



Source: based on the data of the State Statistic Service of Ukraine and Ministr of Agrarian Policy and Food of Ukraine





3849328

Source: Ministry of Agrarian Policy and Food of Ukraine

LOGISTICS OF WAR: INTEGRATED SOLUTIONS

THE KEY IS AN INTEGRATED APPROACH TO SOLVING LOGISTICS ISSUES

WE SIMPLIFY THE LOGISTICS OF EXPORT/ IMPORT AS MUCH AS POSSIBLE:

- agreed with 12 EU countries on the free passage of trucks, including on the free transit of fuel trucks by the territory of Poland
- logistics hubs have been established on the territory of Poland, designed to simplify the transportation of humanitarian and military cargoes to Ukraine
- > joint control is being implemented at checkpoints with Poland and Romania
- Danube port hub was created for cargo transshipment (Ust-Dunaysk, Reni and Izmail)
- it is planned to build two railway routes for servicing ports:
 Izmail Reni
 - Basarabyasca Berezine
- > expanding the capacity of roads leading to the border
- > negotiations are underway on the construction of additional rail transshipment terminals on the border with the EU
- > it is planned to build a EU standard railway line





Barley

239113



DYNAMICS OF GRAIN EXPORT BY UKRAINIAN RAILWAY, 2020-2022, thousand tonnes

3612

3392

1307

Aug

1508

905

July

067

810 806

June

3442

2456

Sept

3306

3080

Oct

4000

3500

3000

2500

2000

1500

1000

500

0

3413

1959

Jan

3043 2967

2978

1913

Feb

Other Grain

Other Grain

2633

416

Mar

2417

642

Apr

1983 1873

1934

170

807

May

DYNAMICS OF VOLUMES OF TRANSPORTATION OF GRAIN CARGOES IN ALL TYPES OF RAILWAY COMMUNICATION IN UKRAINE, 2020-2022, thousand tonnes



3682

3371

Nov

3404

2840

Dec

The structure of railway transportation of grain cargoes by direction, %



■ Ports ■ Land border crossings ■ Domestic railway stations

RAIL TRANSPORTATION FOR EXPORT under the war conditions, as of August 10,2022, thousand tonnes

	Grain			Oil	Meal, cake, husk		
Month	2022	+/- to the previous month	2022	+/- to the previous month	2022	+/- to the previous month	
March	415.9		20.1		50.0		
April	642.5	个54.5%	69.8	1 247%	53.2	个6.3%	
May	807.3	1 25.7%	72.4	1.7%	69.9	↑31.4%	
June	806.3	↓-0.1%	98.9	↑36.7%	73.2	14.7%	
July	905.2	12.3%	88.1	↓-11.0%	93.9	↑28.4%	
August*	320.7		26.8		33.4		
Source: based on the data of the Ukrainian Railway							



destroyed or out of control bridges on the state roads were destroyed **Railway logistic improvement plans:** Reconstruction and construction of new rail trucks: 1412.8 km (incl. 585 km HSR) both 1435 and 1520 mm in a direction of the border with EU and

- Purchase, reaper and modernization of over 7000 rolling stock units;
- Modernization of equipment for changing the track width

TOTAL COST ~ \$1.5 BLN

Source: based on the data Ukrainian Railway and Ministry of Infrastructure of Ukraine

BLACK SEA GRAIN INITIATIVE:

- The purpose: to facilitate the safe navigation for the export of foodstuffs and fertilizers, including ammonia from the Ukrainian ports (Odesa, Chornomorsk, Pivdennyi);
- Agreement term 120 days, after that could be prolonged;
- The operation is coordinated by the Joint Coordination Centre (JCC) in Istanbul which includes representatives of Ukraine, Turkey, Russia and the United Nations;
- All inspections of ships will be carried out by joint groups in the waters of Turkey;
- No military vessel, aircraft or UAVs will close to within 10 nautical miles of a merchant vessel transiting the Maritime Humanitarian Corridor;
- If demining is necessary, a minesweeper of another country, upon agreement of the parties, will clear the approaches to Ukrainian ports.





