



**Permanent Mission of Ukraine**  
to the UN Office and other International  
Organizations in Geneva

Rue de l'Orangerie 14, 1202  
Genève, Suisse

+ 41 22 919 87 20  
+ 41 22 734 38 01 (fax)  
pm\_un2@mfa.gov.ua

Nº *139*/017

The Permanent Mission of Ukraine to the United Nations Office and other International Organizations in Geneva presents its compliments to the Implementation Support Unit of the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on Their Destruction and has the honour to submit the National Report of Ukraine under Article 7 on transparency measures for the period from 1 January 2023 to 1 January 2024.

The Permanent Mission of Ukraine avails itself of this opportunity to renew to the Implementation Support Unit of the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on Their Destruction the assurances of its highest consideration.

Enclosure: 27 pages.



Geneva, 29 April 2024

**Implementation Support Unit**  
**Anti-Personnel Mine Ban Convention**

INFORMATION  
to the National report of Ukraine under Article 7  
Ottawa Convention

**1. Implementation of demining measures in wartime**

In accordance with the Civil Protection Code of Ukraine, the Law of Ukraine "On Mine Action in Ukraine" and other regulatory acts, the State Emergency Service of Ukraine (SESU) performs the functions of clearing (demining, humanitarian demining) the entire territory of Ukraine from explosive hazards and their disposal.

The invasion of the territory of Ukraine by the Russian occupation forces, their massive use of various weapons systems and mining led to large-scale contamination of the territories (approximately 156 thousand square kilometres), settlements and infrastructure of the explosive devices, including with anti-personnel mines and improvised explosive devices, prohibited by the Ottawa Convention.

In 2023, the SESU focused its main efforts on demining the de-occupied territories of Ukraine: Kharkiv, Mykolaiv, Kherson, Donetsk, Kyiv, Chernihiv and Sumy regions.

In 2023, the pyrotechnic units of the SESU carried out more than 39970 engagements, detected, seized and defused more than 153000 explosive devices, including 984 aircraft bombs, inspected and demined an area of about 36,2 thousand hectares, more than 4460 km of power lines, more than 259 km of gas pipelines, 424 km of roads and more than 24 km of railways.

In total, since the beginning of the large-scale invasion by Russian troops to Ukraine (24.02.2022 - 31.12.2023), 80 992 engagements have been carried out, 465 445 explosive devices have been found, seized and defused, including 3145 aircraft bombs, and an area of 113 506 hectares has been surveyed and demined.

In 2023, a non-technical survey of more than 112,5 thousand hectares was conducted, of which more than 54 thousand 700 hectares are subject to demining, and about 7 thousand hectares were demined.

The work was carried out in cooperation with regional military administrations, units of the Armed Forces of Ukraine, the State Special Transport Service, the National Guard of Ukraine and the National Police of Ukraine.

In order to build up the force, with the assistance of the Ministry of Internal Affairs and the Government of Ukraine in 2022-2023 the staffing of the SESU pyrotechnic units was increased to 1700 people.

**2. Educating of the population on mine safety**

Given the great threat of explosive devices to the civilian population, the SESU pays special attention to mine safety education to ensure the safety of the civilian population.

The priority is to communicate the rules of safety and behaviour to children in case of explosive devices especially those of school age.

In cooperation with the central and local mass media, the SESU

distributes both printed materials and videos on mine danger.

In 2023, the SESU units conducted 23713 educational events involving various segments of the population, a total of 835 375 people, including: women – 226 724, men – 134 095, children (girls) – 245 001, children (boys) – 229 555.

514 972 printed materials on mine safety were distributed.

### **3. Cooperation with international partners and technical assistance**

Aware of the scale of the threats and the scope of demining tasks, the SESU consistently and purposefully works with international donors and organizations to upgrade pyrotechnic units. In 2023, the SESU were implementing 8 international technical assistance projects. In addition, the SESU worked with international partners to obtain supplies and equipment in the form of humanitarian aid.

In order to save the lives of the personnel of pyrotechnic units, the SESU is taking measures to introduce advanced technologies into the activities of pyrotechnic units, namely the method of mechanized demining.

During 2022-2023, as part of international technical assistance, the SESU received 34 mechanized demining vehicles from international partners, which cleared more than 524 hectares of territory.

At the same time, the field of preparation and application of mine detection dogs is actively developing. The SESU has established cooperation with the representative office of the humanitarian non-governmental organization the Norwegian People's Aid (NPA), which is one of the world's leading organizations that uses canine units in humanitarian demining operations.

Effective and fruitful cooperation with partners has enabled the SESU to receive material and technical resources, equipment, maintenance services, and training for personnel, among them:

United Nations Development Programme (UNDP);

Japan International Cooperation Agency (JICA);

Korea International Cooperation Agency (KOICA);

Howard Buffett Foundation;

Danish Refugee Council (DRC);

International charitable organization "Eastern Europe Foundation";

Norwegian People's Aid (NPA);

The HALO Trust, a non-governmental charitable non-profit organisation;

The Government of Canada;

The Geneva International Centre for Humanitarian Demining (GICHHD);

Estonian Rescue Association;

Chemonics Company (USA);

Foundation for Mine Action (FSD) and others.

Donors of projects and assistance include: The Governments of the United Kingdom, Denmark, Estonia, Canada, France, Germany, Japan, Norway, Poland, the Republic of Korea, the United States, Croatia, Sweden, Italy, France, Switzerland and other countries, as well as the European Union.

ANNEX II  
**CONVENTION ON THE PROHIBITION OF THE USE, STOCKPILING, PRODUCTION AND TRANSFER OF ANTI-PERSONNEL  
 MINES AND ON THEIR DESTRUCTION**

**REPORTING FORMATS FOR ARTICLE 7**

STATE PARTY: Ukraine

DATE OF SUBMISSION: 22<sup>nd</sup> April 2024

REPORTING PERIOD: 01<sup>st</sup> January 2023 – 01<sup>st</sup> January 2024

**Form A National implementation measures**

Article 7.1 "Each State Party shall report to the Secretary-General on:

- a) The national implementation measures referred to in Article 9."

State (Party): Ukraine is reporting for the time period from 01<sup>st</sup> January 2023 to 01<sup>st</sup> January 2024

Measures	Supplementary information (e.g., effective date of implementation & text of legislation attached).
The Law of Ukraine "Mine Action in Ukraine" No 2642-VIII adopted on 06 <sup>th</sup> December 2018, amended on 17 <sup>th</sup> September 2020 by the Law of Ukraine No 911-IX, amended on 11 <sup>th</sup> April 2023 by the Law of Ukraine No 3050-IX.	<a href="https://zakon.rada.gov.ua/laws/show/2642-19#Text">https://zakon.rada.gov.ua/laws/show/2642-19#Text</a> Article 5. The main components of mine action in Ukraine 1. The main components of mine action in Ukraine are: 1) informing about the hazards of explosive objects and training to prevent the risks associated with explosive objects; 2) demining (humanitarian demining); 3) providing assistance to victims and implementing measures for their rehabilitation; 4) destruction of surplus ammunition, ammunition unsuitable for further use and storage, and ammunition to be destroyed in accordance with international obligations; 5) propaganda work on non-use of anti-personnel mines.

