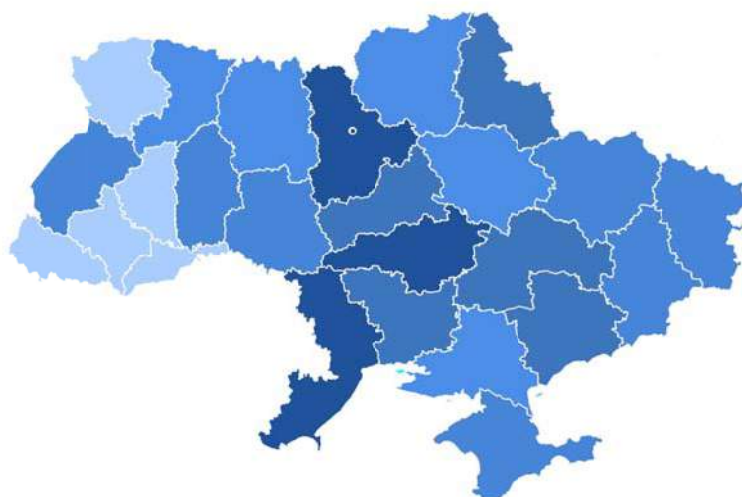


NATIONAL CANCER INSTITUTE OF UKRAINE



# CANCER IN UKRAINE, 2018-2019

*Incidence, mortality,  
rates for activity of oncological service*



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

**№ 21**

2020

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Oesophagus	C15 20
Stomach	C16 22
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Rectum, anus	C19-C21 26
Liver	C22 28
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Prostate	C61 50
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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". The World Standard Population is generally used for comparison of cancer levels between countries (with 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 (mortality) levels between the regions of Ukraine or in 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. Most common is a **complete prevalence rate** calculated as number of persons with cancer divided by the number of this population at the end of a year. It describes the level of cancer burden in a population.

## 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 (NCR) of Ukraine.

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 in 2019 NCR did not receive the databases from AR Krym, Sevastopol city, some parts of Donetska and Luhanska oblasts.*** 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 are calculated with the exception of data of the oblasts mentioned above; rates for Donetska and Luhanska oblasts are not calculated.

**Table 1** of each article includes rates for 2018 calculated using the adjusted data registered until the end of 2019. 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** 2018 is shown compared to the one of 2017. A negative value indicates decrease of the ASR(U) in 2018; 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 2018**" is calculated with respect to the total number of cancer patients with diagnosis of 2018, 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 2018.

Rate "**Microscopically verified**" is a proportion of cancer cases of 2018 verified with histological or cytological examination. Rate "**Histologically verified**" is a proportion of histologically verified cases of the total number of cancer cases of 2018.

"**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 2018.

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 "**treatment combined or complex**" 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**" (*now this proportion is given referred to the whole number of the patients*).

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, 2018** 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 2019.

**Table 3 - Incidence and mortality, 2019** 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 2019, and therefore these rates could change after receiving the additional information at a later date.

***Comparing of rates in Table 2 and Table 3 is improper.***

**Table 4** includes some important rates of 2019 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 system 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 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 2019 to the total number of new cancer patients registered in 2019, and rate "**Microscopically verified**" is calculated based on the relevant *cancer cases*.

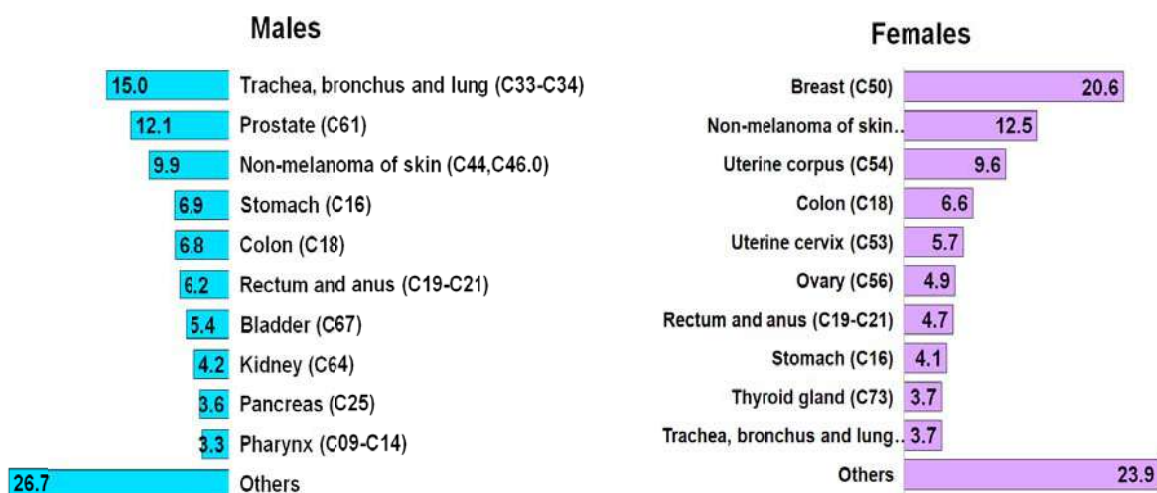
Rate "**Lived less than 1 year since the diagnosis in 2018**" is calculated in a similar way to that described in Table 1. Number of cancer patients who were **diagnosed post-mortem** is also given.

"**Patients per 100,000 of population**" represents rates of complete cancer prevalence at the end of 2019 per 100,000.

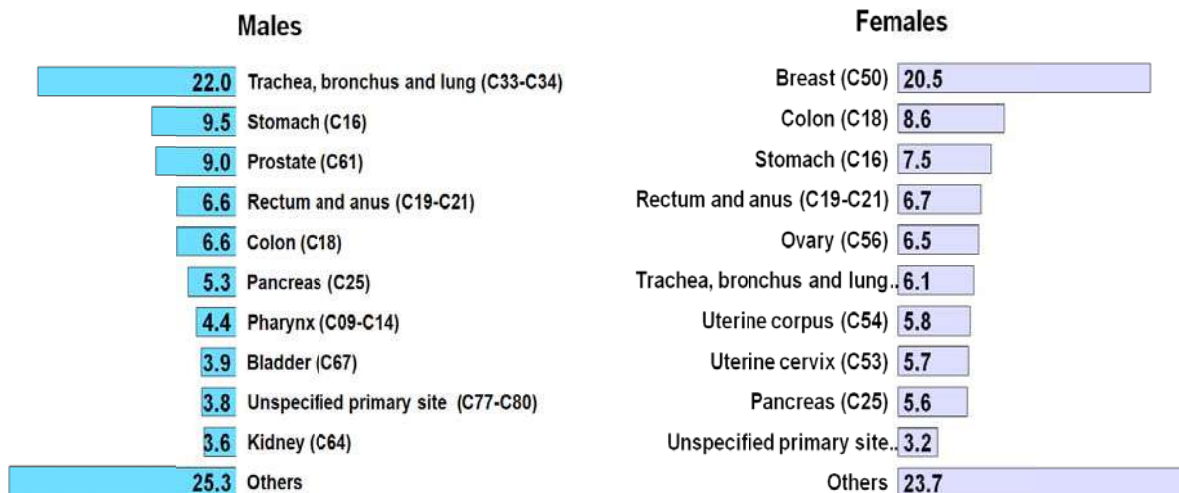
Tables of **Annex A "Rates for selected cancer sites by age groups – incidence"** and **Annex B "Rates for selected cancer sites by age groups – mortality"** include total number of cancer cases and deaths from cancer, age-specific rate, crude rate, age-standardized rate (World Standard Population) per 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 2018.

Tables of **Annex C "Cancer prevalence"** include proportions of cancer patients alive at the end of 2019 in oblasts of Ukraine per 100,000 of population by gender and age groups (complete cancer prevalence rates).

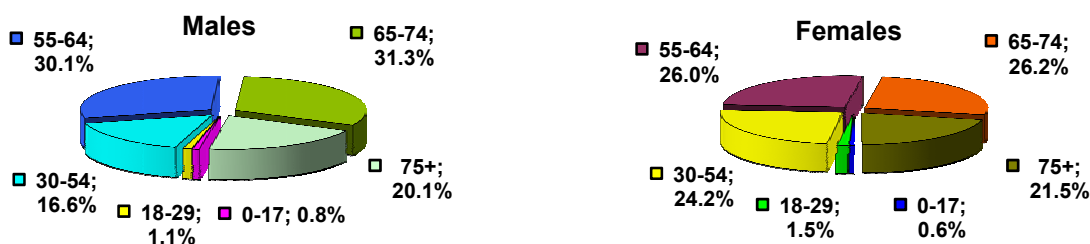
The relative frequency of 10 leading cancer sites, incidence (%)



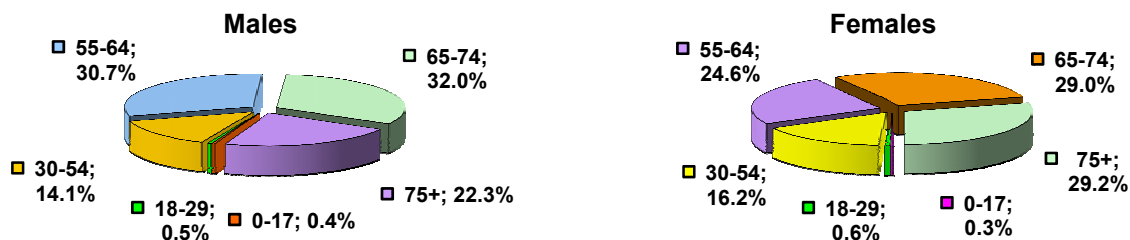
The relative frequency of 10 leading cancer sites, mortality (%)



New cancer cases by age groups, %



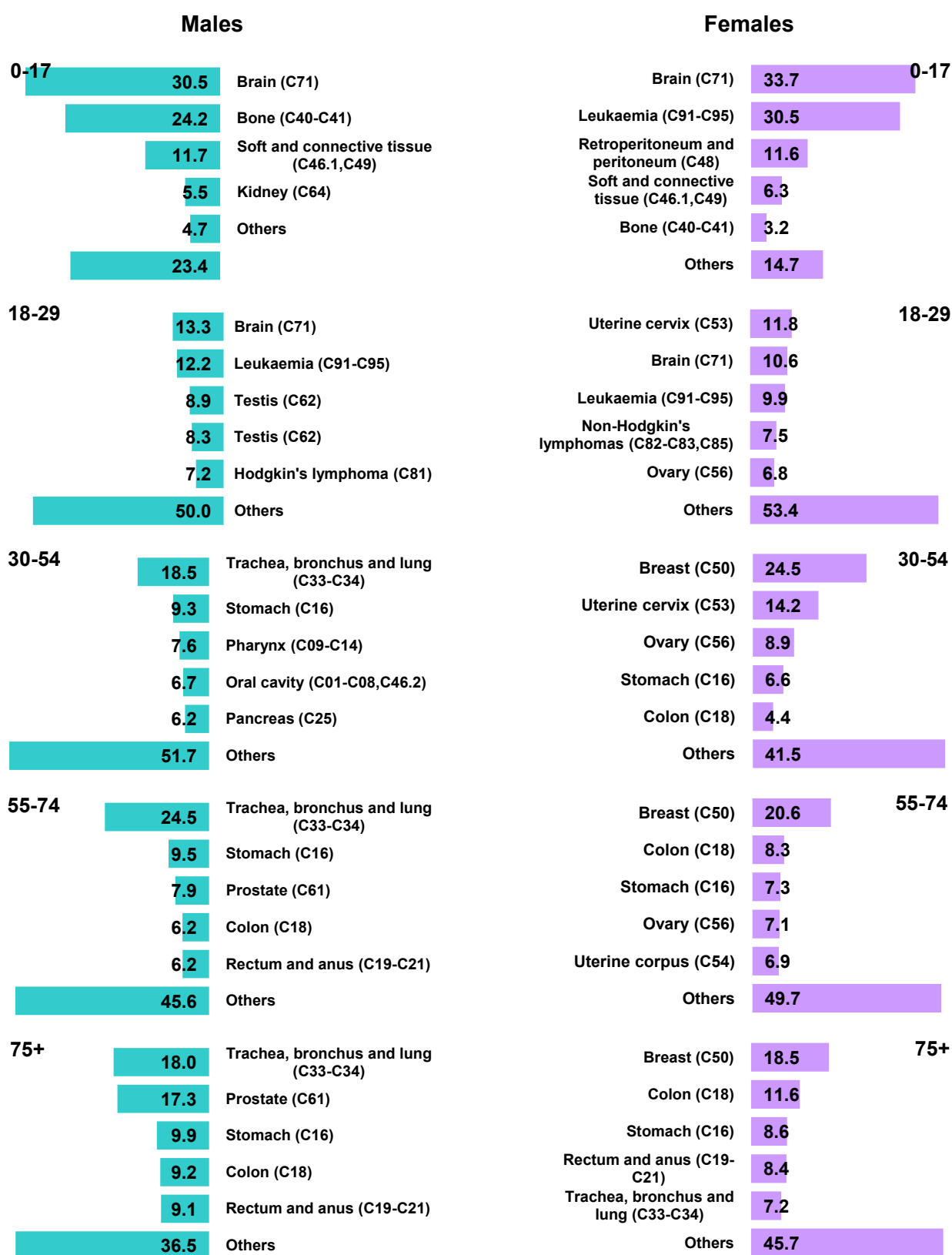
Deaths from cancer by age groups, %



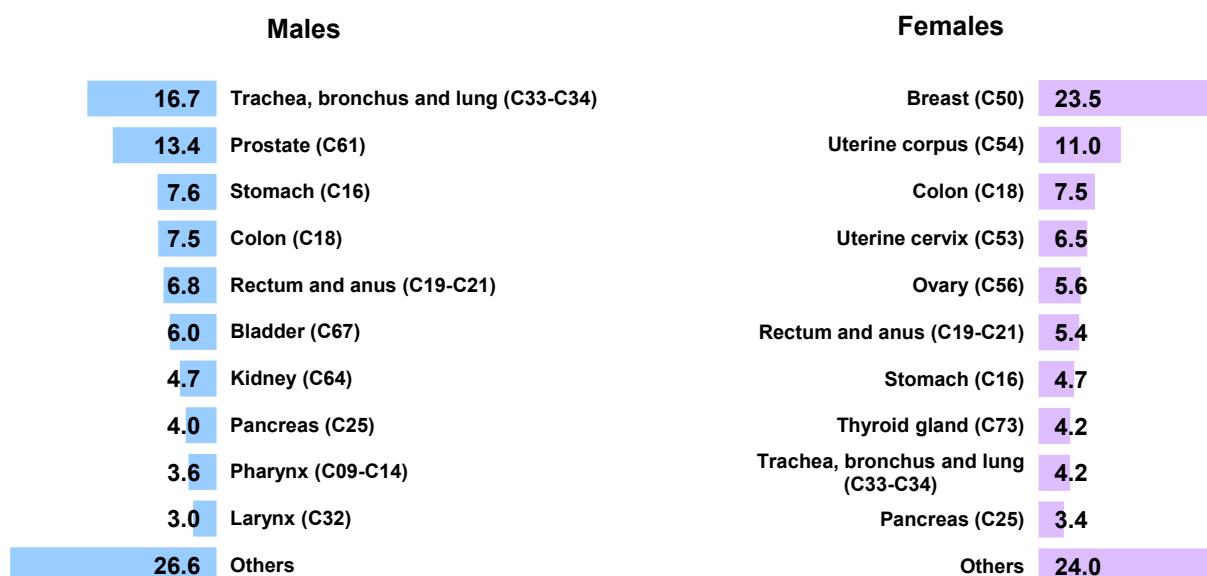
### The relative frequency of 5 leading cancer sites by age groups, *incidence, %*