Behind-the-scenes agreements:

- Turkey received privileges in grain purchases (price, procurement priority);
- transition of Turkish 5 main banks to the Russian payment system "Mir";
- transition to payment in rubles for part of the Russian gas exported to Turkey;
- lifting restrictions on grain exports from Russia;
- lifting restrictions on fertilizer exports from Russia, including raw materials needed for fertilizer production;
- lifting restrictions on Russian import/export of medicines, medical equipment and accessories and related software;
- adjusting restrictions on import to Russia of aviation industry goods and services.



CHRONOLOGY OF THE EXECUTION OF THE AGREEMENT "Initiative for the safe transportation of grain and food products from Ukrainian ports"

- On July 22, 2022, the agreements were signed in Istanbul between Ukraine, Turkey, the United Nations and Russia;
- On July 27, the Joint Coordination Centre (JCC) for "grain corridors" organization from Ukrainian ports was officially opened in Istanbul, Turkey;

Departure Ukraine	Port	Vessel name	Flag	Destination country	Commodity	Tonnage, metric tonnes	Inspected In Turkey
1-Aug	Odesa	RAZONI	Sierra Leone	Lebanon	Corn	26,527	3-Aug
5-Aug	Chornomorsk	ROJEN	Malta	UK	Corn	13,041	6-Aug
5-Aug	Odesa	NAVI STAR	Panama	Ireland	Corn	33,000	6-Aug
5-Aug	Chornomorsk	POLARNET	Turkey	Turkey	Corn	12,000	6-Aug
7-Aug	Chornomorsk	GLORY	Marshall Islands	Turkey	Corn	66,084	8-Aug
7-Aug	Chornomorsk	MUSTAFA NECATI	Liberia	Italy	Sunflower oil	6,000	10-Aug
7-Aug	Chornomorsk	STAR HELENA	Marshall Islands	China	Sunflower meal	45,000	9-Aug
7-Aug	Odesa	RIVA WIND	Malta	Turkey	Corn	44,000	8-Aug
8-Aug	Chornomorsk	ARIZONA	Liberia	Turkey	Corn	48,459	10-Aug
8-Aug	Pivdennyi	SACURA	Liberia	Italy	Soya beans	11,000	10-Aug
9-Aug	Chornomorsk	OCEAN LION	Liberia	South Korea	Corn	64,720	11-Aug
9-Aug	Chornomorsk	RAHMI YAGCI	Turkey	Turkey	Sunflower meal	5,300	13-Aug
12-Aug	Chornomorsk	SORMOVSKIY 121	Belize	Turkey	Wheat	3,050	15-Aug
12-Aug	Pivdennyi	STAR LAURA	Marshall Islands	Iran	Corn	60,150	
13-Aug	Chornomorsk	THOE	Marshall Islands	Turkey	Sunfl. seeds	2,914	
13-Aug	Chornomorsk	FULMAR S	Barbados	Turkey	Corn	12,000	15-Aug
TOTAL		16				453,245	

Source: Black Sea Grain Initiative Joint Coordination Centre

EXPORT PRICES FOR GRAIN IN UKRAINE (DEEP WATER PORTS) as of August 12, 2022. Offer, FOB, USD/t

	Min	+/- to previous month	Max	+/- to previous month	Average	+/- to previous month
Food wheat 12.5%	345	-5	365	-5	355	-5
Food wheat 11.5%	340	-5	360	-5	350	-5
Feed wheat	310	-5	325	-10	315	-5
Fodder corn	315	-5	335		325	-5
Fodder barley	305	-5	320	-5	315	-5

EXPORT PRICES FOR GRAIN IN RUSSIA (DEEP WATER PORTS) as of August 12, 2022, Offer, FOB, USD/t

as of August 12, 2022. Oner, 100, 000/1							
	Min	+/- to previous month	Max	+/- to previous month	Average	+/- to previous month	
Food wheat 12.5%	350		365	-5	355		
Feed wheat	310	-5	320		325	-5	
Fodder corn	335		350		340		
Fodder barley	295		308	-2	300		

