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Ukraine

Grain and Feed Update

Lower Production Volumes, Active Exports

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Report Highlights:

The Ministry of Agriculture reports that Ukraine has completed harvest of all grain crops for MY2017/18. Preliminary production numbers indicate that Ukraine will remain an active exporter in the Black Sea region for wheat, barley and corn, although export volumes will be lower compared to MY2016/17. Rye remains a marginal crop mainly utilized for domestic consumption, but in MY2017/18, Ukraine will likely see substantially higher export volumes supported by growth in production.

Post:

Kiev

Executive Summary:**Production**

This report focuses on changes that occurred at the end of MY2016/17 and contains revised forecasts for MY2017/18. For a more comprehensive outlook of the Ukrainian grain market please refer to [GAIN Report UP1709](#).

According to a December 2017 report from the Ministry of Agricultural Policy and Food of Ukraine (MAPF), Ukrainian farmers have completed the harvest of:

- wheat – 26.1 million metric tons (MMT), over 2 percent below the previous year;
- corn – 25.2 MMT, 13 percent below the previous year;
- barley – 8.3 MMT, 14 percent below the previous year; and
- rye – 497 thousand metric tons (MT), a 23-percent increase over the previous year.

According to the data available to FAS-Kyiv, grain production in the Crimean Peninsula is estimated at:

- wheat – 870 thousand MT, 13-percent increase over previous year;
- corn – around 7 thousand MT, 33-percent increase over previous year;
- barley – 416 thousand MT, 7-percent decrease below the previous year;
- rye – 3 thousand MT, which is similar to 2016 output.

It should be noted that the abovementioned grain production volumes are reported in bunker weight and have been converted to estimated commodity (final) weight by subtracting 3 percent. The converted estimates are included in the Production, Supply and Distribution (PSD) Tables (please refer to the relevant section of this report).

The continued decrease of barley production is largely explained by the fact that it offers, on average, 25 percent lower yields compared to wheat, yet production costs for the two crops are comparable. The surge of rye production in 2017 was stimulated by a deficit of this crop on the domestic market for two years in a row. The decreased corn production resulted from unfavorable weather conditions in summer 2017.

In the long-term perspective, grain production areas are falling victim to higher profit margins generated from oilseeds. As a result, areas under sunflowers and soybeans are peaking for the third year in a row, which limits farmers' ability to expand grain production areas. For general information about oilseed production and trade in Ukraine please refer to our [GAIN Report UP1706](#).

MAPF reported the following planted areas under winter crops: wheat – around 6 million hectares (ha), which is similar to the previous year; barley – 823 thousand ha, 7 percent below the previous year; and rye – 147 thousand ha, 7 percent below the previous year. At the time of this report, MAPF noted that

around 86 percent of winter crops are in good condition.

Trade

For more detailed information about exports of wheat, barley, rye and wheat flour for MY2016/17, please refer to the Trade Section in [GAIN Report UP1723](#).

According to information from the State Fiscal Service of Ukraine (SFSU), Ukraine exported over 21 MMT of corn for local MY2016/17 (October 2016-September 2017), which is over 28 percent higher compared to the previous MY. This growth in exports resulted from increased domestic corn production in 2016.

For MY2016/17 the major traditional destinations for Ukrainian corn exports were: the EU – over 9 MMT, around 9-percent increase compared to the previous MY and Africa (predominantly Egypt) – 5.6 MMT, 61-percent increase compared to the previous MY. The impressive 2.3-fold growth in exports has been achieved with Middle Eastern countries buying 3.8 MMT in total. The major part of this volume (2.2 MMT) has been shipped to Iran. Exports to East and Southeast Asia have decreased by 8 percent, down to around 2.5 MMT mainly due to slow demand from China, which is Ukraine's main trading partner in this region.

Two major factors that will influence grain exports for MY2017/18 include: the Memorandum of Understanding on grain exports between MAPF and representatives of local non-governmental organizations (please refer to [GAIN Report UP1728](#)) and current issues with railroad logistics from inland to port silos.

According to SFSU's data, at the beginning of MY2017/18 (July-October 2017) exports of wheat and barley decreased by around 6 and 3 percent, respectively, compared to the same period of the previous year. This is likely the result of lower production volumes and lack of grain railway cars to satisfy the high demand for inland grain shipments.

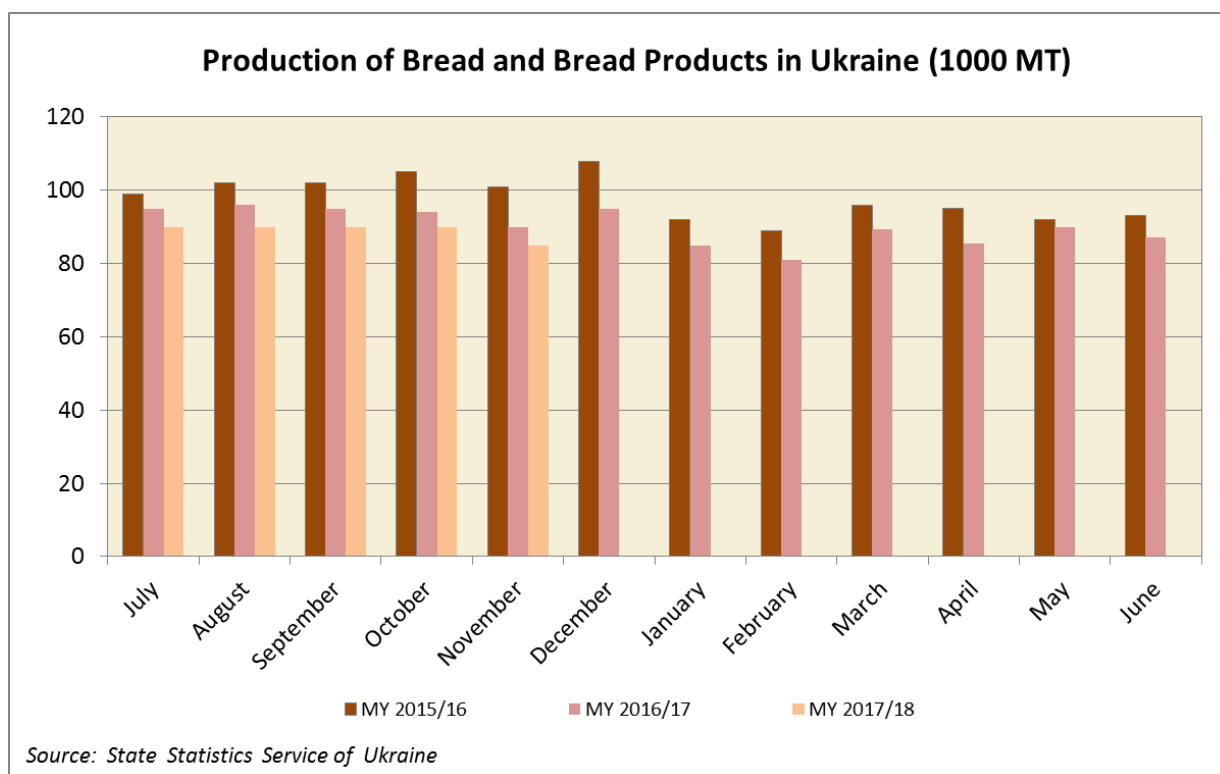
However, the decreased volumes of wheat exports are partially offset by a 24-percent growth of wheat flour exports thus far in MY2017/18, compared to the same period of the previous MY. Africa, East and Southeast Asia and the Middle East remain major export destinations for Ukrainian millers.

