

USDA Foreign Agricultural Service

# GAIN Report

Global Agricultural Information Network

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## Ukraine

### Grain and Feed Update

### Revisions for Marketing Year 2016/17

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**Report Highlights:**

Ukraine has completed planting grains for the 2017 spring campaign. Weather conditions featuring low levels of soil moisture and frost in some regions have created conditions for lower-than-expected yields in general. Post estimates that total grain production for Marketing Year (MY) 2017/18 will fall below the record levels achieved over the last few MYs. Ukraine remains an active grain exporter, with wheat and barley exports already reaching record levels for MY2016/17. Exporters continue to diversify their market destinations. This is particularly notable for exports of corn and wheat flour, where there is a decreasing reliance on a small number of large buyers.

**Post:**

Kiev

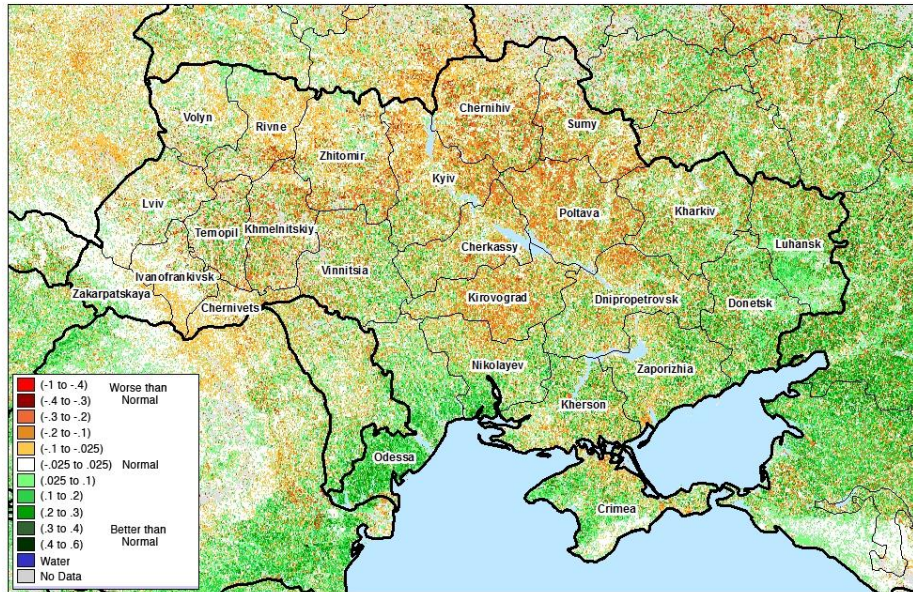
**Production**

For a more comprehensive outlook of the Ukrainian grain market please refer to our [GAIN Report UP1709](#). This report is mainly concentrated on changes that occurred during the second half of MY2016/17.

According to a report provided by the Ministry of Agricultural Policy and Food of Ukraine (MAPF), Ukrainian farmers have planted: 177 thousand hectares (ha) of spring wheat, 1.5 million ha of spring barley, and 4.5 million ha of corn as of June 13, 2017. These areas combined with winter grains planted areas, as reported by the State Statistics Service of Ukraine (SSSU) at the end of 2016 (see [GAIN Report UP1709](#) for more details), as well as available information about planting areas on the Crimean Peninsula (217 thousand ha of barley, 294 thousand ha of wheat and 2.5 thousand ha of corn), form the basis for estimated production areas for individual grain crops reflected in USDA's Production, Supply and Distribution (PSD) data (see relevant section at the end of the report for more details).

Below is a map of Ukraine generated by satellite imagery that depicts the normalized difference vegetation index (NDVI) as of early June 2017. Overall, the picture looks considerably less favorable compared to the same period in 2016, but similar to 2015. So far, there is far less green color index throughout the country at this point in the crop cycle. At the same time, there is a higher than normal area displaying white and yellow indices throughout the central-north and west, which indicates worse than normal vegetative growth, and very likely lower yields in those regions of Ukraine.

**Ukraine: MODIS NDVI Anomaly Departure from Average  
June 2 - June 9, 2017**



Source: NASA/GSFC/GIMMS - USDA/FAS/OGA

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IPA Division

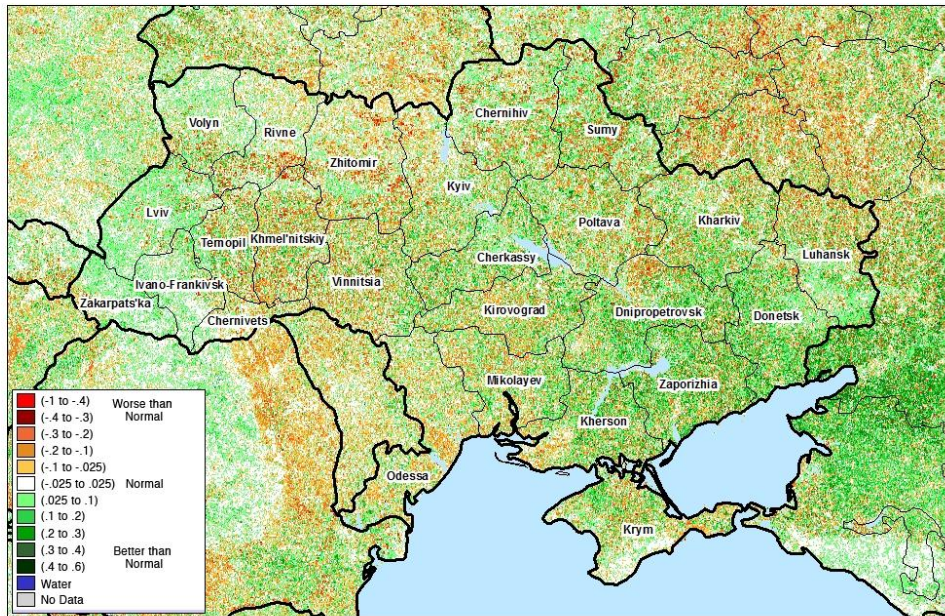
**Ukraine: MODIS NDVI Anomaly Departure from Average  
June 1-8, 2016**



Source: NASA/GSFC/GIMMS - USDA/FAS/OGA

**USDA** Office of Global Analysis  
Foreign Agricultural Service

**Ukraine: MODIS NDVI Anomaly Departure from Average  
June 2-9, 2015**



Source: NASA/GSFC/GIMMS - USDA/FAS/OGA

USDA Office of Global Analysis  
Foreign Agricultural Service

These NDVIs were used to approximate the individual yield estimates for regions of Ukraine and finalized as estimated production numbers in PSD tables (see relevant section at the end of the report for more details).

It should be noted that according to industry representatives there were quality issues with corn harvested late in the fall 2016. And corn harvested in spring 2017 did not match the quality requirements of the national standards. The current situation with dry weather could lower wheat yields; however it could boost of milling quality wheat share of total output compared to the 2016 crop.

## Trade

For more detailed information about exports of wheat, barley, and rye for MY2015/16 please refer to our previous [GAIN Report UP1709](#).

Bumper production volumes in 2016 for all major grains (except for rye) translated into increased export volumes. According to the MAPF report, Ukraine exported 17.3 million metric tons (MMT) of wheat; 20.1 MMT of corn; 5, 3 MMT of barley; 7.6 thousand metric tons (MT) of rye and 368 thousand MT of wheat flour for local MY2016/17 (July 2016-June 2017 for all mentioned crops) as of 21 June, 2017. It is notable that exports of wheat, barley, and wheat flour hit record marks.

According to information from the State Fiscal Service of Ukraine (SFSU), for July 2016-March 2017, wheat exports grew by 13 percent compared to the same period of the previous MY. Wheat

exports have been diversified by shipping over one third of total exportable volume to South Asia (predominantly India and Bangladesh) while reducing volumes shipped to the EU by nearly one half.

Wheat flour exports grew by 15 percent for July 2016-March 2017, compared to the same period of the previous MY, according to SFSU. A major change among export destinations occurred as a result of the 5.5-fold increase of exports to Africa at the expense of a 40-percent decrease of exports to traditional buyers in East and Southeast Asia -- predominantly China, North Korea and South Korea. An interesting feature of Ukrainian exports to Africa is that they have shipped to a half a dozen countries across the continent with volumes varying widely -- from 23 thousand MT to Somalia, down to only 48 MT to Chad. This is likely a sign that Ukrainian flour producers are targeting the African market to increase future market share.