				_					
	Stock/	Country	Terms of	Aug 12	Aug 5	Jul 29	Jul 22		change,
	month	of origin	delivery					USD/t	%
	The futures market								
Wheat	CBOT, Sept.	USA	EXW	296.2	285.0	296.7	278.9	11.2	3.9%
Wheat	CBOT, Aug.	Black Sea	FOB	354.3	353.5	366.5	367.8	0.8	0.2%
Milling wheat	Euronext, Sept.	France	CPT Rouen	349.6	349.4	349.3	332.4	0.2	0.0%
Wheat	LIFFE, Nov.	EU	EXW	331.3	324.4	328.3	305.5	6.9	2.1%
Wheat	BCA, Aug.	Argentina	EXW	310.5	310.0	316.5	305.0	0.5	0.2%
Corn yellow	CBOT, Sept.	United States	EXW	251.8	240.2	242.6	222.1	11.6	4.8%
Corn	Euronext, Aug.	France	FOB	347.2	346.8	358.7	329.6	0.4	0.1%
Corn hard	BCA, Aug.	Argentina	EXW	236.0	230.0	232.0	215.0	6.0	8.5%
			C	ash mar	ket				
Wheat SRW	Aug	USA	CPT Mex.	323.7	312.6	318.8	300.9	11.1	3.6%
Wheat hard	Aug.	Argentina	FOB	410.0	410.0	410.0	412.0	0.0	0,0%
Wheat FCW1	Aug.	France	FOB	355.0	352.0	362.0	370.0	3.0	0.9%
Corn yellow	Aug.	USA	CPT Mex.	299.1	287.5	309.5	62.3	11.6	4.0%
Corn	Aug.	Argentina	FOB	285.0	275.0	278.0	257.0	10.00	3.6%
Fodder barley	Aug.	France	FOB	308.5	359.6	297.6	298.2	-51.1	-14.2%

WORLD GRAIN PRICES, USD/t

SOWN AREA OF WINTER CROPS FOR GRAIN FOR THE 2022 HARVEST

Winter crops	thousand hectares	in % to area under the harvest 2021
Winter crops for grain and green fodder, including:	9093.1	100.5
• winter cereal crops for grain	7625.3	95.6
among witch:		
- wheat	6538.4	97.4
- rye	108.5	65.1
- barley	969.0	89.6
 rapeseed for grain 	1413.5	139.7

