UKRAINE: ESTIMATES OF SUPPORT TO AGRICULTURE

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DEFINITIONS AND SOURCES

Table 1. Agricultural Support Estimates / Total Transfers contains country Total Support Estimate (TSE) and derived indicators, which cover all agricultural production, i.e. all agricultural commodities produced in the country. Definitions of basic data sets refer to the specific programmes applied in the country. For the Producer Support Estimate (PSE) and Consumer Support Estimate (CSE), each policy measure is classified according to implementation criteria, which include: the transfer basis of support (output, input, area/animal numbers/receipts/income, and non-commodity criteria); whether support is based on current or non-current basis; whether production is required or not to receive payment. Each policy measure is also assigned several “labels” indicating additional implementation criteria. "MPS commodities”, which vary across countries, are those for which the market price support is explicitly calculated in Tables 4.1 – 4.13.

Table 2. Breakdown of PSE by Commodity and Other Transfers provides a breakdown of the total PSE into four categories reflecting the flexibility given to farmers regarding which commodity to produce within the various policy measures. These categories are: Single Commodity Transfers (SCT); Group Commodity Transfers (GCT); All Commodity Transfers (ACT); and Other Transfers to Producers (OTP). All data sets in Table 2 come from Tables 1 and 3.1 – 3.14 where definitions are included.

Tables 3.1 – 3.14 Producer Single Commodity Transfers contain producer SCT by commodity, which are calculated for UKRAINE for the following commodities: wheat, barley, maize, oats, rye, sunflower, sugar, milk, beef and veal, pigmeat, poultry meat, eggs, potatoes. In addition, SCT for “other commodities” is also calculated (Table 3.14), which covers transfers to single commodities other than MPS commodities. All data sets in the calculation of producer SCT by commodity come from Tables 1 and 4.1-4.13 where definitions are included.

Tables 4.1 – 4.14 contain Market Price Support (MPS) and Consumer Single Commodity Transfers (consumer SCT) by commodity, calculated for the same set of commodities as Tables 3.1 to 3.14. Definitions are provided only for basic data sets from which all the other data sets in this table are derived.

All values for 1986-91 are expressed in USSR roubles, and from 1992 on, in Ukrainian hryvnias.
Definitions of the indicators, criteria for classification of policy transfers included in support estimation, and methods of calculation are contained in the PSE Manual (OECD’s Producer Support Estimate and Related indicators of Agricultural Support: Concepts, Calculations, Interpretation and Use).

**TABLE 1: Ukraine: Total Support Estimate**

**Definitions:**

I. **Total value of production (at farm gate):** Total agricultural production valued at farm gate prices, i.e. value (at farm gate) of all agricultural commodities produced in the country [1].

   I.1. **Of which share of MPS commodities (%):** Share of commodities for which MPS is explicitly calculated (in Tables 4.1-4.13) in the total value of agricultural production.

II. **Total value of consumption (at farm gate):** Consumption of all commodities domestically produced valued at farm gate prices, and estimated by increasing the value of consumption (at farm gate) of the MPS commodities according to their share in the total value of agricultural production \( [\text{II.1} / \text{I.1} \times 100] \).

   II.1. **Of which MPS commodities:** Sum of the value of consumption (at farm gate prices) of the MPS commodities as indicated in Tables 4.1-4.13.

III.1 **Producer Support Estimate (PSE):** Associated with total agricultural production, i.e. for all commodities domestically produced [Sum of A to G; when negative, the amounts represent an implicit or explicit tax on producers].

A. **Support based on commodity output**

   A.1. **Market Price Support:** On quantities domestically produced (excluding for on-farm feed use -- Excess Feed Cost) of all agricultural commodities, estimated by increasing the MPS for the MPS commodities according to their share in the total value of agricultural production \( [\Sigma \text{MPS for MPS commodities} / \text{I.1} \times 100] \).

   A.2. **Payments based on output**

   **Policy measure title**

   Period of implementation: e.g. 1992-2010 or 1992 ongoing

   Policy measure description, and in particular its implementation that allows justifying the assigned classification

   Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO.

   Attribution to **single** commodities e.g. payments are included in wheat Single Commodity Transfers.

   **Per tonne payments for wheat**

   Period of implementation: up to 1992
   Per tonne payments provided for wheat.

   Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO

   Payments are included in the commodity SCT for wheat
Per tonne payments for maize
Period of implementation: up to 1992
Per tonne payments provided for maize.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for maize

Per tonne payments for rye
Period of implementation: up to 1992
Per tonne payments provided for rye.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for rye

Per tonne payments for barley
Period of implementation: up to 1992
Per tonne payments provided for barley.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for barley

Per tonne payments for oats
Period of implementation: up to 1992
Per tonne payments provided for maize.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for oats

Per tonne payments for sunflower
Period of implementation: up to 1992
Per tonne payments provided for sunflower.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for sunflower

Per tonne payments for sugar beet
Period of implementation: up to 1992
Per tonne payments provided for sugar beet.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for sugar beet

Per tonne payments for buckwheat
Period of implementation: up to 1992
Per tonne payments provided for buckwheat.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT

Per tonne payments for millet
Period of implementation: up to 1992
Per tonne payments provided for millet.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT

Per tonne payments for rice
Period of implementation: up to 1992
Per tonne payments provided for rice.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for rice

*Per tonne payments for other cereals*
Period of implementation: up to 1992
Per tonne payments provided for other cereals.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT

*Per tonne payments for potatoes*
Period of implementation: up to 1992
Per tonne payments provided for potatoes.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for potatoes

*Per tonne payments for other commodities*
Period of implementation: up to 1992
Per tonne payments provided for other commodities.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT

*Per tonne payments for hops*
Per tonne payments provided for hops.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT.

*Per tonne payments for crown flax*
Period of implementation: 2002-2010.
Per tonne payments provided for crown flax.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT.

*Per tonne payments for sugar beet*
Period of implementation: 2002-2010.
Per tonne payments provided for sugar beet.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT.

*Per tonne payments for beef and veal*
Period of implementation: 1986-2014
Per tonne payments provided for beef and veal; between 1998 and 2001, payments were provided though processors, whereby the latter directed their VAT due on processed meat products to supplying producers as purchase price top-ups (the so-called “redirection of processors’ VAT”). As of 2002, these payments have been financed both through the “redirected” processor VAT, and through budgetary disbursements within the *Programme for Financial Support of Animal Husbandry*.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for beef and veal.

*Per tonne payments for pigmeat*
Period of implementation: 1986-2014
Per tonne payments provided for pigmeat; between 1998 and 2002, payments were provided though processors, whereby the latter directed their VAT due on processed meat products to supplying producers as purchase price top-ups (the so-called “redirection of processors’ VAT”). As of 2003, these payments have been financed both through the “redirected” processor VAT, and through budgetary disbursements within the Programme for Financial Support of Animal Husbandry.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for pigmeat.