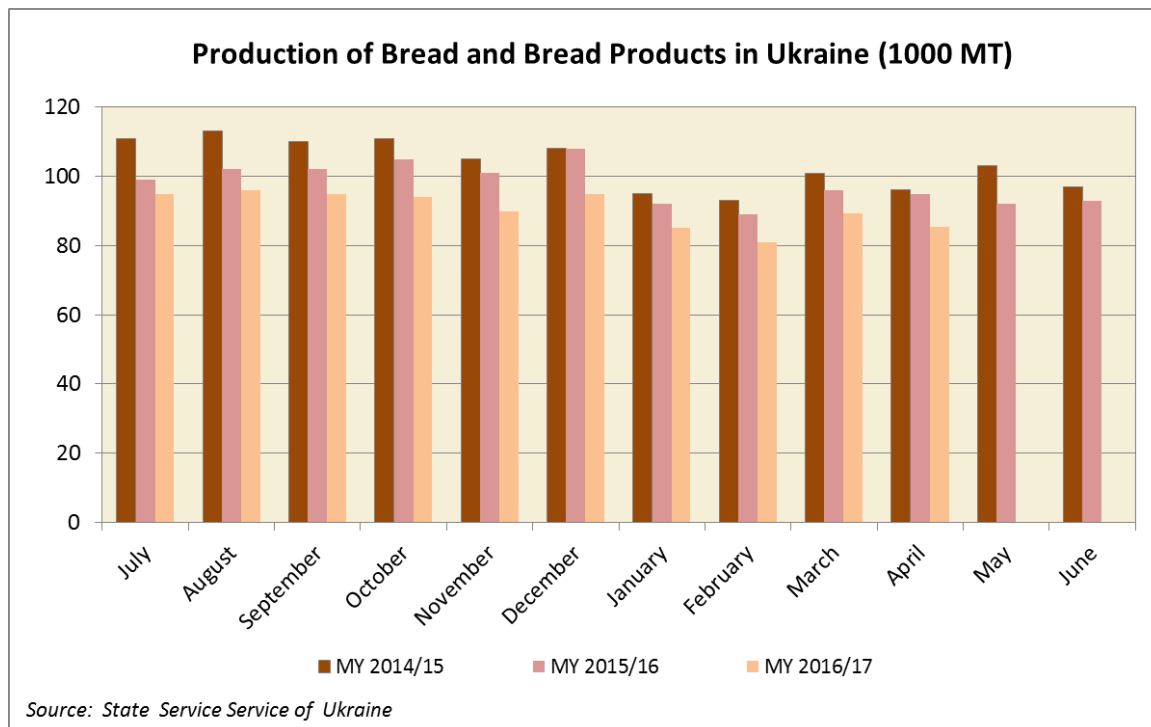
For July 2016-March 2017, barley exports grew by almost 21 percent compared to the same period of the previous MY, according to SFSU. The major driver behind this growth was a 2.7-fold increase in exports to Africa -- mainly the countries of Libya, Algeria and Tunisia.

According to SFSU, corn exports grew by almost 13 percent between October 2016-March 2017, compared to the same period of the previous MY. Ukrainian exporters lost their positions in East and Southeast Asia after a decrease in demand from the Chinese market -- down to 286 thousand MT from 1.7 MMT the same period of the previous MY. This amount was practically redirected to South Korea, Vietnam, and Japan. Another factor supporting corn exports was a boost of shipments to the Middle East -- mainly to Iran, which bought almost 2 MMT, compared to 113 thousand MT for the same period of the previous MY.

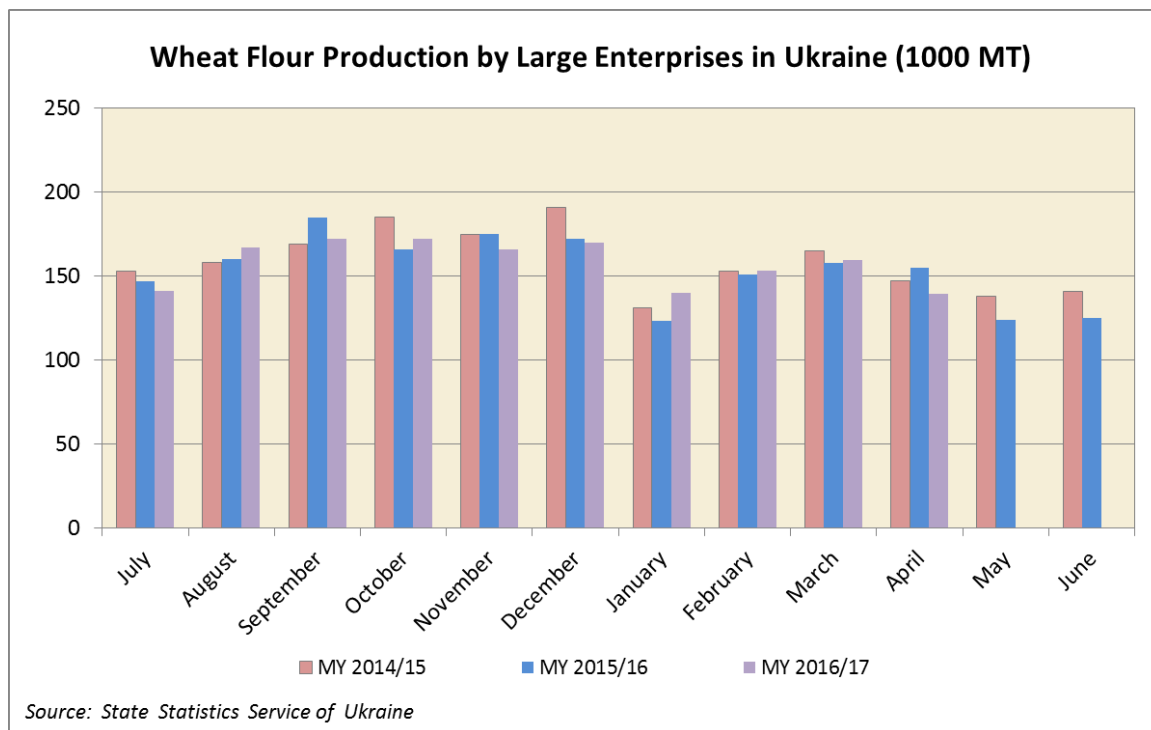
### **Consumption**

For a more detailed description of grain consumption in Ukraine please refer to our [GAIN Report UP1709](#).

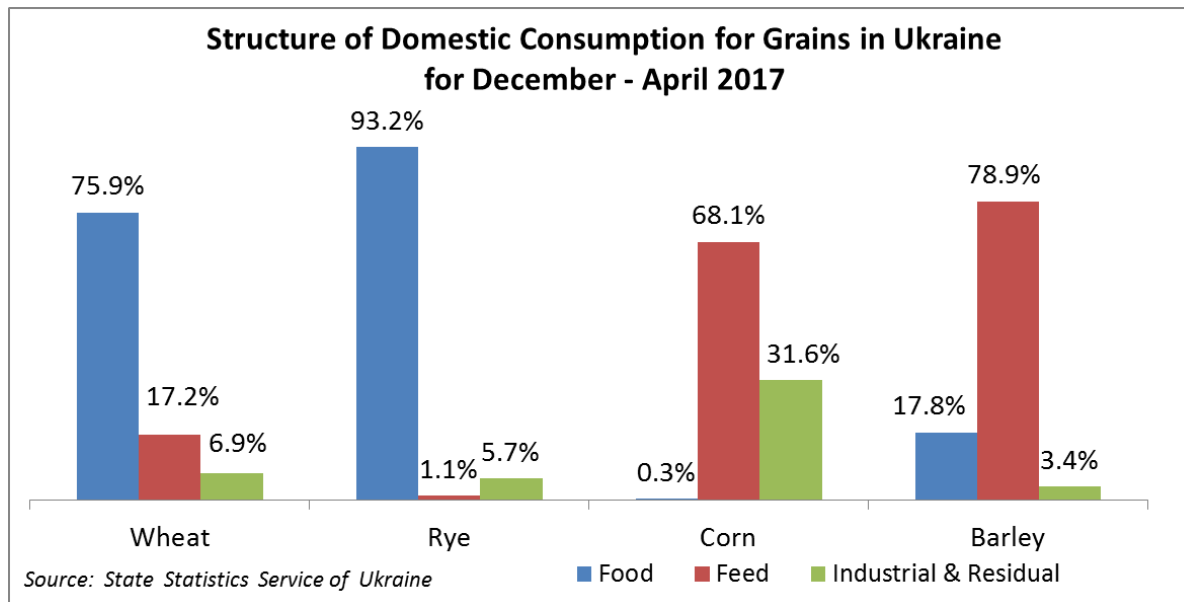
Post has further decreased wheat and rye food consumption for MY2016/17 against the previous estimate, based on ever-decreasing volumes of bread production in the country (please refer to graph below for more details).