In July-October 2017, rye exports soared up to 9.6 thousand MT compared to 179 MT for the same period in 2016. This increase is the result of both increased production areas and better yields compared to the previous year. However, rye is currently a marginal crop for farmers. It has lower yields with similar production costs compared to other grains (wheat and barley).

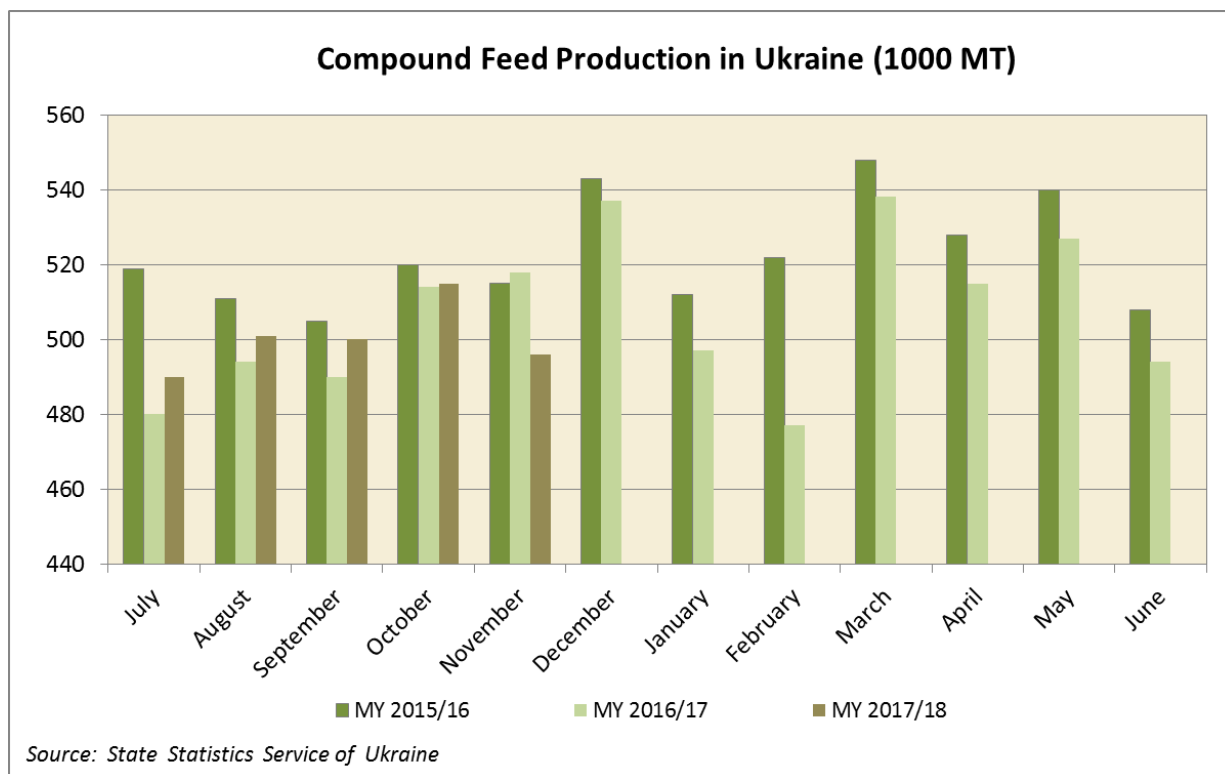
Consumption

For a description of grain consumption in Ukraine for MY2016/17, please refer to the Consumption Section our previous [GAIN Report UP1723](#).

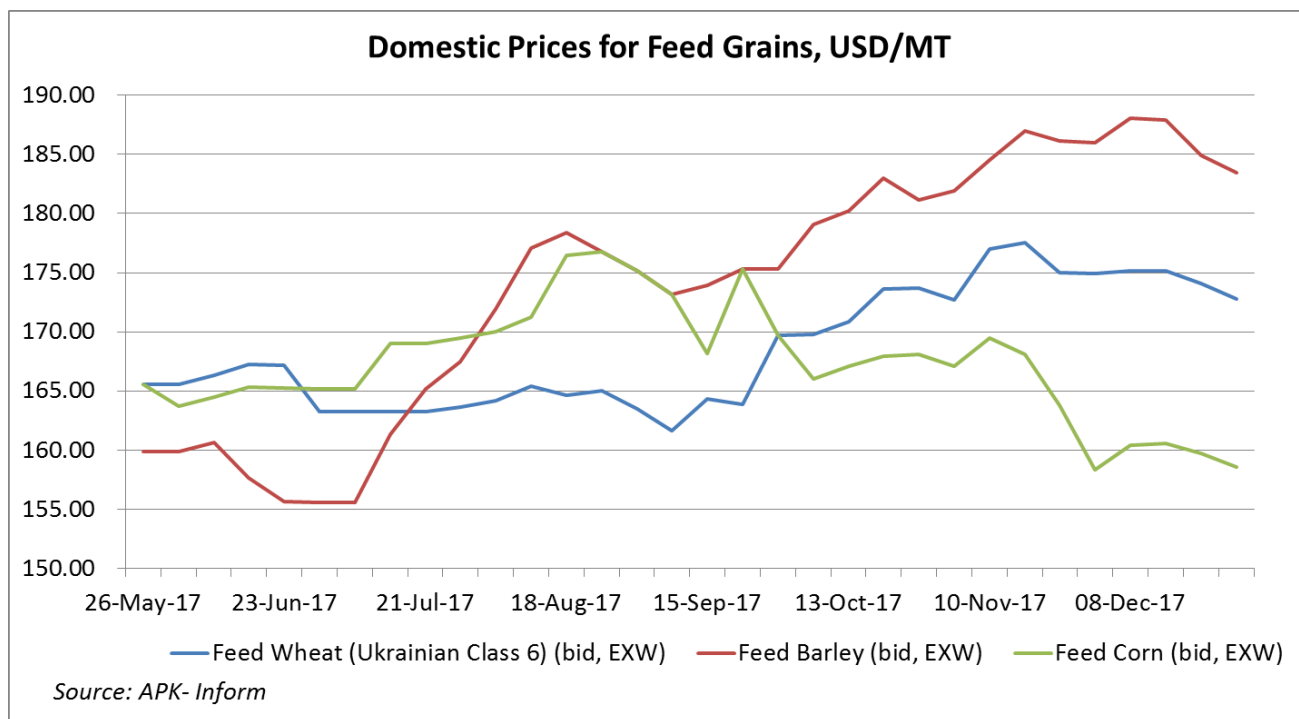
Based on the updated information indicating declining volumes of bread and feed production till the end of 2017 (please refer to graphs below for more details), FAS Kyiv maintains decreased numbers for food consumption for all major grains (except for rye) for MY2017/18. Rye food consumption has been slightly increased, reflecting its growing availability on the domestic market. The decreased food consumption of grain crops (mainly wheat) in Ukraine is predominantly due to two factors: 1) steady decline of the country's population; and 2) shifting food consumption patterns away from primarily bread and bakery products towards increased consumption of higher value dairy and meats resulting from steady growth of average salaries.



Based on available information about feed production in Ukraine (please refer to the graph below), FAS Kyiv maintains decreased total feed consumption numbers for all grains (except for rye) for MY2016/17. The total feed consumption forecast for MY2017/18 is unchanged compared to MY2016/17, based on an assumption of stable animal and poultry numbers through the end of 2018.

