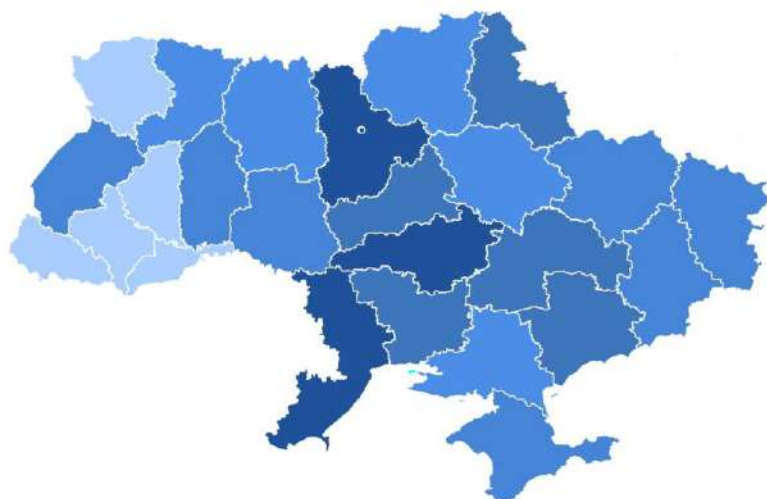


NATIONAL CANCER INSTITUTE OF UKRAINE



CANCER IN UKRAINE, 2021-2022

*Incidence, mortality, prevalence
and other relevant statistics*



**BULLETIN OF THE NATIONAL CANCER
REGISTRY OF UKRAINE**

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All malignancies	C00-C96 10
All malignancies but non-melanoma of skin	C00-C96 (C44,C46.0 excluded) 12
Lip	C00 14
Oral cavity	C01-C08,C46.2 16
Pharynx	C09-C14 18
Oesophagus	C15 20
Stomach	C16 22
Colon	C18 24
Rectum, anus	C19-C21 26
Liver	C22 28
Pancreas	C25 30
Larynx	C32 32
Trachea, bronchus, lung	C33- C34 34
Bones, joints and articular cartilage	C40-C41 36
Melanoma of skin	C43 38
Non-melanoma of skin	C44,C46.0 40
Breast	C50 42
Cervix uteri	C53 44
Corpus uteri	C54 46
Ovary	C56 48
Prostate	C61 50
Kidney	C64-C65 52
Urinary bladder	C67 54
Brain	C71 56
Thyroid	C73 58
Hodgkin's lymphoma	C81 60
Non-Hodgkin's lymphoma	C82-C85 62
Multiple myeloma	C90 64
Leukaemia	C91-C95 66
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GLOSSARY

Crude incidence (mortality) rate (CR) - number of new cancer cases (or cases of death from cancer) occurring in a population during a year divided by the average number of this population in the same year, expressed per 100,000. It describes the frequency of new cases in a population of a region and used for the analysis of epidemiological situation in a region.

Age-standardized incidence (mortality) rate (ASR) – incidence (mortality) rate in a defined population calculated applied to the age distribution of a "standard population", expressed per 100,000. The World Standard Population is generally used for comparison between countries (with use of ASR(W)). The Ukrainian Standard Population was calculated in the Ukrainian National Cancer Registry based on the age distribution of Ukrainian population in 2000. ASR(U) with Ukrainian Standard Population is advisable for comparing cancer incidence or mortality levels between the regions of Ukraine or for the time analysis in a region.

Standard error (SE) presents a measure of precision of the estimated age-standardized rate; it is necessary for estimation of its 95% confidence interval ($ASR \pm 1.96 \times SE$) and is used when comparing rates to determine the significance of difference between them.

Prevalence rate is a proportion of cancer patients in a defined population, expressed per 100,000. The **complete prevalence rate** is calculated as a total number of persons with cancer divided by the number of this population at the end of a year. The **5-year prevalence** is calculated for a number of persons with cancer diagnosed within the previous five years.

DESCRIPTION OF TABLES AND RATES

All information in the Bulletin is calculated based on the personified data of regional cancer registries, which are the component parts of the [National Cancer Registry of Ukraine](#) (NCR).

The information is given by articles that represent selected cancers by ICD-10 codes. A separate article contains information about all children cancers (0-17 years old). Children cancer incidence and mortality rates by nosologic forms are included into the corresponding articles.

Please note that NCR did not receive the databases of AR Krym, Sevastopol city, Donetska oblast and some parts of Luhanska oblast of 2021. That is why numbers of cancer patients, cancer cases and deaths from cancer in Ukraine as a whole, if provided, do not cover the cases occurred in these regions. All rates for Ukraine as a whole for 2021 are calculated with the exception of data of the oblasts mentioned above; rates for Luhanska oblast are not calculated.

Table 1 of each article includes rates for 2021 calculated using the adjusted data registered until the end of 2022. All rates are given for total, male and female population. Age-standardized rates are given for World Standard Population (ASR(W)) and Ukrainian Standard Population (ASR(U)). Children rates are calculated for the number of children population aged 0-17 years.

Change of the incidence rate 2021 is shown compared to the one of 2020. A negative value indicates decrease of the ASR(U) in 2021; a positive value indicates its increase. If the change of the rate is statistically significant for a significance level $p \leq 0.05$ then it is marked by \uparrow or \downarrow . If the change is statistically significant for a significance level $p \leq 0.01$ then it is marked by $\uparrow\uparrow$ or $\downarrow\downarrow$. Statistically insignificant difference is marked $\sim\sim$ and suggests that it could be due to random fluctuations.

Rate "**Lived less than 1 year since the diagnosis in 2021**" is calculated with respect to the total number of cancer patients with diagnosis of 2021, regardless of whether they were diagnosed and registered alive or dead.

Rate "**From among the newly diagnosed – diagnosed post mortem**" is calculated as a ratio of number of cancer patients with post mortem diagnosis to the total number of those diagnosed in 2021.

Rate "**Microscopically verified**" is a proportion of cancer cases of 2021 verified with histological or cytological examination. Rate "**Histologically verified**" is a proportion of histologically verified cases of the total number of cancer cases of 2021.

"**Unspecified morphology**" is a percentage of microscopically verified cases with ICDO morphology codes 8000-8005.

Rate "**Patients diagnosed during the preventive medical examinations**" is a proportion of patients with cancer detected during the preventive medical examination or in a doctor's consulting room for women of the total number of cancer patients of 2021.

Rate "**Newly diagnosed patients received the special treatment**" is a ratio of cancer patients who received the special anti-cancer treatment (curative, palliative or prophylactic anti-cancer therapy), along with surgery or without it, during 12 months from the moment of diagnosis, to the total number of cancer patients. Ratio of patients received "**combined or complex treatment**" shows percentage of patients who received chemotherapy, hormonal treatment, immunotherapy and radio-therapy along with surgery, as distinct from those who received "**surgical treatment only**" or other monotherapy.

Rates "**Incidence and mortality of children population**" are calculated as a ratio of number of cancer cases and deaths from cancer in population of persons under 18 years old at time of diagnosis or death to the total number of children population of the correspondent gender.

Table 2 - Incidence and mortality, 2021 includes rates by administrative territories (oblasts and Autonomous Republic of Crimea). All rates are given for total, male and female population in according to such pattern: crude rate, ARS(*W*) and ASR(*U*). These data are calculated considering corrections and additive information received by regional registries during 2022.

Table 3 - Incidence and mortality, 2022 includes incidence rates by administrative territories according to the on-line data of regional cancer registries. The rates are given for total, male and female population in according to a pattern: number of cases and crude rate. This Table includes on-line (not adjusted) data that were registered until the end of 2022, and therefore these rates could change after receiving the additional information during the next years.

In 2022, due to large-scale hostilities in Ukraine, all regional cancer registries received information about both newly diagnosed cancer patients and those who were already registered, with a delay or with long interruptions. In particular, this applies to regions such as Donetska, Zaporizka, Kyivska, Luhanska, Mykolaivska, Kharkivska, Khersonska oblasts and Kyiv city, where the number of new cases registered during 2022 has decreased significantly and cannot represent cancer incidence and mortality even roughly.

Besides, the State Statistics Service of Ukraine did not publish the number of the Ukrainian population at the end of 2022, therefore it is impossible to calculate rates of cancer incidence, mortality and prevalence for this year.

Table 4 includes some important rates of 2022 calculated based on the on-line data of regional registries.

Rates "**Stage distribution of new cases**" consist of proportions of cancer patients with respective stage that was automatically defined based on (p)TNM indices (TNM classification of the 6th edition

was used). Column "**Not determined**" accounts cancers that are subject to TNM staging classification but were registered without TNM indices (though they are to be classified) or the indices were incorrect or any other relevant information was missed (e.g. differentiation grade of tumour of bones, etc.). Cancers that are not subject to staging by TNM were not taken into account in "Not determined" stage. The articles **Hodgkin lymphoma** and **Non-Hodgkin lymphoma** show the distribution by Ann-Arbour stages. The article **Leukaemia** includes proportions of acute, sub-acute, chronic and unspecified forms of the disease. The **Children** article shows the distribution by the stage of solid cancers and lymphomas (C00-C85).

The **distribution by stage** as well as rates "**Received special treatment**" and "**During the preventive examination**" are calculated as a ratio of the corresponding on-line number of cancer patients of 2022 to the total number of new cancer patients registered in 2022, and rate "**Microscopically verified**" is calculated based on the relevant *cancer cases*.

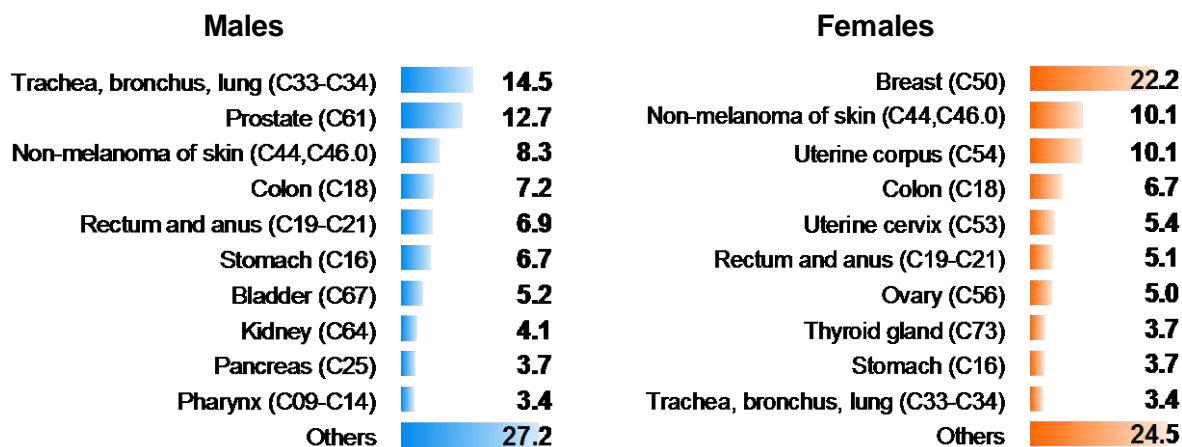
Rate "**Lived less than 1 year since the diagnosis in 2021**" is calculated in a similar way to that described in Table 1. Number of cancer patients who were **diagnosed post-mortem** is also given.

"**Patients per 100,000 of population**" represents rates of complete cancer prevalence at the end of 2022 per 100,000.

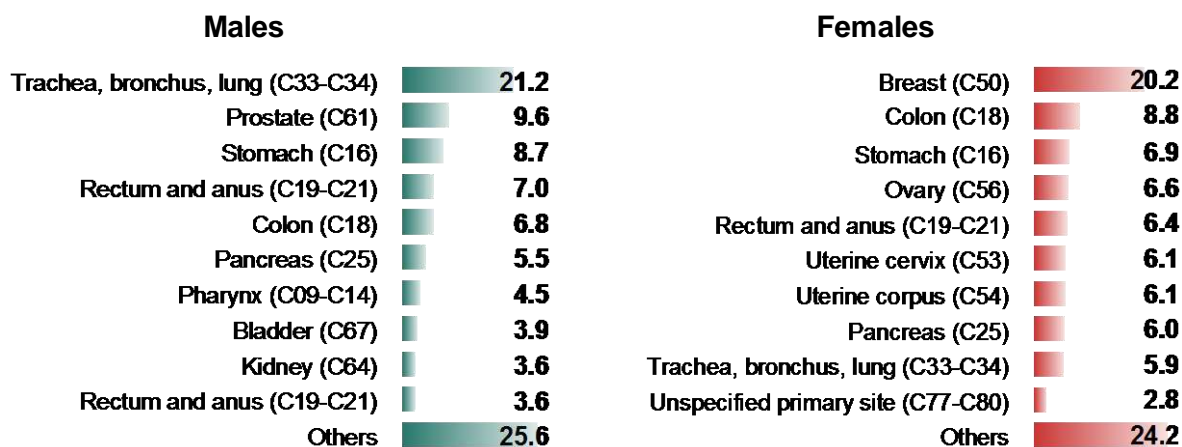
Tables of **Annex A "Rates for selected cancer sites by age groups – incidence"** and **Annex B "Rates for selected cancer sites by age groups – mortality"** include total number of cancer cases and deaths from cancer, age-specific rate, crude rate, age-standardized rate (World Standard Population) per 100,000 of population and standard error (SE) of the ASR(W) for 53 nosologic forms of cancer as well as for all sites in total and for all sites with the exception of non-melanoma skin cancer. All rates are calculated for population of Ukraine by gender and age groups and based on the adjusted NCR data of 2021.

Annex E – "Total cancer prevalence by site" shows the nosological structure of all cancer patients that are registered in the oncological institutions and have not been registered as deceased at the end of 2022, as well as appropriate numbers of cancer patients and prevalence rates per 100 000 of population. The same data for the **5-year cancer prevalence** see on page 9.

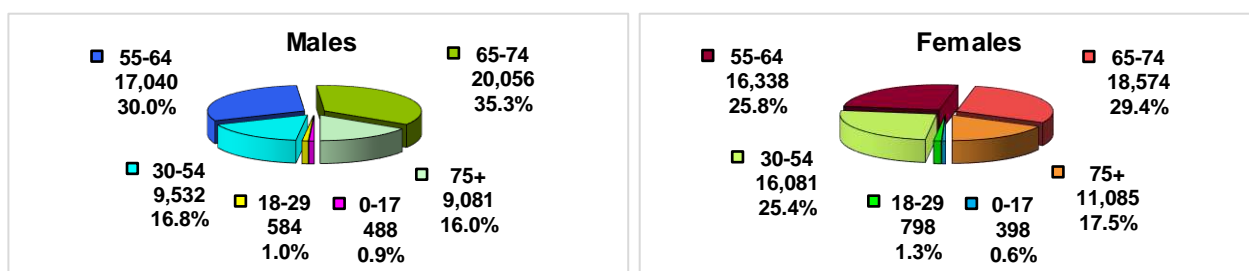
Relative frequency of 10 leading cancer sites, incidence (%)



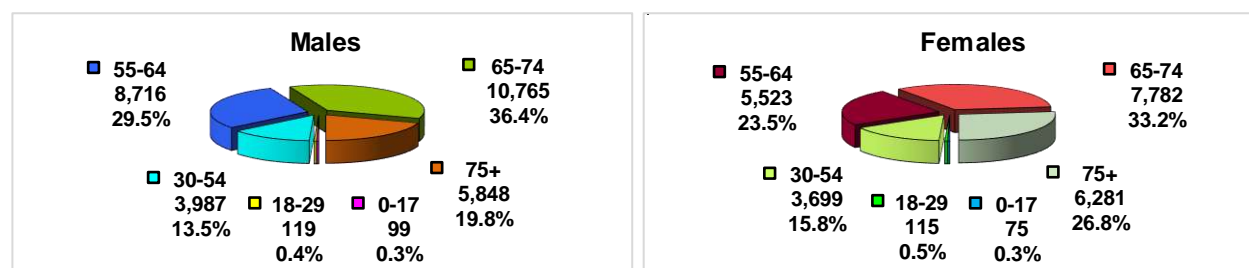
Relative frequency of 10 leading cancer sites, mortality (%)

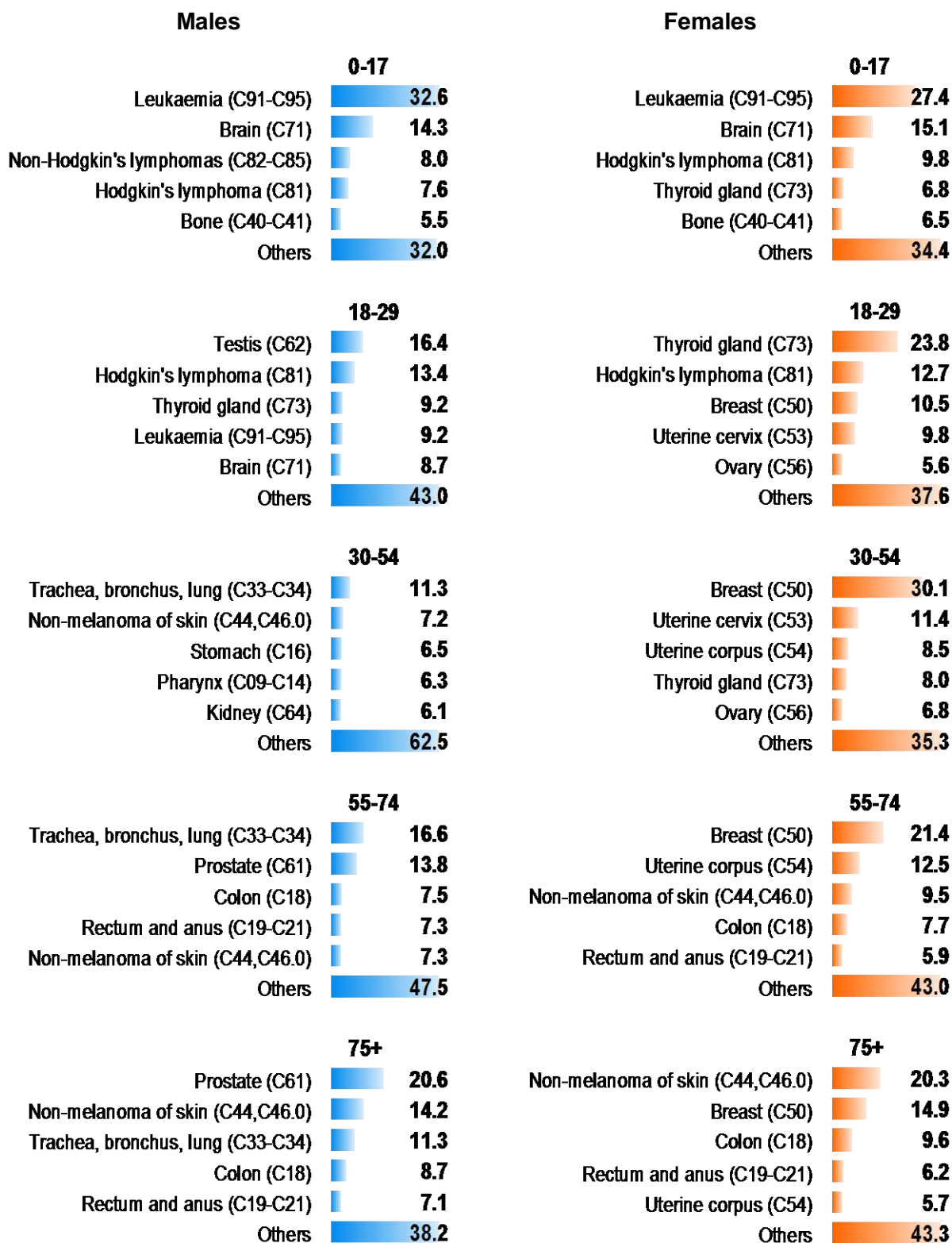


New cancer cases by age groups



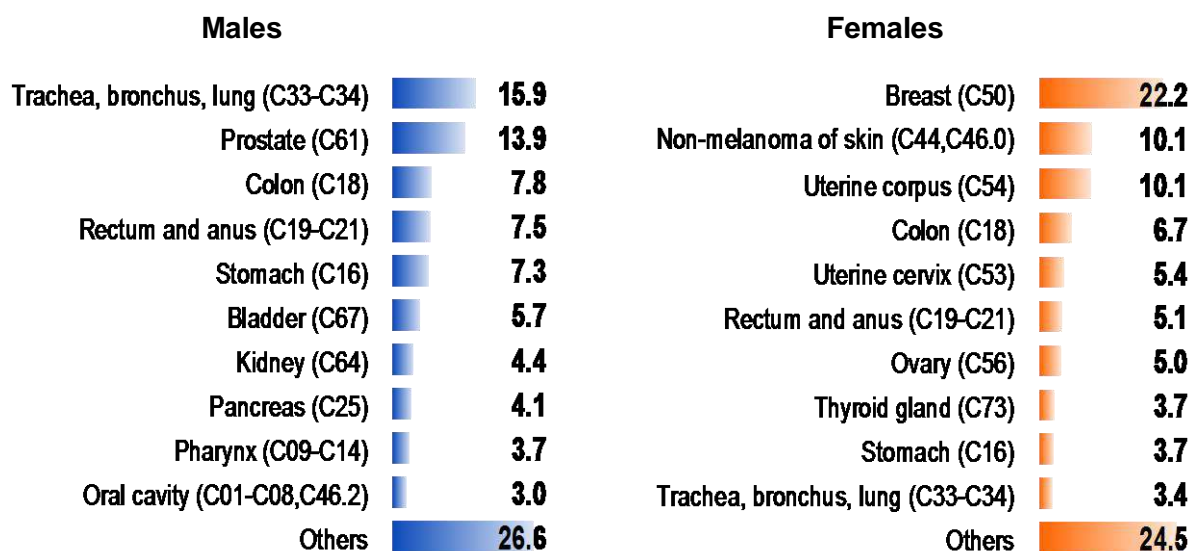
Deaths from cancer by age groups



Relative frequency of 5 leading cancer sites by age groups, *incidence*, %

Relative frequency of 5 leading cancer sites by age groups, *mortality*, %

Relative frequency of 10 leading cancer sites, non-melanoma of skin excluded, incidence, %



Relative frequency of 5 most common cancer sites, non-melanoma of skin excluded, by age groups, incidence, %



Five-year prevalence: the most prevalent cancers, %

Males	
Prostate (C61)	16.1
Non-melanoma of skin (C44,C46.0)	14.2
Trachea, bronchus and lung (C33-C34)	8.7
Colon (C18)	7.2
Rectum and anus (C19-C21)	7.1
Bladder (C67)	6.7
Kidney (C64)	5.0
Stomach (C16)	4.5
Larynx (C32)	3.0
Leukaemia (C91-C95)	2.8
Pharynx (C09-C14)	2.7
Skin melanoma (C43)	2.7
Oral cavity (C01-C08,C46.2)	2.2
Non-Hodgkin's lymphomas (C82-C85)	2.0
Pancreas (C25)	1.7
Thyroid gland (C73)	1.5
Unspecified primary site (C77-C80)	1.3
Brain and CNS (C70-C72)	1.3
Oesophagus (C15)	1.1
Testis (C62)	1.1
Hodgkin's disease (C81)	1.0
Multiple myeloma (C90)	0.7
Lip (C00)	0.7
Others	4.6

Females	
Breast (C50)	25.1
Non-melanoma of skin (C44,C46.0)	14.3
Uterine corpus (C54)	11.5
Uterine cervix (C53)	6.0
Colon (C18)	5.5
Thyroid gland (C73)	4.8
Ovary (C56)	4.7
Rectum and anus (C19-C21)	4.4
Kidney (C64)	2.9
Skin melanoma (C43)	2.7
Stomach (C16)	2.2
Trachea, bronchus and lung (C33-C34)	2.0
Leukemia (C91-C95)	1.8
Non-Hodgkin's lymphomas (C82-C85)	1.4
Pancreas (C25)	1.2
Bladder (C67)	1.1
Brain and CNS (C70-C72)	0.9
Unspecified primary site (C77-C80)	0.8
Hodgkin's disease (C81)	0.8
Oral cavity (C01-C08,C46.2)	0.6
Vulva (C51)	0.6
Multiple myeloma (C90)	0.6
Soft and connective tissue (C46.1,C49)	0.5
Others	3.6

Five-year prevalence: number of patients *

Site	Persons number	Males number	Females number
All sites (C00-C96)	381914	159212	222702
<i>All sites excluding non-melanoma of skin (C00-C96 excluding C44,</i>	327486	136635	190851
Breast (C50)	56321	402	55919
Non-melanoma of skin (C44,C46.0)	54428	22577	31851
Prostate (C61)	25643	25643	
Uterine corpus (C54)	25581		25581
Colon (C18)	23771	11520	12251
Rectum and anus (C19-C21)	21203	11375	9828
Trachea, bronchus and lung (C33-C34)	18328	13774	4554
Kidney (C64)	14326	7958	6368
Uterine cervix (C53)	13259		13259
Bladder (C67)	13086	10655	2431
Thyroid gland (C73)	13048	2387	10661
Stomach (C16)	12030	7163	4867
Ovary (C56)	10386		10386
Skin melanoma (C43)	10297	4253	6044
Leukemia (C91-C95)	8348	4408	3940
Non-Hodgkin's lymphomas (C82-C85)	6337	3164	3173
Pancreas (C25)	5460	2721	2739
Pharynx (C09-C14)	5121	4275	846
Larynx (C32)	5059	4774	285
Oral cavity (C01-C08,C46.2)	4959	3561	1398
Brain and central nervous system (C70-C72)	4061	2093	1968
Unspecified primary site (C77-C80)	3982	2140	1842
Hodgkin's lymphoma (C81)	3418	1599	1819
Multiple myeloma (C90)	2443	1170	1273
Soft and connective tissue (C46.1,C49)	2160	1045	1115
Esophagus (C15)	2132	1820	312
Liver (C22)	1860	1086	774
Testis (C62)	1738	1738	
Lip (C00)	1654	1121	533
Gallbladder (C23-C24)	1468	627	841
Vulva (C51)	1352		1352
Bone (C40-C41)	862	442	420
Retroperitoneum and peritoneum (C48)	839	340	499
Eye (C69)	778	336	442
Nasal cavities, etc. (C30-C31)	738	438	300
Small intestine (C17)	714	328	
Others	4724	2279	1640

* Does not include patients of AR Krym, Sevastopol city

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		120055	56781	63274
Incidence (crude rate)		344.5	350.4	339.3
Incidence (age-standardized, world standard)		196.8	226.3	184.8
Incidence (age-standardized, Ukrainian standard)		304.8	372.9	273.8
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		6.0% ↑↑	5.8% ↑↑	6.7% ↑↑
Mortality: number of new cases*		53009	29534	23475
Mortality (crude rate)		152.1	182.2	125.9
Mortality (age-standardized, world standard)		79.9	114.1	59.2
Mortality (age-standardized, Ukrainian standard)		132.6	196.2	96.0
Lived less than 1 year since the diagnosis in 2021, %		25.1	32.3	18.5
From among the newly diagnosed – diagnosed post mortem, %		1.8	2.2	1.5
Microscopically verified diagnoses, %		86.0	82.4	89.2
Diagnoses verified with histology, %		79.6	75.5	83.2
Unspecified morphology, %		4.2	4.9	3.7
Patients diagnosed during the preventive medical examinations, %		16.7	11.0	21.7
Newly diagnosed patients received the anti-cancer treatment, %		71.8	66.7	76.4
- surgical treatment only, %		24.5	22.4	26.5
- combined or complex treatment, %		22.9	15.6	29.5
Incidence of children population (age 0-17 years):	cases*	886	488	398
	rate per 100 000 of children population	13.5	14.4	12.5
Mortality of children population (age 0-17 years):	cases*	174	99	75
	rate per 100 000 of children population	2.7	2.9	2.4

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	344.5	350.4	339.3	196.8	226.3	184.8	304.8	372.9	273.8	152.1	182.2	125.9	79.9	114.1	59.2	132.6	196.2	96.0
AR Krym																		
Vinnitska	336.9	365.5	312.1	189.9	226.4	170.6	292.9	369.6	251.8	162.7	207.6	123.8	81.5	123.1	54.8	135.5	212.4	89.4
Volynska	299.9	305.1	295.3	194.8	226.6	179.0	302.6	374.3	265.7	141.9	175.5	111.8	87.6	127.6	62.1	143.5	217.1	99.1
Dnipropetrovska	358.8	358.2	359.4	198.2	227.6	187.8	306.2	372.5	278.9	142.5	162.8	125.4	70.7	98.9	54.9	117.8	170.2	90.0
Donetska																		
Zhytomyrska	326.8	333.6	320.9	193.2	218.7	185.9	293.2	355.3	268.4	133.7	160.5	110.3	72.6	101.9	55.0	118.3	172.2	87.2
Zakarpatska	271.3	290.4	253.5	182.6	220.3	159.8	281.1	355.3	237.6	158.1	192.1	126.6	102.9	144.4	75.5	166.7	244.3	118.4
Zaporizka	353.2	354.6	352.0	184.6	213.2	174.7	288.6	354.4	261.8	148.1	174.9	125.5	69.7	101.2	52.4	117.6	177.8	86.3
Ivano-Frankivska	320.1	338.0	304.0	191.8	230.4	172.4	301.5	385.5	258.6	155.7	190.2	124.9	87.0	125.7	62.7	147.0	221.6	102.6
Kyivska	317.7	305.3	328.1	192.5	208.1	192.4	293.3	341.9	279.0	123.2	149.9	100.7	68.0	100.3	49.5	113.4	174.8	80.6
Kirovohradska	416.8	436.0	400.4	225.8	268.8	206.1	348.3	441.0	303.7	202.2	248.6	162.3	101.8	148.5	73.4	165.3	251.0	116.9
Luhanska																		
Lvivska	328.2	345.5	312.6	194.2	230.0	176.4	302.6	381.0	262.2	132.0	160.8	106.1	72.6	104.4	51.9	121.0	179.9	84.6
Mykolaiivska	356.3	367.5	346.7	195.3	231.0	179.4	304.6	384.0	267.2	152.0	183.2	125.0	78.4	112.1	58.1	128.4	192.0	92.0
Odessa	304.9	302.7	306.8	180.7	202.9	172.5	277.9	332.2	253.6	91.7	107.7	77.4	50.7	70.5	38.5	82.9	119.3	61.2
Poltavska	359.9	361.7	358.4	193.7	217.7	187.1	300.6	361.2	276.3	173.5	203.3	147.9	86.0	118.6	66.9	141.5	203.3	106.9
Rivnenska	277.8	278.0	277.6	186.6	211.6	176.6	284.2	341.5	258.4	129.4	160.7	101.1	80.7	120.4	55.1	133.4	204.8	90.8
Sumska	377.9	393.0	365.1	196.7	224.6	185.5	302.4	367.6	272.1	159.4	190.5	132.9	75.0	105.9	55.6	124.3	182.0	90.6
Ternopil'ska	314.4	332.8	298.2	183.3	216.3	166.7	284.6	357.4	247.4	161.7	210.6	118.6	86.7	132.3	56.5	144.8	226.9	94.0
Kharkivska	377.6	383.7	372.4	203.3	240.1	187.8	318.0	397.7	281.9	194.7	219.2	173.6	97.3	133.2	76.7	161.7	228.9	124.9
Khersonska	375.2	385.8	366.1	213.6	248.8	200.8	328.0	410.5	293.1	180.6	218.4	147.7	96.7	138.6	70.6	156.3	232.6	111.9
Khmelnytska	368.8	390.2	350.1	206.2	242.9	189.1	317.5	397.1	279.0	189.8	241.2	145.1	97.4	144.3	67.8	160.0	246.2	109.0
Cherkaska	422.1	441.6	405.5	220.6	252.4	208.2	340.6	417.5	304.8	196.8	237.5	162.1	91.4	129.1	69.0	153.7	226.0	112.3
Chernivetska	237.4	253.0	223.6	148.3	177.5	131.1	227.4	284.9	194.8	74.8	88.4	62.7	42.6	59.4	32.2	71.2	103.8	52.3
Chernihivska	402.2	433.2	376.3	210.5	251.5	193.9	320.6	412.8	279.1	181.3	249.6	124.4	88.1	141.2	55.4	141.1	237.7	85.7
Kyiv city	379.1	349.4	404.5	220.2	227.4	223.2	347.8	381.4	337.4	159.6	176.7	145.0	84.4	110.4	69.0	144.8	194.4	116.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	4891	2493	2398				1802	1055	747			
Volynska	3051	1558	1493				1472	907	565			
Dnipropetrovska	9876	4590	5286				4972	2697	2275			
Donetska	353	128	225				43	22	21			
Zhytomyrska	3413	1716	1697				1429	806	623			
Zakarpatska	2792	1443	1349				1547	890	657			
Zaporizka	3208	1531	1677				1217	650	567			
Ivano-Frankivska	4016	2078	1938				2008	1197	811			
Kyivska	4611	2097	2514				1578	862	716			
Kirovohradska	3554	1754	1800				1704	974	730			
Luhanska	224	116	108				74	44	30			
Lvivska	7573	3805	3768				2766	1642	1124			
Mykolaivska	1739	833	906				623	305	318			
Odesska	5390	2558	2832				1652	910	742			
Poltavska	4344	2130	2214				2059	1138	921			
Rivnenska	2883	1473	1410				1368	779	589			
Sumska	3648	1817	1831				1514	855	659			
Ternopil'ska	3077	1622	1455				1568	907	661			
Kharkivska	1749	867	882				375	208	167			
Khersonska	1706	837	869				677	385	292			
Khmelnyska	4533	2182	2351				2211	1298	913			
Cherkaska	4418	2171	2247				2181	1245	936			
Chernivetska	1821	909	912				443	253	190			
Chernihivska	3377	1684	1693				1589	928	661			
Kyiv city	7630	3295	4335				2330	1117	1213			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	22.3	24.1	18.2	22.4	6.7	25.1		70.9	84.6	14.8	1105152	393452	711700
AR Krym													
Vinnyska	26.3	25.5	18.7	25.2	0.1	25.2	9	71.6	83.0	17.6	48679	16875	31804
Volynska	20.6	28.7	14.3	26.2	4.4	28.8	48	73.4	84.7	0.1	26286	9211	17075
Dnipropetrovska	21.5	26.3	19.8	19.5	5.4	23.5	89	62.3	82.3	9.7	85275	28913	56362
Donetska	20.9	18.6	26.0	19.4	11.4			83.4	68.0	1.1			
Zhytomyrska	25.9	22.3	19.4	22.6	3.4	22.9	14	75.9	94.7	1.6	34891	11861	23030
Zakarpatska	16.1	20.8	20.4	29.5	5.3	37.4	126	68.6	85.0	7.6	25428	9548	15880
Zaporizka	25.5	20.9	18.6	26.7	5.1	19.5	29	59.2	77.5	12.5	53910	18839	35071
Ivano-Frankivska	22.6	23.4	17.7	25.5	4.5	27.7	26	73.8	86.7	1.3	33163	12594	20569
Kyivska	22.0	26.5	19.4	24.3	3.4	20.1	1	75.1	85.2	18.4	63652	21658	41994
Kirovohradska	27.5	26.3	17.0	23.3	0.5	31.4	193	69.7	81.3	15.8	30901	10286	20615
Luhanska	14.6	13.2	12.3	17.5	32.1			68.4	83.0	7.5			
Lvivska	25.3	20.1	17.8	20.0	10.4	23.1	13	74.4	84.4	17.2	75005	29500	45505
Mykolaivska	11.1	15.1	11.3	22.9	31.4	22.6	197	22.3	84.5	1.1	41526	15186	26340
Odesska	23.1	25.4	14.3	20.8	11.9	14.8	20	81.8	87.6	3.2	79120	30294	48826
Poltavska	21.0	26.0	19.2	26.5	2.3	29.2	29	72.4	83.3	15.9	45283	15641	29642
Rivnenska	18.9	24.2	18.8	13.5	15.8	21.3	1	59.0	82.8	22.6	27241	9516	17725
Sumska	22.7	33.3	12.8	17.8	6.6	20.9	2	68.3	84.2	31.1	39307	13607	25700
Ternopil'ska	20.1	22.0	21.0	26.8	2.4	30.5	30	73.3	82.3	22.1	28686	10635	18051
Kharkivska	11.8	14.3	20.1	34.8	13.7	28.5	108	73.5	87.8	3.0	88532	30995	57537
Khersonska	16.4	25.7	18.2	32.4	1.5	27.5	88	66.2	80.7	5.3	32552	11266	21286
Khmelnyska	19.8	33.5	23.9	11.8	1.5	31.1	18	71.6	79.1	19.0	37074	13011	24063
Cherkaska	24.5	18.5	16.6	27.0	6.9	30.9	258	75.2	84.7	4.2	44091	15749	28342
Chernivetska	16.4	21.4	24.7	28.6	3.5	14.8	-	76.2	82.9	2.2	24794	9997	14797
Chernihivska	21.9	23.2	18.8	25.6	3.0	30.0	97	77.6	88.4	14.1	30152	10202	19950
Kyiv city	26.3	21.8	15.7	15.9	13.8	24.2	630	78.7	90.9	47.6	109604	38068	71536
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		108946	52085	56861
Incidence (crude rate)		312.6	321.4	304.9
Incidence (age-standardized, world standard)		181.1	208.6	170.1
Incidence (age-standardized, Ukrainian standard)		277.5	341.1	248.6
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		5.3% ↑↑	5.1% ↑↑	6.0% ↑↑
Mortality: number of new cases*		52544	29301	23243
Mortality (crude rate)		150.8	180.8	124.7
Mortality (age-standardized, world standard)		79.4	113.2	58.8
Mortality (age-standardized, Ukrainian standard)		131.6	194.5	95.3
Lived less than 1 year since the diagnosis in 2021, %		27.3	34.9	20.4
From among the newly diagnosed – diagnosed post mortem, %		2.0	2.4	1.6
Microscopically verified diagnoses, %		84.8	81.0	88.2
Diagnoses verified with histology, %		79.5	75.0	83.6
Unspecified morphology, %		4.4	5.2	3.8
Patients diagnosed during the preventive medical examinations, %		13.9	8.1	19.2
Newly diagnosed patients received the anti-cancer treatment, %		70.2	64.8	75.1
- surgical treatment only, %		20.2	18.3	21.9
- combined or complex treatment, %		24.8	16.6	32.3
Incidence of children population (age 0-17 years):	cases*	884	487	397
	rate per 100 000 of children population	13.4	14.4	12.4
Mortality of children population (age 0-17 years):	cases*	174	99	75
	rate per 100 000 of children population	2.7	2.9	2.4