Measures	Supplementary information (e.g., effective date of implementation & text of legislation attached).
	<p>Article 38. Liability for violation of legislation in the field of mine action</p> <p>1. Offenses in the field of mine action are illegal acts (actions or omissions) of mine action subjects and (or) demining specialists, which led to non-fulfillment or improper fulfillment of the requirements established by the legislation and national standards in the field of mine action.</p> <p>2. Actions or inaction of officials, heads of mine action entities and (or) demining specialists may be appealed in court in accordance with the procedure established by law.</p> <p>3. Damage caused to individuals or legal entities, as well as to the natural environment by officials, managers of mine action entities and (or) specialists in the field of mine action and demining as a result of their illegal actions, shall be compensated in accordance with the law.</p> <p>Article 25. Tasks performed by Mine Action Centre (<i>which comprise those ones mentioned in amendments approved by the Law of Ukraine No 3050-IX from 11<sup>th</sup> April 2023</i>):</p> <p>3. Mine Action Centre is assigned to perform following tasks:</p> <p>[<i>among others</i>] digital information interaction with the State Land Cadastre on data sharing with regard to areas contaminated by explosive ordnance or cleared from explosive ordnance.</p> <p>Article 25<sup>1</sup>. Duties which Humanitarian Demining Centre is assigned for (<i>comprising those ones mentioned in amendments approved by the Law of Ukraine No 3050-IX from 11<sup>th</sup> April 2023</i>):</p> <p>[<i>among others</i>] digital information interaction with the State Land Cadastre on data sharing with regard to areas contaminated by explosive ordnance or cleared from explosive ordnance.</p>
<p>Resolution No. 1016 of the Cabinet of Ministers of Ukraine dated 28.10.2020 amended the Regulation on the National Police, approved by Resolution No. 877 of the Cabinet of Ministers of Ukraine dated 28.10.2015 On Approval of the Regulation on the National Police.</p>	<p><a href="https://zakon.rada.gov.ua/laws/show/1016-2020-%D0%BF#n11">https://zakon.rada.gov.ua/laws/show/1016-2020-%D0%BF#n11</a></p> <p>1. Paragraph 4 supplement subparagraph 7<sup>1</sup> such content:</p> <p>“7<sup>1</sup>) within the powers specified by law, carries out demining of an operational nature, including the identification, neutralization and destruction of explosive objects, for which there is reason to believe that they are objects, tools or means of committing administrative or criminal offenses”.</p>
<p>Adoption of Resolution No. 1207 of the Cabinet of Ministers of Ukraine dated November 10, 2021 "On the establishment of the National Authority for Mine Action" and the Regulation on the National Authority for Mine Action, amended by CMU Resolutions No 505-r from 09<sup>th</sup> June 2023, No 1225-r from 29<sup>th</sup> December 2023</p>	<p><a href="https://zakon.rada.gov.ua/laws/show/1207-2021-%D0%BF#Text">https://zakon.rada.gov.ua/laws/show/1207-2021-%D0%BF#Text</a></p> <p>Established for the purpose of coordinating the activities of ministries, other central and local executive bodies, local self-government bodies, enterprises and organizations regardless of the form of ownership (except for those belonging to the sphere of administration of ministries and other central executive bodies) involved in conducting activities in in the field of mine action. The main principles of activity and tasks of the National Mine Action Authority are defined.</p> <p>Due to CMU Resolutions No 505-r from 09<sup>th</sup> June 2023, No 1225-r from 29<sup>th</sup> December 2023, First Deputy Minister for Environment and Natural Resources Protection, Deputy Minister</p>

Measures	Supplementary information (e.g., effective date of implementation & text of legislation attached).
	of Economy, Deputy Minister of Strategy Industries, JSC “Ukrainian Defence Industry” CEO were included into National Mine Action Authority Board.

### Form B Stockpiled anti-personnel mines

Article 7.1 "Each State Party shall report to the Secretary-General on:

b) The total of all stockpiled anti-personnel mines owned or possessed by it, or under its jurisdiction or control, to include a breakdown of the type, quantity and, if possible, lot numbers of each type of anti-personnel mine stockpiled."

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024 (*unchanged, last reporting period on 15<sup>th</sup> April 2023*)

Type	Quantity	Lot № (if possible)	Supplementary information
PFM	3 363 828		Stored in warehouses of the Armed Forces of Ukraine*
OZM-4	605		Mines were left in the Autonomous Republic of Crimea occupied by the Russian Federation.
<b>TOTAL</b>	<b>3 364 433</b>		

\* Anti-personnel mines, the presence of which was declared by Ukraine as part of the implementation of Article 4 of the Ottawa Convention, are in the warehouses of the Armed Forces of Ukraine and will be destroyed in accordance with the commitments made after the cessation of hostilities and the restoration of the territorial integrity of Ukraine within its internationally recognized borders.

At the same time, if the warehouses and arsenals where anti-personnel mines are stored are located in the territories occupied by Russia, or they have been subjected to air and missile strikes by the armed forces of the Russian Federation, then information about such mines can be obtained only after the territory has been liberated, cleared and carrying out relevant inspections.

### Form C APMs retained or transferred for permitted purposes

Article 7.1 "Each State Party shall report to the Secretary-General on:

d) The types, quantities and, if possible, lot numbers of all anti-personnel mines retained or transferred for the development of and training in mine detection, mine clearance or mine destruction techniques, or transferred for the purpose of destruction, as well as the institutions authorized by a State Party to retain or transfer anti-personnel mines, in accordance with Article 3".

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024

1. Retained for development of and training in (Article 3, para.1)

An institution that has received permission from a participating state	Type	Quantity	Lot # (if possible)	Supplementary information
Did not save.				

2. Transferred for development of and training in (Article 3, para.1)

An institution that has received permission from a participating state	Type	Quantity	Lot # (if possible)	Supplementary information
Not transferred.				

3. Transferred for the purpose of destruction (Article 3, para.2)

An institution that has received permission from a participating state	Type	Quantity	Lot # (if possible)	Supplementary information
Not transferred.				

**Form D Areas known or suspected to contain APMs**

Article 7.1 "Each State Party shall report to the Secretary-General on:

c) To the extent possible, the coordinates of all mined areas that contain, or are suspected to contain, anti-personnel mines under its jurisdiction or control..."

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024

Suspected/confirmed hazard areas comprising APM contamination and their coordinates

Region	District	Longitude	Lattitude	CHA with APM (in sq.m)	SHA with APM (in sq. m)	APM type and quantity	Est. period when APMs were layed	Est. period of clearance completion	
Dnipropetrovska	Kryvorizskiyi	47.545245	33.4307175	50575					
Dnipropetrovska	Kryvorizskiyi	47.54470975	33.777775	61318					
Dnipropetrovska	Kryvorizskiyi	47.5347525	33.780946	54892					
Dnipropetrovska	Kryvorizskiyi	47.5521215	33.743099	87521					
Kyivska	Buchanskyi	50.43107882	30.02254661	23176					
Kyivska	Vyshhorodskiyi	50.9497716	29.87934477	26019					
Kyivska	Buchanskyi	50.47092303	30.18782643	4340					
Kyivska	Brovarskiyi	50.52631246	31.37818725	4435					
Kyivska	Buchanskyi	50.47679615	29.83918208	13409					
Kyivska	Buchanskyi	50.40307172	29.81569561	4001.9					
Kyivska	Buchanskyi	50.50703067	29.82218551	24058					
Kyivska	Vyshhorodskiyi	50.87237214	29.99868474	11321					
Kyivska	Buchanskyi	50.50422305	29.81954735	21171					
Kyivska	Vyshhorodskiyi	50.87000344	30.02725695	10485					
Kyivska	Brovarskiyi	50.60630712	30.78875005	16515					
Kyivska	Vyshhorodskiyi	51.09433034	29.83090448	41324					
Kyivska	Vyshhorodskiyi	51.1054525	29.5309639	11428.1					