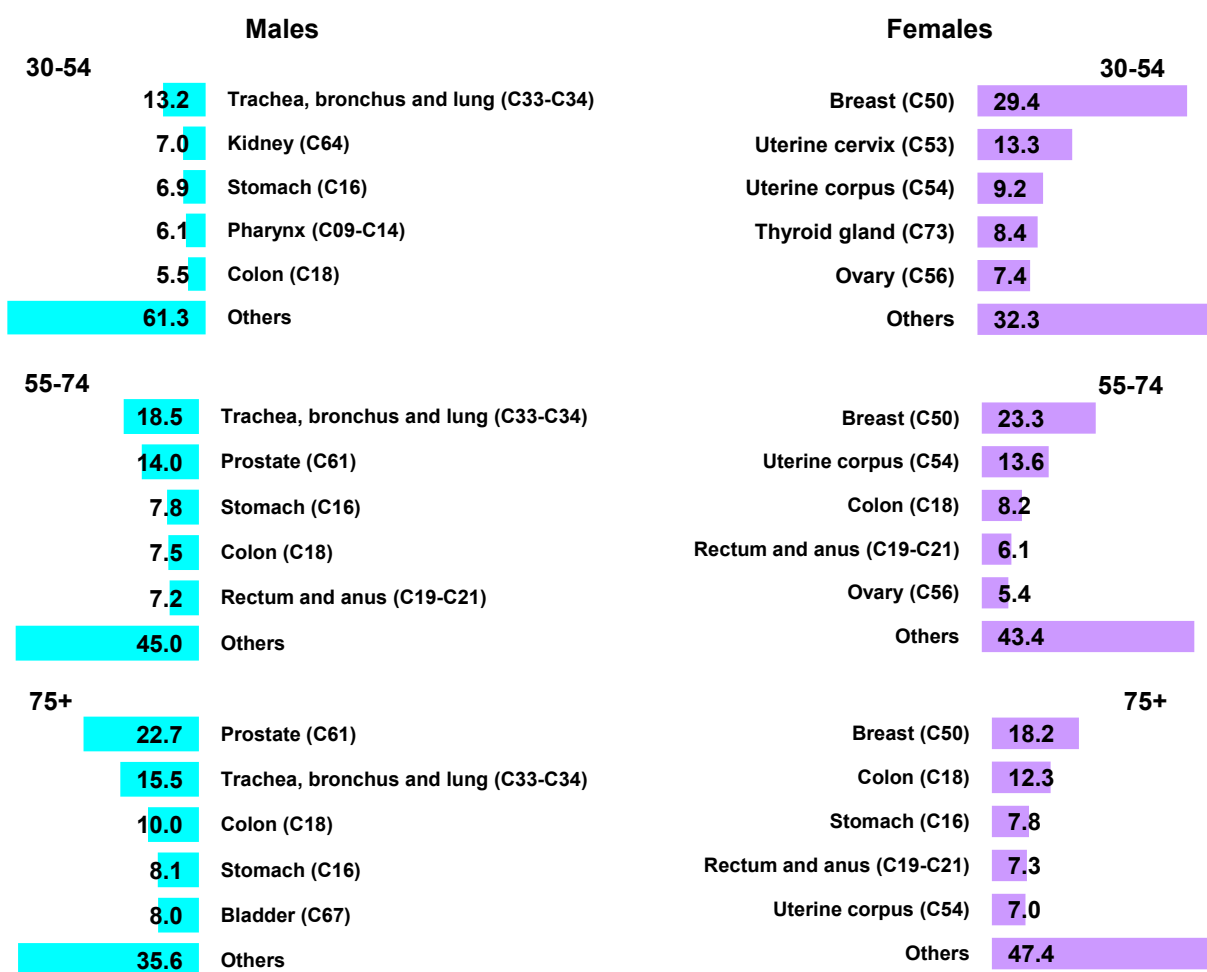


The relative frequency of 5 leading cancer sites by age groups, *mortality*, %

### The relative frequency of 10 leading cancer sites with non-melanoma of skin excluded, incidence, %

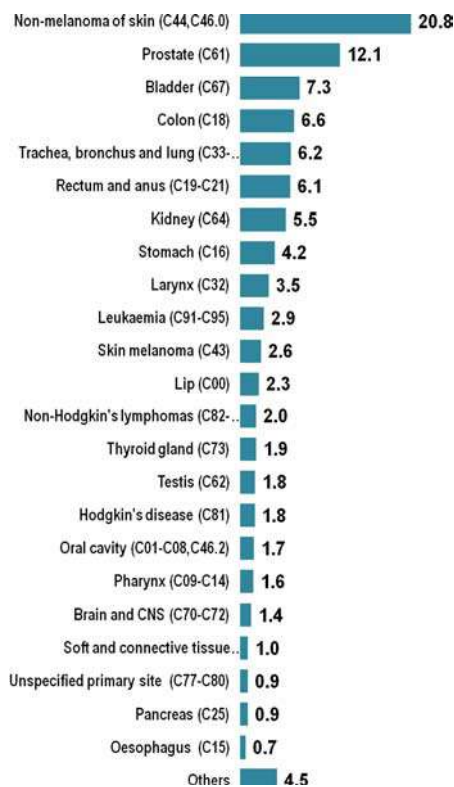


### The relative frequency of 5 most common cancer sites with non-melanoma of skin excluded, by age groups, incidence, %

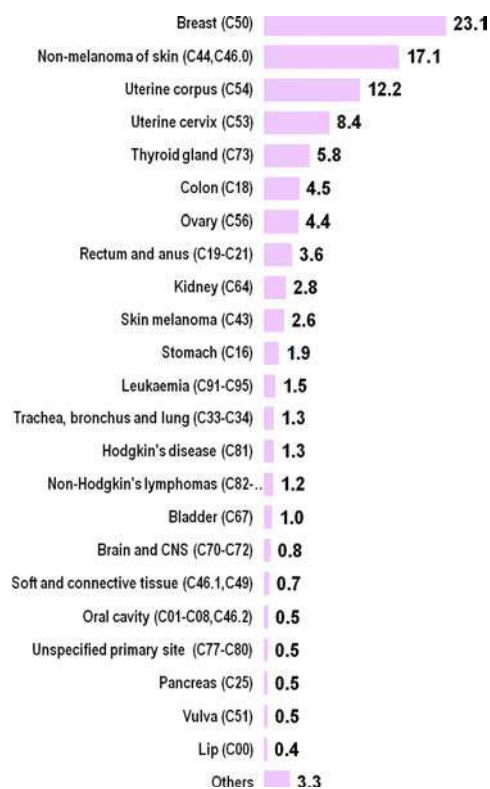


## The most prevalent cancers, %

## Males



## Females



## Number of cancer patients and complete prevalence rates per 100 000 of population\*

Site	Persons		Males		Females	
	number	%/1000	number	%/1000	number	%/1000
<b>All sites (C00-C96)</b>	<b>1014352</b>	<b>2842.7</b>	<b>356928</b>	<b>2152.1</b>	<b>657424</b>	<b>3442.4</b>
<i>All sites, non-melanoma of skin excluded (C00-C96, excl. C44, C46.0)</i>	<b>827545</b>	<b>2319.1</b>	<b>282834</b>	<b>1705.3</b>	<b>544711</b>	<b>2852.2</b>
Breast (C50)	152832	428.3	926	5.6	151906	795.4
Non-melanoma of skin (C44,C46.0)	186807	523.5	74094	446.7	112713	590.2
Uterine corpus (C54)	80120	224.5	-	-	80120	419.5
Uterine cervix (C53)	54976	154.1	-	-	54976	287.9
Prostate (C61)	43161	121.0	43161	260.2	-	-
Thyroid gland (C73)	45099	126.4	6860	41.4	38239	200.2
Bladder (C67)	32745	91.8	25908	156.2	6837	35.8
Colon (C18)	53245	149.2	23480	141.6	29765	155.9
Ovary (C56)	29022	81.3	-	-	29022	152.0
Trachea, bronchus and lung (C33-C34)	30487	85.4	21983	132.5	8504	44.5
Rectum and anus (C19-C21)	45408	127.3	21735	131.0	23673	124.0
Kidney (C64)	38368	107.5	19799	119.4	18569	97.2
Stomach (C16)	27407	76.8	15146	91.3	12261	64.2
Skin melanoma (C43)	26160	73.3	9118	55.0	17042	89.2
Larynx (C32)	13385	37.5	12342	74.4	1043	5.5
Leukemia (C91-C95)	20036	56.1	10385	62.6	9651	50.5
Lip (C00)	10850	30.4	8109	48.9	2741	14.4
Hodgkin's disease (C81)	14762	41.4	6340	38.2	8422	44.1
Non-Hodgkin's lymphomas (C82-C83, C85)	14656	41.1	6972	42.0	7684	40.2
Testis (C62)	6367	17.8	6367	38.4	-	-
Oral cavity (C01-C08,C46.2)	9597	26.9	6062	36.6	3535	18.5
Pharynx (C09-C14)	7454	20.9	5762	34.7	1692	8.9
Brain and CNS (C70-C72)	10226	28.7	4827	29.1	5399	28.3
Soft and connective tissue (C46.1,C49)	7991	22.4	3431	20.7	4560	23.9
Unspecified primary site (C77-C80)	6825	19.1	3389	20.4	3436	18.0
Pancreas (C25)	6555	18.4	3273	19.7	3282	17.2
Vulva (C51)	3245	9.1	-	-	3245	17.0
Oesophagus (C15)	2960	8.3	2447	14.8	513	2.7
Bone (C40-C41)	3985	11.2	1993	12.0	1992	10.4
Multiple myeloma (C90)	3643	10.2	1622	9.8	2021	10.6
Penis (C60)	1526	4.3	1526	9.2	-	-
Eye (C69)	3100	8.7	1389	8.4	1711	9.0
Gallbladder (C23-C24)	2511	7.0	1001	6.0	1510	7.9
Retroperitoneum and peritoneum (C48)	2117	5.9	781	4.7	1336	7.0
Liver (C22)	2259	6.3	1155	7.0	1104	5.8
Nasal cavities, etc. (C30-C31)	1680	4.7	907	5.5	773	4.0
Others	12785	35.8	4638	28.0	8147	42.7

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		137968	65796	72172
Incidence (crude rate)		384.7	394.8	375.9
Incidence (age-standardized, world standard)		225.0	263.2	207.6
Incidence (age-standardized, Ukrainian standard)		350.9	434.7	310.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		0.4% ~~	-0.2% ~~	0.9% ~~
Mortality: number of new cases*		63289	35558	27731
Mortality (crude rate)		176.5	213.4	144.4
Mortality (age-standardized, world standard)		96.9	139.1	70.9
Mortality (age-standardized, Ukrainian standard)		159.3	236.7	113.9
Lived less than 1 year since the diagnosis in 2018, %		28.2	36.0	20.9
From among the newly diagnosed – diagnosed post mortem, %		1.2	1.5	1.0
Microscopically verified diagnoses, %		84.4	80.7	87.8
Diagnoses verified with histology, %		75.5	71.3	79.4
Unspecified morphology, %		5.1	5.5	4.7
Patients diagnosed during the preventive medical examinations, %		23.7	17.1	29.7
Newly diagnosed patients received the anti-cancer treatment, %		69.0	63.3	74.2
- surgical treatment only, %		26.4	24.2	28.3
- treatment combined or complex, %		21.6	14.1	28.5
Incidence of children population (age 0-17 years):	cases*	958	529	429
	rate per 100 000 of children population	14.3	15.3	13.2
Mortality of children population (age 0-17 years):	cases*	223	128	95
	rate per 100 000 of children population	3.3	3.7	2.9

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

Table 2 - Incidence and mortality, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>384.7</b>	<b>394.8</b>	<b>375.9</b>	<b>225.0</b>	<b>263.2</b>	<b>207.6</b>	<b>350.9</b>	<b>434.7</b>	<b>310.4</b>	<b>176.5</b>	<b>213.4</b>	<b>144.4</b>	<b>96.9</b>	<b>139.1</b>	<b>70.9</b>	<b>159.3</b>	<b>236.7</b>	<b>113.9</b>
AR Krym																		
Vinnyska	386.1	416.6	359.9	225.3	267.9	203.3	344.0	434.0	296.4	187.5	236.5	145.3	99.0	146.6	68.3	161.8	247.8	109.9
Volynska	296.2	319.7	275.2	198.6	246.9	172.5	307.7	403.6	256.8	144.3	189.0	104.4	94.2	145.2	60.9	151.3	243.3	94.7
Dnipropetrovska	408.0	415.5	401.8	229.9	270.8	212.7	357.6	446.2	317.3	208.6	248.3	175.3	109.3	158.1	81.4	180.0	270.5	130.5
Donetska																		
Zhytomyrska	352.0	363.0	342.5	215.4	248.4	202.6	324.8	400.0	290.2	163.0	206.2	125.5	93.6	138.5	65.4	150.2	230.6	102.3
Zakarpatska	279.8	294.3	266.4	195.4	232.3	174.1	304.1	377.8	261.7	146.4	180.9	114.5	99.3	140.1	71.2	158.9	230.0	112.7
Zaporizka	445.0	448.6	442.0	235.0	276.4	218.4	374.3	466.4	333.7	198.0	233.8	167.9	97.6	141.0	72.9	164.3	246.6	120.0
Ivano-Frankivska	309.3	329.3	291.4	192.6	233.1	170.3	304.6	388.0	259.3	153.0	190.9	119.0	92.1	135.6	63.2	151.4	229.0	102.9
Kyivska	397.3	400.3	394.8	238.8	273.2	225.7	366.9	447.1	332.5	177.0	221.7	138.9	98.4	147.7	68.6	162.4	253.6	110.4
Kirovohradska	482.8	497.7	470.1	265.8	308.6	247.2	413.0	506.8	369.3	203.5	254.7	159.8	106.6	157.5	73.8	170.5	258.1	117.6
Luhanska																		
Lvivska	370.3	384.2	357.7	226.0	266.7	205.7	354.7	443.3	308.9	146.6	175.3	120.7	85.1	119.0	63.1	140.5	203.1	102.0
Mykolaivska	412.4	418.9	406.8	234.1	272.2	216.5	366.8	448.6	327.0	140.9	179.6	107.5	77.7	116.4	52.8	125.1	191.4	85.0
Odessa	343.8	357.5	331.7	208.1	247.7	188.0	322.6	404.5	279.8	130.7	150.4	113.2	74.5	101.3	57.8	120.9	169.8	91.4
Poltavska	393.3	403.7	384.5	217.9	252.9	201.4	336.4	410.7	300.1	203.2	239.5	172.2	102.5	142.6	78.8	169.1	245.1	126.0
Rivnenska	278.1	281.2	275.3	194.0	223.6	182.2	298.5	369.0	265.9	146.0	179.6	115.6	96.6	140.6	69.0	156.8	240.1	107.2
Sumska	441.8	455.3	430.4	236.5	275.3	218.7	370.2	456.0	328.8	194.2	243.6	152.4	97.5	145.0	68.1	162.0	249.8	110.4
Ternopil'ska	334.7	364.8	308.2	199.5	245.1	175.5	312.6	409.2	262.0	173.7	223.0	130.4	98.5	147.7	66.7	160.4	250.1	106.2
Kharkivska	417.5	429.2	407.4	231.4	276.6	210.8	366.2	461.5	320.6	202.7	232.1	177.4	106.7	146.9	82.8	176.1	249.8	134.1
Khersonska	414.8	426.5	404.7	238.6	282.2	219.7	372.9	466.6	329.8	189.5	233.6	151.3	105.0	151.3	77.7	168.6	254.3	120.6
Khmelnytska	408.6	433.2	387.3	232.2	280.1	206.6	359.5	456.5	308.2	205.6	258.6	159.6	109.8	162.6	76.3	180.1	276.5	122.4
Cherkaska	430.5	458.4	406.8	235.6	278.0	214.6	362.4	453.1	315.9	211.7	264.1	167.3	105.7	153.5	75.9	174.2	262.2	122.1
Chernivetska	274.5	299.0	252.6	173.5	212.6	151.7	270.5	352.4	225.3	162.7	202.1	127.6	95.4	140.2	66.4	158.4	241.1	107.7
Chernihivska	413.4	438.2	392.8	219.4	261.6	200.9	341.7	433.2	299.2	189.7	241.1	146.9	94.7	140.8	67.3	153.8	238.5	106.5
Kyiv city	432.5	400.4	460.1	258.9	269.1	260.9	412.5	457.0	396.1	168.1	183.7	154.6	93.9	120.2	77.9	160.2	211.1	129.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>359.4</b>	<b>368.6</b>	<b>351.4</b>				<b>165.7</b>	<b>199.9</b>	<b>136.0</b>
AR Krym												
Vinnitska	5838	2943	2895	375.8	409.3	347.0	2651	1586	1065	170.7	220.6	127.7
Volynska	3076	1552	1524	297.9	318.4	279.6	1549	901	648	150.0	184.8	118.9
Dnipropetrovska	12093	5573	6520	377.5	381.0	374.6	5874	3137	2737	183.4	214.5	157.3
Donetska	5239	2349	2890				2528	1301	1227			
Zhytomyrska	3837	1784	2053	314.3	314.0	314.5	1784	1017	767	146.1	179.0	117.5
Zakarpatska	3114	1595	1519	248.3	264.5	233.4	1698	984	714	135.4	163.2	109.7
Zaporizka	6375	3020	3355	373.9	387.9	362.1	3098	1699	1399	181.7	218.2	151.0
Ivano-Frankivska	4193	2129	2064	305.9	328.4	285.8	2082	1258	824	151.9	194.0	114.1
Kyivska	6404	2879	3525	363.4	355.8	369.9	2569	1442	1127	145.8	178.2	118.3
Kirovohradska	4461	2092	2369	475.0	483.2	468.1	1953	1091	862	208.0	252.0	170.3
Luhanska	2338	1086	1252				1096	597	499			
Lvivska	8866	4323	4543	354.1	364.3	345.0	3436	1917	1519	137.2	161.5	115.3
Mykolaivska	4450	2113	2337	393.7	403.4	385.3	1834	1021	813	162.3	194.9	134.0
Odesska	6963	3312	3651	293.9	297.0	291.2	2601	1436	1165	109.8	128.8	92.9
Poltavska	5375	2562	2813	386.0	398.8	375.0	2756	1513	1243	197.9	235.5	165.7
Rivnenska	3076	1465	1611	266.0	266.7	265.4	1432	827	605	123.9	150.6	99.7
Sumska	4542	2158	2384	420.9	435.7	408.2	2039	1186	853	188.9	239.5	146.1
Ternopil'ska	3482	1766	1716	334.0	362.0	309.3	1674	1019	655	160.6	208.9	118.1
Kharkivska	10091	4901	5190	379.4	397.6	363.6	5154	2792	2362	193.8	226.5	165.5
Khersonska	4325	2085	2240	417.4	433.4	403.5	1983	1165	818	191.4	242.2	147.4
Khmelnitska	4828	2290	2538	382.7	390.9	375.6	2287	1315	972	181.3	224.5	143.9
Cherkaska	4810	2370	2440	399.9	429.1	375.2	2399	1362	1037	199.5	246.6	159.5
Chernivetska	2250	1161	1089	249.6	273.5	228.4	1395	818	577	154.8	192.7	121.0
Chernihivska	4092	2045	2047	410.4	450.9	376.5	1944	1122	822	195.0	247.4	151.2
Kyiv city	11709	5013	6696	402.4	372.6	428.1	4933	2542	2391	169.6	189.0	152.9
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post-mortem	Received anti-cancer treatment, %	Microscopically verified, %	During the preventive examination, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>25.3</b>	<b>26.2</b>	<b>17.8</b>	<b>18.1</b>	<b>6.3</b>	<b>28.2</b>		<b>68.4</b>	<b>83.7</b>	<b>25.8</b>	<b>2842.7</b>	<b>2152.1</b>	<b>3442.4</b>
AR Krym													
Vinnitska	27.7	29.4	15.9	21.2	0.0	28.3	15	63.7	77.1	24.4	2906.7	2161.4	3548.9
Volynska	21.4	31.8	14.9	24.1	2.0	29.0	54	72.2	85.8	13.9	2277.5	1673.7	2817.4
Dnipropetrovska	22.9	29.5	20.8	15.8	3.6	32.8	116	61.3	83.7	21.1	2531.2	1829.4	3121.0
Donetska	24.4	23.9	22.1	17.9	5.0			63.1	77.7	21.6			
Zhytomyrska	27.0	24.1	18.6	21.6	2.7	26.4	13	73.1	93.8	29.0	2595.3	1864.0	3231.8
Zakarpatska	18.1	25.9	20.5	23.5	3.6	34.2	100	65.3	84.3	17.6	1848.1	1427.9	2237.3
Zaporizka	29.5	24.3	16.4	19.0	5.9	27.1	70	60.9	80.8	28.2	2963.2	2243.3	3568.1
Ivano-Frankivska	23.0	27.8	18.9	20.8	2.8	29.0	19	71.7	84.7	13.9	2056.9	1616.2	2452.6
Kyivska	26.9	27.0	18.9	20.3	1.0	25.0	19	71.9	81.3	24.5	3255.3	2408.1	3974.8
Kirovohradska	29.6	29.1	16.8	16.5	1.6	27.3	69	67.5	82.2	23.4	3083.7	2230.8	3813.3
Luhanska	24.5	24.0	16.6	25.0	6.5			67.5	90.0	26.5			
Lvivska	28.4	22.5	18.7	15.5	7.8	23.2	23	72.2	83.5	26.1	2912.7	2378.0	3394.4
Mykolaivska	27.5	28.8	19.5	18.4	1.9	25.7	69	72.5	80.7	31.4	3418.9	2689.9	4048.2
Odesska	23.7	22.1	14.4	20.8	13.1	20.9	42	68.7	81.1	4.1	3055.0	2437.6	3604.2
Poltavska	22.9	27.4	19.7	22.8	1.6	31.9	35	65.4	80.7	21.0	3026.6	2235.4	3704.1
Rivnenska	20.5	24.9	19.6	13.4	12.5	28.2	0	60.7	79.3	24.1	2068.0	1492.2	2589.2
Sumska	28.0	33.6	14.4	10.9	7.9	23.5	3	68.6	82.3	33.1	3362.3	2485.6	4105.8
Ternopil'ska	21.7	26.2	19.7	21.5	2.3	28.6	39	75.3	83.4	30.5	2507.1	1987.5	2963.9
Kharkivska	22.4	21.7	14.6	14.6	20.2	33.8	95	60.9	85.6	30.7	3072.8	2294.1	3745.2
Khersonska	24.0	26.7	16.3	23.4	2.0	29.2	56	70.6	87.0	24.7	2953.5	2220.7	3588.4
Khmelnitska	23.3	34.5	22.2	9.5	2.3	30.4	39	71.2	78.6	23.0	2656.4	2012.8	3214.4
Cherkaska	26.8	25.9	17.0	21.1	3.0	29.1	135	71.7	84.7	21.5	3323.8	2572.8	3961.6
Chernivetska	14.6	26.9	19.9	24.4	8.5	35.2	53	69.8	76.6	13.8	2358.6	1949.9	2722.5
Chernihivska	26.2	23.3	17.5	23.2	3.1	31.9	47	75.1	85.1	27.9	2871.5	2157.6	3467.2
Kyiv city	31.0	23.2	14.9	12.3	12.8	24.2	441	78.4	93.1	53.8	3318.6	2459.9	4057.1
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		122452	59284	63168
Incidence (crude rate)		341.4	355.7	329.0
Incidence (age-standardized, world standard)		203.2	238.5	187.4
Incidence (age-standardized, Ukrainian standard)		312.9	390.6	275.3
Change of incidence rate 2018 vs 2017,% (Ukrainian standard)		0.5% ~~	-0.2% ~~	1.0% ~~
Mortality: number of new cases*		62810	35319	27491
Mortality (crude rate)		175.1	211.9	143.2
Mortality (age-standardized, world standard)		96.4	138.3	70.5
Mortality (age-standardized, Ukrainian standard)		158.3	235.0	113.2
Lived less than 1 year since the diagnosis in 2018, %		31.3	39.5	23.5
From among the newly diagnosed – diagnosed post mortem, %		1.4	1.6	1.1
Microscopically verified diagnoses, %		82.6	78.8	86.3
Diagnoses verified with histology, %		75.2	70.4	79.8
Unspecified morphology, %		5.6	6.1	5.1
Patients diagnosed during the preventive medical examinations, %		19.6	12.8	26.0
Newly diagnosed patients received the anti-cancer treatment, %		66.5	60.6	72.1
- surgical treatment only, %		21.3	19.6	22.9
- treatment combined or complex, %		23.8	15.2	31.9
Incidence of children population (age 0-17 years):	cases*	955	527	428
	rate per 100 000 of children population	14.2	15.3	13.1
Mortality of children population (age 0-17 years):	cases*	223	128	95
	rate per 100 000 of children population	3.3	3.7	2.9