Per tonne payments for poultry
Period of implementation: 1986-2014
Per tonne payments provided for poultry; between 1998 and 2002, payments were provided though processors, whereby the latter directed their VAT due on processed meat products to supplying producers as purchase price top-ups (the so-called “redirection of processors’ VAT”). As of 2003, these payments have been financed both through the “redirected” processor VAT, and through budgetary disbursements within the Programme for Financial Support of Animal Husbandry.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for poultry.

Per tonne payments for milk
Period of implementation: 1986-2014
Per tonne payments provided for milk; between 1998 and 2002, payments were provided though processors, whereby the latter directed their VAT due on processed milk products to supplying producers as purchase price top-ups (the so-called “redirection of processors’ VAT”). As of 2003, these payments have been financed both through the “redirected” processor VAT, and through budgetary disbursements within the Programme for Financial Support of Animal Husbandry.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for milk.

Per tonne payments for eggs
Period of implementation: 1986-1990
Per tonne payments provided for eggs.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for eggs.

Per tonne payments for sheep meat
Period of implementation: 1994, 2005-2008
Per tonne payments provided for sheep meat.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for sheep meat.

Per tonne payments to silkworm breeders
Period of implementation: 2003-2006
Payments per one kilogram of silkworm cocoons and per one kilogram of silkworm eggs produced.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT.

Non-specified per tonne payments for crop and animal production: wheat
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for wheat.

Non-specified per tonne payments for crop and animal production: maize
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for maize.

Non-specified per tonne payments for crop and animal production: rye
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for rye.

Non-specified per tonne payments for crop and animal production: barley
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for barley.

Non-specified per tonne payments for crop and animal production: oats
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for oats.

Non-specified per tonne payments for crop and animal production: sunflower
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for sunflower.

Non-specified per tonne payments for crop and animal production: sugar beet
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for sugar beet.

Non-specified per tonne payments for crop and animal production: milk
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for milk.

Non-specified per tonne payments for crop and animal production: beef and veal
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for beef and veal.

Non-specified per tonne payments for crop and animal production: pigmeat
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for pigmeat.

Non-specified per tonne payments for crop and animal production: poultry
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for poultry.

Non-specified per tonne payments for crop and animal production: eggs
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the commodity SCT for eggs.

Non-specified per tonne payments for crop and animal production: other commodities
Period of implementation: 1992-2001
Ad hoc price top-ups, allocated to all commodities in proportion of their shares in the total value of agricultural output.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO
Payments are included in the other commodities SCT.

Pledge loan benefit (reduced interest on pledge loans): wheat
Period of implementation: 2004-2006 (possibly longer)
Implicit transfer to grain producers who receive reduced-interest loans against the pledged grain (wheat, barley, rye, maize, and oats); for 2004-06, the transfer is calculated as follows: Amount of Pledged Loan x (Annual Commercial Interest Rate – Annual Pledged Loan Interest Rate) / 12) x Number of Months of Loan]; no transfers were provided in 2007; for 2008-12 no estimates of the transfers are included due to a lack of information.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
The estimated implicit transfer is included in the commodity SCT for wheat.
**Pledge loan benefit (reduced interest on pledge loans): maize**
Period of implementation: 2004-2006 (possibly longer)
Implicit transfer to grain producers who receive reduced-interest loans against the pledged grain (wheat, barley, rye, maize, and oats); for 2004-06, the transfer is calculated as follows: Amount of Pledged Loan \( \times (\text{Annual Commercial Interest Rate} - \text{Annual Pledged Loan Interest Rate}) / 12 \) \( \times \) Number of Months of Loan]; no transfers were provided in 2007; for 2008-12 no estimates of the transfers are included due to a lack of information.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
The estimated implicit transfer is included in the commodity SCT for maize.

**Pledge loan benefit (reduced interest on pledge loans): rye**
Period of implementation: 2004-2006 (possibly longer)
Implicit transfer to grain producers who receive reduced-interest loans against the pledged grain (wheat, barley, rye, maize, and oats); for 2004-06, the transfer is calculated as follows: Amount of Pledged Loan \( \times (\text{Annual Commercial Interest Rate} - \text{Annual Pledged Loan Interest Rate}) / 12 \) \( \times \) Number of Months of Loan]; no transfers were provided in 2007; for 2008-12 no estimates of the transfers are included due to a lack of information.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
The estimated implicit transfer is included in the commodity SCT for rye.

**Pledge loan benefit (reduced interest on pledge loans): barley**
Period of implementation: 2004-2006 (possibly longer)
Implicit transfer to grain producers who receive reduced-interest loans against the pledged grain (wheat, barley, rye, maize, and oats); for 2004-06, the transfer is calculated as follows: Amount of Pledged Loan \( \times (\text{Annual Commercial Interest Rate} - \text{Annual Pledged Loan Interest Rate}) / 12 \) \( \times \) Number of Months of Loan]; no transfers were provided in 2007; for 2008-12 no estimates of the transfers are included due to a lack of information.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
The estimated implicit transfer is included in the commodity SCT for barley.

**Pledge loan benefit (reduced interest on pledge loans): oats**
Period of implementation: 2004-2006 (possibly longer)
Implicit transfer to grain producers who receive reduced-interest loans against the pledged grain (wheat, barley, rye, maize, and oats); for 2004-06, the transfer is calculated as follows: Amount of Pledged Loan \( \times (\text{Annual Commercial Interest Rate} - \text{Annual Pledged Loan Interest Rate}) / 12 \) \( \times \) Number of Months of Loan]; no transfers were provided in 2007; for 2008-12 no estimates of the transfers are included due to a lack of information.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
The estimated implicit transfer is included in the commodity SCT for oats.

**B. Payments based on input use**

**B.1. Payments based on variable input use**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification
Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO.

Attribution to commodities e.g. payments are included in All Commodity Transfers

*General electricity subsidy*
Period of implementation: 1986-2001
Implicit subsidy arising from reduced administered price of electricity for agricultural producers. The subsidy is estimated by multiplying the differential between the electricity price charged per kilowatt/hour to industrial users and the price charged to agricultural users, multiplied by the amount of kilowatt/hours of electricity consumed by agricultural producers in a given year.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Estimated implicit transfer included in the All Commodity Transfers.

*Electricity for irrigation subsidy*
Period of implementation: from 2003
Partial budgetary reimbursement of cost of electric power for irrigation of agricultural crops and for the flooding of rice fields.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Estimated implicit transfer included in the All Commodity Transfers.

*Insurance subsidy*
Period of implementation: from 2005
Budgetary compensation of 50% of insurance premiums paid by agricultural enterprises under the insurance contracts related to full or partial crop loss.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Payments are included in the All Commodity Transfers.

