

# TAIEX Expert Mission on Agricultural statistics

*Organised in co-operation with  
National Bureau of Statistics*

**20 - 24 November 2023**

**Venue:**  
*National Bureau of Statistics  
Grenoble str. 106, Chisinau*

**Beneficiary:**  
*Moldova*

TAIEX Case ID INT MARKT IND/EXP 84896

# TAIEX

MOVING FORWARD TOGETHER WITH EU EXPERTISE

## **Aim of the Expert Mission:**

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The aim of this expert mission is to share experience and best practice on agricultural statistics. During the event, the goal is to discuss and raise awareness of the strengths of the National Bureau of Statistics' (NBS) agricultural statistics production process and of the areas where improvement is still needed to align the agricultural statistics with EU legal acts in statistics.

## **Experts:**

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- **Ms Dima Ioana**  
Director - Directorate of Agricultural and Environmental Statistics  
General Directorate of Economic Statistics  
National Institute of Statistics (NIS), Romania
  - **Mr Alexandru Marius Brodeala**  
Head of Service - Service of Land use, Vegetable Production, Livestock and Animal  
Production Statistics  
General Directorate of Economic Statistics  
National Institute of Statistics (NIS), Romania
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*See [https://ec.europa.eu/neighbourhood-enlargement/sites/near/files/taix\\_privacy\\_statement\\_online.pdf](https://ec.europa.eu/neighbourhood-enlargement/sites/near/files/taix_privacy_statement_online.pdf)*

## Day 1: Monday 20 November 2023

**Chair: Ms Ludmila Lungu - Head of the Agriculture and Environment Statistics Division,  
National Bureau of Statistics**

Local time	
9:00 – 9:30	<i>Registration of participants</i>
9:30 – 10:00	<b>Welcome and introduction:</b> <ul style="list-style-type: none"><li>– <b>Mr Oleg Cara</b> – General Director of National Bureau of Statistics, Moldova</li><li>– <b>Mr Iurie Mocanu</b> – Deputy General Director of National Bureau of Statistics, Moldova</li><li>– <b>Ms Dima Ioana</b>, Director, Directorate of Agricultural and Environmental Statistics, General Directorate of Economic Statistics, National Institute of Statistics, Romania</li><li>– <b>Mr Alexandru Marius Brodeala</b>, Head of Service, Service of Land use, Vegetable Production, Livestock and Animal Production Statistics, General Directorate of Economic Statistics, National Institute of Statistics, Romania</li></ul>
10:00 – 11:00	<b>The current situation regarding Agricultural Statistics in the Republic of Moldova - general aspects</b> <ul style="list-style-type: none"><li>• The current structure of Agricultural Statistics</li><li>• Data collection and processing centers/regions</li><li>• Data collection in the sample surveys of small agricultural producers</li><li>• Data validation and generalization</li><li>• Data dissemination</li></ul> <p><b>Speaker:</b> Ms Ludmila Lungu</p>
11:00 – 11:15	<i>Break</i>
11:15 – 12:30	<b>The current situation in crop statistics</b> <ul style="list-style-type: none"><li>• Methodological principles of crop statistics</li><li>• Current surveys regarding crop statistics</li><li>• Types of crop producers</li><li>• Data collection</li><li>• Data processing</li><li>• Data validation</li><li>• Elaboration of generalized data</li></ul> <p><b>Speakers:</b> Ms Aurora Garabajiu, Head of Agriculture Statistics Section, NBS, Moldova; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
12:30 – 14:00	<i>Lunch break</i>

