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Statistical activity: 21203

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### Controls and autosums in questionnaire: Livestock farming. Milk

Code of the questionnaire: 11012021 Periodicity: Annual Is submitted: 25.01.2021, data about 2020

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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. Mandatory fields in the questionnaire are marked with a red asterisk.

### CONTROLS

#### Controls in table 1. NUMBER OF DAIRY COWS

| Control ID | Control formula                           | Clarification   | Type of<br>error |
|------------|---|---|------------------|
| 20012      | KUI ({L_VEIS012}>0), SIIS ({L_VEIS402}>0) | Empty field. If there were any dairy cows in holding, please check if the number of dairy cows at the end of the period (Table 1 row 1) and the data on milk production (Table 2 row 2) are both indicated.         | Warning          |
| 20013      | KUI ({L_VEIS012}>0), SIIS ({L_VEIS201}>0) | Empty field. If there were any dairy cows in holding, please check if the number of dairy cows at the end of the period (Table 1 row 1) and annual average number of dairy cows (Table 1 row 2) are both indicated. | Warning          |

# Controls in table 2. PRODUCTION AND USE OF MILK IN THE REPORTING YEAR

| Control ID | Control formula  | Clarification  | Type of<br>error |
|------------|--|--|------------------|
| 14105      | ({L_VEIS712}+{L_VEIS402}+{L_VEIS722})>=({L_VEIS732}<br>}+{L_VEIS742}+{L_VEIS752}+{L_VEIS772}+{L_VEIS782}<br>+{L_VEIS792})      | Inconsistent data: the sum of the quantity of milk in holding at the beginning of the year and the quantity of milk accrued during the year must be larger than or equal to the quantity of milk left the holding. | Warning          |
| 14108      | L_VEIS802}={L_VEIS712}+{L_VEIS402}+{L_VEIS722}-<br>{L_VEIS732}-{L_VEIS742}-{L_VEIS752}-{L_VEIS772}-<br>{L_VEIS782}-{L_VEIS792} | The balance of milk does not match. See the checksum on row 11. Check all data in Table 2.   | Error            |

#### Controls in table 3. DAIRY PRODUCTS PRODUCED IN A HOLDING IN THE REPORTING YEAR

| Control ID | Control formula                           | Clarification   | Type of<br>error |
|------------|---|---|------------------|
| 14112      | KUI ({L_VEIS911}>0), SIIS ({L_VEIS912}>0) | Empty field. If the quantity of milk used for producing butter is indicated (Table 3 column 3 row 1), the quantity of produced butter must also be indicated (Table 3 column 2 row 1).      | Warning          |
| 14113      | KUI ({L_VEIS912}>0), SIIS ({L_VEIS911}>0) | Empty field. If the quantity of produced butter is indicated (Table 3 column 2 row 1), the quantity of milk used for producing this butter must also be indicated (Table 3 column 3 row 1). | Warning          |
| 14114      | KUI ({L_VEIS922}>0), SIIS ({L_VEIS921}>0) | Empty field. If the quantity of produced cheese is indicated (Table 3 column 2 row 2), the quantity of milk used for producing this cheese must also be indicated (Table 3 column 3 row 2). | Warning          |

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| 14115 | KUI ({L_VEIS932}>0), SIIS ({L_VEIS931}>0)        | Empty field. If the quantity of produced curd is indicated (Table 3 column 2 row 3), the quantity of milk used for producing this curd must also be indicated (Table 3 column 3 row 3).                                    | Warning |
|-------|--|--|---------|
| 14116 | KUI ({L_VEIS942}>0), SIIS ({L_VEIS941}>0)        | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 4), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 3 row 4).                         | Warning |
| 14117 | KUI ({L_VEIS952}>0), SIIS ({L_VEIS951}>0)        | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 5), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 3 row 5).                         | Warning |
| 14118 | KUI ({L_VEIS962}>0), SIIS ({L_VEIS961}>0)        | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 6), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 3 row 6).                         | Warning |
| 14119 | KUI ({L_VEIS942}>0), SIIS ({L_VEISTOODE1}!=NULL) | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 4), the name of this dairy product must also be indicated (Table 3 column 1 row 4).   | Warning |
| 14120 | KUI ({L_VEIS952}>0), SIIS ({L_VEISTOODE2}!=NULL) | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 5), the name of this dairy product must also be indicated (Table 3 column 1 row 5).   | Warning |
| 14121 | KUI ({L_VEIS962}>0), SIIS ({L_VEISTOODE3}!=NULL) | Empty field. If the quantity of a dairy product is indicated (Table 3 column 2 row 6), the name of this dairy product must also be indicated (Table 3 column 1 row 6).   | Warning |
| 14122 | KUI ({L_VEIS941}>0), SIIS ({L_VEISTOODE1}!=NULL) | Empty field. If the quantity of milk used as raw material is indicated (Table 3 column 3 row 4), the name of this dairy product must also be indicated (Table 3 column 1 row 4).   | Warning |
| 14123 | KUI ({L_VEIS951}>0), SIIS ({L_VEISTOODE2}!=NULL) | Empty field. If the quantity of milk used as raw material is indicated (Table 3 column 3 row 5), the name of this dairy product must also be indicated (Table 3 column 1 row 5).   | Warning |
| 14124 | KUI ({L_VEIS961}>0), SIIS ({L_VEISTOODE3}!=NULL) | Empty field. If the quantity of milk used as raw material is indicated (Table 3 column 3 row 6), the name of this dairy product must also be indicated (Table 3 column 1 row 6).   | Warning |
| 21867 | KUI ({L_VEIS911}>0), SIIS ({L_VEIS912}>0)        | Empty field. If the quantity of milk used for producing butter is indicated (Table 3 column 3 row 1), the quantity of produced butter must also be indicated (Table 3 column 2 row 1).                                     | Warning |
| 22208 | KUI ({L_VEIS911}>0), SIIS ({L_VEIS912}>0)        | Empty field. If the quantity of milk used for producing butter is indicated (Table 3 column 3 row 1), the quantity of produced butter must also be indicated (Table 3 column 2 row 1).                                     | Warning |
| 22209 | KUI ({L_VEIS921}>0), SIIS ({L_VEIS922}>0)        | Empty field. If the quantity of milk used for producing cheese is indicated (Table 3 column 3 row 2), the quantity of produced cheese must also be indicated (Table 3 column 2 row 2).                                     | Warning |
| 22210 | KUI ({L_VEIS931}>0), SIIS ({L_VEIS932}>0)        | Empty field. If the quantity of milk used for producing curd is indicated (Table 3 column 3 row 3), the quantity of produced curd must also be indicated (Table 3 column 2 row 3).   | Warning |
| 22211 | KUI ({L_VEIS941}>0), SIIS ({L_VEIS942}>0)        | Empty field. If the quantity of milk used for producing a dairy product is indicated (Table 3 column 3 row 4), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 2 row 4). | Warning |
| 22212 | KUI ({L_VEIS951}>0), SIIS ({L_VEIS952}>0)        | Empty field. If the quantity of milk used for producing a dairy product is indicated (Table 3 column 3 row 5), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 2 row 5). | Warning |
| 22213 | KUI ({L_VEIS961}>0), SIIS ({L_VEIS962}>0)        | Empty field. If the quantity of milk used for producing a dairy product is indicated (Table 3 column 3 row 6), the quantity of milk used for producing this dairy product must also be indicated (Table 3 column 2 row 6). | Warning |