*Fertiliser subsidy*
Period of implementation: up to 1991
Budgetary transfers to fertiliser plants to compensate the difference between fertiliser prices charged to agricultural producers and “normative” manufacturer prices, the former being set below the manufacturer prices.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for all crops.

*Fertiliser subsidy*
Period of implementation: 2004-2007
Partial reimbursement to agricultural producers of the cost of purchased fertilisers produced domestically.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for all crops.

*Mixed feed subsidy*
Partial compensation of the cost of feeds purchased by large feedlots.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for all livestock.

*Fish meal subsidy*
Period of implementation: 1986-88
Ad hoc partial compensation of the cost of fish meal purchased by large feedlots.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for all livestock.

Ad hoc fuel subsidy
Period of implementation: 1990
Partial compensation of the cost of fuel (gasoline and diesel fuel) and motor lubricants.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the All Commodity Transfers.

Disaster relief payments
Period of implementation: 2003-04
Budgetary subsidy for purchase of fuel and lubricants, spare parts, seeds, fertilizers and plant protection chemicals; extraordinary disaster assistance provided in 2003 and 2004 due to an exceptional grain harvest loss in 2003.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for grains.

Input subsidy based on "VAT accumulation"
Period of implementation: 1999-2017
Until 2016: input subsidy to agricultural producers, whereby producers are enabled to retain their VAT payments due on agricultural goods and services. The VAT payments are accumulated on special bank accounts of agricultural producers and up until 2008, they could only be used for purchases of agricultural inputs, such as fuel, seeds, fertilisers, pesticides, and agricultural machinery and equipment; milk and meat producers were not eligible for this regime as they were eligible to support based on “redirection of processors’ VAT” (see above, support classified to category A.2. Payments based on output). Starting from 2009, the accumulated producer VAT can be used to cover only the VAT on purchased items, while the residual sum can be used for other production purposes. In 2017, replaced by the “Development Subsidy” with similar implementation.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for “all commodities excluding meat and milk”.

Seed subsidy
Period of implementation: from 1993
Partial reimbursement to agricultural producers of the cost of purchased fuel and lubricants, spare parts, seeds, fertilisers and plant protection chemicals.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for “all crops”.

Interest-free cash advances for purchase of inputs
Period of implementation: 1994-97
Implicit transfers from interest-free 6-month loans provided to producers who delivered their products to state procurement system; products covered include wheat, maize, rye, barley, oats, and sunflower seeds; calculated as follows: Amount of Interest-Free Cash Advances x (Annual Market Interest Rate / 12) x 6 (months).
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Estimated implicit transfer included in the Group Commodity Transfers for “grains and oilseeds”.

Debt write off on state commodity credit
Period of implementation: 1994-2010
Implicit transfer arising from the write-off of the overdue debt on state commodity credit.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Estimated implicit transfer included in the Group Commodity Transfers for “grains and oilseeds”.
Restructuring of debt on state commodity credit
Period of implementation: 1994-1999
Estimated implicit transfer arising from the restructuring of overdue debt on state commodity credit; this transfer is calculated as the difference between the average market interest rate for short-term credit and preferential interest rate set for repayment of the restructured debt, multiplied by the estimated outstanding credit in a given year.
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Estimated implicit transfer included in the Group Commodity Transfers for “grains and oilseeds”.

Interest subsidy on short-term loans
Period of implementation: from 1994
Partial budgetary compensation of interest on short-term agricultural loans provided by commercial banks to agricultural producers; the borrower is to cover the difference between the bank lending rate and the government-subsidised part of the interest. The amount of transfer is assumed to comprise two thirds of total budgetary allocations for compensation of interest rates to agricultural producers in a given year; the remaining one third is classified to B.2 Payments based on fixed capital formation as interest subsidy on long-term loans (see below).
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Payments are included in the All Commodity Transfers.

Support for family farms
Period of implementation: 1992-2011
Financial support to family (individual) farms, with the majority of funds provided for interest subsidies on commercial bank loans.
Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the All Commodity Transfers.

Agricultural chemicals subsidy
Period of implementation: 2003
Partial compensation of the cost of chemicals for plant growth control and chemicals for protection from low temperatures.
Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for grains.

B.2. Payments based on fixed capital formation

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justyfing the assigned classification

Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO.

Attribution to commodities e.g. payments are included in Group Commodity Transfers

Subsidy for agricultural machinery and equipment
Period of implementation: from 2002
30% reimbursement of the cost of purchased domestically produced agricultural machinery and equipment.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the All Commodity Transfers.

**Capital grants**
Period of implementation: 1986-2001
Public capital grants for construction and re-construction of production structures on farms (agricultural organisations).
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the All Commodity Transfers.

**State Programme for Livestock Breeding**
Period of implementation: from 1994
Partial reimbursement of expenses involved in the improvement of livestock genetic potential, acquisition and keeping of own pedigree livestock on farms, introduction of biotechnology methods and purchase of sperm. Of total budgetary expenditures for this programme, 75% are allocated to category B.2 *Payments based on fixed capital formation*, while the remaining 25% are allocated to GSSE category H.1 Agricultural knowledge generation (see below).
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for all livestock.

**Support for orchards, vineyards and berry fields**
Period of implementation: from 1995
Subsidies for layout planning, preparation of ground, planting and maintenance of perennial plantations, and trickle irrigation; payment rates are established on the basis of normative regional costs per hectare. Seventy per cent of allocations are directed for development of viticulture and 30% for horticulture.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Group Commodity Transfers for “other crops”.

**Interest subsidy on long-term loans**
Period of implementation: from 1994
Partial budgetary compensation of interest on long-term loans provided by commercial banks to agricultural producers; the borrower is to cover the difference between the bank lending rate and the subsidised part of the interest. It is assumed that the amount of the transfer is equal to one third of total budgetary allocations for compensation of interest rates to agricultural producers in a given year, the remaining two thirds allocated to category B.1. *Payments based on variable input use* as interest subsidy on short-term loans (see above).
Use of labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO.
Payments are included in the All Commodity Transfers.

**Partial reimbursement of the cost of construction of livestock farms and complexes**
Period of implementation: 2010-2013
Reimbursement of up to 50% of the costs of construction and rehabilitation of animal farms and complexes; this assistance is provided for the operating facilities where construction and reconstruction works have been completed and with the size of no less than 500 cows, or 1 200 sows, or 1 million heads of poultry.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the All Commodity Transfers.

**Partial reimbursement of the cost of milking equipment for individual farmers**
Period of implementation: 2012-2013
Partial (up to UAH 5 000 per unit) reimbursement of the cost of acquisition of milking equipment for individual farmers.
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.
Payments are included in the Single Commodity Transfers for milk.

