



# Deliverable 1.2: Consolidated database on support to agriculture

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## 1. INTRODUCTION

The objective of Work package (WP) 1 is to systematically collect, process, qualify and document data and information needed for the analyses of agricultural, trade and policy developments. The main task is to build a consolidated database for the 8 countries addressed in AGRICIS TRADE (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Moldova, Russia and Ukraine) in which relevant statistics and policy datasets are presented using a uniform approach.

In the first step, data were collected for the needs of country reviews of agri-food sector under WP2. In this framework, policy databases on support to agriculture by country as well as consolidated databases with the standardised tables were created and made available to all partners in the project.

The paper gives an overview of policy database creation, starting from a brief explanation of our general approach, a description of the template used for policy inventory, the data collection and revision process of draft datasets, as well as a technical presentation of how the policy database is organised and its content. At the end, some future steps for further upgrading of the consolidated databases on support to agriculture are outlined.

## 2. POLICY DATABASE CREATION

### 2.1 General approach

In most countries in the region there is no systematic regularly available data on agricultural support measures enabling qualitative and quantitative evaluation of agricultural policies by country as well as standardised comparison among each other and with the European Union (EU). The exemptions are Kazakhstan, Russia and Ukraine for which the OECD calculates the indicators of support in the framework of monitoring and evaluation of agricultural policy in non-OECD countries (emerging economies) (OECD, 2013). Giving that for these three countries all data are available in the OECD Producer and Consumer Support Estimates (PSE/CSE) database (OECD, 2014a) the decision was made to collect policy data also for other countries in the region in a way which enables systemization and qualification of support to agriculture according to the basic principles of the OECD PSE/CSE methodology (OECD, 2014b). Using such approach, for Kazakhstan, Russia and Ukraine relevant data can be extracted directly from the OECD PSE/CSE database (no need for additional data collection) while for other countries comparable policy databases can be created based on policy measures inventory prepared by partners using a common template.

### 2.2 Policy inventory

Partners from Armenia, Azerbaijan, Belarus, Georgia and Moldova were asked to identify policy measures which support agriculture taking into account general principles of the OECD PSE/CSE methodology and collect data and information on implemented measures and associated budgetary and other transfers from all relevant sources for the period from 2004 onwards. As data collection may be a demanding process, partners were suggested to start with the most recent year (2013) and go back as far as possible.

The template for collecting data on support to agriculture covered market and other non-budgetary measures as well as all budgetary transfers related to the agri-food sector. It was organized in several sheets taking into account basic requirements of the OECD PSE/CSE classification system, but using a simplified approach. To help partners identify measures to be included under each group of measures general instruction were prepared together with several examples. For more information and examples the OECD PSE/CSE database was referenced.

**Table 1. Policy inventory template**

<b>Measure group</b>	<b>Type of measures to be included</b>
Market price support measures	Administrative price control, import tariffs, trade restrictions on imports and exports, export promotion measures ...
Public purchases and stockholding of agricultural products	Budgetary transfers to cover the costs of storage, depreciation and disposal of public storage of agricultural products. It includes cost of public stockholding related to market interventions (intervention storage) and storage of strategic reserves (stockholding for food security purposes, state reserves). Expenditures related to buying into stocks should not be included. (OECD definition)
Consumer support measures	Direct support related to purchase, marketing, processing or consumption of agricultural products provided to mills, dairies, slaughterhouses, etc.; co-financing of food industry investments in the processing and marketing of agri-food products, introduction of food quality and food safety standards.....
Direct producer support measures	Price supplements; payments per ha, animal or farm; all forms of input subsidies relating to current production, including tax concessions as well as exceptional payments such as natural disaster payments, compensation payments related to animal and plant disease eradication, income or revenue related payments...
On farm restructuring support	On-farm investment support, including investments in permanent crop plantations, irrigation, drainage and other long term land improvement investments on the farm; support to facilitate the initial establishment and the structural adjustment of holdings...
Other support	Public investments into hydrological infrastructure (irrigation and drainage networks); off-farm storage and other market infrastructure (silos, harbor facilities - docks, elevators, wholesale markets.); building and maintenance of institutional infrastructure; support to collective marketing schemes and marketing facilities; assistance to collective promotion of agri-food products (promotion campaigns, participation on international fairs...); financing research and development activities related to agriculture; agricultural vocational training and agricultural education programs, extension, advisory and expert services, food safety and quality control (agricultural product safety, pest and disease control, input control)....