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	312.6	321.4	304.9	181.1	208.6	170.1	277.5	341.1	248.6	150.8	180.8	124.7	79.4	113.2	58.8	131.6	194.5	95.3
AR Krym																		
Vinnyska	305.0	336.1	278.2	175.1	209.7	156.7	266.6	339.2	227.7	159.4	204.6	120.3	80.3	121.6	53.9	133.3	209.4	87.6
Volynska	268.7	280.7	257.9	177.0	208.9	161.1	271.5	342.9	234.8	140.8	174.7	110.5	87.1	127.1	61.6	142.6	216.1	98.4
Dnipropetrovska	327.5	328.6	326.6	183.4	210.0	174.6	280.6	341.5	256.0	141.3	161.5	124.3	70.3	98.2	54.7	117.0	168.9	89.4
Donetska																		
Zhytomyrska	294.4	304.5	285.5	177.1	200.4	170.9	264.8	322.5	242.3	132.1	159.2	108.5	72.1	101.1	54.6	117.3	170.8	86.5
Zakarpatska	250.1	270.7	231.0	169.5	205.0	147.9	258.2	328.2	216.5	157.2	191.3	125.7	102.4	143.8	75.1	165.7	243.1	117.6
Zaporizka	312.0	319.0	306.1	168.0	193.3	159.9	257.7	317.0	234.0	147.2	174.1	124.6	69.5	100.7	52.2	117.1	176.7	86.0
Ivano-Frankivska	285.2	306.5	266.2	172.9	209.6	154.4	268.9	347.6	228.4	153.6	188.1	122.6	86.1	124.4	62.0	145.2	218.7	101.3
Kyivska	291.2	282.6	298.5	178.3	193.3	178.0	269.3	315.5	255.4	121.6	148.0	99.2	67.3	99.2	49.0	112.0	172.3	79.7
Kirovohradska	368.9	390.6	350.3	203.9	243.0	186.0	310.1	393.6	269.9	201.4	247.9	161.5	101.5	148.1	73.1	164.8	250.3	116.4
Luhanska																		
Lvivska	301.7	321.5	283.8	180.8	214.8	164.0	278.8	353.5	240.4	130.4	158.8	104.9	71.9	103.1	51.5	119.6	177.6	83.8
Mykolaiivska	324.8	336.3	314.9	180.3	212.3	166.8	278.8	351.9	245.1	149.3	180.2	122.6	77.4	110.5	57.4	126.4	188.4	90.7
Odessa	277.2	276.8	277.5	167.0	186.7	160.2	253.6	302.8	232.0	90.7	106.5	76.5	50.2	69.8	38.2	82.1	118.1	60.6
Poltavska	331.7	333.6	330.0	180.8	202.0	175.3	277.9	332.5	256.5	171.8	201.4	146.4	85.4	117.6	66.5	140.1	201.0	106.0
Rivnenska	255.9	257.7	254.3	173.5	196.5	164.3	261.2	314.2	237.4	128.3	158.8	100.6	80.1	119.0	54.9	132.2	202.1	90.3
Sumska	333.0	352.1	316.8	176.3	202.7	165.6	267.8	328.1	239.3	158.9	189.9	132.6	74.9	105.7	55.6	124.1	181.4	90.4
Ternopil'ska	287.7	310.0	268.1	169.9	201.9	153.7	261.3	331.4	225.1	161.1	210.0	118.1	86.5	131.9	56.4	144.4	226.1	93.8
Kharkivska	348.5	356.0	342.0	189.7	223.9	175.5	294.5	369.1	261.0	193.4	217.7	172.3	96.8	132.4	76.4	160.8	227.4	124.3
Kherson'ska	330.7	345.2	318.1	191.4	223.2	179.9	290.1	364.8	258.4	179.4	216.7	147.0	96.2	137.5	70.3	155.3	230.7	111.4
Khmelnytska	334.1	360.4	311.2	189.3	225.5	171.6	288.6	366.3	250.2	188.4	239.2	144.2	96.9	143.3	67.6	159.1	244.3	108.5
Cherkaska	378.4	398.4	361.3	201.3	229.6	190.3	307.2	376.5	274.8	195.1	235.8	160.5	90.9	128.3	68.6	152.7	224.3	111.6
Chernivetska	221.6	237.7	207.1	139.7	167.2	123.7	212.1	266.8	181.4	73.4	87.4	60.8	42.1	58.8	31.7	70.0	102.4	51.1
Chernihiv'ska	362.1	396.9	333.1	192.7	231.5	176.9	290.2	377.3	251.0	181.0	249.1	124.2	88.0	141.1	55.3	140.9	237.4	85.5
Kyiv city	345.1	320.8	365.9	202.5	209.8	205.1	316.8	349.5	306.4	158.9	176.0	144.3	84.1	110.0	68.8	144.2	193.5	115.7
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vynnytska	4285	2222	2063				1770	1044	726			
Volynska	2724	1435	1289				1465	904	561			
Dnipropetrovska	8962	4228	4734				4928	2672	2256			
Donetska	337	123	214				42	22	20			
Zhytomyrska	2981	1531	1450				1417	800	617			
Zakarpatska	2534	1325	1209				1543	888	655			
Zaporizka	2765	1353	1412				1202	644	558			
Ivano-Frankivska	3532	1839	1693				1988	1186	802			
Kyivska	4198	1918	2280				1560	851	709			
Kirovohradska	3103	1557	1546				1699	973	726			
Luhanska	197	102	95				72	42	30			
Lvivska	6725	3433	3292				2750	1634	1116			
Mykolaivska	1663	796	867				545	268	277			
Odesska	4634	2215	2419				1630	899	731			
Poltavska	3928	1960	1968				2045	1131	914			
Rivnenska	2662	1365	1297				1367	778	589			
Sumska	3237	1642	1595				1508	852	656			
Ternopil'ska	2787	1485	1302				1558	903	655			
Kharkivska	1640	809	831				370	205	165			
Khersonska	1519	757	762				673	384	289			
Khmeln'ytska	4037	1984	2053				2199	1293	906			
Cherkaska	3895	1934	1961				2170	1241	929			
Chernivetska	1695	856	839				432	248	184			
Chernihiv'ska	2994	1515	1479				1582	926	656			
Kyiv city	6859	2916	3943				2315	1111	1204			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	17.0	23.5	19.6	24.4	7.2	27.3		68.8	83.1	11.9	914398	317778	596620
AR Krym													
Vynnytska	20.7	24.7	20.2	27.7	0.1	27.3	9	69.9	82.6	13.6	40689	13695	26994
Volynska	16.1	26.9	15.5	28.7	4.8	31.8	48	71.2	82.8	-	21937	7555	14382
Dnipropetrovska	16.8	25.4	21.1	20.8	5.9	25.6	89	59.6	80.6	7.1	71259	23399	47860
Donetska	19.2	17.4	26.9	20.1	12.0			84.4	66.5	0.3			
Zhytomyrska	19.8	22.5	21.5	25.0	3.5	24.9	14	73.8	93.9	1.2	29047	9571	19476
Zakarpatska	12.4	18.6	21.7	31.9	5.7	40.1	125	67.1	83.7	6.8	20847	7563	13284
Zaporizka	16.1	21.7	20.9	30.4	5.8	21.9	29	55.5	73.9	5.9	42431	14599	27832
Ivano-Frankivska	16.4	23.0	19.3	28.4	5.1	30.6	26	71.5	85.3	0.9	26351	9802	16549
Kyivska	18.0	25.1	20.5	25.8	3.6	21.6	1	74.0	84.2	15.7	54383	18081	36302
Kirovohradska	20.5	26.5	18.3	26.1	0.6	35.2	192	66.9	78.8	10.1	24956	7949	17007
Luhanska	11.6	10.5	13.7	19.5	33.2			65.3	81.2	5.3			
Lvivska	20.0	20.0	19.6	22.3	10.5	24.9	13	72.1	82.5	13.2	62020	24168	37852
Mykolaiv'ska	8.6	15.3	11.5	23.7	31.8	24.5	194	23.1	84.1	0.9	32518	11770	20748
Odesska	15.9	25.0	16.1	23.9	13.5	16.1	20	79.7	86.0	2.8	66436	25135	41301
Poltavska	18.0	23.9	20.3	28.9	2.4	31.2	29	70.3	81.8	14.5	36762	12263	24499
Rivnenska	16.1	23.6	19.9	14.6	16.8	22.9	1	58.9	81.5	17.7	23790	8175	15615
Sumska	18.1	32.6	14.0	19.6	7.1	23.7	2	66.8	82.6	22.7	31099	10680	20419
Ternopil'ska	15.5	21.3	22.5	29.1	2.6	33.2	30	71.5	80.7	19.0	23754	8528	15226
Kharkiv'ska	9.8	12.6	20.3	35.3	14.0	30.7	108	73.3	87.0	2.5	74040	25128	48912
Kherson'ska	11.4	24.7	19.3	35.2	1.6	30.9	88	63.6	78.4	4.9	26811	9092	17719
Khmeln'ytska	13.9	33.8	26.0	13.0	1.6	34.1	18	68.8	77.0	14.5	30750	10498	20252
Cherkaska	17.9	19.0	18.0	29.5	6.9	33.8	256	72.8	83.3	3.9	35510	12313	23197
Chernivetska	13.5	19.5	25.3	30.1	3.7	15.7	-	74.9	83.1	2.1	21146	8480	12666
Chernihiv'ska	15.6	22.5	20.4	27.7	3.4	32.8	97	75.0	86.9	10.8	25111	8291	16820
Kyiv city	20.1	21.9	16.7	16.7	15.0	26.4	629	76.5	89.9	42.1	92751	31043	61708
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		421	276	145
Incidence (crude rate)		1.2	1.7	0.8
Incidence (age-standardized, world standard)		0.6	1.0	0.3
Incidence (age-standardized, Ukrainian standard)		1.0	1.9	0.5
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		11.0% ~~	4.5% ~~	31.6% ↑
Mortality: number of new cases*		98	79	19
Mortality (crude rate)		0.3	0.5	0.1
Mortality (age-standardized, world standard)		0.1	0.3	0.0
Mortality (age-standardized, Ukrainian standard)		0.2	0.5	0.1
Lived less than 1 year since the diagnosis in 2021, %		7.7	8.9	5.4
From among the newly diagnosed – diagnosed post mortem, %		0.3	0.4	0.0
Microscopically verified diagnoses, %		96.7	96.0	97.9
Diagnoses verified with histology, %		81.9	79.3	86.9
Unspecified morphology, %		3.7	4.2	2.8
Patients diagnosed during the preventive medical examinations, %		27.1	28.6	24.1
Newly diagnosed patients received the anti-cancer treatment, %		85.9	83.8	89.9
- surgical treatment only, %		41.0	36.8	48.8
- combined or complex treatment, %		13.8	15.0	11.6
Incidence of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	1.2	1.7	0.8	0.6	1.0	0.3	1.0	1.9	0.5	0.3	0.5	0.1	0.1	0.3	0.0	0.2	0.5	0.1
AR Krym																		
Vinnitska	1.5	2.4	0.6	0.6	1.3	0.2	1.2	2.5	0.5	0.5	0.6	0.4	0.1	0.3	0.1	0.3	0.7	0.1
Volynska	0.9	1.5	0.4	0.5	1.1	0.1	0.8	1.7	0.3	0.7	1.5	0.0	0.3	1.0	0.0	0.6	2.1	0.0
Dnipropetrovska	0.7	1.2	0.4	0.3	0.7	0.1	0.6	1.3	0.2	0.2	0.3	0.2	0.1	0.2	0.0	0.2	0.4	0.1
Donetska																		
Zhytomyrska	1.8	2.0	1.6	0.7	1.2	0.4	1.5	2.4	0.9	0.3	0.6	0.2	0.1	0.3	0.0	0.3	0.6	0.1
Zakarpatska	1.0	1.0	0.9	0.5	0.7	0.3	1.0	1.3	0.7	0.2	0.5	0.0	0.2	0.4	0.0	0.3	0.6	0.0
Zaporizka	1.9	2.7	1.2	0.8	1.6	0.4	1.6	3.1	0.8	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Ivano-Frankivska	1.4	1.1	1.7	0.7	0.7	0.6	1.2	1.4	1.1	0.2	0.3	0.0	0.1	0.2	0.0	0.1	0.3	0.0
Kyivska	1.3	2.0	0.8	0.6	1.3	0.2	1.2	2.2	0.6	0.7	1.1	0.3	0.3	0.7	0.1	0.5	1.3	0.1
Kirovohradska	2.2	2.9	1.7	0.9	1.7	0.3	1.6	3.0	0.8	0.5	0.7	0.2	0.2	0.4	0.2	0.4	0.9	0.2
Luhanska																		
Lvivska	0.7	1.0	0.5	0.4	0.7	0.2	0.6	1.2	0.3	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.3	0.1
Mykolaiivska	1.0	1.4	0.7	0.4	0.8	0.2	0.7	1.3	0.3	0.3	0.4	0.2	0.1	0.2	0.1	0.2	0.4	0.1
Odessa	1.2	1.5	1.0	0.7	1.0	0.5	1.1	1.7	0.8	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.1
Poltavska	1.6	2.3	1.0	0.7	1.3	0.3	1.3	2.2	0.7	0.4	0.6	0.1	0.2	0.3	0.1	0.3	0.6	0.1
Rivnenska	1.0	1.8	0.2	0.6	1.4	0.1	1.1	2.6	0.2	0.4	0.7	0.0	0.2	0.6	0.0	0.4	1.1	0.0
Sumska	1.4	2.1	0.7	0.6	1.1	0.2	1.0	1.9	0.4	0.4	0.8	0.0	0.1	0.4	0.0	0.2	0.7	0.0
Ternopil'ska	1.6	1.9	1.3	0.8	1.2	0.5	1.4	1.8	1.0	0.5	1.1	0.0	0.2	0.6	0.0	0.4	1.3	0.0
Kharkivska	0.9	1.4	0.4	0.4	0.8	0.1	0.6	1.4	0.2	0.2	0.3	0.0	0.1	0.2	0.0	0.1	0.3	0.0
Khersonska	1.4	2.6	0.4	0.6	1.5	0.2	1.2	3.1	0.3	0.4	0.9	0.0	0.2	0.5	0.0	0.3	1.1	0.0
Khmelnitska	2.3	3.2	1.5	1.0	1.8	0.6	1.9	3.2	1.1	0.9	1.6	0.3	0.4	0.9	0.1	0.8	1.7	0.2
Cherkaska	1.6	2.1	1.1	0.6	1.0	0.4	1.1	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chernivetska	1.4	2.2	0.6	0.7	1.4	0.2	1.2	2.4	0.5	0.2	0.2	0.2	0.1	0.2	0.1	0.3	0.4	0.2
Chernihivska	1.9	2.8	1.2	0.7	1.5	0.3	1.3	2.7	0.5	0.2	0.5	0.0	0.2	0.4	0.0	0.2	0.4	0.0
Kyiv city	0.3	0.5	0.1	0.1	0.3	0.1	0.2	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnitska	37	25	12				6	5	1			
Volynska	9	5	4				2	2	0			
Dnipropetrovska	10	6	4				5	4	1			
Donetska	1	1	0				0	0	0			
Zhytomyrska	17	10	7				4	3	1			
Zakarpatska	7	5	2				0	0	0			
Zaporizka	16	10	6				3	2	1			
Ivano-Frankivska	17	9	8				6	4	2			
Kyivska	20	12	8				2	1	1			
Kirovohradska	14	10	4				1	1	0			
Luhanska	1	1	0				0	0	0			
Lvivska	18	12	6				5	4	1			
Mykolaivska	3	3	0				6	6	0			
Odessa	26	15	11				1	1	0			
Poltavska	17	14	3				5	3	2			
Rivnenska	14	8	6				3	3	0			
Sumska	14	11	3				1	1	0			
Ternopil'ska	14	8	6				1	1	0			
Kharkivska	4	3	1				1	0	1			
Khersonska	9	7	2				1	1	0			
Khmelnitska	26	16	10				5	4	1			
Cherkaska	15	12	3				2	2	0			
Chernivetska	13	11	2				1	1	0			
Chernihivska	13	11	2				3	3	0			
Kyiv city	8	6	2				3	3	0			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	48.5	35.6	11.5	3.4	1.0	7.7		88.5	95.6	26.8	9922	7341	2581
AR Krym													
Vinnitska	62.5	31.3	6.3	-	-	5.0	-	87.5	86.5	43.8	564	415	149
Volynska	37.5	50.0	12.5	-	-	11.1	-	87.5	100.0	-	270	200	70
Dnipropetrovska	37.5	50.0	12.5	-	-	-	-	75.0	90.0	12.5	427	315	112
Donetska	100.0	-	-	-	-	-	-	100.0	100.0	-			
Zhytomyrska	53.3	33.3	13.3	-	-	16.7	-	86.7	100.0	-	368	253	115
Zakarpatska	-	71.4	14.3	14.3	-	8.3	-	100.0	100.0	-	247	191	56
Zaporizka	46.7	26.7	13.3	13.3	-	3.6	-	73.3	100.0	33.3	477	354	123
Ivano-Frankivska	50.0	18.8	31.3	-	-	5.9	-	100.0	100.0	-	339	230	109
Kyivska	58.8	23.5	11.8	5.9	-	4.5	-	76.5	95.0	23.5	544	408	136
Kirovohradska	76.9	23.1	-	-	-	15.8	1	100.0	100.0	38.5	380	278	102
Luhanska	-	-	-	-	-	-	-	-	100.0	-			
Lvivska	42.9	42.9	-	14.3	-	12.5	-	92.9	88.9	28.6	561	450	111
Mykolaivska	33.3	33.3	33.3	-	-	-	-	66.7	100.0	-	536	397	139
Odessa	46.2	42.3	3.8	-	7.7	3.8	-	92.3	92.3	3.8	703	520	183
Poltavska	33.3	26.7	33.3	6.7	-	21.1	-	93.3	100.0	46.7	460	343	117
Rivnenska	58.3	33.3	8.3	-	-	-	-	83.3	100.0	50.0	237	170	67
Sumska	33.3	66.7	-	-	-	9.1	-	66.7	100.0	66.7	431	316	115
Ternopil'ska	38.5	61.5	-	-	-	-	-	100.0	100.0	38.5	379	290	89
Kharkivska	25.0	50.0	-	25.0	-	9.5	-	100.0	100.0	-	667	499	168
Khersonska	22.2	66.7	11.1	-	-	7.7	-	66.7	88.9	11.1	413	305	108
Khmelnitska	66.7	28.6	4.8	-	-	12.0	-	90.5	92.3	61.9	513	363	150
Cherkaska	70.0	20.0	-	-	10.0	-	-	90.0	93.3	-	477	356	121
Chernivetska	16.7	8.3	66.7	8.3	-	-	-	91.7	100.0	-	462	342	120
Chernihivska	54.5	36.4	-	9.1	-	12.5	-	100.0	100.0	27.3	263	199	64
Kyiv city	50.0	50.0	-	-	-	14.3	-	100.0	100.0	100.0	204	147	57
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		2052	1586	466
Incidence (crude rate)		5.9	9.8	2.5
Incidence (age-standardized, world standard)		3.5	6.4	1.3
Incidence (age-standardized, Ukrainian standard)		5.2	9.7	2.0
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		1.8% ~~	0.6% ~~	7.7% ~~
Mortality: number of new cases*		1293	1050	243
Mortality (crude rate)		3.7	6.5	1.3
Mortality (age-standardized, world standard)		2.1	4.2	0.6
Mortality (age-standardized, Ukrainian standard)		3.2	6.5	1.0
Lived less than 1 year since the diagnosis in 2021, %		34.4	37.9	21.6
From among the newly diagnosed – diagnosed post mortem, %		1.0	1.2	0.0
Microscopically verified diagnoses, %		94.8	95.1	93.6
Diagnoses verified with histology, %		83.5	83.4	83.7
Unspecified morphology, %		4.4	4.6	3.9
Patients diagnosed during the preventive medical examinations, %		11.1	10.7	12.4
Newly diagnosed patients received the anti-cancer treatment, %		73.6	72.6	77.2
- surgical treatment only, %		6.0	5.0	9.6
- combined or complex treatment, %		18.8	16.8	26.2
Incidence of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	5.9	9.8	2.5	3.5	6.4	1.3	5.2	9.7	2.0	3.7	6.5	1.3	2.1	4.2	0.6	3.2	6.5	1.0
AR Krym																		
Vinnitska	6.7	12.5	1.6	3.8	7.8	0.8	5.6	11.7	1.1	4.5	8.3	1.2	2.4	5.2	0.4	3.9	8.1	0.7
Volynska	4.8	8.3	1.7	3.3	6.1	1.3	4.9	9.6	1.6	3.7	6.9	0.9	2.4	5.0	0.4	3.7	7.7	0.8
Dnipropetrovska	4.9	7.5	2.6	2.7	4.8	1.3	4.1	7.5	2.0	3.2	5.4	1.4	1.8	3.4	0.7	2.7	5.5	1.0
Donetska																		
Zhytomyrska	7.3	12.7	2.5	4.5	8.6	1.2	6.6	12.7	2.0	5.3	10.0	1.1	3.2	6.7	0.5	4.8	10.1	0.9
Zakarpatska	5.6	9.4	2.2	3.8	6.9	1.3	5.7	10.5	2.0	5.2	9.2	1.4	3.4	6.8	0.8	5.2	10.2	1.4
Zaporizka	6.3	10.6	2.7	3.4	6.4	1.3	5.1	9.5	2.0	4.0	6.3	2.1	2.1	3.8	1.0	3.2	5.9	1.5
Ivano-Frankivska	5.1	8.3	2.3	3.3	5.8	1.4	4.7	8.2	2.0	3.3	5.6	1.1	2.0	3.8	0.7	3.0	5.8	1.0
Kyivska	5.5	9.6	2.1	3.5	6.7	1.2	5.1	10.1	1.8	2.9	5.3	0.9	1.7	3.5	0.5	2.6	5.4	0.8
Kirovohradska	4.8	8.9	1.2	2.8	5.9	0.5	4.0	8.3	0.7	3.2	5.1	1.7	1.9	3.3	0.9	2.7	4.7	1.2
Luhanska																		
Lvivska	5.6	9.7	1.9	3.5	6.6	1.0	5.0	9.4	1.6	2.8	4.9	0.9	1.8	3.4	0.5	2.5	4.9	0.7
Mykolaiivska	8.0	12.3	4.3	4.3	7.6	2.1	6.7	12.1	3.2	3.2	5.1	1.5	1.9	3.3	0.8	2.7	4.8	1.2
Odessa	5.7	9.0	2.8	3.3	5.9	1.5	5.2	9.6	2.4	2.9	5.3	0.8	1.7	3.4	0.4	2.6	5.5	0.6
Poltavska	5.4	8.5	2.8	2.9	5.1	1.4	4.4	7.7	2.2	4.2	6.9	1.8	2.1	4.0	0.7	3.3	6.3	1.2
Rivnenska	5.3	9.0	1.8	3.6	6.7	1.1	5.2	10.0	1.6	2.9	5.5	0.5	1.9	4.1	0.2	3.0	6.2	0.5
Sumska	5.5	10.8	1.1	2.9	6.3	0.5	4.5	9.9	0.7	3.7	6.7	1.1	1.9	3.9	0.5	2.9	6.3	0.8
Ternopil'ska	5.5	9.9	1.7	3.4	6.5	0.6	4.8	9.0	1.2	4.5	8.2	1.3	2.7	5.2	0.6	4.0	7.9	1.0
Kharkivska	5.8	9.5	2.5	3.3	6.1	1.2	4.8	9.2	1.8	4.6	7.3	2.2	2.5	4.6	1.1	3.8	7.1	1.6
Khersonska	7.6	12.9	3.0	4.7	8.5	1.8	6.6	12.6	2.4	5.1	9.3	1.5	3.0	6.0	0.8	4.5	9.5	1.1
Khmelnytska	7.5	13.7	2.1	4.2	8.5	0.9	6.3	13.2	1.5	4.7	9.1	0.9	2.7	5.8	0.5	4.0	9.0	0.6
Cherkaska	6.8	11.6	2.7	3.6	6.8	1.2	5.4	10.2	1.9	4.8	9.0	1.3	2.6	5.3	0.5	3.8	7.9	0.9
Chernivetska	4.2	6.5	2.1	2.7	4.5	1.3	3.9	6.5	1.9	1.6	2.6	0.6	0.9	1.7	0.2	1.4	2.7	0.5
Chernihivska	8.9	16.0	3.1	5.2	9.7	2.1	7.4	14.7	2.6	5.3	10.4	1.0	2.8	6.1	0.5	4.1	9.4	0.7
Kyiv city	5.5	7.1	4.1	3.3	4.8	2.2	5.1	7.6	3.4	2.7	4.0	1.6	1.6	2.8	0.8	2.6	4.4	1.3
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
Ukraine												
AR Krym												
Vinnitska	86	72	14				62	58	4			
Volynska	40	36	4				23	21	2			
Dnipropetrovska	158	117	41				78	66	12			
Donetska	6	2	4				0	0	0			
Zhytomyrska	86	65	21				52	49	3			
Zakarpatska	70	55	15				48	41	7			
Zaporizka	54	42	12				21	18	3			
Ivano-Frankivska	61	48	13				39	36	3			
Kyivska	85	67	18				33	28	5			
Kirovohradska	54	35	19				24	17	7			
Luhanska	1	1	0				0	0	0			
Lvivska	138	110	28				69	63	6			
Mykolaivska	23	22	1				12	10	2			
Odesska	104	79	25				52	42	10			
Poltavska	76	59	17				39	30	9			
Rivnenska	68	59	9				41	33	8			
Sumska	75	65	10				38	32	6			
Ternopil'ska	46	42	4				46	37	9			
Kharkivska	52	43	9				8	7	1			
Khersonska	26	19	7				24	22	2			
Khmelnitska	92	70	22				44	39	5			
Cherkaska	68	53	15				44	38	6			
Chernivetska	28	21	7				8	7	1			
Chernihivska	82	65	17				48	40	8			
Kyiv city	90	58	32				38	26	12			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	▲
Ukraine	7.8	21.8	27.2	35.9	6.3	34.4		76.9	94.0	8.5	11030	7087	3943
AR Krym													
Vinnitska	5.6	15.3	38.9	37.5	-	38.9	-	77.8	94.2	16.7	499	341	158
Volynska	8.1	48.6	29.7	10.8	-	26.2	-	81.1	100.0	-	279	183	96
Dnipropetrovska	6.2	24.1	27.6	34.5	7.6	31.6	-	62.8	86.1	-	682	417	265
Donetska	-	16.7	33.3	16.7	33.3			50.0	100.0	-			
Zhytomyrska	6.3	26.6	46.8	16.5	1.3	42.2	1	78.5	98.8	1.3	372	263	109
Zakarpatska	6.1	15.2	22.7	56.1	-	48.5	1	75.8	92.9	1.5	332	212	120
Zaporizka	10.6	6.4	21.3	48.9	8.5	29.2	-	72.3	98.1	4.3	486	337	149
Ivano-Frankivska	5.3	17.5	33.3	38.6	5.3	30.3	-	75.4	98.4	-	298	214	84
Kyivska	6.3	26.6	22.8	44.3	-	26.1	-	87.3	87.1	8.9	664	442	222
Kirovohradska	13.3	28.9	15.6	40.0	-	44.7	1	82.2	90.7	6.7	273	157	116
Luhanska	-	-	-	100.0	-			100.0	100.0	-			
Lvivska	6.2	18.6	15.5	51.9	6.2	32.8	1	71.3	92.0	10.1	732	541	191
Mykolaivska	4.5	50.0	31.8	-	13.6	21.3	1	31.8	95.7	-	437	270	167
Odesska	15.6	15.6	18.8	35.4	14.6	29.4	-	87.5	95.2	-	952	663	289
Poltavska	4.3	18.6	35.7	37.1	2.9	46.2	-	74.3	94.7	18.6	540	305	235
Rivnenska	1.6	16.1	45.2	9.7	25.8	21.1	-	77.4	98.5	1.6	310	209	101
Sumska	13.2	22.1	23.5	35.3	5.9	43.8	-	73.5	92.0	8.8	443	267	176
Ternopil'ska	7.1	21.4	35.7	35.7	-	44.9	-	85.7	100.0	16.7	261	189	72
Kharkivska	2.1	14.6	14.6	52.1	16.7	24.8	1	85.4	98.1	-	893	531	362
Khersonska	-	20.0	44.0	36.0	-	50.7	2	60.0	92.3	-	271	154	117
Khmelnitska	7.0	48.8	36.0	5.8	-	43.5	-	86.0	93.5	31.4	391	250	141
Cherkaska	9.8	13.1	14.8	52.5	9.8	35.8	1	70.5	86.8	1.6	444	291	153
Chernivetska	11.5	7.7	50.0	30.8	-	8.8	-	92.3	100.0	-	283	181	102
Chernihivska	9.5	14.9	24.3	50.0	1.4	46.9	2	86.5	97.6	8.1	304	199	105
Kyiv city	15.2	21.5	11.4	34.2	16.5	33.8	7	81.0	98.9	38.0	884	471	413
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤👤	👤	👤
Incidence: number of new cases*		2249	1951	298
Incidence (crude rate)		6.5	12.0	1.6
Incidence (age-standardized, world standard)		4.0	8.0	0.9
Incidence (age-standardized, Ukrainian standard)		5.7	11.8	1.3
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		7.8% ↑	6.9% ↑	13.9% ~~
Mortality: number of new cases*		1471	1331	140
Mortality (crude rate)		4.2	8.2	0.8
Mortality (age-standardized, world standard)		2.5	5.4	0.4
Mortality (age-standardized, Ukrainian standard)		3.7	8.2	0.6
Lived less than 1 year since the diagnosis in 2021, %		36.1	38.1	22.6
From among the newly diagnosed – diagnosed post mortem, %		0.4	0.4	0.4
Microscopically verified diagnoses, %		95.3	95.6	93.0
Diagnoses verified with histology, %		85.1	85.3	83.9
Unspecified morphology, %		3.0	3.1	2.5
Patients diagnosed during the preventive medical examinations, %		5.6	5.3	7.7
Newly diagnosed patients received the anti-cancer treatment, %		76.6	76.6	75.9
- surgical treatment only, %		1.3	1.1	2.6
- combined or complex treatment, %		10.3	10.2	10.7
Incidence of children population (age 0-17 years):	cases*	3	2	1
	rate per 100 000 of children population	0.1	0.1	0.0
Mortality of children population (age 0-17 years):	cases*	2	0	2
	rate per 100 000 of children population	0.0	-	0.1

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
Ukraine	6.5	12.0	1.6	4.0	8.0	0.9	5.7	11.8	1.3	4.2	8.2	0.8	2.5	5.4	0.4	3.7	8.2	0.6
AR Krym																		
Vinnyska	6.8	13.6	0.9	4.2	8.7	0.7	6.0	13.1	0.8	5.5	10.9	0.7	3.1	6.8	0.4	4.8	10.7	0.6
Volynska	9.4	19.3	0.6	6.6	14.4	0.4	9.0	20.0	0.6	6.3	12.9	0.4	4.3	9.5	0.3	6.1	13.5	0.4
Dnipropetrovska	6.8	12.5	2.1	4.1	8.2	1.2	5.9	12.0	1.7	3.3	6.1	1.0	1.8	3.9	0.5	2.8	6.1	0.7
Donetska																		
Zhytomyrska	7.5	13.6	2.1	4.6	9.1	1.3	6.5	13.1	1.8	5.2	10.2	0.8	3.0	6.6	0.4	4.4	10.0	0.6
Zakarpatska	7.2	12.7	2.0	4.9	9.4	1.3	7.1	14.1	1.9	6.2	11.1	1.7	4.2	8.1	1.1	6.2	12.3	1.6
Zaporizka	6.1	10.7	2.3	3.6	6.8	1.2	5.0	9.6	1.7	3.1	6.0	0.6	1.8	3.8	0.3	2.5	5.5	0.4
Ivano-Frankivska	8.2	15.2	1.8	5.2	10.5	1.1	7.5	15.4	1.6	6.3	11.6	1.6	4.0	7.9	0.9	6.0	12.4	1.4
Kyivska	5.0	10.0	0.8	3.2	6.8	0.6	4.6	10.4	0.8	3.9	8.1	0.4	2.5	5.7	0.3	3.7	8.7	0.4
Kirovohradska	6.0	11.1	1.7	3.5	7.1	1.0	5.1	10.9	1.3	4.4	8.5	0.8	2.5	5.3	0.5	3.7	8.2	0.7
Luhanska																		
Lvivska	6.0	11.2	1.4	3.8	7.7	0.7	5.4	10.9	1.1	3.8	7.0	1.0	2.4	4.8	0.6	3.4	6.8	0.8
Mykolaiivska	4.5	9.1	0.5	2.9	6.3	0.3	4.0	8.9	0.4	2.2	4.4	0.3	1.3	2.9	0.2	1.9	4.3	0.3
Odesska	4.8	8.6	1.5	3.1	6.1	0.9	4.4	8.7	1.2	2.6	5.0	0.5	1.6	3.5	0.2	2.4	5.2	0.4
Poltavska	7.8	14.5	2.1	4.5	9.1	1.0	6.5	13.7	1.5	5.3	10.9	0.4	3.0	6.8	0.2	4.3	10.2	0.3
Rivnenska	8.3	15.7	1.7	6.0	12.1	1.1	8.2	17.0	1.5	5.3	10.3	0.7	3.6	7.8	0.5	5.3	11.9	0.6
Sumska	7.6	14.5	1.8	4.3	8.8	0.9	6.1	12.4	1.4	5.8	11.2	1.3	3.4	6.9	0.7	4.9	10.1	1.0
Ternopil'ska	5.1	9.0	1.7	3.0	5.8	0.8	4.5	9.0	1.2	3.5	6.9	0.6	2.1	4.4	0.3	3.1	6.8	0.4
Kharkivska	5.3	8.9	2.2	3.2	5.7	1.4	4.5	8.4	1.8	3.3	6.5	0.6	1.8	4.1	0.3	2.8	6.5	0.4
Khersonska	5.5	9.9	1.7	3.2	6.3	1.1	4.8	9.8	1.5	3.0	5.6	0.8	1.9	3.7	0.5	2.7	5.5	0.7
Khmelnitska	9.1	18.8	0.8	5.6	12.2	0.3	7.9	17.6	0.6	6.9	14.2	0.5	4.0	9.0	0.1	5.8	13.3	0.3
Cherkaska	7.6	14.1	2.1	4.1	8.3	0.9	6.2	12.8	1.5	5.4	11.1	0.5	2.8	6.4	0.3	4.3	10.0	0.3
Chernivetska	5.0	9.1	1.3	3.3	6.4	0.7	4.6	9.2	1.1	2.4	4.3	0.6	1.7	3.1	0.5	2.2	4.4	0.7
Chernihivska	10.4	20.4	2.1	6.0	12.3	1.4	8.5	18.0	1.9	7.7	15.7	1.0	4.1	9.3	0.4	6.2	14.3	0.7
Kyiv city	4.5	8.3	1.3	2.8	5.7	0.7	4.2	8.8	1.0	2.7	5.0	0.8	1.7	3.4	0.6	2.5	5.4	0.6
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vynnytska	120	114	6				49	47	2			
Volynska	83	80	3				68	68	0			
Dnipropetrovska	166	140	26				111	96	15			
Donetska	5	4	1				0	0	0			
Zhytomyrska	98	91	7				62	58	4			
Zakarpatska	75	69	6				54	49	5			
Zaporizka	68	61	7				21	18	3			
Ivano-Frankivska	113	102	11				77	70	7			
Kyivska	95	92	3				35	31	4			
Kirovohradska	52	49	3				41	40	1			
Luhanska	7	7	0				2	1	1			
Lvivska	147	124	23				74	65	9			
Mykolaivska	33	30	3				6	6	0			
Odessa	107	90	17				42	37	5			
Poltavska	68	60	8				62	58	4			
Rivnenska	99	90	9				43	41	2			
Sumska	81	75	6				43	42	1			
Ternopilska	58	52	6				35	32	3			
Kharkivska	52	45	7				9	8	1			
Khersonska	37	29	8				15	13	2			
Khmelnyska	98	90	8				63	60	3			
Cherkaska	64	61	3				44	42	2			
Chernivetska	34	28	6				7	6	1			
Chernihivska	85	83	2				61	60	1			
Kyiv city	105	74	31				45	35	10			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	0.9	8.1	36.0	47.9	5.5	36.1		77.0	93.4	3.8	9041	7053	1988
AR Krym													
Vynnytska	0.9	7.5	46.7	44.9	-	38.1	-	75.7	95.8	4.7	430	366	64
Volynska	1.3	11.7	50.6	32.5	2.6	40.9	-	77.9	96.4	-	258	214	44
Dnipropetrovska	-	10.2	28.7	52.2	3.8	31.4	-	68.8	91.6	3.8	677	525	152
Donetska	-	-	20.0	60.0	20.0			80.0	100.0	-			
Zhytomyrska	-	4.4	63.3	24.4	1.1	34.9	1	83.3	98.0	-	349	286	63
Zakarpatska	-	4.2	27.8	68.1	-	50.6	1	81.9	98.7	-	390	291	99
Zaporizka	3.0	3.0	18.2	68.2	7.6	24.7	-	84.8	97.1	9.1	427	323	104
Ivano-Frankivska	-	3.8	41.9	53.3	1.0	47.7	-	73.3	92.9	1.0	329	251	78
Kyivska	2.2	12.4	31.5	49.4	3.4	38.6	-	84.3	84.2	4.5	528	448	80
Kirovohradska	4.3	15.2	17.4	60.9	-	38.8	-	84.8	90.4	4.3	205	150	55
Luhanska	-	14.3	14.3	57.1	14.3			57.1	85.7	-			
Lvivska	1.4	9.3	21.4	53.6	12.1	33.1	1	75.0	91.2	2.1	698	559	139
Mykolaivska	3.2	12.9	58.1	9.7	12.9	31.9	-	22.6	100.0	-	270	202	68
Odessa	1.0	6.9	29.7	44.6	17.8	27.9	-	86.1	97.2	2.0	769	600	169
Poltavska	1.6	-	38.7	56.5	1.6	45.7	1	79.0	98.5	6.5	298	208	90
Rivnenska	2.1	9.4	52.1	18.8	13.5	37.6	-	72.9	93.9	4.2	304	252	52
Sumska	-	12.2	28.4	52.7	5.4	36.4	-	78.4	95.1	1.4	315	255	60
Ternopilska	-	5.5	52.7	41.8	-	53.2	-	89.1	91.4	7.3	174	124	50
Kharkivska	-	5.8	11.5	76.9	5.8	23.8	1	82.7	96.2	-	598	415	183
Khersonska	-	5.9	29.4	61.8	2.9	30.8	-	64.7	89.2	-	191	143	48
Khmelnyska	1.0	19.8	58.3	20.8	-	45.3	-	76.0	81.6	11.5	326	276	50
Cherkaska	-	-	22.0	74.6	3.4	42.5	1	74.6	85.9	3.4	310	252	58
Chernivetska	3.0	12.1	42.4	36.4	3.0	12.2	-	78.8	94.1	-	311	230	81
Chernihivska	-	1.3	30.4	67.1	1.3	46.3	1	79.7	100.0	2.5	243	208	35
Kyiv city	-	9.3	28.9	44.3	15.5	22.8	2	78.4	95.2	12.4	641	475	166
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤👤	👤	👤
Incidence: number of new cases*		1455	1258	197
Incidence (crude rate)		4.2	7.8	1.1
Incidence (age-standardized, world standard)		2.3	5.0	0.5
Incidence (age-standardized, Ukrainian standard)		3.6	7.9	0.8
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		5.2% ~~	2.7% ~~	30.0% ↑
Mortality: number of new cases*		1068	949	119
Mortality (crude rate)		3.1	5.9	0.6
Mortality (age-standardized, world standard)		1.7	3.8	0.3
Mortality (age-standardized, Ukrainian standard)		2.7	6.1	0.5
Lived less than 1 year since the diagnosis in 2021, %		58.2	59.4	50.0
From among the newly diagnosed – diagnosed post mortem, %		2.7	2.4	4.5
Microscopically verified diagnoses, %		83.0	83.6	78.7
Diagnoses verified with histology, %		79.4	79.9	76.1
Unspecified morphology, %		5.3	5.1	6.5
Patients diagnosed during the preventive medical examinations, %		4.4	4.2	5.6
Newly diagnosed patients received the anti-cancer treatment, %		56.0	56.8	50.6
- surgical treatment only, %		5.7	5.8	5.7
- combined or complex treatment, %		8.0	8.2	6.8
Incidence of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
Ukraine	4.2	7.8	1.1	2.3	5.0	0.5	3.6	7.9	0.8	3.1	5.9	0.6	1.7	3.8	0.3	2.7	6.1	0.5
AR Krym																		
Vinnitska	5.1	10.5	0.5	2.9	6.5	0.2	4.2	9.6	0.3	4.5	8.9	0.7	2.5	5.5	0.2	3.8	8.5	0.5
Volynska	5.6	10.4	1.3	3.6	7.5	0.7	5.4	11.5	1.0	3.0	5.2	0.9	1.9	3.7	0.5	2.9	5.9	0.7
Dnipropetrovska	2.6	4.9	0.7	1.5	3.1	0.4	2.2	5.0	0.5	2.1	4.0	0.6	1.2	2.5	0.3	1.9	4.3	0.5
Donetska																		
Zhytomyrska	5.3	10.5	0.6	3.1	6.9	0.3	4.5	10.1	0.5	3.2	6.9	0.0	1.9	4.5	0.0	2.8	6.9	0.0
Zakarpatska	4.8	7.9	1.9	3.1	5.8	1.1	4.9	9.4	1.8	3.8	6.7	1.1	2.4	4.9	0.6	3.9	7.9	1.0
Zaporizka	3.9	6.4	1.8	2.1	3.9	0.8	3.2	5.8	1.4	2.0	4.0	0.3	1.0	2.4	0.1	1.7	4.1	0.2
Ivano-Frankivska	4.1	7.4	1.1	2.3	4.9	0.5	3.8	8.0	0.9	3.3	6.1	0.8	2.0	4.1	0.3	3.1	6.5	0.6
Kyivska	4.8	9.0	1.2	2.8	6.1	0.5	4.4	9.8	0.9	3.2	6.7	0.2	1.9	4.5	0.1	2.9	7.3	0.2
Kirovohradska	4.0	6.8	1.7	2.1	4.1	0.7	3.5	7.3	1.2	3.5	6.0	1.2	1.7	3.7	0.6	3.0	6.5	1.0
Luhanska																		
Lvivska	4.1	7.8	0.7	2.4	5.1	0.3	3.7	8.0	0.5	2.9	5.9	0.2	1.7	3.9	0.1	2.7	6.1	0.1
Mykolaiivska	4.3	8.1	1.0	2.4	5.1	0.4	3.6	7.6	0.8	3.3	6.5	0.5	1.8	4.1	0.2	2.9	6.7	0.4
Odessa	2.8	5.2	0.7	1.6	3.4	0.3	2.5	5.5	0.5	1.5	2.5	0.5	0.8	1.6	0.2	1.3	2.7	0.4
Poltavska	5.4	9.7	1.7	2.8	5.7	0.7	4.4	9.1	1.1	4.1	7.7	1.0	2.2	4.8	0.4	3.5	7.5	0.7
Rivnenska	4.9	9.4	0.8	3.2	7.0	0.5	4.8	10.5	0.8	3.9	7.8	0.3	2.5	5.7	0.2	3.9	8.9	0.3
Sumska	5.5	10.3	1.4	2.8	5.9	0.5	4.3	9.2	0.9	4.2	8.2	0.7	2.1	4.7	0.3	3.2	7.4	0.4
Ternopil'ska	4.3	8.6	0.6	2.5	5.4	0.4	3.7	8.3	0.5	4.3	8.4	0.7	2.5	5.4	0.4	3.8	8.5	0.5
Kharkiv'ska	4.0	7.3	1.2	2.1	4.5	0.6	3.3	7.4	0.8	2.6	4.6	0.8	1.4	2.8	0.4	2.2	4.8	0.6
Kherson'ska	2.9	5.8	0.4	1.6	3.7	0.2	2.6	6.2	0.3	3.2	6.0	0.8	1.8	3.8	0.3	2.8	6.2	0.5
Khmelnytska	5.9	11.1	1.4	2.9	6.5	0.4	4.7	10.8	0.8	5.1	10.2	0.6	2.7	6.2	0.2	4.1	9.8	0.3
Cherkaska	4.5	8.3	1.3	2.2	4.6	0.5	3.5	7.6	0.8	3.3	6.2	0.8	1.5	3.5	0.3	2.7	6.2	0.5
Chernivetska	2.6	5.0	0.4	1.6	3.5	0.3	2.5	5.6	0.4	0.9	1.9	0.0	0.6	1.3	0.0	0.9	2.1	0.0
Chernihiv'ska	6.9	14.1	1.0	3.7	8.3	0.4	5.6	12.7	0.6	5.4	10.9	0.8	2.9	6.5	0.2	4.3	9.7	0.4
Kyiv city	3.2	5.3	1.4	1.8	3.4	0.7	2.9	5.8	1.1	2.3	3.8	1.1	1.3	2.6	0.5	2.2	4.2	0.8
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vynnytska	55	49	6				39	39	0			
Volynska	44	39	5				40	37	3			
Dnipropetrovska	89	80	9				69	58	11			
Donetska	3	3	0				0	0	0			
Zhytomyrska	49	46	3				42	38	4			
Zakarpatska	50	45	5				39	33	6			
Zaporizka	42	36	6				15	12	3			
Ivano-Frankivska	28	26	2				34	32	2			
Kyivska	68	60	8				31	29	2			
Kirovohradska	45	37	8				30	23	7			
Luhanska	4	4	0				0	0	0			
Lvivska	93	88	5				65	63	2			
Mykolaivska	14	12	2				13	11	2			
Odesska	60	54	6				25	24	1			
Poltavska	59	56	3				47	44	3			
Rivnenska	47	45	2				44	41	3			
Sumska	53	46	7				39	34	5			
Ternopilska	49	40	9				41	37	4			
Kharkivska	10	6	4				4	4	0			
Khersonska	23	22	1				9	9	0			
Khmelnyska	61	55	6				49	43	6			
Cherkaska	50	47	3				42	39	3			
Chernivetska	31	29	2				9	8	1			
Chernihivska	42	37	5				44	40	4			
Kyiv city	45	38	7				32	30	2			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	1.1	31.9	33.6	24.5	8.2	58.2		57.0	82.3	3.5	3412	2830	582
AR Krym													
Vynnytska	4.2	25.0	33.3	37.5	-	65.3	-	50.0	90.9	6.3	135	117	18
Volynska	-	57.5	20.0	20.0	2.5	61.1	2	67.5	86.4	-	102	89	13
Dnipropetrovska	2.4	48.8	17.9	16.7	13.1	62.9	1	47.6	71.9	1.2	185	161	24
Donetska	66.7	33.3	-	-	-			100.0	33.3	-			
Zhytomyrska	-	29.8	40.4	27.7	-	61.7	-	68.1	98.0	-	139	124	15
Zakarpatska	-	25.0	50.0	22.7	2.3	71.9	4	52.3	82.0	-	98	78	20
Zaporizka	-	22.5	35.0	25.0	15.0	37.9	1	45.0	57.1	-	175	132	43
Ivano-Frankivska	-	25.9	25.9	40.7	7.4	70.4	-	40.7	89.3	-	69	52	17
Kyivska	3.4	28.8	47.5	18.6	1.7	50.6	-	55.9	85.3	-	274	228	46
Kirovohradska	-	38.6	43.2	18.2	-	67.6	3	63.6	84.4	2.3	62	49	13
Luhanska	-	-	25.0	25.0	50.0			50.0	100.0	-			
Lvivska	-	22.2	33.3	32.1	11.1	55.6	-	54.3	78.5	-	262	235	27
Mykolaivska	-	21.4	21.4	28.6	28.6	40.0	4	50.0	78.6	-	131	107	24
Odesska	-	14.5	49.1	14.5	21.8	38.1	-	76.4	83.3	1.8	302	254	48
Poltavska	-	30.4	30.4	28.6	8.9	68.2	1	57.1	74.6	3.6	118	95	23
Rivnenska	-	38.6	15.9	11.4	34.1	56.0	-	52.3	89.4	4.5	103	93	10
Sumska	-	45.8	25.0	25.0	4.2	52.8	-	62.5	81.1	2.1	143	119	24
Ternopilska	-	37.8	33.3	28.9	-	76.7	1	53.3	81.6	11.1	87	65	22
Kharkivska	-	-	37.5	25.0	37.5	47.2	1	37.5	80.0	-	257	194	63
Khersonska	-	9.5	23.8	61.9	4.8	70.8	2	38.1	69.6	4.8	63	48	15
Khmelnyska	1.7	56.9	32.8	8.6	-	68.2	-	48.3	75.4	1.7	123	101	22
Cherkaska	2.4	9.8	41.5	46.3	-	67.4	6	65.9	94.0	2.4	110	97	13
Chernivetska	3.4	27.6	31.0	34.5	-	39.1	-	89.7	93.5	3.4	133	114	19
Chernihivska	-	25.0	58.3	8.3	8.3	59.4	4	58.3	85.7	2.8	78	74	4
Kyiv city	-	35.9	25.6	23.1	12.8	57.5	6	59.0	91.1	38.5	263	204	59
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		6145	3800	2345
Incidence (crude rate)		17.6	23.5	12.6
Incidence (age-standardized, world standard)		9.4	14.8	5.9
Incidence (age-standardized, Ukrainian standard)		15.6	25.3	9.7
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		2.0% ~~	5.2% ↑	-0.8% ~~
Mortality: number of new cases*		4192	2573	1619
Mortality (crude rate)		12.0	15.9	8.7
Mortality (age-standardized, world standard)		6.2	9.9	3.9
Mortality (age-standardized, Ukrainian standard)		10.5	17.2	6.5
Lived less than 1 year since the diagnosis in 2021, %		48.0	48.7	46.8
From among the newly diagnosed – diagnosed post mortem, %		3.0	3.0	3.0
Microscopically verified diagnoses, %		83.9	84.7	82.4
Diagnoses verified with histology, %		80.9	81.8	79.4
Unspecified morphology, %		6.6	5.9	7.8
Patients diagnosed during the preventive medical examinations, %		3.8	3.6	4.2
Newly diagnosed patients received the anti-cancer treatment, %		53.4	54.2	52.1
- surgical treatment only, %		13.0	12.3	14.2
- combined or complex treatment, %		17.7	18.3	16.8
Incidence of children population (age 0-17 years):	cases*	2	2	0
	rate per 100 000 of children population	0.0	0.1	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	17.6	23.5	12.6	9.4	14.8	5.9	15.6	25.3	9.7	12.0	15.9	8.7	6.2	9.9	3.9	10.5	17.2	6.5
AR Krym																		
Vinnitska	19.9	27.8	13.0	10.4	16.9	6.1	17.3	28.4	10.2	12.7	18.8	7.3	6.2	11.0	3.0	10.6	18.9	5.4
Volynska	15.8	23.3	9.1	9.8	17.1	4.8	16.2	29.1	8.2	11.4	17.5	6.0	7.0	12.6	3.2	11.2	20.7	5.2
Dnipropetrovska	15.3	19.8	11.5	7.8	12.3	5.3	13.0	21.1	8.5	10.2	12.9	7.9	5.0	7.7	3.4	8.3	13.6	5.6
Donetska																		
Zhytomyrska	18.7	25.6	12.6	10.0	16.4	5.9	16.6	27.5	9.9	11.2	14.0	8.7	5.8	8.7	4.1	9.9	16.0	6.7
Zakarpatska	14.5	20.3	9.2	9.3	15.1	5.1	15.6	25.9	8.5	11.4	16.8	6.5	7.2	12.3	3.7	12.0	21.6	5.9
Zaporizka	14.5	17.5	12.0	7.3	10.6	5.4	11.8	17.9	8.4	8.8	10.8	7.1	4.1	6.3	2.8	7.1	11.2	4.8
Ivano-Frankivska	16.8	23.1	11.1	9.6	15.6	5.5	15.8	26.6	8.9	12.4	16.3	8.9	6.8	11.0	4.2	11.9	20.0	7.2
Kyivska	17.3	23.3	12.3	9.7	15.8	6.0	16.1	26.7	10.0	9.7	13.4	6.5	5.1	9.0	2.8	8.9	16.0	5.0
Kirovohradska	20.8	25.6	16.8	10.4	15.3	7.3	17.1	25.5	12.0	15.2	19.3	11.6	7.4	11.3	4.9	12.1	18.7	8.2
Luhanska																		
Lvivska	14.0	19.1	9.5	8.0	12.6	5.0	13.1	21.2	7.9	9.9	14.0	6.2	5.5	9.1	3.1	9.3	16.1	5.1
Mykolaiivska	17.7	23.1	13.0	9.2	14.5	5.5	15.3	24.7	9.2	11.3	14.8	8.2	5.8	9.2	3.4	9.6	15.1	5.8
Odessa	12.8	17.1	9.1	7.3	11.0	5.0	11.8	18.8	7.6	5.6	7.3	4.2	3.2	4.8	2.2	5.0	7.8	3.4
Poltavska	18.7	23.2	14.8	9.2	13.4	6.5	15.4	23.8	10.6	13.2	17.2	9.8	6.5	10.0	4.3	10.9	17.8	7.0
Rivnenska	15.9	21.6	10.7	10.1	15.9	6.3	16.2	26.7	9.8	11.4	15.7	7.5	7.2	11.6	4.3	11.8	19.5	6.9
Sumska	22.1	29.5	15.7	10.7	16.5	6.9	17.1	27.5	10.8	16.1	20.9	12.0	6.9	11.3	4.1	12.2	20.5	7.4
Ternopil'ska	14.6	20.8	9.2	7.9	13.0	4.6	13.2	22.6	7.5	12.1	17.0	7.8	6.5	10.7	3.6	11.0	18.6	6.2
Kharkivska	22.3	29.8	15.8	11.0	18.3	6.6	18.7	31.8	11.1	15.9	20.5	11.9	7.6	12.4	4.6	13.1	21.6	8.1
Khersonska	17.8	22.2	14.0	9.5	13.9	6.5	15.5	23.3	10.6	13.6	17.2	10.5	7.1	10.7	4.8	11.7	17.9	8.0
Khmelnytska	21.3	30.9	13.0	10.9	18.4	6.0	18.4	31.9	10.1	16.6	22.8	11.3	8.5	13.6	5.4	14.4	24.0	8.7
Cherkaska	26.0	35.3	18.1	12.3	19.7	7.5	20.7	34.1	12.4	18.6	22.9	14.9	8.4	12.5	5.7	14.6	22.4	9.9
Chernivetska	12.0	14.3	9.8	7.3	10.0	5.4	11.5	15.6	8.7	6.1	7.4	4.9	3.6	5.0	2.6	6.0	8.5	4.3
Chernihivska	24.6	35.4	15.6	12.0	20.0	7.0	19.4	34.1	10.9	19.3	28.2	11.8	9.0	15.8	4.9	14.9	27.6	8.0
Kyiv city	18.8	23.3	14.9	10.1	14.7	7.2	17.0	25.2	12.0	13.0	15.1	11.2	6.8	9.3	5.2	11.8	16.4	9.0
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	258	171	87				149	94	55			
Volynska	172	115	57				127	79	48			
Dnipropetrovska	494	295	199				362	222	140			
Donetska	19	14	5				6	4	2			
Zhytomyrska	209	148	61				138	90	48			
Zakarpatska	150	91	59				123	78	45			
Zaporizka	150	87	63				93	52	41			
Ivano-Frankivska	166	113	53				137	97	40			
Kyivska	265	177	88				131	83	48			
Kirovohradska	167	108	59				147	88	59			
Luhanska	7	4	3				5	3	2			
Lvivska	335	219	116				204	131	73			
Mykolaivska	92	53	39				33	20	13			
Odesska	196	117	79				87	61	26			
Poltavska	199	112	87				164	103	61			
Rivnenska	176	112	64				124	81	43			
Sumska	232	129	103				141	86	55			
Ternopil'ska	158	107	51				119	85	34			
Kharkivska	100	67	33				29	19	10			
Khersonska	79	45	34				51	33	18			
Khmelnyska	232	152	80				186	129	57			
Cherkaska	235	138	97				191	114	77			
Chernivetska	99	59	40				32	22	10			
Chernihivska	230	128	102				159	97	62			
Kyiv city	378	213	165				204	107	97			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	6.9	18.0	21.5	43.8	7.1	48.0		52.3	82.3	3.9	29435	16460	12975
AR Krym													
Vinnyska	8.3	15.6	32.1	41.3	-	50.7	-	50.9	84.5	4.1	1235	702	533
Volynska	6.3	35.6	13.1	38.8	4.4	51.3	5	57.5	93.6	-	671	403	268
Dnipropetrovska	7.0	23.0	23.2	37.4	8.1	47.6	8	40.0	77.5	1.1	1804	992	812
Donetska	27.8	11.1	33.3	27.8	-			72.2	36.8	-			
Zhytomyrska	6.4	18.6	21.3	41.0	8.5	44.9	1	52.7	96.7	0.5	980	569	411
Zakarpatska	1.5	18.8	23.3	51.1	4.5	59.1	14	50.4	79.3	-	644	385	259
Zaporizka	3.0	14.8	22.2	53.3	3.0	40.5	2	28.9	77.3	1.5	1071	567	504
Ivano-Frankivska	2.0	20.9	22.2	50.3	1.3	58.2	2	48.4	85.5	-	763	458	305
Kyivska	7.1	19.3	15.7	53.5	3.1	34.7	-	65.4	84.2	2.0	2283	1276	1007
Kirovohradska	17.1	12.1	15.7	53.6	-	55.7	13	47.9	80.2	1.4	600	308	292
Luhanska	14.3	-	28.6	14.3	42.9			57.1	71.4	-			
Lvivska	7.2	12.7	23.8	47.6	5.9	44.6	2	53.7	81.2	-	1892	1132	760
Mykolaivska	3.4	5.6	9.0	58.4	23.6	40.5	18	21.3	72.8	-	1007	551	456
Odesska	3.9	22.7	19.9	36.5	13.3	28.7	1	68.0	84.7	2.2	2122	1233	889
Poltavska	5.2	18.8	9.9	57.3	6.3	53.8	2	55.7	75.4	2.1	1096	588	508
Rivnenska	9.0	25.7	22.2	28.1	10.8	36.0	-	42.5	82.4	12.6	921	532	389
Sumska	11.5	24.9	18.0	27.6	16.1	45.4	-	44.7	76.3	7.4	1457	771	686
Ternopil'ska	12.5	19.4	20.8	42.4	-	61.1	2	53.5	80.4	6.3	661	374	287
Kharkivska	6.7	4.5	16.9	55.1	14.6	49.4	6	60.7	85.0	-	2392	1283	1109
Khersonska	2.7	16.4	15.1	61.6	4.1	53.1	11	46.6	88.6	1.4	728	362	366
Khmelnyska	5.4	26.7	37.6	29.0	-	61.3	3	54.8	69.0	2.7	963	549	414
Cherkaska	7.5	10.0	21.4	46.3	11.4	55.6	30	55.2	83.4	3.0	1234	721	513
Chernivetska	1.1	3.3	30.4	60.9	2.2	34.3	-	71.7	87.9	-	939	528	411
Chernihivska	8.4	12.6	23.8	49.1	4.2	59.9	6	60.3	88.7	3.7	948	506	442
Kyiv city	5.6	12.9	20.8	39.8	15.2	45.1	43	61.1	88.1	21.1	3024	1670	1354
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		8300	4061	4239
Incidence (crude rate)		23.8	25.1	22.7
Incidence (age-standardized, world standard)		12.2	15.6	10.3
Incidence (age-standardized, Ukrainian standard)		20.9	27.4	17.3
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		5.3% ↑↑	6.2% ↑↑	4.7% ↑
Mortality: number of new cases*		4074	2017	2057
Mortality (crude rate)		11.7	12.5	11.0
Mortality (age-standardized, world standard)		5.6	7.5	4.5
Mortality (age-standardized, Ukrainian standard)		10.0	13.9	7.9
Lived less than 1 year since the diagnosis in 2021, %		28.3	29.0	27.7
From among the newly diagnosed – diagnosed post mortem, %		2.7	2.6	2.8
Microscopically verified diagnoses, %		84.6	84.9	84.2
Diagnoses verified with histology, %		82.9	83.1	82.6
Unspecified morphology, %		5.5	5.2	5.8
Patients diagnosed during the preventive medical examinations, %		5.2	5.3	5.0
Newly diagnosed patients received the anti-cancer treatment, %		72.1	72.7	71.5
- surgical treatment only, %		32.8	32.1	33.6
- combined or complex treatment, %		29.2	30.1	28.2
Incidence of children population (age 0-17 years):	cases*	4	1	3
	rate per 100 000 of children population	0.1	0.0	0.1
Mortality of children population (age 0-17 years):	cases*	1	0	1
	rate per 100 000 of children population	0.0	-	0.0