Kyivska	Buchanskyi	50.47511923	29.81756207	979				
Mykolayivska	Mykolayivskyi	46.85838082	32.38241173	14257				
Mykolayivska	Bashtanskyi	47.07602512	32.77141111	46847				
Mykolayivska	Bashtanskyi	47.08202021	32.88367442	6244				
Mykolayivska	Bashtanskyi	47.09029364	32.8274689	373528				
Mykolayivska	Bashtanskyi	47.09557067	32.90345532	5080				
Mykolayivska	Mykolayivskyi	46.90853375	32.450398	132303.9				
Mykolayivska	Mykolayivskyi	46.9171544	32.4486398	24858.4				
Mykolayivska	Bashtanskyi	46.9149835	32.77968217		236691			
Mykolayivska	Mykolayivskyi	46.890258	32.3987085		373306.7			
Mykolayivska	Bashtanskyi	47.09676775	32.907226		8759			
Mykolayivska	Mykolayivskyi	46.86224639	32.38107617		169599.7			
Mykolayivska	Mykolayivskyi	46.86641336	32.38084164		298564.6			
Mykolayivska	Bashtanskyi	46.95784814	32.73291829		12850.2			
Mykolayivska	Mykolayivskyi	46.87029029	32.22278986		8526.3			
Mykolayivska	Mykolayivskyi	46.83246425	32.38763642		30725.5			
Mykolayivska	Mykolayivskyi	46.90320888	32.39212175		652625.3			
Mykolayivska	Bashtanskyi	46.96384478	32.69809033		80304.7			
Mykolayivska	Bashtanskyi	46.9705618	32.7177868		164245.7			
Mykolayivska	Bashtanskyi	46.96936767	32.72421517		147286.3			
Mykolayivska	Bashtanskyi	47.21938645	33.07195316		32828			
Mykolayivska	Mykolayivskyi	46.86401875	32.24726225		37465.9			
Mykolayivska	Bashtanskyi	46.98113336	32.57654071		43715			
Mykolayivska	Bashtanskyi	47.09078816	32.81600371		5525			
Mykolayivska	Bashtanskyi	47.09375911	32.90280361		374	2		
Mykolayivska	Mykolayivskyi	46.77958263	32.195505		27972.4			
Mykolayivska	Mykolayivskyi	46.91498274	32.12416153		249784.5			
Mykolayivska	Bashtanskyi	47.08288786	32.7847825		35077			
Mykolayivska	Mykolayivskyi	46.81888825	32.349578		10260			
Mykolayivska	Mykolayivskyi	47.0141648	32.5244728		103417.3			
Mykolayivska	Mykolayivskyi	46.9516266	32.4696926		22926.5			
Mykolayivska	Mykolayivskyi	47.0471496	32.5388856		4800.5			

Mykolayivska	Mykolayivskiyi	46.88185763	32.39935025		81056.9				
Mykolayivska	Mykolayivskiyi	46.8183955	32.344861		24226.5				
Mykolayivska	Mykolayivskiyi	46.9789442	32.4753904		29057.1				
Mykolayivska	Mykolayivskiyi	46.90845075	32.39729725		20805.1				
Mykolayivska	Bashtanskyi	47.09338066	32.81874389		5273				
Mykolayivska	Bashtanskyi	47.08636996	32.78964593		11999				
Mykolayivska	Bashtanskyi	47.06914636	32.65255708		11114				
Mykolayivska	Mykolayivskiyi	46.83618271	32.39122179		39027.2				
Mykolayivska	Mykolayivskiyi	46.88992175	32.455967		1474.7				
Mykolayivska	Mykolayivskiyi	46.823112	32.35171125		56528.1				
Mykolayivska	Mykolayivskiyi	46.8764122	32.3428528		11969.8				
Mykolayivska	Mykolayivskiyi	46.82930457	32.35997343		29046				
Mykolayivska	Mykolayivskiyi	46.946685	32.441973		50867.3				
Mykolayivska	Bashtanskyi	47.07980671	32.78619744		52195				
Mykolayivska	Bashtanskyi	47.07357497	32.77050249		15472				
Mykolayivska	Bashtanskyi	47.087396	33.12192137		69799	26			
Mykolayivska	Bashtanskyi	47.09665921	32.82374381		15759				
Mykolayivska	Mykolayivskiyi	46.90860675	32.45104075		47668.1				
Mykolayivska	Mykolayivskiyi	46.92422975	32.44655		72653				
Mykolayivska	Mykolayivskiyi	46.8611342	32.3867696		5391.8				
Mykolayivska	Mykolayivskiyi	46.91685625	32.43539575		45826				
Mykolayivska	Mykolayivskiyi	46.8599275	32.38069		3156.2				
Mykolayivska	Mykolayivskiyi	46.86170882	32.39216327		12913.8				
Mykolayivska	Mykolayivskiyi	46.81016563	32.30796888		38434.2				
Mykolayivska	Mykolayivskiyi	47.03179525	32.52906975		47574				
Mykolayivska	Mykolayivskiyi	46.9569424	32.474331		134120.3				
Mykolayivska	Mykolayivskiyi	47.0239954	32.5224424		10065.2				
Mykolayivska	Mykolayivskiyi	46.97039225	32.47971513		21322.8				
Mykolayivska	Mykolayivskiyi	46.87860225	32.362535		6253				
Mykolayivska	Mykolayivskiyi	46.97761025	32.475171		13587.2				
Mykolayivska	Mykolayivskiyi	46.97679375	32.47736525		12512				
Mykolayivska	Mykolayivskiyi	46.976386	32.4754135		8633.8				

Mykolayivska	Mykolayivskiyi	46.81874525	32.34857675		2991.1				
Mykolayivska	Mykolayivskiyi	47.0253135	32.522051		7850				
Mykolayivska	Mykolayivskiyi	46.8648466	32.3943292		2641.7				
Mykolayivska	Mykolayivskiyi	46.9630245	32.47460733		3491.4				
Mykolayivska	Mykolayivskiyi	46.865591	32.395094		9511.7				
Mykolayivska	Mykolayivskiyi	46.96687083	32.47870367		12841.3				
Mykolayivska	Mykolayivskiyi	46.8324355	32.3833635		15837.1				
Mykolayivska	Mykolayivskiyi	46.9169175	32.44649117		18452.1				
Mykolayivska	Mykolayivskiyi	46.90064525	32.37804175		10133.1				
Mykolayivska	Mykolayivskiyi	46.85840575	32.40117325		3692.9				
Mykolayivska	Mykolayivskiyi	46.98063763	32.47249263		5232.7				
Mykolayivska	Mykolayivskiyi	46.86445667	32.3952835		19503.5				
Mykolayivska	Bashtanskyi	47.09190482	32.80441633		51532				
Mykolayivska	Mykolayivskiyi	46.81777567	32.34715033		18897.1				
Mykolayivska	Bashtanskyi	47.09835569	32.81289697		39607	3			
Mykolayivska	Mykolayivskiyi	46.8579495	32.3682105		10098.1				
Mykolayivska	Mykolayivskiyi	46.8597304	32.3949764		20647.3				
Mykolayivska	Mykolayivskiyi	46.85627625	32.36768875		12424.6				
Mykolayivska	Mykolayivskiyi	46.858237	32.39555388		22497				
Mykolayivska	Mykolayivskiyi	46.829434	32.3688322		38608				
Mykolayivska	Bashtanskyi	47.1047675	32.90461036		19287				
Mykolayivska	Bashtanskyi	46.97863443	32.84047256		11235				
Mykolayivska	Bashtanskyi	47.06917859	32.66913348		29452				
Mykolayivska	Bashtanskyi	47.06917069	32.66612575		27289				
Mykolayivska	Bashtanskyi	47.0984291	33.12678986		52200				
Mykolayivska	Mykolayivskiyi	47.01878475	32.522849		22200.7				
Mykolayivska	Mykolayivskiyi	47.00879369	32.52953654		52929.1				
Mykolayivska	Mykolayivskiyi	47.0204566	32.523331		12990.7				
Mykolayivska	Mykolayivskiyi	47.01570114	32.54085643		41755.9				
Mykolayivska	Mykolayivskiyi	46.8378095	32.3902075		46189.7				
Mykolayivska	Mykolayivskiyi	47.01767455	32.52096209		53662.1				
Mykolayivska	Bashtanskyi	47.0978163	33.12444596		20849				