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

Table 2 - Incidence and mortality, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>341.4</b>	<b>355.7</b>	<b>329.0</b>	<b>203.2</b>	<b>238.5</b>	<b>187.4</b>	<b>312.9</b>	<b>390.6</b>	<b>275.3</b>	<b>175.1</b>	<b>211.9</b>	<b>143.2</b>	<b>96.4</b>	<b>138.3</b>	<b>70.5</b>	<b>158.3</b>	<b>235.0</b>	<b>113.2</b>
AR Krym																		
Vinnyska	347.4	378.8	320.3	206.4	245.3	186.6	311.8	393.9	268.5	185.4	234.3	143.3	98.2	145.4	67.7	160.3	245.4	108.8
Volynska	264.3	290.7	240.7	179.6	225.2	155.0	275.0	366.1	226.6	143.7	188.0	104.1	93.9	144.5	60.8	150.7	242.0	94.5
Dnipropetrovska	364.6	377.0	354.2	209.3	247.4	193.5	321.6	403.9	284.3	206.7	246.2	173.6	108.5	157.0	80.8	178.6	268.4	129.5
Donetska																		
Zhytomyrska	310.8	327.0	296.7	194.3	225.0	182.6	288.5	359.6	255.8	161.1	204.3	123.6	92.8	137.3	64.9	148.7	228.7	101.1
Zakarpatska	251.8	267.7	237.1	177.2	211.2	157.4	272.4	339.9	233.3	145.2	179.8	113.2	98.6	139.3	70.5	157.7	228.8	111.6
Zaporizka	378.5	394.4	365.1	206.5	245.4	191.0	321.8	408.7	283.6	197.1	233.2	166.7	97.2	140.6	72.5	163.6	245.8	119.3
Ivano-Frankivska	273.7	297.1	252.7	173.4	211.0	153.0	270.1	348.1	228.0	151.7	189.6	117.6	91.5	134.6	62.8	150.4	227.4	102.3
Kyivska	354.3	362.0	347.7	216.5	248.2	204.6	327.9	402.3	296.2	175.1	219.3	137.4	97.6	146.1	68.1	161.0	250.4	109.6
Kirovohradska	419.6	437.6	404.2	235.6	274.1	220.1	362.0	448.2	322.8	202.4	253.1	159.1	106.2	156.7	73.6	169.7	256.5	117.2
Luhanska																		
Lvivska	323.4	343.4	305.4	200.9	239.2	182.0	311.2	395.2	267.7	145.6	174.5	119.6	84.7	118.6	62.8	139.7	202.2	101.3
Mykolaivska	351.7	368.4	337.2	202.8	239.8	185.1	312.6	390.1	273.9	138.9	177.2	105.8	76.8	114.8	52.2	123.4	188.3	83.9
Odessa	307.8	323.3	293.9	189.6	225.8	171.4	289.9	364.2	251.1	128.8	148.3	111.4	73.7	100.0	57.2	119.2	167.2	90.2
Poltavska	349.3	362.5	338.0	197.6	229.4	182.7	300.7	368.6	267.8	201.6	237.6	170.7	101.8	141.5	78.3	167.8	243.1	125.2
Rivnenska	261.5	264.3	258.9	183.8	210.7	173.4	279.9	345.3	249.9	145.3	179.4	114.5	96.3	140.4	68.6	156.2	239.8	106.4
Sumska	382.4	402.8	365.1	209.5	245.4	192.9	323.2	402.8	284.8	192.8	241.8	151.4	97.1	144.2	67.9	161.1	248.1	110.0
Ternopil'ska	294.0	327.3	264.7	178.5	220.8	156.8	276.4	367.1	229.2	172.8	222.2	129.5	98.1	147.2	66.4	159.7	249.3	105.7
Kharkivska	379.7	392.9	368.4	213.2	254.3	194.9	334.1	421.4	292.8	201.9	231.3	176.5	106.4	146.5	82.5	175.4	249.0	133.5
Khersonska	362.1	381.8	345.1	211.8	253.5	194.0	326.9	416.9	285.6	188.8	232.8	150.8	104.7	150.7	77.5	167.9	253.0	120.2
Khmelnytska	363.5	390.5	340.1	210.1	253.7	187.1	322.0	411.7	274.9	205.0	258.3	158.8	109.6	162.4	76.1	179.6	276.2	121.9
Cherkaska	380.4	412.0	353.5	212.6	252.3	192.9	322.9	407.1	279.7	210.7	262.7	166.7	105.4	152.8	75.7	173.6	261.0	121.8
Chernivetska	260.0	283.5	239.0	165.8	202.5	145.4	256.8	333.4	214.3	159.1	197.4	125.1	93.9	137.1	65.7	155.3	234.9	106.3
Chernihivska	366.0	395.3	341.5	198.4	238.0	180.7	305.8	391.4	265.6	188.6	239.8	146.0	94.3	140.2	66.9	153.1	237.3	106.0
Kyiv city	385.5	357.5	409.6	233.7	242.1	236.4	367.3	407.0	353.0	167.3	183.2	153.7	93.5	119.8	77.5	159.5	210.3	129.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
<b>Ukraine</b>				<b>316.5</b>	<b>330.3</b>	<b>304.4</b>				<b>164.4</b>	<b>198.3</b>	<b>134.9</b>
AR Krym												
Vinnitska	5203	2645	2558	335.0	367.9	306.6	2623	1568	1055	168.9	218.1	126.5
Volynska	2743	1418	1325	265.6	290.9	243.1	1537	893	644	148.9	183.2	118.1
Dnipropetrovska	10730	4984	5746	335.0	340.7	330.2	5822	3115	2707	181.8	212.9	155.5
Donetska	4539	2074	2465				2497	1287	1210			
Zhytomyrska	3336	1566	1770	273.2	275.7	271.1	1769	1009	760	144.9	177.6	116.4
Zakarpatska	2812	1470	1342	224.3	243.8	206.2	1678	972	706	133.8	161.2	108.5
Zaporizka	5344	2622	2722	313.4	336.8	293.8	3086	1692	1394	181.0	217.3	150.5
Ivano-Frankivska	3624	1900	1724	264.4	293.0	238.7	2062	1248	814	150.5	192.5	112.7
Kyivska	5687	2593	3094	322.7	320.4	324.7	2531	1421	1110	143.6	175.6	116.5
Kirovohradska	3785	1839	1946	403.0	424.7	384.5	1940	1087	853	206.6	251.1	168.5
Luhanska	2076	977	1099				1086	593	493			
Lvivska	7748	3846	3902	309.5	324.1	296.3	3404	1899	1505	136.0	160.0	114.3
Mykolaivska	3779	1841	1938	334.3	351.5	319.5	1821	1016	805	161.1	194.0	132.7
Odesska	6124	2990	3134	258.5	268.1	249.9	2567	1412	1155	108.4	126.6	92.1
Poltavska	4804	2325	2479	345.0	361.9	330.4	2742	1506	1236	196.9	234.4	164.8
Rivnenska	2816	1354	1462	243.6	246.5	240.9	1418	822	596	122.6	149.6	98.2
Sumska	4001	1927	2074	370.7	389.1	355.2	2017	1172	845	186.9	236.7	144.7
Ternopil'ska	3065	1585	1480	294.0	324.9	266.8	1663	1014	649	159.5	207.9	117.0
Kharkivska	9157	4500	4657	344.3	365.1	326.3	5123	2777	2346	192.6	225.3	164.4
Khersonska	3739	1843	1896	360.8	383.1	341.5	1973	1157	816	190.4	240.5	147.0
Khmelnitska	4254	2054	2200	337.2	350.6	325.6	2271	1304	967	180.0	222.6	143.1
Cherkaska	4256	2141	2115	353.9	387.6	325.2	2386	1356	1030	198.4	245.5	158.4
Chernivetska	2083	1096	987	231.1	258.1	207.0	1365	802	563	151.5	188.9	118.1
Chernihivska	3593	1828	1765	360.3	403.0	324.7	1934	1115	819	193.9	245.8	150.7
Kyiv city	10243	4423	5820	352.1	328.8	372.1	4914	2531	2383	168.9	188.1	152.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	▲
<b>Ukraine</b>	<b>18.9</b>	<b>27.1</b>	<b>20.0</b>	<b>20.5</b>	<b>7.0</b>	<b>31.3</b>		<b>65.8</b>	<b>81.8</b>	<b>20.8</b>	<b>2319.1</b>	<b>1705.3</b>	<b>2852.2</b>
AR Krym													
Vinnitska	23.0	30.1	17.7	23.7	0.0	30.9	15	60.4	75.4	18.6	2408.9	1729.7	2994.2
Volynska	16.1	32.3	16.6	27.0	2.3	32.3	54	69.4	84.1	10.4	1897.8	1366.6	2372.9
Dnipropetrovska	17.5	30.1	23.1	17.8	3.9	36.2	115	57.7	81.6	15.3	2075.8	1434.5	2614.8
Donetska	17.1	24.2	25.3	20.5	5.8			60.8	74.8	17.8			
Zhytomyrska	21.0	24.2	21.1	24.7	3.1	29.2	13	70.6	92.9	25.5	2136.6	1479.7	2708.2
Zakarpatska	14.4	24.9	22.6	25.9	3.8	37.5	100	63.5	83.3	14.1	1502.0	1116.7	1859.1
Zaporizka	19.5	27.0	19.3	22.7	6.8	31.3	70	56.3	77.2	19.9	2294.2	1702.5	2791.4
Ivano-Frankivska	15.7	28.8	21.6	24.0	3.2	32.3	19	68.0	82.3	8.5	1621.6	1243.1	1961.4
Kyivska	22.0	27.4	21.0	22.7	1.1	27.4	19	71.1	79.5	20.2	2746.7	1978.4	3399.2
Kirovohradska	21.6	31.1	19.6	19.4	1.8	30.9	69	65.0	79.5	15.3	2475.3	1712.5	3127.8
Luhanska	19.3	23.7	18.5	28.3	7.3			65.3	89.0	20.5			
Lvivska	21.4	23.5	21.4	17.7	8.6	26.2	23	70.6	81.3	19.8	2336.2	1885.3	2742.6
Mykolaivska	17.6	31.9	22.9	21.7	1.8	29.7	69	68.0	77.4	25.1	2623.8	2030.9	3135.8
Odesska	16.9	22.5	16.1	23.6	14.7	23.1	41	67.9	78.8	3.3	2494.1	1956.2	2972.6
Poltavska	19.1	26.9	21.8	25.4	1.7	35.3	35	62.3	78.5	18.7	2405.1	1698.3	3010.2
Rivnenska	16.9	25.0	21.2	14.7	13.2	29.7	0	61.5	77.6	23.0	1797.1	1276.5	2268.4
Sumska	23.5	34.3	16.3	12.3	8.7	26.6	3	66.9	80.2	27.7	2611.5	1903.3	3212.1
Ternopil'ska	15.4	26.9	22.3	24.4	2.6	32.1	39	73.8	81.4	26.0	2069.1	1588.4	2491.7
Kharkivska	17.0	22.2	16.1	16.1	22.1	36.8	95	58.3	84.2	25.5	2547.9	1835.5	3163.0
Khersonska	18.0	26.9	18.5	26.8	2.2	32.9	56	67.1	85.0	23.2	2431.9	1793.6	2985.0
Khmelnitska	16.2	37.1	25.0	10.7	2.5	33.6	39	68.6	76.6	18.1	2185.3	1610.8	2683.3
Cherkaska	20.5	27.0	19.0	23.7	3.3	32.4	135	69.4	83.5	19.9	2655.7	1992.4	3219.1
Chernivetska	11.7	26.4	21.1	26.3	8.9	36.8	53	68.1	77.6	10.6	1975.4	1610.3	2300.5
Chernihivska	18.9	24.1	19.8	26.3	3.5	35.4	46	72.0	83.1	20.0	2372.7	1733.8	2905.8
Kyiv city	22.4	25.5	17.2	14.3	14.6	27.0	439	75.3	92.1	46.8	2781.0	1973.8	3475.2
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		536	366	170
Incidence (crude rate)		1.5	2.2	0.9
Incidence (age-standardized, world standard)		0.7	1.4	0.3
Incidence (age-standardized, Ukrainian standard)		1.3	2.5	0.6
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-13.3% ↓	-14.1% ↓	-7.7% ~~
Mortality: number of new cases*		110	84	26
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)		0.3	0.6	0.1
Lived less than 1 year since the diagnosis in 2018, %		5.6	6.7	2.8
From among the newly diagnosed – diagnosed post mortem, %		0.0	0.0	0.0
Microscopically verified diagnoses, %		95.5	96.4	93.5
Diagnoses verified with histology, %		78.5	79.2	77.1
Unspecified morphology, %		3.9	5.1	1.3
Patients diagnosed during the preventive medical examinations, %		41.4	39.9	44.7
Newly diagnosed patients received the anti-cancer treatment, %		87.4	89.3	83.1
- surgical treatment only, %		41.2	40.8	42.3
- treatment combined or complex, %		12.6	14.4	8.5
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>1.5</b>	<b>2.2</b>	<b>0.9</b>	<b>0.7</b>	<b>1.4</b>	<b>0.3</b>	<b>1.3</b>	<b>2.5</b>	<b>0.6</b>	<b>0.3</b>	<b>0.5</b>	<b>0.1</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>	<b>0.3</b>	<b>0.6</b>	<b>0.1</b>
AR Krym																		
Vinnitska	1.9	2.9	1.0	0.9	1.8	0.3	1.5	3.2	0.5	0.5	0.8	0.1	0.2	0.4	0.0	0.3	0.8	0.0
Volynska	1.7	2.7	0.9	1.0	1.9	0.4	1.7	3.1	0.8	0.4	0.8	0.0	0.3	0.7	0.0	0.5	1.2	0.0
Dnipropetrovska	0.9	1.4	0.5	0.4	0.8	0.2	0.8	1.4	0.5	0.3	0.4	0.2	0.1	0.2	0.1	0.2	0.5	0.2
Donetska																		
Zhytomyrska	2.2	3.1	1.4	1.0	2.0	0.4	1.8	3.4	0.9	0.7	1.2	0.3	0.3	0.8	0.1	0.6	1.3	0.1
Zakarpatska	1.3	1.3	1.2	0.8	1.0	0.7	1.5	1.8	1.3	0.2	0.3	0.0	0.1	0.2	0.0	0.1	0.4	0.0
Zaporizka	2.0	2.9	1.2	0.9	1.9	0.4	1.8	3.8	0.7	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Ivano-Frankivska	1.5	1.9	1.2	0.8	1.2	0.5	1.5	2.4	1.0	0.2	0.3	0.0	0.0	0.1	0.0	0.1	0.4	0.0
Kyivska	1.8	2.7	1.1	0.9	1.8	0.4	1.6	3.2	0.7	0.4	0.8	0.1	0.2	0.5	0.0	0.4	0.9	0.1
Kirovohradska	2.6	4.6	1.0	1.3	2.8	0.4	2.2	4.8	0.6	0.3	0.7	0.0	0.2	0.4	0.0	0.3	0.8	0.0
Luhanska																		
Lvivska	1.6	2.8	0.5	0.9	1.8	0.2	1.5	3.3	0.4	0.2	0.4	0.1	0.1	0.2	0.0	0.2	0.5	0.0
Mykolaiivska	1.8	2.5	1.1	1.0	1.6	0.5	1.6	2.5	0.9	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.2	0.0
Odessa	1.7	3.0	0.6	0.8	1.8	0.2	1.5	3.3	0.4	0.6	1.0	0.2	0.2	0.5	0.1	0.6	1.2	0.2
Poltavska	1.5	1.9	1.2	0.7	1.1	0.4	1.1	1.9	0.7	0.2	0.5	0.0	0.1	0.3	0.0	0.2	0.5	0.0
Rivnenska	1.0	1.1	1.0	0.5	0.8	0.3	0.9	1.5	0.7	0.5	0.5	0.5	0.4	0.5	0.4	0.6	1.0	0.5
Sumska	1.8	2.6	1.2	0.8	1.5	0.2	1.3	2.5	0.5	0.4	0.4	0.3	0.1	0.2	0.1	0.3	0.6	0.2
Terнопil'ska	1.1	1.2	0.9	0.5	0.8	0.2	0.8	1.4	0.4	0.5	0.8	0.2	0.2	0.5	0.0	0.3	0.8	0.1
Kharkivska	0.8	1.3	0.3	0.3	0.7	0.1	0.6	1.4	0.1	0.4	0.6	0.1	0.2	0.4	0.0	0.3	0.7	0.1
Khersonska	2.1	3.3	1.1	1.2	2.4	0.4	2.2	4.6	0.8	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.1
Khmelnytska	1.8	2.2	1.5	0.7	1.3	0.4	1.3	2.3	0.8	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0
Cherkaska	3.1	4.3	2.1	1.2	2.2	0.6	2.3	4.4	1.1	0.6	1.1	0.2	0.3	0.6	0.0	0.5	1.0	0.1
Chernivetska	1.4	2.4	0.6	0.7	1.5	0.4	1.3	2.7	0.6	0.3	0.2	0.4	0.1	0.1	0.2	0.3	0.3	0.4
Chernihivska	1.7	1.3	2.0	0.8	0.8	0.7	1.2	1.2	1.1	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.2	0.0
Kyiv city	0.3	0.6	0.1	0.2	0.4	0.0	0.3	0.8	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
<b>Ukraine</b>				<b>1.4</b>	<b>2.0</b>	<b>0.9</b>				<b>0.3</b>	<b>0.4</b>	<b>0.1</b>
AR Krym												
Vinnyska	26	23	3	1.7	3.2	0.4	4	4	0	0.3	0.6	0.0
Volynska	10	6	4	1.0	1.2	0.7	3	2	1	0.3	0.4	0.2
Dnipropetrovska	36	22	14	1.1	1.5	0.8	9	8	1	0.3	0.6	0.1
Donetska	15	8	7				2	2	0			
Zhytomyrska	18	9	9	1.5	1.6	1.4	3	2	1	0.3	0.4	0.2
Zakarpatska	9	8	1	0.7	1.3	0.2	4	2	2	0.3	0.3	0.3
Zaporizka	21	13	8	1.2	1.7	0.9	8	5	3	0.5	0.6	0.3
Ivano-Frankivska	15	10	5	1.1	1.5	0.7	3	2	1	0.2	0.3	0.1
Kyivska	17	10	7	1.0	1.2	0.7	8	6	2	0.5	0.7	0.2
Kirovohradska	36	23	13	3.8	5.3	2.6	2	1	1	0.2	0.2	0.2
Luhanska	8	6	2				2	2	0			
Lvivska	25	15	10	1.0	1.3	0.8	5	4	1	0.2	0.3	0.1
Mykolaivska	31	17	14	2.7	3.3	2.3	2	2	0	0.2	0.4	0.0
Odesska	25	19	6	1.1	1.7	0.5	6	5	1	0.3	0.5	0.1
Poltavska	19	15	4	1.4	2.3	0.5	2	1	1	0.1	0.2	0.1
Rivnenska	12	10	2	1.0	1.8	0.3	2	2	0	0.2	0.4	0.0
Sumska	18	10	8	1.7	2.0	1.4	4	4	0	0.4	0.8	0.0
Ternopil'ska	16	14	2	1.5	2.9	0.4	3	2	1	0.3	0.4	0.2
Kharkivska	27	17	10	1.0	1.4	0.7	8	6	2	0.3	0.5	0.1
Khersonska	30	20	10	2.9	4.2	1.8	5	3	2	0.5	0.6	0.4
Khmelnyska	37	27	10	2.9	4.6	1.5	1	1	0	0.1	0.2	0.0
Cherkaska	36	20	16	3.0	3.6	2.5	2	2	0	0.2	0.4	0.0
Chernivetska	7	4	3	0.8	0.9	0.6	5	5	0	0.6	1.2	0.0
Chernihivska	18	12	6	1.8	2.7	1.1	0	0	0	0.0	0.0	0.0
Kyiv city	7	6	1	0.2	0.5	0.1	3	2	1	0.1	0.2	0.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	▲
<b>Ukraine</b>	<b>55.1</b>	<b>35.2</b>	<b>6.3</b>	<b>2.2</b>	<b>0.9</b>	<b>5.6</b>		<b>82.9</b>	<b>93.6</b>	<b>54.5</b>	<b>30.4</b>	<b>48.9</b>	<b>14.4</b>
AR Krym													
Vinnyska	45.8	45.8	8.3	0.0	0.0	4.0	0	83.3	84.6	37.5	38.6	62.5	18.1
Volynska	30.0	70.0	0.0	0.0	0.0	0.0	0	90.0	100.0	80.0	27.7	44.7	12.5
Dnipropetrovska	40.6	53.1	3.1	3.1	0.0	11.5	0	71.9	97.2	62.5	17.3	28.4	7.9
Donetska	73.3	20.0	6.7	0.0	0.0			73.3	93.3	46.7			
Zhytomyrska	40.0	40.0	20.0	0.0	0.0	4.0	0	93.3	100.0	60.0	32.8	49.5	18.4
Zakarpatska	33.3	55.6	11.1	0.0	0.0	6.7	0	55.6	66.7	77.8	20.7	35.0	7.5
Zaporizka	63.2	31.6	5.3	0.0	0.0	6.5	0	73.7	100.0	68.4	31.5	51.3	14.9
Ivano-Frankivska	50.0	28.6	21.4	0.0	0.0	0.0	0	85.7	93.3	50.0	23.0	34.2	12.9
Kyivska	56.3	25.0	12.5	6.3	0.0	14.3	0	68.8	82.4	43.8	32.6	54.3	14.2
Kirovohradska	78.1	12.5	0.0	9.4	0.0	0.0	0	78.1	94.4	53.1	41.5	66.1	20.6
Luhanska	100.0	0.0	0.0	0.0	0.0			100.0	75.0	66.7			
Lvivska	56.5	34.8	0.0	0.0	8.7	0.0	0	87.0	96.0	69.6	32.7	55.6	12.1
Mykolaivska	59.3	33.3	3.7	0.0	0.0	5.0	0	92.6	96.8	81.5	50.8	82.3	23.6
Odesska	42.9	42.9	4.8	9.5	0.0	6.1	0	90.5	92.0	9.5	31.8	49.1	16.4
Poltavska	27.8	66.7	5.6	0.0	0.0	5.3	0	88.9	94.7	33.3	37.6	60.4	18.1
Rivnenska	50.0	20.0	10.0	20.0	0.0	0.0	0	80.0	100.0	60.0	21.3	32.4	11.2
Sumska	60.0	40.0	0.0	0.0	0.0	11.8	0	93.3	100.0	66.7	44.7	70.5	22.8
Ternopil'ska	26.7	60.0	13.3	0.0	0.0	22.2	0	93.3	100.0	53.3	37.3	62.5	15.1
Kharkivska	58.3	33.3	0.0	0.0	8.3	23.5	0	75.0	100.0	75.0	25.9	42.3	11.7
Khersonska	60.9	21.7	17.4	0.0	0.0	0.0	0	91.3	96.7	17.4	42.6	68.4	20.2
Khmelnyska	57.1	40.0	2.9	0.0	0.0	0.0	0	82.9	89.2	60.0	43.7	67.9	22.6
Cherkaska	71.4	21.4	7.1	0.0	0.0	0.0	0	75.0	83.3	35.7	42.7	68.4	20.9
Chernivetska	57.1	28.6	14.3	0.0	0.0	0.0	0	85.7	100.0	57.1	49.9	78.7	24.3
Chernihivska	69.2	23.1	0.0	7.7	0.0	6.7	0	100.0	100.0	76.9	30.3	49.6	14.2
Kyiv city	66.7	16.7	16.7	0.0	0.0	14.3	0	83.3	100.0	66.7	6.9	10.9	3.5
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		2196	1690	506
Incidence (crude rate)		6.1	10.1	2.6
Incidence (age-standardized, world standard)		3.8	7.0	1.4
Incidence (age-standardized, Ukrainian standard)		5.6	10.4	2.2
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-3.3% ~~	-6.7% ~~	11.9% ~~
Mortality: number of new cases*		1462	1244	218
Mortality (crude rate)		4.1	7.5	1.1
Mortality (age-standardized, world standard)		2.5	5.1	0.6
Mortality (age-standardized, Ukrainian standard)		3.7	7.6	0.9
Lived less than 1 year since the diagnosis in 2018, %		38.8	43.2	23.2
From among the newly diagnosed – diagnosed post mortem, %		1.0	1.0	0.9
Microscopically verified diagnoses, %		94.9	95.3	93.9
Diagnoses verified with histology, %		81.6	80.6	85.0
Unspecified morphology, %		95.8	62.0	210.3
Patients diagnosed during the preventive medical examinations, %		17.6	16.6	20.8
Newly diagnosed patients received the anti-cancer treatment, %		74.4	73.9	76.1
- surgical treatment only, %		4.5	3.3	8.8
- treatment combined or complex, %		18.6	16.0	27.9
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*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	
<b>Ukraine</b>	<b>6.1</b>	<b>10.1</b>	<b>2.6</b>	<b>3.8</b>	<b>7.0</b>	<b>1.4</b>	<b>5.6</b>	<b>10.4</b>	<b>2.2</b>	<b>4.1</b>	<b>7.5</b>	<b>1.1</b>	<b>2.5</b>	<b>5.1</b>	<b>0.6</b>	<b>3.7</b>	<b>7.6</b>	<b>0.9</b>
AR Krym																		
Vinnitska	7.3	13.2	2.3	4.6	8.9	1.4	6.6	13.0	2.0	4.7	9.1	1.0	2.9	5.9	0.6	4.2	8.9	0.9
Volynska	5.4	9.4	1.8	3.7	7.0	1.1	5.0	9.7	1.5	4.3	8.4	0.7	3.0	6.4	0.3	4.1	8.9	0.5
Dnipropetrovska	6.2	9.7	3.2	3.8	6.8	1.6	5.4	9.7	2.4	4.7	8.1	1.8	2.7	5.3	0.9	4.0	8.1	1.3
Donetska																		
Zhytomyrska	7.1	13.8	1.4	4.7	9.8	0.8	6.8	14.8	1.1	4.8	9.1	1.1	3.1	6.5	0.5	4.5	9.3	0.9
Zakarpatska	6.2	10.4	2.3	4.4	8.1	1.4	6.3	12.0	2.1	3.9	7.0	1.1	2.8	5.3	0.7	4.1	7.8	1.2
Zaporizka	6.2	10.3	2.7	3.4	6.5	1.2	5.2	10.3	2.0	4.1	7.1	1.5	2.2	4.3	0.8	3.3	7.0	1.2
Ivano-Frankivska	5.3	10.0	1.1	3.6	7.1	0.8	5.1	10.4	1.0	3.3	6.5	0.4	2.2	4.7	0.2	3.1	6.8	0.2
Kyivska	6.2	11.3	1.9	4.0	8.0	1.1	5.8	11.6	1.7	4.8	9.5	0.7	3.0	6.6	0.3	4.4	9.9	0.6
Kirovohradska	5.9	8.2	3.9	3.3	5.4	1.7	5.2	8.7	2.9	2.7	4.3	1.4	1.6	2.8	0.6	2.4	4.3	1.1
Luhanska																		
Lvivska	4.8	7.6	2.4	3.1	5.3	1.3	4.5	7.7	2.0	3.3	5.7	1.2	2.1	4.0	0.6	3.2	6.0	1.1
Mykolaiivska	5.5	8.3	3.1	3.4	5.6	1.6	5.1	8.5	2.6	2.2	4.0	0.7	1.4	2.7	0.3	2.0	4.1	0.6