**Partial reimbursement of the cost of greenhouse construction**  
Period of implementation: 2011-2012  
Reimbursement of up to 50% of the construction cost of greenhouse complexes for vegetables and mushrooms using modern energy-saving technologies.  
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.  
Payments are included in the Single Commodity Transfers for milk.

**Machinery leasing subsidy**  
Period of implementation: from 2005  
Transfers arising from reduced leasing fee rate for machinery leased from UkrAgroLeasing company. For 2005, the amount of subsidy is the estimate of the Ukrainian Ministry of Agrarian Policy; for 2006-10 the subsidy is estimated based on the total amount of the financing for machinery leasing in each year, multiplied by the ratio of subsidy to the total amount of the financing for machinery leasing in 2005; for 2011-12 budget allocations for purchase of domestic machinery, equipment and cows destined for leasing to agricultural producers within capital lease arrangements.  
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.  
Payments are included in the All Commodity Transfers.

**B.3. Payments based on on-farm services**

**Policy measure title**

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO.

Attribution to commodities e.g. payments are included in All Commodity Transfers

**Improvement of irrigated land**  
Period of implementation: 1987-2001  
Partial compensation of costs incurred in various works on land reclamation and improvement of irrigated lands.  
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.  
Payments are included in the All Commodity Transfers.

**Payments for fundamental soil improvement**  
Partial compensation of costs incurred in various works on fundamental improvement of soils, such as adding lime and gypsum to soils.  
Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO.  
Payments are included in the All Commodity Transfers.

**Payments for fundamental soil improvement**  
Period of implementation: 1992-2001
Partial compensation of costs incurred in various works on fundamental improvement of soils, such as adding lime and gypsum to soils; financed within the Programme for Fundamental Soil Improvement; of the total amount of expenditures reported, only the part of payments made to agricultural producers is included, the remaining part is allocated to GSSE category N. Miscellaneous (see below). Use of labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO. Payments are included in the All Commodity Transfers.

C. Payments based on current area planted/animal numbers/receipts/income – production required

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO; Payment eligibility: A/An/R/I.

Attribution to commodities e.g. payments are included in sheep meat Single Commodity Transfers.

Per hectare payments for wheat
Period of implementation: 2006-2008
Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds. Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area
Payments are included in Single Commodity Transfers for wheat.

Per hectare payments for maize
Period of implementation: 2006-2008
Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds. Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area
Payments are included in Single Commodity Transfers for maize.

Per hectare payments for rye
Period of implementation: 2006-2008
Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds. Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area
Payments are included in Single Commodity Transfers for rye.

Per hectare payments for barley
Period of implementation: 2006-2008
Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for barley.

*Per hectare payments for oats*

Period of implementation: 2006-2008

Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for oats.

*Per hectare payments for buckwheat*

Period of implementation: 2006-2008

Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for “other commodities”.

*Per hectare payments for millet*

Period of implementation: 2006-2008

Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for “other commodities”.

*Per hectare payments for rice*

Period of implementation: 2004-2008

Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for rice.

*Per hectare payments for other cereals*

Period of implementation: 2006-2008

Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.

Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area

Payments are included in Single Commodity Transfers for “other commodities”.

15
**Per hectare payments for rapeseed**
Period of implementation: 2006-2008
Fixed payment per hectare of area sown to winter and spring crops; only areas with sprouts are eligible; crops covered are: wheat, maize, rye, barley, oats, buckwheat, millet, rice, other grains and rapeseeds; subsidy is provided with the objective of preventing reduction in areas sown to cereals and rapeseeds.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Area
Payments are included in Single Commodity Transfers for rapeseed.

**Per animal payments for beef and veal**
Period of implementation: from 2003
Payments provided for beef and veal, milk, pigmeat, and sheep within the *Programme for Financial for Support of Animal Husbandry*.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Animal head
Payments are included in Single Commodity Transfers for beef and veal.

**Per animal payments for milk**
Period of implementation: from 2003
Payments provided for beef and veal, milk, pigmeat, and sheep within the *Programme for Financial for Support of Animal Husbandry*.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Animal head
Payments are included in Single Commodity Transfers for milk.

**Per animal payments for pigmeat**
Period of implementation: from 2003
Payments provided for beef and veal, milk, pigmeat, and sheep within the *Programme for Financial for Support of Animal Husbandry*.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Animal head
Payments are included in Single Commodity Transfers for pigmeat.

**Per animal payments for sheep**
Period of implementation: from 2003
Payments provided for beef and veal, milk, pigmeat, and sheep within the *Programme for Financial for Support of Animal Husbandry*.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Animal head
Payments are included in Single Commodity Transfers for sheep.

**Per animal payments for bees**
Period of implementation: from 2003
Fixed payment per bee family if no less than 10 bee families are kept between January 1 and May 1 (before 2006, no less than 20 bee families); provided within the *Programme for Financial Support to Animal Husbandry*.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Animal head
Payments are included in Single Commodity Transfers for “other commodities”.

**Payments to producers in regions with difficult climatic conditions**
Period of implementation: 2000-2008
Payments provided to producers in regions suffering recurrent adverse climatic events, such as early frosts, droughts, and ice crusts.
Use of Labels: Production limits: NO; Variable payment rates: YES; Input constraints: NO; Payment eligibility: Receipts
Payments are included in the All Commodity Transfers.

Implicit benefit from the Fixed Agricultural Tax
Period of implementation: 1999-2015
According to the Ukrainian legislation, any enterprise receiving over 75% of its gross receipts from sales of agricultural commodities is eligible for the Fixed Agricultural Tax (FAT), which is based on land value (Law of Ukraine On Fixed Agricultural Tax, No. 320 of 17 December 1998); agricultural enterprises who are eligible for FAT are exempt from payment of a number of taxes, fees and contributions; the benefit from the fixed agricultural tax is the value calculated by the Ukrainian Ministry of Agrarian Policy and Food representing the difference between the total amount of the fixed agricultural tax collected in a given year and the amount of taxes, fees and contributions which were replaced by the fixed agricultural tax. In 2015 FAT was transformed into a Single Tax which replaced in total three taxes – profit tax, land tax, and special water use fee.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Receipts
Estimated implicit transfer included in the All Commodity Transfers.

Exemption from 30-percent profit tax
Period of implementation: 1992-97
Between 1992 and 1997, agricultural enterprises were exempted from profit tax (equalling to 30%); the related implicit transfer corresponds to 30% of the total amount of profits reported by agricultural enterprises in a given year.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Income
Estimated implicit transfer included in the All Commodity Transfers.

Debt write-off
Period of implementation: 1991-2002
Transfer arising from debt write-off other than debt write-off on state commodity credit, which is allocated to category B.1. Payments based on variable input use.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Income
Estimated implicit transfer included in the All Commodity Transfers.

Debt restructuring
Transfer arising from debt restructuring other than restructuring of debt on state commodity credit, which is allocated to category B.1. Payments based on variable input use.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Income
Estimated implicit transfer included in the All Commodity Transfers.

