaking and work regularly in the undertaking without an employment contract and without getting paid. The no. of persons employed does not include the employees of other companies who are active in this undertaking, executing its orders, also persons absent for a longer period of time (parental leave, military service). | Positive integer  |  |
| 2/1                            | Existence of internal R&D costs *                                      | RD_ENT<br>_YES   | Existence of internal R&D costs in the reference period. If the company only outsourced R&D services, the answer to this question is 'No'. The main criterion of R&D is innovativeness and the absence of a solution for a scientific or a technological problem in the early stage of the work. R&D is the research and development work carried out in the company. A broader definition of R&D: if the main goal is to technically improve a product or process, the work performed is classified as R&D. If a product, process or an approach has basically been developed and the main goal of the work is market expansion, pre-production planning or the smooth performance of a control system, the activity is not classified as R&D.   | valik_jah_ei<br>_1v   |  |

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 2/9

# Table 1.1. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT BY EDUCATION AND SEX AND WORKING TIME SPENT ON RESEARCH AND DEVELOPMENT

Number of employees engaged in R&D includes people who are directly related to such activities and spend at least 10% of their working time on the said activities. In columns 1–7, indicate the number of such employees by level of education, sex and category. In column 8, indicate the working time spent on R&D in the reference year in full-time years by category (without the estimated distribution by sex).

| Row<br>code/<br>column<br>code | Name of variable * - mandatory  | Code of variable         | Explanation  | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|--------------------------|--|---|--|
| 1/1                            | Number of<br>employees<br>engaged in R&D<br>at the end of the<br>reference period:<br>total with doctoral<br>degree – men and<br>women  | RD_PER<br>MF_DOC<br>_BES | Number of employees with a doctoral degree engaged in R&D at the end of the reference year – total scientists and engineers, technicians and assistant personnel.        | Positive<br>integer   |  |
| 1/2                            | Number of<br>employees<br>engaged in R&D<br>at the end of the<br>reference period:<br>total with doctoral<br>degree – women   | RD_PER<br>F_DOC_<br>BES  | Number of female employees with a doctoral degree engaged in R&D at the end of the reference year – total scientists and engineers, technicians and assistant personnel. | Positive integer  |  |
| 1/3                            | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with doctoral degree – total   | RD_OTH<br>MF_DOC         | Number of technicians and support staff with a doctoral degree at the end of the reference period.   | Positive integer  |  |
| 1/4                            | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with doctoral degree – women   | RD_OTH<br>F_DOC          | Number of female technicians and support staff with a doctoral degree at the end of the reference period.  | Positive<br>integer   |  |
| 2/1                            | Number of employees engaged in R&D at the end of the reference period: researchers and engineers with a master's degree, academic higher education or professional higher education – total   | RD_RES<br>MF_HIG<br>H    | Number of researchers and engineers with a master's degree, academic higher education or professional higher education at the end of the reference period.               | Positive<br>integer   |  |
| 2/2                            | Number of employees engaged in R&D at the end of the reference period: researchers and engineers with a master's degree, academic higher education or a professional higher education – women | RD_RES<br>F_HIGH         | Number of female researchers and engineers with a master's degree, academic higher education or professional higher education at the end of the reference period.        | Positive<br>integer   |  |

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 3/9

| 2/3 | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with a master's degree, academic higher education or professional higher education – total | RD_OTH<br>MF_HIG<br>H | Number of technicians and support staff with a master's degree, academic higher education or professional higher education at the end of the reference period.        | Positive integer    |  |
|-----|---|-----------------------|---|---------------------|--|
| 2/4 | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with a master's degree, academic higher education or professional higher education – women | RD_OTH<br>F_HIGH      | Number of female technicians and support staff with a master's degree, academic higher education or professional higher education at the end of the reference period. | Positive<br>integer |  |
| 3/3 | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with secondary or professional secondary education or without secondary education — total  | RD_OTH<br>MF_SEC<br>N | Number of technicians and support staff with secondary or professional secondary education or without secondary education at the end of the reference period.         | Positive integer    |  |
| 3/4 | Number of employees engaged in R&D at the end of the reference period: other R&D personnel with secondary or professional secondary education or without secondary education — women  | RD_OTH<br>F_SECN      | Number of female R&D personnel with secondary or professional secondary education or without secondary education at the end of the reference period.                  | Positive<br>integer |  |