Despite decreasing bread volumes, wheat flour production for MY2016/17 remains stable (see graph below), supported by growing exports of this commodity (please refer to Trade Section for more details).



The decrease of bread production for MY2016/17 (please refer to Production of Bread and Bread Products graph above) resulted in cuts to FSI consumption for wheat and rye in the PSD tables. These two crops are mainly intended for food consumption, particularly milling and baking (please see the graph below).

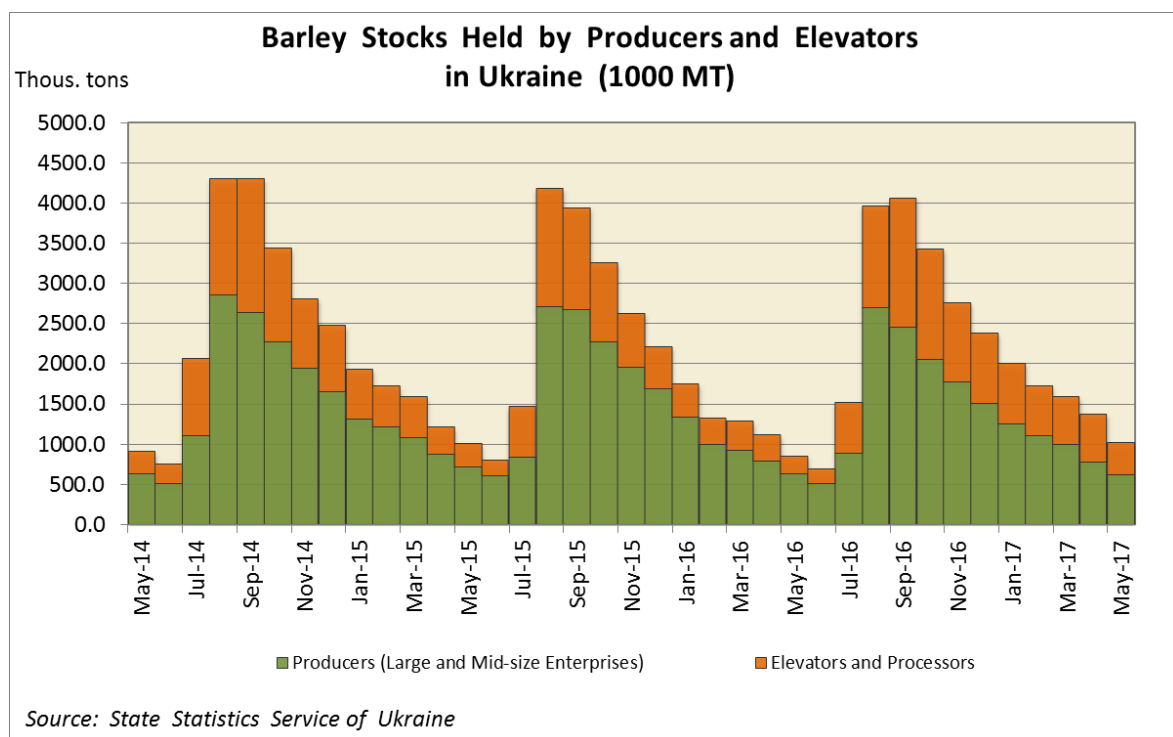
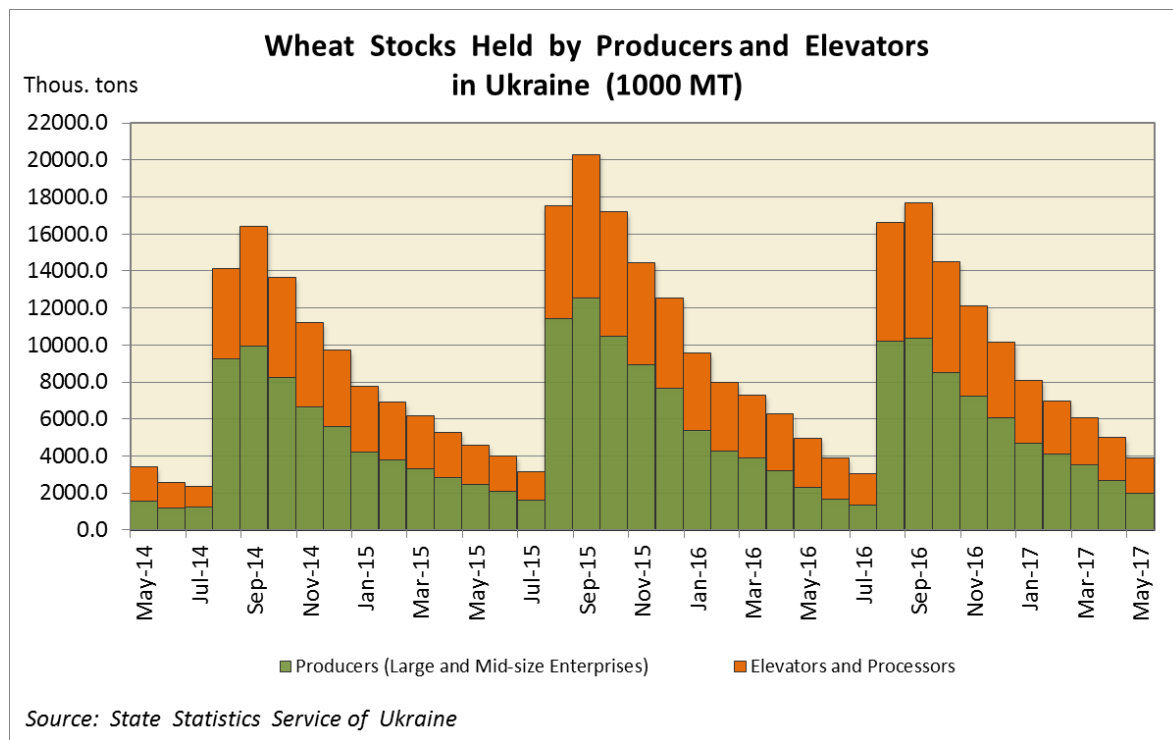


Rye feed consumption levels have been kept at a minimum for MY2016/17 on the grounds that only a small fraction of this crop is used for feed purposes (please refer to Structure of Domestic Consumption graph above). Post maintains the same level for MY2017/18 as estimated production volumes would not likely sustain increased feed consumption of this crop. Growth of rye feed consumption could only happen under an unlikely scenario involving a drop in its FSI consumption due to drastic changes in consumption patterns of the local population.