The market price support template sheets were designed to provide information on trade policies (e.g. import tariffs for representative products) and other market measures affecting domestic market prices (e.g. type of measure, products covered, period of existence).

Template sheets of other measure groups were created to collect data on measures creating budgetary transfers to agriculture in the form of explicit budgetary expenditures (e.g. direct payments, investment grants, co-financing of services and projects) or budgetary revenue forgone (e.g. tax concessions, preferential lending, debt concessions, discounted prices etc.). For budget related measures, apart from data on executed support amounts, some key information such as description of main characteristics of the measure, type of payment, general conditions, products covered, etc. was required to enable further adjustment of budgetary support items to the basic OECD PSE/CSE classification scheme.

## **2.3 Data processing and qualification**

All countries provided first draft policy inventory datasets according to an agreed time-table (June 2014). For some countries, the budgetary support datasets were not complete in terms of measures covered (Armenia, Azerbaijan, Moldova), and compiled for shorter time period (all except Georgia). The content of indicated measures was not always clear. Measures were mostly not classified according to instructions.

In the process of revision partners were asked to provide missing data as well as additional explanation for some measures (more detailed description) needed to clarify in which classification category the measure belongs. Giving that collecting of policy data is a complex task, especially for non-specialists in this field, not all partners have managed to fill-in all data gaps.

In the revised version of the policy inventory files by country all measures connected with the budgetary transfers were merged into one sheet (TOTAL) to simplify further management of datasets. Based on provided information, a classification group according to the OECD PSE/CSE basic classification scheme was attributed to each measure.

After approval by partners, policy inventory files were reorganized in policy databases using the same approach for all countries.

## 2.4 Database creation

Policy databases were created with the aim to help identify and present the main characteristics of the agricultural policy in each country and to unify the approach to policy analysis in country reviews and in the synthesis policy report.

In this context, in the sheet TOTAL along with the codes referring to the OECD PSE categories (e.g. B1 Variable input use) and GSSE categories (e.g. H Agricultural knowledge and innovation system) some other codes for attributes relevant for analysis of policy were added. These codes refer to a subgroup of some categories (e.g. fertilizers and pesticides), type of transfer (e.g. tax related), commodity (e.g. wheat, all crops), and source of transfer (e.g. state budget).

Based on the sheet TOTAL, some derived tables and figures were prepared.

In the aggregate table on budgetary support to agriculture (sheet TABLES), measures (explicit and implicit budgetary transfers) are aggregated according to the basic OECD PSE/CSE classification principles into:

- Budgetary transfers to producers (PSE BOT), further presented by main PSE categories (according to implementation criteria)
- Budgetary transfers to general services (GSSE BOT), further presented by main GSSE categories (according to the nature of the service), and
- Budgetary transfers to consumers (CSE BOT).

In this table, total budgetary transfers are expressed also in relative terms as a share of the total value of production (% Total BOT).

The composition of total budgetary support by the recipient economic group and its categories is presented also in pre-defined figures (sheet GRAPHS). Where relevant, also some country-specific tables and figures are prepared illustrating additional breakdown of selected items by other attributes (sheet SPECIFICS).

Detail policy data (sheet TOTAL) are presented in national currency. All derived tables and pictures can be expressed in national currency or automatically converted to USD or EUR by simple change of currency code.

For Kazakhstan, Russia and Ukraine, comparable policy databases were created using primary data extracted from the OECD PSE/CSE database. For these countries (and other emerging economies) the OECD PSE/CSE database is up-dated biannually. The actual database covers the period up to 2012, with the data for 2012 being provisional. The data were extracted from the year 2004 on. As the database for emerging economies is up-dated biannually, changes in the definition of the General Services Support Estimate (GSSE) and its categories which were adopted in 2014 (OECD, 2014c) have not yet been taken into account in the OECD PSE/CSE database for these countries. To enable comparison with other countries in the region and with the EU, an attempt was made to adjust the old classification to the new GSSE categories also for these countries. In the framework of re-classification of GSSE measures, the policy transfers which can be clearly identified as support to the downstream sector individually (e.g.

investment support to processing industry) were considered to be transfers to consumers (CSE BOT) and not transfers to general services (GSSE) as in the original database.