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	23.8	25.1	22.7	12.2	15.6	10.3	20.9	27.4	17.3	11.7	12.5	11.0	5.6	7.5	4.5	10.0	13.9	7.9
AR Krym																		
Vinnyska	19.8	22.8	17.1	10.1	13.6	7.7	17.1	23.9	13.0	11.5	14.2	9.1	5.2	8.1	3.4	9.3	14.8	6.2
Volynska	23.2	24.1	22.3	13.6	17.5	11.6	23.8	33.0	19.3	11.1	12.1	10.2	6.2	8.6	4.8	11.3	16.8	8.3
Dnipropetrovska	24.9	25.4	24.5	12.3	15.4	10.5	20.8	26.5	17.7	12.5	12.3	12.6	5.8	7.4	5.0	10.1	13.2	8.6
Donetska																		
Zhytomyrska	18.1	18.2	18.1	9.3	11.2	8.4	15.9	19.7	14.1	8.5	9.5	7.6	3.8	5.5	3.0	7.3	10.8	5.7
Zakarpatska	19.3	21.1	17.7	12.4	15.8	10.2	20.4	27.0	16.5	11.3	13.4	9.3	7.0	10.0	5.2	12.0	18.1	8.5
Zaporizka	24.1	23.9	24.3	11.3	13.9	10.1	19.7	25.3	17.1	11.1	11.1	11.1	4.8	6.3	4.1	8.7	11.9	7.2
Ivano-Frankivska	20.2	21.2	19.4	10.8	14.1	8.9	19.1	25.7	15.5	8.5	8.0	9.0	4.5	5.2	4.0	8.1	9.9	7.1
Kyivska	21.2	23.7	19.1	11.6	15.7	9.3	19.6	27.5	15.4	8.6	9.5	7.7	4.3	6.0	3.3	7.6	10.7	5.9
Kirovohradska	28.3	33.6	23.8	13.9	19.9	10.1	23.4	34.4	17.0	14.4	15.9	13.0	6.1	8.6	4.7	11.2	16.1	8.7
Luhanska																		
Lvivska	22.8	26.0	19.9	12.3	16.6	9.6	21.2	29.7	16.1	8.7	9.4	8.1	4.4	6.0	3.5	8.0	11.5	6.1
Mykolaiivska	27.1	25.3	28.7	12.9	15.1	11.7	23.1	28.4	20.2	11.0	11.7	10.4	4.9	6.6	4.0	9.1	12.8	7.1
Odesska	22.4	22.0	22.6	12.1	14.2	10.9	20.2	24.4	17.9	7.5	7.9	7.2	3.9	5.2	3.2	6.8	9.1	5.5
Poltavska	26.3	25.4	27.0	13.0	15.1	11.8	21.7	25.1	19.7	14.1	12.7	15.4	6.4	7.1	6.0	11.2	12.3	10.6
Rivnenska	18.4	19.9	17.0	11.4	14.8	9.3	19.2	26.1	15.5	7.6	10.0	5.5	4.2	7.2	2.7	7.8	14.6	4.5
Sumska	25.7	27.4	24.3	11.9	15.1	10.1	20.2	26.1	17.0	11.5	11.8	11.3	5.0	6.1	4.5	8.8	11.8	7.5
Ternopil'ska	23.0	24.3	21.8	12.1	15.0	10.6	20.9	27.4	17.6	12.1	15.3	9.2	6.1	9.5	4.0	10.8	17.2	7.2
Kharkivska	29.0	29.4	28.7	13.8	17.7	11.6	24.0	31.8	19.8	17.7	16.7	18.5	7.9	9.6	7.2	14.2	17.9	12.5
Khersonska	21.6	20.9	22.2	10.7	13.0	9.4	18.5	22.9	16.0	11.4	9.3	13.3	5.6	5.8	5.5	9.9	10.8	9.5
Khmelnyska	21.5	22.6	20.6	10.7	13.5	9.0	18.3	23.1	15.4	12.1	14.7	9.8	5.5	8.3	3.9	10.0	15.5	7.1
Cherkaska	26.8	28.2	25.6	12.1	15.0	10.4	20.8	26.8	17.4	17.1	19.5	15.1	7.1	10.1	5.2	13.0	18.6	9.6
Chernivetska	14.8	18.9	11.1	8.7	13.0	5.5	14.2	21.1	9.4	5.4	6.7	4.3	3.0	4.5	2.1	5.1	8.2	3.4
Chernihivska	21.7	24.5	19.3	10.1	13.9	7.7	16.6	23.5	12.6	10.2	12.0	8.7	4.2	6.5	2.7	7.2	11.7	4.7
Kyiv city	31.7	33.9	29.8	16.7	21.2	13.9	28.8	37.2	23.8	16.9	18.4	15.7	8.3	11.1	6.6	14.9	20.3	11.8
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	295	161	134				110	65	45			
Volynska	191	85	106				122	59	63			
Dnipropetrovska	646	305	341				438	215	223			
Donetska	35	16	19				6	2	4			
Zhytomyrska	193	96	97				91	39	52			
Zakarpatska	194	97	97				119	61	58			
Zaporizka	256	119	137				106	51	55			
Ivano-Frankivska	243	135	108				140	75	65			
Kyivska	294	155	139				112	59	53			
Kirovohradska	216	106	110				123	60	63			
Luhanska	15	8	7				1	1	0			
Lvivska	466	242	224				188	111	77			
Mykolaivska	111	55	56				35	17	18			
Odesska	355	177	178				142	70	72			
Poltavska	310	174	136				147	69	78			
Rivnenska	189	91	98				92	49	43			
Sumska	205	106	99				107	54	53			
Ternopilska	201	116	85				121	73	48			
Kharkivska	124	67	57				22	16	6			
Khersonska	130	55	75				59	25	34			
Khmelnyska	268	134	134				163	84	79			
Cherkaska	340	167	173				172	83	89			
Chernivetska	123	63	60				32	14	18			
Chernihivska	241	121	120				98	52	46			
Kyiv city	611	303	308				210	103	107			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	6.1	34.2	25.0	28.4	5.5	28.3		73.6	83.0	5.3	59422	26476	32946
AR Krym													
Vinnyska	9.8	35.5	25.3	29.0	-	25.0	-	70.6	82.4	2.4	2329	1065	1264
Volynska	8.5	33.5	18.3	31.1	8.5	32.3	2	63.4	84.8	-	1304	569	735
Dnipropetrovska	3.7	40.4	23.4	25.0	6.7	27.4	8	60.6	75.1	0.7	4683	1952	2731
Donetska	14.7	11.8	47.1	20.6	5.9			94.1	25.7	-			
Zhytomyrska	6.0	36.3	23.8	31.5	0.6	28.6	-	86.9	95.3	0.6	1603	735	868
Zakarpatska	3.6	27.8	30.8	32.0	4.7	33.8	8	84.6	90.7	-	1460	714	746
Zaporizka	8.6	37.1	25.4	26.3	1.7	21.0	7	56.5	82.4	2.2	3098	1292	1806
Ivano-Frankivska	4.4	41.0	23.8	29.5	0.9	31.9	6	83.7	92.2	0.4	1775	840	935
Kyivska	4.8	31.6	30.9	30.5	2.2	21.6	-	80.5	87.8	2.9	3246	1456	1790
Kirovohradska	5.6	42.4	23.7	28.2	-	35.5	16	74.6	78.2	2.8	1541	656	885
Luhanska	7.1	21.4	21.4	21.4	21.4			92.9	86.7	-			
Lvivska	11.3	31.1	24.7	24.2	6.6	23.9	-	78.1	83.0	-	4084	1953	2131
Mykolaivska	3.6	16.4	10.9	39.1	30.0	26.4	20	19.1	63.1	-	2191	902	1289
Odesska	4.0	34.5	16.1	32.0	13.0	14.8	1	87.3	84.2	1.2	4759	2157	2602
Poltavska	8.7	38.1	20.3	31.5	0.7	34.4	5	78.3	81.0	9.4	2494	1107	1387
Rivnenska	5.6	30.6	35.6	15.6	12.2	19.9	-	65.0	86.8	5.0	1418	658	760
Sumska	8.4	45.5	16.2	26.7	3.1	21.1	-	68.1	72.2	4.7	1846	824	1022
Ternopilska	6.4	35.8	20.9	33.2	2.7	33.3	4	72.2	79.1	10.2	1344	658	686
Kharkivska	1.8	19.3	37.7	23.7	16.7	34.9	4	82.5	85.5	-	4980	2133	2847
Khersonska	3.4	37.3	12.7	44.1	1.7	32.7	4	63.6	76.2	-	1753	753	1000
Khmelnyska	3.4	38.2	37.8	19.3	-	34.5	-	71.0	77.2	2.5	1778	808	970
Cherkaska	9.3	33.9	22.1	28.7	5.9	42.8	36	76.5	87.6	2.1	2352	1029	1323
Chernivetska	4.3	22.4	40.5	30.2	1.7	14.2	-	81.0	78.9	-	1349	623	726
Chernihivska	2.8	36.7	26.5	31.6	1.4	22.1	2	84.2	90.5	5.6	1602	714	888
Kyiv city	4.7	27.7	27.3	29.8	9.7	32.8	80	78.6	90.0	33.0	6433	2878	3555
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♿♿	♿	♿
Incidence: number of new cases*		7148	3931	3217
Incidence (crude rate)		20.5	24.3	17.3
Incidence (age-standardized, world standard)		10.9	15.2	8.2
Incidence (age-standardized, Ukrainian standard)		18.1	26.0	13.4
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		8.8% ↑↑	8.8% ↑↑	9.4% ↑↑
Mortality: number of new cases*		3559	2055	1504
Mortality (crude rate)		10.2	12.7	8.1
Mortality (age-standardized, world standard)		5.0	7.7	3.4
Mortality (age-standardized, Ukrainian standard)		8.8	14.0	5.9
Lived less than 1 year since the diagnosis in 2021, %		22.2	23.0	21.1
From among the newly diagnosed – diagnosed post mortem, %		1.2	1.1	1.3
Microscopically verified diagnoses, %		90.6	90.5	90.6
Diagnoses verified with histology, %		28.0	25.4	31.1
Unspecified morphology, %		3.7	3.8	3.7
Patients diagnosed during the preventive medical examinations, %		28.0	25.4	31.1
Newly diagnosed patients received the anti-cancer treatment, %		76.8	77.3	76.3
- surgical treatment only, %		17.8	17.1	18.7
- combined or complex treatment, %		34.4	35.3	33.2
Incidence of children population (age 0-17 years):	cases*	1	0	1
	rate per 100 000 of children population	0.0	-	0.0
Mortality of children population (age 0-17 years):	cases*	1	0	1
	rate per 100 000 of children population	0.0	-	0.0

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿
Ukraine	20.5	24.3	17.3	10.9	15.2	8.2	18.1	26.0	13.4	10.2	12.7	8.1	5.0	7.7	3.4	8.8	14.0	5.9
AR Krym																		
Vinnyska	21.0	25.0	17.5	10.9	15.1	8.2	18.0	25.8	13.4	13.0	16.2	10.2	6.1	9.3	4.1	10.6	16.9	7.1
Volynska	16.7	21.4	12.5	10.1	15.5	6.7	17.0	26.8	11.0	8.1	9.2	7.1	4.7	6.7	3.6	8.2	12.1	6.0
Dnipropetrovska	21.8	26.4	17.9	11.2	16.3	8.2	18.1	27.4	12.9	9.7	11.0	8.6	4.4	6.3	3.4	7.8	11.6	6.0
Donetska																		
Zhytomyrska	20.0	24.9	15.7	10.6	15.7	7.5	17.8	27.6	12.3	8.9	10.7	7.3	4.4	6.6	3.2	7.7	12.1	5.4
Zakarpatska	14.7	16.3	13.3	9.7	12.1	8.0	15.3	19.2	12.5	9.3	10.2	8.4	5.7	7.4	4.6	9.9	13.0	7.9
Zaporizka	17.5	19.7	15.7	8.7	11.6	6.9	14.1	18.6	11.4	10.5	12.6	8.8	4.5	7.0	3.2	8.4	13.4	5.9
Ivano-Frankivska	19.1	22.1	16.3	10.7	14.5	8.4	17.8	25.3	13.4	12.0	14.9	9.4	6.4	9.8	4.1	11.3	17.7	7.2
Kyivska	18.0	22.0	14.6	10.2	14.5	7.6	16.4	24.1	12.0	7.2	8.7	5.9	3.5	5.6	2.4	6.3	10.2	4.4
Kirovohradska	25.1	27.5	23.0	12.0	16.1	9.8	20.8	28.9	16.5	14.3	19.3	9.9	6.6	11.2	3.8	11.4	19.8	6.6
Luhanska																		
Lvivska	20.4	24.5	16.8	11.2	15.7	8.2	18.8	27.6	13.5	8.1	10.7	5.8	4.3	6.9	2.7	7.6	12.5	4.7
Mykolaiivska	19.9	23.5	16.8	9.9	14.1	7.7	17.0	25.2	12.7	8.7	11.1	6.7	4.1	6.4	2.8	7.1	11.6	4.6
Odesska	17.8	19.2	16.5	9.9	12.5	8.2	16.4	21.2	13.5	6.8	9.2	4.7	3.3	5.6	1.8	6.0	10.5	3.4
Poltavska	25.1	29.3	21.6	12.3	16.8	10.0	20.7	30.0	15.9	13.5	16.4	11.1	6.4	9.3	4.7	10.9	16.7	7.7
Rivnenska	17.7	20.7	15.0	11.3	15.5	8.8	18.5	27.2	13.5	8.5	11.4	5.9	5.0	8.6	2.7	9.1	15.7	5.1
Sumska	25.0	33.3	17.9	12.1	18.2	8.3	19.6	30.4	13.0	12.6	15.2	10.4	5.5	8.0	4.0	9.5	14.4	6.8
Ternopil'ska	19.3	23.5	15.7	10.4	14.7	7.5	17.6	24.7	12.9	11.5	14.5	8.9	5.7	8.8	3.6	10.3	15.8	7.0
Kharkivska	21.4	25.3	18.1	10.6	15.4	7.6	17.8	26.1	12.8	13.7	16.7	11.2	6.4	9.8	4.5	11.5	18.2	7.9
Khersonska	21.4	27.3	16.3	10.7	16.8	7.0	18.2	28.7	12.2	12.5	13.6	11.6	6.1	8.3	4.8	10.6	15.3	8.1
Khmelnitska	20.8	24.0	18.0	10.9	14.7	8.3	17.6	24.3	13.3	10.8	14.9	7.2	5.3	8.8	3.0	8.9	15.0	5.1
Cherkaska	27.3	31.9	23.4	13.5	17.9	10.4	22.1	30.3	17.0	11.4	14.5	8.8	5.1	7.8	3.3	9.0	14.2	5.9
Chernivetska	16.9	21.0	13.2	9.9	14.3	6.9	16.4	24.3	11.4	5.1	5.7	4.5	2.9	4.0	2.3	5.2	7.4	4.1
Chernihivska	25.6	30.1	21.8	11.7	16.6	9.3	19.9	29.8	15.1	11.4	16.4	7.1	5.1	9.2	2.5	8.7	15.6	4.5
Kyiv city	21.3	24.6	18.4	11.5	15.8	8.8	19.8	27.4	15.0	10.1	13.1	7.6	5.1	8.2	3.1	9.2	14.8	5.8
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	290	164	126				116	73	43			
Volynska	166	89	77				101	58	43			
Dnipropetrovska	555	307	248				325	171	154			
Donetska	21	12	9				0	0	0			
Zhytomyrska	166	89	77				107	61	46			
Zakarpatska	175	106	69				108	72	36			
Zaporizka	201	111	90				91	41	50			
Ivano-Frankivska	223	140	83				140	79	61			
Kyivska	272	136	136				99	43	56			
Kirovohradska	232	124	108				111	60	51			
Luhanska	16	8	8				2	2	0			
Lvivska	397	232	165				163	102	61			
Mykolaivska	117	66	51				39	23	16			
Odesska	270	142	128				122	67	55			
Poltavska	275	162	113				159	89	70			
Rivnenska	201	121	80				98	55	43			
Sumska	237	117	120				130	74	56			
Ternopilska	177	101	76				97	54	43			
Kharkivska	80	44	36				32	21	11			
Khersonska	94	47	47				52	31	21			
Khmelnytska	289	151	138				157	88	69			
Cherkaska	266	148	118				173	94	79			
Chernivetska	105	61	44				42	30	12			
Chernihivska	204	107	97				117	74	43			
Kyiv city	458	236	222				163	80	83			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	8.6	34.7	27.7	23.3	5.3	22.2		72.8	88.3	9.1	50632	24638	25994
AR Krym													
Vinnyska	9.4	37.3	29.1	23.0	-	21.0	-	76.2	90.7	10.2	2211	1104	1107
Volynska	6.1	41.5	15.0	34.0	3.4	29.1	3	64.6	89.8	-	1179	558	621
Dnipropetrovska	9.7	32.3	33.3	19.2	5.1	23.4	4	64.8	85.0	1.7	4429	2131	2298
Donetska	19.0	9.5	38.1	28.6	4.8			90.5	23.8	-			
Zhytomyrska	12.3	37.0	24.7	20.8	3.9	19.4	-	79.2	97.0	1.3	1512	710	802
Zakarpatska	10.2	24.2	36.9	27.4	0.6	31.8	5	79.6	88.0	-	1175	599	576
Zaporizka	10.8	30.3	29.7	28.6	0.5	13.9	-	63.2	88.6	2.2	2403	1131	1272
Ivano-Frankivska	11.8	34.1	20.4	31.8	1.4	25.8	-	76.8	94.6	0.5	1438	763	675
Kyivska	8.1	25.1	35.6	28.3	2.8	17.8	1	78.1	87.9	6.1	2749	1360	1389
Kirovohradska	4.4	47.8	25.9	21.5	0.5	26.0	4	76.6	84.5	2.4	1611	764	847
Luhanska	6.7	20.0	20.0	26.7	26.7			60.0	81.3	6.7			
Lvivska	12.8	26.7	29.7	22.9	7.6	18.2	-	79.6	88.4	9.5	3430	1808	1622
Mykolaivska	2.6	12.2	10.4	29.6	45.2	21.3	3	17.4	79.5	-	1669	774	895
Odesska	10.1	35.9	16.1	20.2	17.3	12.5	2	84.3	86.7	3.2	3501	1728	1773
Poltavska	11.8	46.1	19.3	20.9	2.0	23.6	5	77.6	84.4	18.1	2387	1131	1256
Rivnenska	4.3	41.8	32.1	15.2	6.5	18.1	-	52.7	89.1	8.7	1380	692	688
Sumska	10.4	50.0	12.7	22.2	4.2	19.6	-	72.2	90.7	35.8	1789	839	950
Ternopilska	5.0	42.8	21.4	27.7	1.9	27.0	2	78.0	91.0	13.8	1383	682	701
Kharkivska	2.7	12.2	44.6	25.7	14.9	28.7	4	74.3	90.0	-	3602	1656	1946
Khersonska	4.6	50.6	12.6	29.9	2.3	27.3	2	63.2	89.4	1.1	1433	666	767
Khmelnytska	7.2	54.9	26.7	10.5	-	25.7	-	76.2	81.0	12.6	1812	878	934
Cherkaska	8.6	28.3	35.2	22.3	5.6	21.0	11	73.4	91.4	2.6	2041	1024	1017
Chernivetska	3.1	21.6	41.2	29.9	3.1	11.5	-	80.4	89.5	-	1123	625	498
Chernihivska	8.6	32.3	29.6	26.9	2.2	26.5	5	83.3	91.2	6.5	1637	766	871
Kyiv city	6.3	26.9	36.3	23.5	6.3	23.7	28	75.3	93.4	33.2	4738	2249	2489
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤👤	👤	👤
Incidence: number of new cases*		1556	965	591
Incidence (crude rate)		4.5	6.0	3.2
Incidence (age-standardized, world standard)		2.4	3.8	1.5
Incidence (age-standardized, Ukrainian standard)		3.9	6.1	2.4
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		3.2% ~~	6.1% ~~	-2.0% ~~
Mortality: number of new cases*		1239	773	466
Mortality (crude rate)		3.6	4.8	2.5
Mortality (age-standardized, world standard)		1.9	3.0	1.1
Mortality (age-standardized, Ukrainian standard)		3.1	5.0	1.9
Lived less than 1 year since the diagnosis in 2021, %		70.3	72.4	66.8
From among the newly diagnosed – diagnosed post mortem, %		14.6	14.8	14.3
Microscopically verified diagnoses, %		56.1	55.5	57.0
Diagnoses verified with histology, %		128.4	103.5	169.0
Unspecified morphology, %		18.1	18.7	17.2
Patients diagnosed during the preventive medical examinations, %		1.3	1.1	1.5
Newly diagnosed patients received the anti-cancer treatment, %		18.6	18.8	18.3
- surgical treatment only, %		5.7	4.7	7.3
- combined or complex treatment, %		2.1	1.8	2.6
Incidence of children population (age 0-17 years):	cases*	8	5	3
	rate per 100 000 of children population	0.1	0.2	0.1
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
Ukraine	4.5	6.0	3.2	2.4	3.8	1.5	3.9	6.1	2.4	3.6	4.8	2.5	1.9	3.0	1.1	3.1	5.0	1.9
AR Krym																		
Vinnitska	4.3	5.7	3.0	2.3	3.4	1.4	3.6	5.5	2.3	3.2	4.5	2.1	1.8	2.7	1.0	2.7	4.3	1.7
Volynska	4.7	6.5	3.2	3.0	4.8	1.6	4.9	7.4	2.9	3.6	5.2	2.2	2.3	3.7	1.1	3.7	6.2	2.0
Dnipropetrovska	4.8	6.7	3.3	2.6	4.3	1.4	4.0	6.4	2.4	3.5	4.1	3.0	1.7	2.6	1.1	2.9	4.1	2.0
Donetska																		
Zhytomyrska	2.8	3.8	1.9	1.5	2.4	0.7	2.5	3.8	1.4	1.8	2.5	1.1	1.0	1.6	0.5	1.6	2.4	0.9
Zakarpatska	4.7	6.9	2.6	3.1	5.1	1.7	4.9	8.4	2.5	4.8	7.0	2.6	3.2	5.3	1.5	5.2	8.7	2.6
Zaporizka	2.9	4.8	1.4	1.4	2.8	0.5	2.3	4.9	0.9	2.4	3.6	1.4	1.1	2.2	0.4	1.9	3.7	0.7
Ivano-Frankivska	2.1	2.5	1.7	1.4	1.8	0.9	2.0	2.5	1.5	1.5	2.0	1.0	0.9	1.4	0.5	1.4	2.0	0.9
Kyivska	3.0	4.4	1.9	1.7	2.9	1.0	2.9	4.9	1.6	2.1	3.1	1.2	1.2	2.1	0.6	2.0	3.4	1.1
Kirovohradska	6.5	8.2	5.0	3.1	4.9	1.8	5.1	8.2	3.1	5.4	7.0	3.9	2.6	4.3	1.5	4.3	7.2	2.5
Luhanska																		
Lvivska	4.0	4.8	3.3	2.1	3.1	1.4	3.5	5.1	2.4	2.7	3.2	2.2	1.5	2.1	1.0	2.4	3.4	1.7
Mykolaiivska	7.9	12.8	3.6	4.0	7.9	1.5	6.4	13.1	2.4	5.9	9.7	2.6	3.0	5.9	1.1	4.9	9.9	1.8
Odessa	3.6	5.4	2.1	2.1	3.6	1.0	3.3	5.5	1.7	2.4	3.6	1.2	1.4	2.5	0.6	2.2	3.8	1.0
Poltavska	4.5	4.8	4.2	2.2	2.9	1.8	3.7	4.7	3.0	4.2	3.9	4.6	2.0	2.3	1.8	3.5	3.8	3.2
Rivnenska	1.8	2.4	1.2	1.1	1.8	0.6	1.9	3.1	1.1	1.4	1.7	1.2	0.8	1.2	0.5	1.4	2.0	1.0
Sumska	2.6	3.0	2.3	1.3	1.7	1.0	2.1	2.7	1.7	1.7	2.1	1.4	0.8	1.1	0.7	1.5	2.1	1.1
Ternopil'ska	5.1	6.9	3.5	2.9	4.5	1.7	4.7	7.4	2.8	3.6	5.2	2.2	2.0	3.4	1.0	3.4	5.8	1.7
Kharkivska	8.4	10.5	6.6	4.5	6.8	2.8	7.1	10.7	4.8	7.4	9.9	5.1	3.7	6.0	2.1	6.0	9.8	3.6
Khersonska	4.0	6.7	1.7	2.2	4.3	0.7	3.3	6.5	1.2	3.9	6.2	1.9	2.1	3.9	0.7	3.3	6.2	1.3
Khmelnitska	3.6	4.7	2.6	1.8	2.8	1.1	3.0	4.9	1.8	2.9	4.0	1.8	1.3	2.3	0.7	2.4	4.2	1.3
Cherkaska	5.4	6.4	4.6	2.9	3.5	2.6	4.3	5.7	3.5	4.8	5.8	4.0	2.3	3.1	1.7	3.8	5.3	2.9
Chernivetska	2.5	3.6	1.5	1.6	2.6	0.8	2.4	3.6	1.3	1.9	2.6	1.3	1.2	1.9	0.8	1.8	2.7	1.1
Chernihivska	4.0	4.9	3.3	2.1	2.7	1.9	3.1	4.6	2.2	3.2	4.6	1.9	1.7	2.6	1.1	2.5	4.5	1.5
Kyiv city	5.6	6.9	4.5	3.1	4.4	2.2	5.1	7.4	3.7	4.9	6.1	3.8	2.6	3.9	1.7	4.4	6.6	3.0
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	65	38	27				36	20	16			
Volynska	39	26	13				35	23	12			
Dnipropetrovska	180	116	64				166	106	60			
Donetska	7	4	3				2	2	0			
Zhytomyrska	22	11	11				22	9	13			
Zakarpatska	43	26	17				31	21	10			
Zaporizka	44	30	14				28	20	8			
Ivano-Frankivska	27	15	12				24	11	13			
Kyivska	41	26	15				31	25	6			
Kirovohradska	30	16	14				29	18	11			
Luhanska	3	3	0				0	0	0			
Lvivska	94	63	31				54	37	17			
Mykolaivska	37	25	12				7	6	1			
Odessa	52	32	20				24	13	11			
Poltavska	54	32	22				34	18	16			
Rivnenska	31	17	14				27	16	11			
Sumska	30	17	13				15	6	9			
Ternopil'ska	45	28	17				40	22	18			
Kharkivska	9	7	2				2	0	2			
Khersonska	10	5	5				7	3	4			
Khmelnyska	50	36	14				41	28	13			
Cherkaska	49	30	19				50	28	22			
Chernivetska	28	18	10				11	9	2			
Chernihivska	31	22	9				23	17	6			
Kyiv city	62	39	23				32	19	13			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	2.0	6.7	31.0	38.0	20.9	70.3		20.4	52.8	0.7	2949	1602	1347
AR Krym													
Vinnyska	6.9	13.8	22.4	56.9	-	66.1	1	15.5	47.7	-	116	63	53
Volynska	5.9	11.8	26.5	29.4	26.5	88.6	7	32.4	69.2	-	65	30	35
Dnipropetrovska	1.4	2.8	59.3	17.2	17.9	60.3	9	11.0	54.4	-	235	147	88
Donetska	14.3	14.3	-	14.3	57.1			14.3	28.6	-			
Zhytomyrska	-	9.5	28.6	42.9	19.0	68.8	1	23.8	54.5	-	57	34	23
Zakarpatska	-	5.7	48.6	28.6	17.1	94.5	10	25.7	51.2	-	58	30	28
Zaporizka	4.9	-	29.3	48.8	14.6	64.4	1	9.8	27.3	2.4	127	71	56
Ivano-Frankivska	-	9.1	9.1	63.6	18.2	81.5	2	27.3	77.8	-	50	25	25
Kyivska	2.4	7.3	22.0	56.1	12.2	64.0	-	34.1	53.7	2.4	134	66	68
Kirovohradska	-	26.7	33.3	40.0	-	85.7	27	6.7	43.3	6.7	38	12	26
Luhanska	-	-	-	66.7	-			100.0	100.0	-			
Lvivska	1.1	9.1	22.7	35.2	31.8	61.1	1	18.2	43.6	-	278	155	123
Mykolaivska	-	-	20.0	60.0	20.0	64.6	29	5.7	81.1	-	157	89	68
Odessa	-	6.8	25.0	43.2	25.0	52.5	2	43.2	63.5	4.5	324	189	135
Poltavska	6.3	4.2	37.5	50.0	2.1	67.2	2	20.8	53.7	-	101	51	50
Rivnenska	-	12.9	25.8	16.1	41.9	30.0	-	19.4	58.1	-	76	39	37
Sumska	3.4	3.4	20.7	44.8	27.6	59.3	-	27.6	53.3	3.4	110	57	53
Ternopil'ska	-	2.3	20.5	61.4	6.8	70.8	2	18.2	57.8	-	95	51	44
Kharkivska	-	-	33.3	33.3	33.3	75.1	21	44.4	33.3	-	294	141	153
Khersonska	-	-	50.0	50.0	-	81.6	13	-	20.0	-	41	27	14
Khmelnyska	-	9.1	63.6	20.5	6.8	76.2	2	18.2	28.0	-	85	47	38
Cherkaska	-	9.8	9.8	53.7	26.8	85.0	23	7.3	38.8	2.4	68	35	33
Chernivetska	3.7	7.4	33.3	51.9	3.7	55.0	-	25.9	53.6	-	91	53	38
Chernihivska	-	4.2	12.5	66.7	16.7	75.7	9	12.5	61.3	-	46	20	26
Kyiv city	1.8	7.0	10.5	-	73.7	75.4	51	36.8	71.0	-	303	170	133
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		4035	2128	1907
Incidence (crude rate)		11.6	13.1	10.2
Incidence (age-standardized, world standard)		6.0	8.3	4.4
Incidence (age-standardized, Ukrainian standard)		10.1	13.8	7.7
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		0.0% ~~	1.0% ~~	-0.4% ~~
Mortality: number of new cases*		3027	1621	1406
Mortality (crude rate)		8.7	10.0	7.5
Mortality (age-standardized, world standard)		4.4	6.3	3.1
Mortality (age-standardized, Ukrainian standard)		7.6	10.6	5.6
Lived less than 1 year since the diagnosis in 2021, %		64.0	66.0	61.7
From among the newly diagnosed – diagnosed post mortem, %		5.0	5.4	4.6
Microscopically verified diagnoses, %		42.7	43.5	41.8
Diagnoses verified with histology, %		38.7	39.4	38.0
Unspecified morphology, %		13.6	13.7	13.4
Patients diagnosed during the preventive medical examinations, %		1.4	1.8	1.0
Newly diagnosed patients received the anti-cancer treatment, %		31.6	32.0	31.2
- surgical treatment only, %		7.7	7.2	8.3
- combined or complex treatment, %		5.7	5.5	6.1
Incidence of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	11.6	13.1	10.2	6.0	8.3	4.4	10.1	13.8	7.7	8.7	10.0	7.5	4.4	6.3	3.1	7.6	10.6	5.6
AR Krym																		
Vinnitska	11.5	14.4	9.1	5.8	8.6	3.8	9.6	14.2	6.5	9.1	11.1	7.3	4.4	6.6	2.8	7.5	11.3	4.9
Volynska	9.4	9.8	9.1	5.8	7.0	5.0	9.6	11.6	8.1	8.3	10.8	6.1	5.0	7.7	3.1	8.5	13.3	5.5
Dnipropetrovska	12.5	13.9	11.3	6.1	8.7	4.4	10.3	14.2	7.8	8.7	10.1	7.5	4.2	6.2	2.8	7.2	10.4	5.1
Donetska																		
Zhytomyrska	8.9	10.9	7.2	5.0	7.2	3.5	8.0	11.2	5.8	6.4	7.1	5.7	3.5	4.5	2.7	5.9	7.5	4.7
Zakarpatska	8.4	8.9	7.9	5.5	6.6	4.5	8.7	10.5	7.4	5.9	7.0	4.8	3.9	5.3	2.8	6.1	8.3	4.6
Zaporizka	11.3	12.4	10.3	5.2	7.3	3.5	9.0	11.9	6.8	8.5	9.4	7.8	3.7	5.4	2.5	6.6	9.1	4.9
Ivano-Frankivska	9.6	9.4	9.8	5.2	6.3	4.3	9.1	10.3	7.9	9.0	9.1	9.0	4.9	6.1	3.9	8.7	10.3	7.3
Kyivska	10.2	13.3	7.6	5.8	9.1	3.6	9.5	14.8	6.2	6.4	9.2	4.1	3.6	6.4	1.9	6.1	10.9	3.3
Kirovohradska	13.8	17.1	11.0	7.2	10.7	4.6	11.7	17.5	7.9	10.9	12.6	9.5	5.6	7.8	4.2	9.3	13.3	7.0
Luhanska																		
Lvivska	12.8	14.9	10.8	6.9	9.8	4.8	11.9	16.5	8.6	8.5	9.2	7.9	4.6	6.0	3.4	7.6	9.6	6.0
Mykolaiivska	13.4	14.0	12.8	6.5	8.3	5.6	11.3	15.1	9.3	8.5	8.9	8.2	4.1	5.3	3.4	7.3	9.9	5.9
Odessa	7.2	8.1	6.4	3.9	5.3	2.9	6.3	8.9	4.7	4.1	4.2	4.0	2.2	2.8	1.8	3.7	4.7	3.0
Poltavska	11.1	12.5	9.8	5.6	7.7	4.0	9.3	11.9	7.3	8.9	10.3	7.6	4.4	6.2	3.1	7.2	9.7	5.5
Rivnenska	8.2	10.3	6.2	5.0	7.6	2.8	8.3	12.1	5.2	6.8	8.5	5.4	4.0	6.2	2.3	7.0	10.1	4.6
Sumska	10.6	13.3	8.2	4.9	7.4	3.1	8.4	12.2	5.7	7.7	11.2	4.8	3.7	6.4	1.6	6.3	10.3	3.3
Ternopil'ska	11.6	14.3	9.2	6.1	9.0	3.9	10.2	15.1	6.8	9.2	10.3	8.3	4.7	6.4	3.3	8.2	10.7	6.2
Kharkivska	16.1	16.4	15.7	8.0	10.0	6.4	13.4	16.3	11.2	13.1	13.9	12.4	6.5	8.6	4.9	10.8	13.9	8.6
Khersonska	12.9	14.9	11.2	6.5	9.3	4.7	11.0	16.3	7.9	11.2	14.0	8.8	5.6	8.9	3.4	9.6	15.4	6.1
Khmelnitska	12.6	14.7	10.7	6.3	8.7	4.6	10.4	14.7	7.7	10.1	11.9	8.5	5.0	7.1	3.5	8.5	12.1	6.3
Cherkaska	13.7	16.9	11.1	6.2	9.2	4.3	10.8	16.1	7.5	12.9	15.4	10.7	5.8	8.4	4.1	10.3	14.8	7.5
Chernivetska	8.0	9.8	6.4	4.8	6.6	3.3	7.6	10.7	5.4	3.4	3.8	3.0	1.8	2.5	1.2	3.3	4.6	2.4
Chernihivska	14.5	18.5	11.2	6.7	10.3	4.6	11.1	17.8	7.5	10.5	13.7	7.9	4.9	7.7	3.1	8.1	13.4	5.3
Kyiv city	13.3	13.3	13.2	6.9	8.4	6.0	12.3	14.8	10.8	10.1	11.0	9.3	5.0	6.8	3.9	9.3	12.4	7.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnyska	144	74	70				112	65	47			
Volynska	98	60	38				78	47	31			
Dnipropetrovska	362	191	171				307	160	147			
Donetska	11	5	6				3	2	1			
Zhytomyrska	89	52	37				59	34	25			
Zakarpatska	119	65	54				82	38	44			
Zaporizka	121	54	67				71	36	35			
Ivano-Frankivska	145	86	59				116	78	38			
Kyivska	143	76	67				94	54	40			
Kirovohradska	127	65	62				100	52	48			
Luhanska	9	7	2				4	3	1			
Lvivska	257	141	116				166	93	73			
Mykolaivska	84	42	42				24	14	10			
Odessa	146	78	68				80	43	37			
Poltavska	149	73	76				123	66	57			
Rivnenska	92	47	45				77	46	31			
Sumska	111	62	49				81	42	39			
Ternopilska	115	54	61				97	52	45			
Kharkivska	61	30	31				24	12	12			
Khersonska	58	36	22				35	19	16			
Khmelnyska	158	77	81				128	75	53			
Cherkaska	153	83	70				135	82	53			
Chernivetska	68	33	35				26	12	14			
Chernihivska	114	57	57				104	56	48			
Kyiv city	278	130	148				152	74	78			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	6.6	19.4	12.8	43.5	16.5	64.0		31.9	39.8	1.1	8527	4234	4293
AR Krym													
Vinnyska	10.8	21.7	16.7	49.2	-	67.1	1	27.5	41.7	-	284	134	150
Volynska	15.7	14.5	10.8	55.4	3.6	69.6	7	60.2	30.6	-	186	99	87
Dnipropetrovska	7.0	27.1	17.3	34.3	12.5	63.8	10	19.8	35.4	-	585	298	287
Donetska	36.4	9.1	9.1	27.3	18.2			72.7	27.3	-			
Zhytomyrska	6.0	21.7	12.0	53.0	4.8	65.3	2	51.8	43.8	-	193	96	97
Zakarpatska	6.8	24.3	8.7	54.4	4.9	74.7	10	23.3	42.9	-	203	112	91
Zaporizka	2.6	28.1	4.4	58.8	6.1	58.9	4	21.9	28.1	0.9	356	166	190
Ivano-Frankivska	2.9	15.7	10.7	60.0	10.0	66.9	3	30.7	46.9	-	254	128	126
Kyivska	5.8	25.5	9.5	49.6	9.5	56.6	-	45.3	38.5	1.5	551	282	269
Kirovohradska	16.5	18.4	9.7	54.4	1.0	74.8	19	36.9	43.3	1.0	166	90	76
Luhanska	12.5	12.5	12.5	25.0	37.5			50.0	44.4	-			
Lvivska	4.8	17.9	12.2	36.7	26.6	59.6	2	23.1	31.5	-	791	406	385
Mykolaivska	2.4	11.9	9.5	48.8	27.4	55.2	17	13.1	40.5	-	422	205	217
Odessa	9.0	20.1	6.0	44.0	20.9	45.6	-	45.5	36.3	0.7	723	373	350
Poltavska	5.1	16.7	13.8	61.6	2.9	72.3	1	48.6	41.6	3.6	331	149	182
Rivnenska	4.5	24.7	7.9	30.3	32.6	65.5	-	41.6	27.2	3.4	222	109	113
Sumska	15.5	13.6	6.8	51.5	11.7	53.9	-	32.0	44.1	-	298	148	150
Ternopilska	6.5	12.1	18.7	55.1	3.7	70.5	2	17.8	36.5	1.9	213	117	96
Kharkivska	5.3	7.0	8.8	54.4	22.8	64.3	8	50.9	44.3	-	724	349	375
Khersonska	1.9	11.3	9.4	69.8	7.5	72.8	10	20.8	24.1	-	140	69	71
Khmelnyska	1.4	29.9	33.3	32.0	2.7	66.2	1	27.2	26.6	2.7	287	141	146
Cherkaska	1.7	5.8	10.8	56.7	22.5	84.2	32	30.0	50.3	1.7	207	101	106
Chernivetska	11.1	9.5	19.0	42.9	12.7	41.2	-	47.6	38.2	-	271	143	128
Chernihivska	5.9	24.8	10.9	44.6	10.9	69.0	8	20.8	44.7	7.9	175	74	101
Kyiv city	5.0	17.0	11.6	-	64.7	61.8	51	33.2	60.1	0.8	945	445	500
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		1540	1455	85
Incidence (crude rate)		4.4	9.0	0.5
Incidence (age-standardized, world standard)		2.6	5.8	0.3
Incidence (age-standardized, Ukrainian standard)		3.9	9.0	0.4
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		-2.3%	-3.5%	22.6%
		~~	~~	~~
Mortality: number of new cases*		877	847	30
Mortality (crude rate)		2.5	5.2	0.2
Mortality (age-standardized, world standard)		1.4	3.3	0.1
Mortality (age-standardized, Ukrainian standard)		2.2	5.5	0.1
Lived less than 1 year since the diagnosis in 2021, %		23.4	23.7	18.5
From among the newly diagnosed – diagnosed post mortem, %		1.3	1.2	2.5
Microscopically verified diagnoses, %		92.3	92.4	91.8
Diagnoses verified with histology, %		86.6	86.6	87.1
Unspecified morphology, %		4.1	4.0	5.1
Patients diagnosed during the preventive medical examinations, %		7.3	7.3	8.2
Newly diagnosed patients received the anti-cancer treatment, %		76.8	77.3	69.1
- surgical treatment only, %		14.2	14.1	16.0
- combined or complex treatment, %		31.2	32.0	16.0
Incidence of children population (age 0-17 years):	0	0	0	0
	-	-	-	-
Mortality of children population (age 0-17 years):	0	0	0	0
	-	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	4.4	9.0	0.5	2.6	5.8	0.3	3.9	9.0	0.4	2.5	5.2	0.2	1.4	3.3	0.1	2.2	5.5	0.1
AR Krym																		
Vinnitska	3.2	6.5	0.4	1.9	4.2	0.1	2.7	6.0	0.3	2.1	4.2	0.3	1.0	2.4	0.1	1.7	4.1	0.1
Volynska	3.8	7.7	0.4	2.5	5.7	0.3	3.9	9.2	0.4	2.5	5.0	0.2	1.6	3.7	0.2	2.7	6.4	0.2
Dnipropetrovska	5.3	10.7	0.7	3.0	6.8	0.4	4.5	10.6	0.6	2.2	4.7	0.2	1.2	2.9	0.1	1.9	4.8	0.1
Donetska																		
Zhytomyrska	4.6	8.9	0.8	2.8	5.9	0.5	4.1	8.9	0.8	2.1	4.5	0.0	1.2	2.9	0.0	1.9	4.9	0.0
Zakarpatska	4.0	8.4	0.0	2.7	6.2	0.0	4.0	9.2	0.0	2.7	5.5	0.2	1.8	4.1	0.1	2.9	7.2	0.2
Zaporizka	4.7	10.0	0.2	2.6	6.0	0.3	3.9	9.4	0.3	2.6	5.2	0.3	1.3	3.0	0.1	2.1	5.2	0.2
Ivano-Frankivska	4.0	8.0	0.4	2.4	5.4	0.2	3.8	8.9	0.4	2.9	6.1	0.0	1.5	3.9	0.0	2.7	7.2	0.0
Kyivska	3.5	7.1	0.4	2.1	4.7	0.3	3.1	7.3	0.4	2.1	4.4	0.2	1.2	2.9	0.1	1.9	4.9	0.2
Kirovohradska	5.4	11.1	0.4	3.1	7.0	0.3	4.6	10.7	0.4	4.2	9.2	0.0	2.1	5.3	0.0	3.6	9.2	0.0
Luhanska																		
Lvivska	5.9	11.8	0.5	3.5	7.6	0.3	5.2	11.6	0.4	2.5	5.2	0.1	1.5	3.4	0.0	2.3	5.5	0.1
Mykolaiivska	6.8	13.2	1.2	3.8	8.4	0.6	5.7	12.9	0.9	2.9	5.7	0.5	1.5	3.4	0.2	2.3	5.4	0.3
Odessa	4.5	9.1	0.5	2.8	6.3	0.2	4.2	9.3	0.4	1.8	3.5	0.2	1.0	2.3	0.1	1.6	3.8	0.1
Poltavska	3.8	7.7	0.4	2.1	4.8	0.2	3.2	7.6	0.3	3.1	6.4	0.1	1.6	3.9	0.1	2.7	6.8	0.1
Rivnenska	3.9	7.9	0.2	2.5	5.9	0.1	3.9	9.4	0.1	1.8	3.9	0.0	1.2	2.9	0.0	1.9	4.7	0.0
Sumska	4.2	8.9	0.2	2.3	5.2	0.1	3.4	7.9	0.2	2.2	4.6	0.2	1.0	2.4	0.1	1.7	4.2	0.1
Ternopil'ska	4.8	10.1	0.2	2.9	6.5	0.1	4.3	9.9	0.1	2.6	5.5	0.0	1.5	3.5	0.0	2.3	5.6	0.0
Kharkiv'ska	4.8	9.4	0.7	2.6	5.9	0.4	4.0	9.5	0.6	3.9	8.1	0.3	2.0	5.0	0.1	3.3	8.2	0.2
Kherson'ska	4.5	9.5	0.2	2.7	6.1	0.1	4.0	9.2	0.2	2.7	5.4	0.4	1.5	3.3	0.2	2.3	5.6	0.3
Khmelnitska	4.5	9.7	0.0	2.5	5.9	0.0	3.8	9.2	0.0	3.1	6.7	0.0	1.6	4.0	0.0	2.7	6.7	0.0
Cherkaska	4.5	9.2	0.5	2.3	5.3	0.3	3.6	8.4	0.4	2.9	6.2	0.2	1.4	3.4	0.0	2.3	5.7	0.1
Chernivetska	4.9	9.6	0.6	2.8	6.3	0.4	4.5	10.6	0.6	2.0	4.3	0.0	1.2	2.9	0.0	2.0	5.1	0.0
Chernihiv'ska	5.9	13.0	0.0	3.2	7.6	0.0	4.7	11.3	0.0	3.8	8.3	0.0	2.0	4.8	0.0	3.1	7.8	0.0
Kyiv city	2.1	3.8	0.6	1.1	2.3	0.3	1.9	4.2	0.5	1.2	2.5	0.1	0.7	1.6	0.1	1.1	2.7	0.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	78	78	0				25	25	0			
Volynska	44	44	0				30	30	0			
Dnipropetrovska	128	118	10				73	68	5			
Donetska	9	7	2				0	0	0			
Zhytomyrska	56	52	4				29	28	1			
Zakarpatska	34	32	2				30	28	2			
Zaporizka	40	37	3				23	22	1			
Ivano-Frankivska	55	51	4				33	32	1			
Kyivska	51	47	4				31	28	3			
Kirovohradska	60	57	3				33	32	1			
Luhanska	6	6	0				2	2	0			
Lvivska	105	104	1				55	55	0			
Mykolaivska	20	17	3				10	9	1			
Odessa	71	64	7				32	31	1			
Poltavska	62	61	1				35	35	0			
Rivnenska	46	45	1				21	21	0			
Sumska	63	58	5				25	24	1			
Ternopil'ska	55	53	2				24	24	0			
Kharkivska	45	41	4				10	10	0			
Khersonska	17	16	1				9	9	0			
Khmelnyska	53	50	3				25	25	0			
Cherkaska	51	49	2				35	34	1			
Chernivetska	38	38	0				9	9	0			
Chernihivska	52	51	1				28	27	1			
Kyiv city	42	40	2				21	19	2			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	9.7	21.9	40.5	22.7	5.0	1.3		77.5	92.3	5.7	13974	12884	1090
AR Krym													
Vinnyska	10.4	29.9	35.8	23.9	-	-	6	82.1	93.6	7.5	575	538	37
Volynska	7.3	36.6	46.3	4.9	4.9	5.1	15	80.5	100.0	-	365	348	17
Dnipropetrovska	2.5	27.0	40.2	25.4	4.9	1.3	34	72.1	91.4	2.5	1172	1067	105
Donetska	44.4	11.1	22.2	22.2	-			100.0	88.9	-			
Zhytomyrska	-	10.0	78.0	12.0	-	-	13	86.0	100.0	-	447	411	36
Zakarpatska	13.8	20.7	31.0	31.0	3.4	2.0	11	75.9	91.2	-	358	323	35
Zaporizka	10.8	13.5	35.1	29.7	10.8	-	14	70.3	92.5	8.1	642	605	37
Ivano-Frankivska	5.9	23.5	49.0	19.6	2.0	-	9	68.6	87.3	-	485	451	34
Kyivska	6.4	17.0	31.9	40.4	4.3	-	8	78.7	82.4	2.1	747	687	60
Kirovohradska	36.5	15.4	25.0	23.1	-	4.3	18	82.7	93.3	-	365	332	33
Luhanska	-	20.0	20.0	-	60.0			80.0	83.3	-			
Lvivska	9.7	17.5	37.9	23.3	10.7	-	27	76.7	93.3	-	1320	1246	74
Mykolaivska	5.3	42.1	52.6	-	-	1.5	13	26.3	100.0	-	598	550	48
Odessa	10.6	13.6	31.8	28.8	15.2	-	16	84.8	94.4	3.0	1082	982	100
Poltavska	8.2	16.4	55.7	16.4	1.6	2.0	14	82.0	93.5	9.8	570	527	43
Rivnenska	26.7	28.9	24.4	2.2	17.8	-	6	73.3	89.1	26.7	342	320	22
Sumska	8.5	28.8	40.7	20.3	-	-	11	67.8	87.3	1.7	475	441	34
Ternopil'ska	8.0	26.0	38.0	24.0	4.0	-	13	88.0	96.4	20.0	450	421	29
Kharkivska	4.4	6.7	13.3	73.3	2.2	0.9	36	80.0	93.3	-	1078	952	126
Khersonska	-	5.9	64.7	29.4	-	4.9	12	58.8	64.7	5.9	342	313	29
Khmelnyska	5.9	39.2	49.0	5.9	-	-	17	74.5	88.7	5.9	476	446	30
Cherkaska	10.6	21.3	34.0	29.8	4.3	5.9	15	78.7	90.2	2.1	517	484	33
Chernivetska	7.9	15.8	68.4	7.9	-	-	5	86.8	100.0	-	447	411	36
Chernihivska	16.7	20.8	45.8	16.7	-	1.9	15	87.5	96.2	20.8	356	327	29
Kyiv city	2.7	27.0	29.7	24.3	16.2	5.4	16	78.4	95.2	27.0	765	702	63
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		10432	8256	2176
Incidence (crude rate)		29.9	50.9	11.7
Incidence (age-standardized, world standard)		16.2	32.1	5.5
Incidence (age-standardized, Ukrainian standard)		26.3	53.7	9.0
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		1.2% ~~	1.3% ~~	2.3% ~~
Mortality: number of new cases*		7637	6260	1377
Mortality (crude rate)		21.9	38.6	7.4
Mortality (age-standardized, world standard)		11.6	24.2	3.3
Mortality (age-standardized, Ukrainian standard)		19.2	41.2	5.6
Lived less than 1 year since the diagnosis in 2021, %		53.8	56.5	43.0
From among the newly diagnosed – diagnosed post mortem, %		3.4	3.4	3.6
Microscopically verified diagnoses, %		64.7	64.1	66.9
Diagnoses verified with histology, %		55.0	54.2	58.4
Unspecified morphology, %		9.7	9.6	10.0
Patients diagnosed during the preventive medical examinations, %		9.1	8.8	10.0
Newly diagnosed patients received the anti-cancer treatment, %		46.4	46.2	46.9
- surgical treatment only, %		7.3	6.2	11.8
- combined or complex treatment, %		7.5	7.0	9.3
Incidence of children population (age 0-17 years):	cases*	1	1	0
	rate per 100 000 of children population	0.0	0.0	-
Mortality of children population (age 0-17 years):	cases*	1	1	0
	rate per 100 000 of children population	0.0	0.0	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	29.9	50.9	11.7	16.2	32.1	5.5	26.3	53.7	9.0	21.9	38.6	7.4	11.6	24.2	3.3	19.2	41.2	5.6
AR Krym																		
Vinnitska	30.9	52.2	12.4	16.4	31.8	5.4	26.5	52.3	9.3	22.4	41.0	6.2	11.2	24.4	2.2	18.9	41.8	4.1
Volynska	18.1	31.2	6.3	11.3	22.7	3.3	18.6	38.3	5.6	16.0	28.7	4.7	10.1	20.9	2.6	16.5	35.6	4.2
Dnipropetrovska	33.8	56.1	15.0	17.8	35.1	6.9	28.5	57.6	11.0	22.1	38.2	8.6	11.0	23.2	3.5	18.2	39.3	6.0
Donetska																		
Zhytomyrska	23.6	44.0	5.7	13.0	27.7	3.2	20.7	45.8	4.7	17.8	31.3	6.0	9.9	19.9	3.1	15.6	32.3	4.9
Zakarpatska	29.1	51.9	7.9	19.1	38.4	4.5	30.0	61.5	7.3	24.6	43.9	6.7	15.9	32.4	3.8	25.9	54.0	6.3
Zaporizka	37.7	63.4	16.1	18.7	37.2	6.9	30.5	62.7	11.4	25.7	45.2	9.2	12.3	26.3	3.7	20.5	45.5	6.1
Ivano-Frankivska	27.4	49.5	7.5	15.7	33.1	3.6	25.7	55.7	6.0	23.7	43.9	5.5	13.4	29.1	2.6	22.5	50.0	4.6
Kyivska	23.3	41.5	7.9	13.1	27.4	3.9	21.3	46.1	6.4	16.0	29.9	4.3	8.7	19.8	1.9	14.8	34.6	3.3
Kirovohradska	42.6	75.1	14.7	22.2	45.4	6.3	35.5	73.5	10.7	33.6	58.7	12.0	17.0	35.0	5.1	27.9	58.5	8.8
Luhanska																		
Lvivska	26.9	49.3	6.8	15.1	31.8	3.4	24.7	54.0	5.4	19.4	35.5	4.9	10.8	22.8	2.4	17.9	39.3	3.9
Mykolaiivska	36.5	61.6	14.7	19.0	37.7	6.7	30.3	62.0	10.5	24.8	43.5	8.7	12.9	26.6	4.0	20.6	44.2	6.2
Odessa	29.4	43.5	16.8	16.9	29.2	8.3	27.1	47.6	13.4	13.8	22.6	5.9	7.7	14.8	2.8	12.6	24.8	4.7
Poltavska	30.4	53.6	10.5	15.3	31.7	4.5	25.0	53.1	7.3	24.9	44.1	8.4	12.3	25.8	3.5	20.7	44.3	6.0
Rivnenska	20.3	34.5	7.4	12.6	25.4	4.2	21.0	44.2	6.7	16.9	27.9	7.0	10.5	20.6	3.8	17.4	35.0	6.5
Sumska	31.3	55.4	10.7	15.3	30.8	4.9	25.1	52.7	7.7	21.8	38.8	7.3	10.3	21.1	3.3	17.0	35.7	5.3
Ternopil'ska	25.6	46.5	7.2	14.2	29.2	3.8	23.2	50.1	5.9	23.9	46.3	4.1	12.9	29.0	1.8	21.6	50.4	3.2
Kharkivska	35.8	58.2	16.4	18.1	35.3	7.4	29.9	60.3	11.8	27.8	46.1	11.9	14.0	28.1	5.3	23.5	48.5	8.8
Khersonska	39.8	66.9	16.3	21.5	41.7	8.2	34.5	69.7	12.6	34.3	60.9	11.2	18.4	38.0	5.5	29.9	63.4	8.8
Khmelnitska	32.6	57.5	10.8	16.4	34.2	4.5	27.5	59.3	7.6	26.2	47.7	7.5	13.5	28.6	3.3	22.4	49.3	5.4
Cherkaska	35.9	60.8	14.6	17.5	33.9	6.1	28.4	56.1	10.3	29.4	50.5	11.4	13.6	27.7	4.0	22.8	46.8	7.4
Chernivetska	21.1	36.3	7.5	12.4	24.4	4.0	20.1	40.6	6.4	9.0	16.0	2.8	5.1	10.6	1.5	8.7	18.4	2.4
Chernihivska	33.6	62.9	9.1	16.5	35.4	4.2	26.6	58.8	6.7	27.4	52.5	6.4	13.2	29.6	2.8	21.8	50.5	4.6
Kyiv city	24.1	37.4	12.8	13.1	23.8	6.2	21.8	40.5	10.2	16.6	27.7	7.1	8.7	17.3	3.2	15.1	30.4	5.8
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnyska	443	358	85				260	208	52			
Volynska	211	177	34				177	156	21			
Dnipropetrovska	946	748	198				770	616	154			
Donetska	25	15	10				8	7	1			
Zhytomyrska	266	230	36				170	144	26			
Zakarpatska	313	249	64				240	198	42			
Zaporizka	329	269	60				188	153	35			
Ivano-Frankivska	382	325	57				306	272	34			
Kyivska	394	307	87				219	179	40			
Kirovohradska	344	269	75				284	233	51			
Luhanska	21	17	4				9	6	3			
Lvivska	552	484	68				377	335	42			
Mykolaivska	171	143	28				59	48	11			
Odesska	441	329	112				255	202	53			
Poltavska	415	340	75				311	264	47			
Rivnenska	209	172	37				170	146	24			
Sumska	307	234	73				207	172	35			
Ternopil'ska	344	285	59				257	215	42			
Kharkivska	148	113	35				37	20	17			
Khersonska	210	169	41				129	110	19			
Khmelnyska	389	310	79				323	264	59			
Cherkaska	378	293	85				363	287	76			
Chernivetska	180	147	33				60	49	11			
Chernihivska	292	230	62				212	171	41			
Kyiv city	511	357	154				287	201	86			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	6.2	7.5	31.0	45.6	7.4	53.8		48.5	63.0	5.3	34569	24922	9647
AR Krym													
Vinnyska	7.8	8.8	29.2	52.5	-	52.8	1	52.0	73.4	4.0	1358	986	372
Volynska	2.1	8.3	26.6	56.8	5.7	71.6	5	43.2	50.2	-	543	414	129
Dnipropetrovska	8.5	13.1	28.7	36.4	8.3	52.7	13	42.6	60.7	8.0	2576	1840	736
Donetska	12.0	8.0	32.0	48.0	-			88.0	20.0	-			
Zhytomyrska	4.4	4.4	38.8	46.8	2.4	53.7	2	54.8	87.6	0.4	942	721	221
Zakarpatska	2.9	5.1	30.4	55.7	4.4	71.9	31	50.5	70.9	0.7	859	665	194
Zaporizka	7.1	5.2	32.1	53.2	0.6	41.0	5	35.7	35.6	5.2	2174	1604	570
Ivano-Frankivska	2.8	5.0	33.1	55.0	1.9	66.8	5	47.5	59.7	1.4	801	621	180
Kyivska	7.6	9.8	27.5	47.4	4.6	45.5	-	57.5	64.5	4.9	2142	1579	563
Kirovohradska	13.9	8.1	32.9	44.4	-	63.5	38	43.4	62.8	11.2	770	546	224
Luhanska	-	-	19.0	33.3	47.6			38.1	52.4	-			
Lvivska	5.0	6.2	40.3	37.3	8.3	57.2	2	38.2	53.3	6.4	2182	1717	465
Mykolaivska	3.5	4.7	11.8	45.3	33.5	41.6	35	18.2	75.4	-	1695	1244	451
Odesska	5.6	8.1	21.0	48.4	14.9	32.3	6	62.3	71.0	2.0	3445	2457	988
Poltavska	5.5	6.3	23.2	61.8	2.1	59.7	2	53.9	60.0	6.3	1311	941	370
Rivnenska	6.0	6.5	37.5	39.0	8.5	53.4	-	36.0	45.5	6.5	716	519	197
Sumska	14.7	11.2	26.9	28.0	17.8	44.3	1	49.7	68.4	18.2	1425	959	466
Ternopil'ska	4.3	3.4	42.5	46.9	1.6	65.4	6	53.1	60.2	12.1	1021	767	254
Kharkivska	4.9	2.8	27.1	50.0	14.6	52.3	17	57.6	70.3	1.4	3367	2289	1078
Khersonska	3.9	0.6	34.8	56.9	0.6	59.7	17	42.0	53.8	3.3	874	599	275
Khmelnyska	3.9	21.1	51.5	19.4	0.8	62.5	2	49.6	53.7	12.2	1064	753	311
Cherkaska	4.2	1.6	24.0	56.2	10.7	70.3	39	43.8	66.4	2.9	1051	725	326
Chernivetska	4.8	6.0	29.9	57.5	0.6	31.1	-	67.1	70.6	-	1028	781	247
Chernihivska	6.5	3.5	31.5	51.9	3.5	62.9	20	55.8	71.9	2.7	811	574	237
Kyiv city	4.8	5.2	25.5	38.7	22.9	53.2	88	55.8	73.8	0.4	2414	1621	793
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		265	142	123
Incidence (crude rate)		0.8	0.9	0.7
Incidence (age-standardized, world standard)		0.7	0.8	0.6
Incidence (age-standardized, Ukrainian standard)		0.8	0.9	0.6
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		-13.6% ~~	-14.0% ~~	-12.3% ~~
Mortality: number of new cases*		153	95	58
Mortality (crude rate)		0.4	0.6	0.3
Mortality (age-standardized, world standard)		0.3	0.5	0.2
Mortality (age-standardized, Ukrainian standard)		0.4	0.6	0.3
Lived less than 1 year since the diagnosis in 2021, %		33.1	41.5	23.3
From among the newly diagnosed – diagnosed post mortem, %		2.4	2.2	2.6
Microscopically verified diagnoses, %		78.5	73.2	84.6
Diagnoses verified with histology, %		77.4	72.5	82.9
Unspecified morphology, %		4.8	5.8	3.8
Patients diagnosed during the preventive medical examinations, %		4.2	4.9	3.3
Newly diagnosed patients received the anti-cancer treatment, %		62.2	60.7	63.8
- surgical treatment only, %		21.1	19.3	23.3
- combined or complex treatment, %		14.7	17.8	11.2
Incidence of children population (age 0-17 years):	cases*	53	27	26
	rate per 100 000 of children population	0.8	0.8	0.8
Mortality of children population (age 0-17 years):	cases*	13	7	6
	rate per 100 000 of children population	0.2	0.2	0.2