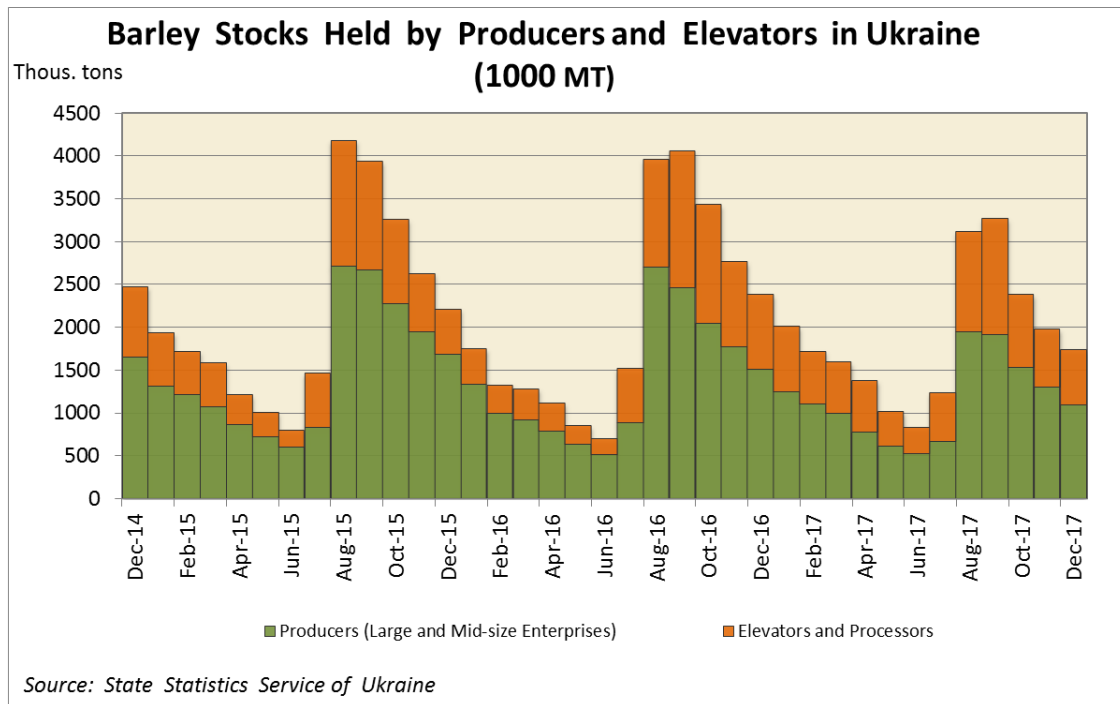
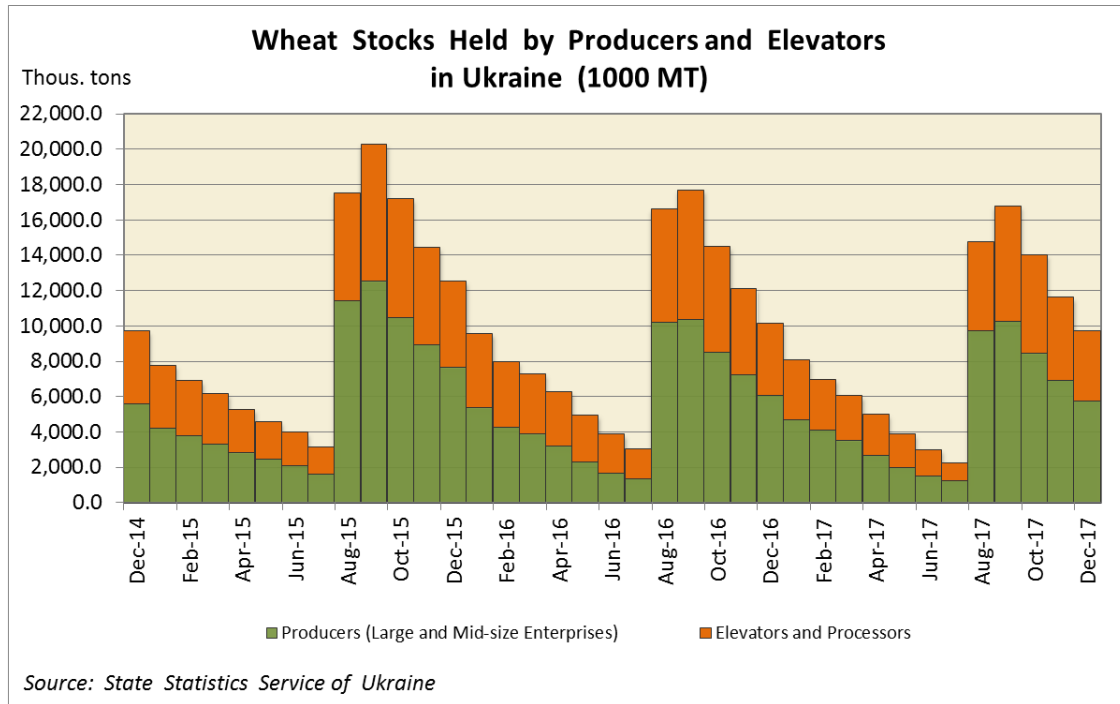