Apart from the pre-defined tables and figures relating to budgetary support to agriculture, the policy databases for Kazakhstan, Russia and Ukraine contain also the aggregate table on market price support (total and by commodity) calculated as a share of the total value of agricultural production (sheet %MPS).

Completed policy databases by country were sent to partners in the autumn 2014 and up-loaded to the AGRICISTRADO project website's private area (<http://www.agricistrade.eu/partners-area>).

### 3. CONSOLIDATED DATABASE ON SUPPORT TO AGRICULTURE

For each country a consolidated database on support to agriculture was created based on completed policy datasets. It contains derived aggregate tables with data on budgetary support to agriculture, and for Kazakhstan, Russia and Ukraine also the aggregate tables on market price support.

Apart from Kazakhstan, Russia and Ukraine, the most complete consolidated database in terms of measures covered is, so far, available for Armenia, Belarus, and Georgia. Moldova policy database does not contain general support measures, while in Azerbaijan's policy database only some direct producer support measures are specified. Consolidated policy database covers different time periods, depending on the country (Armenia and Azerbaijan: 2007-2013, Belarus: 2011-2012, Georgia: 2004-2013, Moldova: 2006-2013, Kazakhstan, Russia and Ukraine: 2004-2012).

The consolidated policy database by country is presented in the Annex and in the AGRICISTRADO project website's private area (<http://www.agricistrade.eu/partners-area>).

### 4. FUTURE STEPS

Future steps in finalizing the consolidated database on support to agriculture are:

- Final checking, updating and upgrading of existing policy datasets
- Revealing the possibilities for inquiring into and estimating some missing data and indicators
- Upgrading the consolidated policy database with improved datasets and making it publicly available.

### 5. REFERENCES

OECD (2013), *Agricultural Policy Monitoring and Evaluation 2013: OECD Countries and Emerging Economies*, OECD Publishing, Paris. DOI: [http://dx.doi.org/10.1787/agr\\_pol-2013-en](http://dx.doi.org/10.1787/agr_pol-2013-en)

OECD (2014a), Agricultural policies and support: Producer and Consumer Support Estimates database – Country files. [www.oecd.org/agriculture/pse](http://www.oecd.org/agriculture/pse)

OECD (2014b), Agricultural policies and support: Producer and Consumer Support Estimates database – Introduction to the PSE and related indicators. [www.oecd.org/agriculture/pse](http://www.oecd.org/agriculture/pse)

OECD (2014c), Agricultural policies and support: Producer and Consumer Support Estimates database – Overview of the main changes in the General Services Support Estimate (2014). [www.oecd.org/agriculture/pse](http://www.oecd.org/agriculture/pse)

## 6. ANNEX

### Armenia

**Annex Table 1. Armenia: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2007-2013 (USD million)**

	2007	2008	2009	2010	2011	2012	2013
<b>Transfers to producers (PSE BOT)</b>	<b>18.1</b>	<b>26.4</b>	<b>23.9</b>	<b>16.2</b>	<b>19.1</b>	<b>22.1</b>	<b>26.4</b>
Payments based on output (A2)	-	-	-	-	-	-	-
Per hectare payments for return of non-utilised agricultural land into cultivation (C)	0.5	1.8	4.3	-	-	-	-
Subsidies to variable inputs (B1)	16.9	22.8	19.6	16.2	19.1	21.1	25.6
Transfers reducing the on-farm investment cost (B2)	0.7	1.8	-	-	-	1.0	0.7
Other producer support (D+E+F+G)	-	-	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>15.4</b>	<b>13.8</b>	<b>14.0</b>	<b>9.1</b>	<b>4.2</b>	<b>6.3</b>	<b>6.1</b>
Agricultural knowledge and innovation system (H)	6.5	3.8	2.7	2.9	1.9	2.7	2.4
Inspection and control (I)	6.0	6.7	9.1	5.1	2.1	3.5	3.6
Development and maintenance of infrastructure (J)	2.9	3.3	2.2	1.1	0.3	0.1	0.1
Marketing and promotion (K)	-	-	-	-	-	-	-
Other general support (L+M)	-	-	-	-	-	-	-
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>33.5</b>	<b>40.2</b>	<b>37.9</b>	<b>25.3</b>	<b>23.3</b>	<b>28.5</b>	<b>32.5</b>
- as a share of the value of production (%)	1.8	2.0	2.5	1.5	1.1	1.4	1.4