Sown areas under wheat for 2021/2022 MY, thousand hectares



Alinytsya 325.3 100.3 Volyn 176.8 96.3 Dnipropetrovsk 609.5 90.0 Donetsk 394.9 99.5 Zhytomyr 141.9 91.7 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Fernopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Regions	thousand hectares	in % to area under the harvest 2021
Volyn 176.8 96.3 Dnipropetrovsk 609.5 90.0 Donetsk 394.9 99.5 Zhytomyr 141.9 91.7 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Vikolaviv 629.7 89.6 Ddesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Fernopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Ukraine	7625.3	95.6
Dripropetrovsk 609.5 90.0 Donpropetrovsk 609.5 90.0 Donetsk 394.9 99.5 Zhytomyr 141.9 91.7 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kivovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolaviv 629.7 89.6 Dolesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Poltava 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2<	Vinnytsya	325.3	100.3
Donetsk 394.9 99.5 Zhytomyr 141.9 91.7 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Pernopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.6	Volyn	176.8	96.3
Zitytomyr 141.9 91.7 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Vikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kherson 562.6 91.7 Kherson 562.6 91.7 Chenkasy 208.1 88.8 Cherkasy 208.1 88.8	Dnipropetrovsk	609.5	90.0
Zakarpattya 17.6 71.8 Zakarpattya 17.6 71.8 Zaporizhzhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Vikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kherson 562.6 91.7 Kherson 562.6 91.7 Cherkasy 208.1 88.8 Cherkasy 208.1 88.8	Donetsk	394.9	99.5
Zaporizhżhya 732.9 92.2 vano-Frankivsk 58.6 114.5 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Wikolayiv 629.7 89.6 Dołasa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Zhytomyr	141.9	91.7
vano-Frankivsk 58.6 114.5 Kyiv 200.4 95.8 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Zakarpattya	17.6	71.8
Kirovohrad 200.4 95.8 Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Zaporizhzhya	732.9	92.2
Kirovohrad 445.8 95.0 Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Fernopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Ivano-Frankivsk	58.6	114.5
Luhansk 329.9 106.8 Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Ddesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Kyiv	200.4	95.8
Lviv 177.3 102.8 Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Kirovohrad	445.8	95.0
Mikolayiv 629.7 89.6 Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Luhansk	329.9	106.8
Odesa 795.1 95.1 Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Lviv	177.3	102.8
Poltava 273.5 106.7 Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Mikolayiv	629.7	89.6
Rivne 126.5 94.4 Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Odesa	795.1	95.1
Sumy 177.5 97.1 Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Poltava	273.5	106.7
Ternopil 206.5 102.4 Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Rivne	126.5	94.4
Kharkiv 591.6 98.8 Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Sumy	177.5	97.1
Kherson 562.6 91.7 Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Ternopil	206.5	102.4
Khmelnytskiy 228.2 110.3 Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Kharkiv	591.6	98.8
Cherkasy 208.1 88.8 Chernivtsi 39.2 106.8	Kherson	562.6	91.7
Chernivtsi 39.2 106.8	Khmelnytskiy	228.2	110.3
5512 10010	Cherkasy	208.1	88.8
Chernihiv 175.9 87.3	Chernivtsi	39.2	106.8
	Chernihiv	175.9	87.3

Source: based on the data of the State Statistic Service of Ukraine

SOWN AREA OF SPRING CROPS IN UKRAINE IN 2022

Planned sown area for spring crops in 2022 - 14.163 million hectares (or 83.72% of sown area in 2021) Planted in 2022 - 13.431 million hectares (79.4% of the last year level and 94.8% of planned area)

	Sown, thou	Sown, thousand hectares			
Crops		as of June 19,	2022 to		
	2021	2022	2021		
Total	16916.3	13431.2	79.4%		
Spring cereals and					
legumes	7457.1	6106.3	81.8%		
including:					
 spring wheat 	192.1	191.1	99.4%		
 spring barley 	1337.0	951.4	71.2%		
 spring rapeseed 	33.2	34.1	102.7%		
• oats	177.9	159.3	89.5%		
• peas	242.1	131.0	54.1%		
• corn	5474.8	4639.4	84.7%		
Buckwheat	84.0	75.3	89.6%		
Millet	78.1	49.5	63.3%		
Sugar beet	224.7	180.6	80.4%		
Sunflower	6509.7	4702.7	72.2%		
Soybeans	1279.6	1212.6	94.8%		
Potato	1283.1	1104.2	86.1%		



Source: *the Ministry of Agrarian Policy and Food of Ukraine

TOTAL HARVEST OF GRAIN, LEGUMINOUS AND OIL CROPS IN UKRAINE, 2020-2022, thousand metric tonnes