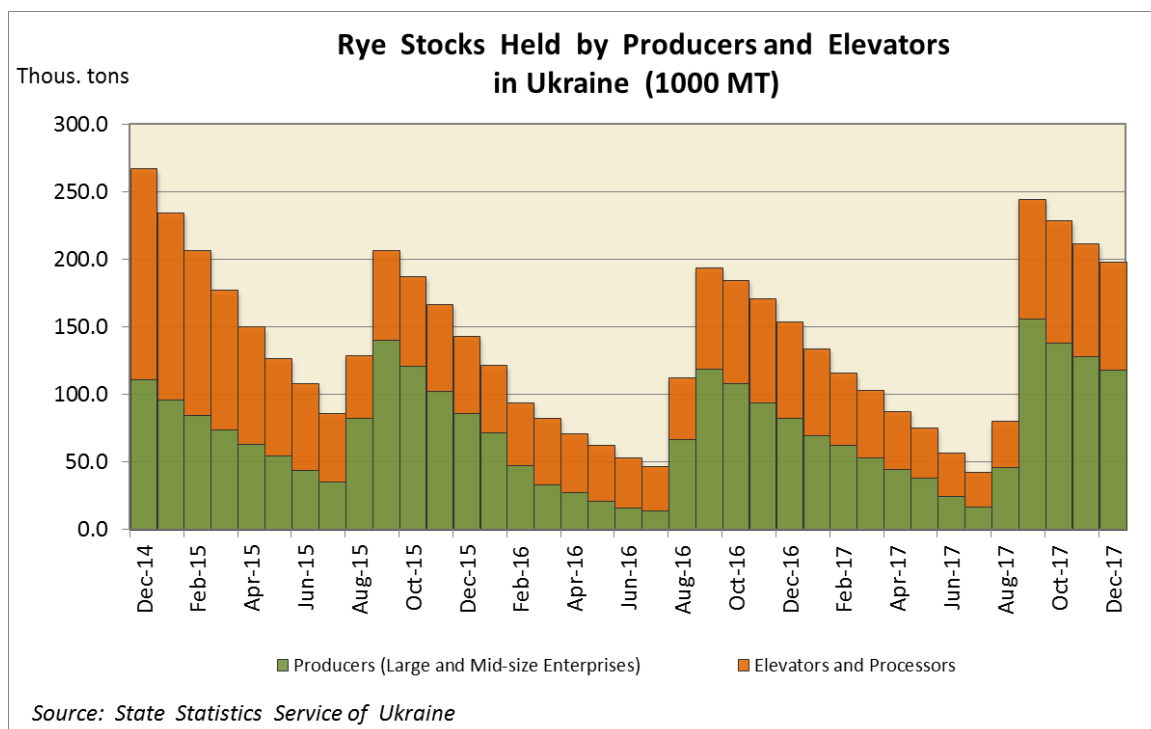
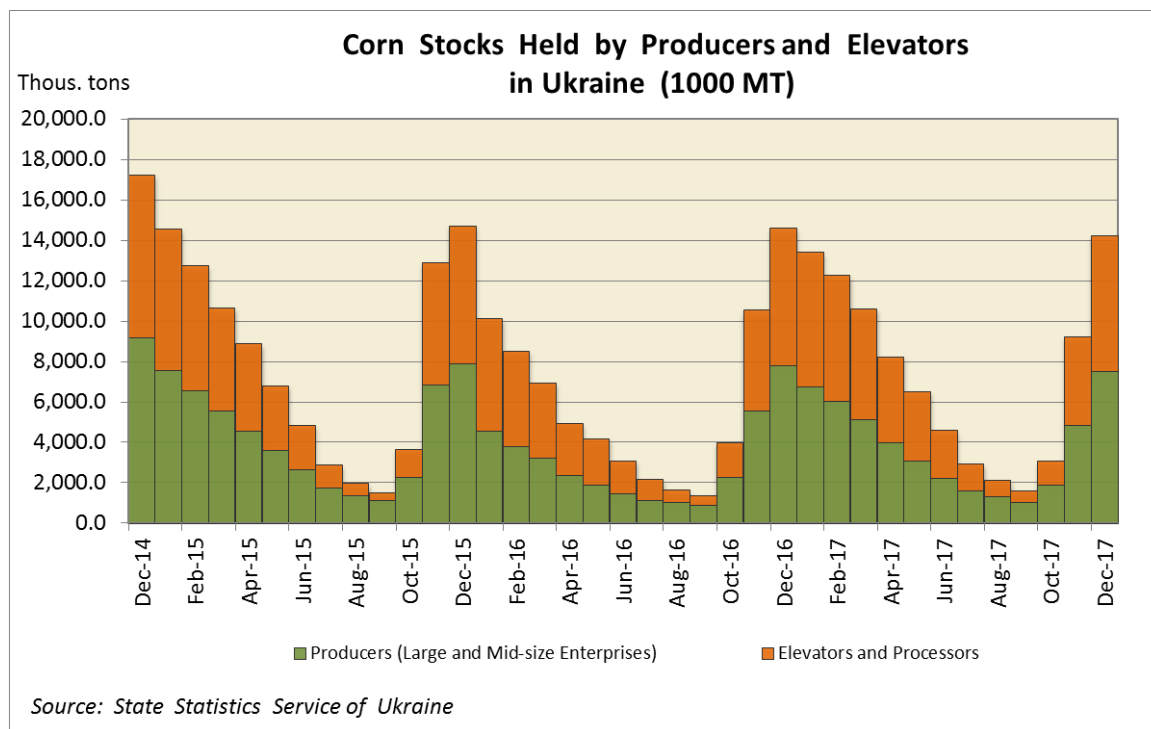
Based on available price information for major feed grains on the domestic market (please refer to the graph below), FAS Kyiv further increased its forecast of feed consumption for corn, offset by a decrease for barley consumption for MY2017/18.



Stocks

Ending stocks for all grains at the end of MY2016/17 were lower-than-usual due to active exports (please refer to Trade Section for more details). Rye stocks hit new lows in MY2016/17 due to decreasing production of this crop for two consecutive years, as well as discontinued exports.





Production, Supply and Distribution Data Statistics

Estimated wheat flour, pasta and bakery exports/imports have been added to trade volumes for wheat, in wheat grain equivalent, calculated by multiplying the product weight by 1.368.

Grain production numbers include production numbers for the Crimean Peninsula.

Barley:

Post's production estimate for barley is around 3 percent lower than USDA's official data for MY2017/18, based on currently available harvest numbers.

Post's FSI estimate for barley is over 7 percent higher than USDA's official data for MY2017/18, based on stable food consumption for rye on the domestic market.

Post's export estimate is more than 10 percent lower than USDA's official data for MY2017/18, based on the FSI estimate mentioned above.

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	2650	2699
Beginning Stocks	1565	1565	1609	1047	1263	788
Production	8751	8788	9900	9938	8700	8455
MY Imports	5	6	8	8	5	6
TY Imports	5	6	11	11	5	6
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	10321	10359	11517	10993	9968	9249
MY Exports	4412	4412	5354	5355	4700	4200
TY Exports	4673	4673	5337	5337	4700	4200
Feed and Residual	2800	3400	3500	3450	3000	3000
FSI Consumption	1500	1500	1400	1400	1300	1400
Total Consumption	4300	4900	4900	4850	4300	4400
Ending Stocks	1609	1047	1263	788	968	649
Total Distribution	10321	10359	11517	10993	9968	9249
Yield	2.917	2.9323	3.2459	3.2541	3.283	3.1326

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

Corn:

Post's production estimate for corn is around 2 percent lower than USDA's official data for MY2017/18, based on currently available harvest numbers.

Post's Feed and Residual estimates for corn are 50 percent higher than USDA's official data for MY2017/18, based on available price information (please refer to Consumption section for more details). Post's Feed and Residual estimate is around 8 percent higher for MY2016/17; and over 5 percent higher for MY2015/16, compared to USDA's official number, based on a rebalance of total Feed and Residual usage after accounting for exported volumes (please refer to [GAIN Report UP1723](#) for more details).

Post's FSI estimate for corn is around 8 percent higher than USDA's official data for MY2017/18, based on relatively stable consumption of corn for food and industrial processing purposes.

Post's export estimate is over 14 percent lower than USDA's official data for MY2017/18, based on estimated production volumes as well as Feed and Residual and FSI estimates mentioned above.

Corn Market Begin Year	2015/2016		2016/2017		2017/2018	
	Oct 2015		Oct 2016		Oct 2017	
Ukraine	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	4085	4084	4250	4252	4500	4503
Beginning Stocks	1519	1519	1385	1083	1580	954
Production	23333	23330	28000	28075	25000	24451
MY Imports	28	29	29	30	25	30
TY Imports	28	29	29	30	25	30
TY Imp. from U.S.	0	1	1	1	0	3
Total Supply	24880	24878	29414	29188	26605	25435
MY Exports	16595	16595	21334	21334	20500	17500
TY Exports	16595	16595	21334	21334	20500	17500
Feed and Residual	5500	5800	5100	5500	3800	5700
FSI Consumption	1400	1400	1400	1400	1300	1400
Total Consumption	6900	7200	6500	6900	5100	7100
Ending Stocks	1385	1083	1580	954	1005	835
Total Distribution	24880	24878	29414	29188	26605	25435
Yield	5.7119	5.7125	6.5882	6.6028	5.5556	5.4299

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

Rye:

Post's production estimate for rye is almost 8 percent higher than USDA's official data for MY2017/18, based on currently available harvest numbers (please refer to Production section for more details).

Post's Feed and Residual estimate for rye is 80 percent lower than USDA's official data both for MY2016/17 and MY2017/18; and 90 percent lower for MY2015/16, based on the rationale discussed in the Consumption section of this report, as well as in [GAIN Report UP1723](#).