Source: AM Policy database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

### Azerbaijan

**Annex Table 2. Azerbaijan: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2007-2013 (USD million)**

	2007	2008	2009	2010	2011	2012	2013
<b>Transfers to producers (PSE BOT)</b>	:	:	:	:	:	:	:
Payments based on output (A2)	-	-	-	-	-	-	-
Per hectare payments for sowing of wheat and rice (C)	23.5	36.1	28.5	29.2	31.9	31.7	25.7
Subsidies to variable inputs (B1)	52.9	78.3	88.2	107.0	97.5	98.1	99.1
Transfers reducing the on-farm investment cost (B2)	:	:	:	:	:	:	:
Other producer support (D+E+F+G)	-	-	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	:	:	:	:	:	:	:
Agricultural knowledge and innovation system (H)	:	:	:	:	:	:	:
Inspection and control (I)	:	:	:	:	:	:	:
Development and maintenance of infrastructure (J)	:	:	:	:	:	:	:
Marketing and promotion (K)	:	:	:	:	:	:	:
Other general support (L+M)	:	:	:	:	:	:	:
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	:	:	:	:	:	:	:
<b>Total budgetary and other transfers (Total BOT)</b>	:	:	:	:	:	:	:
- as a share of the value of production (%)	:	:	:	:	:	:	:

Source: AZ Policy database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

## Belarus

**Annex Table 3. Belarus: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2011 and 2012 (USD million)**

	2011	2012
<b>Transfers to producers (PSE BOT)</b>	<b>1,598.8</b>	<b>1,403.1</b>
Payments based on output (A2)	-	-
Payments based on area/animal/receipts/income (C)	-	-
Subsidies to variable inputs and on-farm services (B1+B3)	790.6	693.3
Transfers reducing the on-farm investment cost (B2)	808.2	709.7
Other producer support (D+E+F+G)	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>179.5</b>	<b>247.5</b>
Agricultural knowledge and innovation system (H)	19.8	95.2
Inspection and control (I)	5.9	48.1
Development and maintenance of infrastructure (J)	77.6	41.9
Marketing and promotion (K)	-	-
Miscellaneous general support (L+M)	76.3	62.2
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>16.4</b>	<b>12.8</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>1,794.7</b>	<b>1,663.4</b>
- as a share of the value of production (%)	14.9	14.3