Mykolayivska	Bashtanskyi	46.97063465	32.85937373		33011			
Mykolayivska	Bashtanskyi	47.10208941	33.11082578		7610			
Mykolayivska	Bashtanskyi	46.9738723	32.90256375		21221			
Mykolayivska	Bashtanskyi	47.10102407	33.11692985		5068			
Mykolayivska	Mykolayivskyi	47.02544125	32.533636		79978.3			
Mykolayivska	Mykolayivskyi	46.91487725	32.418326		36739.9			
Mykolayivska	Mykolayivskyi	46.914745	32.41706325		18872.7			
Mykolayivska	Mykolayivskyi	47.03258175	32.54008188		7805.3			
Mykolayivska	Bashtanskyi	47.07287314	32.76753718		8739			
Mykolayivska	Bashtanskyi	47.08986277	32.83607101		34227			
Mykolayivska	Bashtanskyi	47.09398695	32.80003558		13163			
Mykolayivska	Bashtanskyi	47.10267645	33.10569391		6256			
Mykolayivska	Bashtanskyi	47.06751726	32.72392173		47475			
Mykolayivska	Mykolayivskyi	46.833576	32.3832205		274838.3			
Mykolayivska	Mykolayivskyi	46.914483	32.41554925		53767.9			
Mykolayivska	Mykolayivskyi	46.882772	32.39831957		8915.1			
Mykolayivska	Mykolayivskyi	46.98227933	32.49522417		97758.5			
Mykolayivska	Mykolayivskyi	46.9093301	32.3872883		50311			
Mykolayivska	Mykolayivskyi	46.835125	32.38983036		254486.2			
Mykolayivska	Bashtanskyi	47.08842851	33.13214164		26921			
Mykolayivska	Bashtanskyi	46.97666013	32.70476563		98355.4			
Mykolayivska	Bashtanskyi	47.10664469	33.1469614		11351			
Mykolayivska	Bashtanskyi	47.10352805	32.90361938		13558			
Mykolayivska	Bashtanskyi	46.98188765	32.83400968		24452			
Mykolayivska	Bashtanskyi	47.09862785	33.11967646		33141			
Mykolayivska	Bashtanskyi	47.09079747	33.13484513		45045			
Mykolayivska	Bashtanskyi	47.08797082	33.13293929		9749			
Mykolayivska	Bashtanskyi	47.08055186	33.10742363		9433			
Mykolayivska	Bashtanskyi	47.06745313	32.65905127		24163			
Mykolayivska	Bashtanskyi	47.0681793	32.68132549		41959			
Mykolayivska	Bashtanskyi	47.09755917	32.7986005		15746			
Mykolayivska	Bashtanskyi	47.06946221	32.68064308		11493			

Mykolayivska	Bashtanskyi	47.08941384	33.09491686		27444			
Mykolayivska	Mykolayivskyi	46.77904967	32.19374478		18364.7			
Mykolayivska	Mykolayivskyi	46.84557444	32.47839433		34959.5			
Mykolayivska	Mykolayivskyi	46.91241717	32.401051		188913.8			
Mykolayivska	Mykolayivskyi	46.86091333	32.380549		12942.5			
Sumska	Okhtyrskyi	50.45835564	34.99007723		23036			
Sumska	Okhtyrskyi	50.50255124	34.96384935		41810			
Sumska	Okhtyrskyi	50.44831444	34.95405961		16362			
Sumska	Okhtyrskyi	50.48887684	34.94055304		33102			
Sumska	Okhtyrskyi	50.4281218	34.97136855		15928			
Sumska	Okhtyrskyi	50.61165327	34.9172562		5161.6			
Sumska	Okhtyrskyi	50.50446029	34.97050245		122998			
Sumska	Okhtyrskyi	50.57739057	34.97049771		1245.7			
Sumska	Okhtyrskyi	50.57738825	34.96987238		2297.1			
Sumska	Okhtyrskyi	50.48613388	34.98927399		7218			
Sumska	Okhtyrskyi	50.528942	34.88848933		19271.6			
Sumska	Okhtyrskyi	50.48751088	34.9878773		17432			
Sumska	Okhtyrskyi	50.43154257	34.96957184		14979			
Sumska	Okhtyrskyi	50.52903538	34.88736		3053.7			
Sumska	Okhtyrskyi	50.494019	34.8405		5965.9			
Sumska	Okhtyrskyi	50.49096396	34.98734221		20677			
Sumska	Konotopskyi	51.18648319	33.37919962		9978			
Sumska	Okhtyrskyi	50.49070804	34.99501728		63050.5			
Sumska	Okhtyrskyi	50.49291507	34.99819259		49837.3			
Sumska	Okhtyrskyi	50.45074904	34.95302555		1704			
Sumska	Okhtyrskyi	50.45264937	34.95407871		3933			
Sumska	Okhtyrskyi	50.49241543	34.99917143		57645.4			
Sumska	Okhtyrskyi	50.49247909	34.99173613		28976			
Sumska	Okhtyrskyi	50.48791824	34.99464202		3921			
Kharkivska	Izumskyi	49.16631345	37.44089064		13655.4			
Kharkivska	Izumskyi	49.33716671	37.21873843		50285.7			
Kharkivska	Izumskyi	49.16692171	37.43922343		19912.3			

Kharkivska	Kupyanskyi	49.66283676	37.26338456		80027.1				
Kharkivska	Kupyanskyi	49.77860156	37.02854656		17436				
Kharkivska	Kupyanskyi	49.77715444	37.03092744		34511.9				
Kharkivska	Kupyanskyi	49.779662	37.02910725		4069.5				
Kharkivska	Kupyanskyi	49.77878	37.02928992		17211.9				
Kharkivska	Kupyanskyi	49.78927658	37.02176862		245528.5				
Kharkivska	Kupyanskyi	49.78509025	37.02734125		761.6				
Kharkivska	Kharkivskyi	50.115354	36.4378303		77847.7				
Kharkivska	Kharkivskyi	50.1132743	36.4370568		585799.1				
Kharkivska	Kharkivskyi	50.1429409	36.41456138		155614.9				
Kharkivska	Chuhuyivskyi	49.89192641	36.99916207		32872				
Kharkivska	Chuhuyivskyi	49.89006435	36.99890284		34732				
Kharkivska	Izumskyi	49.60333769	36.78243478		25204.4				
Kharkivska	Izumskyi	49.61472433	36.79228033		131408.5				
Kharkivska	Chuhuyivskyi	49.7185781	36.89832139		44394				
Kharkivska	Chuhuyivskyi	49.71088527	36.81063966		24546				
Kharkivska	Izumskyi	49.34549714	36.75036686		49208.9				
Kharkivska	Chuhuyivskyi	49.70176876	36.81654261		34813				
Kharkivska	Chuhuyivskyi	49.72539753	36.80348353		14096				
Kharkivska	Chuhuyivskyi	49.72971418	36.80316733		86742				
Kharkivska	Izumskyi	49.5982456	36.9895892		8359.8				
Kharkivska	Chuhuyivskyi	49.87942833	36.98642841		13550				
Kharkivska	Izumskyi	49.1249345	37.23494		6086.3	5			
Kharkivska	Izumskyi	49.12492779	37.22861683		6031.4				
Kharkivska	Izumskyi	49.11839378	37.20455775		19440.9				
Kharkivska	Izumskyi	49.12483935	37.16538868		21857.6				
Kharkivska	Chuhuyivskyi	49.72513666	36.80035132		16336	1			
Kharkivska	Izumskyi	49.13712423	37.13569158		17238.9				
Kharkivska	Chuhuyivskyi	49.7270963	36.79749573		4449				
Kharkivska	Chuhuyivskyi	49.75156893	36.93633861		7673				
Kharkivska	Izumskyi	49.14622917	37.10726825		11667.9				
Kharkivska	Chuhuyivskyi	49.70917888	36.83389483		16816.1				