Post's FSI estimate is around 9 percent lower than USDA's official data for MY2017/18; around 8 percent higher for MY2016/17; and 5 percent higher for MY2015/16, based on stable consumption patterns (please refer to Consumption section for more details).

Post's export estimate is 5 times higher than USDA's official data for MY2017/18, based on increased production numbers and stable forecasted consumption patterns for rye.

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	168
Beginning Stocks	106	106	75	70	73	49
Production	394	391	390	392	450	485
MY Imports	16	15	0	1	0	0
TY Imports	16	16	0	0	0	0
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	516	512	465	463	523	534
MY Exports	21	20	12	12	10	50
TY Exports	21	20	14	14	10	50
Feed and Residual	20	2	10	2	10	2
FSI Consumption	400	420	370	400	450	410
Total Consumption	420	422	380	402	460	412
Ending Stocks	75	70	73	49	53	72
Total Distribution	516	512	465	463	523	534
Yield	2.5921	2.5894	2.7083	2.7222	2.6471	2.8869
(1000 HA) ,(1000 MT) ,(MT/HA)						

Wheat:

Post's Feed and Residual estimate for wheat is around 21 percent higher than USDA's official data for MY2017/18, based on forecasted dynamics of animal numbers (please refer to Consumption section for more details). Post's Feed and Residual estimate is 8 percent higher for MY2016/17; and 2 percent higher for MY2015/16, compared to USDA's official number, based on a rebalance of total Feed and Residual usage after accounting for exported volumes (please refer to [GAIN Report UP1723](#) for more details).

Post's export estimate is around 6 percent lower than USDA's official number for MY2017/18, based on the Feed and Residual estimate mentioned above.

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	6671
Beginning Stocks	5678	5678	3348	3303	1782	1487
Production	27274	27332	26800	26854	26500	26162
MY Imports	27	24	41	37	25	30
TY Imports	27	24	41	37	25	30
TY Imp. from U.S.	0	0	0	0	0	0
Total Supply	32979	33034	30189	30194	28307	27679
MY Exports	17431	17431	18107	18107	17000	16000
TY Exports	17431	17431	18107	18107	17000	16000
Feed and Residual	5100	5200	3600	3900	3400	4100
FSI Consumption	7100	7100	6700	6700	6400	6500
Total Consumption	12200	12300	10300	10600	9800	10600
Ending Stocks	3348	3303	1782	1487	1507	1079
Total Distribution	32979	33034	30189	30194	28307	27679
Yield	3.8333	3.8442	4.155	4.155	4.0152	3.9218

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

Author Defined:

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

Destination	Subtotal Jul 2016-Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017-Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017-Oct 2017 to Jul 2016-Oct 2016
World	8,696.1	17,530.4	810.1	2,479.4	2,643.1	2,261.9	8,194.5	46.7	94.2
East & Southeast Asia	3,842.1	5,038.9	292.2	989.4	820.4	1,028.8	3,130.7	62.1	81.5
Africa	2,130.0	5,227.7	330.8	655.0	553.3	570.3	2,109.4	40.3	99.0
South Asia	1,648.5	4,659.6	3.1	460.5	593.4	298.2	1,355.3	29.1	82.2
EU-28	363.3	1,129.9	73.6	88.1	260.2	154.3	576.2	51.0	158.6
Middle East	570.8	1,311.1	104.2	251.1	352.7	121.2	829.1	63.2	145.2
Eurasian Economic Union	0.0	13.7	5.3	0.0	0.0	0.0	5.3	38.7	∞
Indonesia	949.4	1,611.9	98.6	280.3	477.2	493.0	1,349.1	83.7	142.1
Philippines	604.8	686.1	0.0	171.6	88.9	275.0	535.5	78.1	88.5
Egypt	795.7	2,511.8	115.5	360.8	242.3	201.7	920.2	36.6	115.6
Bangladesh	933.3	1,719.6	3.1	326.1	362.0	158.6	849.7	49.4	91.0
India	708.4	2,932.0	0.0	134.5	231.4	137.8	503.6	17.2	71.1
Korea South	815.0	1,063.1	68.8	312.8	70.6	132.1	584.2	55.0	71.7
Thailand	1,407.8	1,592.1	122.5	207.1	114.2	127.2	571.1	35.9	40.6
Spain	153.4	401.4	0.0	64.0	242.6	108.5	415.1	103.4	270.6
Tunisia	215.7	653.8	45.9	69.5	58.7	92.6	266.7	40.8	123.6
Mexico	117.4	117.4	0.0	34.0	62.0	88.0	184.0	156.8	156.8
Nigeria	30.3	62.8	31.2	0.0	0.0	76.0	107.2	170.6	353.7
Turkey	25.3	232.6	13.9	47.5	97.2	72.0	230.6	99.1	911.9
Mauritania	59.4	129.0	38.9	89.0	0.0	54.6	182.4	141.5	307.1
Ethiopia	90.1	90.1	0.0	0.0	40.6	46.7	87.3	96.9	96.9
Libya	142.0	284.0	3.6	0.0	50.8	39.0	93.5	32.9	65.8
Israel	307.0	488.2	38.0	156.0	109.7	37.0	340.8	69.8	111.0
Italy	91.5	405.7	66.0	17.8	2.1	31.4	117.3	28.9	128.3
Kenya	79.6	212.6	25.2	0.0	26.4	17.5	69.1	32.5	86.8
Cote d'Ivoire	0.0	0.0	0.0	0.0	0.0	15.8	15.8	∞	∞
Senegal	35.5	62.7	0.0	32.4	27.5	14.1	74.0	118.1	208.5
Lebanon	158.6	339.7	52.0	47.6	53.1	11.9	164.5	48.4	103.7
Morocco	539.3	983.5	11.7	29.6	6.0	9.5	56.8	5.8	10.5
Netherlands	20.2	42.0	0.4	5.6	1.8	5.3	13.1	31.2	64.9
Greece	3.2	39.6	0.0	0.0	3.2	3.2	6.4	16.1	201.9
United Kingdom	19.2	65.7	0.0	0.0	0.0	2.8	2.8	4.2	14.4
Malaysia	28.0	42.3	2.3	17.6	37.7	1.4	59.0	139.7	210.8
South Africa	0.0	0.0	0.0	48.6	92.8	0.8	142.2	618447.8	∞
Switzerland	31.1	36.8	0.0	0.0	0.0	0.6	0.6	1.6	1.8
Jordan	0.0	53.1	0.3	0.0	52.5	0.2	53.0	99.8	∞
Algeria	137.8	164.7	31.2	25.0	0.0	0.0	56.2	34.1	40.8
Cyprus	0.0	43.5	6.6	0.0	0.0	0.0	6.6	15.1	∞
Japan	28.0	34.3	0.0	0.0	31.8	0.0	31.8	92.6	113.4
Romania	32.9	32.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	60.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Arab Emirates	0.3	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yemen	0.0	88.1	0.0	0.0	40.0	0.0	40.0	45.4	∞
Other	76.0	218.1	34.5	2.0	20.0	7.7	64.2	29.4	84.4

Source: State Fiscal Service of Ukraine

Corn Exports from Ukraine by Destination, MY, 1000 MT (HS Code 1005)