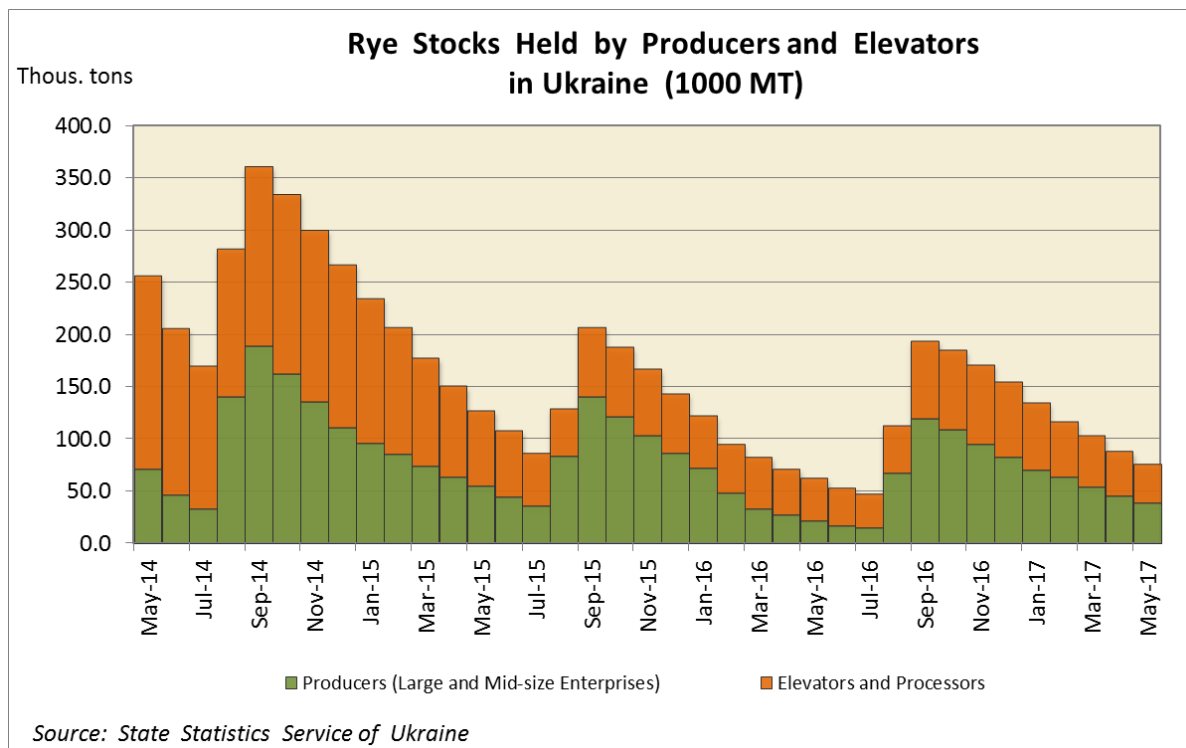
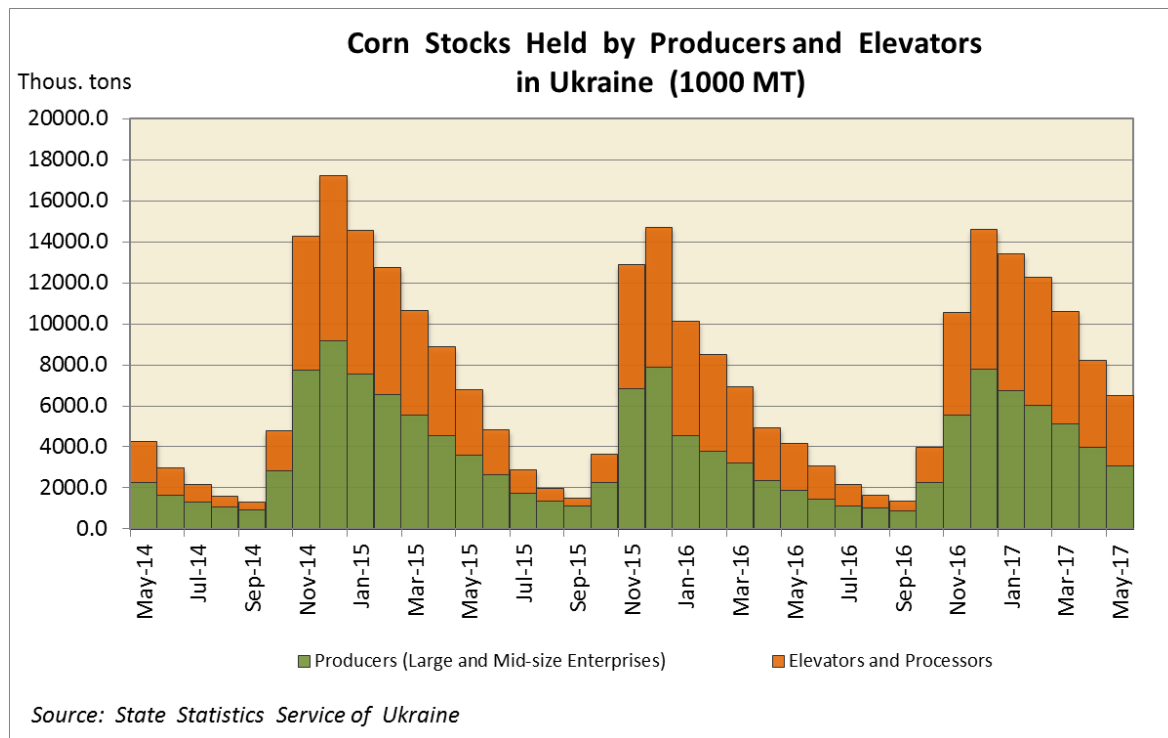
SSSU's reports lowered animal numbers in the country: a 9.3-percent decrease in pig numbers and a 1.4-percent increase for poultry for December-May 2017. The economic situation in the country does not suggest increased consumption of products of animal origin in 2017. Moreover, reports of the local Veterinary Service on outbreaks of African Swine Fever suggest a further decrease of pig herd sizes in 2017. Based in these assumptions, Post decreased the country's total feed consumption by around 5 percent for MY2016/17 compared to MY2015/16, and another 3 percent for MY2017/18 compared to MY2016/17.

## Stocks

Ending stocks for all grains at the end of MY2016/17 showed traditional depletion to minimal levels due to active exports of corn, wheat and barley. Rye stocks hit new lows caused by decreasing production of this crop for two consecutive MYs in a row. Wheat stocks were lower than usual due to active exports of both wheat and flour for MY2016/17 (please refer to Trade Section for more details).







## Production, Supply and Distribution Data

Estimated wheat flour, pasta, and bakery exports/imports have been added to export volumes for

wheat -- in wheat grain equivalent, calculated by multiplying the product weight by 1.368.

Grain production numbers include Crimean Peninsula production numbers. Please refer to the Production section of this report for more information.

**Barley:**

Post's production estimate is 24 percent higher than USDA's official data for MY2017/18, based on higher yield estimates. This revision leads to increased Post numbers compared to USDA's official data for: exports by 17 percent; feed and residual consumption by 26 percent; and FSI consumption by 7 percent.

Post's export estimate is 3 percent lower than USDA's official data for MY2016/17, based on available import data (please refer to Author Defined section at the end of the report for more details).

Post's Feed and Residual estimates are 7 percent higher than USDA's official data for MY2016/17, due to low volumes of wheat available for this purpose resulting from active exports (please refer to Trade section for more details).

Post's FSI estimates are also 7 percent higher than USDA's official data for MY2016/17, based on stable demand from domestic processors.

**Corn:**

Post's production estimate is 11 percent lower than USDA's official data for MY2017/18, based on lower yield estimates. This revision leads to decreased Post numbers compared to USDA's official data for exports by 12 percent, and Feed and Residual consumption by 14 percent, for MY2017/18.

Post's import estimate is revised 30 percent lower and Post's export estimate is revised 6 percent higher than USDA's official data for MY2016/17, based on available trade data (please refer to Author Defined section at the end of the report for more details).

**Rye:**

Post's production estimate is 6 percent lower than USDA's official data for MY2017/18, based on lower yield estimates.

Post's export estimate is 20 percent lower than USDA's official data for MY2016/17, based on available export data (please refer to Author Defined section at the end of the report for more details).

Post's Feed and Residual estimates are 80 percent lower than USDA's official data both for MY2016/17 and MY2017/18, based on the rationale discussed in the Consumption section of this report.

Post's FSI estimates are 8 percent higher than USDA's official data for MY2016/17, and 11 percent lower for MY2017/18, based on stable demand from domestic processors.

Wheat Market Begin Year Ukraine	2015/2016		2016/2017		2017/2018	
	Jul 2015		Jul 2016		Jul 2017	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	7115	7110	6450	6463	6600	6578
Beginning Stocks	5678	5678	3348	3303	2083	1987
Production	27274	27332	26800	26854	25000	25250
MY Imports	27	24	35	30	25	28
TY Imports	27	24	35	30	25	28
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	32979	33034	30183	30187	27108	27265
MY Exports	17431	17431	17800	17800	14500	14500
TY Exports	17431	17431	17800	17800	14500	14500
Feed and Residual	5100	5200	3600	3700	3900	4000
FSI Consumption	7100	7100	6700	6700	6700	6700
Total Consumption	12200	12300	10300	10400	10600	10700
Ending Stocks	3348	3303	2083	1987	2008	2065
Total Distribution	32979	33034	30183	30187	27108	27265
Yield	3.8333	3.8442	4.155	4.155	3.7879	3.8386

(1000 HA) ,(1000 MT) ,(MT/HA)

Corn Market Begin Year Ukraine	2015/2016		2016/2017		2017/2018	
	Oct 2015		Oct 2016		Oct 2017	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	4085	4084	4250	4252	4400	4483
Beginning Stocks	1819	1819	585	1383	1235	1193
Production	23333	23330	28000	28075	28500	25300
MY Imports	28	29	50	35	25	30
TY Imports	28	29	50	35	25	30
TY Imp. from U.S.	0	1	0	0	0	0
Total Supply	25180	25178	28635	29493	29760	26523
MY Exports	16595	16595	19000	20200	20500	18100
TY Exports	16595	16595	19000	20200	20500	18100
Feed and Residual	6600	5800	7000	6700	6900	5900
FSI Consumption	1400	1400	1400	1400	1400	1400
Total Consumption	8000	7200	8400	8100	8300	7300
Ending Stocks	585	1383	1235	1193	960	1123
Total Distribution	25180	25178	28635	29493	29760	26523
Yield	5.7119	5.7125	6.5882	6.6028	6.4773	5.6435

(1000 HA) ,(1000 MT) ,(MT/HA)