Ad hoc financing of unprofitable farms
Period of implementation: 1991
Subsidies to unprofitable farms to compensate for general increase in administered prices in 1991.
Use of Labels: Production limits: NO; Variable payment rates: NO; Input constraints: NO; Payment eligibility: Income
Estimated implicit transfer included in the All Commodity Transfers.

D. Payments based on non-current area planted/animal numbers/receipts/income – production required

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO; Payment eligibility: A/An/R/I.

Attribution to commodities e.g. payments are included in sheep meat Single Commodity Transfers.

none.

E. Payments based on non-current area planted/animal numbers/receipts/income – production not required

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Variable payment rates: YES/NO; Input constraints: YES/NO; Payment eligibility: A/An/R/I.

Payments are included Other Transfers to Producers.

none.

F. Payments based on non-commodity criteria

F.1. Payments based on long-term resource retirement

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Input constraints: VOLUNTARY (please specify).

Payments are included Other Transfers to Producers.
none.

F.2. Payments based on specific non-commodity output

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO; Input constraints: YES, VOLUNTARY (please specify).

Payments are included Other Transfers to Producers.

none.

F.3. Payments based on other non-commodity criteria

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Use of labels: Production and payment limits: YES/NO.

Payments are included Other Transfers to Producers.

none.

G. Miscellaneous payments

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification (e.g. not enough information to attribute it into any of the categories above)

Payments are included Other Transfers to Producers.

[no use of labels here as all are not applicable]

III.2 Percentage PSE \[
100 \times (\text{III.1}) \bigg/ \left((\text{I}) + \text{Sum of A2 to G})\right)
\]

III.3 Producer NPC: For all agricultural commodities the producer NPC is estimated as a weighted average of the producer NPC calculated for the individual MPS commodities and shown in Table 4. For
each commodity Producer NPC = [domestic price received by producers (at the farm gate) + unit payments based on output] / border price (also at the farm gate).

III.4 Producer NAC \[1 / (100 - (III.2)) \times 100\]

IV. General Services Support Estimate (GSSE): total budgetary expenditure to support general services provided to agriculture [Sum of H to M].

**H. Agricultural Knowledge and Innovation System**

**H.1. Agricultural Knowledge Generation**

**Policy measure title**

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

*Research and development*
Period of implementation: up to 1991
Public financing of agricultural research institutions.

*Research and development*
Period of implementation: from 1992
Public financing of agricultural research institutions carrying out of fundamental research, general and product-specific research programmes.

*State program for livestock breeding*
Period of implementation: from 1994
25% of the actual budgetary expenditures for this programme are allocated to H.1 Agricultural knowledge generation; the remaining 75% are allocated to category B.2. *Payments based on fixed capital formation* (see above).

*State programme for crop selection and variety testing*
Period of implementation: from 2003
Public financing for formation of stocks and provision of high quality and hybrid seeds.

**H.2. Agricultural Knowledge Transfer**

**H2.a. education**

**Policy measure title**

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

*Agricultural schools*
Period of implementation: up to 1992
Public financing of agricultural education and training institutions.

*Agricultural schools*
Period of implementation: from 1992
Public financing of agricultural education and training institutions.

**H2.b. extension services**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

**Extension services**

Period of implementation: 2013
No program information available

**I. Inspection and Control**

**I.1. Agricultural product safety and inspection**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

**Inspection services**

Period of implementation: up to 1991
No program information available

**Inspection services**

Period of implementation: from 1992
Public financing of general inspection and specific product inspection services for health care purposes, safety, grading or standardization; financing of state veterinary institutions, the State Seed Inspection, state variety-testing stations and the State Bread Inspection.

**I.2. Pest and disease inspection and control**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

**Inspection services**

Period of implementation: up to 1991
No program information available

**Inspection services**

Period of implementation: from 1992
Public financing of general inspection and specific product inspection services for health care purposes, safety, grading or standardization; financing of state veterinary institutions, the State Seed Inspection, state variety-testing stations and the State Bread Inspection.

*Pest and disease control of agricultural plants and animals*
Period of implementation: from 1992
Public financing of anti-epizootic measures, pest and disease control.

1.3. *Input control*

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

*Chemical certification of land*
Period of implementation: from 1999
Public financing of field and analytical works on testing soils for content of heavy metals, pesticide and radionuclide residues; radioactive decontamination of agricultural lands and household plots.

**J. Development and maintenance of Infrastructure**

**J.1. Hydrological Infrastructure**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

*Irrigation and drainage systems*
Period of implementation: from 2003
Budgetary expenditures for maintenance and construction of irrigation and drainage structures from central budgets.

*Irrigation and drainage systems*
Period of implementation: 1997-2002
Budgetary expenditures for maintenance and construction of irrigation and drainage structures from local budgets.

**J.2. Storage, marketing and other physical infrastructure**

*Policy measure title*

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

*Financial support for construction of wholesale markets*
Period of implementation: 2011-2012
Budgetary allocations covering the following items: (i) producing of construction design of wholesale markets; construction of connecting roads, water and electricity networks, and other general purpose services; creation of information systems; (ii) 50% compensation of the cost of equipment and machinery purchased to equip wholesale markets.

J.3. Institutional infrastructure

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Foundation of the State Land Bank
Period of implementation: 2012
Budgetary allocations for the formation of charter of the State Land Bank.

J.4. Farm restructuring

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Land reform
Period of implementation: from 1993
Public financing of services related to implementation of the land reform: development of new land legislation, land registry, cadastral survey and land quality mapping.

Rural infrastructure
Period of implementation: 1986-2015; with interruptions in expenditures
Budgetary expenditures for delivery of gas, water and electric power to rural areas.

K. Marketing and promotion

K.1. Collective schemes for processing and marketing

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

Support to collective processing and promotion
Period of implementation: 2013-2014
No program information available.

K.2. Promotion of agricultural products
Promotion of agricultural products
Period of implementation: 2013
No program information available.

Marketing and promotion
Period of implementation: from 1994
Budgetary expenditures for organisation of agricultural state exhibitions, fairs and promotion events.

L. Cost of Public stockholding

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification

State purchases for food security purposes
Period of implementation: 2003-2014
Budgetary expenditures for purchases of foodstuffs for Derzchrezerv (State Reserve Fund).

Storage and transportation costs of the Agrarian Fund.
Period of implementation: from 2013
No program information available

Formation and keeping of state stock of high quality seed.
Period of implementation: 2002-2012
No program information available

M. Miscellaneous

Policy measure title

Period of implementation: e.g. 1992-2010 or 1992 ongoing

Policy measure description, and in particular its implementation that allows justifying the assigned classification (e.g. not enough information to attribute it into any of the categories above).