Origin	MY 2014/15 (Oct. 14-Sept. 15)		MY 2015/16 (Oct. 15-Sept. 16)		MY 2016/17 (Oct. 16-Sept. 17)		% Change MY 2016/17 to 2015/16
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	19,659.7	100.00	16,595.3	100.00	21,333.6	100.00	28.55
EU-28	5,992.9	30.48	8,487.3	51.14	9,235.5	43.29	8.82
Africa	4,511.8	22.95	3,461.4	20.86	5,579.9	26.16	61.20
Middle East	2,509.7	12.77	1,653.0	9.96	3,835.8	17.98	132.05
East & Southeast Asia	6,562.7	33.38	2,727.7	16.44	2,491.3	11.68	- 8.67
South Asia	3.6	0.02	237.3	1.43	168.6	0.79	- 28.95
Eurasian Economic Union	75.4	0.38	23.3	0.14	20.2	0.09	- 13.38
Egypt	3,201.9	16.29	2,180.8	13.14	3,363.0	15.76	54.21
Netherlands	1,350.8	6.87	1,357.8	8.18	2,619.3	12.28	92.91
Spain	2,403.0	12.22	2,738.3	16.50	2,485.3	11.65	- 9.24
Iran	789.1	4.01	673.4	4.06	2,196.0	10.29	226.13
Italy	779.2	3.96	1,578.7	9.51	1,634.6	7.66	3.54
China	4,342.0	22.09	2,376.1	14.32	1,488.1	6.98	- 37.37
Israel	976.8	4.97	600.7	3.62	976.3	4.58	62.52
Tunisia	714.4	3.63	700.5	4.22	888.0	4.16	26.76
Portugal	522.8	2.66	852.5	5.14	843.5	3.95	- 1.06
Korea South	1,772.2	9.01	92.9	0.56	662.8	3.11	613.38
Belgium	95.0	0.48	479.5	2.89	550.5	2.58	14.79
Libya	377.3	1.92	315.0	1.90	547.2	2.57	73.71
South Africa	0.0	0.00	71.5	0.43	373.6	1.75	422.58
Turkey	36.2	0.18	23.3	0.14	321.3	1.51	1280.66
United Kingdom	152.7	0.78	141.3	0.85	275.9	1.29	95.19
Ireland	247.8	1.26	361.6	2.18	262.6	1.23	- 27.37
Lebanon	413.8	2.10	258.0	1.55	227.4	1.07	- 11.89
Japan	427.3	2.17	0.0	0.00	216.7	1.02	∞
Algeria	181.1	0.92	109.6	0.66	156.5	0.73	42.78
Poland	5.0	0.03	273.4	1.65	152.1	0.71	- 44.36
Vietnam	0.0	0.00	1.1	0.01	122.9	0.58	∞
Kenya	0.0	0.00	0.0	0.00	111.5	0.52	0.00
Bangladesh	0.0	0.00	0.0	0.00	105.5	0.49	0.00
Cyprus	9.6	0.05	67.1	0.40	105.4	0.49	56.97
Greece	8.5	0.04	28.7	0.17	103.0	0.48	259.19
Nigeria	0.0	0.00	0.0	0.00	95.4	0.45	0.00
Germany	312.4	1.59	448.5	2.70	91.2	0.43	- 79.66
Lithuania	93.3	0.47	92.6	0.56	83.9	0.39	- 9.39
Jordan	0.0	0.00	0.1	0.00	58.7	0.28	∞
India	0.0	0.00	228.0	1.37	56.1	0.26	- 75.41
United Arab Emirates	11.0	0.06	0.2	0.00	33.5	0.16	∞
Oman	0.0	0.00	13.2	0.08	22.2	0.10	68.22
Belarus	57.4	0.29	23.2	0.14	20.1	0.09	- 13.48
Angola	0.0	0.00	2.0	0.01	17.0	0.08	747.57
Morocco	16.1	0.08	16.9	0.10	15.0	0.07	- 11.24
Taiwan	20.8	0.11	0.0	0.00	0.4	0.00	0.00
Hong Kong	0.0	0.00	257.5	1.55	0.0	0.00	- 100.00
Saudi Arabia	30.3	0.15	0.0	0.00	0.0	0.00	0.00
Syria	234.0	1.19	82.9	0.50	0.0	0.00	- 100.00
Other	77.8	0.0	147.9	0.0	50.9	0.0	-65.6

Source: State Fiscal Service of Ukraine

Corn Imports to Ukraine by Country of Origin, MY, 1000 MT (HS Code 1005)

Origin	MY 2014/15 (Oct. 14-Sept. 15)		MY 2015/16 (Oct. 15-Sept. 16)		MY 2016/17 (Oct. 16-Sept. 17)		% Change MY 2016/17 to 2015/16
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	30.1	100.00	29.5	100.00	29.7	100.00	0.67
EU-28	26.8	88.95	25.1	85.09	25.2	85.11	0.69
Middle East	0.3	1.09	0.7	2.35	0.5	1.65	- 29.09
South Asia	0.0	0.00	0.0	0.00	0.0	0.00	1495.00
Eurasian Economic Union	0.6	1.95	0.0	0.07	0.0	0.00	- 100.00
Africa	0.0	0.00	0.0	0.09	0.0	0.00	- 100.00
Romania	10.5	35.05	9.1	30.91	10.3	34.57	12.57
Hungary	10.1	33.70	8.5	28.95	7.3	24.71	- 14.09
France	4.7	15.52	6.3	21.32	5.2	17.45	- 17.61
Serbia	1.0	3.48	2.8	9.54	2.5	8.30	- 12.36
Switzerland	0.0	0.00	0.1	0.36	1.3	4.47	1163.85
United States	0.7	2.41	0.6	2.07	1.1	3.73	81.71
Austria	0.3	0.87	0.3	1.02	0.5	1.71	68.62
Turkey	0.3	1.09	0.7	2.35	0.5	1.65	- 29.09
Chile	0.3	0.93	0.2	0.71	0.3	1.07	52.09
Slovakia	0.8	2.65	0.2	0.59	0.3	0.87	49.44
Spain	0.0	0.00	0.1	0.26	0.1	0.48	86.67
Croatia	0.2	0.57	0.1	0.44	0.1	0.35	- 19.46
Germany	0.0	0.04	0.3	0.95	0.1	0.30	- 68.58
Bulgaria	0.1	0.44	0.0	0.00	0.0	0.15	0.00
New Zealand	0.1	0.19	0.0	0.05	0.0	0.11	97.34
Poland	0.0	0.00	0.0	0.00	0.0	0.06	0.00
Mexico	0.0	0.01	0.0	0.02	0.0	0.01	- 26.67
Argentina	0.1	0.34	0.0	0.00	0.0	0.01	0.00
India	0.0	0.00	0.0	0.00	0.0	0.00	1495.00
Brazil	0.0	0.00	0.0	0.00	0.0	0.00	0.00
Canada	0.2	0.50	0.0	0.00	0.0	0.00	65.67
Czech Republic	0.0	0.12	0.1	0.28	0.0	0.00	- 100.00
Belarus	0.5	1.73	0.0	0.07	0.0	0.00	- 100.00
Italy	0.0	0.00	0.0	0.00	0.0	0.00	- 100.00
Greece	0.0	0.00	0.0	0.01	0.0	0.00	- 100.00
Moldova	0.0	0.16	0.0	0.03	0.0	0.00	- 100.00
Netherlands	0.0	0.00	0.0	0.00	0.0	0.00	0.00
Puerto Rico (U.S.)	0.0	0.00	0.0	0.00	0.0	0.00	- 100.00
South Africa	0.0	0.00	0.0	0.09	0.0	0.00	- 100.00
Russia	0.1	0.22	0.0	0.00	0.0	0.00	0.00