Decience	Total volum	e of harvest	Harvested as of August 12				
Regions	2020	2021	2020	2021	2022	+/-2022 to 2021,%	
Ukraine	63,530.4	83,209.6	34,657.3	38,541.6	20,582.6	-46.60	
Vinnytsya	4,353.2	6,705.0	1,997.8	2,242.9	1,711.4	-23.70	
Volyn	1,197.0	1,381.4	1,100.4	880.4	854.7	-2.92	
Dnipropetrovsk	3,548.9	4,818.5	2,933.4	3,029.6	2,147.1	-29.13	
Donetsk	1,974.2	2,249.8	1,946.1	1,919.2			
Zhytomyr	2,322.6	3,198.9	728.0	853.2	549.6	-35.58	
Zakarpattya	360.4	317.5	115.4	85.4	111.9	31.03	
Zaporizhzhya	2,969.1	3,522.9	3,156.5	3,015.0			
Ivano-Frankivsk	793.8	876.6	334.3	301.6	376.4	24.80	
🖌 Kyiv	2,901.6	3,809.7	1,173.6	1,172.1	793.8	-32.28	
Kirovohrad	2,606.7	4,624.7	1,741.1	2,414.6	1,749.4	-27.55	
Luhansk	1,362.1	1,274.7	1,235.2	1,206.8			
Lviv	1,394.7	1,733.8	838.2	411.2	799.4	94.41	
Mikolayiv	2,376.3	3,722.8	2,257.1	3,241.2	1,650.7	-49.07	
Odesa	1,995.3	5,122.0	1,568.0	3,604.9	2,454.8	-31.90	
Poltava	5,098.0	5,659.1	1,508.6	1,691.0	1,202.0	-28.92	
Rivne	1,223.5	1,577.8	710.4	611.8	510.1	-16.62	
Sumy	4,769.7	4,256.2	1,141.3	1,100.7	765.7	-30.44	
Ternopil	2,600.5	3,120.8	1,058.3	675.6	1,024.3	51.61	
Kharkiv	4,795.8	4,814.2	3,248.9	3,369.4	589.8	-82.50	
Kherson	2,700.1	3,499.7	2,227.0	3,093.3			
Khmelnytskiy	4,029.4	5,254.6	1,253.7	1,095.0	1,429.6	30.56	
Cherkasy	2,745.3	4,875.7	1,192.4	1,360.0	1,102.5	-18.93	
Chernivtsi	596.7	679.7	219.9	221.1	234.8	6.20	







PROGRESS OF FIELD WORK IN UKRAINE

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110,4

AS OF AUGUST, 8, 2022

Property types	Damages, \$ bln	Number of items, uni
Housing*	47,8	131,3 thousand
Private houses**	5,4	115,9 thousand
Apartment buildings**	42,3	15,27 thousand
Transportation infrastructure*	33,4	
Roads	25,4	23,9 thousand km
Civilian airports	2,0	19
Industry and business services	8,8	388
Agricultural sector and land resources	4,3	
Social services	0,3	119
Veicles*	2,4	124 thousand
Cars	1,0	106,1 thousand
Public transport	1,0	17,9 thousand
Education	3,8	2217
Education institutions	3,1	1453
Kindergartens	0,7	764
Commerce	2,1	2930
Energy	1,8	-
Health care	1,6	934
Utilities	1,3	
Culture, religion, sport, and tourism	1,3	1117
Cultural facilities	0,6	715
Religious buildings	0,1	77
Sports facilities	0,2	186
Tourists facilities		113
Youth centers	*	26
Administrative buildings	0,9	511
Digital infrastructure	0,6	743
Financial sector	0,02	
	110.4	







Damages, losses and reconstruction and recovery needs by sector breakdown, in monetary terms

Property types	Damages, \$ bin	Losses, \$ bin	Reconstruction and reocevery needs, \$ bin
Housing	47,8	3,5	75,3
Transportation infrastructure	33,4	18,2	44,6
Industry and business services	8,8	29,8	18,3
Agri sector and land resources	4,3	23,4	17,5
Social services	0,3	6,4	6,7
Vehicles	2,4	0,2	4,6
Education	3,8	2,1	4,7
Commerce	2,1	23,3	3,9
Energy	1,8	11,6	3,5
Health care	1,6	2,7	2,5
Utilities	1,3	2,3	1,7
Culture, religion, sport, and tourism	1,3	4,3	2,3
Administrative buildings	0,9	0,1	1,3
Digital infrastructure	0,6	1,1	1,0
Financial sector	0,02	0,2	0,02
Total	110,4	129,1	188,0
Additional needs for demining Demining (accordia Bank preliminary a	ng to the World		70
Total, with deminin			258

Source: Kyiv School of Economics



The indirect losses in agriculture due to production decrease, logistics disruption and lower prices for export-oriented commodities are estimated at \$23.3 billion.