Kharkivska	Izjumskyi	49.14720857	37.09165914		3256.7			
Kharkivska	Chuhuyivskyi	49.7029155	36.821089		954.4			
Kharkivska	Izjumskyi	49.12403391	37.2928343		20399.8			
Kharkivska	Izjumskyi	49.23682018	37.24292009		209733.8			
Kharkivska	Izjumskyi	49.12942562	37.29661469		17018.7			
Kharkivska	Izjumskyi	49.2391125	37.2401902		179859.5			
Kharkivska	Izjumskyi	49.62309858	36.83269633		817349.4			
Kharkivska	Izjumskyi	49.091177	37.28325279		97263			
Kharkivska	Izjumskyi	49.24182153	37.23643671		489931.1			
Kharkivska	Chuhuyivskyi	49.70259987	36.86803202		18290			
Kharkivska	Chuhuyivskyi	49.7287636	36.90692085		12448			
Kharkivska	Chuhuyivskyi	49.73982267	36.94216838		2615			
Kharkivska	Chuhuyivskyi	49.74226045	36.92083723		6197			
Kharkivska	Chuhuyivskyi	49.71196167	36.82941419		59452.9			
Kharkivska	Izjumskyi	49.10979707	37.27334263		386172			
Kharkivska	Izjumskyi	49.63041173	36.82655982		635593			
Kharkivska	Izjumskyi	49.6287385	36.81668483		1135783.1			
Kharkivska	Izjumskyi	49.13777618	37.2446855		207040.6			
Kharkivska	Izjumskyi	49.11493629	37.26313106		340721			
Kharkivska	Chuhuyivskyi	49.69570637	36.8542258		9614			
Kharkivska	Chuhuyivskyi	49.73629688	36.92392363		8283			
Kharkivska	Chuhuyivskyi	49.69427764	36.85332291		21013			
Kharkivska	Chuhuyivskyi	49.70010357	36.86178001		3528			
Kharkivska	Izjumskyi	49.33916882	37.21868082		45845.4			
Kharkivska	Izjumskyi	49.09160227	37.31453607		516110.3			
Kharkivska	Izjumskyi	49.08560693	37.44304986		102862.1			
Kharkivska	Izjumskyi	49.11705483	37.2804405		26252.7			
Kharkivska	Izjumskyi	49.0869255	37.44479833		39209.2			
Kharkivska	Chuhuyivskyi	49.73217545	36.84729345		32248	1		
Kharkivska	Chuhuyivskyi	49.69942631	36.85861227		18813			
Kharkivska	Izjumskyi	49.38598532	36.87520426		14003			
Kharkivska	Izjumskyi	49.39304381	36.86421834		12209			

Kharkivska	Chuhuyivskiyi	49.75023989	36.93439648		2869			
Kharkivska	Chuhuyivskiyi	49.72661429	36.79872948		3321			
Kharkivska	Chuhuyivskiyi	49.73892371	36.92811654		21525			
Kharkivska	Chuhuyivskiyi	49.75197604	36.92669029		9122			
Kharkivska	Izyumskiyi	49.1215639	37.3172563		14326.7			
Kharkivska	Izyumskiyi	49.12072425	37.31975756		59148			
Kharkivska	Izyumskiyi	49.078454	37.45323775		220081.1			
Kharkivska	Kharkivskiyi	50.102206	36.28249346		21087.4			
Kharkivska	Izyumskiyi	49.075409	37.45537775		132552.4			
Kharkivska	Izyumskiyi	49.0728255	37.45808333		166311.9			
Kharkivska	Izyumskiyi	49.10360867	37.31635378		199042.4			
Kharkivska	Izyumskiyi	49.07539875	37.44820975		109346.1			
Kharkivska	Izyumskiyi	49.07206629	37.45279171		103040.7			
Kharkivska	Izyumskiyi	49.07385975	37.44532375		129351.8			
Kharkivska	Izyumskiyi	49.5541278	36.9612386		16975.9			
Kharkivska	Izyumskiyi	49.526552	36.85186		40817.7			
Kharkivska	Izyumskiyi	49.07161126	37.43973621		131682.6			
Kharkivska	Izyumskiyi	49.07268523	37.33914538		86530.4			
Kharkivska	Izyumskiyi	49.071017	37.447889		92207.2			
Kharkivska	Chuhuyivskiyi	49.73279676	36.90411949		49616			
Kharkivska	Chuhuyivskiyi	49.72177172	36.97924414		83861			
Kharkivska	Izyumskiyi	49.07577567	37.32236467		61370.5			
Kharkivska	Kharkivskiyi	50.10223067	36.28483267		1117.3			
Kharkivska	Izyumskiyi	49.10974954	37.26801674		103589.3			
Kharkivska	Izyumskiyi	49.11166336	37.26694729		106631.5			
Kharkivska	Izyumskiyi	49.11285592	37.26037025		90921			
Kharkivska	Izyumskiyi	49.11111638	37.25583075		101925.2			
Kharkivska	Izyumskiyi	49.1107225	37.26050875		90224.8			
Kharkivska	Izyumskiyi	49.1087918	37.2659963		88587.4			
Kharkivska	Izyumskiyi	49.11964529	37.29419823		63700.3	51		
Kharkivska	Izyumskiyi	49.40748596	36.84557554		301077			
Kharkivska	Izyumskiyi	49.41019276	36.84094301		60643			



Kharkivska	Izjumskyi	49.40898528	36.83471779		45506				
Kharkivska	Izjumskyi	49.111559	37.31114457		14168.8				
Kharkivska	Izjumskyi	49.11119058	37.31160817		99814.9				
Kharkivska	Izjumskyi	49.1088145	37.31279983		100112.1				
Kharkivska	Izjumskyi	49.10535371	37.31298871		42008.4				
Kharkivska	Izjumskyi	49.10553313	37.31518238		104074.7				
Kharkivska	Izjumskyi	49.10700229	37.31799286		107250.9				
Kharkivska	Izjumskyi	49.1168214	37.2920438		1495.2				
Kharkivska	Izjumskyi	49.11603267	37.29053487		34721.1				
Kharkivska	Izjumskyi	49.4892482	36.80376882		7270				
Kharkivska	Chuhuyivskyi	49.76058401	36.94384272		40502				
Kharkivska	Chuhuyivskyi	49.69057203	36.8510132		5387				
Kharkivska	Chuhuyivskyi	49.69299051	36.85284579		10018				
Kharkivska	Chuhuyivskyi	49.74005591	36.86630378		36271				
Kharkivska	Izjumskyi	49.40776193	36.82879901		81717				
Kharkivska	Chuhuyivskyi	49.74848704	36.85290356		12582				
Kharkivska	Izjumskyi	49.40975893	36.83868738		13446				
Kharkivska	Chuhuyivskyi	49.70944771	36.83442831		67978				
Kharkivska	Izjumskyi	49.48619803	36.80199502		43929				
Kharkivska	Izjumskyi	49.40319469	36.85237609		262815				
Kharkivska	Chuhuyivskyi	49.73155446	36.84696125		11682				
Kharkivska	Chuhuyivskyi	49.76333279	36.93773325		68185				
Kharkivska	Izjumskyi	49.40893237	36.82693073		34470				
Kharkivska	Izjumskyi	49.12597075	37.26580075		51032.2				
Kharkivska	Izjumskyi	49.50664307	36.8118936		35136				
Kharkivska	Izjumskyi	49.1245291	37.2634629		44867.1				
Kharkivska	Chuhuyivskyi	49.7365692	36.81754959		23904				
Kharkivska	Izjumskyi	49.38231365	36.82760408		15967				
Kharkivska	Chuhuyivskyi	49.76861989	36.93917047		31318				
Kharkivska	Chuhuyivskyi	49.69340245	36.85161495		15585				
Kharkivska	Izjumskyi	49.38571924	36.89101103		21501				
Kharkivska	Izjumskyi	49.1283962	37.2593112		49755.3				