Odessa	6.2	9.9	3.0	4.0	7.0	1.7	6.0	10.5	2.8	3.8	6.6	1.3	2.4	4.7	0.7	3.6	7.3	1.0
Poltavska	6.2	9.1	3.7	3.4	5.8	1.7	5.1	8.7	2.6	4.1	7.1	1.5	2.2	4.3	0.6	3.3	6.5	1.0
Rivnenska	5.4	8.9	2.1	3.8	6.8	1.3	5.2	9.2	1.9	5.2	9.6	1.2	3.5	7.3	0.6	5.4	11.4	1.0
Sumska	8.1	14.0	3.0	4.8	9.0	1.7	6.9	13.4	2.4	5.7	11.0	1.2	3.2	6.9	0.5	4.6	9.9	0.8
Terнопil'ska	6.0	11.0	1.6	4.0	7.6	1.3	5.7	11.6	1.6	3.8	7.7	0.4	2.5	5.2	0.3	3.5	7.5	0.4
Kharkivska	7.0	11.0	3.5	4.0	7.2	1.8	6.0	11.4	2.6	3.8	6.5	1.5	2.2	4.2	0.6	3.1	6.2	0.9
Khersonska	6.2	10.1	2.9	3.8	6.7	1.7	5.5	10.0	2.4	3.3	6.2	0.7	2.0	4.1	0.5	3.0	6.2	0.7
Khmelnytska	6.8	11.5	2.8	4.2	7.7	1.7	6.1	11.5	2.3	5.2	10.2	0.9	3.1	6.7	0.4	4.6	10.2	0.6
Cherkaska	7.6	13.1	2.9	4.3	8.2	1.4	6.4	12.2	2.2	4.8	9.3	0.9	2.7	5.9	0.5	4.0	8.7	0.7
Chernivetska	3.7	7.1	0.6	2.5	5.3	0.4	3.6	7.6	0.5	3.4	6.4	0.8	2.2	4.6	0.3	3.5	7.6	0.6
Chernihivska	6.7	11.5	2.7	3.8	7.3	1.2	5.5	10.6	1.8	6.2	13.1	0.5	3.6	8.2	0.2	5.0	11.6	0.3
Kyiv city	5.3	7.8	3.1	3.4	5.6	1.9	5.1	8.4	2.8	3.0	4.9	1.4	1.9	3.6	0.7	3.0	5.6	1.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
<b>Ukraine</b>				<b>5.8</b>	<b>9.6</b>	<b>2.4</b>				<b>4.0</b>	<b>7.0</b>	<b>1.3</b>
AR Krym												
Vinnitska	104	94	10	6.7	13.1	1.2	89	78	11	5.7	10.9	1.3
Volynska	49	37	12	4.8	7.6	2.2	43	39	4	4.2	8.0	0.7
Dnipropetrovska	190	130	60	5.9	8.9	3.5	123	96	27	3.8	6.6	1.6
Donetska	70	54	16				60	46	14			
Zhytomyrska	84	69	15	6.9	12.2	2.3	52	47	5	4.3	8.3	0.8
Zakarpatska	72	64	8	5.7	10.6	1.2	38	33	5	3.0	5.5	0.8
Zaporizka	84	58	26	4.9	7.5	2.8	68	53	15	4.0	6.8	1.6
Ivano-Frankivska	53	43	10	3.9	6.6	1.4	43	39	4	3.1	6.0	0.6
Kyivska	102	79	23	5.8	9.8	2.4	65	55	10	3.7	6.8	1.1
Kirovohradska	62	43	19	6.6	9.9	3.8	30	26	4	3.2	6.0	0.8
Luhanska	35	26	9				23	21	2			
Lvivska	130	112	18	5.2	9.4	1.4	73	62	11	2.9	5.2	0.8
Mykolaivska	65	43	22	5.8	8.2	3.6	47	41	6	4.2	7.8	1.0
Odessa	136	107	29	5.7	9.6	2.3	81	63	18	3.4	5.7	1.4
Poltavska	82	63	19	5.9	9.8	2.5	63	53	10	4.5	8.3	1.3
Rivnenska	57	51	6	4.9	9.3	1.0	48	45	3	4.2	8.2	0.5
Sumska	71	53	18	6.6	10.7	3.1	54	47	7	5.0	9.5	1.2
Ternopilska	80	70	10	7.7	14.4	1.8	55	49	6	5.3	10.1	1.1
Kharkivska	163	114	49	6.1	9.3	3.4	123	92	31	4.6	7.5	2.2
Khersonska	74	56	18	7.1	11.6	3.2	45	35	10	4.3	7.3	1.8
Khmelnyska	74	63	11	5.9	10.8	1.6	44	34	10	3.5	5.8	1.5
Cherkaska	84	69	15	7.0	12.5	2.3	60	50	10	5.0	9.1	1.5
Chernivetska	29	22	7	3.2	5.2	1.5	29	26	3	3.2	6.1	0.6
Chernihivska	73	58	15	7.3	12.8	2.8	47	41	6	4.7	9.0	1.1
Kyiv city	144	100	44	5.0	7.4	2.8	92	65	27	3.2	4.8	1.7
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	▲
<b>Ukraine</b>	<b>11.4</b>	<b>26.4</b>	<b>26.9</b>	<b>26.6</b>	<b>7.8</b>	<b>38.8</b>		<b>71.7</b>	<b>93.5</b>	<b>19.4</b>	<b>26.9</b>	<b>36.6</b>	<b>18.5</b>
AR Krym													
Vinnitska	13.8	32.2	14.9	35.6	0.0	36.7	0	70.1	94.2	18.4	29.4	43.5	17.1
Volynska	8.9	42.2	31.1	15.6	0.0	23.1	1	73.3	98.0	2.2	23.4	31.2	16.5
Dnipropetrovska	10.1	28.5	24.6	31.3	4.5	46.1	4	64.8	91.1	17.3	17.8	23.5	13.1
Donetska	11.9	34.3	29.9	22.4	1.5			58.2	90.0	13.4			
Zhytomyrska	5.3	31.6	43.4	13.2	3.9	35.4	0	85.5	100.0	28.9	26.9	41.0	14.6
Zakarpatska	7.4	22.1	27.9	42.6	0.0	41.4	2	75.0	91.7	8.8	24.2	32.7	16.4
Zaporizka	19.7	10.5	27.6	35.5	5.3	38.3	1	72.4	98.8	18.4	24.5	35.5	15.2
Ivano-Frankivska	11.8	15.7	43.1	27.5	2.0	36.6	0	82.4	98.1	5.9	18.2	28.2	9.3
Kyivska	7.6	23.9	32.6	33.7	0.0	42.9	0	70.7	74.5	10.9	31.8	44.2	21.2
Kirovohradska	23.6	18.2	18.2	34.5	3.6	37.7	2	72.7	91.9	12.7	25.6	30.5	21.3
Luhanska	12.5	15.6	21.9	46.9	3.1			68.8	100.0	18.8			
Lvivska	10.3	23.9	12.0	41.9	11.1	39.6	0	81.2	93.8	15.4	25.2	38.9	12.9
Mykolaivska	13.1	42.6	36.1	8.2	0.0	35.0	0	57.4	89.2	32.8	33.8	43.2	25.7
Odessa	12.6	18.1	16.5	26.0	25.2	30.6	0	70.9	93.4	3.9	33.6	49.4	19.5
Poltavska	10.1	12.7	67.1	8.9	1.3	38.0	0	67.1	96.3	24.1	35.7	42.0	30.3
Rivnenska	7.5	5.7	43.4	34.0	7.5	27.6	0	66.0	86.0	3.8	22.1	29.7	15.2
Sumska	10.9	46.9	7.8	12.5	21.9	37.3	0	87.5	85.9	25.0	38.4	49.1	29.3
Ternopilska	8.2	17.8	52.1	20.5	1.4	40.4	0	78.1	97.5	19.2	25.3	39.4	13.0
Kharkivska	12.0	22.7	10.7	31.3	22.7	40.4	2	60.7	100.0	33.3	29.4	36.1	23.6
Khersonska	17.6	27.9	33.8	20.6	0.0	46.7	1	72.1	97.3	4.4	23.3	29.5	17.8
Khmelnyska	2.9	66.2	25.0	5.9	0.0	40.3	0	76.5	89.2	22.1	26.1	35.2	18.2
Cherkaska	11.8	27.6	23.7	35.5	1.3	40.7	1	57.9	88.1	23.7	33.6	48.5	20.9
Chernivetska	20.7	20.7	24.1	17.2	17.2	38.7	1	89.7	96.6	37.9	23.1	29.9	17.0
Chernihivska	11.1	34.9	20.6	33.3	0.0	48.4	2	76.2	97.3	31.7	26.6	36.6	18.2
Kyiv city	11.9	24.6	23.8	16.7	23.0	38.2	3	81.0	100.0	38.1	26.2	30.9	22.1
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		2442	2148	294
Incidence (crude rate)		6.8	12.9	1.5
Incidence (age-standardized, world standard)		4.4	8.9	1.0
Incidence (age-standardized, Ukrainian standard)		6.2	13.1	1.3
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		6.7% ↑	4.5% ~~	20.7% ↑
Mortality: number of new cases*		1720	1569	151
Mortality (crude rate)		4.8	9.4	0.8
Mortality (age-standardized, world standard)		3.0	6.5	0.5
Mortality (age-standardized, Ukrainian standard)		4.4	9.7	0.7
Lived less than 1 year since the diagnosis in 2018, %		44.4	47.0	25.1
From among the newly diagnosed – diagnosed post mortem, %		0.6	0.6	0.7
Microscopically verified diagnoses, %		94.6	94.7	93.5
Diagnoses verified with histology, %		81.9	81.7	83.0
Unspecified morphology, %		3.8	3.7	4.4
Patients diagnosed during the preventive medical examinations, %		8.0	7.3	12.9
Newly diagnosed patients received the anti-cancer treatment, %		72.8	72.4	75.6
- surgical treatment only, %		2.4	2.2	3.6
- treatment combined or complex, %		10.5	9.8	15.6
Incidence of children population (age 0-17 years):	cases*	4	3	1
	rate per 100 000 of children population	0.1	0.1	0.0
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>6.8</b>	<b>12.9</b>	<b>1.5</b>	<b>4.4</b>	<b>8.9</b>	<b>1.0</b>	<b>6.2</b>	<b>13.1</b>	<b>1.3</b>	<b>4.8</b>	<b>9.4</b>	<b>0.8</b>	<b>3.0</b>	<b>6.5</b>	<b>0.5</b>	<b>4.4</b>	<b>9.7</b>	<b>0.7</b>
AR Krym																		
Vinnitska	7.2	13.9	1.4	4.7	9.7	0.8	6.9	14.4	1.2	4.8	9.8	0.5	2.9	6.5	0.2	4.4	10.2	0.4
Volynska	6.1	11.9	0.9	4.4	9.0	0.7	6.1	12.8	0.9	3.9	8.0	0.2	2.9	6.4	0.1	4.1	9.4	0.1
Dnipropetrovska	6.6	12.1	2.1	4.2	8.2	1.3	5.9	12.1	1.8	4.7	9.2	1.0	2.8	6.1	0.6	4.1	9.2	0.8
Donetska																		
Zhytomyrska	10.1	19.6	1.8	6.6	13.9	1.2	9.8	20.8	1.9	6.6	13.4	0.6	4.1	9.1	0.3	6.0	13.6	0.6
Zakarpatska	9.1	17.4	1.4	6.6	13.5	0.9	9.4	19.7	1.4	7.3	13.9	1.2	5.2	10.7	0.8	7.4	15.4	1.2
Zaporizka	7.4	13.2	2.5	4.4	8.7	1.4	6.3	13.0	1.9	4.5	8.9	0.9	2.6	5.9	0.5	3.9	9.2	0.6
Ivano-Frankivska	5.8	10.6	1.4	4.0	7.7	0.9	5.5	10.9	1.3	4.7	9.1	0.8	3.2	6.6	0.5	4.6	9.6	0.8
Kyivska	6.6	14.2	0.2	4.4	10.1	0.2	6.2	14.6	0.2	5.1	10.5	0.5	3.2	7.3	0.3	4.9	11.6	0.4
Kirovohradska	7.0	13.0	1.8	4.0	8.3	0.8	5.8	12.5	1.1	5.4	11.2	0.4	3.3	7.5	0.2	4.6	10.6	0.3
Luhanska																		
Lvivska	7.1	12.4	2.3	4.6	8.6	1.5	6.4	12.0	2.1	4.2	7.8	0.9	2.7	5.5	0.6	4.0	8.2	0.8
Mykolaiivska	4.6	8.7	1.0	2.8	5.9	0.7	4.0	8.7	0.9	2.8	5.3	0.7	1.8	3.6	0.5	2.5	5.3	0.6
Odessa	6.2	11.3	1.7	4.1	8.0	1.1	5.8	11.8	1.5	3.7	6.8	1.0	2.4	4.9	0.6	3.5	7.2	0.9
Poltavska	7.2	14.0	1.3	4.3	8.9	0.9	6.0	12.8	1.2	5.4	11.0	0.7	3.1	7.1	0.4	4.6	10.6	0.6
Rivnenska	8.1	15.4	1.5	6.0	12.3	1.0	8.5	17.7	1.3	5.4	10.9	0.3	3.9	8.6	0.2	5.5	12.5	0.3
Sumska	8.8	18.4	0.7	5.2	11.4	0.5	7.4	16.5	0.7	7.1	14.8	0.7	4.1	9.3	0.2	6.2	14.5	0.4
Teropil'ska	4.6	8.4	1.3	3.0	5.8	0.8	4.4	8.3	1.3	5.0	9.2	1.3	3.4	6.6	0.8	4.9	9.6	1.2
Kharkivska	4.9	8.6	1.7	2.9	5.8	1.0	4.4	8.9	1.5	4.0	7.7	0.8	2.3	5.1	0.4	3.6	8.1	0.6
Khersonska	6.3	12.0	1.4	3.9	8.1	1.0	5.8	12.4	1.4	4.5	8.5	1.1	2.8	5.7	0.7	4.2	9.1	1.1
Khmelnytska	10.7	21.4	1.5	6.4	13.9	0.8	9.4	21.1	1.0	6.6	13.4	0.7	3.9	8.7	0.4	5.6	12.8	0.5
Cherkaska	7.5	15.0	1.1	4.5	9.5	0.6	6.3	13.8	0.9	4.8	9.5	0.8	2.7	5.9	0.5	4.1	9.1	0.7
Chernivetska	6.5	11.5	2.1	4.6	8.8	1.2	6.5	12.3	1.9	5.5	10.8	0.8	3.8	8.0	0.5	5.4	11.4	0.8
Chernihivska	8.9	18.9	0.5	5.3	11.9	0.4	7.5	17.6	0.5	6.3	13.7	0.2	3.5	8.4	0.1	5.3	13.1	0.1
Kyiv city	4.7	8.3	1.7	3.0	5.8	1.1	4.4	8.9	1.5	3.2	5.8	1.0	2.0	3.9	0.6	3.0	6.1	0.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>6.1</b>	<b>11.5</b>	<b>1.4</b>				<b>4.2</b>	<b>8.3</b>	<b>0.7</b>
AR Krym												
Vinnitska	102	90	12	6.6	12.5	1.4	84	79	5	5.4	11.0	0.6
Volynska	89	77	12	8.6	15.8	2.2	49	44	5	4.8	9.0	0.9
Dnipropetrovska	180	148	32	5.6	10.1	1.8	127	113	14	4.0	7.7	0.8
Donetska	60	50	10				37	30	7			
Zhytomyrska	93	85	8	7.6	15.0	1.2	82	76	6	6.7	13.4	0.9
Zakarpatska	90	74	16	7.2	12.3	2.5	79	74	5	6.3	12.3	0.8
Zaporizka	93	81	12	5.5	10.4	1.3	73	65	8	4.3	8.4	0.9
Ivano-Frankivska	102	90	12	7.4	13.9	1.7	67	64	3	4.9	9.9	0.4
Kyivska	128	114	14	7.3	14.1	1.5	67	64	3	3.8	7.9	0.3
Kirovohradska	83	71	12	8.8	16.4	2.4	57	53	4	6.1	12.2	0.8
Luhanska	41	36	5				28	23	5			
Lvivska	136	122	14	5.4	10.3	1.1	82	77	5	3.3	6.5	0.4
Mykolaivska	57	52	5	5.0	9.9	0.8	35	30	5	3.1	5.7	0.8
Odessa	119	102	17	5.0	9.2	1.4	56	55	1	2.4	4.9	0.1
Poltavska	104	91	13	7.5	14.2	1.7	72	62	10	5.2	9.7	1.3
Rivnenska	80	74	6	6.9	13.5	1.0	50	49	1	4.3	8.9	0.2
Sumska	96	88	8	8.9	17.8	1.4	64	62	2	5.9	12.5	0.3
Ternopilska	43	38	5	4.1	7.8	0.9	34	33	1	3.3	6.8	0.2
Kharkivska	143	114	29	5.4	9.3	2.0	91	76	15	3.4	6.2	1.1
Khersonska	48	40	8	4.6	8.3	1.4	48	41	7	4.6	8.5	1.3
Khmelnyska	95	89	6	7.5	15.2	0.9	74	72	2	5.9	12.3	0.3
Cherkaska	85	80	5	7.1	14.5	0.8	60	58	2	5.0	10.5	0.3
Chernivetska	50	45	5	5.6	10.6	1.1	32	28	4	3.6	6.6	0.8
Chernihivska	74	68	6	7.4	15.0	1.1	53	49	4	5.3	10.8	0.7
Kyiv city	95	78	17	3.3	5.8	1.1	73	58	15	2.5	4.3	1.0
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>2.1</b>	<b>10.8</b>	<b>39.3</b>	<b>39.0</b>	<b>7.6</b>	<b>44.4</b>		<b>72.8</b>	<b>93.1</b>	<b>7.6</b>	<b>20.9</b>	<b>34.7</b>	<b>8.9</b>
AR Krym													
Vinnitska	1.1	14.1	44.6	38.0	0.0	51.0	0	68.5	93.1	4.3	22.8	40.9	7.2
Volynska	4.6	17.2	47.1	31.0	0.0	37.1	1	86.2	98.9	1.1	19.8	34.1	7.0
Dnipropetrovska	3.4	8.5	33.0	46.6	5.1	49.0	1	65.9	94.4	5.7	16.1	25.6	8.0
Donetska	3.6	16.1	57.1	19.6	3.6			71.4	91.7	21.4			
Zhytomyrska	0.0	5.9	61.2	29.4	0.0	50.0	0	80.0	98.9	7.1	23.7	41.9	7.8
Zakarpatska	0.0	11.6	41.9	45.3	1.2	51.4	0	81.4	93.3	3.5	28.3	43.1	14.6
Zaporizka	4.7	7.0	39.5	39.5	7.0	43.8	1	70.9	96.8	7.0	19.7	32.1	9.2
Ivano-Frankivska	1.0	6.1	51.0	40.8	1.0	53.2	1	65.3	96.1	1.0	17.7	27.3	9.0
Kyivska	0.8	10.0	40.8	48.3	0.0	38.9	1	77.5	69.5	4.2	25.7	46.2	8.2
Kirovohradska	6.4	11.5	37.2	43.6	0.0	42.2	0	71.8	97.6	5.1	21.1	32.8	11.1
Luhanska	0.0	7.5	22.5	67.5	2.5			60.0	95.1	2.5			
Lvivska	1.6	10.2	23.6	52.8	11.0	29.7	0	81.9	90.4	0.8	22.8	38.2	8.9
Mykolaivska	0.0	29.1	56.4	14.5	0.0	52.9	0	65.5	93.0	21.8	19.8	31.1	10.1
Odessa	4.3	10.3	25.9	42.2	15.5	32.1	0	76.7	93.3	2.6	27.6	45.4	11.8
Poltavska	3.0	5.0	65.0	27.0	0.0	47.4	0	72.0	94.2	13.0	20.9	34.1	9.6
Rivnenska	0.0	7.9	38.2	35.5	14.5	38.5	0	59.2	91.3	2.6	18.9	33.1	6.1
Sumska	0.0	11.7	39.4	30.9	18.1	48.4	0	85.1	91.7	9.6	25.3	44.8	8.7
Ternopilska	0.0	20.5	43.6	35.9	0.0	52.2	0	84.6	100.0	15.4	13.6	20.5	7.6
Kharkivska	3.6	9.5	7.3	37.2	42.3	50.0	1	55.5	98.6	19.0	18.3	26.9	10.9
Khersonska	0.0	16.7	41.7	39.6	0.0	42.6	0	75.0	93.8	6.3	15.7	26.6	6.3
Khmelnyska	1.1	18.7	49.5	28.6	0.0	47.7	1	78.0	88.4	9.9	22.4	40.8	6.4
Cherkaska	0.0	8.2	35.6	47.9	8.2	47.7	2	56.2	89.4	6.8	23.0	42.0	6.8
Chernivetska	2.1	10.4	62.5	22.9	2.1	45.5	1	85.4	94.0	16.7	25.7	38.9	14.1
Chernihivska	4.3	4.3	33.3	56.5	0.0	49.4	1	79.7	94.6	8.7	20.4	38.6	5.2
Kyiv city	1.2	8.5	29.3	34.1	23.2	37.0	3	76.8	100.0	11.0	17.0	27.7	7.9
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		1745	1536	209
Incidence (crude rate)		4.9	9.2	1.1
Incidence (age-standardized, world standard)		2.9	6.2	0.5
Incidence (age-standardized, Ukrainian standard)		4.4	9.7	0.8
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		4.2% ~~	3.1% ~~	7.7% ~~
Mortality: number of new cases*		1276	1164	112
Mortality (crude rate)		3.6	7.0	0.6
Mortality (age-standardized, world standard)		2.1	4.7	0.3
Mortality (age-standardized, Ukrainian standard)		3.2	7.5	0.5
Lived less than 1 year since the diagnosis in 2018, %		64.4	65.5	56.0
From among the newly diagnosed – diagnosed post mortem, %		1.4	1.3	2.2
Microscopically verified diagnoses, %		82.6	83.4	76.6
Diagnoses verified with histology, %		75.2	75.8	70.3
Unspecified morphology, %		7.1	7.1	7.5
Patients diagnosed during the preventive medical examinations, %		7.0	6.8	8.6
Newly diagnosed patients received the anti-cancer treatment, %		51.2	51.7	47.3
- surgical treatment only, %		5.9	6.3	3.3
- treatment combined or complex, %		9.3	9.5	8.2
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>4.9</b>	<b>9.2</b>	<b>1.1</b>	<b>2.9</b>	<b>6.2</b>	<b>0.5</b>	<b>4.4</b>	<b>9.7</b>	<b>0.8</b>	<b>3.6</b>	<b>7.0</b>	<b>0.6</b>	<b>2.1</b>	<b>4.7</b>	<b>0.3</b>	<b>3.2</b>	<b>7.5</b>	<b>0.5</b>
AR Krym																		
Vinnitska	6.2	11.9	1.3	3.5	7.6	0.6	5.4	11.8	1.0	5.0	9.9	0.7	2.9	6.5	0.3	4.5	10.0	0.5
Volynska	4.3	8.6	0.6	3.0	6.5	0.3	4.4	9.7	0.5	4.2	8.6	0.2	2.9	6.6	0.1	4.3	10.2	0.2
Dnipropetrovska	4.9	9.1	1.4	2.7	5.9	0.7	4.3	9.3	1.1	3.6	6.7	1.0	1.9	4.4	0.4	3.2	7.3	0.7
Donetska																		
Zhytomyrska	7.3	14.7	0.9	4.5	10.1	0.4	6.9	16.0	0.7	5.7	11.7	0.5	3.6	8.3	0.3	5.6	13.5	0.4
Zakarpatska	5.0	8.8	1.5	3.5	7.0	0.9	5.5	11.0	1.4	3.3	6.0	0.8	2.3	4.7	0.4	3.5	7.2	0.7
Zaporizka	4.7	8.4	1.6	2.4	5.0	0.7	3.7	8.0	1.0	3.6	6.5	1.2	1.9	4.1	0.5	3.1	7.0	0.7
Ivano-Frankivska	4.7	7.8	1.8	2.8	5.4	0.9	4.4	8.5	1.5	3.4	6.2	1.0	2.1	4.1	0.5	3.2	6.3	0.9
Kyivska	5.5	11.1	0.7	3.3	7.5	0.4	5.0	11.6	0.6	3.6	7.6	0.1	2.0	5.0	0.0	3.2	8.0	0.1
Kirovohradska	4.6	8.9	1.0	2.6	5.7	0.5	3.9	8.6	0.7	3.8	7.8	0.4	2.2	5.0	0.2	3.2	7.6	0.3
Luhanska																		
Lvivska	4.2	8.1	0.7	2.6	5.6	0.3	3.9	8.5	0.5	3.1	6.1	0.5	2.0	4.3	0.3	3.0	6.7	0.4
Mykolaiivska	4.9	8.9	1.5	2.9	5.9	0.9	4.6	9.2	1.6	3.0	5.7	0.7	1.7	3.7	0.3	2.6	5.7	0.6
Odessa	3.8	7.1	0.9	2.2	4.9	0.4	3.5	7.7	0.7	2.0	4.0	0.2	1.2	2.8	0.1	1.9	4.5	0.2
Poltavska	4.7	9.6	0.5	2.4	5.8	0.2	4.0	9.9	0.3	4.0	8.0	0.5	2.1	4.9	0.2	3.4	8.0	0.4
Rivnenska	4.1	8.4	0.2	2.8	6.5	0.1	4.2	10.1	0.1	3.3	6.9	0.0	2.3	5.4	0.0	3.5	8.7	0.0
Sumska	6.4	12.6	1.2	3.4	7.8	0.3	5.5	12.5	0.8	5.0	10.2	0.7	2.5	5.8	0.2	4.1	9.3	0.5
Terнопil'ska	4.8	8.4	1.6	2.9	5.6	0.8	4.3	8.4	1.3	3.2	6.1	0.7	1.9	4.1	0.3	2.9	6.2	0.5
Kharkivska	4.2	8.0	1.0	2.3	5.1	0.4	3.7	8.4	0.7	3.5	6.5	0.8	1.9	4.2	0.4	3.1	7.2	0.7
Khersonska	4.3	8.0	1.1	2.5	5.4	0.6	3.9	8.7	0.9	3.0	6.2	0.2	1.6	3.9	0.1	2.5	6.3	0.2
Khmelnytska	6.9	13.2	1.5	4.0	8.6	0.6	6.2	13.6	1.1	5.8	12.0	0.4	3.4	7.9	0.1	5.2	12.3	0.3
Cherkaska	5.0	10.0	0.8	2.7	6.0	0.4	4.2	9.4	0.6	3.0	5.4	0.9	1.6	3.3	0.3	2.5	5.0	0.6
Chernivetska	3.5	6.1	1.3	2.1	4.4	0.6	3.5	7.5	1.0	3.8	7.3	0.6	2.1	4.9	0.2	3.6	8.6	0.5
Chernihivska	6.8	14.1	0.7	3.8	8.7	0.3	5.6	13.1	0.5	4.8	9.8	0.5	2.5	5.7	0.2	3.6	8.5	0.3
Kyiv city	3.9	7.1	1.2	2.5	5.1	0.6	3.9	8.1	1.0	2.1	4.2	0.4	1.3	3.0	0.2	2.2	4.9	0.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
<b>Ukraine</b>				<b>4.3</b>	<b>8.1</b>	<b>1.0</b>				<b>3.3</b>	<b>6.4</b>	<b>0.6</b>
AR Krym												
Vinnitska	86	79	7	5.5	11.0	0.8	66	61	5	4.3	8.5	0.6
Volynska	51	50	1	4.9	10.3	0.2	32	30	2	3.1	6.2	0.4
Dnipropetrovska	130	113	17	4.1	7.7	1.0	100	85	15	3.1	5.8	0.9
Donetska	51	44	7				30	26	4			
Zhytomyrska	68	60	8	5.6	10.6	1.2	44	40	4	3.6	7.0	0.6
Zakarpatska	43	33	10	3.4	5.5	1.5	32	29	3	2.6	4.8	0.5
Zaporizka	70	58	12	4.1	7.5	1.3	56	44	12	3.3	5.7	1.3
Ivano-Frankivska	50	43	7	3.7	6.6	1.0	38	35	3	2.8	5.4	0.4
Kyivska	95	82	13	5.4	10.1	1.4	67	59	8	3.8	7.3	0.8
Kirovohradska	38	35	3	4.1	8.1	0.6	20	18	2	2.1	4.2	0.4
Luhanska	18	16	2				15	13	2			
Lvivska	114	107	7	4.6	9.0	0.5	77	71	6	3.1	6.0	0.5
Mykolaivska	48	39	9	4.3	7.5	1.5	33	28	5	2.9	5.4	0.8
Odessa	79	67	12	3.3	6.0	1.0	50	44	6	2.1	4.0	0.5
Poltavska	58	50	8	4.2	7.8	1.1	52	47	5	3.7	7.3	0.7
Rivnenska	51	47	4	4.4	8.6	0.7	48	45	3	4.2	8.2	0.5
Sumska	64	56	8	5.9	11.3	1.4	56	52	4	5.2	10.5	0.7
Ternopil'ska	38	36	2	3.6	7.4	0.4	44	41	3	4.2	8.4	0.5
Kharkivska	107	93	14	4.0	7.5	1.0	70	64	6	2.6	5.2	0.4
Khersonska	45	40	5	4.3	8.3	0.9	33	31	2	3.2	6.4	0.4
Khmelnitska	71	65	6	5.6	11.1	0.9	63	58	5	5.0	9.9	0.7
Cherkaska	46	42	4	3.8	7.6	0.6	43	39	4	3.6	7.1	0.6
Chernivetska	24	20	4	2.7	4.7	0.8	25	21	4	2.8	5.0	0.8
Chernihivska	50	47	3	5.0	10.4	0.6	44	42	2	4.4	9.3	0.4
Kyiv city	100	79	21	3.4	5.9	1.3	85	72	13	2.9	5.4	0.8
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	▲
<b>Ukraine</b>	<b>1.5</b>	<b>37.3</b>	<b>31.0</b>	<b>21.2</b>	<b>8.6</b>	<b>64.4</b>		<b>52.1</b>	<b>82.7</b>	<b>7.1</b>	<b>8.3</b>	<b>14.8</b>	<b>2.7</b>
AR Krym													
Vinnitska	0.0	40.0	26.7	33.3	0.0	70.2	0	30.7	83.7	0.0	7.7	14.9	1.6
Volynska	2.2	60.0	13.3	22.2	2.2	68.3	0	66.7	86.3	4.4	8.9	17.4	1.3