Source: BY Policy database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

## Georgia

**Annex Table 4. Georgia: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2004-2013 (USD million)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transfers to producers (PSE BOT)</b>	<b>2.7</b>	<b>1.9</b>	<b>10.5</b>	<b>13.7</b>	<b>24.6</b>	<b>14.7</b>	<b>0.5</b>	<b>25.2</b>	<b>112.2</b>	<b>65.8</b>
Payments based on output (A2)	-	-	-	0.3	-	-	0.3	-	24.2	19.3
Area compensation for grubbing-up of vineyards (C)	-	-	-	0.0	0.8	0.1	0.1	-	-	-
Subsidies to variable inputs and on-farm services (B1+B3)	0.1	0.4	0.1	0.1	22.3	14.6	-	0.9	13.9	0.5
Transfers reducing the on-farm investment cost (B2)	2.6	1.5	10.3	13.3	1.4	0.1	0.1	24.3	74.0	46.0
Other producer support (D+E+F+G)	-	-	-	-	-	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>18.0</b>	<b>13.3</b>	<b>13.0</b>	<b>8.6</b>	<b>12.1</b>	<b>18.5</b>	<b>9.3</b>	<b>14.4</b>	<b>30.1</b>	<b>53.2</b>
Agricultural knowledge and innovation system (H)	2.6	1.7	0.7	3.4	0.7	0.0	-	1.2	2.2	1.4
Inspection and control (I)	2.4	2.0	2.1	2.3	1.3	2.9	1.7	1.1	5.6	10.4
Development and maintenance of infrastructure (J)	13.0	9.5	9.4	1.5	4.7	12.0	1.7	6.4	10.5	39.1
Marketing and promotion (K)	-	-	-	0.1	0.5	0.5	1.0	0.4	11.8	2.3
Miscellaneous general support (L+M)	-	0.0	0.7	1.2	4.9	3.1	4.9	5.3	-	-
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>0.7</b>	-	-	<b>38,3</b>	<b>4.3</b>	<b>5.2</b>	<b>2.7</b>	<b>5.2</b>	-	<b>13.5</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>21.5</b>	<b>15.2</b>	<b>23.4</b>	<b>60.5</b>	<b>40.9</b>	<b>38.4</b>	<b>12.4</b>	<b>44.8</b>	<b>142.2</b>	<b>132.4</b>
- as a share of the value of production (%)	:	:	2.0	4.6	2.8	3.2	1.0	2.9	8.7	7.2

Source: GE Policy database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories



## Kazakhstan

**Annex Table 5. Kazakhstan: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2004-2012 (USD million)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Transfers to producers (PSE BOT)</b>	<b>132.1</b>	<b>226.4</b>	<b>202.2</b>	<b>260.1</b>	<b>512.6</b>	<b>414.4</b>	<b>510.1</b>	<b>553.8</b>	<b>632.7</b>
Payments based on output (A2)	-	-	0.2	20.8	82.0	79.2	97.8	121.0	133.5
Payments based on area/animal/receipts/income (C)	14.6	15.2	1.5	106.6	174.3	112.1	86.4	132.4	128.2
Subsidies to variable inputs and on-farm services (B1+B3)	91.7	179.8	129.2	58.3	131.8	115.2	192.1	183.4	202.1
Transfers reducing the on-farm investment cost (B2)	25.6	31.4	71.3	74.3	124.6	108.0	133.7	116.9	165.8
Miscellaneous payments (G)	0.1	-	-	-	-	0.0	-	-	3.1
<b>Transfers to general services (GSSE BOT)</b>	<b>102.3</b>	<b>119.3</b>	<b>138.9</b>	<b>165.4</b>	<b>217.9</b>	<b>217.7</b>	<b>362.7</b>	<b>415.5</b>	<b>439.5</b>
Agricultural knowledge and innovation system (H)	20.4	22.1	27.8	35.2	41.3	50.4	52.4	62.0	50.1
Inspection and control (I)	50.5	62.0	79.0	86.7	126.5	126.6	235.6	253.3	290.6
Development and maintenance of infrastructure (J)	23.4	21.5	13.8	13.0	20.6	16.8	23.3	74.5	78.8
Marketing and promotion (K)	0.6	6.8	11.0	22.8	21.7	15.3	15.3	18.6	3.0
Other general support (L+M)	7.5	6.9	7.2	7.7	7.7	8.6	36.1	7.1	17.0
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>6.0</b>	<b>12.2</b>	<b>18.1</b>	<b>16.5</b>	<b>36.0</b>	<b>24.4</b>	<b>41.0</b>	<b>50.2</b>	<b>21.9</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>240.4</b>	<b>357.9</b>	<b>359.1</b>	<b>441.9</b>	<b>766.5</b>	<b>656.6</b>	<b>913.7</b>	<b>1,019.6</b>	<b>1,094.1</b>
- as a share of the value of production (%)	4.7	6.2	5.3	4.8	6.7	5.9	9.3	6.5	8.4

Source: OECD PSE/CSE database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