	<i>Please be reminded to sign the attendance list</i>
<b>14:00 – 14:45</b>	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Agricultural areas of annual and permanent crops</li> <li>• Statistical data</li> <li>• Administrative data sources</li> <li>• Structure of agricultural holdings <ul style="list-style-type: none"> <li>• by the land utilization</li> <li>• by the land location</li> </ul> </li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<b>14:45 – 15:15</b>	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Gross harvest of annual and permanent crops</li> <li>• Calculations performed regarding average harvest per hectare of annual and permanent crops</li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<b>15:15 – 15:30</b>	<i>Break</i>
<b>15:30 – 17:00</b>	<p><b>Sample surveys of small agricultural producers</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of sample surveys</li> <li>• The current structure of network</li> <li>• The organization of the activity in the field</li> <li>• Communication with respondents</li> <li>• Data collection and processing centers/regions</li> <li>• Data validation</li> <li>• Data extrapolation</li> </ul> <p><b>Speakers:</b>  Ms Elvina Butmalai, Deputy Head of Agriculture and Environment Division NBS, Moldova;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<b>17:00 – 17:15</b>	AOB and wrap up of day 1

## Day 2: Tuesday 21 November 2023

**Chair: Ms Ludmila Lungu - Head of the Agriculture and Environment Statistics Division,  
National Bureau of Statistics**

<i>Local time</i> 9:00 – 9:30	<i>Registration of participants</i>
9:30 – 10:30	<p><b>The current situation regarding the livestock statistics</b></p> <ul style="list-style-type: none"><li>• Methodological principles of livestock statistics</li><li>• Current surveys regarding livestock statistics</li><li>• Types of livestock producers</li><li>• Data collection</li><li>• Data processing</li><li>• Data validation</li><li>• Elaboration of generalized data</li></ul> <p><b>Speakers:</b> Ms Aurora Garabajiu; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
10:30 – 10:45	<i>Break</i>
10:45 – 11:45	<p><b>Continuation</b></p> <ul style="list-style-type: none"><li>• Methodological principles of livestock statistics</li><li>• Current surveys regarding livestock statistics</li><li>• Types of livestock producers</li><li>• Data collection</li><li>• Data processing</li><li>• Data validation</li><li>• Elaboration of generalized data</li></ul> <p><b>Speakers:</b> Ms Aurora Garabajiu; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>

<p><b>11:45 – 12:30</b></p>	<p><b>Calculation of agricultural gross production</b></p> <ul style="list-style-type: none"> <li>• Crop production <ul style="list-style-type: none"> <li>• Data sources</li> <li>• Calculations in comparable prices</li> <li>• Calculations in current prices</li> </ul> </li> <li>• Animal production <ul style="list-style-type: none"> <li>• Data sources</li> <li>• Calculations in comparable prices</li> <li>• Calculations in current prices</li> </ul> </li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<p><b>12:30 – 14:00</b></p>	<p><i>Lunch break</i>  <i>Please be reminded to sign the attendance list</i></p>
<p><b>14:00 – 14:45</b></p>	<p><b>Food balance sheets</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of elaboration of Food balance sheets</li> <li>• Data sources and imputation methods</li> <li>• Formation of articles</li> <li>• Products list</li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<p><b>14:45 – 15:15</b></p>	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of elaboration of Food balance sheets</li> <li>• Data sources and imputation methods</li> <li>• Formation of articles</li> <li>• Products list</li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<p><b>15:15 – 15:30</b></p>	<p><i>Break</i></p>

<b>15:30 – 17:00</b>	<p><b>General Agricultural Census</b></p> <ul style="list-style-type: none"> <li>• Agricultural module in PHC 2024 <ul style="list-style-type: none"> <li>• Questions regarding agricultural land</li> <li>• Questions regarding livestock</li> <li>• Improvement of Agricultural module after conducting of pilot PHC</li> </ul> </li> <li>• Initiation of preparatory work for the General Agricultural Census, round 2030</li> </ul> <p><b>Speakers:</b>  Ms Ludmila Lungu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<b>17:00 – 17:15</b>	AOB and wrap up of day 2

## Day 3: Wednesday 22 November 2023

**Chair: Ms Ludmila Lungu - Head of the Agriculture and Environment Statistics Division,  
National Bureau of Statistics**