Dnipropetrovska	1.6	48.4	28.7	18.0	3.3	65.3	0	40.2	83.1	8.2	6.7	12.1	2.1
Donetska	4.2	29.2	43.8	12.5	10.4			37.5	76.5	10.4			
Zhytomyrska	1.5	45.5	33.3	19.7	0.0	69.1	0	54.5	94.1	7.6	9.4	17.6	2.3
Zakarpatska	0.0	23.7	44.7	31.6	0.0	62.1	0	60.5	86.0	0.0	7.3	11.3	3.5
Zaporizka	1.5	34.3	31.3	20.9	11.9	63.2	0	44.8	78.6	3.0	7.3	11.7	3.6
Ivano-Frankivska	0.0	41.7	27.1	31.3	0.0	61.1	0	33.3	84.0	2.1	4.8	7.6	2.4
Kyivska	4.5	30.7	40.9	23.9	0.0	54.4	0	60.2	72.6	1.1	12.8	23.5	3.8
Kirovohradska	2.6	34.2	39.5	23.7	0.0	65.9	0	52.6	84.2	2.6	6.2	11.8	1.4
Luhanska	7.1	35.7	28.6	28.6	0.0			50.0	94.4	0.0			
Lvivska	0.0	25.7	38.6	20.8	14.9	61.9	0	51.5	78.9	1.0	9.5	18.3	1.6
Mykolaivska	2.2	64.4	24.4	8.9	0.0	57.4	0	64.4	72.9	24.4	10.3	17.8	3.8
Odessa	1.4	38.4	38.4	15.1	5.5	57.0	0	47.9	81.0	0.0	9.8	17.1	3.3
Poltavska	2.0	27.5	25.5	41.2	2.0	70.3	0	41.2	74.1	7.8	6.2	10.7	2.3
Rivnenska	0.0	34.0	38.3	4.3	23.4	67.4	0	61.7	88.2	19.1	7.1	13.3	1.5
Sumska	0.0	66.1	16.9	13.6	3.4	60.0	0	69.5	81.3	8.5	11.4	20.4	3.8
Ternopil'ska	0.0	44.4	19.4	33.3	2.8	76.1	0	72.2	81.6	13.9	7.2	12.1	2.9
Kharkivska	0.0	21.0	20.0	10.0	47.0	71.8	0	48.0	83.2	2.0	9.1	15.0	4.0
Khersonska	0.0	7.0	55.8	37.2	0.0	58.5	0	58.1	100.0	2.3	6.0	10.6	2.0
Khmelnitska	1.5	53.0	34.8	10.6	0.0	64.7	0	60.6	67.6	1.5	9.2	16.2	3.1
Cherkaska	5.1	33.3	33.3	25.6	2.6	67.3	0	59.0	87.0	15.4	7.7	14.3	2.0
Chernivetska	0.0	17.4	21.7	26.1	34.8	67.7	0	69.6	87.5	0.0	9.7	16.7	3.4
Chernihivska	2.2	22.2	35.6	35.6	4.4	72.3	0	57.8	94.0	4.4	7.5	15.9	0.6
Kyiv city	2.4	41.0	18.1	18.1	19.3	56.6	0	54.2	90.0	36.1	7.9	12.9	3.6
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		7492	4508	2984
Incidence (crude rate)		20.9	27.1	15.5
Incidence (age-standardized, world standard)		11.4	17.7	7.4
Incidence (age-standardized, Ukrainian standard)		19.0	30.0	12.2
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-1.9% ~~	-3.4% ~~	0.0% ~~
Mortality: number of new cases*		5476	3386	2090
Mortality (crude rate)		15.3	20.3	10.9
Mortality (age-standardized, world standard)		8.2	13.1	5.1
Mortality (age-standardized, Ukrainian standard)		13.8	22.6	8.5
Lived less than 1 year since the diagnosis in 2018, %		55.5	56.9	53.4
From among the newly diagnosed – diagnosed post mortem, %		1.9	2.2	1.4
Microscopically verified diagnoses, %		83.2	83.9	82.1
Diagnoses verified with histology, %		78.1	78.8	77.0
Unspecified morphology, %		7.5	7.9	6.8
Patients diagnosed during the preventive medical examinations, %		7.5	7.2	8.0
Newly diagnosed patients received the anti-cancer treatment, %		46.3	45.9	46.9
- surgical treatment only, %		16.9	16.3	17.9
- treatment combined or complex, %		14.1	14.0	14.3
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*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>20.9</b>	<b>27.1</b>	<b>15.5</b>	<b>11.4</b>	<b>17.7</b>	<b>7.4</b>	<b>19.0</b>	<b>30.0</b>	<b>12.2</b>	<b>15.3</b>	<b>20.3</b>	<b>10.9</b>	<b>8.2</b>	<b>13.1</b>	<b>5.1</b>	<b>13.8</b>	<b>22.6</b>	<b>8.5</b>
AR Krym																		
Vinnitska	20.3	27.0	14.5	11.1	17.2	6.8	17.9	28.0	11.1	19.9	25.4	15.2	10.5	16.1	6.8	17.3	26.9	11.2
Volynska	18.3	24.6	12.8	12.0	18.9	7.2	19.3	30.4	11.7	13.7	18.2	9.7	8.6	13.5	5.4	14.0	22.5	8.8
Dnipropetrovska	21.7	26.7	17.5	11.5	17.1	8.1	19.1	29.2	13.4	17.1	21.4	13.4	8.6	13.3	5.7	14.6	23.0	9.9
Donetska																		
Zhytomyrska	20.8	29.2	13.5	12.0	19.6	6.7	19.3	32.1	11.0	12.6	17.8	8.0	7.0	11.7	3.9	11.4	19.6	6.2
Zakarpatska	15.1	20.1	10.6	9.7	15.4	5.7	16.8	26.6	10.3	12.6	17.4	8.1	8.1	13.3	4.7	13.6	23.1	7.8
Zaporizka	18.6	23.9	14.1	9.0	14.4	5.9	15.2	25.3	9.8	16.0	21.9	11.0	7.4	12.9	4.2	13.1	23.1	7.5
Ivano-Frankivska	15.4	18.9	12.2	8.9	13.9	5.3	15.3	23.5	9.7	11.7	15.8	8.0	6.7	11.2	3.7	11.3	19.3	6.3
Kyivska	23.6	31.3	16.9	13.3	20.9	8.7	22.2	35.9	14.3	18.0	25.1	12.0	9.7	16.4	5.8	16.6	29.1	9.6
Kirovohradska	22.7	29.5	17.0	12.1	18.3	8.4	20.0	31.4	13.5	15.2	22.2	9.2	7.8	13.4	4.3	13.0	23.1	7.1
Luhanska																		
Lvivska	16.7	22.2	11.7	9.5	15.2	5.6	16.2	26.3	9.6	10.5	13.4	7.9	5.9	9.2	3.7	10.1	16.0	6.2
Mykolaiivska	19.2	25.6	13.7	10.1	16.2	6.1	16.7	26.9	10.3	12.1	17.8	7.2	6.7	11.5	3.7	10.9	19.1	6.0
Odesska	15.0	18.2	12.1	8.6	12.3	6.1	14.0	20.4	9.9	8.9	10.3	7.6	5.0	6.8	3.8	8.1	11.4	6.0
Poltavska	20.6	26.2	15.7	10.7	16.0	7.3	17.5	26.3	12.0	17.5	24.8	11.2	8.8	14.6	5.3	14.5	24.7	8.5
Rivnenska	18.3	25.2	12.0	12.1	19.9	6.8	20.4	34.0	11.6	15.1	19.2	11.3	9.7	15.3	6.2	16.7	27.4	10.3
Sumska	31.4	40.1	24.0	15.5	23.7	10.3	26.2	41.5	17.1	20.3	28.0	13.9	10.0	16.3	6.6	17.6	30.1	11.0
Terнопil'ska	16.4	22.0	11.5	9.1	14.5	5.5	15.3	24.9	9.2	13.4	18.1	9.1	7.5	11.9	4.5	12.4	20.7	7.2
Kharkivska	24.5	30.6	19.2	12.9	19.3	8.8	21.4	32.6	14.7	17.6	21.5	14.1	9.1	13.4	6.3	15.0	22.7	10.5
Khersonska	21.3	24.7	18.4	11.3	16.4	8.3	18.6	27.8	13.5	14.8	19.8	10.5	8.1	12.8	5.1	13.3	21.8	8.4
Khmelnytska	25.0	34.2	17.0	13.2	21.9	7.0	21.9	36.3	12.3	19.7	28.0	12.5	10.3	17.8	5.4	17.6	30.6	9.4
Cherkaska	27.3	37.4	18.7	13.7	21.9	8.1	22.4	36.6	13.4	20.4	29.2	12.9	9.9	16.6	5.6	16.9	29.0	9.6
Chernivetska	18.3	25.2	12.1	11.1	17.5	6.7	18.1	28.9	11.0	12.8	16.5	9.6	7.5	11.2	5.0	12.4	18.7	8.2
Chernihivska	30.3	41.8	20.7	14.7	24.3	8.3	23.8	40.0	13.7	20.4	29.4	12.9	9.7	17.1	5.1	16.0	29.7	8.2
Kyiv city	23.2	29.1	18.1	12.9	18.9	9.0	21.9	33.2	14.9	14.6	19.1	10.7	8.1	12.6	5.1	13.8	21.5	8.7
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	▲	♂	♀	▲	♂	♀	▲	♂	♀	▲
<b>Ukraine</b>				<b>19.5</b>	<b>25.0</b>	<b>14.8</b>				<b>14.0</b>	<b>18.4</b>	<b>10.1</b>
AR Krym												
Vinnitska	359	215	144	23.1	29.9	17.3	256	161	95	16.5	22.4	11.4
Volynska	167	114	53	16.2	23.4	9.7	136	92	44	13.2	18.9	8.1
Dnipropetrovska	679	374	305	21.2	25.6	17.5	497	285	212	15.5	19.5	12.2
Donetska	278	151	127				199	106	93			
Zhytomyrska	211	117	94	17.3	20.6	14.4	163	93	70	13.4	16.4	10.7
Zakarpatska	172	119	53	13.7	19.7	8.1	135	91	44	10.8	15.1	6.8
Zaporizka	252	138	114	14.8	17.7	12.3	213	108	105	12.5	13.9	11.3
Ivano-Frankivska	225	143	82	16.4	22.1	11.4	172	108	64	12.6	16.7	8.9
Kyivska	378	227	151	21.5	28.1	15.9	204	131	73	11.6	16.2	7.7
Kirovohradska	259	149	110	27.6	34.4	21.7	160	90	70	17.0	20.8	13.8
Luhanska	127	79	48				77	49	28			
Lvivska	408	261	147	16.3	22.0	11.2	259	180	79	10.3	15.2	6.0
Mykolaivska	172	110	62	15.2	21.0	10.2	119	76	43	10.5	14.5	7.1
Odessa	290	171	119	12.2	15.3	9.5	179	98	81	7.6	8.8	6.5
Poltavska	292	171	121	21.0	26.6	16.1	232	140	92	16.7	21.8	12.3
Rivnenska	212	137	75	18.3	24.9	12.4	129	85	44	11.2	15.5	7.3
Sumska	345	193	152	32.0	39.0	26.0	223	150	73	20.7	30.3	12.5
Ternopilska	172	113	59	16.5	23.2	10.6	129	88	41	12.4	18.0	7.4
Kharkivska	551	334	217	20.7	27.1	15.2	414	254	160	15.6	20.6	11.2
Khersonska	221	122	99	21.3	25.4	17.8	148	80	68	14.3	16.6	12.3
Khmelnyska	290	182	108	23.0	31.1	16.0	208	138	70	16.5	23.6	10.4
Cherkaska	287	158	129	23.9	28.6	19.8	219	135	84	18.2	24.4	12.9
Chernivetska	144	89	55	16.0	21.0	11.5	119	77	42	13.2	18.1	8.8
Chernihivska	263	164	99	26.4	36.2	18.2	226	136	90	22.7	30.0	16.6
Kyiv city	620	342	278	21.3	25.4	17.8	438	260	178	15.1	19.3	11.4
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	▲
<b>Ukraine</b>	<b>9.6</b>	<b>19.6</b>	<b>22.7</b>	<b>38.2</b>	<b>7.9</b>	<b>55.5</b>		<b>46.6</b>	<b>81.4</b>	<b>6.6</b>	<b>76.8</b>	<b>91.3</b>	<b>64.2</b>
AR Krym													
Vinnitska	11.0	23.2	20.2	43.4	0.0	61.1	1	40.4	73.8	1.2	74.0	88.3	61.6
Volynska	13.9	25.8	13.9	42.4	1.3	61.7	5	54.3	90.4	1.3	60.1	76.1	45.9
Dnipropetrovska	7.2	24.2	34.0	29.1	2.9	63.0	10	36.2	82.3	2.6	53.2	61.5	46.2
Donetska	10.1	10.9	29.2	45.1	3.5			47.5	81.3	7.0			
Zhytomyrska	10.7	20.8	22.3	38.1	3.6	54.0	1	49.7	94.8	8.6	75.1	91.4	61.0
Zakarpatska	10.2	16.6	20.4	47.1	2.5	63.3	12	51.6	89.0	0.0	48.2	60.9	36.4
Zaporizka	9.6	29.7	17.0	36.2	6.1	60.6	5	41.5	79.4	2.6	56.7	66.5	48.5
Ivano-Frankivska	5.6	24.8	17.3	47.7	1.9	51.7	4	44.9	84.4	1.4	50.2	64.0	37.8
Kyivska	12.9	19.7	22.9	42.9	0.0	51.0	5	60.6	81.7	3.4	116.4	138.3	97.8
Kirovohradska	14.1	24.8	23.5	37.6	0.0	56.0	5	53.8	78.4	4.7	67.6	74.8	61.4
Luhanska	4.5	15.3	13.5	55.9	7.2			46.8	92.9	4.5			
Lvivska	7.3	14.2	28.3	34.6	11.3	43.9	1	38.8	71.8	0.0	78.7	97.5	61.8
Mykolaivska	11.0	17.4	31.6	36.8	1.3	57.1	1	51.6	68.6	13.5	77.9	90.3	67.1
Odessa	5.6	8.9	15.6	51.5	18.1	44.9	2	49.6	72.8	1.5	82.3	99.1	67.3
Poltavska	9.5	23.1	13.6	52.0	0.7	62.0	3	45.1	72.6	4.0	72.5	85.6	61.2
Rivnenska	15.9	19.4	26.4	27.9	9.5	51.5	0	45.8	83.5	18.4	69.6	86.3	54.5
Sumska	22.1	27.0	17.2	19.9	12.9	38.1	0	42.3	76.2	11.7	127.4	147.0	110.8
Ternopilska	10.1	15.8	17.7	50.0	5.1	59.1	3	57.0	83.7	11.4	59.8	72.8	48.3
Kharkivska	9.4	10.0	11.4	34.6	32.9	63.7	8	35.2	86.9	2.0	80.6	90.6	71.9
Khersonska	9.4	17.8	20.9	44.5	3.7	54.2	3	48.7	94.6	7.3	69.0	76.5	62.5
Khmelnyska	5.1	32.1	41.6	20.4	0.4	54.5	4	53.3	63.8	6.2	73.8	89.6	60.1
Cherkaska	6.0	22.0	27.6	38.4	2.8	59.0	11	44.0	84.0	8.8	99.2	124.2	78.0
Chernivetska	3.1	13.1	24.6	50.0	8.5	59.5	6	53.1	80.6	6.9	87.4	102.7	73.8
Chernihivska	5.4	17.8	18.3	50.2	7.1	60.5	3	48.1	82.5	4.1	98.6	116.9	83.3
Kyiv city	8.5	16.2	24.0	30.7	17.8	49.0	39	57.2	91.1	27.5	93.0	109.6	78.8
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		9195	4453	4742
Incidence (crude rate)		25.6	26.7	24.7
Incidence (age-standardized, world standard)		13.6	17.2	11.4
Incidence (age-standardized, Ukrainian standard)		23.2	30.2	19.3
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-0.3% ~~	0.5% ~~	-1.6% ~~
Mortality: number of new cases*		4713	2331	2382
Mortality (crude rate)		13.1	14.0	12.4
Mortality (age-standardized, world standard)		6.6	8.8	5.3
Mortality (age-standardized, Ukrainian standard)		11.7	16.0	9.3
Lived less than 1 year since the diagnosis in 2018, %		32.1	33.0	31.2
From among the newly diagnosed – diagnosed post mortem, %		1.9	1.8	2.1
Microscopically verified diagnoses, %		81.9	81.3	82.4
Diagnoses verified with histology, %		79.5	78.8	80.2
Unspecified morphology, %		5.6	5.6	5.6
Patients diagnosed during the preventive medical examinations, %		7.8	7.9	7.6
Newly diagnosed patients received the anti-cancer treatment, %		68.0	67.3	68.7
- surgical treatment only, %		38.2	37.0	39.3
- treatment combined or complex, %		23.5	23.7	23.3
Incidence of children population (age 0-17 years):	cases*	2	2	-
	rate per 100 000 of children population	0.0	0.1	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>25.6</b>	<b>26.7</b>	<b>24.7</b>	<b>13.6</b>	<b>17.2</b>	<b>11.4</b>	<b>23.2</b>	<b>30.2</b>	<b>19.3</b>	<b>13.1</b>	<b>14.0</b>	<b>12.4</b>	<b>6.6</b>	<b>8.8</b>	<b>5.3</b>	<b>11.7</b>	<b>16.0</b>	<b>9.3</b>
AR Krym																		
Vinnitska	24.5	28.5	21.0	13.3	18.2	10.0	21.7	30.5	16.3	11.1	13.4	9.1	5.3	7.6	3.9	9.1	13.9	6.6
Volynska	16.1	19.2	13.4	10.2	14.6	7.5	16.6	24.6	11.9	9.2	11.9	6.8	5.9	9.3	3.6	10.0	16.0	6.1
Dnipropetrovska	31.0	31.3	30.9	15.7	19.6	13.5	27.1	35.0	23.0	17.2	17.8	16.7	8.2	11.1	6.7	14.7	20.6	11.8
Donetska																		
Zhytomyrska	19.2	23.2	15.8	10.5	15.3	7.6	17.5	26.7	12.3	9.1	9.4	8.8	4.6	6.1	3.9	8.6	11.8	7.1
Zakarpatska	17.6	19.2	16.1	11.8	14.8	9.8	19.5	25.8	15.7	9.7	9.8	9.7	6.6	7.5	6.3	11.0	13.7	9.8
Zaporizka	30.7	27.6	33.3	14.4	16.0	13.6	24.9	28.5	23.2	17.1	16.3	17.7	7.6	9.4	6.6	13.8	17.2	12.1
Ivano-Frankivska	18.8	18.5	19.2	11.1	12.9	9.9	18.3	21.2	16.4	10.5	10.0	10.9	6.1	7.3	5.5	10.5	12.9	9.1
Kyivska	25.5	26.9	24.4	13.7	17.4	11.4	22.9	29.6	19.0	12.9	13.8	12.1	6.6	9.0	5.3	11.9	16.3	9.5
Kirovohradska	27.7	31.8	24.2	14.0	19.6	10.4	23.8	33.5	17.8	12.3	13.5	11.3	5.5	7.6	4.4	10.2	14.1	8.0
Luhanska																		
Lvivska	22.9	24.2	21.8	12.5	16.1	10.4	21.9	29.3	17.8	9.9	9.7	10.1	5.1	6.2	4.5	9.0	11.2	7.9
Mykolaiivska	26.4	24.8	27.8	13.6	15.6	12.5	23.4	27.4	21.1	11.5	12.5	10.6	6.2	8.3	5.2	10.8	15.6	8.3
Odessa	24.5	24.9	24.2	13.6	16.7	11.6	23.4	28.9	20.0	9.9	11.0	8.9	5.3	7.2	3.9	9.1	12.5	6.8
Poltavska	25.6	28.2	23.4	12.9	17.5	10.1	22.1	31.1	17.2	15.2	16.8	13.7	6.9	10.0	5.1	12.4	18.1	9.1
Rivnenska	17.7	17.4	17.9	11.2	13.6	9.8	19.4	24.5	16.6	9.7	11.1	8.5	5.9	8.7	3.9	10.6	15.4	7.2
Sumska	25.7	27.6	24.2	13.0	16.5	11.0	23.1	30.6	19.0	12.9	13.6	12.4	5.8	7.7	4.6	10.2	13.7	8.3
Teropil'ska	18.4	21.0	16.1	10.0	13.6	7.8	16.9	23.4	13.1	10.8	12.8	9.0	5.5	8.2	3.9	9.5	14.4	6.8
Kharkivska	32.4	33.6	31.4	16.2	21.0	13.4	28.3	37.3	23.3	17.9	18.9	17.1	8.6	11.4	7.0	15.6	21.1	12.7
Khersonska	25.5	26.8	24.4	13.4	17.2	10.8	23.0	29.4	18.9	12.7	13.0	12.5	6.3	8.0	5.4	11.0	14.7	9.2
Khmelnytska	24.4	23.7	25.0	12.1	14.4	10.9	20.8	25.6	18.5	12.6	13.2	12.0	5.8	8.0	4.7	10.5	14.7	8.3
Cherkaska	27.0	29.2	25.1	13.0	16.6	10.6	21.5	27.7	17.5	17.4	20.6	14.7	7.5	11.0	5.4	13.5	20.1	9.7
Chernivetska	17.8	18.8	16.9	10.3	12.9	8.7	17.9	23.3	14.8	12.2	14.3	10.3	6.3	9.5	4.2	11.2	17.2	7.6
Chernihivska	26.0	28.5	23.9	12.5	16.4	10.3	21.1	28.8	16.9	12.5	13.1	12.0	5.7	7.2	4.8	9.7	12.7	8.2
Kyiv city	34.3	35.3	33.4	18.6	22.7	16.0	32.5	40.6	27.5	15.8	16.4	15.3	8.1	10.2	6.7	15.1	19.2	12.7
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>23.9</b>	<b>24.9</b>	<b>23.1</b>				<b>12.4</b>	<b>13.5</b>	<b>11.5</b>
AR Krym												
Vinnitska	350	177	173	22.5	24.6	20.7	166	89	77	10.7	12.4	9.2
Volynska	161	89	72	15.6	18.3	13.2	80	45	35	7.8	9.2	6.4
Dnipropetrovska	850	377	473	26.5	25.8	27.2	493	219	274	15.4	15.0	15.7
Donetska	392	180	212				227	103	124			
Zhytomyrska	210	92	118	17.2	16.2	18.1	115	66	49	9.4	11.6	7.5
Zakarpatska	225	117	108	17.9	19.4	16.6	111	58	53	8.9	9.6	8.1
Zaporizka	404	173	231	23.7	22.2	24.9	232	116	116	13.6	14.9	12.5
Ivano-Frankivska	232	105	127	16.9	16.2	17.6	125	66	59	9.1	10.2	8.2
Kyivska	413	211	202	23.4	26.1	21.2	191	109	82	10.8	13.5	8.6
Kirovohradska	249	119	130	26.5	27.5	25.7	132	68	64	14.1	15.7	12.6
Luhanska	171	71	100				80	37	43			
Lvivska	606	329	277	24.2	27.7	21.0	257	131	126	10.3	11.0	9.6
Mykolaivska	275	158	117	24.3	30.2	19.3	116	64	52	10.3	12.2	8.6
Odessa	550	254	296	23.2	22.8	23.6	232	106	126	9.8	9.5	10.1
Poltavska	354	168	186	25.4	26.2	24.8	191	84	107	13.7	13.1	14.3
Rivnenska	205	97	108	17.7	17.7	17.8	97	43	54	8.4	7.8	8.9
Sumska	249	110	139	23.1	22.2	23.8	129	66	63	12.0	13.3	10.8
Ternopilska	244	124	120	23.4	25.4	21.6	133	78	55	12.8	16.0	9.9
Kharkivska	810	403	407	30.5	32.7	28.5	489	249	240	18.4	20.2	16.8
Khersonska	255	116	139	24.6	24.1	25.0	127	71	56	12.3	14.8	10.1
Khmelnyska	297	136	161	23.5	23.2	23.8	155	76	79	12.3	13.0	11.7
Cherkaska	311	148	163	25.9	26.8	25.1	196	104	92	16.3	18.8	14.2
Chernivetska	161	74	87	17.9	17.4	18.3	78	39	39	8.7	9.2	8.2
Chernihivska	246	125	121	24.7	27.6	22.3	140	79	61	14.0	17.4	11.2
Kyiv city	877	426	451	30.1	31.7	28.8	438	207	231	15.1	15.4	14.8
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>6.3</b>	<b>38.3</b>	<b>24.4</b>	<b>23.4</b>	<b>7.0</b>	<b>32.1</b>		<b>69.8</b>	<b>81.2</b>	<b>7.8</b>	<b>149.2</b>	<b>141.6</b>	<b>155.9</b>
AR Krym													
Vinnitska	9.4	44.8	22.6	22.3	0.0	31.1	1	64.5	72.0	2.9	135.6	133.8	137.1
Volynska	1.4	51.7	15.4	28.0	1.4	30.3	6	77.6	85.1	0.7	105.6	99.1	111.4
Dnipropetrovska	4.0	43.9	28.6	20.4	2.3	36.2	4	60.7	84.4	1.4	146.0	131.3	158.3
Donetska	6.0	39.0	26.5	23.4	4.6			63.0	72.7	6.0			
Zhytomyrska	10.2	37.2	20.9	29.6	1.5	22.8	1	82.1	93.8	14.8	118.9	115.7	121.8
Zakarpatska	8.6	38.6	25.9	25.9	1.0	31.3	7	76.6	90.2	0.0	101.0	103.8	98.3
Zaporizka	5.0	41.4	24.6	23.5	5.2	33.3	6	70.4	79.2	3.9	165.9	150.2	179.2
Ivano-Frankivska	5.7	42.0	17.0	33.5	1.4	33.1	1	77.4	89.7	1.9	107.4	105.3	109.3
Kyivska	6.3	36.3	28.7	28.2	0.3	31.0	2	78.9	84.7	2.9	161.3	155.7	166.1
Kirovohradska	6.6	50.7	20.4	22.3	0.0	33.1	3	65.9	63.9	1.4	151.8	139.3	162.6
Luhanska	6.9	36.1	18.8	30.6	7.6			72.9	80.7	5.6			
Lvivska	7.4	39.1	26.3	17.2	8.5	25.7	3	71.0	81.8	0.2	151.3	150.8	151.8
Mykolaivska	7.8	43.6	23.9	23.5	1.2	30.0	9	71.6	74.2	8.6	171.6	153.9	186.9
Odessa	5.6	30.3	14.3	29.5	20.1	21.5	8	75.3	71.5	1.0	177.4	168.0	185.7
Poltavska	6.5	40.4	22.2	28.4	1.9	33.3	5	68.2	76.3	5.9	160.0	149.3	169.2
Rivnenska	7.9	40.5	23.7	15.3	11.6	25.9	0	65.8	73.7	20.5	102.6	102.1	103.0
Sumska	12.1	49.6	16.5	14.7	6.7	26.8	0	67.9	81.5	6.3	150.1	143.6	155.7
Ternopilska	2.7	43.1	19.1	31.1	2.7	30.3	5	75.1	83.6	15.6	115.0	122.2	108.7
Kharkivska	6.6	18.8	30.4	18.4	25.2	44.5	9	55.3	81.1	3.1	168.0	154.0	180.1
Khersonska	4.0	46.2	20.4	26.2	2.7	30.3	5	69.8	83.9	8.0	156.3	146.6	164.8
Khmelnyska	4.9	47.6	30.1	16.1	0.3	33.7	3	72.4	74.4	3.8	126.4	121.9	130.4
Cherkaska	6.2	38.8	25.6	25.2	4.3	31.6	17	67.4	85.5	12.4	173.0	166.2	178.8
Chernivetska	6.9	35.2	24.8	29.7	2.8	39.1	10	73.8	67.7	2.8	123.7	115.4	131.1
Chernihivska	8.9	32.0	24.9	27.6	6.7	31.3	6	78.7	85.4	5.3	148.3	141.3	154.2
Kyiv city	5.9	33.4	27.8	21.2	10.5	31.9	51	77.2	93.4	39.9	191.2	182.4	198.8
Sevastopol city													