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	0.8	0.9	0.7	0.7	0.8	0.6	0.8	0.9	0.6	0.4	0.6	0.3	0.3	0.5	0.2	0.4	0.6	0.3
AR Krym																		
Vinnitska	0.5	0.3	0.6	0.7	0.3	1.0	0.5	0.3	0.7	0.3	0.3	0.3	0.2	0.2	0.1	0.2	0.3	0.2
Volynska	0.8	1.5	0.2	0.8	1.4	0.3	0.8	1.4	0.2	0.6	0.8	0.4	0.5	0.6	0.4	0.5	0.8	0.4
Dnipropetrovska	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.2	0.1	0.3	0.2	0.0	0.3	0.2	0.1	0.4
Donetska																		
Zhytomyrska	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5
Zakarpatska	1.2	1.0	1.4	1.2	0.9	1.5	1.2	1.1	1.4	0.6	0.2	0.9	0.5	0.1	0.9	0.6	0.2	0.9
Zaporizka	0.9	0.7	1.0	0.8	0.7	0.8	0.8	0.7	0.9	0.4	0.5	0.3	0.4	0.4	0.3	0.5	0.6	0.4
Ivano-Frankivska	0.7	0.6	0.7	0.7	0.5	0.8	0.7	0.6	0.8	0.3	0.5	0.1	0.2	0.3	0.1	0.3	0.5	0.1
Kyivska	0.7	0.6	0.7	0.6	0.5	0.7	0.6	0.7	0.7	0.2	0.4	0.1	0.2	0.3	0.1	0.2	0.4	0.1
Kirovohradska	1.0	1.2	0.8	0.5	0.7	0.4	0.8	1.0	0.7	1.0	1.9	0.2	0.7	1.4	0.1	0.9	1.8	0.1
Luhanska																		
Lvivska	0.7	0.7	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.3	0.5	0.2	0.2	0.4	0.1	0.3	0.6	0.1
Mykolaiivska	0.8	1.2	0.5	1.1	1.5	0.6	1.0	1.4	0.7	0.7	1.0	0.5	0.9	1.2	0.5	0.8	1.1	0.6
Odessa	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.5	0.5	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.0
Poltavska	0.7	0.6	0.7	0.7	1.0	0.4	0.7	0.8	0.6	0.6	0.8	0.4	0.4	0.7	0.2	0.6	0.8	0.3
Rivnenska	0.5	0.7	0.3	0.5	0.8	0.2	0.5	0.7	0.3	0.4	0.4	0.3	0.2	0.3	0.1	0.3	0.4	0.2
Sumska	0.6	0.4	0.7	0.5	0.2	0.7	0.5	0.3	0.8	0.6	0.6	0.5	0.4	0.6	0.2	0.5	0.7	0.4
Ternopil'ska	1.0	1.3	0.7	0.7	0.9	0.5	0.9	1.2	0.6	0.5	0.6	0.4	0.3	0.4	0.2	0.4	0.6	0.3
Kharkiv'ska	0.5	0.9	0.1	0.4	0.6	0.2	0.5	0.9	0.2	0.5	0.8	0.1	0.3	0.5	0.1	0.4	0.8	0.1
Kherson'ska	0.3	0.4	0.2	0.4	0.3	0.6	0.3	0.4	0.2	0.4	0.7	0.2	0.3	0.5	0.1	0.3	0.5	0.2
Khmelnitska	1.6	2.5	0.8	1.3	2.0	0.6	1.5	2.6	0.8	0.5	0.7	0.3	0.3	0.4	0.2	0.5	0.8	0.3
Cherkaska	0.9	1.1	0.6	1.1	1.0	1.2	0.9	1.1	0.8	0.6	0.8	0.5	0.4	0.4	0.4	0.5	0.8	0.3
Chernivetska	1.5	2.2	0.9	1.4	2.0	0.8	1.6	2.5	0.9	0.3	0.0	0.6	0.3	0.0	0.6	0.3	0.0	0.6
Chernihiv'ska	1.1	1.4	0.8	0.6	1.0	0.3	0.9	1.4	0.5	1.0	1.4	0.6	0.6	1.0	0.3	0.8	1.2	0.5
Kyiv city	1.0	1.1	1.0	0.8	1.1	0.5	1.0	1.2	0.8	0.7	1.1	0.3	0.6	1.0	0.2	0.8	1.3	0.3
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnitska	7	2	5				4	0	4			
Volynska	5	3	2				5	5	0			
Dnipropetrovska	16	12	4				10	8	2			
Donetska	1	0	1				0	0	0			
Zhytomyrska	3	1	2				4	2	2			
Zakarpatska	8	5	3				6	6	0			
Zaporizka	8	2	6				2	1	1			
Ivano-Frankivska	11	6	5				4	2	2			
Kyivska	7	6	1				4	3	1			
Kirovohradska	7	3	4				2	1	1			
Luhanska	0	0	0				0	0	0			
Lvivska	14	4	10				3	0	3			
Mykolaivska	3	3	0				1	1	0			
Odesska	14	7	7				7	5	2			
Poltavska	4	3	1				6	1	5			
Rivnenska	8	6	2				5	3	2			
Sumska	9	6	3				5	5	0			
Ternopil'ska	3	1	2				6	3	3			
Kharkivska	1	0	1				0	0	0			
Khersonska	1	0	1				1	1	0			
Khmelnitska	14	7	7				12	7	5			
Cherkaska	7	2	5				9	3	6			
Chernivetska	7	3	4				6	3	3			
Chernihivska	7	5	2				6	4	2			
Kyiv city	20	10	10				10	3	7			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	12.4	8.8	1.8	3.5	30.6	33.1		55.3	77.8	3.5	4098	2029	2069
AR Krym													
Vinnitska	33.3	33.3	-	16.7	-	14.3	-	50.0	85.7	16.7	155	80	75
Volynska	20.0	-	-	-	20.0	42.9	-	40.0	60.0	-	108	49	59
Dnipropetrovska	13.3	-	-	-	40.0	29.4	1	46.7	75.0	6.7	237	123	114
Donetska	-	-	-	-	100.0			100.0	100.0	-			
Zhytomyrska	33.3	-	-	-	-	28.6	-	66.7	100.0	-	118	61	57
Zakarpatska	14.3	-	-	-	57.1	35.7	-	57.1	87.5	-	136	61	75
Zaporizka	14.3	28.6	-	-	14.3	-	-	28.6	75.0	-	180	79	101
Ivano-Frankivska	-	-	-	-	80.0	12.5	-	90.0	100.0	-	106	61	45
Kyivska	16.7	33.3	-	-	-	18.2	-	50.0	71.4	-	287	117	170
Kirovohradska	-	33.3	-	-	33.3	66.7	-	33.3	42.9	-	118	54	64
Luhanska	-	-	-	-	-			-	-	-			
Lvivska	23.1	7.7	-	-	53.8	11.8	-	69.2	100.0	-	247	132	115
Mykolaivska	-	-	-	-	-	22.2	-	-	33.3	-	120	63	57
Odesska	7.7	-	-	-	38.5	-	-	53.8	50.0	7.7	313	151	162
Poltavska	25.0	-	-	-	50.0	42.9	-	75.0	75.0	-	169	81	88
Rivnenska	-	-	-	-	50.0	-	-	37.5	87.5	-	197	90	107
Sumska	11.1	11.1	11.1	22.2	22.2	33.3	-	77.8	88.9	-	150	77	73
Ternopil'ska	33.3	-	-	-	-	60.0	1	-	33.3	-	124	68	56
Kharkivska	-	-	-	-	-	61.5	-	-	100.0	-	273	129	144
Khersonska	-	-	-	-	-	66.7	-	-	-	-	80	40	40
Khmelnitska	7.7	7.7	7.7	-	15.4	41.2	-	53.8	71.4	-	200	104	96
Cherkaska	-	25.0	-	50.0	25.0	30.0	-	75.0	100.0	-	138	73	65
Chernivetska	-	28.6	-	-	-	25.0	-	42.9	71.4	-	150	84	66
Chernihivska	14.3	14.3	-	14.3	14.3	70.0	1	71.4	85.7	-	115	57	58
Kyiv city	15.8	-	5.3	-	26.3	50.0	3	63.2	85.0	15.8	377	195	182
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♿	♿	♿
Incidence: number of new cases*		2845	1251	1594
Incidence (crude rate)		8.2	7.7	8.6
Incidence (age-standardized, world standard)		4.9	5.1	4.9
Incidence (age-standardized, Ukrainian standard)		7.3	8.1	7.1
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		18.0% ↑↑	24.3% ↑↑	13.3% ↑↑
Mortality: number of new cases*		805	406	399
Mortality (crude rate)		2.3	2.5	2.1
Mortality (age-standardized, world standard)		1.3	1.6	1.1
Mortality (age-standardized, Ukrainian standard)		2.0	2.6	1.7
Lived less than 1 year since the diagnosis in 2021, %		9.3	12.1	7.0
From among the newly diagnosed – diagnosed post mortem, %		0.2	0.3	0.1
Microscopically verified diagnoses, %		98.4	98.6	98.2
Diagnoses verified with histology, %		95.3	95.4	95.3
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		32.9	29.9	35.2
Newly diagnosed patients received the anti-cancer treatment, %		90.9	89.0	92.3
- surgical treatment only, %		71.1	67.9	73.7
- combined or complex scheme of treatment, %		16.2	17.2	15.4
Incidence of children population (age 0-17 years):	cases*	7	6	1
	rate per 100 000 of children population	0.1	0.2	0.0
Mortality of children population (age 0-17 years):	cases*	2	1	1
	rate per 100 000 of children population	0.0	0.0	0.0

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	
Ukraine	8.2	7.7	8.6	4.9	5.1	4.9	7.3	8.1	7.1	2.3	2.5	2.1	1.3	1.6	1.1	2.0	2.6	1.7
AR Krym																		
Vinnitska	6.3	6.9	5.8	3.4	4.3	2.8	5.3	6.8	4.4	2.2	2.2	2.2	1.1	1.2	1.1	1.8	2.2	1.7
Volynska	5.2	3.1	7.1	3.4	2.4	4.2	5.4	4.0	6.5	1.3	1.5	1.1	0.8	1.0	0.7	1.3	1.7	1.0
Dnipropetrovska	8.4	7.7	8.9	4.8	5.2	4.7	7.3	8.1	7.0	2.1	2.2	2.0	1.1	1.4	1.0	1.7	2.1	1.5
Donetska																		
Zhytomyrska	9.2	9.5	9.1	5.8	6.6	5.7	8.6	10.5	7.9	2.3	2.7	1.9	1.3	1.8	0.8	2.0	2.7	1.4
Zakarpatska	4.6	5.0	4.2	3.4	4.1	2.8	4.6	5.8	3.8	1.9	1.7	2.2	1.3	1.4	1.1	2.0	2.2	1.9
Zaporizka	8.1	6.3	9.6	4.3	3.4	5.3	6.7	6.0	7.7	1.8	2.1	1.6	1.0	1.3	0.8	1.4	2.0	1.2
Ivano-Frankivska	6.8	7.2	6.5	4.0	4.8	3.4	6.3	7.6	5.4	2.7	2.8	2.5	1.7	2.1	1.4	2.5	3.1	2.1
Kyivska	10.1	9.3	10.7	6.4	6.4	6.7	9.4	10.3	9.4	2.4	2.0	2.8	1.4	1.3	1.6	2.2	2.3	2.3
Kirovohradska	6.8	5.6	7.9	3.9	3.5	4.5	5.9	5.9	6.3	1.8	1.0	2.5	1.0	0.7	1.2	1.6	0.9	2.0
Luhanska																		
Lvivska	7.7	7.8	7.7	4.9	5.3	4.9	7.2	8.5	6.7	2.2	2.6	1.8	1.2	1.7	0.9	2.0	2.9	1.4
Mykolaiivska	6.8	8.5	5.3	3.8	5.4	3.0	5.9	8.7	4.4	2.4	3.0	1.9	1.3	1.8	1.0	2.1	3.2	1.6
Odesska	8.0	7.8	8.2	4.7	5.2	4.4	7.0	8.0	6.5	1.2	1.3	1.1	0.7	0.9	0.5	1.1	1.3	0.9
Poltavska	10.0	9.3	10.5	5.3	5.6	5.2	8.1	9.4	7.7	3.1	3.9	2.4	1.4	2.1	0.9	2.5	4.0	1.7
Rivnenska	6.9	6.8	7.0	5.1	5.4	5.1	7.2	8.4	6.7	2.4	2.8	2.0	1.6	2.1	1.4	2.4	3.3	1.8
Sumska	8.0	6.7	9.1	4.6	4.1	5.2	6.7	6.5	7.2	1.7	1.5	2.0	0.8	0.8	0.9	1.2	1.4	1.2
Ternopil'ska	5.2	5.0	5.4	3.4	3.5	3.4	4.9	5.4	4.6	2.0	2.3	1.7	1.0	1.4	0.8	1.9	2.7	1.4
Kharkivska	8.8	8.3	9.2	4.8	5.1	4.6	7.2	8.0	7.0	3.4	3.1	3.7	1.9	2.0	1.8	3.0	3.1	2.9
Khersonska	9.7	9.5	9.9	5.7	6.4	5.1	8.8	10.1	8.1	2.9	3.0	2.8	1.8	2.0	1.6	2.6	3.2	2.3
Khmelnytska	8.4	8.2	8.5	5.4	5.9	5.1	7.6	8.8	7.0	2.3	3.0	1.7	1.3	2.1	0.6	1.9	2.9	1.1
Cherkaska	10.2	9.0	11.2	5.5	5.3	5.8	8.4	8.5	8.7	3.4	3.9	2.9	1.7	2.1	1.5	2.7	3.6	2.3
Chernivetska	3.4	3.6	3.2	2.3	2.7	2.1	3.2	3.7	2.8	0.6	0.7	0.4	0.3	0.5	0.2	0.6	0.9	0.4
Chernihivska	8.5	6.9	9.8	5.0	4.5	5.6	7.1	6.3	7.9	2.0	2.5	1.5	0.9	1.3	0.6	1.5	2.2	1.0
Kyiv city	12.1	11.3	12.8	7.6	7.6	7.8	11.1	11.8	10.9	3.3	4.1	2.7	1.8	2.5	1.4	3.0	4.4	2.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vynnytska	115	55	60				31	16	15			
Volynska	60	29	31				18	6	12			
Dnipropetrovska	206	107	99				80	38	42			
Donetska	9	5	4				1	1	0			
Zhytomyrska	101	41	60				23	13	10			
Zakarpatska	49	28	21				29	14	15			
Zaporizka	64	30	34				24	17	7			
Ivano-Frankivska	98	35	63				31	15	16			
Kyivska	133	56	77				30	15	15			
Kirovohradska	72	30	42				24	11	13			
Luhanska	7	4	3				1	1	0			
Lvivska	164	79	85				42	26	16			
Mykolaivska	18	7	11				13	7	6			
Odessa	184	84	100				27	14	13			
Poltavska	91	38	53				44	22	22			
Rivnenska	65	31	34				19	7	12			
Sumska	88	38	50				20	11	9			
Ternopil'ska	70	43	27				22	12	10			
Kharkivska	36	19	17				8	5	3			
Khersonska	41	14	27				12	7	5			
Khmelnyska	85	38	47				26	14	12			
Cherkaska	78	32	46				38	27	11			
Chernivetska	29	16	13				5	3	2			
Chernihivska	73	33	40				19	10	9			
Kyiv city	195	91	104				41	19	22			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	32.3	46.5	6.4	5.7	8.9	9.3		91.3	98.4	29.5	29574	10579	18995
AR Krym													
Vynnytska	32.3	54.8	7.5	5.4	-	5.9	-	92.5	99.1	38.7	1268	428	840
Volynska	31.0	55.2	3.4	10.3	-	6.5	-	91.4	100.0	-	608	219	389
Dnipropetrovska	36.7	38.8	6.4	3.2	14.9	6.8	1	88.3	99.5	32.4	2473	852	1621
Donetska	55.6	11.1	-	11.1	22.2			88.9	100.0	-			
Zhytomyrska	34.4	55.6	2.2	5.6	2.2	10.6	-	96.7	100.0	5.6	1015	381	634
Zakarpatska	13.6	38.6	11.4	15.9	20.5	25.9	-	86.4	98.0	20.5	604	212	392
Zaporizka	20.4	46.3	11.1	5.6	14.8	9.2	-	75.9	90.6	18.5	1587	510	1077
Ivano-Frankivska	31.9	43.6	1.1	10.6	12.8	10.6	-	92.6	99.0	3.2	850	320	530
Kyivska	28.3	52.8	11.8	5.5	1.6	8.4	-	90.6	99.2	26.8	1739	628	1111
Kirovohradska	31.8	56.1	10.6	1.5	-	7.3	-	93.9	98.6	34.8	737	247	490
Luhanska	42.9	14.3	-	-	42.9			85.7	100.0	28.6			
Lvivska	28.6	47.4	7.1	4.5	12.3	5.7	-	94.8	97.6	39.6	1891	720	1171
Mykolaivska	11.8	11.8	5.9	-	64.7	9.7	1	47.1	100.0	-	1027	354	673
Odessa	27.0	54.0	4.6	6.3	6.9	5.1	-	96.6	98.9	8.0	2013	765	1248
Poltavska	32.5	53.0	4.8	8.4	1.2	21.0	-	91.6	96.7	27.7	1332	453	879
Rivnenska	45.0	35.0	6.7	1.7	11.7	10.5	-	75.0	98.5	51.7	732	287	445
Sumska	39.5	46.9	4.9	7.4	1.2	8.1	-	92.6	100.0	29.6	922	320	602
Ternopil'ska	33.8	49.2	4.6	12.3	-	2.0	-	90.8	100.0	46.2	714	273	441
Kharkivska	11.8	29.4	11.8	2.9	44.1	10.5	-	73.5	100.0	20.6	2211	774	1437
Khersonska	20.5	56.4	10.3	10.3	2.6	9.2	-	100.0	97.6	-	979	332	647
Khmelnyska	38.8	50.0	3.8	3.8	3.8	13.3	-	95.0	98.8	38.8	919	347	572
Cherkaska	24.2	45.5	6.1	7.6	16.7	12.5	-	90.9	85.9	9.1	1123	385	738
Chernivetska	22.2	59.3	7.4	3.7	7.4	3.4	-	92.6	100.0	-	431	161	270
Chernihivska	30.3	53.0	7.6	4.5	4.5	8.6	-	100.0	100.0	31.8	808	254	554
Kyiv city	48.3	31.6	5.7	1.7	12.6	7.9	3	94.3	100.0	83.3	3591	1357	2234
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		11109	4696	6413
Incidence (crude rate)		31.9	29.0	34.4
Incidence (age-standardized, world standard)		15.7	17.7	14.7
Incidence (age-standardized, Ukrainian standard)		27.3	31.8	25.2
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		13.1% ↑↑	13.0% ↑↑	13.6% ↑↑
Mortality: number of new cases*		465	233	232
Mortality (crude rate)		1.3	1.4	1.2
Mortality (age-standardized, world standard)		0.5	0.8	0.3
Mortality (age-standardized, Ukrainian standard)		1.0	1.6	0.7
Lived less than 1 year since the diagnosis in 2021, %		2.1	2.3	1.9
From among the newly diagnosed – diagnosed post mortem, %		0.1	0.1	0.1
Microscopically verified diagnoses, %		97.6	97.9	97.5
Diagnoses verified with histology, %		80.3	80.9	79.9
Unspecified morphology, %		2.3	2.3	2.4
Patients diagnosed during the preventive medical examinations, %		43.9	43.7	44.1
Newly diagnosed patients received the anti-cancer treatment, %		88.7	89.2	88.4
- surgical treatment only, %		68.7	69.0	68.4
- combined or complex scheme of treatment, %		4.1	4.6	3.7
Incidence of children population (age 0-17 years):	cases*	2	1	1
	rate per 100 000 of children population	0.0	0.0	0.0
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	31.9	29.0	34.4	15.7	17.7	14.7	27.3	31.8	25.2	1.3	1.4	1.2	0.5	0.8	0.3	1.0	1.6	0.7
AR Krym																		
Vinnitska	31.8	29.4	33.9	14.8	16.7	13.9	26.3	30.4	24.2	3.3	3.0	3.5	1.1	1.5	0.9	2.2	3.0	1.8
Volynska	31.2	24.3	37.4	17.8	17.7	17.9	31.1	31.4	30.9	1.1	0.8	1.3	0.5	0.6	0.5	0.9	1.1	0.8
Dnipropetrovska	31.3	29.6	32.7	14.7	17.6	13.3	25.6	31.0	22.9	1.2	1.3	1.1	0.4	0.7	0.3	0.9	1.3	0.6
Donetska																		
Zhytomyrska	32.5	29.1	35.4	16.1	18.2	14.9	28.4	32.8	26.1	1.5	1.3	1.8	0.5	0.7	0.3	1.0	1.4	0.8
Zakarpatska	21.2	19.8	22.5	13.0	15.3	11.9	23.0	27.1	21.1	0.9	0.8	0.9	0.5	0.6	0.4	0.9	1.2	0.8
Zaporizka	41.2	35.6	46.0	16.6	19.9	14.8	31.0	37.4	27.7	0.9	0.8	0.9	0.3	0.5	0.2	0.6	1.1	0.4
Ivano-Frankivska	34.8	31.5	37.8	18.8	20.8	18.0	32.6	37.9	30.2	2.2	2.0	2.3	0.9	1.3	0.7	1.8	2.8	1.3
Kyivska	26.4	22.7	29.6	14.2	14.9	14.4	24.0	26.4	23.6	1.7	1.8	1.6	0.7	1.2	0.5	1.4	2.5	0.9
Kirovohradska	47.9	45.4	50.1	21.9	25.8	20.0	38.2	47.4	33.9	0.8	0.7	0.8	0.3	0.4	0.2	0.6	0.7	0.5
Luhanska																		
Lvivska	26.5	24.0	28.7	13.4	15.2	12.4	23.8	27.5	21.9	1.6	2.0	1.2	0.7	1.2	0.4	1.3	2.3	0.8
Mykolaiivska	31.5	31.2	31.8	15.0	18.8	12.7	25.8	32.1	22.1	2.7	3.0	2.4	1.0	1.7	0.6	2.0	3.5	1.3
Odessa	27.7	25.8	29.3	13.7	16.2	12.3	24.4	29.4	21.5	1.0	1.2	0.9	0.4	0.7	0.3	0.9	1.2	0.6
Poltavska	28.3	28.1	28.4	13.0	15.7	11.7	22.6	28.8	19.8	1.7	1.9	1.5	0.6	0.9	0.4	1.3	2.3	0.9
Rivnenska	21.9	20.3	23.4	13.1	15.1	12.3	23.0	27.3	21.1	1.1	1.8	0.5	0.6	1.4	0.2	1.2	2.7	0.4
Sumska	44.9	40.9	48.3	20.3	22.0	20.0	34.6	39.5	32.8	0.5	0.6	0.4	0.1	0.3	0.1	0.3	0.7	0.1
Ternopil'ska	26.7	22.8	30.1	13.4	14.5	12.9	23.3	26.0	22.2	0.6	0.6	0.6	0.2	0.4	0.1	0.4	0.8	0.2
Kharkiv'ska	29.1	27.7	30.3	13.7	16.2	12.3	23.5	28.5	20.9	1.4	1.5	1.2	0.5	0.8	0.3	1.0	1.6	0.6
Kherson'ska	44.6	40.7	48.0	22.2	25.6	21.0	37.9	45.7	34.8	1.2	1.7	0.8	0.6	1.1	0.3	1.0	1.9	0.6
Khmelnitska	34.7	29.8	38.9	16.9	17.4	17.4	28.9	30.7	28.8	1.4	1.9	0.9	0.5	1.0	0.2	1.0	1.9	0.5
Cherkaska	43.7	43.2	44.2	19.4	22.8	17.8	33.5	41.0	30.1	1.6	1.7	1.6	0.5	0.8	0.4	1.0	1.7	0.7
Chernivetska	15.9	15.3	16.4	8.6	10.3	7.4	15.3	18.1	13.4	1.5	1.0	1.9	0.6	0.6	0.5	1.3	1.4	1.2
Chernihiv'ska	40.1	36.3	43.2	17.8	20.0	17.1	30.3	35.5	28.2	0.3	0.5	0.2	0.1	0.2	0.1	0.2	0.4	0.2
Kyiv city	34.0	28.6	38.6	17.7	17.6	18.1	31.0	31.9	31.0	0.7	0.8	0.7	0.3	0.4	0.2	0.6	0.9	0.5
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnyska	606	271	335				32	11	21			
Volynska	327	123	204				7	3	4			
Dnipropetrovska	914	362	552				44	25	19			
Donetska	16	5	11				1	0	1			
Zhytomyrska	432	185	247				12	6	6			
Zakarpatska	258	118	140				4	2	2			
Zaporizka	443	178	265				15	6	9			
Ivano-Frankivska	484	239	245				20	11	9			
Kyivska	413	179	234				18	11	7			
Kirovohradska	451	197	254				5	1	4			
Luhanska	27	14	13				2	2	0			
Lvivska	848	372	476				16	8	8			
Mykolaivska	76	37	39				78	37	41			
Odessa	756	343	413				22	11	11			
Poltavska	416	170	246				14	7	7			
Rivnenska	221	108	113				1	1	0			
Sumska	411	175	236				6	3	3			
Ternopilska	290	137	153				10	4	6			
Kharkivska	109	58	51				5	3	2			
Khersonska	187	80	107				4	1	3			
Khmelnyska	496	198	298				12	5	7			
Cherkaska	523	237	286				11	4	7			
Chernivetska	126	53	73				11	5	6			
Chernihivska	383	169	214				7	2	5			
Kyiv city	771	379	392				15	6	9			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnose d post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	66.3	23.4	1.9	0.2	2.7	2.1		89.1	97.3	39.7	190754	75674	115080
AR Krym													
Vinnyska	64.5	23.4	2.6	1.0	-	3.5	-	83.6	86.0	46.1	7990	3180	4810
Volynska	57.6	37.0	0.3	-	1.7	1.8	-	92.3	100.0	0.3	4349	1656	2693
Dnipropetrovska	67.2	22.8	2.3	0.2	1.0	1.5	-	89.1	99.5	35.6	14016	5514	8502
Donetska	56.3	31.3	6.3	6.3	-			62.5	100.0	18.8			
Zhytomyrska	68.7	18.7	1.1	-	2.9	2.4	-	91.6	100.0	4.7	5844	2290	3554
Zakarpatska	52.2	35.8	3.1	-	2.2	3.8	1	84.1	97.7	15.9	4581	1985	2596
Zaporizka	81.5	13.5	2.4	-	1.0	1.4	-	81.5	99.8	52.4	11479	4240	7239
Ivano-Frankivska	67.8	22.7	1.6	-	0.2	3.0	-	91.0	96.9	4.3	6812	2792	4020
Kyivska	59.8	29.9	1.3	-	0.8	3.0	-	86.8	95.9	47.7	9269	3577	5692
Kirovohradska	71.5	19.4	3.5	0.5	-	1.0	1	88.1	98.4	53.6	5945	2337	3608
Luhanska	40.9	36.4	-	-	22.7			95.5	96.3	27.3			
Lvivska	67.8	18.0	0.4	0.4	9.2	1.8	-	92.8	98.9	49.7	12985	5332	7653
Mykolaivska	64.4	6.8	4.1	-	23.3	2.3	3	5.5	97.4	5.5	9008	3416	5592
Odessa	67.0	25.0	2.4	0.3	2.3	1.6	-	94.4	98.0	5.6	12684	5159	7525
Poltavska	48.4	38.5	3.7	-	2.1	5.2	-	92.1	97.4	29.6	8521	3378	5143
Rivnenska	53.2	30.7	2.9	-	4.4	1.7	-	60.0	98.2	81.5	3451	1341	2110
Sumska	57.5	31.0	0.8	0.3	2.9	0.7	-	80.2	96.8	97.6	8208	2927	5281
Ternopilska	63.0	24.9	3.0	0.4	0.8	1.2	-	90.6	97.6	52.5	4932	2107	2825
Kharkivska	43.2	32.6	3.2	1.1	11.6	2.2	-	76.8	100.0	11.6	14492	5867	8625
Khersonska	60.5	30.9	3.3	1.3	0.7	0.8	-	90.1	99.5	8.6	5741	2174	3567
Khmelnyska	66.1	25.7	1.3	-	0.9	1.3	-	94.4	96.4	55.3	6324	2513	3811
Cherkaska	75.2	11.6	1.6	0.5	7.1	3.3	2	93.4	95.0	6.6	8581	3436	5145
Chernivetska	54.0	33.6	5.3	-	0.9	3.1	-	94.7	79.4	4.4	3648	1517	2131
Chernihivska	72.9	24.1	1.5	-	-	2.7	-	98.5	100.0	41.3	5041	1911	3130
Kyiv city	80.9	13.3	0.6	-	2.5	1.2	1	98.8	99.7	98.2	16853	7025	9828
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		14150	114	14036
Incidence (crude rate)		40.6	0.7	75.3
Incidence (age-standardized, world standard)		24.3	0.4	43.2
Incidence (age-standardized, Ukrainian standard)		36.1	0.7	62.4
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		9.9% ↑↑	35.2% ↑	9.6% ↑↑
Mortality: number of new cases*		4769	37	4732
Mortality (crude rate)		13.7	0.2	25.4
Mortality (age-standardized, world standard)		7.1	0.1	12.1
Mortality (age-standardized, Ukrainian standard)		11.9	0.3	19.5
Lived less than 1 year since the diagnosis in 2021, %		7.9	6.7	7.9
From among the newly diagnosed – diagnosed post mortem, %		0.6	0.0	0.6
Microscopically verified diagnoses, %		95.5	94.7	95.5
Diagnoses verified with histology, %		91.0	86.8	91.0
Unspecified morphology, %		2.7	7.4	2.7
Patients diagnosed during the preventive medical examinations, %		31.9	21.1	31.9
Newly diagnosed patients received the anti-cancer treatment, %		86.3	79.8	86.4
- surgical treatment only, %		12.7	23.1	12.6
- combined or complex scheme of treatment, %		51.1	44.2	51.2
Incidence of children population (age 0-17 years):	cases*	1	0	1
	rate per 100 000 of children population	0.0	-	0.0
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	40.6	0.7	75.3	24.3	0.4	43.2	36.1	0.7	62.4	13.7	0.2	25.4	7.1	0.1	12.1	11.9	0.3	19.5
AR Krym																		
Vinnitska	35.7	1.4	65.3	21.7	0.9	38.7	31.6	1.3	55.2	11.9	0.1	22.0	5.9	0.1	10.1	9.8	0.2	16.3
Volynska	32.3	0.6	60.6	21.8	0.5	38.8	32.1	0.8	55.8	11.7	0.4	21.8	6.9	0.4	11.5	12.2	0.7	19.6
Dnipropetrovska	45.6	0.7	83.4	26.3	0.4	45.8	39.3	0.8	66.4	13.0	0.1	23.8	6.3	0.0	10.5	10.6	0.1	17.1
Donetska																		
Zhytomyrska	36.9	1.5	67.8	23.3	1.0	41.6	33.3	1.6	58.0	15.3	0.7	28.0	8.0	0.5	13.3	13.6	0.9	21.8
Zakarpatska	27.1	0.2	52.1	18.6	0.1	33.9	27.6	0.2	49.1	13.2	0.0	25.4	8.6	0.0	15.2	13.9	0.0	24.0
Zaporizka	46.4	0.8	84.7	25.9	0.5	45.4	38.5	0.7	65.8	14.5	0.1	26.5	6.7	0.1	11.2	11.3	0.1	18.1
Ivano-Frankivska	29.3	0.6	55.0	18.5	0.5	33.2	27.7	0.6	48.6	11.3	0.3	21.1	6.4	0.2	11.0	10.6	0.3	17.7
Kyivska	41.0	0.4	75.4	26.0	0.2	46.0	38.0	0.4	65.6	13.0	0.5	23.5	7.2	0.3	11.7	11.8	0.5	18.9
Kirovohradska	44.4	1.2	81.4	25.3	0.7	44.6	37.2	1.2	64.0	18.7	0.5	34.4	8.9	0.2	14.9	15.1	0.5	24.6
Luhanska																		
Lvivska	37.0	0.6	69.8	22.9	0.4	41.4	34.2	0.6	60.2	10.5	0.0	20.0	5.8	0.0	10.1	9.6	0.0	16.3
Mykolaiivska	41.9	0.8	77.4	24.4	0.5	43.2	36.0	1.0	62.0	14.1	0.6	25.8	7.5	0.4	12.5	12.2	0.5	19.8
Odessa	40.4	0.5	76.0	24.9	0.3	44.4	36.7	0.6	64.0	10.4	0.3	19.4	5.5	0.2	9.2	9.3	0.4	15.2
Poltavska	44.1	0.5	81.6	25.2	0.3	44.9	37.1	0.5	64.5	15.9	0.3	29.3	7.9	0.2	13.6	12.7	0.3	21.0
Rivnenska	32.3	0.7	60.8	21.9	0.6	39.2	33.1	1.2	57.5	10.1	0.2	19.0	6.2	0.1	10.6	10.4	0.2	17.0
Sumska	44.6	0.0	82.5	24.6	0.0	44.1	36.6	0.0	63.9	15.6	0.0	28.8	7.1	0.0	12.0	12.2	0.0	20.0
Ternopilska	33.5	0.2	62.8	20.4	0.1	36.9	30.0	0.2	53.0	11.9	0.4	22.0	6.4	0.2	10.9	10.5	0.6	17.3
Kharkivska	44.4	0.7	82.3	25.1	0.4	44.3	37.7	0.6	64.6	18.7	0.4	34.5	9.0	0.2	15.0	15.2	0.4	24.4
Khersonska	39.9	0.0	74.5	23.9	0.0	42.7	35.5	0.0	62.0	15.8	0.0	29.5	8.5	0.0	14.7	13.4	0.0	22.5
Khmelnitska	39.2	0.5	72.9	23.4	0.3	42.1	34.7	0.4	60.8	16.1	0.0	30.1	8.4	0.0	14.5	13.6	0.0	22.9
Cherkaska	44.7	1.5	81.5	25.0	0.9	44.2	36.9	1.5	63.6	17.4	0.2	32.0	8.1	0.1	13.9	13.5	0.2	22.4
Chernivetska	27.1	1.4	49.9	17.2	1.0	30.2	25.7	1.5	44.1	6.4	0.0	12.2	3.5	0.0	5.9	6.0	0.0	9.9
Chernihivska	42.2	0.5	77.0	23.8	0.3	42.4	34.6	0.4	60.0	10.9	0.0	20.1	5.5	0.0	9.5	8.6	0.0	14.4
Kyiv city	53.3	0.9	98.2	32.2	0.6	55.9	48.3	0.9	82.1	16.2	0.2	29.8	8.9	0.1	14.9	14.6	0.2	24.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnitska	515	6	509				160	2	158			
Volynska	317	2	315				108	0	108			
Dnipropetrovska	1250	8	1242				455	3	452			
Donetska	71	0	71				5	0	5			
Zhytomyrska	326	0	326				144	2	142			
Zakarpatska	250	5	245				104	1	103			
Zaporizka	373	4	369				139	0	139			
Ivano-Frankivska	370	2	368				188	3	185			
Kyivska	581	2	579				141	1	140			
Kirovohradska	335	3	332				146	3	143			
Luhanska	24	0	24				4	0	4			
Lvivska	837	0	837				231	6	225			
Mykolaivska	250	2	248				90	0	90			
Odesska	677	5	672				167	0	167			
Poltavska	533	4	529				184	2	182			
Rivnenska	303	0	303				121	1	120			
Sumska	390	1	389				151	0	151			
Ternopil'ska	299	1	298				143	1	142			
Kharkivska	232	1	231				35	0	35			
Khersonska	177	0	177				71	0	71			
Khmelnitska	486	3	483				166	1	165			
Cherkaska	477	3	474				186	1	185			
Chernivetska	214	2	212				42	0	42			
Chernihivska	325	2	323				98	0	98			
Kyiv city	1098	6	1092				259	1	258			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	19.8	47.3	17.7	12.0	2.8	7.9		80.1	92.9	28.8	168836	988	167848
AR Krym													
Vinnitska	21.8	48.1	16.3	13.8	-	6.7	-	83.1	86.2	37.0	7028	39	6989
Volynska	23.6	48.2	13.0	14.0	0.3	6.6	1	91.0	96.2	0.3	3719	13	3706
Dnipropetrovska	17.2	45.4	22.6	11.6	2.7	6.0	2	67.6	93.9	19.9	15059	77	14982
Donetska	21.1	47.9	19.7	11.3	-			93.0	88.7	-			
Zhytomyrska	22.3	49.7	14.2	12.6	1.3	9.0	1	85.5	99.4	2.9	5089	24	5065
Zakarpatska	17.7	39.5	22.6	19.3	-	10.9	-	88.1	95.6	25.5	3638	27	3611
Zaporizka	17.4	46.7	24.1	11.3	-	7.2	1	77.4	90.1	14.5	8238	36	8202
Ivano-Frankivska	19.8	47.0	18.3	13.5	1.1	7.2	-	75.9	90.5	2.0	4465	38	4427
Kyivska	16.4	51.8	19.3	10.6	1.3	7.5	-	80.5	90.5	39.4	9315	53	9262
Kirovohradska	19.2	51.1	15.7	14.1	-	11.1	3	70.9	86.3	34.2	4369	24	4345
Luhanska	8.3	20.8	12.5	20.8	37.5			83.3	91.7	8.3			
Lvivska	22.7	41.6	17.8	10.9	6.4	6.3	-	84.9	90.7	36.0	10443	61	10382
Mykolaivska	23.0	47.7	12.3	8.6	7.8	7.2	8	21.8	95.2	4.5	6282	29	6253
Odesska	20.3	44.1	18.8	11.9	4.5	4.6	-	88.9	92.6	4.4	12530	87	12443
Poltavska	17.2	47.5	21.0	12.6	1.0	9.3	1	73.9	94.7	28.9	6734	41	6693
Rivnenska	20.5	42.8	18.2	13.0	5.1	5.4	-	61.0	95.4	39.7	3941	36	3905
Sumska	14.2	64.3	6.8	6.5	7.4	6.9	-	79.6	92.3	72.5	5633	29	5604
Ternopil'ska	9.2	50.0	17.7	22.7	-	8.0	-	83.7	92.3	40.4	3730	22	3708
Kharkivska	7.9	31.3	31.7	23.3	4.8	12.2	6	89.4	95.7	-	14834	76	14758
Khersonska	17.6	50.3	20.0	11.5	0.6	9.8	5	82.4	96.6	9.1	5170	31	5139
Khmelnitska	17.0	64.9	10.0	7.8	-	7.5	-	84.3	92.0	44.4	5851	28	5823
Cherkaska	21.4	46.7	15.8	13.4	2.5	10.7	13	86.2	91.4	7.8	6314	60	6254
Chernivetska	22.2	41.4	18.2	17.2	0.5	3.0	-	91.6	94.4	5.9	3270	33	3237
Chernihivska	19.7	48.4	22.7	7.2	1.0	6.6	6	94.4	96.6	26.3	4552	17	4535
Kyiv city	29.4	44.0	13.0	8.4	4.8	9.6	35	89.0	95.1	72.5	18632	107	18525
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		▼▲	▼	▲
Incidence: number of new cases*		3425		3425
Incidence (crude rate)		9.8		18.4
Incidence (age-standardized, world standard)		6.6		12.3
Incidence (age-standardized, Ukrainian standard)		8.8		16.2
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		0.5% ~~		0.4% ~~
Mortality: number of new cases*		1436		1436
Mortality (crude rate)		4.1		7.7
Mortality (age-standardized, world standard)		2.5		4.6
Mortality (age-standardized, Ukrainian standard)		3.7		6.4
Lived less than 1 year since the diagnosis in 2021, %		14.8		14.8
From among the newly diagnosed – diagnosed post mortem, %		0.8		0.8
Microscopically verified diagnoses, %		97.1		97.1
Diagnoses verified with histology, %		93.6		93.6
Unspecified morphology, %		3.0		3.0
Patients diagnosed during the preventive medical examinations, %		33.3		33.3
Newly diagnosed patients received the anti-cancer treatment, %		80.0		80.0
- surgical treatment only, %		15.0		15.0
- combined or complex scheme of treatment, %		25.3		25.3
Incidence of children population (age 0-17 years):	cases*	0		0
	rate per 100 000 of children population	-		-
Mortality of children population (age 0-17 years):	cases*	0		0
	rate per 100 000 of children population	-		-