<i>Local time</i> <b>9:00 – 9:30</b>	<i>Registration of participants</i>
<b>9:30 – 10:30</b>	<p><b>Economic calculations in agriculture</b></p> <ul style="list-style-type: none"> <li>• Calculation of production account</li> <li>• Crops Gross Production</li> <li>• Livestock Gross Production</li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>
<b>10:30 – 10:45</b>	<i>Break</i>
<b>10:45 – 11:45</b>	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Calculation of production account</li> <li>• Intermediate consumption</li> <li>• Data sources</li> <li>• Methods of calculation performed</li> </ul> <p><b>Speakers:</b>  Ms Aurora Garabajiu;  Ms Dima Ioana;  Mr Alexandru Marius Brodeala</p>

11:45 – 12:30	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Calculation of gross production account of goods</li> <li>• by types of crops products</li> <li>• by types of animal products</li> <li>• data sources</li> <li>• methods of calculations</li> </ul> <p><b>Speakers:</b> Ms Aurora Garabajiu; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
12:30 – 14:00	<p><i>Lunch break</i> <i>Please be reminded to sign the attendance list</i></p>
14:00 – 14:45	<p><b>Continuation</b></p> <p>- Growth of young perennial plantations in current prices</p> <ul style="list-style-type: none"> <li>• data sources</li> <li>• methods of calculations</li> </ul> <p><b>Speakers:</b> Ms Aurora Garabajiu; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
14:45 – 15:15	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Consumption and production expenses (works, services) for agriculture and fishing</li> <li>• data sources</li> <li>• methods of calculations</li> </ul> <p><b>Speakers:</b> Ms Aurora Garabajiu; Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
15:15 – 15:30	<p><i>Break</i></p>
15:30 – 17:00	<p><b>Discussions</b></p> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
17:00 – 17:15	<p>AOB and wrap up of day 3</p>



## Day 4: Thursday 23 November 2023

**Chair: Ms Ludmila Lungu - Head of the Agriculture and Environment Statistics Division,  
National Bureau of Statistics**

<i>Local time</i> 9:00 – 9:30	<i>Registration of participants</i>
9:30 – 10:30	<b>Organisation of Agriculture Statistics in NIS according to EU Regulations; Crop statistics</b> <ul style="list-style-type: none"><li>• The current structure of Crop Statistics</li><li>• Data collection and processing</li><li>• Use of Administrative Data Sources (from Ministry of Agriculture, etc.)</li><li>• Calculations performed</li><li>• Reporting to Eurostat</li></ul> <b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala
10:30 – 10:45	<i>Break</i>
10:45 – 11:45	<b>Organisation of Agriculture Statistics in NIS according to EU Regulations; Livestock statistics</b> <ul style="list-style-type: none"><li>• The current structure of Livestock Statistics</li><li>• Data collection and processing</li><li>• Use of Administrative Data Sources (from Ministry of Agriculture, etc.)</li><li>• Calculations performed</li><li>• Reporting to Eurostat</li></ul> <b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala
11:45 – 12:30	<b>Organisation of Agriculture Statistics in NIS according to EU Regulations; Agricultural price statistics</b> <ul style="list-style-type: none"><li>• Data sources</li><li>• Data collection and processing</li><li>• Data validation</li><li>• Calculations performed</li><li>• Reporting to Eurostat</li></ul> <b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala
12:30 – 14:00	<i>Lunch break</i> <i>Please be reminded to sign the attendance list</i>