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

<b>Table 1 - General rates, 2018</b>		♂	♀	♂
Incidence: number of new cases*		7480	4060	3420
Incidence (crude rate)		20.9	24.4	17.8
Incidence (age-standardized, world standard)		11.4	15.8	8.8
Incidence (age-standardized, Ukrainian standard)		19.0	27.3	14.2
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-2.3% ~~	0.0% ~~	-4.6% ~~
Mortality: number of new cases*		4196	2337	1859
Mortality (crude rate)		11.7	14.0	9.7
Mortality (age-standardized, world standard)		5.9	8.8	4.3
Mortality (age-standardized, Ukrainian standard)		10.4	16.1	7.3
Lived less than 1 year since the diagnosis in 2018, %		25.4	26.8	23.7
From among the newly diagnosed – diagnosed post mortem, %		0.8	0.8	0.8
Microscopically verified diagnoses, %		89.5	89.4	89.5
Diagnoses verified with histology, %		85.8	85.5	86.1
Unspecified morphology, %		4.0	3.9	4.2
Patients diagnosed during the preventive medical examinations, %		16.5	16.1	17.0
Newly diagnosed patients received the anti-cancer treatment, %		74.0	73.8	74.2
- surgical treatment only, %		21.2	19.5	23.3
- treatment combined or complex, %		33.2	33.3	33.0
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-