# Table 1.2. EMPLOYEES ENGAGED IN RESEARCH AND DEVELOPMENT IN THE COMPANY BY LEVEL OF EDUCATION AT THE END OF THE REFERENCE YEAR

Working time spent on R&D in full-time years in the reference year (estimate). The difference between Table 1.1 and Table 1.2 is that Table 1.2 also takes into account the working time spent on R&D by those employees who are no longer employed at the end of the year or who spent less than 10% of their working time on R&D. In other words, all working time spent on R&D in the reference year is taken into account.

| Row<br>code/<br>column<br>code | Name of variable<br>* - mandatory                              | Code of variable         | Explanation   |                            | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|--|--------------------------|---|----------------------------|--|
| 1/1                            | Working time spent on R&D in the company in full-time years in | RD_RES<br>MF_FTE<br>_ENT | Working time of researchers and engineers spent on R&D in full-time years in the reference year: total men and women. | Positive real number (0,2) |  |

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 4/9

|     | the reference<br>period: total<br>researchers and<br>engineers  |                          |  |                                  |  |
|-----|---|--------------------------|--|----------------------------------|--|
| 2/1 | Working time spent on R&D in full-time equivalent in the reference period: researchers and engineers in business – women        | FTE_RE<br>S_F            | Total working time spent on R&D by female researchers and engineers in the reference year.   | Positive real<br>number<br>(0,2) |  |
| 3/1 | Full-time equivalent (FTE) hours spent on R&D in the reference period: other R&D personnel in scientific areas – total          | RD_OTH<br>MF_FTE<br>_SCF | Full-time equivalent (FTE) hours spent on R&D by technicians and support staff in all scientific areas during the reference period.        | Positive real<br>number<br>(0,2) |  |
| 4/1 | Full-time equivalent (FTE) hours spent on R&D in the reference period: other R&D personnel in scientific areas – women in total | RD_OTH<br>F_FTE_<br>SCF  | Full-time equivalent (FTE) hours spent on R&D by female technicians and support staff in all scientific areas during the reference period. | Positive real<br>number<br>(0,2) |  |

### Table 2. RESEARCHERS AND ENGINEERS BY AGE AT THE END OF THE REFERENCE YEAR

Age distribution of researchers and engineers at the end of the reference year. The total number of researchers and engineers must be equal to the corresponding number in Table 1.1.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory   | Code of variable      | Explanation   | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|--|-----------------------|---|---|--|
| 1/2                            | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>up to 25-year-olds<br>– men and women | RD_RES<br>MF_AGE<br>1 | Number of researchers and engineers aged under 25 at the end of the reference period. | Positive<br>integer   |  |
| 1/3                            | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>25–34-year-olds –<br>men and women    | RD_RES<br>MF_AGE<br>2 | Number of researchers and engineers aged 25–34 at the end of the reference period.    | Positive integer  |  |
| 1/4                            | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>35–44-year-olds –<br>men and women    | RD_RES<br>MF_AGE<br>3 | Number of researchers and engineers aged 35–44 at the end of the reference period.    | Positive<br>integer   |  |
| 1/5                            | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>45–54-year-olds –<br>men and women    | RD_RES<br>MF_AGE<br>4 | Number of researchers and engineers aged 45–54 at the end of the reference period.    | Positive<br>integer   |  |
| 1/6                            | Number of researchers and  | RD_RES<br>MF_AGE      | Number of researchers and engineers aged 55–64 at the end of the reference period.    | Positive integer  |  |