Source: State Fiscal Service of Ukraine

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

Destination	Subtotal Jul 2016- Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017- Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017- Oct 2017 to Jul 2016- Oct 2016
World	3,695.8	5,354.8	815.2	1,180.2	1,157.8	416.1	3,569.2	66.7	96.6
Middle East	2,117.6	3,102.8	458.7	500.0	835.9	276.5	2,071.1	66.7	97.8
Africa	1,023.2	1,522.6	95.9	144.7	63.9	66.9	371.3	24.4	36.3
East & Southeast Asia	311.7	311.8	176.4	386.9	197.0	64.9	825.1	264.6	264.7
EU-28	222.4	352.7	81.7	147.9	59.9	4.2	293.7	83.3	132.0
South Asia	13.6	14.5	0.5	0.3	0.0	3.3	4.1	27.9	29.9
Eurasian Economic Union	5.6	49.9	2.0	0.4	1.2	0.4	3.9	7.9	69.6
Saudi Arabia	1,613.6	2,275.5	299.4	392.6	654.0	157.3	1,503.3	66.1	93.2
China	300.5	300.5	176.4	386.9	162.7	64.9	790.9	263.2	263.2
Kuwait	43.4	87.5	0.0	0.0	8.2	40.9	49.1	56.1	113.2
Libya	623.1	952.8	15.0	53.4	63.9	32.2	164.4	17.3	26.4
Tunisia	159.4	186.9	25.0	2.5	0.0	27.5	55.0	29.4	34.5
Turkey	31.3	132.9	21.8	17.0	12.8	25.7	77.3	58.2	247.0
Iran	0.0	0.0	0.0	0.0	106.5	22.7	129.2	∞	∞
Qatar	0.0	0.0	0.0	53.2	20.9	22.0	96.1	436722.7	436722.7
Israel	112.2	206.4	33.0	37.2	30.8	7.8	108.8	52.7	97.0
Morocco	107.1	148.0	5.9	30.5	0.0	7.2	43.6	29.5	40.7
Netherlands	2.8	10.9	0.1	0.4	0.0	3.7	4.2	38.5	147.8
Pakistan	7.8	8.7	0.5	0.3	0.0	3.3	4.1	46.4	51.8
Germany	0.7	3.0	0.1	0.0	0.0	0.5	0.6	18.6	74.3
Belarus	5.6	48.7	2.0	0.4	1.2	0.4	3.9	8.1	69.6
Moldova	0.0	0.2	0.0	0.0	0.0	0.0	0.0	17.1	96.9
Lebanon	57.0	87.8	0.0	0.0	2.7	0.0	2.7	3.1	4.7
Philippines	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	∞
Poland	8.0	20.6	0.0	0.0	4.3	0.0	4.3	20.8	53.3
Oman	11.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Arab Emirates	73.3	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Kingdom	0.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	∞
South Africa	0.0	0.0	0.0	1.0	0.0	0.0	1.0	∞	∞
Spain	129.4	129.4	51.0	69.1	0.0	0.0	120.1	92.8	92.8
Switzerland	5.2	5.4	0.0	44.0	44.0	0.0	88.0	1617.6	1678.7
Greece	13.7	21.0	13.2	3.5	0.0	0.0	16.7	79.6	121.5
Iceland	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Indonesia	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	31.9	31.9	15.5	3.8	6.0	0.0	25.3	79.3	79.3
Japan	10.3	10.3	0.0	0.0	34.2	0.0	34.2	333.3	333.3
Jordan	175.1	225.6	104.5	0.0	0.0	0.0	104.5	46.3	59.7
Kazakhstan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞
Cyprus	23.9	100.9	1.9	15.3	5.6	0.0	22.8	22.6	95.2
Czech Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Egypt	0.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia	0.0	0.1	0.0	0.0	0.0	0.0	0.0	25.6	45.5
Algeria	133.2	226.2	50.0	57.3	0.0	0.0	107.3	47.4	80.5
Andorra	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Armenia	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	∞
Austria	4.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bangladesh	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Romania	2.1	17.4	0.0	11.8	0.0	0.0	11.8	67.9	562.4

Source: State Fiscal Service of Ukraine

Barley Import Statistics by Month and Country of Origin, Ukraine, MT (HS Code 1003)

Destination	Subtotal Jul 2016- Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017- Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017- Oct 2017 to Jul 2016- Oct 2016
World	3,234	7,658	24	3,712	316	26	4,078	53.3	126.1
EU-28	358	599	24	242	250	23	539	90.0	150.6
Eurasian Economic Union	3	23	0	0	66	3	69	300.0	2300.0
Hungary	52	52	0	0	50	23	73	140.4	140.4
Russia	3	23	0	0	0	3	3	13.0	100.0
Germany	74	110	0	43	89	0	132	120.0	178.4
Serbia	0	0	0	0	0	0	0	∞	∞
United Kingdom	0	0	0	0	0	0	0	∞	∞
Moldova	2,873	7,037	0	3,470	0	0	3,470	49.3	120.8
Netherlands	0	0	0	0	0	0	0	∞	∞
Poland	24	46	0	0	13	0	13	28.3	54.2
Austria	5	6	0	3	10	0	13	216.7	260.0
Belarus	0	0	0	0	66	0	66	∞	∞
Belgium	0	0	0	0	0	0	0	∞	∞
Croatia	0	7	0	0	0	0	0	0.0	∞
Czech Republic	119	268	0	10	63	0	73	27.2	61.3
Finland	0	0	0	0	0	0	0	∞	∞
France	85	110	24	186	26	0	236	214.5	277.6

Source: State Fiscal Service of Ukraine

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

Destination	Subtotal Jul 2016- Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017- Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017- Oct 2017 to Jul 2016- Oct 2016
World	179	11,599	204	458	1,665	7,292	9,619	82.9	5373.7
EU-28	0	3,355	204	314	1,363	7,288	9,169	273.3	∞
Eurasian Economic Union	179	179	0	144	302	0	446	249.2	249.2
South Asia	0	4,206	0	0	0	0	0	0.0	∞
East & Southeast Asia	0	3,859	0	0	0	0	0	0.0	∞
Spain	0	0	0	0	0	4,599	4,599	∞	∞
Poland	0	1,161	182	314	1,253	2,126	3,875	333.8	∞
Lithuania	0	2,029	0	0	0	321	321	15.8	∞
Switzerland	0	44	22	0	88	176	286	650.0	∞
Germany	0	60	0	0	22	66	88	146.7	∞
Moldova	0	0	0	0	0	4	4	∞	∞
Indonesia	0	3,859	0	0	0	0	0	0.0	∞
Andorra	0	0	0	0	0	0	0	∞	∞
Austria	0	62	0	0	0	0	0	0.0	∞
Bangladesh	0	4,206	0	0	0	0	0	0.0	∞
Belarus	179	179	0	144	302	0	446	249.2	249.2

Source: State Fiscal Service of Ukraine

Rye Import Statistics by Month and Country of Origin, Ukraine, MT (HS Code 1002)

Destination	Subtotal Jul 2016- Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017- Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017- Oct 2017 to Jul 2016- Oct 2016
World	1,338	1,338	0	111	76	0	187	14.0	14.0
EU-28	838	838	0	111	76	0	187	22.3	22.3
Belarus	500	500	0	0	0	0	0	0.0	0.0
Denmark	415	415	0	0	0	0	0	0.0	0.0
Germany	40	40	0	111	76	0	187	467.5	467.5
Poland	383	383	0	0	0	0	0	0.0	0.0