Kharkivska	Izumskyi	49.125395	37.26461475		51976.7				
Kharkivska	Izumskyi	49.12730773	37.25861418		37116.1				
Kharkivska	Izumskyi	49.1291904	37.259963		51974.2				
Kharkivska	Izumskyi	49.1276965	37.27097725		10400.4				
Kharkivska	Izumskyi	49.12672267	37.27160767		100292.6				
Kharkivska	Izumskyi	49.12811943	37.26860929		98800				
Kharkivska	Izumskyi	49.129756	37.26618417		99095.1				
Kharkivska	Izumskyi	49.1316285	37.263674		114031				
Kharkivska	Izumskyi	49.13346494	37.26058438		115152.8				
Kharkivska	Chuhuyivskyi	49.77041122	36.9519089		10367				
Kharkivska	Chuhuyivskyi	49.71263144	36.85118296		10005				
Kharkivska	Chuhuyivskyi	49.72513826	36.90878473		53372				
Kharkivska	Chuhuyivskyi	49.65580819	36.8314797		24634				
Kharkivska	Chuhuyivskyi	50.05823905	36.81086989		12509				
Kharkivska	Chuhuyivskyi	49.73347527	36.83392215		4886				
Kharkivska	Chuhuyivskyi	49.73348164	36.83393674		14992				
Kharkivska	Izumskyi	49.06817464	37.06900682		90950.8				
Kharkivska	Izumskyi	49.06975525	37.066623		97456.4				
Kharkivska	Izumskyi	49.070498	37.06409875		96182.9				
Kharkivska	Izumskyi	49.06840325	37.072857		98236.4				
Kharkivska	Chuhuyivskyi	49.63251617	36.89482683		16434				
Kharkivska	Izumskyi	49.50696464	36.80814667		34196				
Kharkivska	Izumskyi	49.39134763	36.87023979		13443				
Kharkivska	Izumskyi	49.50396625	36.80430783		22324				
Kharkivska	Izumskyi	49.39059238	36.86999877		22244				
Kharkivska	Chuhuyivskyi	49.7143712	36.81622753		73735				
Kharkivska	Chuhuyivskyi	49.7262477	36.90517004		93190				
Kharkivska	Izumskyi	49.07120325	37.06162025		96070.4				
Kharkivska	Izumskyi	49.0718355	37.05911375		91993.7				
Kharkivska	Izumskyi	49.07250625	37.05661575		90458.8				
Kharkivska	Izumskyi	49.0731935	37.054011		92048.5				
Kharkivska	Izumskyi	49.07390975	37.051282		91068.9				

Kharkivska	Izjumskyi	49.07499367	37.0480845		98144.4				
Kharkivska	Izjumskyi	49.0747005	37.0735191		91587.8				
Kharkivska	Izjumskyi	49.07469667	37.07107633		98657.8				
Kharkivska	Izjumskyi	49.07431975	37.06856475		99705.2				
Kharkivska	Izjumskyi	49.07490375	37.066358		93510.8				
Kharkivska	Izjumskyi	49.075479	37.064059		97881				
Kharkivska	Izjumskyi	49.075937	37.0617405		85138				
Kharkivska	Izjumskyi	49.07750543	37.05980086		85812.7				
Kharkivska	Izjumskyi	49.07815056	37.05812678		97640.3				
Kharkivska	Izjumskyi	49.07762025	37.0547215		98257.6				
Kharkivska	Izjumskyi	49.07910987	37.05250373		93419.6				
Kharkivska	Izjumskyi	49.07911483	37.0648545		28354.4				
Kharkivska	Izjumskyi	49.11797571	37.22235564		104828.8				
Kharkivska	Izjumskyi	49.10767714	37.33399871		105441.2				
Kharkivska	Izjumskyi	49.1100886	37.333644		108240.1				
Kharkivska	Izjumskyi	49.1108495	37.33477925		3507.1				
Kharkivska	Chuhuyivskyi	49.83742119	37.04289354		23498				
Kharkivska	Chuhuyivskyi	49.67547824	36.83240284		71187				
Kharkivska	Chuhuyivskyi	49.66074291	36.83180059		28225				
Kharkivska	Izjumskyi	49.40728717	36.82496087		41963				
Kharkivska	Izjumskyi	49.40516103	36.81697718		26060				
Kharkivska	Chuhuyivskyi	49.66675415	36.83194782		85508				
Kharkivska	Izjumskyi	49.11265617	37.33332333		102349				
Kharkivska	Izjumskyi	49.11268867	37.337341		108256.3				
Kharkivska	Izjumskyi	49.11268083	37.33880417		2091.7				
Kharkivska	Izjumskyi	49.12063425	37.22079175		67687				
Kharkivska	Izjumskyi	49.06617714	37.13639529		82915				
Kharkivska	Izjumskyi	49.12160457	37.21940743		75263.1				
Kharkivska	Izjumskyi	49.1164785	37.21282325		4253.2				
Kharkivska	Izjumskyi	49.11641988	37.21324538		18801.5				
Kharkivska	Kharkivskyi	50.07917978	36.30758472		609320.2				
Kharkivska	Izjumskyi	49.48914054	36.79084896		47989				

Kharkivska	Izjumskyi	49.114047	37.2145842		10492.6				
Kharkivska	Izjumskyi	49.11382995	37.21454		60143.4				
Kharkivska	Chuhuyivskyi	49.69043592	36.8626628		10503				
Kharkivska	Izjumskyi	49.38208223	36.82869422		5085				
Kharkivska	Chuhuyivskyi	50.07348374	36.99243709		28180				
Kharkivska	Chuhuyivskyi	49.71110327	36.82056772		21752				
Kharkivska	Izjumskyi	49.49256045	36.79327405		15445				
Kharkivska	Chuhuyivskyi	49.71762447	36.89971185		59758				
Kharkivska	Chuhuyivskyi	49.65961469	36.82488237		49596				
Kharkivska	Chuhuyivskyi	49.6853811	36.83206785		40307				
Kharkivska	Izjumskyi	49.11443689	37.21129589		53288.8				
Kharkivska	Izjumskyi	49.122324	37.31303644		42969.8				
Kharkivska	Kupyanskyi	49.772204	36.97189643		290102.4				
Kharkivska	Izjumskyi	49.12002593	37.31382513		95415.6				
Kharkivska	Izjumskyi	49.1156834	37.3179484		44659.6				
Kharkivska	Izjumskyi	49.1074824	37.3211748		110079				
Kharkivska	Izjumskyi	49.11282238	37.320439		29995.6				
Kharkivska	Izjumskyi	49.1151552	37.314406		71780.2				
Kharkivska	Izjumskyi	49.1126132	37.3223362		17121.5				
Kharkivska	Izjumskyi	49.1200097	37.312538		21923.7				
Kharkivska	Izjumskyi	49.11970636	37.312113		72468.7				
Kharkivska	Izjumskyi	49.11080244	37.31868656		113291.1				
Kharkivska	Izjumskyi	49.118759	37.31086557		95932.9				
Kharkivska	Chuhuyivskyi	49.65183016	36.82137014		33915				
Kharkivska	Izjumskyi	49.57334466	36.78349461		175054				
Kharkivska	Chuhuyivskyi	49.69275716	36.82440053		139794				
Kharkivska	Chuhuyivskyi	49.74543587	36.96585		13445				
Kharkivska	Izjumskyi	49.4813644	36.78817534		9303				
Kharkivska	Izjumskyi	49.41534335	36.83976309		5408				
Kharkivska	Chuhuyivskyi	49.73403163	36.82017059		14767				
Kharkivska	Chuhuyivskyi	49.81030077	37.0573382		16916				
Kharkivska	Izjumskyi	49.10912867	37.32677283		46608.1				