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

<b>Table 2 - Incidence and mortality, 2018</b>	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>20.9</b>	<b>24.4</b>	<b>17.8</b>	<b>11.4</b>	<b>15.8</b>	<b>8.8</b>	<b>19.0</b>	<b>27.3</b>	<b>14.2</b>	<b>11.7</b>	<b>14.0</b>	<b>9.7</b>	<b>5.9</b>	<b>8.8</b>	<b>4.3</b>	<b>10.4</b>	<b>16.1</b>	<b>7.3</b>
AR Krym																		
Vinnitska	23.4	28.9	18.6	12.5	18.2	9.0	20.8	31.0	14.6	13.1	16.7	10.1	6.2	9.5	4.4	11.1	17.8	7.5
Volynska	16.3	20.9	12.3	10.4	16.0	6.9	17.0	27.5	10.8	10.7	14.1	7.7	6.4	10.6	3.7	11.0	19.0	6.3
Dnipropetrovska	22.2	25.4	19.6	11.9	16.3	9.5	19.7	27.9	15.2	13.8	15.3	12.6	6.8	9.5	5.2	11.8	17.2	9.0
Donetska																		
Zhytomyrska	17.9	22.0	14.3	10.0	14.2	7.8	15.9	24.2	11.6	11.4	14.3	8.8	5.9	9.3	4.1	10.3	17.4	6.6
Zakarpatska	14.8	17.6	12.3	9.9	13.7	7.4	16.3	23.6	11.6	8.4	9.6	7.4	5.6	7.6	4.1	9.5	12.9	7.1
Zaporizka	23.4	24.9	22.1	11.9	15.0	10.1	19.8	25.2	16.9	13.8	16.4	11.5	6.2	9.5	4.5	11.2	17.9	7.8
Ivano-Frankivska	17.2	21.1	13.7	10.4	14.8	7.6	16.8	25.3	11.7	9.9	12.5	7.6	5.8	8.6	3.9	9.8	14.8	6.7
Kyivska	20.8	25.4	16.9	11.7	16.9	8.4	18.7	28.4	13.1	10.5	12.7	8.7	5.4	8.5	3.5	9.7	15.5	6.3
Kirovohradska	27.8	29.3	26.5	14.6	18.2	12.3	23.7	30.1	19.7	14.6	18.5	11.3	6.9	10.9	4.3	12.0	19.1	7.6
Luhanska																		
Lvivska	19.8	25.5	14.8	11.5	17.1	7.9	19.1	29.9	12.5	9.0	10.6	7.6	4.9	6.9	3.6	8.6	12.5	6.3
Mykolaiivska	19.0	20.8	17.5	10.0	13.3	8.1	17.0	23.3	13.6	8.0	10.2	6.0	4.2	6.4	2.6	7.0	10.4	4.7
Odesska	17.5	21.1	14.4	10.1	14.2	7.4	16.5	23.6	11.9	9.0	9.9	8.2	4.7	6.4	3.7	8.3	11.4	6.5
Poltavska	24.9	28.9	21.5	12.8	17.4	10.0	21.3	29.9	16.3	14.7	16.7	13.1	6.7	9.3	5.4	12.2	17.6	9.4
Rivnenska	18.2	20.3	16.3	11.8	15.9	9.5	19.4	27.1	15.2	10.4	11.6	9.2	6.3	8.6	5.1	10.9	16.3	8.3
Sumska	25.1	28.4	22.3	12.7	16.7	10.4	20.8	28.2	16.4	13.8	16.6	11.5	6.3	9.2	4.8	11.0	17.3	7.8
Teropil'ska	17.4	18.8	16.1	9.4	12.1	7.9	16.0	21.9	12.8	10.5	14.3	7.2	5.3	9.1	3.1	9.5	16.5	5.7
Kharkivska	19.9	24.5	15.9	10.4	15.5	7.3	17.5	26.8	12.1	12.8	15.4	10.6	6.4	9.7	4.5	11.1	17.2	7.6
Khersonska	20.8	23.5	18.4	11.1	14.8	8.7	18.2	24.6	14.4	12.2	14.2	10.4	6.3	9.4	4.4	10.8	16.9	7.5
Khmelnytska	22.3	28.8	16.6	11.4	17.3	7.7	19.1	29.8	12.8	15.6	19.2	12.5	7.7	11.5	5.6	13.3	21.0	9.1
Cherkaska	24.3	26.1	22.8	12.5	15.4	11.0	20.4	26.5	17.1	15.6	21.0	11.1	7.2	11.5	4.8	12.5	21.2	7.8
Chernivetska	15.7	19.0	12.8	9.6	13.8	7.0	16.5	24.9	11.5	10.1	12.9	7.5	5.4	8.5	3.7	9.9	16.6	6.3
Chernihivska	26.0	30.7	22.1	12.0	17.7	8.7	21.5	33.1	15.3	13.5	17.0	10.7	6.1	9.4	4.2	10.5	17.6	6.8
Kyiv city	23.2	25.3	21.4	12.8	16.6	10.6	22.2	29.6	17.7	9.9	11.3	8.7	5.0	6.9	3.9	9.3	13.1	7.1
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>19.6</b>	<b>22.9</b>	<b>16.8</b>				<b>10.7</b>	<b>12.9</b>	<b>8.7</b>
AR Krym												
Vinnyska	340	188	152	21.9	26.2	18.2	177	106	71	11.4	14.7	8.5
Volynska	172	91	81	16.7	18.7	14.9	121	69	52	11.7	14.2	9.5
Dnipropetrovska	702	377	325	21.9	25.8	18.7	403	213	190	12.6	14.6	10.9
Donetska	292	160	132				168	91	77			
Zhytomyrska	203	101	102	16.6	17.8	15.6	107	59	48	8.8	10.4	7.4
Zakarpatska	188	102	86	15.0	16.9	13.2	105	65	40	8.4	10.8	6.2
Zaporizka	312	169	143	18.3	21.7	15.4	210	110	100	12.3	14.1	10.8
Ivano-Frankivska	213	124	89	15.5	19.1	12.3	104	60	44	7.6	9.3	6.1
Kyivska	292	159	133	16.6	19.7	14.0	152	95	57	8.6	11.7	6.0
Kirovohradska	242	134	108	25.8	31.0	21.3	143	71	72	15.2	16.4	14.2
Luhanska	136	68	68				79	43	36			
Lvivska	455	260	195	18.2	21.9	14.8	202	118	84	8.1	9.9	6.4
Mykolaivska	206	98	108	18.2	18.7	17.8	96	57	39	8.5	10.9	6.4
Odessa	404	212	192	17.1	19.0	15.3	166	83	83	7.0	7.4	6.6
Poltavska	330	173	157	23.7	26.9	20.9	179	90	89	12.9	14.0	11.9
Rivnenska	191	100	91	16.5	18.2	15.0	119	64	55	10.3	11.7	9.1
Sumska	264	142	122	24.5	28.7	20.9	144	85	59	13.3	17.2	10.1
Ternopil'ska	188	107	81	18.0	21.9	14.6	102	64	38	9.8	13.1	6.9
Kharkivska	524	291	233	19.7	23.6	16.3	342	202	140	12.9	16.4	9.8
Khersonska	218	113	105	21.0	23.5	18.9	119	64	55	11.5	13.3	9.9
Khmelnyska	263	129	134	20.9	22.0	19.8	138	80	58	10.9	13.7	8.6
Cherkaska	269	147	122	22.4	26.6	18.8	149	85	64	12.4	15.4	9.8
Chernivetska	140	96	44	15.5	22.6	9.2	84	54	30	9.3	12.7	6.3
Chernihivska	258	156	102	25.9	34.4	18.8	116	62	54	11.6	13.7	9.9
Kyiv city	632	324	308	21.7	24.1	19.7	326	180	146	11.2	13.4	9.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>11.0</b>	<b>40.1</b>	<b>23.7</b>	<b>19.7</b>	<b>5.1</b>	<b>25.4</b>		<b>72.1</b>	<b>88.2</b>	<b>16.5</b>	<b>127.3</b>	<b>131.0</b>	<b>124.0</b>
AR Krym													
Vinnyska	19.7	45.3	16.2	18.4	0.0	28.8	1	68.0	83.5	11.0	128.1	138.4	119.3
Volynska	8.9	51.0	15.3	22.9	1.9	31.8	4	79.6	91.3	4.5	104.3	102.4	106.0
Dnipropetrovska	9.6	42.6	24.0	20.6	2.9	28.4	1	61.0	87.3	5.3	129.0	128.5	129.4
Donetska	11.2	40.3	27.1	17.4	3.9			64.7	78.8	15.9			
Zhytomyrska	10.2	41.9	29.0	17.7	1.1	24.5	0	77.4	99.5	25.8	111.6	110.4	112.7
Zakarpatska	8.7	21.5	39.5	27.9	2.3	32.6	3	74.4	92.0	1.2	83.6	88.1	79.4
Zaporizka	7.3	47.2	22.0	19.9	2.8	23.6	1	71.3	86.9	11.2	130.3	131.9	128.9
Ivano-Frankivska	13.9	51.7	16.4	15.4	1.5	25.2	1	78.6	96.2	7.0	87.4	96.1	79.6
Kyivska	9.2	36.5	32.8	20.3	0.0	21.1	0	75.3	85.6	6.3	136.9	144.8	130.1
Kirovohradska	14.6	51.1	21.0	12.3	0.5	23.0	2	65.3	78.9	9.6	161.6	167.4	156.7
Luhanska	10.5	35.1	21.1	29.8	2.6			66.7	91.9	13.2			
Lvivska	13.3	40.9	25.3	15.6	4.4	18.8	1	79.5	91.6	19.3	126.1	135.8	117.2
Mykolaivska	10.1	43.4	27.5	18.0	1.1	24.6	3	72.5	80.6	25.4	128.5	128.1	128.8
Odessa	8.8	33.2	16.9	19.3	21.4	20.4	2	79.6	81.9	1.6	130.6	138.0	124.0
Poltavska	12.0	40.9	21.3	24.6	1.0	28.3	0	69.8	86.7	17.6	157.4	157.1	157.7
Rivnenska	9.9	34.8	30.9	18.2	6.1	27.4	0	70.2	86.4	23.8	100.8	103.0	98.7
Sumska	18.5	53.0	12.4	12.4	3.2	18.9	0	78.3	91.3	32.9	146.1	147.0	145.4
Ternopil'ska	4.0	48.9	19.0	27.0	1.1	22.9	2	79.9	92.6	22.4	118.3	124.4	112.8
Kharkivska	11.1	17.9	29.6	19.8	20.9	29.9	2	57.8	88.9	22.6	124.2	122.3	125.8
Khersonska	4.1	48.2	13.8	28.7	4.1	28.1	1	68.7	90.4	6.2	133.5	128.5	137.8
Khmelnyska	17.1	45.5	24.8	11.4	0.4	26.0	2	72.4	80.2	17.9	127.2	134.9	120.6
Cherkaska	6.6	46.3	27.5	17.2	2.5	26.5	8	82.8	93.3	17.6	148.8	158.6	140.4
Chernivetska	5.4	44.2	19.4	25.6	4.7	25.2	1	81.4	89.3	6.2	101.1	117.5	86.4
Chernihivska	19.5	27.0	24.9	24.5	4.1	32.4	4	79.7	88.8	17.0	154.9	162.5	148.6
Kyiv city	7.9	37.8	26.4	20.4	6.9	22.9	15	75.0	94.9	46.4	139.0	140.9	137.3
Sevastopol city													

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		1453	866	587
Incidence (crude rate)		4.1	5.2	3.1
Incidence (age-standardized, world standard)		2.3	3.5	1.5
Incidence (age-standardized, Ukrainian standard)		3.6	5.6	2.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-0.8% ~~	0.5% ~~	-2.0% ~~
Mortality: number of new cases*		1063	656	407
Mortality (crude rate)		3.0	3.9	2.1
Mortality (age-standardized, world standard)		1.7	2.6	1.0
Mortality (age-standardized, Ukrainian standard)		2.7	4.2	1.7
Lived less than 1 year since the diagnosis in 2018, %		69.0	70.7	66.5
From among the newly diagnosed – diagnosed post mortem, %		7.8	8.3	7.1
Microscopically verified diagnoses, %		49.8	51.4	47.5
Diagnoses verified with histology, %		44.5	45.8	42.4
Unspecified morphology, %		15.2	14.6	16.1
Patients diagnosed during the preventive medical examinations, %		2.2	2.1	2.4
Newly diagnosed patients received the anti-cancer treatment, %		18.0	18.1	17.9
- surgical treatment only, %		4.9	5.3	4.2
- treatment combined or complex, %		2.0	1.9	2.1
Incidence of children population (age 0-17 years):	cases*	15	10	5
	rate per 100 000 of children population	0.2	0.3	0.2
Mortality of children population (age 0-17 years):	cases*	5	4	1
	rate per 100 000 of children population	0.1	0.1	0.0

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

Table 2 - Incidence and mortality, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>4.1</b>	<b>5.2</b>	<b>3.1</b>	<b>2.3</b>	<b>3.5</b>	<b>1.5</b>	<b>3.6</b>	<b>5.6</b>	<b>2.4</b>	<b>3.0</b>	<b>3.9</b>	<b>2.1</b>	<b>1.7</b>	<b>2.6</b>	<b>1.0</b>	<b>2.7</b>	<b>4.2</b>	<b>1.7</b>
AR Krym																		
Vinnitska	4.0	5.2	2.9	2.1	3.4	1.2	3.5	5.5	2.0	2.3	2.8	1.9	1.3	1.9	0.9	2.0	2.9	1.4
Volynska	2.3	2.3	2.4	1.5	1.8	1.3	2.6	3.6	2.1	1.8	1.8	1.8	1.2	1.4	1.0	1.9	2.2	1.7
Dnipropetrovska	6.2	8.4	4.3	3.4	5.5	2.0	5.3	8.6	3.3	4.7	6.4	3.4	2.5	4.1	1.5	4.1	6.7	2.5
Donetska																		
Zhytomyrska	2.4	3.5	1.5	1.4	2.5	0.8	2.4	4.1	1.3	2.1	2.6	1.7	1.3	1.9	0.9	2.1	3.3	1.4
Zakarpatska	3.3	5.1	1.5	2.3	4.0	0.9	3.5	6.2	1.4	2.7	4.0	1.5	1.9	3.1	0.9	2.8	4.9	1.4
Zaporizka	5.1	5.7	4.5	2.5	3.5	1.9	4.2	6.0	3.1	4.2	5.0	3.6	1.9	2.8	1.5	3.3	5.0	2.4
Ivano-Frankivska	1.8	2.6	1.1	1.4	2.1	0.8	1.8	2.9	1.0	1.0	1.5	0.6	0.7	1.1	0.3	1.1	1.9	0.6
Kyivska	3.1	3.5	2.8	1.8	2.4	1.4	2.8	3.6	2.3	1.8	2.7	1.0	1.0	1.9	0.4	1.7	2.8	0.8
Kirovohradska	4.1	3.9	4.3	2.1	2.4	1.9	3.6	3.9	3.4	3.9	4.1	3.7	2.0	2.4	1.7	3.4	3.7	3.0
Luhanska																		
Lvivska	3.3	4.5	2.1	1.9	3.0	1.1	3.1	4.9	1.9	2.0	2.7	1.3	1.1	1.8	0.7	1.8	3.0	1.1
Mykolaiivska	4.5	5.9	3.3	2.6	3.9	1.7	3.7	5.4	2.5	3.3	4.9	2.0	1.7	3.0	0.7	2.7	4.6	1.4
Odessa	4.3	5.4	3.3	2.6	4.0	1.7	3.8	5.7	2.6	2.4	3.1	1.7	1.5	2.3	0.9	2.2	3.3	1.3
Poltavska	3.8	4.5	3.3	2.1	2.9	1.5	3.3	4.7	2.4	3.1	4.2	2.1	1.6	2.7	0.9	2.8	4.9	1.5
Rivnenska	2.7	2.9	2.5	1.9	2.5	1.4	2.9	3.5	2.3	1.8	2.2	1.5	1.3	1.8	0.9	2.0	2.7	1.5
Sumska	4.0	4.0	4.1	1.9	2.4	1.6	3.3	4.1	2.8	2.2	2.8	1.7	1.1	1.7	0.8	1.8	2.8	1.3
Terнопil'ska	4.0	5.3	2.9	2.3	3.5	1.4	4.0	6.1	2.6	2.7	4.3	1.3	1.6	2.8	0.7	2.6	4.4	1.2
Kharkivska	6.0	7.7	4.5	3.3	5.3	2.0	5.4	8.7	3.4	4.8	6.7	3.1	2.7	4.6	1.4	4.5	7.6	2.5
Khersonska	4.7	5.6	3.9	2.7	3.7	1.9	4.2	5.8	3.2	3.4	4.3	2.7	2.1	3.0	1.4	3.2	4.4	2.2
Khmelnytska	3.2	3.9	2.5	1.8	2.9	0.9	2.5	3.7	1.6	2.1	2.9	1.5	1.3	2.1	0.6	1.8	2.8	1.1
Cherkaska	4.4	6.3	2.7	2.4	3.8	1.5	3.5	6.0	1.9	4.4	5.4	3.5	2.5	3.6	1.7	3.5	5.2	2.3
Chernivetska	2.9	3.3	2.5	1.9	2.4	1.4	3.0	3.4	2.5	1.9	2.8	1.1	1.2	2.0	0.6	2.0	3.4	1.1
Chernihivska	3.3	4.4	2.4	2.0	2.7	1.6	2.7	4.0	1.7	2.0	3.1	1.1	1.1	1.8	0.5	1.5	2.5	0.7
Kyiv city	4.3	6.3	2.6	2.4	4.1	1.3	4.0	6.9	2.1	3.5	4.6	2.5	2.0	3.0	1.3	3.3	5.1	2.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>4.1</b>	<b>5.2</b>	<b>3.1</b>				<b>3.3</b>	<b>4.2</b>	<b>2.4</b>
AR Krym												
Vinnyska	60	39	21	3.9	5.4	2.5	52	33	19	3.4	4.6	2.3
Volynska	31	16	15	3.0	3.3	2.8	25	12	13	2.4	2.5	2.4
Dnipropetrovska	175	114	61	5.5	7.8	3.5	148	95	53	4.6	6.5	3.1
Donetska	72	38	34				49	31	18			
Zhytomyrska	27	16	11	2.2	2.8	1.7	21	10	11	1.7	1.8	1.7
Zakarpatska	51	28	23	4.1	4.6	3.5	40	24	16	3.2	4.0	2.5
Zaporizka	56	30	26	3.3	3.9	2.8	63	30	33	3.7	3.9	3.6
Ivano-Frankivska	36	24	12	2.6	3.7	1.7	29	22	7	2.1	3.4	1.0
Kyivska	40	22	18	2.3	2.7	1.9	33	18	15	1.9	2.2	1.6
Kirovohradska	51	28	23	5.4	6.5	4.5	43	28	15	4.6	6.5	3.0
Luhanska	22	14	8				22	13	9			
Lvivska	92	48	44	3.7	4.0	3.3	63	39	24	2.5	3.3	1.8
Mykolaivska	57	31	26	5.0	5.9	4.3	35	22	13	3.1	4.2	2.1
Odessa	73	50	23	3.1	4.5	1.8	52	30	22	2.2	2.7	1.8
Poltavska	58	30	28	4.2	4.7	3.7	41	21	20	2.9	3.3	2.7
Rivnenska	19	8	11	1.6	1.5	1.8	13	4	9	1.1	0.7	1.5
Sumska	36	24	12	3.3	4.9	2.1	29	17	12	2.7	3.4	2.1
Ternopil'ska	41	26	15	3.9	5.3	2.7	38	24	14	3.6	4.9	2.5
Kharkivska	188	99	89	7.1	8.0	6.2	124	72	52	4.7	5.8	3.6
Khersonska	60	41	19	5.8	8.5	3.4	44	29	15	4.3	6.0	2.7
Khmelnyska	43	25	18	3.4	4.3	2.7	35	24	11	2.8	4.1	1.6
Cherkaska	41	23	18	3.4	4.2	2.8	48	30	18	4.0	5.4	2.8
Chernivetska	29	17	12	3.2	4.0	2.5	23	12	11	2.6	2.8	2.3
Chernihivska	32	25	7	3.2	5.5	1.3	25	20	5	2.5	4.4	0.9
Kyiv city	165	96	69	5.7	7.1	4.4	137	88	49	4.7	6.5	3.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>1.2</b>	<b>8.0</b>	<b>31.9</b>	<b>35.9</b>	<b>21.3</b>	<b>69.0</b>		<b>18.0</b>	<b>48.7</b>	<b>2.0</b>	<b>6.3</b>	<b>7.0</b>	<b>5.8</b>
AR Krym													
Vinnyska	1.8	14.3	30.4	53.6	0.0	72.9	0	5.4	20.0	0.0	4.6	5.8	3.6
Volynska	0.0	3.7	37.0	44.4	14.8	78.3	4	29.6	61.3	0.0	4.6	3.7	5.3
Dnipropetrovska	1.3	5.2	65.8	12.3	13.5	77.2	17	12.3	63.4	0.6	5.4	7.1	4.0
Donetska	0.0	2.9	52.9	29.4	11.8			22.1	30.6	7.4			
Zhytomyrska	3.8	7.7	38.5	42.3	3.8	70.0	0	38.5	88.9	3.8	3.9	5.3	2.8
Zakarpatska	0.0	9.8	31.7	41.5	17.1	73.2	9	12.2	56.9	0.0	3.7	4.2	3.2
Zaporizka	0.0	14.9	27.7	46.8	10.6	72.9	6	10.6	37.5	2.1	5.3	6.3	4.4
Ivano-Frankivska	0.0	3.2	29.0	51.6	12.9	64.0	0	22.6	58.3	0.0	2.7	2.6	2.8
Kyivska	5.7	11.4	40.0	42.9	0.0	70.9	1	31.4	50.0	0.0	6.0	5.6	6.3
Kirovohradska	0.0	15.8	44.7	31.6	7.9	78.4	4	26.3	58.8	0.0	4.2	3.2	4.9
Luhanska	0.0	0.0	38.5	38.5	23.1			30.8	77.3	7.7			
Lvivska	2.3	9.2	31.0	28.7	25.3	51.3	0	14.9	29.3	0.0	8.0	8.5	7.5
Mykolaivska	0.0	0.0	57.1	40.5	0.0	66.7	4	11.9	38.6	2.4	7.7	7.3	8.1
Odessa	1.4	2.9	20.0	58.6	15.7	47.5	2	20.0	37.0	1.4	10.6	12.5	9.0
Poltavska	3.6	14.3	21.4	58.9	1.8	88.7	4	16.1	36.2	1.8	5.2	5.1	5.2
Rivnenska	0.0	10.5	21.1	31.6	31.6	54.8	0	15.8	36.8	5.3	5.4	5.6	5.1
Sumska	0.0	36.4	9.1	12.1	42.4	55.8	1	15.2	30.6	9.1	7.8	8.7	7.0
Ternopil'ska	0.0	0.0	27.8	61.1	8.3	65.1	0	11.1	39.0	0.0	7.8	8.4	7.2
Kharkivska	2.9	10.5	15.2	29.8	39.8	69.3	7	18.1	47.9	1.2	10.0	9.8	10.1
Khersonska	0.0	5.6	16.7	68.5	7.4	75.6	5	20.4	33.3	5.6	4.8	6.4	3.4
Khmelnyska	0.0	8.3	61.1	25.0	2.8	59.0	3	25.0	30.2	0.0	6.2	6.3	6.1
Cherkaska	0.0	3.1	3.1	78.1	9.4	80.8	9	9.4	34.1	3.1	4.0	4.0	4.0
Chernivetska	0.0	4.3	47.8	26.1	21.7	72.0	2	39.1	51.7	8.7	7.8	9.0	6.7
Chernihivska	0.0	0.0	10.7	75.0	14.3	78.1	2	17.9	56.3	3.6	3.8	4.0	3.7
Kyiv city	0.0	5.0	10.9	0.0	83.2	69.4	29	20.8	78.8	1.0	7.5	8.9	6.2
Sevastopol city													

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

<b>Table 1 - General rates, 2018</b>		👤👤	👤	👤
Incidence: number of new cases*		4476	2347	2129
Incidence (crude rate)		12.5	14.1	11.1
Incidence (age-standardized, world standard)		6.7	9.2	4.9
Incidence (age-standardized, Ukrainian standard)		11.2	15.3	8.5
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		1.6% ~~	1.6% ~~	1.0% ~~
Mortality: number of new cases*		3455	1900	1555
Mortality (crude rate)		9.6	11.4	8.1
Mortality (age-standardized, world standard)		5.1	7.5	3.5
Mortality (age-standardized, Ukrainian standard)		8.7	12.5	6.2
Lived less than 1 year since the diagnosis in 2018, %		71.4	73.3	69.1
From among the newly diagnosed – diagnosed post mortem, %		3.6	4.4	2.8
Microscopically verified diagnoses, %		36.8	36.9	36.7
Diagnoses verified with histology, %		32.7	32.8	32.6
Unspecified morphology, %		20.0	20.0	20.1
Patients diagnosed during the preventive medical examinations, %		2.5	2.9	2.1
Newly diagnosed patients received the anti-cancer treatment, %		26.5	27.1	25.9
- surgical treatment only, %		9.6	9.4	9.8
- treatment combined or complex, %		3.9	3.6	4.3
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-