Barley Market Begin Year	2015/2016		2016/2017		2017/2018	
	Jul 2015		Jul 2016		Jul 2017	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Ukraine						
Area Harvested	3000	2997	3050	3054	2600	2684
Beginning Stocks	1265	1265	909	747	914	693
Production	8751	8788	9900	9938	7400	9200
MY Imports	5	6	5	8	5	6
TY Imports	5	6	5	8	5	6
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	10021	10059	10814	10693	8319	9899
MY Exports	4412	4412	5500	5300	3600	4200
TY Exports	4673	4673	5500	5200	3600	4200
Feed and Residual	3200	3400	3000	3200	2700	3400
FSI Consumption	1500	1500	1400	1500	1400	1500
Total Consumption	4700	4900	4400	4700	4100	4900
Ending Stocks	909	747	914	693	619	799
Total Distribution	10021	10059	10814	10693	8319	9899
Yield	2.917	2.9323	3.2459	3.2541	2.8462	3.4277

(1000 HA) ,(1000 MT) ,(MT/HA)

Rye Market Begin Year	2015/2016		2016/2017		2017/2018	
	Jul 2015		Jul 2016		Jul 2017	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Ukraine						
Area Harvested	152	151	144	144	170	169
Beginning Stocks	106	106	75	70	75	54
Production	394	391	390	392	450	423
MY Imports	16	15	0	2	0	1
TY Imports	16	16	0	2	0	1
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	516	512	465	464	525	478
MY Exports	21	20	10	8	10	10
TY Exports	21	20	10	8	10	10
Feed and Residual	20	2	10	2	10	2
FSI Consumption	400	420	370	400	450	400
Total Consumption	420	422	380	402	460	402
Ending Stocks	75	70	75	54	55	66
Total Distribution	516	512	465	464	525	478
Yield	2.5921	2.5894	2.7083	2.7222	2.6471	2.503

(1000 HA) ,(1000 MT) ,(MT/HA)

## Author Defined:

Wheat Export Statistics by Month and Destination, Ukraine, 1000 MT (HS Code 1001)

Destination	Subtotal Jul 2015-March 2016	Subtotal MY 2015/16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Jul 2016-March 2017	% Share Jul 2016-March 2017 to MY 2015/16	% Change Jul 2016-March 2017 to Jul 2015-March 2016
World	12,910.2	16,931.3	727.4	3,046.1	2,864.5	2,058.1	1,402.2	1,409.3	1,212.7	840.0	1,052.4	14,612.6	86.3	113.2
Africa	3,847.6	5,271.9	133.2	730.2	643.6	623.0	343.7	153.3	111.3	283.7	555.2	3,577.2	67.9	93.0
EU-28	1,742.4	2,037.3	51.4	138.6	146.9	26.5	99.2	115.4	59.1	51.9	278.0	966.9	47.5	55.5
South Asia	896.1	1,469.5	81.6	513.6	569.0	484.3	368.7	868.7	892.7	366.8	97.7	4,243.1	288.7	473.5
Middle East	1,179.5	1,522.8	70.7	135.9	254.4	109.9	45.4	69.7	85.4	133.0	63.6	967.9	63.6	82.1
East & Southeast Asia	4,958.6	6,300.4	388.5	1,457.4	1,190.6	805.7	542.7	199.8	63.9	4.7	57.8	4,710.9	74.8	95.0
Eurasian Economic Union	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	232.5	232.5
Egypt	1,567.2	2,642.0	50.8	285.0	175.6	284.4	179.5	84.4	60.7	133.9	363.2	1,617.5	61.2	103.2
Italy	470.6	631.3	12.5	27.4	30.3	21.3	36.6	11.0	49.6	10.3	108.1	307.0	48.6	65.2
Spain	1,038.6	1,110.9	0.0	77.8	75.6	0.0	21.7	101.0	5.2	25.0	95.2	401.4	36.1	38.7
Morocco	481.5	553.2	16.5	162.6	247.2	113.0	96.5	0.0	0.0	26.1	90.9	752.8	136.1	156.3
Tunisia	496.2	566.7	56.5	39.6	75.7	43.9	9.5	39.5	26.0	66.3	75.8	432.8	76.4	87.2
Indonesia	1,044.6	1,739.9	206.6	230.4	310.8	201.6	319.5	70.8	0.2	1.0	56.3	1,397.1	80.3	133.7
India	0.0	52.1	0.0	193.1	217.2	298.0	264.1	814.9	779.9	311.8	52.9	2,932.0	5627.6	∞
Turkey	105.7	112.0	0.0	2.8	22.5	0.0	1.7	0.0	0.0	0.0	46.4	73.4	65.5	69.4
Bangladesh	896.1	1,417.4	81.6	320.4	348.0	183.4	103.4	53.8	112.8	55.0	44.7	1,303.1	91.9	145.4
Portugal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	29.0	∞	∞
Mauritania	106.2	106.2	0.0	58.4	1.0	0.0	0.0	0.0	0.0	0.0	18.1	77.5	73.0	73.0
Lebanon	207.5	296.1	13.3	15.9	92.2	37.2	10.6	51.8	24.8	14.3	16.8	276.8	93.5	133.4
Greece	60.8	71.8	0.0	0.0	3.2	0.0	0.0	0.0	0.0	12.4	12.3	27.8	38.7	45.7
United Kingdom	13.0	23.9	6.1	4.0	7.0	2.1	3.8	0.0	0.0	0.0	11.4	34.4	143.8	263.3
Cyprus	0.0	9.1	0.0	0.0	0.0	0.0	27.5	0.0	1.8	1.3	8.5	39.0	428.9	∞
Netherlands	86.1	107.1	4.8	4.3	11.1	0.0	4.1	0.1	0.4	0.2	8.4	33.4	31.2	38.8
Libya	121.2	200.5	9.4	77.3	8.4	47.0	18.2	29.3	6.2	0.0	4.1	199.9	99.7	165.0
Algeria	106.3	106.3	0.0	69.3	12.3	56.1	7.4	0.0	7.4	9.1	3.0	164.7	154.9	154.9
Austria	5.2	6.2	0.0	0.0	0.9	0.0	2.0	1.2	0.0	0.0	2.0	6.1	98.4	115.9
Germany	13.8	19.7	1.0	0.2	5.7	2.2	1.7	1.1	0.6	1.0	1.9	15.3	77.7	110.9
Philippines	507.1	745.3	166.0	121.5	205.2	112.2	73.7	2.1	1.6	1.2	1.5	685.0	91.9	135.1
Yemen	36.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.2	1.2
Switzerland	8.1	8.4	26.2	2.6	1.8	0.5	1.2	0.7	1.4	1.1	0.4	35.8	426.4	443.8
Jordan	0.2	53.6	0.0	0.0	0.0	0.0	0.1	0.3	0.1	52.6	0.1	53.1	99.0	26550.5
Oman	9.8	31.2	0.0	0.0	0.0	15.3	0.4	0.0	0.0	0.1	0.0	15.7	50.3	160.5
Syria	351.8	351.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Taiwan	7.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tanzania	16.5	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	2,012.1	2,202.8	3.9	667.1	442.2	294.5	15.2	0.0	60.3	1.9	0.0	1,485.2	67.4	73.8
Vietnam	59.8	59.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Arab Emirates	14.6	19.6	0.0	0.0	0.3	0.0	0.0	5.0	0.0	0.0	0.0	5.4	27.3	36.6
Sudan	35.4	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.3	0.0	48.3	136.3	136.3
Nigeria	0.0	29.9	0.1	0.0	0.0	30.2	32.5	0.0	0.0	0.0	0.0	62.8	209.9	∞
Mexico	252.3	288.0	0.0	69.0	48.4	0.0	0.0	0.0	0.0	0.0	0.0	117.4	40.8	46.5
Romania	27.5	27.5	0.0	21.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9	119.5	119.5
Saudi Arabia	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	∞	∞
Senegal	0.0	0.0	0.0	0.0	35.5	0.0	0.0	0.0	11.0	0.0	0.0	46.5	∞	∞
Singapore	15.9	60.8	1.1	2.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	6.8	11.1	42.5
Somalia	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	113.6	156.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kenya	106.3	150.1	0.0	38.0	41.6	0.0	0.0	0.0	0.0	0.0	0.0	79.6	53.0	74.9
Korea South	1,014.9	1,139.6	0.0	426.4	223.7	164.8	126.0	119.0	1.7	0.0	0.0	1,061.7	93.2	104.6
Malaysia	160.6	184.6	8.5	9.1	5.8	4.6	8.3	1.6	0.0	0.5	0.0	38.4	20.8	23.9
Iran	0.0	33.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	8.1	∞
Israel	453.7	588.7	53.8	117.2	78.8	57.3	32.6	12.6	60.5	66.0	0.0	478.6	81.3	105.5
Japan	136.0	156.2	0.0	0.0	0.0	28.0	0.0	6.3	0.0	0.0	0.0	34.3	21.9	25.2
Djibouti	388.8	388.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ecuador	10.0	10.0	0.0	0.0	11.4	6.9	0.0	0.0	0.0	0.0	0.0	18.3	183.3	183.3
Estonia	2.9	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	11.6	13.8
Ethiopia	260.3	260.9	0.0	0.0	45.0	45.1	0.0	0.0	0.0	0.0	0.0	90.1	34.5	34.6
Other	79.9	104.7	5.8	2.0	6.2	8.6	4.5	2.9	0.6	0.8	0.9	32.2	30.8	40.3