Kharkivska	Izumskyi	49.1105295	37.3255495		66543.5				
Kharkivska	Izumskyi	49.109346	37.32552175		21749.4				
Kharkivska	Izumskyi	49.10921633	37.32350883		44669.4				
Kharkivska	Izumskyi	49.1133881	37.3100341		291727.6				
Kharkivska	Izumskyi	49.1138135	37.31784275		89518.9				
Kharkivska	Izumskyi	49.12053582	37.30329082		372141				
Kharkivska	Chuhuyivskyi	49.73916167	36.83049205		13006				
Kharkivska	Izumskyi	49.58999551	37.00824967		18803				
Kharkivska	Chuhuyivskyi	49.74206431	36.83496953		13136				
Kharkivska	Izumskyi	49.38474807	36.8279304		59705				
Kharkivska	Kharkivskyi	50.009116	36.56581975		11808.3				
Kharkivska	Kharkivskyi	50.01173443	36.54121229		48465				
Kharkivska	Kharkivskyi	50.00552167	36.5375265		26640.8				
Kharkivska	Chuhuyivskyi	49.73450058	36.96790655		2497				
Kharkivska	Izumskyi	49.38714466	36.86584235		11378				
Kharkivska	Chuhuyivskyi	49.73105194	36.82330292		14270				
Kharkivska	Chuhuyivskyi	50.05371298	36.81223681		38075				
Kharkivska	Izumskyi	49.38960998	36.80974643		15355				
Kharkivska	Chuhuyivskyi	49.71116842	36.84453504		4507				
Kharkivska	Izumskyi	49.39028375	36.86306861		20499				
Kharkivska	Izumskyi	49.39056526	36.8638734		11149				
Kharkivska	Chuhuyivskyi	49.75078521	36.94840576		14839				
Kharkivska	Chuhuyivskyi	49.64972509	36.82497903		68382				
Kharkivska	Chuhuyivskyi	49.72659075	36.92900504		15940				
Kharkivska	Izumskyi	49.37260008	36.84341232		10139				
Kharkivska	Izumskyi	49.40627456	36.82330617		15852				
Kharkivska	Chuhuyivskyi	49.7374467	36.87442095		37935				
Kharkivska	Izumskyi	49.60868327	36.99782662		34258				
Kharkivska	Izumskyi	49.57710084	36.80123703		97777				
Kharkivska	Chuhuyivskyi	49.65004008	36.817042		26686				
Kharkivska	Izumskyi	49.58061685	36.81620405		206087				
Kharkivska	Izumskyi	49.38653185	36.83063775		10097				

Kharkivska	Izyumskiyi	49.60887166	36.98205021		32448				
Kharkivska	Izyumskiyi	49.40099253	36.8567323		23099				
Kharkivska	Chuhuyivskiyi	49.71638883	36.79888935		39157				
Kharkivska	Chuhuyivskiyi	49.71016196	36.85055245		115697				
Kharkivska	Chuhuyivskiyi	49.74644387	36.83098457		10001				
Kharkivska	Chuhuyivskiyi	49.78272765	36.83218732		34780				
Kharkivska	Izyumskiyi	49.38408183	36.86916186		22036				
Kharkivska	Chuhuyivskiyi	49.84250816	37.03710214		61899				
Kharkivska	Chuhuyivskiyi	49.63041719	36.77139476		5928				
Kharkivska	Chuhuyivskiyi	49.75499065	36.91627228		91772				
Kharkivska	Chuhuyivskiyi	49.71170419	36.82393756		16509				
Kharkivska	Izyumskiyi	49.58558305	36.79778103		93637				
Kharkivska	Izyumskiyi	49.49110812	36.80547459		46078				
Kharkivska	Chuhuyivskiyi	49.73027539	36.90850263		23571				
Kharkivska	Izyumskiyi	49.5840773	36.78500315		119975				
Kharkivska	Chuhuyivskiyi	49.75190708	36.93769117		10391				
Kharkivska	Chuhuyivskiyi	49.67984533	36.81740619		28457				
Kharkivska	Chuhuyivskiyi	49.64327641	36.91714142		27024				
Kharkivska	Chuhuyivskiyi	49.68337318	36.82618499		46398				
Khersonska	Beryslavskiyi	47.18303585	33.17641986		130028				
Khersonska	Beryslavskiyi	47.18534182	33.19853008		15046	3			
Khersonska	Beryslavskiyi	47.18539416	33.19478189		12604				
Khersonska	Beryslavskiyi	47.20002044	33.13176122		2701				
Khersonska	Beryslavskiyi	47.18353686	33.19459582		5843				
Khersonska	Beryslavskiyi	47.20044314	33.12958094		22035				
Khersonska	Khersonskiyi	46.830601	32.3784145		19687.2				
Khersonska	Khersonskiyi	46.83010693	32.38375021		353416.1				
Khersonska	Beryslavskiyi	47.20088212	33.13558841		27853				
Khersonska	Beryslavskiyi	47.24751908	33.20106646		9985				
Khersonska	Beryslavskiyi	47.20132763	33.13893163		10810				
Khersonska	Beryslavskiyi	47.28313352	33.24828867		24574				
Khersonska	Beryslavskiyi	47.18763219	33.2172158		30983				

Khersonska	Beryslavskiyi	47.1995456	33.14036986		19783				
Khersonska	Beryslavskiyi	47.20241424	33.1353517		23901				
Khersonska	Beryslavskiyi	47.19801377	33.13330899		18670				
Khersonska	Beryslavskiyi	47.19038258	33.21664501		34518				
Khersonska	Beryslavskiyi	47.18934557	33.21939507		19792				
Khersonska	Beryslavskiyi	47.07194717	33.25792417		202479				
Khersonska	Beryslavskiyi	47.11039886	33.04454686		49668.1				
Khersonska	Beryslavskiyi	47.11174017	33.0411555		56024.5				
Khersonska	Beryslavskiyi	47.10931625	33.047054		37554.1				
Khersonska	Beryslavskiyi	47.0952075	33.0983595		94767.4				
Khersonska	Beryslavskiyi	47.20084798	33.12850662		6750				
Khersonska	Beryslavskiyi	47.119561	33.00538517		46848.3				
Khersonska	Beryslavskiyi	47.20427206	33.13810543		33675				
Khersonska	Beryslavskiyi	47.19891462	33.24673873		31255				
Khersonska	Beryslavskiyi	47.20261547	33.25049103		22715				
Khersonska	Beryslavskiyi	47.4391542	33.4596508		77075.3				
Khersonska	Beryslavskiyi	47.42326967	33.5314225		471567				
Khersonska	Beryslavskiyi	47.4049482	33.6111534		226141.2				
Khersonska	Beryslavskiyi	47.12138875	33.006562		80654.7				
Khersonska	Beryslavskiyi	47.090055	33.094229		10472.9				
Khersonska	Beryslavskiyi	47.44736117	33.399394		247124.6				
Khersonska	Beryslavskiyi	47.45485478	33.54053589		261690.8				
Khersonska	Beryslavskiyi	47.46124175	33.53441225		309118.5				
Khersonska	Beryslavskiyi	47.121001	33.012778		414009.9				
Khersonska	Beryslavskiyi	47.1191105	33.0186175		418613				
Khersonska	Beryslavskiyi	47.11767575	33.0267075		139015.1				
Khersonska	Beryslavskiyi	47.11474225	33.035561		147801.1				
Khersonska	Beryslavskiyi	47.10923693	33.15697316		40416				
Khersonska	Beryslavskiyi	47.20342522	33.23152798		10065				
Khersonska	Beryslavskiyi	47.21638923	33.24691547		10979				
Khersonska	Beryslavskiyi	47.20700555	33.14007036		5671				
Khersonska	Beryslavskiyi	47.19805375	33.14138956		12221				