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine	9.8		18.4	6.6		12.3	8.8		16.2	4.1		7.7	2.5		4.6	3.7		6.4
AR Krym																		
Vinnitska	8.2		15.3	5.4		10.1	7.4		13.5	3.3		6.2	2.0		3.6	2.9		5.0
Volynska	8.3		15.8	5.9		10.9	8.3		14.9	5.2		9.9	3.6		6.7	5.1		9.2
Dnipropetrovska	11.2		20.5	7.7		14.4	9.9		18.2	3.5		6.5	2.2		3.8	3.0		5.3
Donetska																		
Zhytomyrska	13.9		26.1	10.1		19.3	13.0		24.6	4.2		7.8	2.8		5.1	3.8		6.9
Zakarpatska	12.1		23.3	8.8		16.6	11.9		22.1	5.5		10.6	3.9		7.2	5.5		10.0
Zaporizka	8.1		14.9	5.2		9.5	7.0		12.6	4.6		8.5	2.7		4.9	3.9		6.8
Ivano-Frankivska	9.7		18.4	6.7		12.8	8.9		16.7	5.3		10.0	3.2		5.8	4.8		8.5
Kyivska	9.8		18.0	6.6		11.9	9.0		16.0	3.2		5.9	2.1		3.6	2.9		5.0
Kirovohradska	13.0		24.2	8.4		15.6	11.2		20.3	5.9		11.0	3.7		6.8	5.1		9.2
Luhanska																		
Lvivska	10.1		19.2	7.0		13.4	9.3		17.4	3.9		7.3	2.4		4.4	3.5		6.3
Mykolaiivska	11.0		20.5	7.3		13.6	9.6		17.7	4.8		8.9	3.0		5.4	4.0		7.2
Odessa	8.9		16.8	6.1		11.6	8.1		15.0	3.1		5.8	2.0		3.7	2.8		5.1
Poltavska	12.1		22.4	8.1		15.3	10.4		19.4	5.7		10.5	3.3		6.0	4.6		8.1
Rivnenska	8.1		15.4	6.0		11.4	8.0		14.9	3.2		6.0	2.0		3.6	3.2		5.5
Sumska	8.8		16.3	5.7		10.6	7.4		13.6	4.4		8.1	2.2		3.9	3.4		5.8
Ternopil'ska	8.4		15.9	5.7		10.6	7.8		14.4	4.4		8.3	2.7		4.9	4.2		7.4
Kharkivska	9.5		17.7	6.0		11.2	8.1		14.8	4.0		7.4	2.4		4.3	3.4		6.0
Khersonska	8.9		16.6	5.7		10.5	7.8		14.1	5.0		9.3	3.0		5.4	4.3		7.6
Khmelnitska	11.3		21.1	7.8		14.7	10.2		18.9	5.1		9.5	3.0		5.4	4.4		7.8
Cherkaska	12.4		22.9	8.3		15.6	11.0		20.3	4.9		9.1	3.1		5.7	4.3		7.7
Chernivetska	5.6		10.7	3.7		6.7	5.4		9.6	1.7		3.2	1.0		1.8	1.6		2.8
Chernihivska	10.9		20.1	7.5		14.2	9.5		17.7	3.3		6.0	1.9		3.4	2.6		4.7
Kyiv city	7.8		14.4	5.0		8.8	7.0		12.3	3.8		7.1	2.4		4.2	3.4		5.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	102		102				43		43			
Volynska	68		68				30		30			
Dnipropetrovska	285		285				116		116			
Donetska	14		14				1		1			
Zhytomyrska	121		121				50		50			
Zakarpatska	104		104				64		64			
Zaporizka	76		76				23		23			
Ivano-Frankivska	113		113				48		48			
Kyivska	138		138				48		48			
Kirovohradska	102		102				38		38			
Luhanska	10		10				2		2			
Lvivska	203		203				68		68			
Mykolaivska	81		81				26		26			
Odessa	152		152				51		51			
Poltavska	128		128				58		58			
Rivnenska	74		74				36		36			
Sumska	89		89				30		30			
Ternopil'ska	84		84				29		29			
Kharkivska	43		43				8		8			
Khersonska	48		48				22		22			
Khmelnyska	169		169				69		69			
Cherkaska	119		119				52		52			
Chernivetska	63		63				8		8			
Chernihivska	70		70				42		42			
Kyiv city	171		171				52		52			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	31.0	28.3	23.3	11.4	5.6	14.8		74.4	96.6	24.2	57224		57224
AR Krym													
Vinnyska	33.3	38.7	14.0	14.0	-	13.7	-	75.3	98.0	28.0	2845		2845
Volynska	23.8	55.6	11.1	7.9	1.6	20.3	-	76.2	98.5	-	2002		2002
Dnipropetrovska	33.9	20.7	28.6	13.2	2.9	10.2	-	57.1	94.0	24.3	4392		4392
Donetska	7.1	7.1	64.3	-	21.4			78.6	100.0	-			
Zhytomyrska	40.4	21.1	24.6	12.3	1.8	16.1	-	82.5	100.0	0.9	2613		2613
Zakarpatska	27.5	21.6	38.2	10.8	2.0	26.9	1	77.5	97.1	28.4	1941		1941
Zaporizka	24.7	21.9	31.5	16.4	5.5	17.3	-	60.3	97.4	8.2	2010		2010
Ivano-Frankivska	33.9	19.6	35.7	9.8	0.9	16.5	-	89.3	99.1	2.7	1891		1891
Kyivska	35.9	22.9	29.0	12.2	-	9.6	-	78.6	97.1	44.3	3292		3292
Kirovohradska	41.7	24.0	19.8	14.6	-	22.1	1	88.5	97.1	22.9	1906		1906
Luhanska	30.0	30.0	10.0	10.0	20.0			70.0	90.0	20.0			
Lvivska	38.8	26.5	19.4	5.6	8.7	15.3	-	81.6	97.5	35.2	4073		4073
Mykolaivska	12.3	12.3	12.3	6.2	56.8	12.1	4	24.7	98.8	1.2	1939		1939
Odessa	13.9	42.4	19.2	13.9	10.6	8.5	1	84.8	93.4	3.3	4199		4199
Poltavska	33.3	40.5	22.2	3.2	0.8	14.4	-	81.0	93.0	33.3	2347		2347
Rivnenska	26.1	49.3	14.5	7.2	2.9	10.0	-	71.0	97.3	33.3	1771		1771
Sumska	38.4	27.9	19.8	12.8	1.2	8.3	-	88.4	98.9	60.5	1731		1731
Ternopil'ska	39.7	26.9	20.5	11.5	1.3	15.5	1	84.6	100.0	39.7	1786		1786
Kharkivska	16.7	14.3	35.7	16.7	16.7	12.1	2	59.5	100.0	33.3	3819		3819
Khersonska	8.7	30.4	32.6	28.3	-	25.0	1	50.0	100.0	6.5	1555		1555
Khmelnyska	31.3	50.0	9.6	7.8	-	14.5	-	72.9	93.5	30.1	2051		2051
Cherkaska	32.1	25.9	25.9	12.5	3.6	13.0	2	78.6	94.1	13.4	2474		2474
Chernivetska	27.9	6.6	41.0	21.3	3.3	8.0	-	86.9	92.1	8.2	1492		1492
Chernihivska	18.5	15.4	33.8	24.6	6.2	22.8	2	75.4	94.3	6.2	1334		1334
Kyiv city	38.8	27.6	13.8	7.2	11.8	17.9	10	73.7	100.0	52.6	3761		3761
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		▼▲	▼	▲
Incidence: number of new cases*		6382		6382
Incidence (crude rate)		18.3		34.2
Incidence (age-standardized, world standard)		10.5		18.3
Incidence (age-standardized, Ukrainian standard)		16.1		27.5
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		6.9% ↑↑		6.5% ↑↑
Mortality: number of new cases*		1436		1436
Mortality (crude rate)		4.1		7.7
Mortality (age-standardized, world standard)		2.1		3.4
Mortality (age-standardized, Ukrainian standard)		3.6		5.8
Lived less than 1 year since the diagnosis in 2021, %		9.0		9.0
From among the newly diagnosed – diagnosed post mortem, %		0.9		0.9
Microscopically verified diagnoses, %		97.6		97.6
Diagnoses verified with histology, %		96.5		96.5
Unspecified morphology, %		1.8		1.8
Patients diagnosed during the preventive medical examinations, %		27.0		27.0
Newly diagnosed patients received the anti-cancer treatment, %		85.9		85.9
- surgical treatment only, %		32.5		32.5
- combined or complex scheme of treatment, %		47.4		47.4
Incidence of children population (age 0-17 years):	cases*	1		1
	rate per 100 000 of children population	0.0		0.0
Mortality of children population (age 0-17 years):	cases*	0		0
	rate per 100 000 of children population	-		-

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine	18.3		34.2	10.5		18.3	16.1		27.5	4.1		7.7	2.1		3.4	3.6		5.8
AR Krym																		
Vinnitska	17.7		33.0	10.1		17.9	15.4		26.7	4.9		9.1	2.3		3.8	4.0		6.6
Volynska	14.0		26.6	9.0		15.9	13.5		23.5	3.0		5.6	1.7		2.8	2.9		4.7
Dnipropetrovska	20.6		37.8	11.4		19.3	17.5		29.1	3.7		6.8	1.7		2.7	3.0		4.7
Donetska																		
Zhytomyrska	19.2		36.1	11.5		20.3	17.4		30.1	3.9		7.3	2.0		3.2	3.7		5.9
Zakarpatska	11.8		22.7	7.9		14.1	12.0		21.2	4.0		7.8	2.5		4.4	4.4		7.4
Zaporizka	15.6		28.7	8.3		14.3	12.9		21.6	5.0		9.1	2.3		3.7	3.9		6.2
Ivano-Frankivska	16.1		30.5	9.7		17.3	14.8		25.9	3.7		7.0	2.0		3.5	3.3		5.7
Kyivska	20.9		38.6	12.5		21.5	19.1		32.2	4.1		7.5	2.1		3.3	3.8		5.9
Kirovohradska	23.5		43.7	13.3		23.3	19.5		33.5	3.9		7.3	2.0		3.3	3.1		5.1
Luhanska																		
Lvivska	18.1		34.5	10.6		18.9	16.6		28.8	3.7		7.0	1.9		3.3	3.3		5.5
Mykolaiivska	16.0		29.8	8.5		14.6	13.8		23.1	2.9		5.5	1.4		2.3	2.5		3.9
Odesska	16.6		31.4	10.0		17.5	15.1		26.0	2.2		4.1	1.2		2.0	1.9		3.2
Poltavska	21.6		40.3	11.6		20.1	18.1		30.7	5.2		9.7	2.4		4.0	4.4		7.1
Rivnenska	16.4		31.2	10.8		19.2	16.6		28.7	3.2		6.2	2.0		3.3	3.4		5.6
Sumska	20.7		38.3	10.6		18.4	16.3		27.8	4.6		8.6	2.3		3.9	3.6		6.1
Ternopil'ska	18.9		35.5	11.3		20.3	17.2		30.1	4.3		8.1	2.3		4.0	4.1		6.8
Kharkivska	16.1		30.0	8.7		15.0	13.6		22.8	4.9		9.2	2.3		3.7	4.1		6.4
Khersonska	17.6		32.9	9.9		17.0	15.2		25.7	4.8		9.0	2.3		3.8	4.2		6.7
Khmelnitska	19.7		36.9	11.0		19.5	16.4		28.5	5.0		9.3	2.3		3.8	4.2		6.8
Cherkaska	22.8		42.3	12.2		21.4	18.4		31.6	5.4		9.9	2.5		4.3	4.1		6.7
Chernivetska	13.5		25.6	8.3		14.6	12.9		22.3	1.6		3.0	0.9		1.5	1.4		2.4
Chernihivska	20.8		38.2	10.6		18.3	16.1		27.2	6.6		12.2	3.0		4.9	5.0		8.0
Kyiv city	20.6		38.2	12.1		20.7	19.1		32.1	4.7		8.7	2.4		4.0	4.4		7.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
Ukraine												
AR Krym												
Vinnitska	256		256				49		49			
Volynska	155		155				24		24			
Dnipropetrovska	550		550				110		110			
Donetska	21		21				0		0			
Zhytomyrska	192		192				44		44			
Zakarpatska	130		130				30		30			
Zaporizka	153		153				37		37			
Ivano-Frankivska	225		225				56		56			
Kyivska	292		292				44		44			
Kirovohradska	171		171				31		31			
Luhanska	9		9				3		3			
Lvivska	456		456				88		88			
Mykolaivska	101		101				27		27			
Odesska	277		277				58		58			
Poltavska	238		238				74		74			
Rivnenska	184		184				37		37			
Sumska	144		144				45		45			
Ternopil'ska	172		172				36		36			
Kharkivska	91		91				18		18			
Khersonska	77		77				19		19			
Khmelnitska	239		239				43		43			
Cherkaska	219		219				45		45			
Chernivetska	85		85				11		11			
Chernihivska	178		178				41		41			
Kyiv city	453		453				79		79			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the pre- ventive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	▲
Ukraine	66.3	9.1	9.4	5.3	4.7	9.0		83.7	97.1	23.4	87495		87495
AR Krym													
Vinnitska	68.3	13.2	9.7	3.1	-	7.3	-	89.0	96.9	13.2	4340		4340
Volynska	66.4	12.1	8.6	7.1	0.7	9.5	1	92.1	99.4	-	2230		2230
Dnipropetrovska	75.8	7.2	9.3	4.5	2.1	6.2	4	73.4	97.6	6.0	6712		6712
Donetska	38.1	14.3	28.6	14.3	-			90.5	85.7	4.8			
Zhytomyrska	71.8	7.2	9.4	3.9	1.7	6.7	-	90.1	100.0	1.1	2849		2849
Zakarpatska	73.6	5.8	7.4	4.1	3.3	17.0	4	91.7	99.2	33.1	1819		1819
Zaporizka	67.2	8.2	9.0	5.2	5.2	8.8	1	73.1	95.4	6.7	4238		4238
Ivano-Frankivska	65.4	6.3	10.6	6.3	2.9	9.6	2	90.9	96.9	0.5	2719		2719
Kyivska	68.8	7.0	13.2	5.9	0.4	6.5	-	87.1	96.9	34.9	5183		5183
Kirovohradska	71.8	15.4	8.3	1.3	-	7.9	5	91.7	94.2	17.9	2886		2886
Luhanska	33.3	11.1	-	-	55.6			88.9	100.0	22.2			
Lvivska	67.7	5.4	11.5	5.4	4.7	9.3	-	90.4	97.4	29.0	5468		5468
Mykolaivska	21.4	9.2	5.1	7.1	56.1	6.0	3	51.0	99.0	1.0	2626		2626
Odesska	51.2	19.5	5.5	7.4	9.4	8.2	2	84.8	96.4	3.9	5271		5271
Poltavska	73.9	8.1	6.8	5.9	1.8	14.2	-	82.9	95.8	18.9	3768		3768
Rivnenska	68.4	17.8	4.6	1.7	4.0	2.8	-	71.8	97.8	46.6	2342		2342
Sumska	63.7	8.1	11.9	5.2	3.0	6.6	-	88.9	95.1	67.4	2847		2847
Ternopil'ska	75.5	2.5	8.2	8.2	0.6	7.1	1	91.2	97.7	37.7	2941		2941
Kharkivska	58.3	4.8	7.1	13.1	9.5	11.2	1	66.7	100.0	11.9	7337		7337
Khersonska	52.2	10.1	10.1	15.9	1.4	9.9	2	71.0	96.1	13.0	2266		2266
Khmelnitska	61.0	16.5	13.8	3.7	-	8.3	-	86.7	95.8	21.6	3135		3135
Cherkaska	69.0	5.4	8.9	5.4	5.4	16.0	6	85.2	94.1	7.4	3182		3182
Chernivetska	62.7	8.0	12.0	8.0	2.7	4.5	-	88.0	96.5	14.7	1951		1951
Chernihivska	63.8	10.6	10.0	5.0	5.6	12.6	5	90.6	98.9	16.9	2642		2642
Kyiv city	65.1	5.9	9.3	3.3	9.0	11.0	14	81.0	98.2	78.6	8743		8743
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		3172		3172
Incidence (crude rate)		9.1		17.0
Incidence (age-standardized, world standard)		5.7		10.3
Incidence (age-standardized, Ukrainian standard)		8.1		14.3
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		1.3%		1.3%
		~		~
Mortality: number of new cases*		1555		1555
Mortality (crude rate)		4.5		8.3
Mortality (age-standardized, world standard)		2.5		4.4
Mortality (age-standardized, Ukrainian standard)		3.9		6.7
Lived less than 1 year since the diagnosis in 2021, %		21.2		21.2
From among the newly diagnosed – diagnosed post mortem, %		1.4		1.4
Microscopically verified diagnoses, %		89.0		89.0
Diagnoses verified with histology, %		81.6		81.6
Unspecified morphology, %		5.7		5.7
Patients diagnosed during the preventive medical examinations, %		11.3		11.3
Newly diagnosed patients received the anti-cancer treatment, %		78.8		78.8
- surgical treatment only, %		13.7		13.7
- combined or complex scheme of treatment, %		48.9		48.9
Incidence of children population (age 0-17 years):	cases*	20		20
	rate per 100 000 of children population	0.3		0.6
Mortality of children population (age 0-17 years):	cases*	1		1
	rate per 100 000 of children population	0.0		0.0

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	9.1		17.0	5.7		10.3	8.1		14.3	4.5		8.3	2.5		4.4	3.9		6.7
AR Krym																		
Vinnyska	8.3		15.4	4.9		9.0	7.1		12.7	4.3		8.1	2.3		4.0	3.6		6.1
Volynska	9.0		17.1	6.5		12.0	9.0		16.3	3.6		6.9	2.5		4.4	3.7		6.5
Dnipropetrovska	9.3		17.2	5.8		10.2	8.2		14.2	3.6		6.7	2.0		3.5	3.2		5.2
Donetska																		
Zhytomyrska	8.6		16.1	5.4		9.9	7.9		14.2	3.7		7.0	2.3		4.0	3.5		6.1
Zakarpatska	7.5		14.4	5.4		9.9	7.4		13.5	5.0		9.6	3.3		5.9	5.0		8.9
Zaporizka	8.0		14.7	4.7		8.5	6.6		11.6	4.1		7.5	2.3		4.1	3.5		5.9
Ivano-Frankivska	7.9		15.0	5.0		9.0	7.5		13.1	5.0		9.6	3.0		5.3	4.7		8.1
Kyivska	9.5		17.5	6.3		11.4	8.6		15.2	3.4		6.3	2.0		3.4	3.2		5.3
Kirovohradska	8.7		16.2	5.4		9.8	7.5		13.3	5.0		9.3	2.7		4.7	4.0		6.8
Luhanska																		
Lvivska	10.7		20.4	7.0		13.0	9.9		17.8	4.8		9.2	2.8		4.8	4.5		7.7
Mykolaiivska	8.1		15.0	4.7		8.3	6.9		11.8	3.4		6.3	1.7		2.9	2.7		4.5
Odessa	7.4		14.1	4.8		8.6	6.7		11.9	2.1		4.0	1.3		2.4	2.0		3.4
Poltavska	9.7		18.1	5.8		10.4	8.3		14.5	4.8		8.9	2.7		4.8	4.0		7.0
Rivnenska	9.0		17.2	6.3		11.5	8.9		16.0	5.3		10.0	3.4		5.8	5.7		9.6
Sumska	9.8		18.1	5.7		10.4	8.1		14.5	5.6		10.4	2.8		4.8	4.2		7.2
Ternopil'ska	6.9		12.9	4.1		7.4	6.0		10.5	4.5		8.5	2.5		4.4	3.9		6.6
Kharkiv'ska	9.2		17.1	5.3		9.5	7.8		13.6	5.6		10.4	2.9		5.1	4.6		7.7
Kherson'ska	8.5		15.9	5.5		9.9	7.6		13.6	5.6		10.5	3.2		5.6	4.9		8.3
Khmelnitska	9.0		16.8	5.3		9.5	7.8		13.6	5.6		10.5	3.1		5.4	4.7		8.1
Cherkaska	9.9		18.3	6.4		11.8	8.3		15.0	5.0		9.3	2.9		5.1	4.0		6.9
Chernivetska	8.1		15.4	5.1		9.1	7.4		13.0	3.2		6.0	1.8		3.2	2.9		4.9
Chernihiv'ska	12.4		22.8	6.9		12.3	10.1		17.4	5.9		10.8	2.9		5.0	4.6		7.6
Kyiv city	11.0		20.4	7.1		12.5	10.2		17.6	5.1		9.5	2.9		5.0	4.7		7.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnitska	111		111				59		59			
Volynska	75		75				49		49			
Dnipropetrovska	285		285				148		148			
Donetska	21		21				0		0			
Zhytomyrska	92		92				31		31			
Zakarpatska	76		76				46		46			
Zaporizka	78		78				26		26			
Ivano-Frankivska	90		90				57		57			
Kyivska	129		129				51		51			
Kirovohradska	86		86				43		43			
Luhanska	8		8				4		4			
Lvivska	221		221				82		82			
Mykolaivska	49		49				14		14			
Odesska	151		151				47		47			
Poltavska	118		118				57		57			
Rivnenska	84		84				57		57			
Sumska	84		84				40		40			
Ternopil'ska	86		86				48		48			
Kharkiv'ska	60		60				10		10			
Kherson'ska	52		52				16		16			
Khmelnitska	111		111				64		64			
Cherkaska	103		103				49		49			
Chernivetska	49		49				20		20			
Chernihiv'ska	79		79				56		56			
Kyiv city	208		208				62		62			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine													
AR Krym	29.0	9.7	36.6	23.7	-	22.1	-	73.1	87.4	4.3	1404		1404
Vinnitska	21.7	13.0	40.6	18.8	5.8	19.3	1	79.7	92.0	-	886		886
Volynska	10.2	9.0	44.4	28.9	5.3	19.7	-	70.7	88.8	1.9	2347		2347
Dnipropetrovska	23.8	-	47.6	19.0	9.5			95.2	95.2	-			
Donetska	18.8	12.5	37.5	26.3	2.5	16.3	1	88.8	97.8	1.3	1005		1005
Zhytomyrska	25.0	-	40.3	27.8	4.2	35.6	4	77.8	84.2	6.9	738		738
Zakarpatska	19.2	11.0	37.0	28.8	4.1	20.5	1	69.9	71.8	4.1	1470		1470
Zaporizka	20.3	5.1	35.4	31.6	5.1	26.0	1	87.3	94.4	-	873		873
Ivano-Frankivska	23.4	4.8	47.6	21.8	1.6	9.6	-	79.8	85.3	17.7	1996		1996
Kyivska	27.5	5.0	55.0	10.0	-	24.3	1	85.0	86.0	1.3	940		940
Kirovohradska	-	-	12.5	12.5	75.0			100.0	100.0	-			
Luhanska	27.9	5.9	44.6	10.3	9.3	18.2	1	84.8	92.3	8.8	2275		2275
Lvivska	12.5	-	27.1	20.8	39.6	18.2	3	37.5	87.8	-	999		999
Mykolaiv'ska	22.2	6.7	45.2	16.3	8.9	10.4	-	90.4	89.4	2.2	2247		2247
Odesska	22.3	4.9	51.5	20.4	1.0	20.5	-	81.6	89.8	17.5	1281		1281
Poltavska	11.7	18.2	42.9	19.5	6.5	15.3	-	79.2	77.4	18.2	956		956
Rivnenska	28.9	6.6	44.7	11.8	6.6	33.7	-	85.5	94.0	15.8	1124		1124
Sumska	11.4	13.9	45.6	25.3	-	33.3	-	86.1	95.3	15.2	921		921
Ternopil'ska	15.8	7.0	26.3	36.8	14.0	23.2	1	75.4	80.0	1.8	2623		2623
Kharkiv'ska	20.8	2.1	45.8	25.0	6.3	21.6	1	77.1	67.3	12.5	792		792
Kherson'ska	16.7	11.8	63.7	7.8	-	30.1	1	79.4	82.9	11.8	1091		1091
Khmelnitska	30.7	11.4	40.9	13.6	3.4	23.9	5	78.4	89.3	2.3	1320		1320
Cherkaska	15.2	4.3	54.3	23.9	2.2	26.1	-	80.4	91.8	-	654		654
Chernivetska	26.8	2.8	32.4	33.8	4.2	20.8	2	85.9	94.9	9.9	902		902
Chernihiv'ska	17.6	9.3	41.2	11.0	19.8	22.6	17	75.3	90.4	32.4	2910		2910
Kyiv city													
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		7220	7220	
Incidence (crude rate)		20.7	44.6	
Incidence (age-standardized, world standard)		9.9	26.7	
Incidence (age-standardized, Ukrainian standard)		18.3	51.2	
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		11.4% ↑↑	12.7% ↑↑	
Mortality: number of new cases*		2846	2846	
Mortality (crude rate)		8.2	17.6	
Mortality (age-standardized, world standard)		3.5	10.1	
Mortality (age-standardized, Ukrainian standard)		7.0	20.8	
Lived less than 1 year since the diagnosis in 2021, %		12.8	12.8	
From among the newly diagnosed – diagnosed post mortem, %		1.0	1.0	
Microscopically verified diagnoses, %		90.7	90.7	
Diagnoses verified with histology, %		87.9	87.9	
Unspecified morphology, %		2.6	2.6	
Patients diagnosed during the preventive medical examinations, %		9.6	9.6	
Newly diagnosed patients received the anti-cancer treatment, %		78.3	78.3	
- surgical treatment only, %		19.3	19.3	
- combined or complex scheme of treatment, %		13.1	13.1	
Incidence of children population (age 0-17 years):	cases*	1	1	
	rate per 100 000 of children population	0.0	0.0	
Mortality of children population (age 0-17 years):	cases*	0	0	
	rate per 100 000 of children population	-	-	

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	20.7	44.6		9.9	26.7		18.3	51.2		8.2	17.6		3.5	10.1		7.0	20.8	
AR Krym																		
Vinnytska	20.3	43.8		9.5	24.8		17.5	47.5		9.3	20.0		3.6	10.2		7.2	21.5	
Volynska	15.7	33.3		9.0	24.2		16.8	47.0		7.2	15.2		3.7	10.9		7.4	22.4	
Dnipropetrovska	21.7	47.6		10.0	28.0		18.3	52.9		6.9	15.1		2.9	8.5		5.6	16.9	
Donetska																		
Zhytomyrska	19.9	42.7		9.5	25.9		17.3	48.8		7.4	15.8		3.3	9.4		6.4	18.6	
Zakarpatska	13.6	28.3		8.1	21.0		15.1	40.3		7.7	15.9		4.4	12.0		9.1	25.6	
Zaporizka	22.5	49.4		9.6	27.2		17.8	52.2		8.9	19.4		3.3	10.3		6.9	21.8	
Ivano-Frankivska	20.9	44.2		10.8	28.8		20.1	55.3		9.0	19.0		4.1	11.8		8.3	24.9	
Kyivska	12.9	28.2		6.8	18.7		12.3	35.3		6.8	14.8		3.2	9.6		6.3	19.5	
Kirovohradska	23.3	50.5		10.7	28.5		19.2	53.0		10.6	22.9		4.1	11.8		8.1	24.2	
Luhanska																		
Lvivska	22.6	47.8		11.3	29.9		21.8	59.2		7.2	15.3		3.3	9.2		6.7	19.3	
Mykolaivska	19.5	42.1		8.6	24.1		16.7	48.1		7.8	16.8		3.3	9.6		6.8	20.7	
Odesska	21.6	45.9		10.8	28.6		19.9	54.4		4.6	9.8		2.1	5.9		4.3	12.2	
Poltavska	21.0	45.4		9.3	25.1		16.9	47.0		9.6	20.8		3.7	10.8		7.4	22.1	
Rivnenska	13.2	27.7		7.8	20.2		13.7	36.8		6.1	12.7		3.2	9.3		6.5	19.6	
Sumska	23.1	50.4		9.7	25.9		17.5	48.3		9.2	20.0		3.4	9.8		7.1	21.0	
Ternopilska	19.2	40.9		9.5	25.2		17.8	49.1		8.5	18.2		3.9	10.7		7.5	21.4	
Kharkivska	23.3	50.1		10.3	28.9		19.4	55.9		9.3	20.1		3.9	11.3		7.7	22.9	
Khersonska	23.4	50.4		11.0	29.9		20.2	57.3		9.0	19.4		3.9	11.3		7.7	23.0	
Khmelnyska	21.3	45.8		9.9	26.2		18.4	50.7		9.6	20.5		4.1	11.4		8.0	23.1	
Cherkaska	26.2	56.9		10.7	28.8		20.3	56.2		10.7	23.3		3.7	11.0		7.8	23.6	
Chernivetska	14.1	29.9		7.2	19.1		13.5	37.2		4.5	9.6		2.1	5.9		4.2	12.1	
Chernihivska	21.7	47.7		9.0	25.1		16.8	48.9		9.6	21.1		3.7	10.7		7.3	22.3	
Kyiv city	24.6	53.4		12.1	32.1		22.7	61.5		10.4	22.6		4.6	12.5		9.1	25.6	
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnitska	282	282					126	126				
Volynska	189	189					88	88				
Dnipropetrovska	589	589					270	270				
Donetska	15	15					1	1				
Zhytomyrska	243	243					73	73				
Zakarpatska	144	144					74	74				
Zaporizka	156	156					84	84				
Ivano-Frankivska	266	266					121	121				
Kyivska	223	223					90	90				
Kirovohradska	198	198					95	95				
Luhanska	8	8					9	9				
Lvivska	538	538					195	195				
Mykolaivska	133	133					38	38				
Odesska	408	408					94	94				
Poltavska	269	269					123	123				
Rivnenska	163	163					76	76				
Sumska	272	272					91	91				
Ternopil'ska	183	183					80	80				
Kharkiv'ska	106	106					30	30				
Kherson'ska	107	107					35	35				
Khmelnitska	248	248					139	139				
Cherkaska	298	298					122	122				
Chernivetska	89	89					25	25				
Chernihiv'ska	173	173					81	81				
Kyiv city	526	526					151	151				
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	0.3	34.7	17.0	33.3	14.4	12.8		74.9	89.6	7.6	50717	50716	1
AR Krym													
Vinnitska	2.1	36.0	18.0	42.3	0.8	14.7	1	77.0	85.1	14.6	1995	1995	
Volynska	0.6	32.9	12.4	37.6	15.9	11.7	-	89.4	88.9	-	1181	1181	
Dnipropetrovska	0.2	43.8	10.8	35.3	9.9	10.8	6	64.4	91.5	1.7	3884	3884	
Donetska	-	-	-	20.0	80.0			100.0	86.7	-			
Zhytomyrska	0.5	29.1	15.5	48.4	6.6	12.7	-	54.5	97.1	0.5	1292	1292	
Zakarpatska	0.7	23.9	11.9	50.7	11.9	20.0	3	61.9	92.4	-	939	939	
Zaporizka	-	33.3	14.2	31.2	21.3	12.2	-	62.4	79.5	6.4	2354	2354	
Ivano-Frankivska	-	46.0	23.2	20.7	10.1	9.8	1	90.3	92.9	1.3	1702	1702	
Kyivska	0.9	37.0	13.3	31.3	17.5	18.2	-	65.4	80.3	6.6	2073	2073	
Kirovohradska	-	45.4	12.6	37.4	4.0	19.3	6	66.7	95.5	4.0	1330	1330	
Luhanska	-	14.3	28.6	42.9	14.3			71.4	87.5	-			
Lvivska	0.2	34.1	25.3	28.3	11.9	10.8	-	85.5	94.1	6.1	3972	3972	
Mykolaivska	-	8.5	9.2	6.9	74.6	10.1	7	10.0	99.2	-	1961	1961	
Odesska	0.3	28.4	17.4	30.0	23.7	4.7	-	81.6	96.8	0.3	4309	4309	
Poltavska	-	25.0	28.6	45.6	0.8	19.5	1	69.8	93.3	2.8	1664	1663	
Rivnenska	-	26.8	10.1	4.0	59.1	10.7	-	34.9	81.0	4.0	942	942	
Sumska	-	61.3	4.5	28.4	5.3	11.6	1	66.7	87.1	7.8	1377	1377	
Ternopil'ska	-	16.4	32.8	49.7	1.1	13.1	-	88.1	78.1	15.3	1320	1320	
Kharkiv'ska	-	11.9	12.9	53.5	20.8	13.7	2	70.3	93.4	-	4504	4504	
Kherson'ska	-	31.9	11.7	56.4	-	14.6	2	97.9	91.6	3.2	2180	2180	
Khmelnitska	0.4	48.9	29.9	13.4	6.9	19.3	1	85.3	88.3	5.6	1397	1397	
Cherkaska	-	21.5	24.1	50.7	3.7	11.6	6	87.8	77.2	0.7	1964	1964	
Chernivetska	-	43.9	7.3	31.7	17.1	8.8	-	86.6	94.4	-	1085	1085	
Chernihiv'ska	-	42.8	12.6	40.3	2.5	17.8	5	78.0	85.5	18.9	1058	1058	
Kyiv city	-	36.9	13.5	23.1	26.5	13.1	22	91.4	89.2	39.0	6234	6234	
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		4026	2316	1710
Incidence (crude rate)		11.6	14.3	9.2
Incidence (age-standardized, world standard)		6.9	9.5	5.0
Incidence (age-standardized, Ukrainian standard)		10.2	14.5	7.4
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		5.3% ↑	4.8% ~~	5.9% ~~
Mortality: number of new cases*		1619	1061	558
Mortality (crude rate)		4.7	6.6	3.0
Mortality (age-standardized, world standard)		2.5	4.2	1.3
Mortality (age-standardized, Ukrainian standard)		4.1	6.9	2.2
Lived less than 1 year since the diagnosis in 2021, %		22.1	24.6	18.6
From among the newly diagnosed – diagnosed post mortem, %		2.1	2.3	1.8
Microscopically verified diagnoses, %		73.6	71.8	76.1
Diagnoses verified with histology, %		72.8	70.9	75.5
Unspecified morphology, %		4.8	5.2	4.4
Patients diagnosed during the preventive medical examinations, %		11.2	9.4	13.5
Newly diagnosed patients received the anti-cancer treatment, %		71.7	69.8	74.3
- surgical treatment only, %		56.6	52.0	63.1
- combined or complex scheme of treatment, %		8.1	9.2	6.6
Incidence of children population (age 0-17 years):	cases*	43	22	21
	rate per 100 000 of children population	0.7	0.7	0.7
Mortality of children population (age 0-17 years):	cases*	7	5	2
	rate per 100 000 of children population	0.1	0.2	0.1