<p><b>14:00 – 14:45</b></p>	<p><b>Elaboration of Food balance sheets</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of elaboration of Food balance sheets</li> <li>• Data sources and imputation methods</li> <li>• Formation of articles</li> <li>• Products list</li> </ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
<p><b>14:45 – 15:15</b></p>	<p><b>Economic calculations in agriculture - agricultural production accounts</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of agricultural production accounts</li> <li>• Gross production</li> <li>• Intermediate consumption</li> <li>• Calculation of gross production of goods by types of crops and animal products</li> <li>• Growth of young perennial plantations in current prices</li> <li>• Consumption and production expenses (works, services) for agriculture and fishing</li> </ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
<p><b>15:15 – 15:30</b></p>	<p><i>Break</i></p>
<p><b>15:30 – 17:00</b></p>	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Methodological principles of agricultural production accounts</li> <li>• Gross production</li> <li>• Intermediate consumption</li> <li>• Calculation of gross production of goods by types of crops and animal products</li> <li>• Growth of young perennial plantations in current prices</li> <li>• Consumption and production expenses (works, services) for agriculture and fishing</li> </ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala</p>
<p><b>17:00 – 17:15</b></p>	<p>AOB and wrap up of day 4</p>

## Day 5: Friday 24 November 2023

**Chair: Ms Ludmila LUNGU - Head of the Agriculture and Environment Statistics Division, National Bureau of Statistics**

<i>Local time</i> 9:00 – 9:30	<i>Registration of participants</i>
9:30 – 10:30	<p><b>Discussion of the level of correspondence of Agriculture Statistics in the Republic of Moldova with EU Regulations and experts' recommendations</b></p> <ul style="list-style-type: none"><li>- Crop statistics - Regulation (EC) No <a href="#">543/2009</a> of the European Parliament and of the Council of 18 June 2009 concerning crop statistics- Livestock statistics - Regulation (EC) No 1165/2008 of the European Parliament and of the Council of 19 November 2008 concerning livestock and meat statistics</li><li>- Farm Structure Survey - Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods</li></ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala All participants</p>
10:30 – 10:45	<i>Break</i>
10:45 – 11:45	<p><b>Continuation</b> Discussion of the level of correspondence of Agriculture Statistics in the Republic of Moldova with EU Regulations and experts' recommendations</p> <ul style="list-style-type: none"><li>- Crop statistics - Regulation (EC) No <a href="#">543/2009</a> of the European Parliament and of the Council of 18 June 2009 concerning crop statistics- Livestock statistics - Regulation (EC) No 1165/2008 of the European Parliament and of the Council of 19 November 2008 concerning livestock and meat statistics</li><li>- Farm Structure Survey - Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods</li></ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala All participants</p>

11:45 – 12:30	<p><b>Continuation</b> Discussion of the level of correspondence of Agriculture Statistics in the Republic of Moldova with EU Regulations and experts' recommendations</p> <p>- Crop statistics - Regulation (EC) No <a href="#">543/2009</a> of the European Parliament and of the Council of 18 June 2009 concerning crop statistics- Livestock statistics - Regulation (EC) No 1165/2008 of the European Parliament and of the Council of 19 November 2008 concerning livestock and meat statistics</p> <p>- Farm Structure Survey - Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods</p> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala All participants</p>
12:30 – 14:00	<p><i>Lunch break</i></p> <p><i>Please be reminded to sign the attendance list</i></p>
14:00 – 14:45	<p><b>Elaboration of Road Map</b></p> <ul style="list-style-type: none"> <li>• Discussing the next steps</li> <li>• Developing the necessary action plan (Road Map)</li> </ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala All participants</p>
14:45 – 15:15	<p><b>Continuation</b></p> <ul style="list-style-type: none"> <li>• Results of the expert mission</li> <li>• Conclusions and proposals</li> </ul> <p><b>Speakers:</b> Ms Dima Ioana; Mr Alexandru Marius Brodeala All participants</p>
15:15 – 15:30	<p><i>Break</i></p>
15:30 – 17:00	<p><b>Meeting of experts with the NBS management</b></p> <p>Mr Oleg Cara Mr Iurie Mocanu Ms Dima Ioana Mr Alexandru Marius Brodeala</p>
17:00 – 17:15	<p>End of the Expert Mission</p>

# TAIEX

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Annual Activity Report

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