Source: State Fiscal Service of Ukraine

Barley Export Statistics by Month and Destination, Ukraine, 1000 MT (HS Code 1003)

Destination	Subtotal Jul 2015-March 2016	Subtotal MY 2015/16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Jul 2016-March 2017	% Share Jul 2016-March 2017 to MY 2015/16	% Change Jul 2016-March 2017 to Jul 2015-March 2016
World	4,044.3	4,412.3	1,015.4	1,210.7	944.9	524.7	298.8	314.1	162.0	202.0	208.4	4,881.1	110.6	120.7
Middle East	2,426.4	2,619.6	681.9	470.0	676.7	289.1	56.6	263.0	85.2	87.1	143.5	2,753.1	105.1	113.5
EU-28	203.2	231.0	23.2	162.5	21.1	15.6	22.9	9.2	3.4	21.5	37.9	317.3	137.4	156.2
Africa	540.5	653.2	215.3	412.7	194.7	200.5	214.2	35.5	66.8	85.8	20.9	1,446.4	221.4	267.6
Eurasian Economic Union	6.9	7.3	0.0	0.5	1.4	3.8	4.9	6.1	6.6	8.6	6.3	38.2	521.5	552.9
East & Southeast Asia	862.8	872.6	91.2	159.7	50.6	10.3	0.0	0.0	0.0	0.0	0.0	311.7	35.7	36.1
Saudi Arabia	2,219.1	2,329.8	526.7	384.1	503.9	198.9	0.5	191.4	66.0	66.0	130.1	2,067.7	88.7	93.2
Cyprus	24.3	42.5	5.5	5.1	13.3	0.0	0.0	8.4	1.2	19.4	22.0	74.9	176.4	308.0
Libya	390.0	445.8	148.2	230.6	101.0	143.2	99.9	35.5	60.5	85.8	15.9	920.8	206.6	236.1
Belarus	6.1	6.1	0.0	0.5	1.4	3.8	4.9	6.1	6.6	7.6	6.1	37.0	601.2	601.2
Lebanon	5.8	13.8	5.6	10.1	14.7	26.6	4.9	3.2	5.1	12.1	5.4	87.8	637.4	1525.7
Israel	77.7	86.4	46.8	14.8	50.6	0.0	0.0	17.2	5.5	7.9	5.0	147.9	171.2	190.2
Egypt	3.3	3.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	5.0	5.5	163.2	163.2
Greece	11.8	18.7	0.0	12.0	1.7	0.0	0.0	0.0	0.0	0.0	4.4	18.2	97.0	153.8
Netherlands	3.4	5.0	0.0	2.8	0.0	0.0	1.0	0.1	1.9	0.9	4.2	10.9	218.5	320.1
United Kingdom	1.6	2.7	0.0	0.0	0.4	0.0	1.9	0.0	0.0	0.0	4.0	6.3	230.8	394.5
Turkey	0.0	11.0	9.6	15.6	6.0	0.0	6.9	0.0	8.6	0.0	2.8	49.6	451.3	∞
Romania	0.0	0.0	0.0	0.0	1.3	0.8	8.5	0.0	0.0	0.0	1.6	12.2	∞	∞
Poland	0.0	0.1	0.0	0.0	0.3	7.8	11.1	0.0	0.0	0.0	1.5	20.6	31655.4	46763.6
Armenia	0.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	1.2	102.3	158.6
Switzerland	0.1	0.1	5.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	5.4	6181.8	6181.8
Bahrain	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	46.8	71.5
Bangladesh	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	5.2	∞	∞
China	685.6	685.6	90.2	159.7	50.6	0.0	0.0	0.0	0.0	0.0	0.0	300.5	43.8	43.8
Austria	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	4.6	∞	∞
Algeria	121.8	151.3	13.0	82.9	12.6	24.7	86.7	0.0	6.3	0.0	0.0	226.2	149.6	185.8
Andorra	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Iceland	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	∞	∞
India	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	∞	∞
Indonesia	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	∞	∞
Georgia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	258.8	314.3
Germany	0.5	0.5	0.0	0.7	0.0	0.0	0.0	0.2	0.2	1.3	0.0	2.4	502.1	502.1
Qatar	37.5	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	∞	∞
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spain	158.6	158.6	5.9	123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.4	81.6	81.6
Oman	7.2	7.2	0.0	0.0	0.5	11.0	0.0	0.6	0.0	0.0	0.0	12.2	167.7	167.7
Pakistan	5.2	29.6	1.9	5.2	0.4	0.3	0.0	0.2	0.0	0.0	0.0	8.1	27.2	154.5
Moldova	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	118.3	118.3
Morocco	25.3	25.3	26.5	25.2	49.4	5.9	0.0	0.0	0.0	0.0	0.0	107.1	423.4	423.4
Italy	2.8	2.8	6.6	14.1	4.2	7.0	0.0	0.0	0.0	0.0	0.0	31.9	1145.2	1145.2
Japan	177.2	187.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	10.3	5.5	5.8
Jordan	52.5	86.1	92.6	0.0	30.0	52.5	0.0	50.6	0.0	0.0	0.0	225.6	261.9	429.7
Kazakhstan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Kuwait	0.0	0.0	0.0	0.0	43.4	0.0	44.1	0.0	0.0	0.0	0.0	87.5	∞	∞
Tunisia	0.0	27.5	27.5	74.1	31.7	26.1	27.5	0.0	0.0	0.0	0.0	186.9	679.6	∞
United Arab Emirates	25.5	26.3	0.4	45.3	27.6	0.0	0.1	0.0	0.0	0.0	0.0	73.4	279.1	287.7
United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞