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	11.6	14.3	9.2	6.9	9.5	5.0	10.2	14.5	7.4	4.7	6.6	3.0	2.5	4.2	1.3	4.1	6.9	2.2
AR Krym																		
Vinnitska	14.6	18.9	10.8	8.9	12.3	6.2	12.9	18.2	9.0	6.0	8.2	4.1	3.1	5.0	1.8	5.1	8.2	3.0
Volynska	13.9	16.8	11.3	9.3	12.5	6.9	14.2	19.6	10.5	6.2	8.7	3.9	3.8	6.4	2.0	6.4	10.7	3.6
Dnipropetrovska	10.9	13.2	8.9	6.3	8.7	4.7	9.3	13.4	6.7	4.0	5.9	2.5	1.9	3.6	0.9	3.4	6.1	1.8
Donetska																		
Zhytomyrska	11.6	13.8	9.7	7.4	9.7	5.8	10.4	14.0	8.1	3.0	4.0	2.1	1.7	2.6	1.0	2.6	4.1	1.5
Zakarpatska	7.4	8.9	6.1	5.2	6.6	4.0	7.4	9.7	5.6	3.1	4.2	2.2	2.2	3.4	1.2	3.4	5.0	2.0
Zaporizka	13.3	17.5	9.8	7.3	10.5	5.2	11.0	16.9	7.5	5.6	7.5	3.9	2.5	4.2	1.4	4.4	7.2	2.8
Ivano-Frankivska	10.2	14.6	6.2	6.6	10.3	3.9	9.6	15.6	5.4	3.9	5.8	2.3	2.1	3.8	1.0	3.6	6.6	1.7
Kyivska	9.7	11.0	8.6	6.0	7.6	4.9	8.9	11.7	7.3	3.7	5.3	2.5	2.1	3.5	1.2	3.5	5.9	2.1
Kirovohradska	13.4	17.9	9.5	7.3	11.4	4.4	11.2	17.8	6.9	6.2	8.7	4.1	2.9	5.0	1.6	5.0	8.8	2.8
Luhanska																		
Lvivska	12.0	14.5	9.8	7.4	9.9	5.5	11.0	14.8	8.4	4.1	5.6	2.8	2.2	3.6	1.3	3.8	6.3	2.3
Mykolaiivska	11.0	13.2	9.1	6.0	8.6	4.0	9.4	13.4	6.5	4.0	5.3	2.9	2.0	3.3	1.1	3.4	5.4	2.0
Odessa	8.7	10.6	7.0	5.5	7.6	3.9	7.9	11.2	5.8	2.7	3.9	1.5	1.4	2.6	0.6	2.5	4.6	1.1
Poltavska	14.1	18.3	10.4	7.8	11.2	5.4	11.7	17.6	7.9	5.7	6.6	4.8	2.7	3.8	2.0	4.4	6.2	3.3
Rivnenska	11.7	14.0	9.5	8.0	10.8	6.0	11.8	15.9	8.9	5.4	8.3	2.7	3.5	6.5	1.5	5.4	10.2	2.5
Sumska	13.0	13.5	12.5	6.5	7.8	5.7	10.0	12.1	8.7	4.6	6.7	2.7	2.1	3.7	0.9	3.5	5.9	1.8
Ternopil'ska	14.3	16.6	12.4	9.1	10.8	8.1	12.8	16.2	10.6	6.3	8.8	4.1	3.5	5.6	2.0	5.6	8.7	3.4
Kharkivska	12.8	15.8	10.2	7.8	11.0	5.4	10.9	15.5	7.7	5.3	7.6	3.4	2.9	4.9	1.4	4.4	7.4	2.4
Khersonska	10.2	12.3	8.4	6.1	8.3	4.5	8.9	12.6	6.7	4.5	6.2	3.0	2.6	4.5	1.3	3.8	6.5	2.1
Khmelnitska	9.4	13.5	5.8	5.6	8.7	3.2	8.0	12.7	4.6	6.2	9.8	3.1	3.5	5.9	1.9	5.2	9.6	2.3
Cherkaska	13.8	18.0	10.3	7.3	10.7	4.7	11.1	16.4	7.3	6.6	8.8	4.6	2.9	4.9	1.7	5.1	8.7	3.0
Chernivetska	6.0	6.9	5.1	3.8	4.8	3.2	5.8	8.0	4.4	2.0	2.9	1.3	1.3	1.9	1.0	1.9	3.2	1.2
Chernihivska	14.3	19.2	10.2	7.8	11.4	5.3	11.3	16.7	7.5	6.2	9.5	3.5	3.0	5.3	1.3	4.8	9.0	2.3
Kyiv city	11.5	13.6	9.7	6.9	9.0	5.4	10.5	14.3	7.9	4.6	6.6	2.8	2.4	4.3	1.1	4.2	7.4	2.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vynnytska	187	114	73				57	40	17			
Volynska	140	94	46				56	39	17			
Dnipropetrovska	305	183	122				135	88	47			
Donetska	6	3	3				1	0	1			
Zhytomyrska	121	65	56				32	19	13			
Zakarpatska	80	52	28				35	19	16			
Zaporizka	101	63	38				43	32	11			
Ivano-Frankivska	128	76	52				42	32	10			
Kyivska	137	73	64				46	31	15			
Kirovohradska	106	64	42				63	41	22			
Luhanska	3	3	0				2	2	0			
Lvivska	300	196	104				80	55	25			
Mykolaivska	36	22	14				17	10	7			
Odessa	166	89	77				43	34	9			
Poltavska	164	102	62				71	50	21			
Rivnenska	131	85	46				56	33	23			
Sumska	158	82	76				41	26	15			
Ternopilska	121	67	54				50	32	18			
Kharkivska	64	40	24				16	10	6			
Khersonska	46	26	20				16	8	8			
Khmelnyska	136	90	46				61	42	19			
Cherkaska	146	87	59				51	35	16			
Chernivetska	54	35	19				11	7	4			
Chernihivska	109	65	44				54	37	17			
Kyiv city	180	102	78				71	43	28			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	36.5	16.7	13.3	28.0	4.6	22.1		71.1	70.3	11.2	42165	21871	20294
AR Krym													
Vynnytska	45.9	16.2	12.2	25.0	-	19.3	3	66.2	56.1	10.8	1951	999	952
Volynska	33.9	17.7	9.7	34.7	3.2	31.6	2	79.8	65.7	-	1304	653	651
Dnipropetrovska	31.7	15.9	23.2	24.4	3.3	18.7	1	66.1	72.1	1.5	3101	1534	1567
Donetska	-	20.0	20.0	60.0	-			80.0	83.3	-			
Zhytomyrska	52.8	14.8	4.6	26.9	0.9	10.6	-	90.7	85.1	0.9	1451	727	724
Zakarpatska	28.6	17.1	7.1	42.9	2.9	25.0	2	70.0	73.8	-	895	467	428
Zaporizka	37.8	7.8	13.3	36.7	4.4	21.4	3	48.9	57.4	4.4	1969	1001	968
Ivano-Frankivska	29.3	19.5	8.1	42.3	0.8	20.9	1	73.2	76.6	-	1366	719	647
Kyivska	31.3	22.1	22.1	19.1	2.3	17.6	-	67.9	73.0	9.9	2187	1091	1096
Kirovohradska	33.3	28.7	6.9	31.0	-	35.2	6	48.3	50.9	4.6	1019	465	554
Luhanska	33.3	-	66.7	-	-			100.0	100.0	-			
Lvivska	51.6	12.1	9.9	15.0	9.2	20.4	-	79.9	82.3	19.0	3169	1751	1418
Mykolaivska	19.4	13.9	8.3	41.7	16.7	22.5	11	16.7	69.4	-	1443	708	735
Odessa	31.4	13.8	15.1	29.6	8.8	9.3	-	87.4	83.1	5.0	2849	1525	1324
Poltavska	39.0	18.8	13.6	27.3	0.6	25.0	-	63.6	58.5	14.9	1820	952	868
Rivnenska	36.8	15.4	5.1	31.6	11.1	18.4	-	59.8	66.4	36.8	1488	799	689
Sumska	48.1	17.8	11.1	18.5	3.0	13.1	-	64.4	66.5	10.4	1669	849	820
Ternopilska	31.8	10.9	20.0	34.5	0.9	25.2	1	78.2	57.9	16.4	1125	559	566
Kharkivska	15.5	10.3	8.6	56.9	8.6	22.3	3	75.9	76.6	-	3219	1706	1513
Khersonska	23.8	28.6	4.8	40.5	2.4	23.7	4	78.6	69.6	4.8	1151	564	587
Khmelnyska	20.2	28.2	29.8	20.2	-	34.3	3	71.8	61.8	6.5	1495	761	734
Cherkaska	45.1	16.4	4.1	25.4	9.0	31.0	9	87.7	79.5	3.3	1490	791	699
Chernivetska	22.2	24.4	17.8	33.3	2.2	7.7	-	71.1	66.7	4.4	755	445	310
Chernihivska	38.5	15.6	15.6	30.2	-	26.8	4	70.8	65.1	13.5	1291	669	622
Kyiv city	36.1	13.3	10.8	25.3	14.6	27.6	24	70.9	80.6	51.9	3958	2136	1822
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		3646	2980	666
Incidence (crude rate)		10.5	18.4	3.6
Incidence (age-standardized, world standard)		5.4	11.4	1.6
Incidence (age-standardized, Ukrainian standard)		9.1	20.0	2.6
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		2.1% ~~	2.4% ~~	0.8% ~~
Mortality: number of new cases*		1374	1157	217
Mortality (crude rate)		3.9	7.1	1.2
Mortality (age-standardized, world standard)		1.8	4.2	0.4
Mortality (age-standardized, Ukrainian standard)		3.3	8.0	0.8
Lived less than 1 year since the diagnosis in 2021, %		17.6	17.9	16.3
From among the newly diagnosed – diagnosed post mortem, %		1.3	1.4	0.9
Microscopically verified diagnoses, %		86.6	87.0	84.4
Diagnoses verified with histology, %		83.2	83.6	81.2
Unspecified morphology, %		4.8	4.9	4.4
Patients diagnosed during the preventive medical examinations, %		9.4	9.6	8.4
Newly diagnosed patients received the anti-cancer treatment, %		77.8	78.4	75.1
- surgical treatment only, %		45.4	44.8	48.3
- combined or complex scheme of treatment, %		26.4	27.5	21.2
Incidence of children population (age 0-17 years):	cases*	6	5	1
	rate per 100 000 of children population	0.1	0.2	0.0
Mortality of children population (age 0-17 years):	cases*	2	1	1
	rate per 100 000 of children population	0.0	0.0	0.0

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	10.5	18.4	3.6	5.4	11.4	1.6	9.1	20.0	2.6	3.9	7.1	1.2	1.8	4.2	0.4	3.3	8.0	0.8
AR Krym																		
Vinnitska	10.7	19.5	3.1	5.4	11.5	1.3	9.2	20.0	2.3	4.3	8.0	1.1	1.9	4.6	0.3	3.6	8.8	0.7
Volynska	9.4	15.8	3.7	5.8	11.5	2.0	9.5	19.5	3.2	4.4	7.5	1.7	2.4	5.2	0.7	4.3	9.3	1.3
Dnipropetrovska	10.3	18.4	3.4	5.1	11.2	1.3	8.6	19.5	2.3	3.5	6.4	1.1	1.5	3.6	0.4	2.8	7.1	0.7
Donetska																		
Zhytomyrska	9.6	16.9	3.2	5.4	11.1	1.7	8.2	18.1	2.5	3.3	6.4	0.6	1.8	3.8	0.8	2.8	7.0	0.5
Zakarpatska	7.5	13.6	1.9	4.6	10.1	1.0	8.2	18.5	1.8	4.4	7.9	1.1	2.5	5.9	0.5	4.8	11.9	0.9
Zaporizka	11.3	17.7	6.0	5.3	10.4	2.2	9.1	18.6	3.8	5.5	9.9	1.8	2.2	5.2	0.5	4.0	9.7	1.0
Ivano-Frankivska	9.9	17.1	3.4	5.4	11.3	1.5	9.2	19.9	2.6	3.9	7.2	1.0	1.9	4.4	0.4	3.4	8.4	0.7
Kyivska	8.4	14.9	3.0	4.6	9.7	1.6	7.8	17.7	2.5	2.9	4.8	1.2	1.4	3.0	0.5	2.5	5.7	0.9
Kirovohradska	14.0	25.8	3.9	6.7	14.9	1.7	11.5	26.8	2.7	5.5	8.9	2.5	2.3	5.0	0.7	4.3	9.6	1.4
Luhanska																		
Lvivska	10.8	18.6	3.8	5.9	11.9	1.9	9.8	20.5	3.1	3.8	7.1	0.9	1.8	4.4	0.2	3.5	8.4	0.6
Mykolaivska	10.0	17.6	3.4	5.0	10.6	1.4	8.3	18.6	2.3	3.5	5.7	1.5	1.6	3.3	0.6	3.0	6.5	1.1
Odesska	12.1	20.8	4.4	6.5	13.3	2.2	11.0	23.3	3.5	2.6	5.0	0.4	1.3	3.1	0.1	2.3	5.8	0.3
Poltavska	13.5	23.5	4.8	6.2	13.4	1.7	11.0	24.2	3.2	3.8	7.1	1.0	1.4	3.7	0.3	2.8	7.3	0.6
Rivnenska	5.6	10.2	1.5	3.5	7.6	0.7	5.9	13.4	1.3	3.6	6.6	0.8	2.1	4.9	0.4	3.8	8.9	0.8
Sumska	11.7	21.7	3.2	5.0	11.1	1.1	9.0	20.1	2.3	3.7	6.3	1.4	1.4	3.2	0.3	2.7	6.4	0.6
Ternopil'ska	9.3	17.2	2.4	5.0	10.9	0.9	8.3	18.8	1.7	4.7	8.2	1.7	2.2	4.8	0.7	4.1	9.2	1.2
Kharkiv'ska	12.1	20.1	5.1	5.9	12.1	2.2	10.1	21.2	3.7	4.1	7.7	1.0	1.8	4.4	0.4	3.3	8.2	0.7
Kherson'ska	10.7	19.4	3.2	5.3	11.8	1.3	9.1	21.0	2.3	3.6	6.7	0.9	1.7	4.0	0.2	3.2	7.4	0.6
Khmelnytska	8.7	15.6	2.6	4.4	9.6	1.0	7.1	15.7	1.8	5.8	10.7	1.5	2.5	5.9	0.5	4.6	11.0	1.0
Cherkaska	13.8	26.5	3.0	6.7	14.8	1.2	11.0	25.0	2.0	4.7	9.2	0.8	1.7	4.5	0.2	3.4	9.0	0.5
Chernivetska	7.4	13.4	2.1	4.3	9.1	1.0	7.2	16.1	1.6	1.9	3.1	0.9	0.9	1.9	0.3	1.9	4.1	0.7
Chernihiv'ska	10.9	19.7	3.7	4.8	10.7	1.1	8.1	18.9	2.0	4.2	8.3	0.8	1.7	4.4	0.2	3.0	7.8	0.4
Kyiv city	10.2	18.0	3.5	5.5	11.5	1.6	9.3	19.8	2.8	4.3	7.4	1.7	1.9	4.3	0.6	3.8	8.4	1.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vynnytska	175	151	24				44	37	7			
Volynska	98	84	14				31	30	1			
Dnipropetrovska	281	222	59				119	97	22			
Donetska	2	2	0				0	0	0			
Zhytomyrska	115	96	19				40	35	5			
Zakarpatska	58	46	12				41	31	10			
Zaporizka	107	81	26				42	31	11			
Ivano-Frankivska	141	119	22				50	42	8			
Kyivska	121	99	22				45	39	6			
Kirovohradska	136	117	19				50	43	7			
Luhanska	4	4	0				5	5	0			
Lvivska	310	251	59				67	56	11			
Mykolaivska	25	23	2				15	12	3			
Odessa	225	171	54				47	37	10			
Poltavska	179	143	36				60	48	12			
Rivnenska	74	64	10				35	30	5			
Sumska	124	110	14				44	41	3			
Ternopil'ska	110	94	16				48	40	8			
Kharkivska	43	36	7				12	11	1			
Khersonska	61	49	12				10	10	0			
Khmeln'ytska	116	108	8				61	56	5			
Cherkaska	172	141	31				72	64	8			
Chernivetska	55	52	3				13	12	1			
Chernihivska	104	87	17				46	43	3			
Kyiv city	184	138	46				53	36	17			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	41.3	29.9	11.1	10.6	6.9	17.6		79.7	86.9	8.3	35461	28053	7408
AR Krym													
Vynnytska	58.9	22.7	10.6	7.8	-	19.2	-	74.5	80.6	9.2	1570	1253	317
Volynska	32.3	37.6	12.9	12.9	4.3	19.3	1	82.8	90.8	-	777	614	163
Dnipropetrovska	45.5	31.7	11.4	7.7	3.3	13.9	1	78.5	89.7	1.6	2570	2057	513
Donetska	50.0	-	-	50.0	-	-	-	50.0	100.0	-			
Zhytomyrska	55.1	21.5	9.3	11.2	2.8	18.0	-	85.0	95.7	0.9	971	767	204
Zakarpatska	18.9	37.7	7.5	30.2	5.7	25.9	4	71.7	93.1	-	584	480	104
Zaporizka	53.8	15.4	8.8	4.4	16.5	16.4	-	57.1	77.6	5.5	1918	1483	435
Ivano-Frankivska	38.1	38.9	9.5	9.5	4.0	21.4	1	81.7	89.4	0.8	1011	847	164
Kyivska	17.4	46.8	11.9	22.9	0.9	12.2	-	85.3	90.9	8.3	1829	1470	359
Kirovohradska	44.5	34.5	15.5	4.5	-	16.2	2	81.8	81.6	0.9	1105	887	218
Luhanska	50.0	-	-	-	50.0			75.0	75.0	25.0			
Lvivska	55.0	22.7	4.0	8.3	10.1	12.9	-	88.5	93.5	2.9	2946	2382	564
Mykolaivska	8.0	28.0	12.0	12.0	40.0	14.7	4	48.0	84.0	-	1359	1074	285
Odessa	45.8	22.7	4.4	10.3	16.7	8.1	-	88.7	87.1	1.5	3257	2545	712
Poltavska	50.3	17.6	15.2	15.2	1.2	18.1	1	83.0	89.9	9.1	1475	1125	350
Rivnenska	12.9	38.6	14.3	11.4	22.9	26.7	-	68.6	74.3	15.7	580	465	115
Sumska	31.0	46.9	6.2	9.7	6.2	18.4	-	69.9	81.5	4.4	1101	871	230
Ternopil'ska	43.9	26.5	16.3	10.2	2.0	21.7	-	76.5	80.9	20.4	887	743	144
Kharkivska	38.2	14.7	14.7	-	32.4	16.7	1	73.5	81.4	-	3212	2450	762
Khersonska	18.2	52.7	12.7	16.4	-	14.6	-	92.7	90.2	1.8	1000	755	245
Khmeln'ytska	23.6	39.1	32.7	4.5	-	35.6	1	79.1	84.5	3.6	862	718	144
Cherkaska	55.8	18.2	6.5	11.0	7.8	25.2	10	83.1	84.9	1.9	1412	1133	279
Chernivetska	11.1	66.7	8.9	13.3	-	11.9	-	64.4	65.5	2.2	1049	857	192
Chernihivska	38.6	36.4	12.5	11.4	1.1	22.6	4	83.0	88.5	20.5	852	653	199
Kyiv city	32.3	26.7	15.5	11.8	13.7	20.8	14	75.2	91.8	61.5	3134	2424	710
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤👤	👤	👤
Incidence: number of new cases*		1682	862	820
Incidence (crude rate)		4.8	5.3	4.4
Incidence (age-standardized, world standard)		3.7	4.2	3.2
Incidence (age-standardized, Ukrainian standard)		4.5	5.3	3.9
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		-3.9% ~~	-5.2% ~~	-1.5% ~~
Mortality: number of new cases*		1212	665	547
Mortality (crude rate)		3.5	4.1	2.9
Mortality (age-standardized, world standard)		2.4	3.0	2.0
Mortality (age-standardized, Ukrainian standard)		3.2	4.0	2.5
Lived less than 1 year since the diagnosis in 2021, %		41.9	44.2	39.5
From among the newly diagnosed – diagnosed post mortem, %		5.3	5.9	4.6
Microscopically verified diagnoses, %		71.5	72.5	70.5
Diagnoses verified with histology, %		70.3	71.6	69.0
Unspecified morphology, %		9.0	9.1	8.8
Patients diagnosed during the preventive medical examinations, %		1.7	1.4	2.0
Newly diagnosed patients received the anti-cancer treatment, %		61.3	61.3	61.2
- surgical treatment only, %		19.0	18.2	19.7
- combined or complex scheme of treatment, %		30.5	31.8	29.1
Incidence of children population (age 0-17 years):	cases*	130	70	60
	rate per 100 000 of children population	2.0	2.1	1.9
Mortality of children population (age 0-17 years):	cases*	53	30	23
	rate per 100 000 of children population	0.8	0.9	0.7

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
Ukraine	4.8	5.3	4.4	3.7	4.2	3.2	4.5	5.3	3.9	3.5	4.1	2.9	2.4	3.0	2.0	3.2	4.0	2.5
AR Krym																		
Vinnitska	3.6	4.2	3.1	2.7	3.2	2.2	3.4	4.1	2.7	3.3	3.3	3.4	2.5	2.4	2.5	3.0	3.1	2.8
Volynska	4.1	4.0	4.3	3.1	3.2	3.0	4.1	4.1	4.0	3.9	4.4	3.5	2.9	3.3	2.7	3.9	4.4	3.4
Dnipropetrovska	4.8	5.2	4.4	3.4	4.1	2.9	4.4	5.4	3.7	2.5	2.6	2.5	1.7	1.8	1.6	2.3	2.6	2.2
Donetska																		
Zhytomyrska	3.4	4.0	2.9	2.7	3.2	2.2	3.2	3.6	2.6	1.8	2.4	1.3	1.5	2.0	1.1	1.8	2.5	1.3
Zakarpatska	4.7	4.5	4.8	4.0	4.1	3.8	4.6	4.7	4.5	4.0	4.4	3.7	3.2	3.6	3.1	4.0	4.8	3.5
Zaporizka	5.3	5.0	5.6	3.9	3.8	4.2	4.7	4.7	5.0	2.6	3.1	2.3	1.6	2.1	1.2	2.2	3.0	1.7
Ivano-Frankivska	3.3	3.1	3.5	2.2	2.2	2.2	3.2	3.3	3.1	3.4	3.8	3.1	2.3	2.6	2.1	3.3	4.1	2.8
Kyivska	4.1	4.5	3.8	3.0	3.4	2.8	4.0	4.7	3.5	3.0	3.8	2.3	2.2	2.8	1.8	2.9	3.9	2.3
Kirovohradska	6.1	7.7	4.8	5.2	7.1	3.6	5.6	7.8	4.2	6.2	7.7	5.0	4.2	5.3	3.5	5.5	7.6	4.3
Luhanska																		
Lvivska	6.0	7.1	4.9	4.9	6.2	3.6	5.6	7.2	4.4	3.3	3.8	2.9	2.5	3.0	2.1	3.1	3.8	2.6
Mykolaiivska	4.7	5.1	4.3	4.4	4.7	4.5	4.5	5.4	4.1	3.5	3.8	3.3	2.4	2.5	2.4	3.1	3.5	3.0
Odesska	4.6	5.3	4.0	3.6	4.2	3.3	4.4	5.4	3.7	2.1	2.0	2.1	1.4	1.4	1.5	1.9	2.0	1.9
Poltavska	3.6	4.0	3.3	3.0	3.8	2.2	3.3	4.0	2.8	2.8	3.4	2.2	1.9	2.3	1.5	2.5	3.2	1.9
Rivnenska	5.5	6.1	5.0	4.5	4.7	4.4	5.3	6.0	4.8	3.6	4.2	3.0	2.6	3.3	1.9	3.5	4.5	2.8
Sumska	4.9	5.3	4.7	4.1	4.3	4.0	4.3	4.7	4.0	3.8	5.1	2.7	2.6	3.8	1.5	3.1	4.5	1.9
Ternopil'ska	5.4	6.3	4.6	4.2	5.4	2.9	5.0	6.1	4.0	3.6	4.4	3.0	2.4	3.1	1.8	3.3	4.2	2.5
Kharkivska	6.0	6.8	5.3	4.4	5.1	3.9	5.4	6.7	4.5	4.7	5.9	3.7	3.2	4.3	2.5	4.1	5.7	3.1
Khersonska	3.7	5.0	2.6	3.0	4.2	1.8	3.3	4.6	2.2	3.1	4.3	2.1	2.3	3.2	1.5	2.8	4.0	1.8
Khmelnytska	6.4	7.2	5.6	4.3	5.1	3.7	5.8	7.2	4.9	4.8	5.8	4.0	3.1	4.0	2.4	4.3	5.8	3.4
Cherkaska	5.5	5.8	5.3	3.8	4.0	3.7	4.8	5.7	4.3	4.0	4.7	3.4	2.5	3.1	2.1	3.3	4.4	2.5
Chernivetska	3.3	5.0	1.7	3.1	4.6	1.6	3.2	5.1	1.5	1.9	3.1	0.9	1.5	2.5	0.6	1.8	2.9	0.8
Chernihivska	5.2	5.6	4.8	4.2	4.8	3.7	4.8	5.3	4.4	4.1	5.1	3.3	2.8	3.3	2.3	3.5	4.4	2.7
Kyiv city	5.0	4.8	5.2	3.2	3.2	3.2	4.6	4.8	4.4	4.8	5.8	3.9	3.0	4.1	2.2	4.4	5.8	3.3
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vynnytska	29	14	15				21	8	13			
Volynska	43	29	14				33	21	12			
Dnipropetrovska	147	85	62				119	67	52			
Donetska	1	0	1				0	0	0			
Zhytomyrska	27	12	15				22	9	13			
Zakarpatska	35	19	16				38	18	20			
Zaporizka	26	16	10				22	9	13			
Ivano-Frankivska	34	21	13				34	21	13			
Kyivska	54	34	20				40	19	21			
Kirovohradska	58	36	22				51	27	24			
Luhanska	1	1	0				2	2	0			
Lvivska	118	69	49				75	39	36			
Mykolaivska	17	7	10				6	5	1			
Odessa	44	24	20				28	15	13			
Poltavska	33	18	15				29	12	17			
Rivnenska	53	38	15				37	20	17			
Sumska	32	12	20				23	13	10			
Ternopil'ska	38	22	16				38	21	17			
Kharkivska	17	10	7				8	5	3			
Khersonska	4	2	2				8	3	5			
Khmeln'ytska	63	24	39				61	25	36			
Cherkaska	59	37	22				54	27	27			
Chernivetska	27	16	11				6	3	3			
Chernihivska	35	16	19				32	17	15			
Kyiv city	84	48	36				47	22	25			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine													
AR Krym						44.9	-	78.6	86.2	3.6	323	182	141
Vynnytska						57.1	1	82.1	79.1	-	226	117	109
Volynska						34.5	1	50.4	52.4	0.7	689	340	349
Dnipropetrovska								-	100.0	-			
Donetska						28.2	3	84.6	92.6	-	239	121	118
Zhytomyrska						50.9	3	62.1	74.3	-	292	139	153
Zakarpatska						25.6	-	34.8	50.0	-	433	206	227
Zaporizka						48.9	1	73.3	76.5	-	332	160	172
Ivano-Frankivska						40.3	-	72.5	70.4	3.9	765	343	422
Kyivska						72.0	9	54.8	46.6	-	262	121	141
Kirovohradska								-	100.0	-			
Luhanska						29.2	1	74.3	68.6	-	884	460	424
Lvivska						36.7	8	5.9	82.4	-	327	156	171
Mykolaivska						29.5	1	55.0	65.9	2.5	849	428	421
Odessa						52.1	3	62.5	66.7	6.3	351	170	181
Poltavska						21.7	-	62.3	60.4	-	487	234	253
Rivnenska						41.2	-	65.5	75.0	-	307	144	163
Sumska						47.2	-	78.9	76.3	5.3	269	126	143
Ternopil'ska						50.0	12	64.7	70.6	-	796	365	431
Kharkivska						47.2	2	25.0	75.0	-	180	90	90
Khersonska						48.0	-	60.7	69.8	3.3	410	193	217
Khmeln'ytska						57.9	7	71.4	74.6	-	311	138	173
Cherkaska						10.3	-	77.8	92.6	-	301	151	150
Chernivetska						38.6	5	77.4	74.3	-	217	104	113
Chernihivska						58.6	28	68.4	71.4	-	1165	543	622
Kyiv city													
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		2900	539	2361
Incidence (crude rate)		8.3	3.3	12.7
Incidence (age-standardized, world standard)		6.3	2.5	9.7
Incidence (age-standardized, Ukrainian standard)		7.7	3.2	11.7
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		13.1% ↑↑	11.3% ~~	13.1% ↑↑
Mortality: number of new cases*		178	61	117
Mortality (crude rate)		0.5	0.4	0.6
Mortality (age-standardized, world standard)		0.2	0.2	0.2
Mortality (age-standardized, Ukrainian standard)		0.4	0.4	0.5
Lived less than 1 year since the diagnosis in 2021, %		2.8	5.9	2.1
From among the newly diagnosed – diagnosed post mortem, %		0.5	1.2	0.3
Microscopically verified diagnoses, %		98.7	97.2	99.0
Diagnoses verified with histology, %		95.4	93.9	95.8
Unspecified morphology, %		1.4	1.9	1.2
Patients diagnosed during the preventive medical examinations, %		36.5	31.0	37.7
Newly diagnosed patients received the anti-cancer treatment, %		93.5	89.9	94.3
- surgical treatment only, %		50.2	44.0	51.7
- combined or complex scheme of treatment, %		38.7	42.0	38.0
Incidence of children population (age 0-17 years):	cases*	39	12	27
	rate per 100 000 of children population	0.6	0.4	0.9
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	8.3	3.3	12.7	6.3	2.5	9.7	7.7	3.2	11.7	0.5	0.4	0.6	0.2	0.2	0.2	0.4	0.4	0.5
AR Krym																		
Vinnitska	8.7	4.3	12.4	6.4	3.1	9.3	8.0	4.0	11.6	0.9	0.6	1.2	0.4	0.3	0.5	0.7	0.6	0.9
Volynska	5.4	2.1	8.4	4.5	1.8	7.1	5.3	2.1	8.2	0.3	0.6	0.0	0.3	0.5	0.0	0.3	0.6	0.0
Dnipropetrovska	7.9	4.0	11.1	5.8	3.1	8.1	7.3	3.8	10.1	0.5	0.5	0.5	0.2	0.3	0.1	0.3	0.5	0.2
Donetska																		
Zhytomyrska	6.8	2.2	10.8	5.4	1.7	9.0	6.3	2.1	10.2	0.4	0.2	0.6	0.1	0.1	0.2	0.3	0.2	0.3
Zakarpatska	2.9	1.3	4.3	2.1	1.1	3.1	2.7	1.3	3.9	0.3	0.2	0.5	0.2	0.1	0.3	0.4	0.2	0.5
Zaporizka	7.3	2.3	11.6	5.4	1.9	8.6	6.8	2.2	10.7	0.9	0.5	1.2	0.3	0.3	0.4	0.7	0.5	0.9
Ivano-Frankivska	10.1	3.8	15.8	7.6	3.2	11.8	9.4	3.7	14.6	0.4	0.3	0.6	0.2	0.2	0.2	0.5	0.3	0.5
Kyivska	11.8	4.8	17.7	8.7	3.4	13.4	10.9	4.4	16.5	0.4	0.0	0.7	0.2	0.0	0.3	0.4	0.0	0.6
Kirovohradska	7.1	2.9	10.8	5.5	2.1	8.6	6.7	2.7	10.2	0.7	0.5	0.8	0.3	0.3	0.3	0.6	0.6	0.5
Luhanska																		
Lvivska	7.2	3.3	10.7	5.5	2.5	8.3	6.6	3.0	10.0	0.5	0.4	0.5	0.2	0.3	0.2	0.4	0.4	0.3
Mykolaiivska	7.1	1.8	11.6	4.7	1.1	8.1	6.3	1.9	10.3	0.7	0.2	1.2	0.3	0.1	0.5	0.6	0.3	0.8
Odessa	5.5	2.1	8.6	4.2	1.7	6.5	5.2	2.2	8.0	0.3	0.3	0.4	0.2	0.2	0.2	0.3	0.3	0.3
Poltavska	4.8	3.1	6.4	3.8	2.1	5.3	4.5	2.7	6.1	0.7	1.0	0.6	0.3	0.6	0.2	0.6	1.0	0.4
Rivnenska	8.2	2.0	13.7	6.5	1.6	11.1	8.0	2.0	13.3	0.8	0.6	1.0	0.5	0.4	0.5	0.8	0.6	0.9
Sumska	7.7	3.4	11.5	5.5	2.7	8.0	6.8	3.0	10.0	0.5	0.0	0.9	0.2	0.0	0.2	0.4	0.0	0.5
Ternopil'ska	7.2	3.1	10.7	5.4	2.2	8.6	6.6	3.0	10.0	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.2	0.1
Kharkiv'ska	9.0	3.3	14.0	6.5	2.4	10.2	8.0	3.0	12.4	0.5	0.4	0.6	0.2	0.2	0.2	0.4	0.4	0.4
Kherson'ska	16.8	4.3	27.6	13.2	3.6	22.0	15.8	4.1	26.4	0.2	0.0	0.4	0.1	0.0	0.1	0.2	0.0	0.2
Khmelnytska	7.3	2.3	11.6	5.6	1.6	9.4	6.7	2.0	11.1	0.7	0.2	1.1	0.4	0.1	0.6	0.6	0.2	0.9
Cherkaska	9.4	4.3	13.8	6.7	3.4	9.6	8.2	4.0	11.8	0.5	0.8	0.3	0.2	0.3	0.1	0.4	0.8	0.2
Chernivetska	6.0	2.4	9.2	4.8	2.0	7.4	5.7	2.3	8.8	0.6	0.7	0.4	0.3	0.5	0.2	0.5	0.7	0.4
Chernihiv'ska	8.3	3.2	12.5	6.3	2.2	10.4	7.7	3.0	12.2	0.4	0.7	0.2	0.2	0.4	0.2	0.3	0.5	0.2
Kyiv city	13.8	6.0	20.5	10.4	4.7	15.4	12.8	5.7	18.7	0.4	0.2	0.6	0.2	0.1	0.3	0.3	0.2	0.5
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	99	28	71				11	5	6			
Volynska	57	11	46				4	1	3			
Dnipropetrovska	181	42	139				12	2	10			
Donetska	1	0	1				0	0	0			
Zhytomyrska	54	12	42				5	2	3			
Zakarpatska	26	4	22				7	4	3			
Zaporizka	40	9	31				4	0	4			
Ivano-Frankivska	118	23	95				7	2	5			
Kyivska	152	26	126				9	4	5			
Kirovohradska	49	11	38				15	8	7			
Luhanska	5	1	4				1	0	1			
Lvivska	108	22	86				11	3	8			
Mykolaivska	20	3	17				2	0	2			
Odesska	67	15	52				3	2	1			
Poltavska	58	10	48				9	3	6			
Rivnenska	52	10	42				3	0	3			
Sumska	56	12	44				8	3	5			
Ternopil'ska	33	9	24				3	0	3			
Kharkivska	18	4	14				2	1	1			
Khersonska	28	7	21				1	1	0			
Khmelnyska	73	11	62				7	3	4			
Cherkaska	62	12	50				4	1	3			
Chernivetska	43	14	29				1	0	1			
Chernihivska	52	8	44				4	0	4			
Kyiv city	282	82	200				16	5	11			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	68.6	7.4	8.6	6.6	3.4	2.8		91.0	98.1	33.4	50192	7827	42365
AR Krym													
Vinnyska	76.1	9.1	8.0	5.7	-	3.4	1	96.6	100.0	51.1	2846	395	2451
Volynska	67.9	9.4	7.5	13.2	-	7.4	3	92.5	100.0	-	636	106	530
Dnipropetrovska	70.5	5.8	14.5	6.4	2.3	3.0	-	94.8	99.4	17.3	3845	648	3197
Donetska	-	-	-	-	-	-	-	100.0	-	-			
Zhytomyrska	69.2	11.5	13.5	5.8	-	1.3	-	98.1	100.0	7.7	1702	271	1431
Zakarpatska	38.5	15.4	15.4	26.9	-	13.9	-	92.3	96.2	30.8	427	72	355
Zaporizka	62.9	11.4	2.9	8.6	-	3.5	2	65.7	90.0	8.6	2322	309	2013
Ivano-Frankivska	75.4	8.8	8.8	5.3	0.9	2.3	-	99.1	100.0	1.8	917	157	760
Kyivska	73.6	10.1	6.8	2.7	1.4	1.0	-	89.9	99.3	37.2	4972	750	4222
Kirovohradska	69.0	2.4	11.9	14.3	-	1.9	2	90.5	93.9	16.7	1384	165	1219
Luhanska	20.0	-	-	-	-	-	-	80.0	100.0	-			
Lvivska	63.8	6.7	8.6	8.6	2.9	4.7	-	90.5	97.2	47.6	2421	387	2034
Mykolaivska	45.0	-	5.0	-	20.0	6.8	1	45.0	100.0	-	1280	189	1091
Odesska	45.9	3.3	9.8	11.5	9.8	2.4	-	82.0	92.5	16.4	2418	381	2037
Poltavska	50.9	5.5	16.4	10.9	3.6	3.1	-	90.9	98.3	30.9	1792	268	1524
Rivnenska	63.5	5.8	5.8	1.9	17.3	2.2	-	88.5	96.2	48.1	1052	158	894
Sumska	72.2	9.3	5.6	5.6	-	1.3	-	87.0	94.6	11.1	1947	311	1636
Ternopil'ska	54.5	12.1	6.1	21.2	-	2.9	-	97.0	100.0	45.5	798	137	661
Kharkivska	17.6	17.6	-	17.6	35.3	4.5	-	76.5	100.0	-	3159	464	2695
Khersonska	69.2	3.8	15.4	11.5	-	-	-	53.8	100.0	57.7	2314	318	1996
Khmelnyska	74.3	11.4	-	2.9	2.9	2.5	-	88.6	95.9	25.7	1251	183	1068
Cherkaska	77.4	1.9	11.3	7.5	1.9	3.9	-	96.2	100.0	11.3	1972	291	1681
Chernivetska	67.4	2.3	11.6	11.6	-	2.0	-	79.1	95.3	-	651	118	533
Chernihivska	76.0	6.0	6.0	4.0	-	1.4	1	96.0	96.2	20.0	1637	270	1367
Kyiv city	77.6	6.5	6.5	1.5	5.7	1.6	3	97.3	99.6	84.4	8449	1479	6970
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		👤	👤	👤
Incidence: number of new cases*		770	378	392
Incidence (crude rate)		2.2	2.3	2.1
Incidence (age-standardized, world standard)		2.1	2.1	2.2
Incidence (age-standardized, Ukrainian standard)		2.3	2.4	2.3
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		7.0% ~~	16.9% ↑	-1.3% ~~
Mortality: number of new cases*		167	96	71
Mortality (crude rate)		0.5	0.6	0.4
Mortality (age-standardized, world standard)		0.3	0.4	0.3
Mortality (age-standardized, Ukrainian standard)		0.4	0.6	0.3
Lived less than 1 year since the diagnosis in 2021, %		9.0	10.0	8.1
From among the newly diagnosed – diagnosed post mortem, %		0.5	0.8	0.3
Microscopically verified diagnoses, %		100.0	100.0	100.0
Diagnoses verified with histology, %		96.1	95.0	97.2
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		11.2	10.1	12.2
Newly diagnosed patients received the anti-cancer treatment, %		87.4	86.2	88.6
- surgical treatment only, %		1.5	0.8	2.1
- combined or complex scheme of treatment, %		5.6	6.5	4.7
Incidence of children population (age 0-17 years):	cases*	76	37	39
	rate per 100 000 of children population	1.2	1.1	1.2
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	2.2	2.3	2.1	2.1	2.1	2.2	2.3	2.4	2.3	0.5	0.6	0.4	0.3	0.4	0.3	0.4	0.6	0.3
AR Krym																		
Vinnitska	1.8	2.3	1.4	1.9	2.4	1.6	2.1	2.7	1.7	0.5	0.6	0.4	0.3	0.4	0.2	0.4	0.5	0.3
Volynska	1.6	1.7	1.5	1.7	1.7	1.6	1.6	1.6	1.5	0.4	0.2	0.6	0.3	0.1	0.4	0.4	0.2	0.6
Dnipropetrovska	2.5	2.6	2.4	2.1	2.0	2.2	2.5	2.5	2.5	0.5	0.6	0.4	0.3	0.4	0.2	0.4	0.5	0.3
Donetska																		
Zhytomyrska	2.0	2.2	1.9	2.1	2.3	1.9	2.2	2.3	2.1	0.3	0.4	0.2	0.2	0.2	0.1	0.2	0.4	0.2
Zakarpatska	2.2	2.9	1.6	2.1	2.9	1.3	2.3	3.1	1.5	1.0	1.0	0.9	0.8	0.8	0.8	1.1	1.4	0.9
Zaporizka	1.7	1.5	1.9	1.9	1.7	2.1	1.8	1.4	2.2	0.2	0.1	0.3	0.1	0.1	0.2	0.2	0.2	0.3
Ivano-Frankivska	2.7	3.3	2.3	2.6	3.1	2.2	2.8	3.5	2.3	0.5	0.5	0.6	0.4	0.3	0.5	0.6	0.5	0.6
Kyivska	2.5	2.3	2.6	2.3	2.0	2.6	2.5	2.4	2.7	0.6	0.6	0.5	0.3	0.4	0.3	0.5	0.7	0.4
Kirovohradska	2.0	1.9	2.1	1.8	1.5	2.3	2.0	1.7	2.4	1.0	1.5	0.6	0.7	1.1	0.4	0.8	1.4	0.5
Luhanska																		
Lvivska	1.9	2.0	1.9	1.8	1.8	1.9	2.0	1.9	2.0	0.5	0.7	0.4	0.3	0.4	0.3	0.5	0.7	0.4
Mykolaiivska	2.8	2.6	2.9	2.6	2.5	2.8	2.9	2.7	3.1	0.6	0.6	0.5	0.4	0.5	0.3	0.5	0.6	0.4
Odessa	2.1	2.3	2.0	1.9	2.0	2.0	2.2	2.3	2.2	0.3	0.5	0.1	0.2	0.3	0.0	0.2	0.4	0.1
Poltavska	2.2	1.0	3.2	2.2	0.6	3.8	2.3	0.8	3.9	0.7	1.0	0.4	0.5	0.7	0.2	0.6	0.8	0.3
Rivnenska	2.5	2.6	2.3	2.3	2.3	2.4	2.5	2.5	2.5	0.1	0.2	0.0	0.1	0.2	0.0	0.1	0.2	0.0
Sumska	2.2	2.5	2.0	2.4	3.0	1.8	2.4	2.8	2.0	0.7	1.1	0.4	0.7	1.3	0.1	0.8	1.2	0.2
Ternopil'ska	1.9	2.3	1.5	1.7	1.9	1.6	1.9	2.3	1.6	0.8	1.5	0.2	0.6	1.1	0.2	0.8	1.4	0.2
Kharkivska	2.8	3.4	2.2	2.5	3.0	2.0	2.7	3.3	2.2	0.6	0.8	0.4	0.5	0.5	0.5	0.6	0.7	0.5
Khersonska	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	0.5	1.1	0.0	0.3	0.7	0.0	0.5	1.1	0.0
Khmelnitska	2.5	2.6	2.4	2.7	2.6	3.0	2.7	2.7	2.9	0.5	0.4	0.6	0.3	0.2	0.5	0.4	0.4	0.5
Cherkaska	1.6	2.6	0.8	1.8	2.5	1.1	1.8	2.5	1.1	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.2	0.0
Chernivetska	2.0	2.9	1.3	1.9	2.6	1.3	2.1	3.0	1.3	0.1	0.2	0.0	0.1	0.2	0.0	0.1	0.2	0.0
Chernihivska	1.7	1.4	1.9	1.7	1.1	2.3	1.9	1.4	2.3	0.5	0.5	0.6	0.3	0.3	0.4	0.4	0.4	0.4
Kyiv city	2.4	2.1	2.7	2.3	1.7	3.0	2.5	2.0	3.1	0.5	0.4	0.5	0.3	0.3	0.3	0.4	0.4	0.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine												
AR Krym												
Vinnyska	41	17	24				4	4	0			
Volynska	23	10	13				5	2	3			
Dnipropetrovska	77	45	32				22	10	12			
Donetska	3	2	1				0	0	0			
Zhytomyrska	13	6	7				2	1	1			
Zakarpatska	27	14	13				9	5	4			
Zaporizka	24	12	12				3	3	0			
Ivano-Frankivska	29	14	15				7	4	3			
Kyivska	41	22	19				7	5	2			
Kirovohradska	17	9	8				6	4	2			
Luhanska	1	1	0				2	2	0			
Lvivska	40	17	23				3	1	2			
Mykolaivska	12	8	4				0	0	0			
Odessa	25	11	14				5	3	2			
Poltavska	27	17	10				2	1	1			
Rivnenska	22	10	12				6	4	2			
Sumska	17	8	9				5	1	4			
Ternopil'ska	22	6	16				7	3	4			
Kharkivska	16	8	8				2	2	0			
Khersonska	8	5	3				2	1	1			
Khmelnyska	22	14	8				5	2	3			
Cherkaska	17	12	5				5	5	0			
Chernivetska	16	9	7				0	0	0			
Chernihivska	28	10	18				10	1	9			
Kyiv city	59	35	24				8	5	3			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						▼▲	▼	▲
Ukraine	5.4	38.0	21.1	14.9	20.5	9.0		82.3	100.0	12.3	15763	6817	8946
AR Krym													
Vinnyska	15.8	31.6	28.9	23.7	-	-	-	92.1	100.0	13.2	724	310	414
Volynska	-	47.8	21.7	17.4	13.0	6.3	-	87.0	100.0	-	442	182	260
Dnipropetrovska	2.7	58.9	26.0	12.3	-	8.0	-	72.6	100.0	12.3	1269	530	739
Donetska	-	33.3	-	-	66.7			33.3	100.0	-			
Zhytomyrska	7.7	38.5	38.5	7.7	7.7	-	-	92.3	100.0	-	513	232	281
Zakarpatska	-	29.6	29.6	11.1	29.6	15.4	2	59.3	100.0	-	364	169	195
Zaporizka	16.7	16.7	25.0	20.8	20.8	3.6	-	100.0	100.0	-	546	233	313
Ivano-Frankivska	6.9	27.6	20.7	17.2	27.6	10.8	-	69.0	100.0	-	531	234	297
Kyivska	12.5	42.5	20.0	15.0	10.0	9.1	-	67.5	100.0	12.5	1025	433	592
Kirovohradska	12.5	37.5	12.5	31.3	6.3	17.6	-	87.5	100.0	6.3	352	143	209
Luhanska	-	-	-	-	100.0			-	100.0	-			
Lvivska	7.5	22.5	10.0	5.0	55.0	10.6	-	85.0	100.0	17.5	1010	448	562
Mykolaivska	-	25.0	8.3	25.0	41.7	13.3	-	83.3	100.0	-	495	217	278
Odessa	-	32.0	-	16.0	52.0	2.0	-	76.0	100.0	-	977	464	513
Poltavska	-	60.0	20.0	4.0	16.0	3.4	-	96.0	100.0	32.0	707	297	410
Rivnenska	4.5	4.5	9.1	-	81.8	10.7	-	100.0	100.0	4.5	482	220	262
Sumska	6.7	60.0	20.0	6.7	6.7	13.0	-	66.7	100.0	-	518	218	300
Ternopil'ska	4.5	31.8	4.5	13.6	45.5	22.2	-	77.3	100.0	45.5	446	195	251
Kharkivska	-	31.3	31.3	6.3	31.3	14.3	-	87.5	100.0	-	1287	517	770
Khersonska	-	50.0	12.5	37.5	-	-	-	75.0	100.0	-	395	168	227
Khmelnyska	-	50.0	31.8	4.5	13.6	12.9	-	90.9	100.0	-	627	286	341
Cherkaska	-	31.3	37.5	18.8	12.5	5.6	-	93.8	100.0	6.3	641	292	349
Chernivetska	6.3	62.5	18.8	6.3	6.3	-	-	87.5	100.0	-	436	222	214
Chernihivska	-	44.4	14.8	29.6	11.1	13.3	1	88.9	100.0	7.4	464	178	286
Kyiv city	7.0	31.6	29.8	22.8	8.8	10.4	1	89.5	100.0	45.6	1512	629	883
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		▼▲	▼	▲
Incidence: number of new cases*		2120	1058	1062
Incidence (crude rate)		6.1	6.5	5.7
Incidence (age-standardized, world standard)		4.0	4.8	3.4
Incidence (age-standardized, Ukrainian standard)		5.6	6.7	4.8
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		7.6% ↑	3.2% ~~	12.7% ↑↑
Mortality: number of new cases*		806	418	388
Mortality (crude rate)		2.3	2.6	2.1
Mortality (age-standardized, world standard)		1.3	1.7	1.0
Mortality (age-standardized, Ukrainian standard)		2.1	2.8	1.6
Lived less than 1 year since the diagnosis in 2021, %		22.3	23.4	21.1
From among the newly diagnosed – diagnosed post mortem, %		1.0	1.2	0.7
Microscopically verified diagnoses, %		99.5	99.5	99.5
Diagnoses verified with histology, %		91.4	90.4	92.5
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		5.8	5.1	6.4
Newly diagnosed patients received the anti-cancer treatment, %		80.0	79.7	80.4
- surgical treatment only, %		3.8	4.0	3.6
- combined or complex scheme of treatment, %		9.0	9.6	8.4
Incidence of children population (age 0-17 years):	cases*	62	45	17
	rate per 100 000 of children population	0.9	1.3	0.5
Mortality of children population (age 0-17 years):	cases*	8	6	2
	rate per 100 000 of children population	0.1	0.2	0.1