## Controls in table 4. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE

| Control ID | Control formula                           | Clarification  | Type of<br>error |
|------------|---|--|------------------|
| 20178      | {TAITMISEAEGMINUTIT}<=59                  | Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.  | Error            |
| 20179      | {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            |
| 20180      | {TAITMISEAEGTUNDI}<=999                   | Maximum permitted value is 999 hours.  | Error            |

#### **Controls across tables**

| Control ID | Control formula | Clarification | Type of |
|------------|-----------------|---------------|---------|
|            |                 |               |         |

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|       |  |   | error |
|-------|--|---|-------|
| 14102 | KUI(({L_VEIS201}>0 JA {L_VEIS402}>0) JA<br>((ROUND({L_VEIS402}*1000/{L_VEIS201})<=4000 VÕI<br>ROUND({L_VEIS402}*1000/{L_VEIS201})>=12000))),<br>SIIS({PMSELGITUS}!=NULL)                                 | Please make sure that the data on milk production (Table 2 row 2) and the annual average number of dairy cows (Table 1 row 2) are correct, the average yield per cow is usually between 4,000 kg and 12,000 kg. | Error |
| 14103 | ({/L_VEIS402}>0 JA {L_VEIS201}>0) VÕI ({L_VEIS402}=0<br>JA {L_VEIS201}=0)  | Empty field. If the annual average number of dairy cows is indicated (Table 1 row 2), milk production in natural weight must also be indicated (Table 2 row 2).   | Error |
| 14104 | ({/L_VEIS402}>0 JA {L_VEIS201}>0) VÕI ({L_VEIS402}=0<br>JA {L_VEIS201}=0)  | Empty field. If milk production in natural weight is indicated (Table 2 row 2), the annual average number of dairy cows must also be indicated (Table 1 row 2).   | Error |
| 24229 | KUI ({L_VEIS912}+<br>{L_VEIS922}+{L_VEIS932}+{L_VEIS942}+{L_VEIS952}+{<br>L_VEIS962}+{L_VEIS911}+{L_VEIS921}+{L_VEIS931}+{L<br>_VEIS941}+{L_VEIS951}+{L_VEIS961}>0), SIIS<br>({L_VEIS722}+{L_VEIS772}>0) | Empty field. If cow milk products produced in holding are indicated (Table 3), the quantity of milk must also be indicated (Table 2 row 3 and/or 7).  | Error |

#### AUTOSUMS

#### Autosums in table 2. PRODUCTION AND USE OF MILK IN THE REPORTING YEAR

| Row name                 | Column name   | Formula   | Clarification   |
|--------------------------|---|---|---|
|                          | Milk in natural<br>weight, t (with<br>precision 0.01) | {L_VEIS712}+{L_VEIS402}+{L_VEIS722}-{L_VEIS732}-{L_VEIS742}-{L_VEIS752}-{L_VEIS772}-<br>{L_VEIS782}-{L_VEIS792} | Checksum (Stock (residue) of milk<br>at the end of the period) =<br>L_VEIS712+L_VEIS402+L_VEIS7<br>22-L_VEIS732-L_VEIS742-<br>L_VEIS752-L_VEIS772-<br>L_VEIS782-L_VEIS792 |
| Average yield per cow, t | Milk in natural<br>weight, t (with<br>precision 0.01) | {L_VEIS402}/{L_VEIS201}   | Cannot be filled in by the respondent. If filled in online, the calculations are performed automatically.   |

# Autosums in table 3. DAIRY PRODUCTS PRODUCED IN A HOLDING IN THE REPORTING YEAR

| Row name | Column name       | Formula   | Clarification |
|----------|-------------------|---|---------------|
|          | Quantity of milk  | {L_VEIS911}+{L_VEIS921}+{L_VEIS931}+{L_VEIS941}+{L_VEIS951}+{L_VEIS961} |               |
|          | used as raw       |   |               |
|          | material, t (with |   |               |
|          | precision 0.01)   |   |               |