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 2016-Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017-Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017-Oct 2017 to Jul 2016-Oct 2016
World	134,200	421,588	35,003	41,839	45,806	43,731	166,379	39.5	124.0
Africa	26,801	84,236	5,189	15,818	11,157	10,748	42,912	50.9	160.1
East & Southeast Asia	45,282	118,334	14,196	12,339	16,556	13,578	56,669	47.9	125.1
EU-28	5,432	21,552	2,600	1,162	4,423	1,968	10,153	47.1	186.9
Eurasian Economic Union	1,692	6,951	746	712	651	953	3,062	44.1	181.0
Middle East	23,998	80,444	5,305	3,861	5,079	9,244	23,489	29.2	97.9
South Asia	188	188	0	0	0	0	0	0.0	0.0
China	30,930	81,221	11,589	11,019	13,217	9,991	45,816	56.4	148.1
Angola	12,627	30,723	2,603	6,432	6,768	9,073	24,876	81.0	197.0
United Arab Emirates	6,087	25,857	3,323	1,401	2,436	5,021	12,181	47.1	200.1
Moldova	11,371	35,609	2,746	3,174	3,224	3,674	12,818	36.0	112.7
Israel	10,403	30,498	1,376	1,570	1,947	3,327	8,220	27.0	79.0
Palestine	9,483	30,762	1,228	1,868	2,828	2,530	8,454	27.5	89.1
Hong Kong	0	829	500	500	343	1,877	3,220	388.4	∞
Korea South	0	933	105	0	960	952	2,017	216.2	∞
United Kingdom	1,334	7,024	1,870	224	3,055	852	6,001	85.4	449.9
Somalia	6,352	30,563	1,468	2,972	3,255	822	8,517	27.9	134.1
Singapore	0	2,267	1,184	820	1,464	624	4,092	180.5	∞
Venezuela	112	981	160	240	168	599	1,167	119.0	1042.0
Belarus	883	3,622	389	466	378	546	1,779	49.1	201.5
Russia	759	3,235	357	234	273	391	1,255	38.8	165.3
Georgia	2,761	6,858	332	403	170	381	1,286	18.8	46.6
South Sudan	144	644	235	235	331	282	1,083	168.2	752.1
Iraq	790	2,255	116	88	0	257	461	20.4	58.4
Germany	567	1,870	141	178	193	247	759	40.6	133.9
Belize	0	2,208	432	0	240	240	912	41.3	∞
Romania	593	1,657	109	157	141	234	641	38.7	108.1
Ghana	21	1,189	8	0	0	230	238	20.0	1133.3
Sierra Leone	620	2,065	264	214	285	195	958	46.4	154.5
Spain	617	1,738	156	151	140	155	602	34.6	97.6
Myanmar	0	0	0	144	144	144	432	∞	∞
Korea North	12,410	29,122	720	0	572	135	1,427	4.9	11.5
Netherlands	268	671	85	148	96	100	429	63.9	160.1
Lebanon	2,469	7,628	138	384	217	99	838	11.0	33.9
Lithuania	10	89	17	39	51	99	206	231.5	2060.0
Latvia	375	1,074	74	82	73	62	291	27.1	77.6
Marshall Islands	1,330	15,020	0	0	1	0	1	0.0	0.1
Panama	8,306	23,101	2,401	2,401	1,274	0	6,076	26.3	73.2
Libya	6,134	13,681	0	4,954	0	0	4,954	36.2	80.8
Jordan	0	2,022	0	0	0	0	0	0.0	∞
Philippines	542	2,012	0	0	0	0	0	0.0	0.0
Estonia	960	1,922	0	0	96	0	96	5.0	10.0
Benin	144	2,793	524	384	48	0	956	34.2	663.9
Yemen	301	2,687	0	0	198	0	198	7.4	65.8
Switzerland	0	3,035	0	0	240	0	240	7.9	∞
Other	4,492	14,141	353	955	982	594	2,884	20.4	64.2

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 2016- Oct 2016	Subtotal MY 2016/17	Jul-17	Aug-17	Sep-17	Oct-17	Subtotal Jul 2017- Oct 2017	% Share Jul 2017-Oct 2017 to MY 2016/17	% Change Jul 2017- Oct 2017 to Jul 2016- Oct 2016
World	7,619	25,217	2,705	2,375	2,605	3,611	11,296	44.8	148.3
Africa	0	20	128	0	0	60	188	940.0	∞
East & Southeast Asia	141	342	46	51	26	42	165	48.2	117.0
EU-28	4,997	16,307	1,618	1,749	1,396	1,804	6,567	40.3	131.4
Eurasian Economic Union	445	1,598	333	269	324	600	1,526	95.5	342.9
Middle East	2,020	6,896	566	263	857	1,105	2,791	40.5	138.2
South Asia	0	0	0	0	0	0	0	∞	∞
Turkey	2,020	6,895	566	263	857	1,105	2,791	40.5	138.2
Italy	3,095	9,951	1,053	1,028	663	1,077	3,821	38.4	123.5
Poland	1,430	4,924	427	613	654	636	2,330	47.3	162.9
Belarus	58	465	294	210	128	522	1,154	248.2	1989.7
Russia	387	1,133	39	59	196	78	372	32.8	96.1
Tunisia	0	20	20	0	0	60	80	400.0	∞
Hungary	139	430	48	22	21	39	130	30.2	93.5
France	86	273	34	33	11	36	114	41.8	132.6
China	98	207	37	20	15	26	98	47.3	100.0
Thailand	4	41	6	16	1	14	37	90.2	925.0
Finland	7	39	2	1	3	6	12	30.8	171.4
Greece	70	130	0	4	3	5	12	9.2	17.1
Vietnam	38	91	3	16	9	2	30	33.0	78.9
Germany	31	78	5	5	6	2	18	23.1	58.1
Netherlands	13	43	2	3	1	2	8	18.6	61.5
United States	15	41	14	20	1	0	35	85.4	233.3
Spain	0	6	0	0	0	0	0	0.0	∞
Belgium	8	29	0	0	0	0	0	0.0	0.0
Canada	0	0	0	0	0	0	0	∞	∞
South Africa	0	0	0	0	0	0	0	∞	∞
Switzerland	3	19	4	0	0	0	4	21.1	133.3
Unidentified Country	0	0	0	0	0	0	0	∞	∞
Norway	2	2	0	0	0	0	0	0.0	0.0
Pakistan	0	0	0	0	0	0	0	∞	∞
Romania	43	101	1	0	0	0	1	1.0	2.3
Serbia	0	0	0	21	0	0	21	∞	∞
Singapore	0	0	0	0	0	0	0	∞	∞
Slovakia	0	15	8	0	0	0	8	53.3	∞
Czech Republic	23	64	0	10	0	0	10	15.6	43.5
Egypt	0	0	108	0	0	0	108	∞	∞
Brazil	0	9	0	0	0	0	0	0.0	∞
Bulgaria	0	4	2	0	0	0	2	50.0	∞
Israel	0	0	0	0	0	0	0	∞	∞
Japan	0	2	0	0	2	0	2	100.0	∞
Latvia	39	182	32	31	34	0	97	53.3	248.7
Lithuania	9	17	0	0	0	0	0	0.0	0.0
Uruguay	0	0	0	0	0	0	0	∞	∞

Source: State Fiscal Service of Ukraine