Non-specified expenditures.
Period of implementation: up to 1991
No program information available

Environmental programmes
Period of implementation: from 1993
Budgetary expenditures by the Ministry of Water Management and by the Ministry of Forestry reduced by one third to exclude non-agricultural payments; include partial compensation of costs incurred in various works on soil improvement, such as adding lime and gypsum to soils, maintenance of field-protective forest belts, soil protection from harmful water action; financed within the programme of *Fundamental Soil Improvement* and includes part of payments under this programme not allocated to category B.3. *Payments based on use of on-farm services* (see above).

**V.1 Consumer Support Estimate (CSE):** Associated with agricultural production, i.e. for the quantities of commodities domestically produced, excluding the quantities used on-farm as feed -- excess feed cost. [Sum of N to Q; when negative, the amounts represent an implicit tax on consumers].

**N. Transfers to producers from consumers:** Associated with market price support on all domestically produced commodities, estimated by increasing the transfers calculated for the MPS commodities according to their share in the total value of production \([(N.1) / (I.1) x 100]\).

**N.1. Of which MPS commodities:** Sum of the values of transfers from consumers to producers associated with market price support for the MPS commodities as calculated in Tables 4.1 to 4.13.

**O. Other transfers from consumers:** Transfers to the budget associated with market price support on the quantities imported of domestically produced commodities, estimated by increasing the transfers calculated for the MPS commodities according to their share in the total value of production \([(O.1) / (I.1) x 100]\).

**O.1. Of which MPS commodities:** Sum of the transfers to the budget associated with market price support on the quantities imported of the MPS commodities as calculated in Tables 4.1 to 4.13.

**P. Transfers to consumers from taxpayers**

**P.1. Commodity specific transfers to consumers:** Sum of commodity specific transfers from taxpayers to consumers (farm gate level) from Tables 4.1-4.14, including:

- none

**P.2. Non-commodity specific transfers to consumers:** Sum of non-commodity specific transfers from taxpayers to consumers, including:

*Price difference compensation to processors*
Period of implementation: up to 1993
Direct budgetary transfers to processors to compensate for the difference between administered prices paid by processors to agricultural producers and lower administered prices received by processors; the compensation was provided for livestock commodities, grains, sugar beet, oilseeds and potatoes.

*Price difference compensation to retailers*
Period of implementation: 1991
Direct budgetary transfers to retailers to compensate for the difference between administered prices paid to food processors and lower administered prices set for retail consumers; the compensation was applied to principal foodstuffs.

**Q. Excess Feed Cost:** Associated with market price support on quantities of domestically produced crops and used on-farm as feed as calculated (Sum of *Excess Feed Cost* in the MPS Tables 4.1, 4.2, 4.4, 4.13).
V.2 Percentage CSE \[100 \times \frac{(V.1)}{(II) + (P)}\]

V.3 Consumer NPC: For all agricultural commodities the consumer NPC is estimated as a weighted average of the consumer NPC calculated for the individual MPS commodities and shown in Table 2. For each commodity consumer NPC = domestic price paid by consumers (at the farm gate)/ border price (also at the farm gate).

V.4 Consumer NAC \[\frac{1}{(100 - (V.2))} \times 100\]

VI. Total Support Estimate \[(III.1) + (IV) + (P)] and \[(R) + (S) - (T)\]

R. Transfers from consumers \[(N) + (O)\]

S. Transfers from taxpayers \[(III.1)-(N) + (IV) + (P)\]

T. Budget revenues \[(O)\]
TABLE 2. Ukraine: Breakdown of PSE by commodity specificity and other transfers

All data sets in Table 2 to come from Tables 1 and 3.1 to 3.14 where definitions are included.

Definitions:

I. Producer Single Commodity Transfers (producer SCT): the annual monetary value of gross transfers from consumers and taxpayers to agricultural producers, measured at the farm level, arising from policy measures directly linked to the production of a single commodity such that the producer must produce the designated commodity in order to receive the payment. This includes policies where payments are specified on a per-commodity basis [Sum of SCTs for individual commodities from Tables 3.1-3.14].

Percentage producer SCT: is the commodity SCT expressed as a share of gross farm receipts for the specific commodities (including support in the denominator). This indicator can be expressed for the total SCT (Table 2), or for a specific commodity (Table 3.1 to 3.14).

\[
\text{%SCT} = 100 \times \frac{\text{SCT}}{\text{Value of production}_{\text{COM}} + \text{A}_{\text{COM}} + \text{B}_{\text{COM}} + \text{C}_{\text{COM}} + \text{D}_{\text{COM}}}
\]

Share in Total PSE (%): \(\text{SCT}_{\text{SHARE}} = 100 \times \frac{\text{SCT}}{\text{PSE}}\)

II. Group commodity transfers (GCT): the annual monetary value of gross transfers from consumers and taxpayers to agricultural producers, measured at the farm gate level, arising from policy measures whose payments are made on the basis that one or more of a designated list of commodities is produced. That is, a producer may produce from a set of allowable commodities and receive a transfer that does not vary with respect to this decision \[\text{GCT} = \text{B}_{\text{GROUP}} + \text{C}_{\text{GROUP}} + \text{D}_{\text{GROUP}}\].

Share in Total PSE (%): \(\text{GCT}_{\text{SHARE}} = 100 \times \frac{\text{GCT}}{\text{PSE}}\)

Transfers to specific groups of commodities: the GCT indicator is calculated for Australia for the following groups of commodities: All crops, fruits and vegetables, all livestock, and ruminants.

III. All commodity transfers (ACT): the annual monetary value of gross transfers from consumers and taxpayers to agricultural producers, measured at the farm gate level, arising from policy measures that place no restrictions on the commodity produced but require the recipient to produce some commodity of their choice \[\text{ACT} = \text{C}_{\text{ALL}} + \text{B}_{\text{ALL}} + \text{D}_{\text{ALL}}\].

Share in Total PSE (%): \(\text{ACT}_{\text{SHARE}} = 100 \times \frac{\text{ACT}}{\text{PSE}}\)

IV. Other Transfers to Producers (OTP): the annual monetary value of gross transfers made under policies that do not fall in the above three cases (SCT, GCT, ACT). That is, payments that do not require any commodity production at all. \[\text{OTP} = \text{E} + \text{F} + \text{G}\]

Share in Total PSE (%): \(\text{OTP}_{\text{SHARE}} = 100 \times \frac{\text{OTP}}{\text{PSE}}\)

V. Total PSE: \(\text{PSE} = \text{A} + \text{B} + \text{C} + \text{D} + \text{E} + \text{F} + \text{G} = \text{SCT} + \text{GCT} + \text{ACT} + \text{OTP}\)

Percentage PSE: \(\%\text{PSE} = 100 \times \frac{\text{PSE}}{(\text{Total Value of Production at farm gate} + \text{A.2} + \text{B} + \text{C} + \text{D} + \text{E} + \text{F} + \text{G})}\)
TABLE 3. Ukraine: Producer Single Commodity Transfers (by commodity)

Tables 3.1 to 3.14, provide information on Producer Single Commodity Transfers (PSCT) for the following commodities: wheat, barley, maize, oats, rye, sunflower, sugar, milk, beef and veal, pigmeat, poultry meat, eggs, potatoes and “other commodities”. All data sets in the calculation SCT by commodity come from Tables 1 and 4.1 - 4.14 where definitions are included.