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲	▼▲	▼	▲
Ukraine	6.1	6.5	5.7	4.0	4.8	3.4	5.6	6.7	4.8	2.3	2.6	2.1	1.3	1.7	1.0	2.1	2.8	1.6
AR Krym																		
Vinnitska	6.1	7.2	5.2	4.0	4.9	3.3	5.5	7.0	4.5	2.7	2.7	2.6	1.3	1.5	1.3	2.4	2.9	2.1
Volynska	4.7	4.6	4.8	3.6	3.9	3.2	4.6	4.9	4.3	1.2	1.7	0.7	0.9	1.4	0.5	1.1	1.8	0.7
Dnipropetrovska	7.0	8.0	6.1	4.4	5.7	3.4	6.2	8.5	4.9	2.0	2.3	1.7	1.1	1.5	0.9	1.7	2.4	1.4
Donetska																		
Zhytomyrska	4.9	6.0	4.0	3.2	4.1	2.5	4.5	5.8	3.6	2.5	2.5	2.4	1.5	1.7	1.4	2.2	2.4	2.0
Zakarpatska	6.4	7.0	5.7	4.4	5.7	3.4	6.6	8.4	5.3	3.2	3.5	3.0	2.1	2.8	1.7	3.3	4.2	2.6
Zaporizka	6.0	7.0	5.2	4.0	5.0	3.2	5.3	6.7	4.3	1.4	1.3	1.5	0.9	1.0	0.8	1.2	1.2	1.1
Ivano-Frankivska	5.2	4.9	5.5	3.3	3.3	3.4	5.0	5.3	4.9	2.9	3.3	2.5	1.8	2.3	1.2	2.9	3.6	2.3
Kyivska	7.3	8.3	6.5	4.8	5.9	4.2	6.9	8.9	5.7	2.0	2.3	1.8	1.2	1.6	0.9	1.9	2.6	1.4
Kirovohradska	6.6	5.6	7.5	4.4	4.3	4.4	5.8	5.3	6.1	2.9	3.1	2.7	2.2	2.8	1.6	2.6	3.0	2.2
Luhanska																		
Lvivska	5.6	6.9	4.5	3.5	4.8	2.5	5.4	7.4	3.8	2.2	2.8	1.6	1.2	1.8	0.7	2.0	3.1	1.3
Mykolaiivska	5.0	6.3	3.9	3.6	4.6	2.9	4.6	6.1	3.5	2.2	2.0	2.4	1.3	1.4	1.2	2.1	2.4	1.9
Odessa	5.7	5.7	5.7	3.8	4.1	3.5	5.2	5.8	4.9	1.6	2.0	1.2	0.9	1.4	0.5	1.4	2.1	0.9
Poltavska	5.4	5.0	5.8	3.4	3.7	3.1	4.9	5.2	4.7	3.0	3.1	2.9	1.8	2.2	1.4	2.6	3.1	2.2
Rivnenska	5.0	6.1	4.0	3.7	5.2	2.6	5.2	7.4	3.7	1.6	2.2	1.0	1.0	1.8	0.5	1.7	3.2	0.9
Sumska	5.1	3.8	6.3	3.3	3.0	3.4	4.4	3.7	4.9	1.8	1.3	2.3	0.9	0.8	1.0	1.4	1.3	1.5
Ternopil'ska	4.3	3.6	5.0	2.8	2.7	3.1	4.0	4.0	4.3	2.3	2.3	2.2	1.2	1.4	1.1	2.0	2.6	1.7
Kharkivska	5.6	6.4	4.9	3.5	4.4	2.9	4.8	6.1	4.0	2.4	2.3	2.4	1.3	1.5	1.2	2.0	2.3	1.8
Khersonska	4.2	4.1	4.3	2.8	3.3	2.4	3.8	4.4	3.5	1.6	2.2	1.1	1.0	1.5	0.5	1.5	2.3	0.9
Khmelnitska	6.4	7.5	5.3	4.4	5.8	3.2	5.7	7.3	4.4	2.9	3.3	2.4	1.6	2.1	1.4	2.5	3.4	2.0
Cherkaska	6.9	7.5	6.4	4.5	5.2	4.1	6.0	7.4	5.3	2.7	2.3	3.0	1.3	1.5	1.3	2.2	2.4	2.1
Chernivetska	4.2	4.3	4.1	2.9	3.5	2.4	3.9	4.5	3.4	1.6	1.9	1.3	0.7	1.2	0.5	1.5	2.5	0.9
Chernihivska	8.7	9.0	8.5	5.3	5.8	5.0	7.3	8.1	6.7	2.6	3.0	2.3	1.3	1.7	1.0	2.0	2.6	1.6
Kyiv city	8.6	8.5	8.7	5.7	6.6	4.8	8.0	8.8	7.2	3.5	4.3	2.9	2.0	2.9	1.4	3.3	4.9	2.3
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnitska	98	49	49				30	18	12			
Volynska	59	24	35				19	11	8			
Dnipropetrovska	160	77	83				76	33	43			
Donetska							1	1	0			
Zhytomyrska	56	28	28				18	10	8			
Zakarpatska	46	31	15				28	14	14			
Zaporizka	39	23	16				8	4	4			
Ivano-Frankivska	69	34	35				38	20	18			
Kyivska	117	56	61				32	16	16			
Kirovohradska	65	27	38				19	10	9			
Luhanska	2	1	1				1	0	1			
Lvivska	140	75	65				50	25	25			
Mykolaivska	29	19	10				7	3	4			
Odessa	67	35	32				31	15	16			
Poltavska	60	37	23				24	11	13			
Rivnenska	53	29	24				15	8	7			
Sumska	50	25	25				17	6	11			
Ternopil'ska	48	28	20				17	7	10			
Kharkivska	45	31	14				3	1	2			
Khersonska	21	12	9				5	3	2			
Khmelnitska	72	36	36				24	15	9			
Cherkaska	77	37	40				21	10	11			
Chernivetska	33	15	18				7	4	3			
Chernihivska	62	30	32				23	9	14			
Kyiv city	158	81	77				33	12	21			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine	6.8	20.6	17.3	23.3	24.3	22.3		79.6	99.5	5.5	17327	8443	8884
AR Krym													
Vinnitska	8.5	34.1	19.5	28.0	-	19.0	1	76.8	99.0	4.9	822	398	424
Volynska	3.8	20.8	13.2	22.6	18.9	18.6	1	79.2	100.0	-	419	195	224
Dnipropetrovska	9.1	43.4	17.5	28.0	-	19.1	3	74.8	100.0	1.4	1406	682	724
Donetska	-	20.0	-	-	80.0			80.0	100.0	-			
Zhytomyrska	5.8	9.6	17.3	32.7	13.5	29.4	-	78.8	100.0	-	485	227	258
Zakarpatska	9.1	18.2	2.3	18.2	45.5	44.0	1	70.5	100.0	-	414	229	185
Zaporizka	5.4	13.5	10.8	35.1	35.1	14.7	-	54.1	97.4	-	556	274	282
Ivano-Frankivska	-	11.9	14.9	17.9	50.7	25.8	-	88.1	98.6	1.5	542	249	293
Kyivska	9.0	24.0	19.0	26.0	12.0	15.1	-	84.0	100.0	4.0	1185	590	595
Kirovohradska	16.9	30.5	32.2	18.6	1.7	23.2	-	91.5	98.5	1.7	387	179	208
Luhanska	-	-	-	-	100.0			-	100.0	-			
Lvivska	2.3	9.8	15.0	6.8	61.7	26.4	-	82.0	98.6	6.8	1409	689	720
Mykolaivska	3.4	-	-	3.4	93.1	19.6	1	37.9	100.0	-	564	283	281
Odessa	6.3	19.0	12.7	14.3	39.7	14.2	-	68.3	98.5	-	1280	632	648
Poltavska	5.6	24.1	27.8	22.2	9.3	30.8	-	81.5	98.3	14.8	619	300	319
Rivnenska	2.0	2.0	6.1	-	81.6	16.1	-	83.7	100.0	-	477	228	249
Sumska	9.3	41.9	14.0	20.9	11.6	25.5	-	74.4	100.0	-	372	181	191
Ternopil'ska	11.4	6.8	15.9	20.5	43.2	35.0	-	79.5	100.0	6.8	408	201	207
Kharkivska	4.4	8.9	17.8	48.9	13.3	25.0	-	84.4	100.0	-	1187	545	642
Khersonska	5.9	11.8	41.2	35.3	-	11.4	-	82.4	100.0	-	368	177	191
Khmelnitska	9.0	25.4	25.4	9.0	14.9	17.6	1	86.6	100.0	3.0	666	315	351
Cherkaska	1.5	10.6	21.2	42.4	12.1	29.6	-	90.9	100.0	1.5	685	348	337
Chernivetska	9.1	15.2	27.3	21.2	21.2	20.0	-	57.6	100.0	-	422	227	195
Chernihivska	1.9	11.3	17.0	37.7	7.5	21.6	-	86.8	100.0	-	552	265	287
Kyiv city	11.2	23.8	16.1	32.2	13.3	22.9	11	87.4	100.0	32.9	2102	1029	1073
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♂	♀	♂
Incidence: number of new cases*		769	356	413
Incidence (crude rate)		2.2	2.2	2.2
Incidence (age-standardized, world standard)		1.3	1.4	1.1
Incidence (age-standardized, Ukrainian standard)		2.0	2.3	1.8
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		4.2%	8.2%	1.7%
		~	~	~
Mortality: number of new cases*		366	171	195
Mortality (crude rate)		1.1	1.1	1.1
Mortality (age-standardized, world standard)		0.6	0.7	0.5
Mortality (age-standardized, Ukrainian standard)		0.9	1.1	0.8
Lived less than 1 year since the diagnosis in 2021, %		22.4	19.9	24.5
From among the newly diagnosed – diagnosed post mortem, %		0.7	0.6	0.8
Microscopically verified diagnoses, %		97.9	98.3	97.6
Diagnoses verified with histology, %		70.6	71.9	69.5
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		8.1	9.3	7.0
Newly diagnosed patients received the anti-cancer treatment, %		84.9	86.5	83.5
- surgical treatment only, %		0.7	0.9	0.5
- combined or complex scheme of treatment, %		3.3	2.9	3.6
Incidence of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	0	0	0
	rate per 100 000 of children population	-	-	-

* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine	2.2	2.2	2.2	1.3	1.4	1.1	2.0	2.3	1.8	1.1	1.1	1.1	0.6	0.7	0.5	0.9	1.1	0.8
AR Krym																		
Vinnitska	2.3	1.9	2.6	1.3	1.2	1.4	2.0	1.9	2.1	1.8	1.7	1.9	1.0	1.1	0.9	1.5	1.8	1.3
Volynska	2.3	2.9	1.7	1.4	2.1	0.9	2.2	3.0	1.6	1.3	1.0	1.5	0.8	0.8	0.8	1.4	1.3	1.4
Dnipropetrovska	2.0	1.6	2.3	1.1	1.1	1.1	1.7	1.7	1.7	0.9	0.5	1.3	0.5	0.3	0.5	0.8	0.5	0.9
Donetska																		
Zhytomyrska	1.8	2.0	1.6	1.0	1.3	0.9	1.6	2.1	1.3	0.9	0.9	1.0	0.5	0.5	0.4	0.8	1.0	0.8
Zakarpatska	1.7	2.0	1.4	1.1	1.5	0.8	1.8	2.2	1.4	1.2	1.8	0.6	0.8	1.4	0.3	1.3	2.2	0.7
Zaporizka	1.7	1.2	2.0	0.9	0.7	1.0	1.4	1.2	1.5	0.7	0.8	0.7	0.3	0.5	0.2	0.5	0.8	0.4
Ivano-Frankivska	3.3	3.0	3.5	2.0	2.0	2.0	3.2	3.6	3.1	1.3	1.4	1.3	0.8	1.0	0.7	1.3	1.7	1.0
Kyivska	2.6	2.7	2.5	1.6	1.8	1.5	2.3	2.9	2.1	1.0	1.1	0.9	0.5	0.7	0.4	1.0	1.5	0.8
Kirovohradska	1.7	1.0	2.3	0.9	0.6	1.1	1.4	0.9	1.7	1.3	1.2	1.5	0.7	0.8	0.6	1.2	1.0	1.1
Luhanska																		
Lvivska	1.5	1.6	1.4	0.9	1.1	0.7	1.4	1.7	1.2	0.7	0.7	0.6	0.3	0.4	0.3	0.6	0.7	0.5
Mykolaiivska	2.2	2.8	1.7	1.2	1.8	0.8	1.8	2.7	1.2	1.0	1.2	0.9	0.5	0.7	0.3	0.8	1.3	0.5
Odesska	1.2	1.0	1.5	0.8	0.7	0.8	1.2	1.0	1.3	0.4	0.5	0.3	0.2	0.4	0.2	0.4	0.6	0.3
Poltavska	2.6	2.1	3.0	1.3	1.3	1.4	2.2	2.1	2.3	1.0	0.6	1.3	0.4	0.4	0.5	0.8	0.6	0.9
Rivnenska	1.3	1.1	1.5	0.9	0.8	0.8	1.5	1.3	1.6	0.8	0.7	0.8	0.5	0.6	0.5	0.9	1.4	0.8
Sumska	1.6	1.7	1.6	0.8	0.9	0.7	1.3	1.4	1.1	0.9	0.8	0.9	0.4	0.5	0.3	0.7	0.7	0.6
Ternopil'ska	2.2	1.7	2.6	1.3	1.0	1.4	2.0	1.5	2.3	1.3	1.9	0.7	0.7	1.2	0.4	1.1	1.9	0.6
Kharkiv'ska	2.1	2.3	1.9	1.2	1.5	1.0	1.8	2.3	1.4	0.8	0.8	0.8	0.4	0.5	0.4	0.7	0.8	0.6
Kherson'ska	2.0	1.7	2.2	1.1	1.2	1.1	1.8	1.9	1.8	1.4	1.3	1.5	0.8	0.9	0.7	1.1	1.1	1.0
Khmelnytska	2.5	2.8	2.3	1.4	1.7	1.1	2.2	2.7	1.8	1.1	0.9	1.4	0.6	0.5	0.6	1.1	0.9	1.1
Cherkaska	2.4	3.0	1.9	1.1	1.6	0.9	1.9	2.8	1.3	1.6	1.7	1.4	0.7	0.9	0.6	1.2	1.5	1.0
Chernivetska	1.8	0.7	2.8	1.1	0.5	1.6	1.8	1.0	2.5	0.2	0.5	0.0	0.1	0.3	0.0	0.2	0.6	0.0
Chernihiv'ska	2.0	1.9	2.1	1.1	1.2	1.1	1.6	1.7	1.5	1.4	1.6	1.2	0.7	1.0	0.6	1.0	1.4	0.8
Kyiv city	4.5	5.4	3.8	2.6	3.6	2.0	4.2	5.8	3.2	1.7	1.7	1.7	0.9	1.2	0.8	1.6	1.9	1.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnitska	25	16	9				13	8	5			
Volynska	18	11	7				9	7	2			
Dnipropetrovska	59	31	28				29	13	16			
Donetska	2	2	0				1	1	0			
Zhytomyrska	15	9	6				7	4	3			
Zakarpatska	23	14	9				10	7	3			
Zaporizka	14	6	8				4	1	3			
Ivano-Frankivska	28	16	12				28	12	16			
Kyivska	39	17	22				13	9	4			
Kirovohradska	27	11	16				6	1	5			
Luhanska	3	1	2				0	0	0			
Lvivska	73	39	34				28	11	17			
Mykolaivska	15	6	9				2	2	0			
Odessa	10	7	3				5	4	1			
Poltavska	36	24	12				11	3	8			
Rivnenska	12	6	6				7	4	3			
Sumska	15	6	9				7	3	4			
Ternopil'ska	17	11	6				8	3	5			
Kharkivska	14	6	8				4	2	2			
Khersonska	8	6	2				3	1	2			
Khmelnitska	28	17	11				11	1	10			
Cherkaska	36	16	20				18	10	8			
Chernivetska	13	4	9				1	0	1			
Chernihivska	21	11	10				9	7	2			
Kyiv city	63	27	36				21	9	12			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine						22.4		83.3	95.8	6.0	4412	2024	2388
AR Krym													
Vinnitska						20.6	-	77.3	96.0	-	170	73	97
Volynska						34.8	-	88.2	94.4	-	119	57	62
Dnipropetrovska						22.0	1	92.5	100.0	5.7	305	145	160
Donetska								100.0	-	-			
Zhytomyrska						23.8	-	61.5	100.0	-	102	55	47
Zakarpatska						42.9	-	76.2	100.0	-	100	50	50
Zaporizka						8.0	-	21.4	85.7	-	150	58	92
Ivano-Frankivska						22.5	-	85.2	100.0	-	156	68	88
Kyivska						15.9	-	89.2	100.0	2.7	283	122	161
Kirovohradska						57.1	-	95.7	100.0	-	83	28	55
Luhanska								-	33.3	-			
Lvivska						20.6	-	92.8	93.2	7.2	407	184	223
Mykolaivska						27.3	-	50.0	73.3	-	132	51	81
Odessa						3.7	-	77.8	70.0	-	288	115	173
Poltavska						38.2	-	87.9	91.7	15.2	180	102	78
Rivnenska						21.4	-	83.3	100.0	-	109	44	65
Sumska						17.6	-	92.9	100.0	-	98	42	56
Ternopil'ska						15.0	-	93.8	100.0	-	103	43	60
Kharkivska						22.0	-	92.3	100.0	-	339	158	181
Khersonska						29.4	-	50.0	100.0	-	74	32	42
Khmelnitska						13.8	-	96.0	100.0	4.0	149	76	73
Cherkaska						33.3	1	81.8	97.2	3.0	183	82	101
Chernivetska						12.5	-	-	92.3	-	115	54	61
Chernihivska						50.0	-	94.7	100.0	-	72	34	38
Kyiv city						15.4	3	91.9	98.4	29.0	695	351	344
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021		♿♿	♿	♿
Incidence: number of new cases*		2654	1408	1246
Incidence (crude rate)		7.6	8.7	6.7
Incidence (age-standardized, world standard)		5.8	7.1	4.7
Incidence (age-standardized, Ukrainian standard)		7.1	9.1	5.7
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		2.5% ~~	4.2% ~~	0.3% ~~
Mortality: number of new cases*		1105	592	513
Mortality (crude rate)		3.2	3.7	2.8
Mortality (age-standardized, world standard)		2.0	2.6	1.7
Mortality (age-standardized, Ukrainian standard)		2.9	4.0	2.3
Lived less than 1 year since the diagnosis in 2021, %		26.0	25.8	26.2
From among the newly diagnosed – diagnosed post mortem, %		1.8	1.4	2.4
Microscopically verified diagnoses, %		100.0	100.0	100.0
Diagnoses verified with histology, %		64.2	63.7	64.7
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		4.9	5.4	4.3
Newly diagnosed patients received the anti-cancer treatment, %		65.0	67.6	61.9
- surgical treatment only, %		0.3	0.3	0.4
- combined or complex scheme of treatment, %		0.2	0.1	0.4
Incidence of children population (age 0-17 years):	cases*	268	159	109
	rate per 100 000 of children population	4.1	4.7	3.4
Mortality of children population (age 0-17 years):	cases*	53	28	25
	rate per 100 000 of children population	0.8	0.8	0.8

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿	♿♿	♿	♿
Ukraine	7.6	8.7	6.7	5.8	7.1	4.7	7.1	9.1	5.7	3.2	3.7	2.8	2.0	2.6	1.7	2.9	4.0	2.3
AR Krym																		
Vinnitska	10.3	10.3	10.3	7.6	7.8	7.6	9.4	10.2	9.0	3.5	4.3	2.7	2.0	2.7	1.5	3.0	4.8	2.1
Volynska	8.1	9.2	7.1	6.4	7.7	5.5	7.9	10.4	6.1	3.9	4.4	3.5	2.9	3.4	2.7	3.9	5.5	3.0
Dnipropetrovska	6.3	6.7	6.0	4.7	5.5	4.1	5.6	6.5	5.1	2.8	2.5	3.0	1.8	1.8	1.8	2.5	2.5	2.5
Donetska																		
Zhytomyrska	8.2	8.7	7.8	6.0	6.5	5.9	7.6	9.5	6.7	3.2	4.0	2.5	2.1	2.7	1.9	3.0	4.7	2.1
Zakarpatska	5.4	6.2	4.7	4.3	5.5	3.2	5.8	7.0	4.7	3.3	3.9	2.8	2.4	3.3	1.6	3.6	4.7	2.7
Zaporizka	3.5	4.8	2.5	3.5	4.4	2.9	3.5	4.8	2.5	1.6	2.0	1.2	0.9	1.5	0.5	1.4	2.2	0.8
Ivano-Frankivska	9.9	9.4	10.4	7.1	7.4	7.1	9.8	10.8	9.4	3.0	3.5	2.7	1.8	2.3	1.7	3.0	4.3	2.3
Kyivska	7.8	9.4	6.4	6.1	7.9	4.8	7.4	10.0	5.6	3.3	3.7	3.0	2.2	2.7	2.1	3.2	4.5	2.6
Kirovohradska	8.3	9.2	7.5	6.5	7.8	5.5	7.4	9.1	6.2	4.0	5.1	3.1	2.6	3.6	2.1	3.5	5.3	2.4
Luhanska																		
Lvivska	4.0	5.4	2.8	3.3	4.7	2.2	3.8	5.8	2.4	1.9	1.7	2.1	1.2	1.1	1.4	1.8	1.9	1.9
Mykolaiivska	8.2	7.3	8.9	5.4	5.8	5.0	7.2	7.4	6.9	1.7	2.0	1.5	0.9	1.2	0.7	1.4	1.8	1.0
Odessa	4.5	5.8	3.3	4.3	5.8	3.0	4.5	6.1	3.2	1.4	1.5	1.2	1.3	1.5	1.1	1.3	1.5	1.1
Poltavska	6.0	6.1	5.8	4.6	4.9	4.6	5.4	6.4	5.0	2.5	2.3	2.6	1.7	1.3	2.3	2.2	2.4	2.3
Rivnenska	4.3	6.6	2.2	4.4	7.1	1.9	4.2	7.1	2.1	3.7	4.6	2.8	2.8	4.2	1.7	3.7	5.3	2.6
Sumska	7.1	9.7	4.8	4.2	6.3	2.5	5.9	9.1	3.6	3.3	4.6	2.2	1.8	3.2	0.7	2.8	5.0	1.3
Ternopil'ska	7.0	9.9	4.4	6.7	9.3	4.6	6.9	10.5	4.2	3.5	4.8	2.4	2.0	3.2	1.3	3.3	5.5	2.0
Kharkivska	9.3	10.3	8.5	6.7	8.6	5.1	8.4	10.5	6.9	5.6	6.6	4.8	3.4	4.5	2.6	5.0	7.1	3.9
Khersonska	9.2	9.9	8.6	7.3	8.3	6.7	8.4	10.4	7.5	4.1	5.2	3.2	2.7	4.2	1.5	3.6	5.4	2.4
Khmelnitska	11.9	13.7	10.4	8.3	10.4	6.7	10.9	14.3	8.6	4.7	6.0	3.5	2.5	3.6	1.9	4.1	6.1	2.8
Cherkaska	13.0	13.5	12.5	8.5	10.1	7.4	11.2	13.3	9.9	3.9	4.7	3.2	2.2	3.0	1.7	3.3	4.4	2.6
Chernivetska	6.9	8.4	5.6	5.3	6.7	4.2	6.9	9.5	5.2	1.1	1.0	1.3	0.9	0.7	1.3	1.2	1.2	1.2
Chernihivska	9.7	10.2	9.3	6.3	7.3	5.7	8.1	10.5	6.8	4.8	5.6	4.2	2.9	3.6	2.5	4.0	5.4	3.2
Kyiv city	10.5	12.9	8.5	7.5	9.8	5.9	10.0	14.0	7.5	3.4	3.9	3.0	2.1	2.6	1.8	3.2	4.2	2.6
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnyska	79	44	35				34	16	18			
Volynska	85	54	31				38	26	12			
Dnipropetrovska	196	106	90				104	55	49			
Donetska	1	0	1				1	0	1			
Zhytomyrska	70	33	37				26	14	12			
Zakarpatska	51	30	21				35	22	13			
Zaporizka	20	14	6				7	5	2			
Ivano-Frankivska	111	53	58				51	28	23			
Kyivska	87	41	46				32	15	17			
Kirovohradska	75	44	31				25	12	13			
Luhanska	5	2	3				4	1	3			
Lvivska	113	57	56				53	25	28			
Mykolaivska	61	33	28				8	2	6			
Odesska	33	19	14				15	10	5			
Poltavska	68	31	37				36	17	19			
Rivnenska	55	29	26				20	10	10			
Sumska	66	30	36				30	13	17			
Ternopil'ska	57	27	30				30	14	16			
Kharkivska	54	31	23				8	6	2			
Khersonska	18	9	9				10	7	3			
Khmelnyska	145	82	63				66	39	27			
Cherkaska	131	63	68				36	19	17			
Chernivetska	32	19	13				4	3	1			
Chernihivska	109	66	43				34	16	18			
Kyiv city	189	89	100				79	40	39			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	Cases in new patients by the cell type (ICD-10 AM codes), %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anticancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients are to be under the follow-up		
	C91 (lymphoid)	C92 (myeloid)	C93 (mono- cytic)	C94 (other specified)	C95 (not specified)						♂	♀	♂
Ukraine	43.9	30.0	3.8	17.4	4.9	26.0		67.8	100.0	4.7	23851	12243	11608
AR Krym													
Vinnyska	40.0	32.0	2.7	24.0	1.3	16.9	-	73.3	100.0	4.0	1263	638	625
Volynska	60.5	26.3	1.3	5.3	6.6	35.5	3	51.3	100.0	-	661	366	295
Dnipropetrovska	50.9	37.9	6.5	4.7	-	28.7	5	82.8	100.0	4.7	1695	873	822
Donetska	100.0	-	-	-	-			-	100.0	-			
Zhytomyrska	40.6	18.8	9.4	31.3	-	23.2	1	43.8	100.0	-	892	422	470
Zakarpatska	47.8	43.5	-	2.2	6.5	31.7	2	41.3	100.0	-	577	314	263
Zaporizka	65.0	25.0	-	-	10.0	16.7	-	30.0	100.0	5.0	701	365	336
Ivano-Frankivska	25.0	17.3	7.7	38.5	11.5	21.1	-	68.3	100.0	-	740	385	355
Kyivska	39.7	32.1	1.3	21.8	5.1	26.4	-	84.6	100.0	5.1	1605	810	795
Kirovohradska	65.2	27.3	1.5	4.5	1.5	35.2	7	50.0	100.0	9.1	592	301	291
Luhanska	-	60.0	-	-	40.0			20.0	100.0	-			
Lvivska	51.9	37.7	1.9	-	8.5	23.7	-	68.9	100.0	7.5	1447	782	665
Mykolaivska	43.3	53.3	-	1.7	1.7	17.0	-	18.3	100.0	3.3	839	417	422
Odesska	60.6	36.4	-	-	3.0	18.0	1	63.6	100.0	-	1125	581	544
Poltavska	53.2	37.1	8.1	1.6	-	26.8	-	67.7	100.0	14.5	804	419	385
Rivnenska	58.5	26.4	1.9	1.9	11.3	35.4	-	67.9	100.0	-	545	296	249
Sumska	55.7	27.9	8.2	1.6	6.6	20.0	-	82.0	100.0	-	785	423	362
Ternopil'ska	42.0	26.0	4.0	22.0	6.0	27.5	1	80.0	100.0	14.0	585	313	272
Kharkivska	40.0	28.0	-	30.0	2.0	46.3	1	80.0	100.0	-	2044	965	1079
Khersonska	60.0	33.3	-	-	6.7	31.3	-	93.3	100.0	-	584	274	310
Khmelnyska	41.4	27.1	0.7	27.9	2.9	24.6	1	60.0	100.0	0.7	1110	610	500
Cherkaska	20.5	33.3	5.1	35.0	6.0	23.9	3	83.8	100.0	2.6	1636	800	836
Chernivetska	77.4	16.1	3.2	-	3.2	5.1	-	25.8	100.0	-	538	300	238
Chernihivska	47.4	17.9	4.2	27.4	3.2	25.3	-	72.6	100.0	-	778	386	392
Kyiv city	25.3	27.6	5.7	32.8	8.6	21.9	20	82.2	100.0	17.2	2305	1203	1102
Sevastopol city													

Table 1 - General rates, 2021		♿	♿	♿
Incidence: number of new cases*		2362	1354	1008
Incidence (crude rate)		6.8	8.4	5.4
Incidence (age-standardized, world standard)		3.6	5.3	2.4
Incidence (age-standardized, Ukrainian standard)		5.9	8.8	4.0
Change of incidence rate 2021 vs 2020, % (Ukrainian standard)		-5.0% ~~	-4.7% ~~	-4.5% ~~
Mortality: number of new cases*		1642	981	661
Mortality (crude rate)		4.7	6.1	3.5
Mortality (age-standardized, world standard)		2.4	3.8	1.5
Mortality (age-standardized, Ukrainian standard)		4.1	6.4	2.6
Lived less than 1 year since the diagnosis in 2021, %		59.6	62.8	55.3
From among the newly diagnosed – diagnosed post mortem, %		1.9	1.5	2.4
Microscopically verified diagnoses, %		40.9	40.3	41.7
Diagnoses verified with histology, %		35.1	34.2	36.4
Unspecified morphology, %		15.1	16.7	13.1
Patients diagnosed during the preventive medical examinations, %		0.8	0.8	0.8
Newly diagnosed patients received the anti-cancer treatment, %		25.4	24.9	26.0
- surgical treatment only, %		4.2	3.6	5.0
- combined or complex scheme of treatment, %		5.4	4.9	6.0
Incidence of children population (age 0-17 years):	cases*	2	2	0
	rate per 100 000 of children population	0.0	0.1	-
Mortality of children population (age 0-17 years):	cases*	1	1	0
	rate per 100 000 of children population	0.0	0.0	-

* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ukraine	6.8	8.4	5.4	3.6	5.3	2.4	5.9	8.8	4.0	4.7	6.1	3.5	2.4	3.8	1.5	4.1	6.4	2.6
AR Krym																		
Vinnitska	6.0	8.5	3.9	3.2	5.4	1.7	5.2	8.9	2.7	4.5	6.9	2.5	2.4	4.1	1.2	3.9	6.9	1.9
Volynska	7.7	7.3	8.0	4.7	5.2	4.4	8.0	9.4	7.2	5.4	6.2	4.7	3.3	4.5	2.6	5.5	7.6	4.3
Dnipropetrovska	8.5	10.5	6.9	4.4	6.6	3.1	7.2	11.0	5.1	7.1	7.9	6.4	3.4	5.0	2.4	5.9	8.4	4.4
Donetska																		
Zhytomyrska	3.6	4.9	2.4	1.9	3.2	1.0	3.2	5.2	1.9	2.5	4.2	1.0	1.3	2.7	0.3	2.1	4.3	0.6
Zakarpatska	7.9	10.7	5.3	5.0	7.9	2.7	8.3	12.9	4.8	5.4	7.2	3.7	3.4	5.3	2.0	5.5	8.8	3.3
Zaporizka	7.1	7.5	6.7	3.5	4.5	3.0	5.6	7.7	4.7	3.9	4.8	3.0	1.9	2.9	1.3	3.0	4.6	2.0
Ivano-Frankivska	8.5	12.4	5.1	4.6	8.2	2.0	8.1	14.3	3.9	6.6	9.1	4.4	3.7	6.1	1.9	6.5	10.7	3.7
Kyivska	5.8	6.7	5.1	3.2	4.5	2.5	5.2	8.0	3.8	3.1	3.9	2.5	1.6	2.6	1.1	2.9	4.9	1.8
Kirovohradska	8.9	10.4	7.7	4.4	6.2	3.2	7.1	10.3	5.1	6.7	10.6	3.3	3.2	6.2	1.4	5.4	10.5	2.2
Luhanska																		
Lvivska	7.7	9.8	5.9	4.1	6.4	2.4	6.8	10.3	4.2	6.0	7.7	4.4	3.2	5.1	1.7	5.2	8.1	3.0
Mykolaiivska	9.2	9.5	8.9	4.9	6.0	4.0	7.7	9.2	6.6	6.2	8.1	4.6	3.4	5.1	2.2	5.3	7.9	3.5
Odessa	5.0	6.5	3.6	2.8	4.2	1.8	4.5	6.8	2.9	2.9	4.1	1.9	1.5	2.5	0.9	2.6	4.2	1.6
Poltavska	5.1	7.4	3.2	2.6	4.5	1.3	4.2	7.4	2.2	2.5	3.4	1.8	1.1	1.9	0.6	1.9	3.3	1.0
Rivnenska	5.1	6.5	3.8	3.3	4.8	2.4	5.2	8.2	3.5	3.4	4.4	2.5	2.1	3.3	1.2	3.6	5.5	2.2
Sumska	7.6	9.7	5.9	3.6	5.4	2.4	5.9	9.0	4.0	3.8	4.6	3.0	1.7	2.5	1.4	3.0	4.7	2.2
Ternopil'ska	7.1	7.8	6.5	3.7	4.9	2.9	6.4	8.2	5.0	6.2	7.3	5.2	3.2	4.6	2.3	5.4	7.8	3.8
Kharkivska	4.3	5.6	3.1	2.2	3.4	1.6	3.5	5.6	2.2	2.6	3.3	2.0	1.3	1.9	0.8	2.1	3.3	1.4
Khersonska	8.3	9.7	7.1	4.3	6.1	3.2	7.3	10.7	5.3	6.2	7.8	4.9	3.2	4.8	2.2	5.3	8.0	3.7
Khmelnytska	11.7	13.0	10.5	6.0	7.7	4.9	9.7	12.8	7.9	9.7	11.4	8.2	4.7	6.6	3.4	7.7	10.7	5.9
Cherkaska	6.8	7.5	6.3	3.2	4.3	2.4	5.4	7.0	4.2	4.6	5.6	3.7	2.2	3.3	1.4	3.7	5.2	2.5
Chernivetska	7.0	9.8	4.5	3.9	6.5	2.1	6.5	11.0	3.5	3.5	4.1	3.0	1.9	2.6	1.5	3.2	5.0	2.4
Chernihivska	8.8	11.1	6.9	4.2	6.5	2.7	7.0	11.4	4.4	5.8	9.0	3.1	2.7	5.2	1.1	4.5	8.7	1.9
Kyiv city	4.4	5.6	3.4	2.3	3.5	1.5	3.9	5.9	2.7	3.2	3.9	2.6	1.6	2.4	1.1	2.8	4.0	2.0
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
Ukraine												
AR Krym												
Vinnyska	85	49	36				43	28	15			
Volynska	115	84	31				76	53	23			
Dnipropetrovska	246	125	121				184	100	84			
Donetska	9	4	5				1	1	0			
Zhytomyrska	44	31	13				28	20	8			
Zakarpatska	78	40	38				43	28	15			
Zaporizka	54	32	22				15	7	8			
Ivano-Frankivska	81	50	31				70	44	26			
Kyivska	60	33	27				31	18	13			
Kirovohradska	114	52	62				81	48	33			
Luhanska	7	3	4				4	1	3			
Lvivska	159	108	51				105	70	35			
Mykolaivska	44	31	13				9	3	6			
Odessa	97	56	41				50	35	15			
Poltavska	64	42	22				48	30	18			
Rivnenska	40	21	19				33	21	12			
Sumska	71	43	28				50	35	15			
Ternopilka	49	28	21				35	17	18			
Kharkivska	28	14	14				3	2	1			
Khersonska	55	33	22				30	22	8			
Khmelynska	151	84	67				113	69	44			
Cherkaska	58	30	28				50	27	23			
Chernivetska	49	30	19				19	11	8			
Chernihivska	62	39	23				46	26	20			
Kyiv city	90	50	40				44	24	20			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂+♀
Ukraine	-	-	2.6	48.0	0.6	59.6		24.9	39.5	0.4	7733	3888	3845
AR Krym													
Vinnyska	-	-	1.4	87.0	-	61.9	-	34.8	37.6	1.4	250	117	133
Volynska	-	-	0.9	98.2	-	59.2	-	22.3	31.3	-	260	140	120
Dnipropetrovska	-	-	-	3.0	-	61.6	-	17.5	29.7	0.4	542	265	277
Donetska			55.6	33.3	-			88.9	100.0	-			
Zhytomyrska	-	-	2.4	83.3	-	58.5	-	31.0	68.2	-	173	98	75
Zakarpatska	-	-	-	-	-	68.0	-	25.3	42.3	-	298	145	153
Zaporizka	-	-	-	89.6	-	38.8	-	22.9	29.6	-	461	236	225
Ivano-Frankivska	-	-	-	84.8	-	69.0	-	17.7	34.6	-	218	124	94
Kyivska	-	-	-	92.3	-	48.5	-	26.9	53.3	-	418	206	212
Kirovohradska	-	-	1.0	68.0	-	70.1	2	22.0	30.7	1.0	188	83	105
Luhanska	-	-	-	33.3	-			16.7	42.9	-			
Lvivska	-	-	7.3	88.7	0.7	55.6	1	25.3	30.2	-	628	337	291
Mykolaivska	-	-	2.3	69.8	14.0	46.9	6	9.3	54.5	-	420	211	209
Odessa	-	-	-	58.8	2.4	45.6	1	34.1	53.6	1.2	699	363	336
Poltavska	-	-	34.4	50.0	1.6	62.1	-	25.0	42.2	-	252	132	120
Rivnenska	-	-	-	-	-	63.8	-	30.8	42.5	-	181	84	97
Sumska	-	-	-	1.4	-	47.0	-	17.4	50.7	-	262	117	145
Ternopilka	-	-	-	-	-	73.2	-	35.4	55.1	6.3	212	112	100
Kharkivska	-	-	7.7	76.9	3.8	41.8	1	61.5	71.4	-	590	286	304
Khersonska	-	-	-	20.8	-	72.4	-	18.9	36.4	-	191	83	108
Khmelynska	-	-	-	35.6	-	73.9	-	17.1	23.8	-	307	143	164
Cherkaska	-	-	2.0	82.0	-	69.4	5	26.0	46.6	-	170	75	95
Chernivetska	-	-	-	93.8	-	32.3	-	47.9	18.4	-	297	157	140
Chernihivska	-	-	-	1.7	-	72.3	-	27.6	51.6	-	173	91	82
Kyiv city	-	-	-	-	-	73.3	27	27.1	58.9	-	543	283	260
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

Table 1 - General rates, 2021	👤	👤	👤
Incidence: number of new cases*	886	488	398
Incidence (crude rate)	13.5	14.4	12.5
Incidence (age-standardized, world standard)	14.5	15.6	13.2
Incidence (age-standardized, Ukrainian standard)	13.5	14.2	12.6
Change of incidence rate 2021 compared to 2020, % (Ukrainian standard)	1.5% ~~	0.4% ~~	2.7% ~~
Mortality: number of new cases*	174	99	75
Mortality (crude rate)	2.6	2.9	2.4
Mortality (age-standardized, world standard)	2.8	3.1	2.5
Mortality (age-standardized, Ukrainian standard)	2.6	2.9	2.3
Lived less than 1 year since the diagnosis in 2021, %	10.6	9.5	12.0
From among the newly diagnosed – diagnosed post mortem, %	1.1	0.8	1.5
Microscopically verified diagnoses, %	94.4	94.5	94.2
Diagnoses verified with histology, %	81.9	81.4	82.7
Unspecified morphology, %	1.7	1.7	1.6
Patients diagnosed during the preventive medical examinations, %	8.5	7.6	9.5
Newly diagnosed patients received the special treatment, %	83.0	81.6	84.7
- surgical treatment only, %	9.9	7.4	13.0
- combined or complex scheme of treatment, %	18.1	16.5	20.2

* does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2021	Crude incidence rate per 100 000 of population			Age-standardized incidence rate (world standard)			Age-standardized incidence rate (Ukrainian standard)			Crude mortality rate per 100 000 of population			Age-standardized mortality rate (world standard)			Age-standardized mortality rate (Ukrainian standard)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
Ukraine	13.5	14.4	12.5	14.5	15.6	13.2	13.5	14.2	12.6	2.6	2.9	2.4	2.8	3.1	2.5	2.6	2.9	2.3
AR Krym																		
Vinnyska	11.7	10.6	12.8	12.8	12.2	13.4	12.1	11.3	13.1	3.3	4.2	2.3	3.9	5.4	2.5	3.1	4.2	2.0
Volynska	13.7	13.3	14.1	13.2	12.8	13.7	14.1	14.0	14.2	2.6	0.8	4.4	2.6	1.2	4.2	2.5	0.7	4.4
Dnipropetrovska	12.3	13.5	11.0	13.6	15.2	11.9	12.4	13.5	11.3	1.3	1.4	1.1	1.3	1.7	0.9	1.2	1.4	1.1
Donetska																		
Zhytomyrska	12.7	12.8	12.6	14.1	12.9	15.5	13.0	13.2	12.7	2.2	1.7	2.7	2.6	1.4	3.7	2.4	2.0	2.8
Zakarpatska	13.2	14.8	11.4	13.6	15.4	11.6	13.2	14.7	11.5	4.5	5.4	3.6	4.8	6.1	3.5	4.4	5.0	3.7
Zaporizka	11.1	11.8	10.3	12.5	13.3	11.7	10.6	11.3	9.7	1.8	2.8	0.7	1.5	2.3	0.6	1.8	2.7	0.8
Ivano-Frankivska	12.6	15.1	9.9	13.2	15.5	10.7	12.8	15.2	10.2	2.2	0.7	3.8	2.2	0.7	3.7	2.3	0.6	4.0
Kyivska	11.6	11.0	12.3	12.0	11.0	13.0	11.8	10.8	12.9	2.2	2.1	2.2	2.2	2.0	2.5	2.2	2.2	2.3
Kirovogradska	16.5	18.5	14.3	18.2	21.4	14.9	16.2	17.7	14.4	5.7	7.4	3.9	5.3	7.1	3.5	5.6	7.4	3.8
Luhanska																		
Lvivska	13.2	15.2	11.2	14.3	16.9	11.7	13.1	14.6	11.4	2.1	2.0	2.2	2.1	2.0	2.2	2.1	2.1	2.2
Mykolaiivska	14.7	17.7	11.5	15.0	17.2	12.6	14.5	18.0	10.8	2.0	1.0	3.1	2.0	0.9	3.2	2.0	0.8	3.2
Odeska	11.4	14.1	8.4	12.3	15.1	9.2	10.9	13.5	8.1	2.6	3.3	1.8	2.9	3.4	2.4	2.5	3.2	1.7
Poltavska	13.7	14.6	12.8	14.5	15.4	13.5	13.9	15.0	12.7	3.5	3.4	3.7	3.8	3.1	4.5	3.5	3.6	3.5
Rivnenska	13.6	14.3	12.8	14.2	15.7	12.7	13.4	13.7	13.0	3.3	4.3	2.3	3.9	5.2	2.4	3.3	4.3	2.2
Sumska	16.9	19.4	14.2	16.8	17.4	16.1	17.4	20.2	14.4	4.4	7.3	1.3	3.7	6.2	1.0	4.6	7.6	1.4
Ternopil'ska	11.1	13.4	8.7	14.0	15.9	11.9	10.5	12.7	8.3	0.5	1.0	0.0	0.8	1.5	0.0	0.5	0.9	0.0
Kharkiv'ska	15.0	17.1	12.7	16.7	19.8	13.5	15.2	17.1	13.1	2.8	4.1	1.5	3.3	4.7	1.9	2.7	4.0	1.3
Kherson'ska	16.4	16.4	16.4	18.7	19.3	17.9	16.0	15.6	16.5	2.6	4.1	1.1	3.4	5.7	1.0	2.6	3.7	1.4
Khmelnitska	19.8	19.7	19.9	20.9	22.5	19.3	20.1	19.3	21.1	2.2	2.6	1.8	2.5	2.7	2.4	2.2	2.4	2.0
Cherkaska	14.9	13.3	16.5	17.9	16.0	19.8	14.7	13.3	16.0	4.8	5.1	4.4	4.9	4.1	5.7	4.8	5.2	4.4
Chernivetska	12.1	16.0	8.0	12.4	16.3	8.1	12.1	16.1	7.9	2.2	1.1	3.4	2.0	1.0	3.1	1.9	0.9	3.0
Chernigiv'ska	13.9	11.7	16.2	16.1	13.6	18.8	13.8	11.6	16.2	2.6	2.6	2.7	2.3	2.2	2.5	2.4	2.5	2.3
Kyiv city	14.2	13.3	15.3	14.7	14.3	15.0	14.5	12.4	16.7	2.8	2.7	2.9	2.9	2.8	3.0	2.9	2.7	3.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2022	Number of new cancer cases registered in 2022*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2022*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
Ukraine												
AR Krym												
Vinnitska	16	9	7				3	1	2			
Volynska	24	13	11				4	2	2			
Dnipropetrovska	64	29	35				9	4	5			
Donetska	0	0	0				0	0	0			
Zhytomyrska	10	4	6				0	0	0			
Zakarpatska	31	17	14				3	2	1			
Zaporizka	10	4	6				3	1	2			
Ivano-Frankivska	19	9	10				5	1	4			
Kyivska	22	12	10				2	0	2			
Kirovohradska	18	11	7				4	2	2			
Luhanska	0	0	0				0	0	0			
Lvivska	66	32	34				3	0	3			
Mykolaivska	4	3	1				1	1	0			
Odessa	41	18	23				13	6	7			
Poltavska	18	13	5				3	1	2			
Rivnenska	22	10	12				1	0	1			
Sumska	18	6	12				1	0	1			
Ternopil'ska	12	6	6				5	2	3			
Kharkivska	18	12	6				1	1	0			
Khersonska	4	2	2				0	0	0			
Khmelnitska	26	15	11				5	3	2			
Cherkaska	12	5	7				2	1	1			
Chernivetska	30	16	14				1	1	0			
Chernihivska	7	3	4				4	2	2			
Kyiv city	17	11	6				4	2	2			
Sevastopol city												

* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

Table 4 - Rates, 2022	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2021, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patient are to be under the follow-up		
	I	II	III	IV	Not determined						♂	♀	♂
Ukraine						10.6		72.7	94.5	6.1	6366	3543	2823
AR Krym													
Vinnitska						15.6	-	75.0	100.0	6.3	272	143	129
Volynska						18.8	1	91.7	95.8	-	189	115	74
Dnipropetrovska						2.9	-	79.7	98.4	4.7	562	318	244
Donetska								-	-	-			
Zhytomyrska						7.1	1	90.0	100.0	-	219	112	107
Zakarpatska						8.1	1	26.7	93.5	-	223	131	92
Zaporizka						6.5	-	40.0	100.0	-	241	135	106
Ivano-Frankivska						11.8	-	61.1	100.0	5.6	200	110	90
Kyivska						19.0	-	86.4	77.3	4.5	360	222	138
Kirovohradska						34.6	2	83.3	100.0	-	154	86	68
Luhanska								-	-	-			
Lvivska						3.2	-	92.3	90.9	9.2	540	291	249
Mykolaivska						13.8	-	25.0	100.0	25.0	176	94	82
Odessa						19.2	1	75.6	85.4	2.4	409	229	180
Poltavska						6.5	-	66.7	100.0	44.4	245	146	99
Rivnenska						8.1	-	68.2	86.4	4.5	247	130	117
Sumska						11.1	-	50.0	100.0	-	167	90	77
Ternopil'ska						4.8	-	66.7	100.0	33.3	139	85	54
Kharkivska						9.7	2	77.8	100.0	-	409	234	175
Khersonska						9.7	-	100.0	100.0	-	154	72	82
Khmelnitska						11.1	1	96.2	96.2	3.8	261	143	118
Cherkaska						10.7	-	100.0	100.0	-	275	149	126
Chernivetska						9.5	-	30.0	100.0	-	179	97	82
Chernihivska						5.0	-	71.4	57.1	-	151	80	71
Kyiv city						8.6	1	70.6	100.0	17.6	594	331	263
Sevastopol city													