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 5/9

|     | engineers at the<br>end of the<br>reference period:<br>55–64-year-olds –<br>men and women   | 5                     |   |                     |  |
|-----|---|-----------------------|---|---------------------|--|
| 1/7 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>at least 65-year-<br>olds – men and<br>women | RD_RES<br>MF_AGE<br>6 | Number of researchers and engineers aged 65 and over at the end of the reference period.          | Positive<br>integer |  |
| 2/2 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>up to 25-year-olds<br>– women                | RD_RES<br>F_AGE1      | Number of under 25-year-old female researchers and engineers at the end of the reference year.    | Positive integer    |  |
| 2/3 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>25–34-year-olds –<br>women                   | RD_RES<br>F_AGE2      | Number of 25–34-year-old female researchers and engineers at the end of the reference year.       | Positive integer    |  |
| 2/4 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>35–44-year-olds –<br>women                   | RD_RES<br>F_AGE3      | Number of 35–44-year-old female researchers and engineers at the end of the reference year.       | Positive integer    |  |
| 2/5 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>45–54-year-olds –<br>women                   | RD_RES<br>F_AGE4      | Number of 45–54-year-old female researchers and engineers at the end of the reference year.       | Positive integer    |  |
| 2/6 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>55–64-year-olds –<br>women                   | RD_RES<br>F_AGE5      | Number of 55–64-year-old female researchers and engineers at the end of the reference year.       | Positive integer    |  |
| 2/7 | Number of<br>researchers and<br>engineers at the<br>end of the<br>reference period:<br>at least 65-year-<br>olds – women            | RD_RES<br>F_AGE6      | Number of at least 65-year-old female researchers and engineers at the end of the reference year. | Positive integer    |  |

### Table 3. COSTS OF INTERNAL RESEARCH AND DEVELOPMENT

The costs should be estimated taking into account only the share of total costs that is related to R&D. Thus, the labour costs of employees engaged in R&D should reflect only the working time spent on R&D.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory      | Code of variable       | Explanation   | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|-------------------------------------|------------------------|---|---|--|
| 2/1                            | Costs of internal R&D: labour costs | RD_EXP<br>_LAB_E<br>NT | Labour costs (salary expenses, social tax and unemployment insurance premium) – salary expenses of employees engaged in R&D (basic wage or salary, premiums, holiday pay, allowances and other costs related to the employees, which are handled as salary expenses) and the social tax | Positive integer  |  |

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

D.

|     |   |                        | and unemployment insurance premium proportionally with the working time spent on R&D. Also indicate social tax from fringe benefits and calculated holiday reserve.   |                  |  |
|-----|---|------------------------|---|------------------|--|
| 3/1 | R&D costs in organisation – other current costs   | RD_EXP<br>_CUR_O<br>TH | Other current costs – lease and rent of buildings and/or premises, fees for electricity, water and heating, expenditure on the purchase of smaller equipment, instruments, materials and other current assets, business travels, repairs, 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 |  |
| 5/1 | R&D costs in organisation – acquisition, construction and capital repairs of buildings and facilities   | RD_EXP<br>_BUI_IN<br>S | R&D costs (investments) for the acquisition, building and capital repairs of buildings and facilities (incl. for reconstruction or extension), also for the acquisition of land.  | Positive integer |  |
| 6/1 | Funding of internal R&D costs: investments into non-current assets – acquisition of equipment, apparatus, machinery, inventory and means of transport | RD_EXP<br>_EQU_E<br>NT | Costs related to the acquisition of equipment, apparatus, machinery, inventory and means of transport in R&D. If the listed non-current assets are also used in production, then the share of such costs which is related to R&D is also added.   | Positive integer |  |
| 7/1 | Internal R&D costs: investments into non-current assets – acquisition of computers and computer systems   | RD_EXP<br>_ITH         | Acquisition of computers and computer systems only for the purpose of R&D activities. If the listed non-current assets are also used in production, then the share of such costs which is related to R&D is also added.   | Positive integer |  |
| 8/1 | Funding of internal R&D costs: investments into non-current assets – acquisition of intangible fixed assets   | RD_EXP<br>_INV2        | Acquisition of intangible fixed assets – costs on the acquisition special software, licences, patents, etc. necessary for R&D activities.   | Positive integer |  |
| 9/1 | Internal R&D<br>costs: investments<br>into non-current<br>assets – other<br>investments<br>related to R&D   | RD_EXP<br>_INV3        | Other investments related to R&D projects.  | Positive integer |  |