Definitions:

I. Level of production: Data from respective commodity Tables 4.1 – 4.14 (Market Price Support tables)

II. Value of production (at farm gate): Data for respective commodity Tables 4.1 – 4.14 (Market Price Support tables)

III. Producer Single Commodity Transfers: Sum of transfers to respective single commodity in categories A, B, C and D.
   A. Support based on commodity output
      A1. Market Price Support [Data for respective commodity from Table 4]
      A2. Payments based on output
           Payments based on output (A.2) provided to respective single commodity [Data from Table 1]
   B. Payments based on input use, single commodity [B.1{COM} + B.2{COM} +B.3{COM}]
      B1. Based on variable input use
           Payments based on variable input use (B.1{COM}) provided to respective single commodity [Data from Table 1].
      B2. Based on Fixed capital formation
           Payments based on fixed capital formation (B.2{COM}) provided to respective single commodity [Data from Table 1].
      B3. Based on on-farm services
           Payments based on on-farm services (B.3{COM}) provided to respective single commodity [Data from Table 1].
   C. Payments based on current A/An/R/I, production required, single commodity
      Payments based on current A/An/R/I (C{COM}) provided to respective single commodity [Data from Table 1].
   D. Payments based on non-current A/An/R/I, production required, single commodity
      Payments based on non-current A/An/R/I, production required (D{COM}) provided to respective single commodity [Data from Table 1].

IV. Percentage producer SCT: %SCT =100*([III] / ([II] + (A.2) + (B{COM}) +(C{COM})+(D{COM})))
TABLE 4. Ukraine: Market Price Support and Consumer Single Commodity Transfers

Tables 4.1 to 4.14, contain calculation of the Market Price Support (MPS) and Consumer Single Commodity Transfers (consumer SCT) for the following commodities: wheat, maize, rye, barley, oats, sunflower, sugar, potatoes, milk, beef, pigmeat, poultry, eggs and “other commodities”. The data sets used in calculation of the MPS and consumer SCT by commodity are described below. Values for “other commodities” are derived using information on total Market Price Support and Value of Production, and individual commodity data.

Definitions:

1. Wheat

   I. Level of production

      Total domestic production

      Source: State Statistics Committee of Ukraine (Derzkomstat) [1].

   II. Producer prices (at farm gate)

      Annual average of farm gate prices (all qualities)

      Source: State Statistics Committee of Ukraine (Derzkomstat) [1].

   III. Value of production (at farm gate) [(I) \times (II)]

   IV. Trade status

      Exported. [Deficit in individual years (1987, 1991, 1994)]

      Source: calculated as Production - Consumption

   V. Market price differential at the farm gate

      Price gap (Producer price – Reference price).

   VI. Reference prices at the farm gate (including the definition of the margin)

      Border price: for 1986-1993: EU export price of standard quality common wheat to specified zones, f.o.b. Rouen, calendar year [1]; for 1994-2004 Ukrainian unit values of wheat exports (NCM 100190) to all destinations [2], multiplied by the quality adjustment co-efficient (see section 4.5.5 of the PSE Manual www.oecd.org/agriculture/PSE for explanation of the quality adjustment procedure); from 2005 on: weighted average of IGC quotations for feed wheat and food wheat (f.o.b. Black sea) [4], weighted by the shares of feed and food wheat in total Ukrainian wheat production respectively [3].

      Margins: estimated on the basis of the information reported by the Khib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

      Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/](http://www.ukrstat.gov.ua/)


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

2. Maize

I. Level of production

Total domestic production


II. Producer prices (at farm gate)

Annual average of farm gate prices (all qualities)


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status


From 2000: Exported.
Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: USA Yellow Corn No.3, c.i.f. Rotterdam, calendar year [1]; from 2004 on: Ukrainian unit values of maize exports (NCM 100590) to all destinations [2].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

3. Rye

I. Level of production

Total domestic production
II. Producer prices (at farm gate)

Annual average of farm gate prices (all qualities)


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

1986-1995: Imported


Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: German unit export values of rye exports outside the European Union [1].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/


VIII. Consumption prices (at farm gate)
Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

4. Barley

I. Level of production

Total domestic production

Source: State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/].

II. Producer prices (at farm gate)

Annual average of farm gate prices (all qualities)

Source: State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/].

III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status


Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: EU export price for feed barley, minimum prices fob Rouen of price ranges at weekly free market tenders, net of export restitution or taxes, calendar year [1]; for 1994-2006: Ukrainian unit values of barley exports (NCM 100300) to all destinations [2]; from 2007 on: weighted average of IGC quotations for feed barley and food barley (f.o.b. Black sea) [4], weighted by the shares of feed and food barley in total domestic production respectively [3].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


33


**VII. Level of consumption (at farm gate)**

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/](http://www.ukrstat.gov.ua/)


**VIII. Consumption prices (at farm gate)**

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

**IX. Value of consumption (at farm gate) [(VII)*(VIII)]**

5. Oats

**I. Level of production**

Total domestic production


**II. Producer prices (at farm gate)**

Annual average of farm gate prices (all qualities)


**III. Value of production (at farm gate) [(I)*(II)]**

**IV. Trade status**


Source: calculated as Production - Consumption

**V. Market price differential at the farm gate**

Price gap (Producer price – Reference price).
VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: EU import price, c.i.f. Rotterdam and f.o.b. Sweden price, calendar year [1]; from 1994 on: Ukrainian unit values of oat exports (NCM 100400) to all destinations [2].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/

VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

6. Sunflower

I. Level of production

Total domestic production


II. Producer prices (at farm gate)

Annual average of farm gate prices (all qualities)
III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

Exported with limited trade. [Deficit in (1987-1990)]

Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: EU export price, c.i.f. Rotterdam, calendar year [1]; for 1994-2010: Ukrainian unit values of sunflower seed exports (NCM 120600) to all destinations [2]; from 2011 on: IGC quotations for sunflower seed exports (f.o.b. Black sea) [4].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers
IX. Value of consumption (at farm gate) [(VII)*(VIII)]

7. Sugar

I. Level of production

Total usable production of white sugar obtained from domestically produced sugar beet


II. Producer prices (at farm gate)

Annual average of sugar beet prices at farm gate converted to white sugar equivalent by dividing sugar beet price by the sugar extraction ratio from sugar beet


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

1986-1998: exported


Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for the whole period: EU export price of white sugar, Bourse de Paris (daily prices), f.o.b Europe, calendar year [1].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [2]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [2].