* - Ann-Arbour stage for lymphomas, TNM stage for other cancers

2021

Rates for selected cancer sites by age groups – incidence

Annex A

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE			
All sites																							C00-C96			
▼	27.9	22.1	10.6	11.9	15.8	23.2	29.1	38.6	59.2	113.5	205.2	377.7	663.4	994.6	1385.6	1726.8	1759.0	1550.3	804.8	56781	350.4	226.2	1.0			
▲	16.8	17.1	9.6	8.7	16.9	26.7	51.3	94.8	141.4	233.5	334.1	416.0	545.0	665.7	803.4	875.3	836.7	808.8	348.9	63274	339.3	184.8	0.8			
All sites, non-melanoma of skin excluded																							C00-C96 (C44, C46.0 excluded)			
▼	27.9	22.1	10.6	11.8	15.7	22.5	28.0	35.9	54.8	105.7	189.9	351.0	621.8	935.1	1284.8	1564.1	1554.7	1313.4	638.1	52085	321.4	208.5	0.9			
▲	16.8	17.1	9.5	8.7	16.7	26.2	49.3	90.6	135.4	222.8	315.6	393.4	507.9	613.7	725.0	759.8	698.5	639.7	245.4	56861	304.9	170.1	0.8			
Lip																							C00			
▼	-	-	-	-	-	-	-	0.1	0.1	0.3	0.7	1.6	2.7	3.8	6.5	9.4	10.9	13.5	12.1	276	1.7	1.0	0.1			
▲	-	-	-	-	-	-	-	0.2	-	-	0.1	0.1	0.4	0.8	1.5	1.9	4.5	7.9	3.4	145	0.8	0.3	0.0			
Oral cavity																							C01-C08, C46.2			
▼	-	-	-	-	-	0.2	0.3	1.1	2.1	4.5	10.4	18.8	26.2	34.5	31.9	29.5	19.3	21.7	11.4	1586	9.8	6.4	0.2			
▲	-	-	-	-	0.1	0.1	0.3	0.2	0.4	1.7	2.9	3.2	4.9	4.7	5.7	5.2	7.5	7.5	3.2	466	2.5	1.3	0.1			
Pharynx																							C09-C14			
▼	-	-	0.1	-	0.1	0.3	0.2	0.6	2.4	7.2	15.9	25.0	34.2	39.7	43.3	30.2	22.1	7.4	8.5	1951	12.0	8.0	0.2			
▲	-	-	0.1	-	-	0.2	0.1	0.1	0.4	1.6	2.4	2.6	2.7	4.2	4.6	2.0	2.1	2.4	1.5	298	1.6	0.9	0.1			
Oesophagus																							C15			
▼	-	-	-	-	-	-	0.1	0.3	0.4	2.5	5.6	11.7	20.9	26.5	32.9	28.4	23.3	23.4	9.2	1258	7.8	5.0	0.1			
▲	-	-	-	-	-	-	-	0.1	0.1	0.1	0.6	1.4	1.2	2.0	3.6	3.1	2.3	4.0	2.5	197	1.1	0.5	0.0			
Stomach																							C16			
▼	-	0.2	-	-	0.1	-	0.9	1.4	2.5	7.1	15.6	26.1	40.6	66.8	97.2	124.2	133.1	99.4	54.6	3800	23.4	14.8	0.2			
▲	-	-	-	-	-	0.6	1.1	1.8	2.9	5.5	7.7	11.7	15.1	23.9	33.7	40.6	44.6	44.3	18.1	2345	12.6	5.9	0.1			
Small intestine																							C17			
▼	-	-	-	-	-	-	-	-	0.1	0.4	0.9	1.4	1.5	2.2	3.0	3.4	3.6	2.2	2.1	129	0.8	0.5	0.0			
▲	-	-	-	-	-	-	0.1	0.1	0.3	0.4	0.4	1.2	1.2	1.9	2.2	2.2	1.2	1.7	0.6	144	0.8	0.4	0.0			
Colon																							C18			
▼	-	-	-	-	0.4	0.6	1.0	2.0	3.0	5.0	9.1	20.7	41.8	69.9	109.4	144.9	156.4	135.4	61.7	4061	25.1	15.5	0.2			
▲	-	-	-	-	0.4	0.2	0.8	1.8	2.9	5.7	9.9	17.2	30.2	46.5	67.6	81.2	79.1	82.6	28.0	4239	22.7	10.3	0.2			
Rectum, anus																							C19-C21			
▼	-	-	-	-	-	0.1	0.4	0.9	2.7	5.5	14.1	25.5	44.0	73.9	104.2	127.2	130.7	108.9	49.0	3931	24.3	15.2	0.2			
▲	-	-	-	-	0.1	0.2	0.1	0.9	3.3	5.7	11.3	15.9	26.4	37.1	49.4	57.9	55.9	50.0	16.8	3217	17.3	8.2	0.2			
Liver and intrahepatic bile ducts																							C22			
▼	0.8	0.2	0.2	0.1	-	0.1	0.4	0.2	1.1	1.2	3.5	7.4	16.5	20.1	21.6	20.4	25.7	27.3	11.4	965	6.0	3.8	0.1			
▲	-	0.3	-	-	0.1	-	0.5	0.1	0.7	0.6	1.1	2.8	4.1	5.9	8.0	10.5	13.7	12.8	5.1	591	3.2	1.4	0.1			
Gallbladder and extrahepatic bile ducts																							C23-C24			
▼	-	-	-	-	-	-	-	0.1	0.5	0.4	0.6	1.5	3.5	5.4	8.4	8.9	12.1	12.6	6.4	309	1.9	1.2	0.1			
▲	-	-	-	-	-	-	-	-	0.3	0.4	1.1	1.5	3.5	6.4	8.3	10.0	11.3	9.8	4.0	519	2.8	1.2	0.1			
Pancreas																							C25			
▼	-	-	-	-	0.1	-	0.1	0.9	2.0	4.2	8.3	16.2	28.9	39.5	50.8	66.0	55.9	51.2	27.7	2128	13.1	8.3	0.2			
▲	-	-	-	-	0.1	0.1	0.1	0.4	1.1	1.7	4.3	7.0	11.4	21.4	25.5	36.5	44.3	44.4	17.6	1907	10.2	4.4	0.1			

"-" - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

Annex A - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE		
Nasal cavity, accessory sinuses and middle ear																							C30-C31		
▼	-	-	-	0.1	-	0.1	-	0.3	0.4	1.8	1.9	2.2	3.0	3.4	3.3	6.4	4.8	-	180	1.1	0.7	0.1			
▲	-	-	-	-	-	0.1	0.1	0.5	0.1	0.4	0.8	0.8	0.7	1.0	1.3	0.9	2.6	1.4	1.1	112	0.6	0.3	0.0		
Larynx																							C32		
▼	-	-	-	-	-	-	-	0.1	0.9	2.7	7.2	14.0	25.7	35.3	35.6	30.0	22.9	16.9	5.0	1455	9.0	5.8	0.2		
▲	-	-	-	-	-	0.1	-	0.1	0.2	0.4	0.5	0.6	0.7	1.4	1.2	0.6	1.0	0.7	0.4	85	0.5	0.3	0.0		
Trachea, bronchus and lung																							C33-C34		
▼	-	-	-	0.1	0.2	0.2	0.6	1.9	3.4	10.6	20.4	56.0	116.6	178.7	230.0	246.9	222.8	165.7	61.7	8256	50.9	32.1	0.4		
▲	-	-	-	-	-	0.1	0.4	1.1	1.9	4.6	7.1	12.0	18.6	23.1	32.5	36.0	38.4	38.1	13.4	2176	11.7	5.5	0.1		
Thymus																							C37		
▼	-	-	-	-	-	-	0.2	0.2	-	0.3	0.7	0.5	0.3	0.3	0.7	0.9	-	0.4	-	41	0.3	0.2	0.0		
▲	-	-	-	-	0.1	-	-	0.2	0.1	0.2	0.5	0.5	0.5	0.3	0.6	0.2	-	-	-	40	0.2	0.1	0.0		
Heart, mediastinum																							C38 (C38.4 excluded)		
▼	0.8	0.2	0.1	0.1	-	0.1	0.5	0.2	-	0.2	0.6	0.3	0.5	1.5	1.5	1.6	1.2	1.3	-	71	0.4	0.3	0.0		
▲	2.4	0.2	-	0.1	-	-	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.2	0.3	0.2	-	0.2	32	0.2	0.2	0.0		
Pleura																							C38.4, C45.0		
▼	-	-	-	-	-	-	0.1	0.1	-	0.1	0.1	0.3	0.9	0.9	1.2	1.6	0.8	3.0	0.7	53	0.3	0.2	0.0		
▲	-	-	-	-	-	-	-	0.1	0.2	0.1	0.3	0.4	0.5	1.1	0.2	0.7	1.0	1.7	0.8	67	0.4	0.2	0.0		
Bones, joints and articular cartilage																							C40-C41		
▼	0.8	-	0.8	0.8	1.6	0.9	0.5	0.6	0.2	0.3	0.4	1.6	1.2	1.2	1.7	2.0	2.0	2.2	0.7	142	0.9	0.8	0.1		
▲	-	0.5	0.6	0.9	1.1	0.4	0.3	0.4	0.3	0.4	0.6	0.7	0.9	0.9	0.8	1.2	0.7	1.2	0.4	123	0.7	0.6	0.1		
Melanoma of skin																							C43		
▼	-	0.2	0.1	0.4	0.3	1.7	1.3	2.6	4.1	5.5	8.9	9.5	12.7	16.5	19.7	32.9	37.0	34.7	19.9	1251	7.7	5.1	0.1		
▲	-	-	-	0.1	0.2	1.1	2.7	4.2	4.5	8.3	10.8	11.2	13.2	15.9	15.5	17.9	20.3	20.3	9.6	1594	8.5	4.9	0.1		
Non-melanoma of skin																							C44, C46.0		
▼	-	-	-	0.1	0.1	0.7	1.1	2.7	4.5	7.8	15.3	26.7	41.5	59.5	100.8	162.6	204.3	236.9	166.8	4696	29.0	17.7	0.3		
▲	-	-	0.1	-	0.1	0.5	2.0	4.2	6.0	10.7	18.5	22.6	37.1	52.0	78.3	115.6	138.1	169.0	103.5	6413	34.4	14.7	0.2		
Mesothelioma (pleura excluded)																							C45.1-9		
▼	-	-	-	-	-	-	0.1	0.1	-	0.1	-	-	0.1	0.3	0.8	0.4	-	-	-	16	0.1	0.1	0.0		
▲	-	-	-	0.1	-	-	-	0.1	-	-	0.2	0.3	0.2	0.1	0.1	0.3	0.2	-	-	17	0.1	0.1	0.0		
Retroperitoneum and peritoneum																							C48		
▼	6.8	1.3	0.3	0.2	-	0.5	0.2	0.4	0.1	0.5	0.3	1.1	1.5	2.7	3.0	3.3	4.0	3.5	2.8	164	1.0	0.9	0.1		
▲	4.0	1.5	0.5	-	0.1	-	0.2	0.3	0.3	0.3	0.8	1.8	2.1	2.5	2.5	3.0	1.7	1.4	1.3	213	1.1	0.9	0.1		
Connective and other soft tissues																							C 46.1, C49		
▼	1.5	0.6	0.2	0.3	0.6	0.9	0.9	0.8	1.4	1.9	2.0	3.6	4.8	5.0	6.3	7.2	5.2	7.8	2.8	378	2.3	1.7	0.1		
▲	0.8	0.2	0.1	0.5	0.7	1.0	0.8	0.7	1.1	1.3	1.3	2.3	3.5	3.0	3.7	4.6	5.0	4.0	3.4	367	2.0	1.2	0.1		
Breast																							C50		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.2	1.1	1.6	1.7	3.6	2.9	3.6	3.5	0.7	114	0.7	0.4	0.0		
▲	-	-	-	-	0.2	2.2	6.2	21.5	45.4	82.0	109.6	106.6	126.7	148.2	170.6	167.2	134.8	115.7	46.1	14036	75.3	43.2	0.4		

“-” - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

2021

Rates for selected cancer sites by age groups – incidence

Annex A - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE																						
Vulva																																												C51	
▲	-	-	-	-	-	-	-	0.1	0.3	0.8	1.0	1.1	2.2	4.2	5.7	10.8	11.6	10.0	4.2	452	2.4	1.0	0.1																						
Vagina																																													C52
▲	-	-	-	-	-	-	-	0.1	-	0.2	0.5	0.4	0.6	1.2	1.2	2.3	1.6	1.7	1.1	102	0.5	0.3	0.0																						
Cervix uteri																																													C53
▲	-	-	-	-	-	1.1	6.6	14.6	21.3	30.8	36.2	34.0	32.2	28.9	24.0	20.6	15.4	15.0	5.5	3425	18.4	12.3	0.2																						
Corpus uteri																																													C54
▲	-	-	-	-	0.1	0.4	0.8	3.2	5.4	11.9	28.1	56.9	80.6	92.7	95.2	87.8	61.1	41.3	10.0	6382	34.2	18.3	0.2																						
Uterus, NOS																																													C55
▲	-	-	-	-	-	-	-	0.1	0.1	0.3	0.6	0.5	0.7	1.4	1.9	1.5	1.0	1.4	0.6	103	0.6	0.3	0.0																						
Ovary																																													C56
▲	0.8	-	0.2	0.5	1.5	1.6	3.0	5.6	7.8	14.9	24.2	30.5	35.9	35.3	37.7	31.0	24.3	21.9	5.7	3172	17.0	10.2	0.2																						
Other female genital organs																																													C57
▲	-	-	-	-	-	-	0.1	-	0.2	0.3	1.0	0.9	0.7	1.5	1.3	1.3	0.7	0.3	0.6	100	0.5	0.3	0.0																						
Placenta																																													C58
▲	-	-	-	-	0.1	0.6	0.3	0.4	0.3	0.1	0.1	0.2	-	-	-	-	-	-	-	23	0.1	0.1	0.0																						
Penis																																													C60
▼	-	-	-	-	-	-	0.1	0.2	0.2	0.6	0.9	1.4	1.4	3.5	3.2	5.8	5.6	6.1	2.1	179	1.1	0.7	0.1																						
Prostate gland																																													C61
▼	-	0.2	-	-	-	-	-	-	0.1	1.1	3.5	14.4	49.5	114.8	210.3	335.0	366.8	321.5	154.7	7220	44.6	26.7	0.3																						
Testis																																													C62
▼	-	-	0.1	0.1	1.8	3.6	5.0	3.9	3.9	4.2	2.6	2.1	2.1	1.9	0.9	0.7	0.8	-	0.7	382	2.4	2.1	0.1																						
Kidney																																													C64
▼	3.0	1.8	0.3	-	0.7	0.2	0.5	1.8	3.3	6.8	13.5	23.4	36.4	40.2	53.4	55.3	44.6	30.8	12.1	2316	14.3	9.5	0.2																						
▲	2.4	2.0	0.4	-	0.2	0.4	0.9	1.3	2.1	4.8	6.0	11.2	16.9	20.9	28.5	26.8	18.7	14.9	5.5	1710	9.2	5.0	0.1																						
Renal pelvis																																													C65
▼	-	-	-	-	-	-	-	-	0.1	0.5	0.2	0.4	1.0	1.6	2.8	2.9	2.0	2.6	0.7	88	0.5	0.3	0.0																						
▲	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.1	0.5	0.5	0.9	0.7	1.6	0.3	-	48	0.3	0.1	0.0																						
Ureter																																													C66
▼	-	-	-	-	-	-	-	-	-	0.2	0.2	0.6	0.6	1.6	1.7	2.5	2.0	1.7	0.7	70	0.4	0.3	0.0																						
▲	-	-	-	-	-	-	0.1	0.1	0.1	-	0.3	0.2	0.1	0.1	0.6	0.7	0.7	0.7	0.4	35	0.2	0.1	0.0																						
Bladder																																													C67
▼	1.5	-	0.2	-	0.2	0.6	0.8	0.9	1.8	4.3	7.5	15.8	30.8	48.8	77.5	105.7	106.6	111.9	61.0	2980	18.4	11.4	0.2																						
▲	-	0.2	-	-	-	0.1	0.2	0.3	0.7	0.9	1.2	3.4	4.1	4.7	8.9	11.6	17.0	17.1	8.1	666	3.6	1.5	0.1																						
Eye and adnexa																																													C69
▼	-	1.8	-	-	-	-	0.1	-	0.1	0.3	0.5	1.2	1.0	0.9	2.0	1.4	0.8	0.9	-	82	0.5	0.5	0.1																						
▲	-	1.7	0.3	-	-	-	-	0.3	0.5	0.4	0.4	0.6	1.1	1.0	1.4	1.4	1.2	0.5	0.4	113	0.6	0.5	0.1																						

"- " - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

2021

Rates for selected cancer sites by age groups – incidence

Annex A - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE		
Brain, meninges and other parts of central nervous system																							C70-C72		
▼	2.3	2.4	2.5	2.3	1.7	2.2	2.4	2.7	3.0	4.5	6.8	7.9	11.1	12.4	12.8	12.8	12.9	6.9	5.0	902	5.6	4.4	0.2		
▲	1.6	2.7	2.2	1.7	1.3	1.0	1.7	2.5	2.6	3.9	4.3	6.2	8.7	9.7	10.8	8.0	5.2	4.2	1.5	869	4.7	3.4	0.1		
of which: Brain																							C71		
▼	2.3	2.4	2.2	2.0	1.6	2.2	2.4	2.5	2.8	4.4	6.6	7.1	10.7	11.7	12.7	12.5	12.5	6.9	4.3	862	5.3	4.2	0.2		
▲	1.6	2.7	2.0	1.4	1.3	1.0	1.5	2.4	2.5	3.5	4.0	5.7	8.1	9.2	10.4	7.7	5.0	4.0	1.5	820	4.4	3.2	0.1		
Thyroid																							C73		
▼	-	-	0.2	0.4	1.1	1.3	3.5	2.8	4.3	4.7	4.9	5.7	5.3	5.4	5.7	4.3	1.2	1.7	2.1	539	3.3	2.5	0.1		
▲	-	-	0.1	1.0	3.1	6.9	11.9	17.4	17.6	18.6	20.8	21.6	22.9	15.8	14.8	7.9	7.3	5.1	1.9	2361	12.7	9.7	0.2		
Other endocrine glands																							C74-C75		
▼	3.0	0.6	0.2	0.2	0.1	0.2	-	0.1	0.1	0.2	0.1	0.5	0.4	1.3	1.7	1.6	-	0.9	0.7	70	0.4	0.4	0.1		
▲	0.8	-	-	-	-	-	-	0.2	0.2	0.4	0.2	0.5	0.8	1.3	0.7	0.6	0.9	0.5	0.4	73	0.4	0.2	0.0		
Lymphomas and other immune- and lymphoproliferative diseases																							C81-C85, C88, C90		
▼	1.5	2.2	1.8	3.0	3.3	5.6	5.5	5.7	6.3	9.5	9.8	14.2	21.6	25.1	33.4	37.8	33.0	20.4	8.5	1861	11.5	8.6	0.2		
▲	-	0.2	1.0	2.0	4.3	5.0	7.5	6.8	6.4	7.8	8.7	13.4	14.1	16.8	21.9	27.6	20.1	12.9	5.3	1934	10.4	6.9	0.2		
of which: Hodgkin lymphoma																							C81		
▼	-	1.0	0.5	1.5	1.7	3.9	3.5	2.8	2.4	3.4	1.6	1.9	2.2	3.1	2.9	2.7	1.6	2.2	0.7	378	2.3	2.1	0.1		
▲	-	-	0.3	1.5	3.2	4.2	5.8	3.4	3.2	1.9	1.9	1.4	1.6	0.9	1.5	1.8	1.4	1.2	1.1	392	2.1	2.2	0.1		
non- Hodgkin lymphomas																							C82-C83, C85		
▼	0.8	1.1	1.4	1.2	1.3	1.5	1.8	2.3	3.4	4.2	5.6	7.7	12.5	13.5	18.6	22.8	21.3	10.0	5.7	988	6.1	4.4	0.2		
▲	-	-	0.7	0.5	0.8	0.6	1.5	2.8	2.5	4.5	5.0	7.4	7.5	8.7	12.5	15.9	11.6	8.4	3.4	994	5.3	3.1	0.1		
Multiple myeloma and plasma cell tumors																							C90		
▼	-	-	-	-	-	-	0.1	0.1	0.1	1.3	1.8	3.1	5.5	6.2	9.6	9.2	7.6	5.6	1.4	356	2.2	1.4	0.1		
▲	-	-	-	-	0.1	-	-	0.2	0.4	0.6	1.4	3.3	3.6	5.8	6.6	8.2	5.6	2.1	0.4	413	2.2	1.1	0.1		
Leukemias																							C91-C95		
▼	6.0	9.7	3.5	3.5	3.0	2.5	2.1	2.3	2.7	3.6	6.5	9.2	14.4	19.4	27.6	33.6	35.8	20.4	12.8	1408	8.7	7.1	0.2		
▲	4.0	6.6	3.6	1.6	2.4	1.7	2.0	1.6	2.1	2.8	4.8	5.3	10.1	13.6	15.3	18.8	15.6	12.9	3.6	1246	6.7	4.7	0.2		
of which: Lymphoid leukemias																							C91		
▼	1.5	8.1	2.9	2.3	1.9	0.7	0.5	0.5	0.9	1.5	2.4	4.5	7.0	10.5	13.2	15.5	15.7	10.8	7.1	692	4.3	3.8	0.2		
▲	1.6	5.1	2.7	0.9	1.5	0.5	0.8	0.4	0.7	0.7	1.2	2.0	3.7	5.5	6.4	8.4	7.5	6.3	1.9	533	2.9	2.3	0.1		
Myeloid leukemias																							C92		
▼	3.8	1.0	0.4	1.0	1.0	1.2	1.3	1.0	1.0	1.3	2.2	2.7	3.4	4.6	7.5	9.2	9.2	5.2	5.0	394	2.4	1.9	0.1		
▲	1.6	1.2	0.5	0.5	0.8	0.9	0.9	0.7	0.7	1.1	1.9	1.4	2.2	3.7	3.8	4.9	3.8	2.6	0.6	335	1.8	1.3	0.1		
Leukemia of unspecified cell type																							C95		
▼	-	0.3	0.1	0.1	-	0.2	0.1	0.2	0.1	0.2	0.3	0.5	0.7	0.5	1.7	1.4	2.8	-	0.7	65	0.4	0.3	0.0		
▲	0.8	-	0.2	0.1	-	0.2	0.1	-	0.1	0.1	0.3	0.2	0.6	0.9	0.5	1.0	1.9	1.4	0.2	72	0.4	0.2	0.0		
Unknown primary site																							C77-C80		
▼	-	0.2	-	-	0.1	0.1	0.4	0.2	1.4	3.9	5.3	7.7	16.2	27.1	32.7	36.5	41.0	39.0	27.0	1354	8.4	5.3	0.1		
▲	-	-	-	-	0.2	0.6	0.3	0.6	1.1	1.8	2.4	4.5	6.2	10.3	13.9	15.4	20.0	24.5	12.7	1008	5.4	2.4	0.1		

“-” - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

2021

Rates for selected cancer sites by age groups – mortality

Annex B

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE			
All sites																							C00-C96			
▼	5.3	3.5	2.8	2.6	2.8	5.0	5.9	11.0	19.5	38.3	90.1	178.0	333.5	514.8	743.5	927.1	1053.6	1035.3	597.6	29534	182.2	114.0	0.7			
▲	4.0	3.2	2.0	1.7	3.3	3.9	6.7	12.9	26.9	44.9	77.9	120.7	170.2	238.0	312.1	395.8	428.5	470.7	238.4	23475	125.9	59.1	0.4			
All sites, non-melanoma of skin excluded																							C00-C96 (C44, C46.0 excluded)			
▼	5.3	3.5	2.8	2.6	2.8	5.0	5.9	11.0	19.4	38.2	89.6	177.4	331.8	513.2	739.7	920.6	1038.0	1014.9	574.2	29301	180.8	113.2	0.7			
▲	4.0	3.2	2.0	1.7	3.3	3.9	6.7	12.8	26.8	44.9	77.6	120.5	169.7	237.5	311.4	393.0	423.6	458.6	222.3	23243	124.6	58.8	0.4			
Lip																							C00			
▼	-	-	-	-	-	-	-	-	0.1	-	0.2	0.1	0.5	1.0	1.8	3.1	3.2	6.1	5.0	79	0.5	0.3	0.0			
▲	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.2	0.5	0.9	1.1	19	0.1	0.0	0.0			
Oral cavity																							C01-C08, C46.2			
▼	-	-	-	-	-	0.1	0.1	0.5	0.6	2.9	6.1	10.7	17.3	23.8	23.6	21.5	12.1	17.4	8.5	1050	6.5	4.2	0.1			
▲	-	-	-	-	-	0.1	-	0.2	0.4	0.5	1.3	1.5	2.1	2.6	2.8	2.3	4.9	4.7	3.2	243	1.3	0.6	0.0			
Pharynx																							C09-C14			
▼	-	-	-	-	0.1	0.2	0.1	0.2	1.0	2.5	9.9	13.1	24.5	30.1	31.3	25.7	19.7	6.5	5.0	1331	8.2	5.4	0.1			
▲	-	0.2	-	0.1	-	-	-	0.1	0.3	0.6	1.0	1.5	1.7	1.6	1.5	0.6	1.9	1.2	1.5	140	0.8	0.4	0.0			
Oesophagus																							C15			
▼	-	-	-	-	-	-	-	-	0.3	1.7	5.2	8.4	13.5	21.7	23.6	22.6	23.7	14.3	7.1	949	5.9	3.8	0.1			
▲	-	-	-	-	-	-	-	0.1	0.1	0.1	0.4	0.6	0.9	0.9	1.7	2.5	1.2	2.8	1.7	119	0.6	0.3	0.0			
Stomach																							C16			
▼	-	-	-	-	-	-	0.5	1.3	1.3	3.4	8.1	17.5	25.7	42.1	66.6	85.7	98.9	90.7	46.1	2573	15.9	9.9	0.2			
▲	-	-	-	-	-	0.1	0.3	0.6	2.0	3.9	4.5	6.2	9.4	14.9	24.6	27.6	33.7	37.3	16.4	1619	8.7	3.9	0.1			
Small intestine																							C17			
▼	-	-	-	-	-	-	-	-	0.2	-	0.2	0.6	0.9	0.7	1.3	2.0	2.0	2.6	2.8	64	0.4	0.2	0.0			
▲	-	-	-	-	-	-	-	-	0.1	-	-	0.3	0.7	0.6	1.0	0.9	0.9	1.2	1.1	61	0.3	0.1	0.0			
Colon																							C18			
▼	-	-	-	-	-	0.3	0.3	0.6	1.2	0.8	2.9	7.6	16.9	29.6	54.6	74.5	93.3	101.1	61.7	2017	12.4	7.5	0.2			
▲	-	-	-	-	0.1	0.1	0.3	0.5	1.1	1.6	3.1	6.3	11.8	19.8	29.3	37.3	42.0	60.7	29.3	2057	11.0	4.5	0.1			
Rectum, anus																							C19-C21			
▼	-	-	-	-	-	0.2	0.1	0.4	0.9	1.4	5.0	10.5	17.4	32.5	54.8	70.7	94.1	93.7	51.1	2055	12.7	7.7	0.2			
▲	-	-	-	-	0.1	0.1	0.1	0.3	1.3	1.6	2.7	5.7	8.0	13.9	19.0	28.7	34.9	44.3	16.4	1504	8.1	3.3	0.1			
Liver and intrahepatic bile ducts																							C22			
▼	-	-	-	-	-	0.2	0.3	0.2	0.5	0.9	2.9	5.6	12.7	15.3	17.9	18.8	22.1	23.4	8.5	773	4.8	3.0	0.1			
▲	-	-	-	-	-	0.2	0.1	0.1	0.4	0.9	2.1	3.0	4.7	6.5	8.1	11.1	12.2	4.0	466	2.5	1.1	0.1				
Gallbladder and extrahepatic bile ducts																							C23-C24			
▼	-	-	-	-	-	-	-	0.1	0.3	0.3	0.5	1.4	2.3	3.6	5.5	5.4	9.2	7.8	6.4	213	1.3	0.8	0.1			
▲	-	-	-	-	-	-	-	-	0.1	0.1	0.6	1.3	1.7	3.9	5.3	5.9	8.3	7.5	3.8	337	1.8	0.8	0.0			
Pancreas																							C25			
▼	-	-	-	-	0.1	-	0.1	0.6	1.6	2.6	5.8	12.2	20.9	29.9	36.9	54.0	46.7	43.4	22.0	1621	10.0	6.3	0.2			
▲	-	-	-	-	-	-	-	0.1	0.5	1.0	2.4	4.4	8.5	14.7	18.2	28.6	34.5	35.0	15.9	1406	7.5	3.1	0.1			

"-" - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

2021

Rates for selected cancer sites by age groups – mortality

Annex B - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE		
Nasal cavity, accessory sinuses and middle ear																							C30-C31		
▼	-	-	-	-	-	-	0.1	0.1	-	0.5	1.2	0.9	1.9	1.6	1.6	2.7	3.2	3.5	2.1	115	0.7	0.5	0.0		
▲	-	-	-	-	-	0.2	0.1	0.1	0.1	0.1	0.1	0.6	0.9	0.4	0.7	0.7	1.6	1.4	0.8	72	0.4	0.2	0.0		
Larynx																							C32		
▼	-	-	-	-	-	-	-	0.1	0.3	0.8	3.1	5.4	11.2	19.1	22.3	24.8	23.3	23.4	2.8	847	5.2	3.3	0.1		
▲	-	-	-	-	-	-	-	0.1	0.1	-	0.1	0.2	0.2	0.5	0.3	0.3	0.3	0.7	0.6	30	0.2	0.1	0.0		
Trachea, bronchus and lung																							C33-C34		
▼	-	-	-	0.1	-	0.1	0.3	0.6	2.6	6.2	12.8	37.5	83.4	128.7	182.4	200.4	187.8	142.3	68.1	6260	38.6	24.1	0.3		
▲	-	-	-	-	0.1	-	-	0.1	1.6	2.4	3.9	5.4	9.7	14.9	20.3	24.8	28.8	27.3	10.4	1377	7.4	3.3	0.1		
Thymus																							C37		
▼	-	-	-	-	0.1	-	0.1	0.1	0.2	-	0.2	0.1	0.1	0.3	0.4	0.4	0.4	0.4	0.7	21	0.1	0.1	0.0		
▲	-	-	-	-	0.1	-	-	0.1	-	-	-	-	0.1	0.2	0.2	-	-	-	-	8	0.0	0.0	0.0		
Heart, mediastinum																							C38 (C38.4 excluded)		
▼	-	-	-	0.1	-	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.5	0.8	0.9	1.3	0.8	0.4	-	43	0.3	0.2	0.0		
▲	0.8	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	0.1	0.2	0.1	-	-	0.2	11	0.1	0.0	0.0		
Pleura																							C38.4, C45.0		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.2	0.4	0.7	0.6	1.5	0.7	1.6	2.2	0.7	50	0.3	0.2	0.0		
▲	-	-	-	-	-	-	-	-	0.2	-	0.2	0.1	0.1	0.6	0.4	0.6	0.7	0.5	0.6	37	0.2	0.1	0.0		
Bones, joints and articular cartilage																							C40-C41		
▼	-	-	0.1	0.2	0.7	0.6	0.2	0.1	0.1	0.3	0.2	0.8	1.3	1.5	1.5	1.1	2.4	3.0	1.4	95	0.6	0.5	0.1		
▲	-	-	0.1	0.3	0.5	0.2	0.1	-	-	0.1	0.2	0.4	0.5	0.5	1.0	0.2	0.7	0.7	0.4	58	0.3	0.2	0.0		
Melanoma of skin																							C43		
▼	-	-	0.1	-	-	0.2	0.3	0.4	0.8	0.9	1.8	3.0	4.8	5.3	8.7	12.8	10.5	16.5	7.8	406	2.5	1.6	0.1		
▲	-	-	-	-	0.1	0.4	0.3	0.4	0.9	1.0	1.8	1.8	3.7	4.2	4.0	5.6	7.6	7.3	3.6	399	2.1	1.1	0.1		
Non-melanoma of skin																							C44, C46.0		
▼	-	-	-	-	-	-	-	-	0.1	0.2	0.5	0.6	1.6	1.6	3.8	6.5	15.7	20.4	23.4	233	1.4	0.8	0.1		
▲	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.2	0.5	0.6	0.7	2.8	4.9	12.1	16.1	232	1.2	0.3	0.0		
Mesothelioma (pleura excluded)																							C45.1-9		
▼	-	-	-	-	-	-	-	0.1	-	0.2	0.1	-	-	0.1	0.7	0.2	0.8	-	-	13	0.1	0.1	0.0		
▲	-	-	-	0.1	-	-	-	-	0.1	-	0.1	0.1	-	0.1	-	0.5	-	-	-	11	0.1	0.0	0.0		
Retroperitoneum and peritoneum																							C48		
▼	0.8	0.6	0.1	0.1	-	-	-	0.2	-	0.1	0.2	0.8	1.0	1.8	2.0	2.0	4.8	2.2	0.7	95	0.6	0.4	0.1		
▲	-	0.2	0.1	-	-	0.1	0.2	0.1	0.3	-	0.5	0.7	1.0	0.8	1.8	2.1	1.2	1.0	0.8	109	0.6	0.3	0.0		
Connective and other soft tissues																							C 46.1, C49		
▼	0.8	0.5	0.1	-	0.1	-	0.3	0.4	0.7	0.7	1.7	0.5	2.2	2.5	3.6	2.7	4.4	3.9	1.4	172	1.1	0.8	0.1		
▲	-	-	-	0.1	0.2	0.4	0.1	0.4	0.4	0.1	0.5	0.4	1.3	1.6	1.7	2.5	3.8	1.9	1.9	158	0.8	0.4	0.0		
Breast																							C50		
▼	-	-	-	-	-	-	-	-	-	-	0.2	-	0.6	1.0	0.5	0.7	2.0	2.2	-	37	0.2	0.1	0.0		
▲	-	-	-	-	-	-	0.9	1.6	6.2	10.7	20.1	27.9	37.2	49.3	60.2	79.8	75.7	87.0	45.9	4732	25.4	12.1	0.2		

"-" - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

2021

Rates for selected cancer sites by age groups – mortality

Annex B - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE	
Vulva																							C51	
▲	-	-	-	-	-	-	-	-	-	0.1	0.3	0.6	0.6	1.4	2.5	3.9	4.5	5.1	4.9	187	1.0	0.4	0.0	
Vagina																							C52	
▲	-	-	-	-	-	-	-	-	-	0.1	0.1	0.7	0.2	0.6	0.6	1.4	0.5	0.3	0.2	49	0.3	0.1	0.0	
Cervix uteri																							C53	
▲	-	-	-	-	-	0.1	0.7	3.3	5.0	9.1	12.6	14.9	13.4	13.5	13.8	14.2	12.7	11.9	5.1	1436	7.7	4.6	0.1	
Corpus uteri																							C54	
▲	-	-	-	-	-	-	0.1	-	0.3	0.7	2.6	7.0	11.8	17.7	21.6	29.2	25.7	23.3	13.4	1436	7.7	3.4	0.1	
Uterus, NOS																							C55	
▲	-	-	-	-	-	-	-	-	-	0.1	0.4	0.5	0.5	0.9	0.8	0.7	0.5	1.2	0.4	62	0.3	0.2	0.0	
Ovary																							C56	
▲	0.8	-	-	-	0.1	0.1	0.6	1.1	1.7	3.7	7.4	13.1	16.6	18.3	21.2	23.6	19.1	16.6	5.7	1555	8.3	4.4	0.1	
Other female genital organs																							C57	
▲	-	-	-	-	-	-	-	-	-	-	0.1	0.6	0.5	0.9	0.5	1.2	0.3	0.2	0.6	50	0.3	0.1	0.0	
Placenta																							C58	
▲	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	1	0.0	0.0	0.0	
Penis																							C60	
▼	-	-	-	-	-	-	-	-	0.1	0.2	0.6	0.4	0.4	0.7	1.5	2.0	2.0	3.5	1.4	62	0.4	0.2	0.0	
Prostate gland																							C61	
▼	-	-	-	-	-	-	0.1	-	0.1	0.2	0.7	3.8	10.3	27.9	64.3	126.5	198.7	228.2	137.0	2846	17.6	10.1	0.2	
Testis																							C62	
▼	-	-	-	-	0.2	0.2	0.3	0.5	0.4	0.8	0.7	0.5	0.4	0.5	0.9	0.9	0.8	0.4	-	69	0.4	0.3	0.0	
Kidney																							C64	
▼	0.8	0.5	0.1	-	-	-	-	0.1	0.3	0.7	3.9	8.0	16.0	18.1	28.4	31.6	31.4	25.2	20.6	1061	6.5	4.2	0.1	
▲	0.8	-	0.1	-	-	-	-	0.1	-	0.5	0.5	1.8	3.1	5.7	10.3	11.3	13.0	10.3	5.1	558	3.0	1.3	0.1	
Renal pelvis																							C65	
▼	-	-	-	-	-	-	-	-	0.1	0.2	0.2	0.1	0.2	0.6	0.3	0.9	0.8	1.7	0.7	29	0.2	0.1	0.0	
▲	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.4	0.1	0.3	0.6	0.5	1.0	0.2	29	0.2	0.1	0.0	
Ureter																							C66	
▼	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.5	0.3	1.1	1.6	2.2	-	-	24	0.1	0.1	0.0	
▲	-	-	-	-	-	-	-	-	-	-	0.1	-	0.2	-	0.2	0.2	0.7	-	0.2	13	0.1	0.0	0.0	
Bladder																							C67	
▼	-	-	0.1	-	-	-	0.1	-	0.1	0.4	1.0	3.3	8.7	14.7	29.3	44.3	54.3	76.8	58.2	1157	7.1	4.2	0.1	
▲	-	0.2	-	-	-	-	-	-	-	-	0.2	0.5	0.9	0.9	2.1	3.7	7.3	8.7	6.4	217	1.2	0.4	0.0	
Eye and adnexa																							C69	
▼	-	-	-	-	-	-	0.1	0.1	-	0.1	0.1	0.4	0.2	1.0	0.8	0.9	0.4	-	2.1	36	0.2	0.1	0.0	
▲	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.2	0.3	0.3	1.0	1.0	0.5	1.0	0.6	49	0.3	0.1	0.0

"-" - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

Annex B - continued

Age	0+	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Cases*	CR	ASR(W)	SE		
Brain, meninges and other parts of central nervous system																							C70-C72		
▼	-	0.3	1.3	1.0	0.9	0.7	0.8	1.7	2.0	3.5	5.0	7.6	9.7	10.0	11.6	10.1	10.1	6.5	4.3	684	4.2	3.0	0.1		
▲	-	1.2	0.6	0.4	0.9	0.5	0.9	1.4	1.0	2.6	3.0	4.5	6.0	6.1	8.0	5.7	4.3	2.3	0.8	561	3.0	2.0	0.1		
of which: Brain																							C71		
▼	-	0.3	1.3	0.9	0.9	0.7	0.8	1.7	1.9	3.3	5.0	7.2	9.5	9.7	11.5	9.9	9.2	6.1	3.5	665	4.1	3.0	0.1		
▲	-	1.2	0.6	0.4	0.8	0.5	0.9	1.4	0.9	2.5	2.9	4.5	6.0	5.9	7.7	5.6	4.2	2.1	0.8	547	2.9	2.0	0.1		
Thyroid																							C73		
▼	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.5	0.7	1.0	1.6	2.0	0.8	3.0	2.1	61	0.4	0.2	0.0		
▲	-	-	-	-	-	-	-	-	-	0.1	0.2	0.4	0.7	0.7	1.2	2.6	3.0	4.5	1.1	117	0.6	0.2	0.0		
Other endocrine glands																							C74-C75		
▼	0.8	0.3	-	-	-	0.1	-	-	0.1	-	0.2	0.5	0.4	1.2	1.3	1.6	0.8	0.9	0.7	54	0.3	0.3	0.0		
▲	-	0.2	0.1	-	-	-	-	-	0.1	0.1	0.2	0.4	0.4	0.5	0.3	0.6	0.7	0.5	0.6	46	0.2	0.1	0.0		
Lymphomas and other immune- and lymphoproliferative diseases																							C81-C85, C88, C90		
▼	-	0.3	0.3	0.1	0.2	0.7	1.0	1.2	1.6	2.4	2.6	5.8	6.5	12.4	15.0	19.5	19.3	14.3	9.2	703	4.3	2.9	0.1		
▲	-	-	-	0.2	-	0.6	0.3	1.1	1.2	1.7	1.7	2.8	4.9	6.5	10.6	13.2	10.1	9.6	3.6	670	3.6	1.8	0.1		
of which: Hodgkin lymphoma																							C81		
▼	-	-	-	-	0.1	0.3	0.5	0.5	0.6	0.6	0.5	0.5	1.0	1.8	1.2	1.3	1.6	1.3	-	96	0.6	0.4	0.0		
▲	-	-	-	-	-	0.5	0.1	0.3	0.3	0.4	0.5	0.4	1.0	0.4	0.7	0.9	-	0.9	0.2	71	0.4	0.3	0.0		
non-Hodgkin lymphomas																							C82-C83, C85		
▼	-	0.2	0.2	0.1	0.1	0.3	0.4	0.6	0.9	1.3	1.5	2.9	3.6	6.2	7.9	12.3	13.3	8.2	5.0	390	2.4	1.6	0.1		
▲	-	-	-	0.1	-	0.1	0.2	0.6	0.8	1.0	1.1	1.6	2.3	3.2	5.8	7.1	6.1	5.6	3.0	369	2.0	1.0	0.1		
Multiple myeloma and plasma cell tumors																							C90		
▼	-	-	-	-	-	-	-	-	0.1	0.2	0.5	1.8	1.6	3.1	5.5	5.1	4.0	2.6	3.5	171	1.1	0.7	0.1		
▲	-	-	-	-	-	-	-	0.1	-	0.2	0.1	0.6	1.5	2.4	3.7	4.6	3.5	2.8	0.2	195	1.0	0.5	0.0		
Leukemias																							C91-C95		
▼	2.3	0.8	0.7	1.0	0.3	0.8	0.7	0.9	1.0	1.4	2.4	3.1	4.2	9.2	13.6	17.9	22.5	13.5	9.2	592	3.7	2.6	0.1		
▲	1.6	1.0	0.9	0.5	0.9	0.5	1.3	0.6	0.8	0.4	2.1	1.6	3.2	5.5	6.6	7.9	9.0	8.4	3.0	513	2.8	1.7	0.1		
of which: Lymphoid leukemias																							C91		
▼	-	0.8	0.4	0.8	0.2	0.3	0.3	0.4	0.4	0.8	0.7	1.1	1.9	3.8	6.6	9.2	12.1	6.1	5.7	279	1.7	1.2	0.1		
▲	0.8	0.7	0.5	0.3	0.6	-	0.2	0.1	0.1	0.1	0.5	0.5	1.2	1.8	2.8	3.2	4.0	4.2	2.5	204	1.1	0.6	0.1		
Myeloid leukemias																							C92		
▼	2.3	-	0.1	0.2	0.1	0.3	0.4	0.5	0.5	0.2	1.3	1.5	1.1	3.0	4.2	4.7	5.6	3.0	1.4	186	1.1	0.8	0.1		
▲	-	0.3	0.2	0.2	0.4	0.2	0.6	0.3	0.5	0.3	0.9	0.7	1.1	1.8	2.1	2.6	2.1	1.7	0.2	167	0.9	0.6	0.1		
Leukemia of unspecified cell type																							C95		
▼	-	-	0.2	-	-	0.1	0.1	-	0.1	0.2	0.2	0.3	0.7	1.0	1.1	0.9	2.0	0.9	-	49	0.3	0.2	0.0		
▲	0.8	-	0.1	-	-	0.2	0.2	-	0.1	0.1	0.3	0.1	0.5	0.9	0.4	0.7	1.2	1.4	-	59	0.3	0.2	0.0		
Unknown primary site																							C77-C80		
▼	-	0.2	-	-	-	-	0.1	0.1	0.8	1.5	3.1	5.5	12.9	20.9	25.5	26.6	25.7	30.8	18.5	981	6.1	3.8	0.1		
▲	-	-	-	-	-	-	0.2	0.3	0.7	0.6	1.5	2.7	3.4	6.4	8.5	11.4	15.3	16.3	10.4	661	3.5	1.5	0.1		

“-” - no cases registered; 0.0 - rate less than 0.05

* does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

The most prevalent cancers, %

Males

Non-melanoma of skin (C44,C46.0)	19.2
Prostate (C61)	12.9
Bladder (C67)	7.1
Colon (C18)	6.7
Trachea, bronchus and lung (C33-C34)	6.3
Rectum and anus (C19-C21)	6.3
Kidney (C64)	5.6
Stomach (C16)	4.2
Larynx (C32)	3.3
Leukaemia (C91-C95)	3.1
Skin melanoma (C43)	2.7
Non-Hodgkin's lymphomas (C82-C85)	2.0
Thyroid gland (C73)	2.0
Lip (C00)	1.9
Oral cavity (C01-C08,C46.2)	1.8
Pharynx (C09-C14)	1.8
Testis (C62)	1.8
Hodgkin's disease (C81)	1.7
Brain and CNS (C70-C72)	1.4
Pancreas (C25)	1.1
Unspecified primary site (C77-C80)	1.0
Soft and connective tissue (C46.1,C49)	0.9
Hodgkin's disease (C81)	0.7
Others	4.5

Females

Breast (C50)	23.6
Non-melanoma of skin (C44,C46.0)	16.2
Uterine corpus (C54)	12.3
Uterine cervix (C53)	8.0
Thyroid gland (C73)	6.0
Colon (C18)	4.6
Ovary (C56)	4.5
Rectum and anus (C19-C21)	3.7
Kidney (C64)	2.9
Skin melanoma (C43)	2.7
Stomach (C16)	1.8
Leukaemia (C91-C95)	1.6
Trachea, bronchus and lung (C33-C34)	1.4
Hodgkin's disease (C81)	1.3
Non-Hodgkin's lymphomas (C82-C85)	1.2
Bladder (C67)	1.0
Brain and CNS (C70-C72)	0.8
Soft and connective tissue (C46.1,C49)	0.7
Pancreas (C25)	0.6
Oral cavity (C01-C08,C46.2)	0.6
Unspecified primary site (C77-C80)	0.5
Vulva (C51)	0.5
Lip (C00)	0.4
Others	3.3

Number of cancer patients by site *

Site	Persons number	Males number	Females number
All sites (C00-C96)	1105152	393452	711700
<i>All sites excluding non-melanoma of skin (C00-C96 excl. C44, C46.0)</i>	914398	317778	596620
Non-melanoma of skin (C44,C46.0)	190754	75674	115080
Breast (C50)	168836	988	167848
Uterine corpus (C54)	87495		87495
Colon (C18)	59422	26476	32946
Uterine cervix (C53)	57224		57224
Prostate (C61)	50717	50717	
Rectum and anus (C19-C21)	50632	24638	25994
Thyroid gland (C73)	50192	7827	42365
Kidney (C64)	42165	21871	20294
Bladder (C67)	35461	28053	7408
Trachea, bronchus and lung (C33-C34)	34569	24922	9647
Ovary (C56)	31754		31754
Skin melanoma (C43)	29574	10579	18995
Stomach (C16)	29435	16460	12975
Leukemia (C91-C95)	23851	12243	11608
Non-Hodgkin's lymphomas (C82-C85)	16431	7989	8442
Hodgkin's lymphoma (C81)	15765	6818	8947
Larynx (C32)	13974	12884	1090
Brain and central nervous system (C70-C72)	11367	5423	5944
Oral cavity (C01-C08,C46.2)	11030	7087	3943
Lip (C00)	9922	7341	2581
Pharynx (C09-C14)	9041	7053	1988
Pancreas (C25)	8527	4234	4293
Soft and connective tissue (C46.1,C49)	8431	3670	4761
Unspecified primary site (C77-C80)	7733	3889	3844
Testis (C62)	6988	6988	
Multiple myeloma (C90)	4412	2024	2388
Bone (C40-C41)	4099	2030	2069
Vulva (C51)	3500		3500
Esophagus (C15)	3412	2830	582
Eye (C69)	3224	1448	1776
Liver (C22)	2948	1602	1346
Gallbladder (C23-C24)	2880	1177	1703
Retroperitoneum and peritoneum (C48)	2347	868	1479
Nasal cavities, etc. (C30-C31)	1827	1007	820
Penis (C60)	1662	1662	
Others	13551	4994	8571

* Does not include patients of Donetsk and Luhanska oblast, AR Krym, Sevastopol city