Source: Kyiv School of Economics

LOSSES VALUE BY CATEGORY

Losses due to crops production decrease \$9.6 BILLION

Losses due to crops production decrease \$9.6 BILLION					
Item	Pre-war 2021 volume, million tonnes	After-war 2022 forecasted volume, million tonnes	Value of losses, million \$		
Wheat	32.15	21.54	2,027		
Corn	42.11	34.70	1,296		
Barley	9.44	6.59	564		
Sunflower	16.39	11.16	2,427		
Other crops	73.18	58.11	3,537		

Losses due to logistics disruption and lower prices for exportoriented commodities \$11.9 BILLION

Item	Difference in farmgate prices, \$/Kg	Value of losses, million \$		
Wheat	\$0.09	2,958		
Corn	\$0.10	4,127		
Barley	\$0.07	670		
Sunflower	\$0.26	4,180		
Losses	\$0.10 4,127 \$0.07 670			

Item	Amount needed for 2022	Value of losses, million \$
Fertilizer	3.22 million tonnes	379
Fuel	1,228 million liters	480

	2020/21	2021/22	2022/23*	Deviat	ion , %
	thousand tonnes	thousand tonnes	thousand tonnes	2021/22 - 2020/21	2022/23 - 2021/22
Initial stocks	stocks 4 866		17 357	+20.4%	in +3 times
Sown area, thousand	15 392	15 995	14 006	+3.9%	-12.4%
hectares	15 552	13 995	14 000	+3.570	-12.470
Harvested area, thousand	15 283	15 948	11 431	+4.4%	-28.3%
hectares	15 205	15 540	11 451	14.470	-20.570
Yield, tonnes / hectare	4.25	5.39	4.58	+26.8%	-15.0%
Gross harvest	64 933	86 010	52 397	+32.5%	-39.1%
Import	208	119	173	-43.1%	+45.9%
Total supply	70 008	91 990	69 927	+31.4%	-24.0%
Domestic consumption:	18 784	26 452	22 068	+40.8%	-16.6%
food	3 490	3 529	3 494	+1.1%	-1.0%
fodder	10 520	14 375	12 680	+36.6%	-11,8%
seeds	2 224	1 928	2 084	-13.3%	+8.1%
losses	1 525	5 742	3 026	in +3.8 times	-47.3%
other (alcohol, malt,	1 021	870	775	-14,8%	-10.9%
starch, etc.)	1 021	870	//5	-14,070	-10.9%
Export	45 363	48 181	36 709	+6.3%	-23.8%
Total distribution (demand)	64 147	74 945	58 777	+16.3%	-21.2%
Ending stocks	5 861	17 357	11 150	in +3 times	-35.8%
Ratio of ending stocks to distribution	9%	23%	19%		

BALANCE OF SUPPLY AND DEMAND OF GRAIN AND LEGUMES IN UKRAINE (*forecast as of July 15, 2022)

Source: based on "APK-Inform", the State Statistic Service of Ukraine and the State Customs Service of Ukraine

UKRAINE AGRICULTURAL PRODUCTION AND EXPORTS (2022/23 MARKETING YEAR)

	Production			Exports		
Product	Volume (1,000 MT)	Rank Among Global Producers	% of Global Production	Volume (1,000 MT)	Rank Among Global Exporters	% of Global Exports
Corn	25,000	#8	2.1%	9,000	#4	4.9%
Wheat	21,500	#9	2.8%	10,000	#8	4.9%
Sunflower	9,500	#3	19.3%	750	#1	20.7%
Barley	5,700	#7	3.9%	1,800	#6	5.9%
Sunflower Oil	4,085	#3	21.4%	3,600	#1 joint	34.7%
Sunflower Meal	3,924	#3	19.0%	2,700	#1	39.8%
Rapeseed	3,200	#6	4.0%	2,750	#3	16.6%