Sources:


VII. Level of consumption (at farm gate)
Total domestic use in white sugar equivalent (total production, plus net trade, plus change in stocks).

Sources:
State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/

VIII. Consumption prices (at farm gate)
Implicit prices corresponding to reference prices plus the unit value of market transfers
Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

8. Potatoes

I. Level of production
Total domestic production

II. Producer prices (at farm gate)
Annual average of farm gate prices (all qualities)

III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status
Source: calculated as Production - Consumption

V. Market price differential at the farm gate
Positive price gap (max(Producer price – Reference price, 0)) as no price-depressing policies.

VI. Reference prices at the farm gate (including the definition of the margin)
Border price: for 1986-1994: German export unit values of fresh potato exports outside the European Union [1]; for 1995-2012: f.o.b. export unit values of German fresh potatoes to Russia; for 2013 on: f.o.b. export unit values of German fresh potatoes to all extra-EU markets [1].
Margins: no margin adjustments to the border price are made.

Sources:


VII. Level of consumption (at farm gate)

No commodity-specific information available. Presumably: Total domestic use (total production, plus net trade, plus change in stocks)

Sources: No commodity-specific information available. Presumably:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

9. Milk

I. Level of production

Total production of milk from dairy cows.


II. Producer prices (at farm gate)

Annual average of farm gate prices of cow milk


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

Exported with limited trade.

Source: calculated as Production - Consumption

V. Market price differential at the farm gate
Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1995: New Zealand farm gate price of milk (NZP) for a calendar year, actual fat content (a%) and protein content (c%), \(0.5 \times (NZP) \times ((b\%/a\%) + (d\%/c\%))\). The reference price is New Zealand farm gate price adjusted for Ukrainian fat (b%) and protein content (c%), plus transport cost for butter and skimmed-milk powder in milk equivalent (56 kg and 82 kg per tonne of milk, respectively) from New Zealand to Europe [1]; as of 1996: Ukrainian border prices of butter and SMP converted into a milk equivalent border price, using technical coefficients, calendar year milk. The border price of butter and SMP are the Ukrainian unit export values of butter (HS-040210) and skimmed milk powder (HS-040500) respectively [2, 3]. For detailed explanation of the procedure to calculate milk equivalent border price see Annex 4.1 of the PSE Manual www.oecd.org/agriculture/PSE

Margins: the processing margin is estimated based on the Ukrainian dairy industry data on butter and SMP processing margins and expressed in raw milk equivalent according to the same method that is used for milk border price.

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks) of cow milk, milk equivalent excluding milk used on farm feed

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/

VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) \[(VII) \times (VIII)\]

10. Beef and veal

I. Level of production
Gross indigenous production, carcass weight.

Source: State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/]

II. Producer prices (at farm gate)

Annual average farm gate prices for all categories of adult bovine animals for slaughter, live weight, converted to carcass equivalent

Source: State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/]

III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status


Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Price gap (Producer price – Reference price).

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: EU unit export values in extra-EU trade of meat of frozen bovine animals, calendar year [1]; from 1994 on: Ukrainian unit values of exports of frozen beef carcasses to all destinations (HS-Code 020210) [2].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks), carcass weight

Sources:

State Statistics Committee of Ukraine (Derzkomstat) [http://www.ukrstat.gov.ua/]


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

11. Pigmeat

I. Level of production

Gross indigenous production, carcass weight.


II. Producer prices (at farm gate)

Annual average farm gate prices for all pigs for slaughter, live weight, converted into carcass equivalent


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

Imported with limited trade [Surplus in individual years (2001, 2003)].

Source: calculated as Production - Consumption

V. Market price differential at the farm gate


From 2009: Positive price gap (max(Producer price – Reference price), 0). No price depressing policies identified.

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for the whole period: EU average unit export values of fresh, chilled, and frozen pigmeat in extra-EU trade, calendar year [1].

Margins: estimated on the basis of the information reported by the Khib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [2]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [2].
VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks), carcass weight

Sources:
State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/

VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]

12. Poultry

I. Level of production

Gross indigenous production, carcass weight.


II. Producer prices (at farm gate)

Annual average farm gate prices for live chickens, converted to carcass equivalent


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status


From 2013: Exported.

Source: calculated as Production - Consumption
V. Market price differential at the farm gate


From 2009: Positive price gap (max(Producer price – Reference price), 0). No price depressing policies identified.

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-1993: EU export unit values in extra-EU trade of frozen chickens (weighted average of NC 02071015 and NC 02072110 of external trade statistics), calendar year [1]; from 1994 to 2012: Ukrainian unit values of imports of frozen whole poultry from all destinations (HS-Code 020712) [2]; from 2013 on: Ukrainian average unit export values of poultry Gallus domesticus, whole and cut and frozen, fresh and chilled (covering HS-Codes 020712; 020713; and 020714) from all destinations [2].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks), carcass weight

Sources:

State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/

VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]
I. Level of production

Total usable production of eggs in shell.


II. Producer prices (at farm gate)

Annual average of farm gate prices of fresh eggs for consumption converted into a per tonne basis by dividing by average egg weight (60 g)


III. Value of production (at farm gate) [(I)*(II)]

IV. Trade status

Exported [deficit in individual years (1996-1998)]

Source: calculated as Production - Consumption

V. Market price differential at the farm gate

Positive price gap (max(Producer price – Reference price), 0). No price depressing policies identified.

VI. Reference prices at the farm gate (including the definition of the margin)

Border price: for 1986-2005: EU unit export value in extra-EU trade in poultry eggs in shell, fresh or preserved, other than eggs for hatching (NC 04070030 of external trade statistics), calendar year [1]; from 2006 on: Ukrainian average unit export values of poultry eggs in shell, fresh or preserved, other than eggs for hatching, from all destinations (HS Code 04070030) [2].

Margins: estimated on the basis of the information reported by the Khlib Ukrainy SJSC (Bread of Ukraine Corporation), other agro-food marketing associations and by the Ministry of Economy of Ukraine [3]. Transportation costs are calculated on the basis of tariff instructions and orders by the Ministry of Transport of Ukraine, as well as the tariff directory for works and services by sea-ports of Ukraine [3].

Sources:


VII. Level of consumption (at farm gate)

Total domestic use (total production, plus net trade, plus change in stocks)

Sources:
State Statistics Committee of Ukraine (Derzkomstat) http://www.ukrstat.gov.ua/


VIII. Consumption prices (at farm gate)

Implicit prices corresponding to reference prices plus the unit value of market transfers

Source: n.a.

IX. Value of consumption (at farm gate) [(VII)*(VIII)]