Source: State Fiscal Service of Ukraine

## Corn Export Statistics by Month and Destination, Ukraine, 1000 MT (HS Code 1005)

Destination	Subtotal Oct 2015-March 2016	Subtotal MY 2015/16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Oct 2016-March 2017	% Share Oct 2016-March 2017 to MY 2015/16	% Change Oct 2016-March 2017 to Oct 2015-March 2016
World	11,984.2	16,595.3	1,354.8	2,264.5	2,647.4	2,312.3	1,811.9	3,127.2	13,518.0	81.5	112.8
EU-28	6,837.8	8,487.3	526.3	605.8	1,005.9	1,059.1	838.4	1,224.2	5,259.7	62.0	76.9
Africa	2,102.5	3,461.4	465.2	643.5	702.4	655.0	494.4	920.9	3,881.5	112.1	184.6
Middle East	823.7	1,653.0	362.0	670.5	485.7	447.2	355.8	588.3	2,909.4	176.0	353.2
East & Southeast Asia	1,971.9	2,727.7	0.3	291.0	449.3	90.0	69.3	389.8	1,289.8	47.3	65.4
Eurasian Economic Union	8.1	23.3	1.0	0.0	0.9	1.0	1.3	3.9	8.3	35.5	102.1
Egypt	1,241.6	2,180.8	214.8	428.9	444.0	337.2	194.8	681.6	2,301.3	105.5	185.3
Netherlands	1,184.9	1,357.8	51.4	92.9	340.3	201.5	240.3	348.9	1,275.3	93.9	107.6
Israel	434.5	600.7	100.0	49.0	57.2	132.0	57.3	274.7	670.2	111.6	154.2
Korea South	66.4	92.9	0.3	232.4	91.3	3.0	69.3	266.4	662.7	713.3	997.5
Italy	1,143.6	1,578.7	180.3	133.7	122.7	187.0	140.3	256.5	1,020.5	64.6	89.2
Spain	2,276.4	2,738.3	179.3	253.4	234.3	453.1	207.9	248.1	1,576.1	57.6	69.2
Iran	112.8	673.4	250.5	597.1	382.8	299.1	235.4	196.5	1,961.5	291.3	1739.7
Tunisia	522.5	700.5	111.2	112.6	127.2	72.3	98.1	118.7	640.1	91.4	122.5
Portugal	715.0	852.5	63.3	5.3	215.9	90.3	53.6	91.9	520.3	61.0	72.8
Ireland	302.6	361.6	24.2	6.4	20.8	61.6	37.2	85.4	235.6	65.2	77.9
Vietnam	0.8	1.1	0.0	0.0	56.9	0.0	0.0	66.0	122.9	11330.4	16391.3
United Kingdom	129.4	141.3	16.3	42.2	0.0	0.0	0.0	58.6	117.1	82.8	90.5
Japan	0.0	0.0	0.0	57.0	101.0	1.2	0.0	57.5	216.7	985095.5	985095.5
Algeria	93.1	109.6	27.5	0.0	0.0	36.8	48.3	43.9	156.5	142.8	168.1
Lebanon	195.1	258.0	11.5	24.0	45.4	14.9	62.9	42.9	201.6	78.1	103.3
Belgium	305.2	479.5	0.0	62.9	58.0	49.3	122.8	35.3	328.2	68.4	107.6
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	30.3	32.9	63.2	∞	∞
Cyprus	37.6	67.1	3.8	5.5	6.2	0.0	5.0	29.7	50.1	74.7	133.3
Greece	16.1	28.7	6.6	0.0	5.4	11.0	13.1	27.8	63.8	222.5	396.6
Jordan	0.1	0.1	0.0	0.0	0.0	0.0	0.0	26.7	26.7	18547.9	18547.9
United Arab Emirates	0.1	0.2	0.0	0.2	0.0	0.2	0.0	25.1	25.5	11602.7	19049.3
Oman	13.2	13.2	0.0	0.0	0.0	0.0	0.0	22.2	22.2	168.2	168.2
Poland	221.0	273.4	1.0	0.0	0.0	1.6	0.5	19.7	22.8	8.3	10.3
Libya	199.3	315.0	111.7	58.9	35.8	61.4	16.9	18.0	302.7	96.1	151.9
Angola	2.0	2.0	0.0	0.0	0.0	0.2	0.7	15.6	16.6	828.2	828.2
Lithuania	90.1	92.6	0.0	0.0	0.9	3.1	14.5	12.5	31.0	33.5	34.4
Senegal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.0	∞	∞
Belarus	8.0	23.2	1.0	0.0	0.9	1.0	1.3	3.9	8.2	35.2	101.7
Switzerland	0.6	39.5	0.0	0.0	0.2	0.6	0.3	2.8	3.9	9.8	606.1
Germany	387.8	448.5	0.0	0.0	0.0	0.0	0.8	1.6	2.3	0.5	0.6
Morocco	0.0	16.9	0.0	0.0	0.0	15.0	0.0	0.0	15.0	88.8	∞
Syria	58.0	82.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	27.5	71.5	0.0	43.1	95.3	130.6	104.6	0.0	373.6	522.6	1358.7
Bangladesh	0.0	0.0	0.0	53.0	0.0	0.0	52.5	0.0	105.5	∞	∞
China	1,750.2	2,376.1	0.0	1.5	199.8	85.5	0.0	0.0	286.7	12.1	16.4
Hong Kong	154.5	257.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	227.6	228.0	0.0	0.0	0.0	56.1	0.0	0.0	56.1	24.6	24.6
Other	66.5	131.6	0.0	4.4	4.9	6.7	3.2	9.1	28.3	21.5	42.6

Source: State Fiscal Service of Ukraine

**Corn Seed Imports to Ukraine by Month and Country of Origin, MT (HS Code 100510)**

Destination	Subtotal Oct 2015-March 2016	Subtotal MY 2015/16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Oct 2016-March 2017	% Share Oct 2016-March 2017 to MY 2015/16	% Change Oct 2016-March 2017 to Oct 2015-March 2016
World	23,228	28,631	187	886	2,410	2,194	7,940	9,235	22,852	79.8	98.4
EU-28	20,203	24,874	143	886	2,029	2,096	7,353	7,901	20,408	82.0	101.0
Middle East	426	688	0	0	292	54	59	47	452	65.7	106.1
Eurasian Economic Union	0	19	0	0	0	0	0	0	0	0.0	∞
Romania	7,345	9,108	37	778	1,290	654	3,282	2,637	8,678	95.3	118.1
Hungary	7,788	8,530	84	108	448	714	2,283	2,311	5,948	69.7	76.4
France	4,459	6,087	22	0	279	434	856	2,233	3,824	62.8	85.8
Serbia	2,470	2,809	0	0	71	43	450	1,222	1,786	63.6	72.3
Switzerland	105	105	0	0	0	230	689	382	1,301	1239.0	1239.0
Austria	52	301	0	0	0	46	192	129	367	121.9	705.8
Slovakia	118	173	0	0	0	18	29	94	141	81.5	119.5
Spain	0	76	0	0	0	0	20	64	84	110.5	∞
Chile	107	206	44	0	18	0	74	64	200	97.1	186.9
Turkey	426	688	0	0	292	54	59	47	452	65.7	106.1
Germany	189	278	0	0	11	0	0	35	46	16.5	24.3
Croatia	84	129	0	0	0	0	0	14	14	10.9	16.7
Poland	0	0	0	0	0	0	0	2	2	∞	∞
New Zealand	16	16	0	0	0	0	0	1	1	6.3	6.3
Greece	0	3	0	0	0	0	0	0	0	0.0	∞
Czech Republic	63	83	0	0	0	0	0	0	0	0.0	0.0
Belarus	0	19	0	0	0	0	0	0	0	0.0	∞
Bulgaria	0	0	0	0	0	0	2	0	2	∞	∞
Italy	0	0	0	0	0	0	0	0	0	∞	∞
Mexico	0	5	0	0	0	0	0	0	0	0.0	∞
Moldova	6	7	0	0	0	0	0	0	0	0.0	0.0
United States	0	5	0	0	0	0	3	0	3	60.0	∞

Source: State Fiscal Service of Ukraine

**Rye Export Statistics by Month and Destination, Ukraine, MT (HS Code 1002)**

Destination	Subtotal Jul 2015-March 2016	Subtotal MY 2015/16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Jul 2016-March 2017	% Share Jul 2016-March 2017 to MY 2015/16	% Change Jul 2016-March 2017 to Jul 2015-March 2016
World	14,071	19,720	0	179	0	0	0	0	150	0	4,266	4,595	23.3	32.7
Bangladesh	7,503	7,503	0	0	0	0	0	0	0	0	4,206	4,206	56.1	56.1
Germany	110	110	0	0	0	0	0	0	0	0	60	60	54.5	54.5
Israel	3,278	3,278	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Lithuania	926	1,120	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Poland	0	65	0	0	0	0	0	0	88	0	0	88	135.4	∞
South Africa	0	5,389	0	0	0	0	0	0	0	0	0	0	0.0	∞
Belarus	128	128	0	179	0	0	0	0	0	0	0	179	139.8	139.8
Egypt	2,126	2,126	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Andorra	0	0	0	0	0	0	0	0	0	0	0	0	∞	∞
Austria	0	0	0	0	0	0	0	0	62	0	0	62	∞	∞

Source: State Fiscal Service of Ukraine



Wheat Flour and Products Export Statistics by Month and Destination, Ukraine, MT (HS Codes 1101, 190219, 190230, 190240)