### Table 3.1. SHARES OF COSTS ON TYPES OF INTERNAL RESEARCH AND DEVELOPMENT

R&D costs are divided into three types: basic research – original surveys for obtaining new knowledge, without the aim of immediate implementation of such knowledge; applied research – original surveys with the aim to apply such knowledge in one specific field or for a specific purpose; experimental development – systematic work which is conducted based on the knowledge from basic and applied research for developing a new or improved material, product, process, system or service.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory                                      | Code of variable       | Explanation   | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|------------------------|---|---|--|
| 1/1                            | R&D costs by type of R&D: scientific areas – total basic research   | RD_EXP<br>_SCI_BA<br>S | Total R&D expenditure on basic research by scientific area.   | Positive integer  |  |
| 2/1                            | R&D costs by type of R&D: scientific areas – total applied research | RD_EXP<br>_SCI_AP<br>P | Total R&D expenditure on applied research by scientific area. | Positive integer  |  |
| 3/1                            | R&D costs by type   | RD_EXP                 | Total R&D expenditure on experimental development by          | Positive  |  |

p. 6/9

Contact person: Help desk (contact centre), Phone: 6259 300, E-mail: klienditugi@stat.ee, Postal address: Vabaduse plats 2, 71020 Viljandi

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

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 7/9

| of R&D: scientifi<br>areas – total<br>experimental<br>development | c _SCI_EX | scientific area. | integer |  |
|---|-----------|------------------|---------|--|
| works   |           |                  |         |  |

#### Table 3.2. SHARE OF INTERNAL BIOTECHNOLOGICAL RESEARCH AND DEVELOPMENT

Biotechnology is the application of science and technology in different areas on live organisms and parts thereof, products or models with the aim to make living or inanimate material into knowledge, products or services.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory                | Code of variable       | Explanation | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|------------------------|-------------|---|--|
| 1/1                            | R&D costs by type of R&D: total biotechnology | RD_EXP<br>_SCI_BI<br>O |             | Positive integer  |  |

#### Table 3.3 SHARE OF INTERNAL NANOTECHNOLOGICAL RESEARCH AND DEVELOPMENT

| Row<br>code/<br>column<br>code | Name of variable * - mandatory  | Code of variable        | Explanation                                     | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|-------------------------|---|---|--|
| 1/1                            | R&D costs by type<br>of R&D: total in the<br>field of<br>nanotechnology | RD_EXP<br>_SCI_NA<br>NO | R&D expenditure in the field of nanotechnology. | Positive integer  |  |

#### Table 4. FUNDING OF INTERNAL R&D COSTS IN THE REFERENCE YEAR

In Table 4, the total costs indicated in Tables 3 and 3.1 are distributed by source of funding. Support from the EU, international organisations, foreign countries and non-governmental organisations of foreign countries granted through the state budget is considered funding from the state, not funding from foreign sources.

| Row<br>code/<br>column<br>code | Name of variable * - mandatory  | Code of variable | Explanation  | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|------------------|--|---|--|
| 2/1                            | Funding of R&D costs: enterprise's own funds  | RD_EXP<br>_BES   | R&D expenditure covered by the enterprise's own funds.   | Positive integer  |  |
| 3 / 1                          | Funding of R&D costs: state funds   | RD_EXP<br>GOV    | R&D expenditure covered by state funds.  | Positive integer  |  |
| 4/1                            | Funding of internal R&D costs: higher education institutions and their research organisations | RD_EXP<br>_HES   | Internal R&D costs were funded by higher education institutions or their research organisations.   | Positive integer  |  |
| 5/1                            | Funding of internal R&D costs: non-profit organisations and foundations                       | RD_EXP<br>_PNP   | Internal R&D costs were funded by non-profit organisations or foundations, except ETAg, EAS and those listed under variables RD_EXP_GOV3 and RD_EXP_HES. | Positive integer  |  |
| 6/1                            | Funding of internal R&D costs:  | RD_EXP<br>_BES6  | Internal R&D costs were funded by other Estonian companies.  | Positive integer  |  |

Contact person: Help desk (contact centre), Phone: 6259 300, E-mail: klienditugi@stat.ee, Postal address: Vabaduse plats 2, 71020 Viljandi