**Annex Table 6. Kazakhstan: Market price support as a share of value of production at farm gate producer prices (%)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Market Price Support</b>	<b>0.2</b>	<b>11.3</b>	<b>11.2</b>	<b>2.3</b>	<b>-0.4</b>	<b>10.6</b>	<b>4.7</b>	<b>7.6</b>	<b>10.5</b>
Wheat	-15.4	13.6	10.0	-7.6	-10.4	9.7	7.4	17.8	18.6
Barley	-43.1	-20.7	7.5	-53.4	-33.9	36.6	-2.6	-45.6	-37.2
Maize	-35.8	-1.3	9.4	-4.0	-60.8	-11.3	-21.4	-47.4	-31.1
Rice	11.5	4.9	-52.6	-46.0	-120.1	-42.1	-30.6	-105.4	-89.5
Sunflower	-13.6	-3.4	9.4	-15.0	-2.8	5.8	-40.4	16.4	7.3
Potatoes	0.0	0.0	0.0	1.5	2.0	7.8	0.0	7.8	8.2
Cotton	-36.3	7.0	16.6	17.8	20.0	0.1	35.4	-12.8	4.9
Milk	20.3	21.1	10.0	0.6	0.5	21.1	0.0	0.3	4.7
Beef and veal	2.7	13.6	21.4	17.3	4.2	5.2	1.3	2.4	16.0
Pigmeat	7.6	5.3	8.7	17.9	21.6	12.8	29.6	27.1	37.7
Poultry meat	56.8	51.8	53.6	21.2	23.8	4.6	8.5	8.4	3.4
Sheep meat	0.8	0.0	2.3	14.9	15.1	-0.3	0.0	0.2	7.1
Eggs	34.7	12.1	22.0	36.1	41.1	11.9	23.9	20.3	5.7
Non MPS commodities	0.2	11.3	11.2	2.3	-0.4	10.6	4.7	7.6	10.5

Source: OECD PSE/CSE database

## Moldova

**Annex Table 7. Moldova: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2006-2013 (USD million)**

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transfers to producers (PSE BOT)</b>	<b>3.1</b>	<b>5.4</b>	<b>15.4</b>	<b>16.6</b>	<b>10.6</b>	<b>14.3</b>	<b>18.4</b>	<b>30.0</b>
Payments based on output (A2)	-	-	-	-	-	-	-	-
Per hectare payments for organic agriculture (C)	-	-	0.2	0.4	0.2	0.1	-	-
Subsidies to variable inputs and on-farm services (B1+B3)	0.2	1.3	3.9	3.2	1.6	0.2	2.9	3.4
Transfers reducing the on-farm investment cost (B2)	2.9	4.1	11.3	13.1	8.9	14.0	15.5	26.6
Other producer support (D+E+F+G)	-	-	-	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>
Agricultural knowledge and innovation system (H)	:	:	:	:	:	:	:	:
Inspection and control (I)	:	:	:	:	:	:	:	:
Development and maintenance of infrastructure (J)	:	:	:	:	:	:	:	:
Marketing and promotion (K)	:	:	:	:	:	:	:	:
Other general support (L+M)	:	:	:	:	:	:	:	:
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>-</b>	<b>-</b>	<b>0.7</b>	<b>1.3</b>	<b>0.9</b>	<b>2.4</b>	<b>1.7</b>	<b>5.5</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>:</b>
- as a share of the value of production (%)	:	:	:	:	:	:	:	:

Source: MD Policy database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

## Russia

**Annex Table 8. Russia: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2004-2012 (USD million)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Transfers to producers (PSE BOT)</b>	<b>2,760.4</b>	<b>2,050.7</b>	<b>1,930.9</b>	<b>3,365.0</b>	<b>5,084.3</b>	<b>4,744.4</b>	<b>4,955.3</b>	<b>5,752.5</b>	<b>7,085.3</b>
Payments based on output (A2)	171.7	191.0	207.4	327.1	473.7	324.1	349.6	325.9	312.4
Payments based on area/animal/receipts/income (C)	94.3	16.5	86.5	63.3	17.5	60.7	333.1	87.1	24.5
Subsidies to variable inputs and on-farm services (B1+B3)	688.4	994.7	840.2	1,256.1	2,246.0	1,991.0	1,945.3	2,797.2	3,018.4
Transfers reducing the on-farm investment cost (B2)	1,289.0	699.9	675.2	1,268.2	2,347.2	2,368.6	2,327.3	2,542.2	3,730.0
Miscellaneous payments (G)	517.0	148.7	121.6	450.3	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>1,442.1</b>	<b>1,403.9</b>	<b>2,352.3</b>	<b>2,856.2</b>	<b>4,506.6</b>	<b>4,780.9</b>	<b>2,586.7</b>	<b>3,584.7</b>	<b>2,134.6</b>
Agricultural knowledge and innovation system (H)	369.8	456.5	504.2	614.6	877.0	850.7	820.7	971.0	970.1
Inspection and control (I)	472.4	369.3	645.9	838.2	754.0	667.0	595.5	620.8	579.5
Development and maintenance of infrastructure (J)	554.2	494.6	445.4	648.0	914.5	845.0	757.4	427.6	496.3
Marketing and promotion (K)	2.4	20.6	13.8	20.9	19.3	21.8	17.0	17.3	5.8
Other general support (L+M)	43.3	63.0	742.9	734.5	1,941.9	2,396.4	396.1	1,547.9	82.9
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>118.1</b>	<b>158.3</b>	<b>88.4</b>	<b>288.3</b>	<b>323.8</b>	<b>600.6</b>	<b>651.7</b>	<b>656.8</b>	<b>650.5</b>
<b>Total budgetary and other transfers (Total BOT)</b>	<b>4,320.7</b>	<b>3,612.9</b>	<b>4,371.5</b>	<b>6,509.5</b>	<b>9,914.7</b>	<b>10,125.9</b>	<b>8,193.7</b>	<b>9,994.0</b>	<b>9,870.4</b>
- as a share of the value of production (%)	11.0	8.6	8.7	9.9	10.8	14.2	11.8	10.1	10.8

Source: OECD PSE/CSE database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

**Annex Table 9. Russia: Market price support as a share of value of production at farm gate producer prices (%)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Market Price Support</b>	<b>15.7</b>	<b>10.3</b>	<b>11.3</b>	<b>10.7</b>	<b>16.1</b>	<b>15.5</b>	<b>15.9</b>	<b>10.1</b>	<b>6.7</b>
Wheat	11.0	-3.0	-6.0	-21.4	-3.2	-4.3	-12.1	-17.3	-8.4
Barley	-9.6	-16.0	-11.9	-27.8	-14.0	-2.7	-14.2	-31.4	-17.0
Maize	-30.8	-43.1	-16.7	-2.5	-37.6	-11.3	-47.1	-64.0	-57.3
Oats	-32.2	11.1	-21.8	-39.6	-34.5	-23.0	1.4	-26.2	-16.9
Rye	-42.4	-32.8	-50.0	-91.2	-102.8	-92.7	-97.8	-196.7	-119.1
Sunflower	4.9	3.2	-1.3	28.2	14.6	0.5	-8.7	11.2	3.9
Refined sugar	15.1	37.0	9.8	16.8	36.6	29.5	5.9	0.0	0.0
Potatoes	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Milk	34.9	12.0	24.1	35.8	32.1	21.7	18.5	22.8	3.4
Beef and veal	10.6	12.7	13.0	30.1	25.5	35.3	27.7	27.0	18.1
Pigmeat	32.1	42.1	33.1	36.3	60.2	47.0	57.1	53.1	45.4
Poultry meat	48.4	23.2	32.9	20.3	49.6	33.2	22.1	21.0	11.7
Eggs	1.3	5.2	3.2	9.0	12.0	2.4	3.2	8.6	6.7
Non MPS commodities	15.7	10.3	11.3	10.7	16.1	15.5	15.9	10.1	6.7