Destination	Subtotal Jul 2015-March 2016	Subtotal MY 2015/16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Jul 2016-March 2017	% Share Jul 2016-March 2017 to MY 2015/16	% Change Jul 2016-March 2017 to Jul 2015-March 2016
World	270,918	365,418	31,707	31,017	37,001	34,475	35,755	44,626	27,587	34,755	34,769	311,692	85.3	115.1
Africa	11,406	26,035	6,870	5,696	5,814	8,421	4,953	11,106	7,703	6,043	5,481	62,087	238.5	544.3
East & Southeast Asia	135,578	174,173	10,608	9,174	14,439	11,061	10,819	14,643	5,377	7,168	10,034	93,323	53.6	68.8
EU-28	16,906	22,189	944	1,379	1,590	1,519	1,275	1,379	1,302	958	1,188	11,534	52.0	68.2
Eurasian Economic Union	3,927	4,836	349	292	304	747	739	453	435	427	840	4,586	94.8	116.8
Middle East	38,722	48,806	5,353	6,568	6,397	5,680	8,904	9,090	6,051	8,821	5,243	62,107	127.3	160.4
China	62,387	83,188	6,986	6,377	9,933	7,634	5,763	8,315	2,227	5,760	9,272	62,267	74.9	99.8
Marshall Islands	0	0	0	0	644	686	2,410	1,323	828	1,645	3,332	10,868	∞	∞
Moldova	27,130	34,975	2,105	2,711	3,030	3,525	2,737	2,943	2,929	3,228	3,135	26,343	75.3	97.1
Somalia	838	1,832	1,394	480	1,680	2,798	3,747	3,575	3,096	3,408	3,005	23,183	1265.4	2766.5
Palestine	16,113	21,929	2,015	2,487	2,987	1,994	3,414	3,460	2,390	4,599	2,772	26,118	119.1	162.1
Israel	27,848	32,703	2,230	2,453	4,020	1,700	4,459	2,309	1,557	3,349	2,718	24,795	75.8	89.0
Panama	15,817	26,868	3,361	2,688	1,633	624	480	240	568	1,672	2,256	13,522	50.3	85.5
Angola	7,230	7,614	0	4,131	3,217	5,279	912	6,960	4,296	1,719	1,652	28,166	369.9	389.6
Yemen	94	334	0	13	192	96	100	350	480	630	726	2,587	774.6	2752.1
Georgia	2,661	4,264	743	1,053	443	522	711	442	268	339	642	5,163	121.1	194.0
Belarus	1,749	2,497	303	245	159	176	273	170	243	220	569	2,358	94.4	134.8
Belize	0	0	0	0	0	0	0	0	0	96	480	576	∞	∞
United Arab Emirates	1,735	3,488	924	1,521	1,110	2,532	2,931	4,773	2,478	2,670	432	19,371	555.4	1116.5
Korea North	27,635	31,687	2,544	2,544	3,896	3,426	4,932	5,718	2,876	240	398	26,574	83.9	96.2
Philippines	2,982	5,748	0	0	542	0	0	245	150	392	340	1,669	29.0	56.0
Jordan	48	184	0	0	0	0	49	356	735	588	294	2,022	1098.9	4212.5
Sierra Leone	1,986	2,458	234	49	332	5	196	282	146	0	263	1,507	61.3	75.9
Russia	2,091	2,219	30	46	129	554	465	267	191	208	255	2,145	96.7	102.6
Kenya	0	0	0	0	0	0	0	0	0	0	235	235	∞	∞
Ghana	6	48	6	0	0	15	7	48	23	797	230	1,126	2345.8	18766.7
Oman	0	28	0	0	0	24	0	93	0	0	230	347	1239.3	∞
United Kingdom	2,190	3,620	257	286	354	437	89	259	128	280	220	2,310	63.8	105.5
Germany	1,154	1,470	126	93	204	144	222	142	117	134	190	1,372	93.3	118.9
Romania	1,318	1,584	160	123	154	156	108	218	178	117	163	1,377	86.9	104.5
Spain	1,641	2,037	143	118	185	171	194	145	165	156	158	1,435	70.4	87.4
Lebanon	909	1,664	725	768	500	476	432	378	376	880	120	4,655	279.7	512.1
Netherlands	498	642	59	38	83	88	29	44	22	51	84	498	77.6	100.0
Latvia	1,188	1,623	66	46	157	106	190	117	26	63	84	855	52.7	72.0
Chad	0	0	0	0	0	0	0	0	0	0	48	48	∞	∞
Benin	171	219	0	144	0	0	0	95	24	24	48	335	153.0	195.9
Slovakia	82	82	0	0	0	0	0	16	0	0	47	63	76.8	76.8
Italy	350	495	34	36	32	27	43	42	44	21	45	324	65.5	92.6
Greece	81	107	7	12	10	15	10	19	0	16	40	129	120.6	159.3
Hungary	133	174	25	27	22	13	34	27	17	44	39	248	142.5	186.5
Iraq	1,592	2,074	220	207	63	300	77	288	144	13	32	1,344	64.8	84.4
Portugal	274	299	0	0	0	25	25	25	25	0	25	125	41.8	45.6
Czech Republic	251	314	24	36	27	15	8	19	28	19	25	201	64.0	80.1
Singapore	24	4,301	0	0	0	0	24	0	48	776	24	872	20.3	3633.3
Hong Kong	2,259	2,259	0	0	0	0	52	172	76	0	0	300	13.3	13.3
Korea South	19,400	20,265	0	0	0	0	0	192	0	0	0	192	0.9	1.0
Indonesia	20,599	22,822	528	230	0	0	0	0	0	0	0	758	3.3	3.7
Turkmenistan	1,111	1,179	0	0	68	68	0	0	0	0	0	136	11.5	12.2
Switzerland	788	788	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Syria	2,613	2,613	0	0	46	0	0	0	0	0	0	46	1.8	1.8
Other	13,936	32,713	6,460	2,052	1,150	839	632	557	686	603	142	13,121	40.1	94.2

Source: State Fiscal Service of Ukraine

Wheat Flour and Products Import Statistics by Month and Country of Origin, Ukraine, MT (HS Codes 1101, 190219, 190230, 190240)

Destination	Subtotal Jul 2015-March 2016	Subtotal MY 2015/16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Subtotal Jul 2016-March 2017	% Share Jul 2016-March 2017 to MY 2015/16	% Change Jul 2016-March 2017 to Jul 2015-March 2016
World	11,587	16,282	1,620	1,742	2,094	2,163	2,425	2,417	1,457	1,839	2,438	18,195	111.7	157.0
Africa	3	5	0	0	0	0	0	0	0	0	0	0	0.0	0.0
East & Southeast Asia	215	277	80	23	0	38	12	43	32	1	28	257	92.8	119.5
EU-28	7,496	10,435	1,143	1,206	1,379	1,269	1,642	1,396	1,021	1,142	1,305	11,503	110.2	153.5
Eurasian Economic Union	1,502	1,816	18	176	137	114	58	175	83	187	206	1,154	63.5	76.8
Middle East	2,263	3,615	377	327	578	738	692	800	317	499	899	5,227	144.6	231.0
Turkey	2,239	3,591	377	327	578	738	692	800	317	499	899	5,227	145.6	233.5
Italy	4,275	6,120	560	771	933	831	1,139	751	686	581	653	6,905	112.8	161.5
Poland	2,460	3,280	426	295	367	342	379	445	296	429	546	3,525	107.5	143.3
Russia	1,492	1,746	18	176	137	56	19	175	20	178	138	917	52.5	61.5
Belarus	10	70	0	0	0	58	39	0	63	9	68	237	338.6	2370.0
Hungary	159	240	71	26	35	7	59	52	3	36	42	331	137.9	208.2
China	124	154	55	6	0	37	11	26	19	1	25	180	116.9	145.2
Czech Republic	66	66	11	0	12	0	0	10	0	10	21	64	97.0	97.0
France	251	308	7	40	8	31	12	29	6	31	17	181	58.8	72.1
Germany	71	85	2	20	6	3	5	8	1	3	7	55	64.7	77.5
Greece	20	23	20	30	5	15	14	17	0	8	6	115	500.0	575.0
Netherlands	19	24	6	4	1	2	2	9	0	7	5	36	150.0	189.5
Belgium	0	6	2	4	0	2	7	3	3	0	4	25	416.7	∞
Finland	36	44	0	1	0	6	6	3	2	4	3	25	56.8	69.4
Thailand	39	62	1	3	0	0	0	12	0	0	2	18	29.0	46.2
Japan	0	1	0	0	0	0	1	0	0	0	1	2	200.0	∞
United States	102	115	3	10	0	2	20	2	4	0	0	41	35.7	40.2
Vietnam	51	59	23	14	0	1	0	5	13	0	0	56	94.9	109.8
United Arab Emirates	24	24	0	0	0	0	0	0	0	0	0	0	0.0	0.0
United Kingdom	7	7	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Norway	0	0	0	0	0	2	0	0	0	0	0	2	∞	∞
Pakistan	0	0	0	0	0	0	0	0	0	0	0	0	∞	∞
Romania	46	59	16	14	0	13	15	4	14	1	0	77	130.5	167.4
Slovakia	23	88	0	0	0	0	0	0	5	5	0	10	11.4	43.5
Spain	1	6	0	0	0	0	0	6	0	0	0	6	100.0	600.0
Sweden	5	7	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Switzerland	13	13	0	0	3	0	4	7	5	0	0	19	146.2	146.2
Latvia	44	61	21	0	0	18	0	50	0	20	0	109	178.7	247.7
Lithuania	0	0	0	0	9	0	0	0	0	8	0	17	∞	∞
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	∞	∞
Morocco	3	5	0	0	0	0	0	0	0	0	0	0	0.0	0.0
India	0	0	0	0	0	0	0	0	0	0	0	0	∞	∞
Israel	0	0	0	0	0	0	0	0	0	0	0	0	∞	∞
Croatia	1	1	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Brazil	0	9	0	0	0	0	0	0	0	9	0	9	100.0	∞
Bulgaria	0	0	0	0	0	0	0	4	0	0	0	4	∞	∞

Source: State Fiscal Service of Ukraine