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

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

p. 8/9

|        | Estonian companies   |                 |   |                  |  |
|--------|--|-----------------|---|------------------|--|
| 8 / 1  | Funding of internal R&D costs: foreign companies                       | RD_EXP<br>_FOR1 | Internal R&D costs were funded by foreign companies.  | Positive integer |  |
| 9/1    | Funding of internal<br>R&D costs: foreign<br>funds and<br>endowments   | RD_EXP<br>_FOR2 | Internal R&D costs were funded by foreign funds or endowments.  | Positive integer |  |
| 10 / 1 | Funding of internal<br>R&D costs:<br>European Union<br>research grants | RD_EXP<br>_FOR3 | Internal R&D costs were funded by research grants from the European Union.  | Positive integer |  |
| 11 / 1 | Funding of internal R&D costs: other foreign funding                   | RD_EXP<br>_FOR4 | Internal R&D costs were funded by a foreign funding source not listed under variables RD_EXP_FORI1, RD_EXP_FORI2. RD_EXP_FORI3. | Positive integer |  |

#### Table 5. RESEARCH AND DEVELOPMENT PLANNED FOR THE CURRENT YEAR

| Row<br>code/<br>column<br>code | Name of variable * - mandatory  | Code of variable       | Explanation  | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|------------------------|--|---|--|
| 1/1                            | Existence of internal R&D costs in the year following the reference period *      | RD_EXP<br>_YES_N<br>EW | Existence of internal R&D costs in the year following the reference period. If the company only outsourced the R&D service, the answer to this question is no. The main criterion of R&D is innovativeness and the absence of solution for a scientific or a technological problem at the early stage of the work. R&d is the research and development work carried out in the company. The main rule of R&D in a somewhat wider perspective: if the main goal is to technically improve a product or process, the performed work is classified as R&D. If a product, process or an approach is basically developed and the main goal of the work is market expansion, preproduction planning or the smooth work of the control system, the activity is not classified as R&D. | valik_jah_ei<br>_1v   |  |
| 2/1                            | Estimated amount of internal R&D costs in the year following the reference period | RD_EXP<br>_NEW         | Estimated amount of R&D costs in the year following the reference period. The main criterion of R&D is innovativeness and the absence of solution for a scientific or a technological problem at the early stage of the work. R&d is the research and development work carried out in the company. The main rule of R&D in a somewhat wider perspective: if the main goal is to technically improve a product or process, the performed work is classified as R&D. If a product, process or an approach is basically developed and the main goal of the work is market expansion, pre-production planning or the smooth work of the control system, the activity is not classified as R&D.   | Positive integer  |  |

#### Table 6. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE

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<br>code/<br>column<br>code | Name of variable * - mandatory  | Code of variable         | Explanation  | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|---|--------------------------|--|---|--|
| /                              | Number of hours spent on completing the questionnaire and collecting and preparing the necessary data | TAITMIS<br>EAEGTU<br>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  |  |

Contact person: Help desk (contact centre), Phone: 6259 300, E-mail: klienditugi@stat.ee, Postal address: Vabaduse plats 2, 71020 Viljandi

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

Questionnaire code: 11342024 Submitted in: 05.08.2024, data about 2023

\_\_\_\_\_\_p.

| / | Number of minutes spent on completing the questionnaire and collecting and preparing the necessary data | TAITMIS<br>EAEGMI<br>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 |  |
|---|---|----------------------------|--|------------------|--|
|---|---|----------------------------|--|------------------|--|

## Table Y2. Overall assessment on the questionnaire

| Row<br>code/<br>column<br>code | Name of variable * - mandatory                                 | Code of variable | Explanation | Type of data<br>(number of<br>decimals) or<br>list/<br>classification<br>name | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|--|------------------|-------------|---|--|
| /                              | Overall assessment on the ease of completing the questionnaire | TAGASI<br>SY_1   |             | rahulolu_va<br>ga_lihtne_v<br>aga_keeruli<br>ne 5L                            |  |

### Table Y3. Suggestions and comments

| Row<br>code/<br>column<br>code | Name of variable * - mandatory | Code of variable      | Explanation |      | You neet<br>not fill in<br>the value:<br>period,<br>economic<br>activity |
|--------------------------------|--------------------------------|-----------------------|-------------|------|--|
| /                              | Suggestions and comments       | TAGASI<br>S_TESS<br>T |             | Text |  |

p. 9/9