Source: OECD PSE/CSE database

## Ukraine

**Annex Table 10. Ukraine: Budgetary and other transfers (BOT) arising from policy measures that support agriculture, 2004-2012 (USD million)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Transfers to producers (PSE BOT)</b>	<b>1,141.4</b>	<b>1,247.0</b>	<b>1,574.1</b>	<b>1,945.6</b>	<b>2,065.2</b>	<b>1,372.6</b>	<b>1,813.8</b>	<b>1,699.5</b>	<b>2,076.5</b>
Payments based on output (A2)	298.7	432.1	444.2	725.1	784.1	176.5	258.6	4.5	75.0
Payments based on area/animal/receipts/income (C)	379.8	290.9	578.2	468.6	431.5	106.5	352.9	393.1	437.0
Subsidies to variable inputs and on-farm services (B1+B3)	412.3	412.7	466.5	603.3	669.7	1,023.4	1,066.5	1,183.4	1,444.3
Transfers reducing the on-farm investment cost (B2)	50.6	111.3	85.2	148.7	179.9	66.2	135.8	118.5	120.2
Other producer support (D+E+F+G)	-	-	-	-	-	-	-	-	-
<b>Transfers to general services (GSSE BOT)</b>	<b>361.1</b>	<b>557.4</b>	<b>509.4</b>	<b>666.5</b>	<b>714.4</b>	<b>485.7</b>	<b>613.3</b>	<b>675.8</b>	<b>774.8</b>
Agricultural knowledge and innovation system (H)	134.0	204.0	172.7	236.4	367.4	245.8	264.3	302.7	355.0
Inspection and control (I)	86.7	153.4	116.3	146.7	152.6	92.0	169.0	171.5	199.2
Development and maintenance of infrastructure (J)	110.5	169.1	189.2	230.3	160.0	116.0	127.5	150.0	162.3
Marketing and promotion (K)	1.3	1.3	1.5	1.6	4.7	6.5	6.2	2.0	4.6
Other general support (L+M)	28.6	29.6	29.7	51.5	29.6	25.3	46.4	49.5	53.6
<b>Transfers to consumers from taxpayers (CSE BOT)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total budgetary and other transfers (BOT)</b>	<b>1,502.5</b>	<b>1,804.4</b>	<b>2,083.4</b>	<b>2,612.1</b>	<b>2,779.6</b>	<b>1,858.3</b>	<b>2,427.1</b>	<b>2,375.2</b>	<b>2,851.3</b>
- as a share of the value of production (%)	10.6	10.1	10.3	10.5	8.6	8.2	8.2	6.3	8.2

Source: OECD PSE/CSE database

Note: Abbreviations in brackets correspond to the OECD PSE/CSE classification categories

**Annex Table 11. Ukraine: Market price support as a share of value of production at farm gate producer prices (%)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Market Price Support</b>	<b>-5.2</b>	<b>4.7</b>	<b>4.0</b>	<b>-4.3</b>	<b>-3.1</b>	<b>2.4</b>	<b>0.9</b>	<b>-9.0</b>	<b>-4.6</b>
Wheat	-3.5	-9.6	-17.7	-38.8	-62.9	-29.8	-8.3	-29.7	-32.8
Barley	-9.8	-12.6	-4.9	-26.4	-34.6	-25.0	-5.2	-42.8	-31.6
Maize	-33.9	-6.5	18.0	-2.6	-45.0	-4.0	-7.2	-30.5	-15.0
Oats	1.7	23.4	-19.8	-120.1	-40.6	-2.5	-15.5	-81.9	-64.2
Rye	-5.3	4.2	13.8	-46.3	-58.8	1.1	11.9	-36.3	-31.4
Sunflower	-9.4	-19.9	-0.8	19.6	-5.3	6.6	-10.1	-39.5	-22.1
Refined sugar	32.2	35.7	10.1	44.0	67.6	45.8	30.3	15.1	31.0
Potatoes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Milk	-18.1	-0.2	0.0	-32.2	8.6	3.5	-7.0	-8.5	-9.1
Beef and veal	-12.0	8.7	21.1	9.6	20.6	2.3	1.1	6.1	5.4
Pigmeat	-7.0	25.9	3.2	0.7	44.9	21.9	12.3	17.2	21.0
Poultry meat	52.3	46.6	51.0	64.7	58.5	40.9	37.2	59.3	46.3
Eggs	3.0	15.2	2.5	16.7	12.4	3.4	7.4	28.3	8.4
Non MPS commodities	-5.2	4.7	4.1	-4.3	-3.2	2.4	0.8	-8.2	-4.0

Source: OECD PSE/CSE database