Khersonska	Beryslavskiyi	47.21698624	33.24563594		12957			
Khersonska	Beryslavskiyi	47.20364175	33.23497239		26878			
Khersonska	Beryslavskiyi	47.20366905	33.13606332		13065			
Khersonska	Beryslavskiyi	47.1149475	33.024488		344006.4			
Khersonska	Beryslavskiyi	47.1118925	33.03329525		388299.7			
Khersonska	Beryslavskiyi	47.12279325	33.02845725		360254.5			
Khersonska	Beryslavskiyi	47.121395	33.03258275		292941.9			
Khersonska	Beryslavskiyi	47.526365	33.5229205		9403.8			
Khersonska	Beryslavskiyi	47.5298294	33.5296538		20532.4			
Chernihivska	Chernihivskiyi	51.45788321	31.1765634		23180			
Chernihivska	Chernihivskiyi	51.377546	31.18014575		7463.5			
Chernihivska	Nizhynskiyi	50.55634557	31.53009964		4676			
Chernihivska	Chernihivskiyi	51.41889804	31.08870089		10890			
Chernihivska	Chernihivskiyi	51.48043553	31.11388539		10268			
Chernihivska	Nizhynskiyi	50.56042836	31.54405257		3150			
Chernihivska	Nizhynskiyi	50.53411301	31.38466968		44552			
Chernihivska	Chernihivskiyi	51.56984327	31.3923574		6358			
Chernihivska	Nizhynskiyi	50.52806191	31.39444287		18042			
Chernihivska	Nizhynskiyi	50.63566835	31.33118015		18235			
Chernihivska	Chernihivskiyi	51.31743283	31.27629475		71495.4			
Chernihivska	Chernihivskiyi	51.33245983	31.26274783		19944.1			
Chernihivska	Chernihivskiyi	51.3259845	31.26879617		9154.5			
Chernihivska	Nizhynskiyi	50.63487113	31.33586655		8357			
Chernihivska	Chernihivskiyi	51.91035356	31.6549215		9412.3			
Chernihivska	Chernihivskiyi	51.42497421	31.14785963		2678			
Chernihivska	Prylutskyi	50.68949326	32.35922892		368542.6			
Chernihivska	Prylutskyi	50.69150555	32.36449959		212733.2			
TOTAL :				23344445.9	11877924.6			

\* Taking into consideration intensive hostilities from the side of the Russian Federation, the Ministry of Defence of Ukraine currently lacks complete information on the coordinates of all areas where anti-personnel mines might be installed. 156,000 km<sup>2</sup> of territories on land incl. 14,000 km<sup>2</sup> of water areas on



which hostilities were/are being conducted are subject to preliminary survey. At the same time, the Ministry of Defence is actively conducting measures to check these issues in the de-occupied territories. 38 certified mine action operators were conducting non-technical/technical survey of contaminated territories.

### Form F Technical characteristics of each type produced/owned or possessed anti-personnel mine

Article 7.1 “Each State Party shall report to the Secretary-General on:

h) The technical characteristics of each type of anti-personnel mine produced, to the extent known, and those currently owned or possessed by a State Party, giving, where reasonably possible, such categories of information as may facilitate identification and clearance of antipersonnel mines; at a minimum, this information shall include the dimensions, fusing, explosive content, metallic content, colour photographs and other information which may facilitate mine clearance”

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024

#### 1. Technical characteristics of each APM-type produced

Type	Dimensions	Fusing	Explosive content		Metallic content	Colour photo attached	Supplementary information to facilitate mine clearance.
			type	grams			
ANTI-PERSONNEL MINES ARE NOT PRODUCED IN UKRAINE							

#### 2. Technical characteristics of each APM-type currently owned or possessed

Type	Dimensions, MM	Fusing	Explosive content		Metallic content	Colour photo attached	Supplementary information to facilitate mine clearance.
			type	grams			
PFM	119x64x20	Hydromechanical with pushing action.	VS-6D	40	About 10 grams		Destroyed on-site by subversive or mechanical means (hitting by tracked vehicles).
OZM-4	Diameter 90 height 170	Mechanical.	TNT	170	About 5000 grams		Destroyed on-site by trawling.

**Form G Status of programmes for conversion or decommissioning of APM production facilities**

Article 7.1 "Each State Party shall report to the Secretary-General on:

e) The status of programmes for the conversion or decommissioning of antipersonnel mine production facilities."

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024

Indicate if to "convert" or "decommission"	Status (indicate if "in process" or "completed")	Supplementary information
Ukraine did not and does not produce anti-personnel mines.		

**Form H Victim Assistance**

State (Party): Ukraine, reporting for time period from 01<sup>st</sup> January 2023 till 01<sup>st</sup> January 2024

**The number of those killed and injured in landmine and ERW accidents in Ukraine**

	Women		Men		Girls		Boys		Impairment acquired	Total
	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed		
2022	18	19	189	105	9	1	26	10		377
2023	25	6	133	304	12	0	27	3		510
<b>T O T A L :</b>	43	25	322	409	21	1	53	13	215	887

In order to implement Action 35 of Oslo Action Plan Ministry of Defence of Ukraine as the National Mine Action Authority Secretariat established a centralised interactive database on landmine and explosive remnants of war accidents and victims. Thanks to the National Mine Action Authority Secretariat database information sharing 54 survivors with post-explosion traumas managed to receive the assistance in cash, medicines, rehabilitation equipment, surgery, computer hard & software required for remote empowerment and learning. Total cost of such assistance so far reached 1 105 587,00 Ukrainian hryvnia.

**Form I Cooperation and assistance**

On June 2023 Ukraine and the Republic of Lithuania established Demining Capability Coalition to train and equip 10 battalions and 3 separated companies of Ministry of Defence of Ukraine assigned for the purposes of demining (humanitarian demining) of the newly liberated areas of Ukraine. Those units were formed following the relevant Decision of the Minister of Defense of Ukraine from 22<sup>nd</sup> March 2023.

On May 2023 the US Government International Technical Assistance Project was registered on Conventional Weapons Destruction Support for Ukraine (CWDSU). Beneficiaries of the project include Ministry of Defence of Ukraine and Ministry of Interior of Ukraine. Total cost of the project is so far 70 mln. US Dollars. The ITA project aims the foundation and further support for Ukrainian school for the purposes of training not less than 100 humanitarian deminers annually according to IMAS standards.

Head of the Main Department on Mine Action, Civil Protection and Environmental Safety, Head of the National Mine Action Authority Secretariat  
Colonel

Ruslan Berehulia