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

<b>Table 2 - Incidence and mortality, 2018</b>	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>12.5</b>	<b>14.1</b>	<b>11.1</b>	<b>6.7</b>	<b>9.2</b>	<b>4.9</b>	<b>11.2</b>	<b>15.3</b>	<b>8.5</b>	<b>9.6</b>	<b>11.4</b>	<b>8.1</b>	<b>5.1</b>	<b>7.5</b>	<b>3.5</b>	<b>8.7</b>	<b>12.5</b>	<b>6.2</b>
AR Krym																		
Vinnitska	12.1	13.1	11.2	6.2	8.1	4.7	10.4	13.3	8.4	9.9	11.7	8.3	5.1	7.3	3.4	8.7	12.1	6.3
Volynska	8.8	10.4	7.3	5.4	7.8	3.7	9.0	13.0	6.4	8.7	12.1	5.7	5.7	9.5	2.8	9.3	15.3	4.9
Dnipropetrovska	14.4	15.7	13.3	7.3	10.0	5.4	12.2	16.5	9.4	12.0	13.6	10.6	5.9	8.5	4.1	10.0	14.3	7.3
Donetska																		
Zhytomyrska	8.9	10.7	7.4	5.2	7.3	3.5	8.4	11.6	6.1	7.0	9.1	5.2	4.0	6.1	2.7	6.5	10.3	4.2
Zakarpatska	8.8	9.9	7.7	6.0	7.8	4.3	9.7	12.2	7.6	7.9	9.6	6.3	5.5	7.5	3.8	8.8	11.5	6.6
Zaporizka	14.3	15.9	13.0	7.0	9.5	5.2	11.5	15.6	8.9	11.6	12.2	11.0	5.5	7.2	4.4	9.5	12.6	7.7
Ivano-Frankivska	10.9	12.8	9.3	6.4	8.7	4.6	10.3	13.9	7.8	7.4	8.3	6.6	4.3	6.0	3.0	7.3	9.8	5.4
Kyivska	13.2	15.4	11.3	7.2	10.1	5.2	12.2	17.4	9.1	9.3	11.9	7.1	5.2	8.0	3.4	8.8	13.6	5.8
Kirovohradska	13.5	16.0	11.3	7.1	10.1	5.3	11.4	16.6	8.3	10.1	11.9	8.6	5.0	7.4	3.3	8.4	11.8	5.9
Luhanska																		
Lvivska	13.5	15.3	11.8	7.4	10.3	5.3	12.6	17.5	9.3	8.8	11.0	6.7	5.0	7.6	3.1	8.4	12.6	5.4
Mykolaiivska	14.8	18.4	11.8	7.8	12.0	5.0	13.1	19.7	8.8	9.6	12.3	7.2	5.1	7.8	3.3	8.4	12.8	5.7
Odessa	9.3	10.0	8.6	5.2	6.9	4.0	8.6	11.4	6.7	5.7	6.4	5.2	3.2	4.3	2.5	5.3	7.1	4.1
Poltavska	14.8	15.4	14.3	7.4	9.6	5.7	12.6	15.9	10.3	11.7	11.0	12.3	5.5	6.6	4.7	9.5	11.5	8.2
Rivnenska	7.9	7.4	8.4	5.2	5.8	4.5	8.8	9.3	7.9	6.6	7.1	6.2	4.4	5.7	3.4	7.3	9.0	5.9
Sumska	10.2	12.6	8.1	4.9	7.0	3.3	8.0	11.0	5.8	8.2	10.8	5.9	4.1	6.3	2.5	6.7	10.6	4.3
Terнопil'ska	11.7	15.7	8.2	6.7	10.8	3.7	11.0	17.4	6.3	10.1	12.6	7.9	5.6	8.3	3.6	9.4	14.1	6.2
Kharkivska	15.4	16.4	14.5	7.8	10.6	5.9	13.3	17.7	10.3	11.3	14.0	8.9	5.9	9.1	3.7	9.7	14.8	6.3
Khersonska	11.2	13.6	9.1	6.1	8.8	4.3	9.9	14.1	7.3	9.0	11.8	6.6	4.8	7.7	2.9	8.2	13.0	5.2
Khmelnytska	12.9	14.9	11.2	6.8	9.5	4.9	11.3	15.6	8.3	10.8	14.2	7.8	5.5	9.0	3.2	9.4	15.4	5.6
Cherkaska	14.7	17.7	12.2	7.1	10.3	4.9	12.2	17.1	8.9	12.9	16.3	10.0	5.9	9.0	3.8	10.4	15.5	7.1
Chernivetska	11.2	13.2	9.4	6.4	9.1	4.5	10.6	15.4	7.5	9.6	11.5	8.0	5.5	8.3	3.3	9.2	13.8	5.9
Chernihivska	11.0	11.3	10.7	5.1	6.4	4.4	9.0	11.2	7.7	9.1	9.8	8.5	4.5	5.8	3.8	7.7	10.4	6.3
Kyiv city	14.1	15.6	12.9	7.5	10.3	5.6	13.2	17.7	10.3	10.7	11.6	9.9	5.7	7.7	4.3	10.1	13.2	7.9
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>11.8</b>	<b>13.5</b>	<b>10.4</b>				<b>9.2</b>	<b>10.8</b>	<b>7.9</b>
AR Krym												
Vinnyska	232	133	99	14.9	18.5	11.9	159	93	66	10.2	12.9	7.9
Volynska	103	56	47	10.0	11.5	8.6	75	39	36	7.3	8.0	6.6
Dnipropetrovska	434	210	224	13.6	14.4	12.9	342	166	176	10.7	11.4	10.1
Donetska	203	97	106				175	87	88			
Zhytomyrska	76	39	37	6.2	6.9	5.7	60	31	29	4.9	5.5	4.4
Zakarpatska	119	70	49	9.5	11.6	7.5	112	64	48	8.9	10.6	7.4
Zaporizka	212	108	104	12.4	13.9	11.2	203	103	100	11.9	13.2	10.8
Ivano-Frankivska	148	83	65	10.8	12.8	9.0	120	75	45	8.8	11.6	6.2
Kyivska	174	80	94	9.9	9.9	9.9	135	64	71	7.7	7.9	7.5
Kirovohradska	129	71	58	13.7	16.4	11.5	115	68	47	12.3	15.7	9.3
Luhanska	84	39	45				74	38	36			
Lvivska	317	171	146	12.7	14.4	11.1	225	127	98	9.0	10.7	7.4
Mykolaivska	151	81	70	13.4	15.5	11.5	113	72	41	10.0	13.8	6.8
Odessa	192	113	79	8.1	10.1	6.3	135	79	56	5.7	7.1	4.5
Poltavska	183	102	81	13.1	15.9	10.8	146	75	71	10.5	11.7	9.5
Rivnenska	86	54	32	7.4	9.8	5.3	69	38	31	6.0	6.9	5.1
Sumska	132	66	66	12.2	13.3	11.3	87	51	36	8.1	10.3	6.2
Ternopil'ska	98	53	45	9.4	10.9	8.1	81	47	34	7.8	9.6	6.1
Kharkivska	398	218	180	15.0	17.7	12.6	302	171	131	11.4	13.9	9.2
Khersonska	110	54	56	10.6	11.2	10.1	80	41	39	7.7	8.5	7.0
Khmelnyska	164	78	86	13.0	13.3	12.7	113	58	55	9.0	9.9	8.1
Cherkaska	175	105	70	14.6	19.0	10.8	162	96	66	13.5	17.4	10.2
Chernivetska	68	34	34	7.5	8.0	7.1	59	29	30	6.6	6.8	6.3
Chernihivska	135	71	64	13.5	15.7	11.8	107	59	48	10.7	13.0	8.8
Kyiv city	380	182	198	13.1	13.5	12.7	293	139	154	10.1	10.3	9.9
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>7.2</b>	<b>23.5</b>	<b>13.7</b>	<b>37.6</b>	<b>16.7</b>	<b>71.4</b>		<b>26.2</b>	<b>34.5</b>	<b>2.8</b>	<b>18.4</b>	<b>19.7</b>	<b>17.2</b>
AR Krym													
Vinnyska	7.8	29.5	14.7	47.9	0.0	72.6	3	15.7	23.3	2.3	15.8	17.1	14.7
Volynska	13.8	22.3	9.6	53.2	1.1	72.6	5	27.7	25.2	1.1	16.1	18.3	14.1
Dnipropetrovska	4.2	35.5	23.0	27.2	7.4	73.6	8	17.2	32.5	1.0	13.8	14.5	13.2
Donetska	9.2	24.7	16.7	40.2	8.0			27.6	27.1	8.6			
Zhytomyrska	4.1	24.3	5.4	59.5	5.4	67.9	3	35.1	48.7	10.8	11.7	12.2	11.3
Zakarpatska	4.8	24.8	15.2	52.4	2.9	82.4	20	16.2	37.0	0.0	11.6	12.3	10.9
Zaporizka	4.8	29.8	10.1	51.1	3.7	72.3	2	22.9	32.5	2.1	16.3	17.3	15.4
Ivano-Frankivska	4.5	26.5	8.3	56.1	1.5	64.6	1	22.7	25.0	0.0	14.4	15.3	13.6
Kyivska	8.8	26.3	11.9	50.6	0.0	62.8	3	38.8	39.1	0.6	24.5	27.1	22.3
Kirovohradska	13.6	26.2	9.7	49.5	1.0	73.1	6	39.8	43.4	2.9	11.6	12.2	11.1
Luhanska	4.8	12.7	14.3	46.0	22.2			36.5	59.5	0.0			
Lvivska	2.4	15.5	19.9	34.4	27.1	63.8	4	13.4	19.9	0.3	22.7	23.3	22.2
Mykolaivska	6.9	32.3	11.5	46.9	1.5	70.1	14	30.8	19.9	5.4	28.9	30.6	27.5
Odessa	2.9	13.1	15.4	45.1	21.1	56.8	6	29.1	25.5	0.0	23.2	24.8	21.7
Poltavska	14.2	24.9	7.7	49.7	3.0	74.7	2	30.2	28.4	4.1	19.7	21.3	18.3
Rivnenska	9.6	19.3	8.4	26.5	36.1	68.2	0	33.7	19.8	8.4	14.1	16.8	11.7
Sumska	25.6	25.6	6.2	21.7	18.6	65.0	0	31.8	31.1	5.4	20.2	20.8	19.7
Ternopil'ska	6.0	27.4	8.3	54.8	2.4	73.5	4	27.4	31.6	3.6	16.3	19.9	13.2
Kharkivska	10.8	12.5	8.8	21.0	45.0	77.8	11	22.9	39.7	2.3	23.8	24.7	22.9
Khersonska	6.3	18.9	15.8	51.6	5.3	81.3	5	40.0	40.9	2.1	9.3	10.8	7.9
Khmelnyska	4.1	34.5	31.8	27.7	1.4	72.7	2	31.8	28.0	2.7	17.8	19.0	16.7
Cherkaska	3.7	19.1	13.2	52.2	10.3	78.9	15	18.4	44.6	7.4	14.1	15.6	12.8
Chernivetska	7.9	22.2	9.5	36.5	22.2	73.2	7	49.2	32.4	3.2	18.6	21.2	16.4
Chernihivska	3.3	24.6	13.1	47.5	10.7	78.8	2	23.0	40.0	5.7	14.5	14.3	14.7
Kyiv city	5.0	15.1	9.7	0.0	68.5	71.0	28	34.6	60.5	1.7	23.9	25.9	22.2
Sevastopol city													

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		1862	1783	79
Incidence (crude rate)		5.2	10.7	0.4
Incidence (age-standardized, world standard)		3.1	7.2	0.2
Incidence (age-standardized, Ukrainian standard)		4.7	11.1	0.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-1.3% ~~	-0.6% ~~	-14.6% ~~
Mortality: number of new cases*		1039	998	41
Mortality (crude rate)		2.9	6.0	0.2
Mortality (age-standardized, world standard)		1.7	4.0	0.1
Mortality (age-standardized, Ukrainian standard)		2.7	6.5	0.2
Lived less than 1 year since the diagnosis in 2018, %		26.9	27.3	19.2
From among the newly diagnosed – diagnosed post mortem, %		1.0	0.9	1.4
Microscopically verified diagnoses, %		92.3	92.3	92.4
Diagnoses verified with histology, %		84.5	84.5	83.5
Unspecified morphology, %		3.0	2.9	5.5
Patients diagnosed during the preventive medical examinations, %		10.6	10.3	16.5
Newly diagnosed patients received the anti-cancer treatment, %		76.1	76.1	75.3
- surgical treatment only, %		11.3	11.0	16.4
- treatment combined or complex, %		30.0	30.4	20.5
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>5.2</b>	<b>10.7</b>	<b>0.4</b>	<b>3.1</b>	<b>7.2</b>	<b>0.2</b>	<b>4.7</b>	<b>11.1</b>	<b>0.4</b>	<b>2.9</b>	<b>6.0</b>	<b>0.2</b>	<b>1.7</b>	<b>4.0</b>	<b>0.1</b>	<b>2.7</b>	<b>6.5</b>	<b>0.2</b>
AR Krym																		
Vinnitska	5.0	10.6	0.2	3.0	6.9	0.1	4.6	10.8	0.3	2.9	5.9	0.4	1.6	3.6	0.2	2.6	6.2	0.3
Volynska	5.0	10.6	0.0	3.6	8.1	0.0	5.0	11.5	0.0	2.2	4.5	0.2	1.6	3.6	0.1	2.4	5.4	0.2
Dnipropetrovska	5.3	10.7	0.9	3.1	7.3	0.5	4.8	11.5	0.7	3.1	6.4	0.4	1.8	4.3	0.2	2.8	7.2	0.3
Donetska																		
Zhytomyrska	5.0	10.3	0.3	3.0	6.9	0.1	4.4	10.3	0.2	2.8	5.8	0.2	1.7	3.9	0.1	2.5	6.1	0.1
Zakarpatska	4.1	7.8	0.6	2.9	6.0	0.4	4.1	8.8	0.6	2.5	4.5	0.6	1.7	3.4	0.4	2.5	5.0	0.6
Zaporizka	5.9	12.6	0.2	3.3	8.1	0.1	5.0	12.8	0.1	2.5	5.2	0.2	1.3	3.2	0.2	2.2	5.5	0.2
Ivano-Frankivska	5.1	10.3	0.4	3.4	7.4	0.3	4.9	10.8	0.4	3.1	6.2	0.3	2.1	4.5	0.2	3.0	6.8	0.3
Kyivska	4.4	9.1	0.3	2.6	6.1	0.3	3.9	9.3	0.3	3.1	6.7	0.0	1.8	4.5	0.0	2.8	7.3	0.0
Kirovohradska	6.6	13.9	0.4	3.5	8.5	0.2	5.4	13.4	0.3	3.5	7.5	0.0	1.8	4.5	0.0	2.7	6.9	0.0
Luhanska																		
Lvivska	6.2	12.5	0.5	3.9	8.7	0.2	5.9	13.5	0.4	3.4	7.1	0.2	2.1	4.8	0.1	3.4	8.0	0.2
Mykolaiivska	9.4	19.1	1.0	5.4	12.4	0.5	8.1	18.7	0.9	4.0	8.3	0.3	2.4	5.7	0.2	3.9	9.5	0.3
Odessa	5.0	10.1	0.5	3.1	7.0	0.3	4.6	10.8	0.4	2.4	5.0	0.0	1.3	3.4	0.0	2.2	5.6	0.0
Poltavska	5.8	12.0	0.5	3.4	7.6	0.4	4.9	11.2	0.5	3.1	6.5	0.3	1.7	3.9	0.1	2.6	6.3	0.2
Rivnenska	3.1	6.4	0.2	2.2	5.1	0.1	3.4	7.9	0.1	2.8	5.8	0.0	1.9	4.5	0.0	2.9	7.1	0.0
Sumska	5.1	11.0	0.2	2.9	6.8	0.0	4.3	10.2	0.1	2.8	5.8	0.3	1.6	3.7	0.1	2.6	6.1	0.2
Terнопil'ska	5.4	11.0	0.5	3.5	7.4	0.4	5.2	11.1	0.6	3.9	8.4	0.0	2.4	5.7	0.0	4.0	9.8	0.0
Kharkivska	6.6	13.5	0.6	3.7	8.7	0.3	5.6	13.5	0.5	3.7	7.7	0.2	2.1	5.1	0.1	3.3	8.0	0.2
Khersonska	6.1	12.4	0.7	3.7	8.5	0.4	5.6	13.1	0.6	4.0	8.0	0.5	2.3	5.3	0.3	3.4	8.2	0.4
Khmelnytska	4.4	9.5	0.0	2.5	6.1	0.0	4.1	10.3	0.0	2.4	4.9	0.2	1.4	3.1	0.2	2.2	5.4	0.2
Cherkaska	4.9	10.6	0.0	2.5	6.2	0.0	4.0	10.4	0.0	3.0	6.5	0.2	1.5	3.7	0.1	2.5	6.3	0.2
Chernivetska	3.9	8.2	0.0	2.6	5.9	0.0	3.8	9.1	0.0	1.6	3.3	0.0	0.9	2.2	0.0	1.5	3.7	0.0
Chernihivska	6.0	12.8	0.4	3.0	7.4	0.1	4.6	11.6	0.1	2.5	5.2	0.2	1.3	3.0	0.1	1.9	4.7	0.2
Kyiv city	2.6	5.2	0.3	1.6	3.6	0.2	2.4	5.7	0.3	1.7	3.4	0.3	1.0	2.3	0.1	1.7	4.0	0.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>				<b>4.8</b>	<b>10.0</b>	<b>0.4</b>				<b>2.9</b>	<b>6.0</b>	<b>0.2</b>
AR Krym												
Vinnyska	50	50	0	3.2	7.0	0.0	40	39	1	2.6	5.4	0.1
Volynska	69	69	0	6.7	14.2	0.0	35	35	0	3.4	7.2	0.0
Dnipropetrovska	152	146	6	4.8	10.0	0.3	85	82	3	2.7	5.6	0.2
Donetska	53	50	3				31	29	2			
Zhytomyrska	67	64	3	5.5	11.3	0.5	36	36	0	3.0	6.3	0.0
Zakarpatska	45	43	2	3.6	7.1	0.3	27	26	1	2.2	4.3	0.2
Zaporizka	90	86	4	5.3	11.1	0.4	63	60	3	3.7	7.7	0.3
Ivano-Frankivska	68	67	1	5.0	10.3	0.1	44	42	2	3.2	6.5	0.3
Kyivska	74	70	4	4.2	8.7	0.4	38	37	1	2.2	4.6	0.1
Kirovohradska	54	52	2	5.8	12.0	0.4	23	22	1	2.5	5.1	0.2
Luhanska	41	37	4				22	20	2			
Lvivska	159	153	6	6.4	12.9	0.5	72	70	2	2.9	5.9	0.2
Mykolaivska	86	83	3	7.6	15.9	0.5	42	39	3	3.7	7.5	0.5
Odessa	102	97	5	4.3	8.7	0.4	49	48	1	2.1	4.3	0.1
Poltavska	77	73	4	5.5	11.4	0.5	56	55	1	4.0	8.6	0.1
Rivnenska	38	36	2	3.3	6.6	0.3	21	20	1	1.8	3.6	0.2
Sumska	69	64	5	6.4	12.9	0.9	49	49	0	4.5	9.9	0.0
Ternopil'ska	53	51	2	5.1	10.5	0.4	28	28	0	2.7	5.7	0.0
Kharkivska	151	141	10	5.7	11.4	0.7	92	90	2	3.5	7.3	0.1
Khersonska	62	59	3	6.0	12.3	0.5	47	45	2	4.5	9.4	0.4
Khmelnyska	54	51	3	4.3	8.7	0.4	34	31	3	2.7	5.3	0.4
Cherkaska	66	61	5	5.5	11.0	0.8	42	41	1	3.5	7.4	0.2
Chernivetska	35	35	0	3.9	8.2	0.0	29	29	0	3.2	6.8	0.0
Chernihivska	46	43	3	4.6	9.5	0.6	30	29	1	3.0	6.4	0.2
Kyiv city	61	57	4	2.1	4.2	0.3	39	38	1	1.3	2.8	0.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂
<b>Ukraine</b>	<b>10.7</b>	<b>24.0</b>	<b>46.0</b>	<b>15.0</b>	<b>4.1</b>	<b>26.9</b>		<b>75.5</b>	<b>92.9</b>	<b>12.1</b>	<b>37.5</b>	<b>74.4</b>	<b>5.5</b>
AR Krym													
Vinnyska	13.0	30.4	39.1	17.4	0.0	22.4	0	78.3	88.0	19.6	36.4	73.4	4.4
Volynska	6.0	25.4	47.8	17.9	1.5	28.8	2	77.6	97.1	1.5	34.1	68.7	3.1
Dnipropetrovska	6.8	26.7	43.2	22.6	0.7	27.3	2	71.2	91.4	6.8	34.6	69.1	5.6
Donetska	0.0	21.2	61.5	13.5	1.9			73.1	96.2	13.5			
Zhytomyrska	0.0	33.3	52.4	14.3	0.0	25.9	1	87.3	97.0	14.3	33.5	66.4	4.9
Zakarpatska	7.0	32.6	44.2	9.3	7.0	23.5	1	83.7	97.8	7.0	28.0	51.9	5.8
Zaporizka	10.8	15.7	45.8	22.9	4.8	28.7	1	72.3	94.4	10.8	36.5	74.8	4.4
Ivano-Frankivska	10.9	25.0	54.7	9.4	0.0	37.9	0	70.3	97.1	7.8	33.1	65.9	3.7
Kyivska	12.7	16.9	49.3	21.1	0.0	23.3	0	74.6	79.7	4.2	41.2	82.8	5.9
Kirovohradska	19.1	14.9	44.7	21.3	0.0	28.1	1	78.7	96.3	0.0	40.4	79.7	6.7
Luhanska	18.9	5.4	24.3	51.4	0.0			78.4	100.0	8.1			
Lvivska	13.9	19.4	40.3	20.8	5.6	22.9	0	85.4	93.7	0.7	53.3	105.6	6.2
Mykolaivska	8.1	37.2	51.2	3.5	0.0	28.2	1	72.1	97.7	17.4	50.5	102.0	6.1
Odessa	13.7	22.1	37.9	13.7	12.6	21.9	0	74.7	95.1	0.0	42.0	81.1	7.3
Poltavska	5.6	14.1	70.4	9.9	0.0	17.7	0	74.6	89.6	18.3	42.3	84.5	6.1
Rivnenska	8.1	45.9	35.1	2.7	8.1	42.9	0	75.7	86.8	43.2	24.9	48.8	3.3
Sumska	11.7	28.3	50.0	6.7	3.3	29.1	0	78.3	88.4	16.7	41.0	82.4	5.8
Ternopil'ska	6.0	18.0	70.0	6.0	0.0	23.2	2	82.0	94.3	26.0	40.3	80.8	4.7
Kharkivska	15.5	23.2	35.9	9.2	16.2	32.5	0	60.6	82.1	24.6	38.4	73.6	8.1
Khersonska	10.5	19.3	50.9	19.3	0.0	45.0	0	77.2	98.4	1.8	33.8	66.3	5.6
Khmelnyska	7.5	37.7	47.2	7.5	0.0	24.5	0	75.5	92.6	7.5	35.0	70.2	4.4
Cherkaska	18.8	18.8	35.9	25.0	1.6	19.6	0	78.1	97.0	15.6	42.1	85.5	5.2
Chernivetska	14.3	20.0	51.4	5.7	8.6	25.0	0	82.9	97.1	8.6	41.3	80.1	6.7
Chernihivska	22.0	34.1	36.6	7.3	0.0	20.7	1	82.9	97.8	19.5	34.3	68.8	5.5
Kyiv city	7.4	24.1	42.6	9.3	14.8	26.1	5	68.5	95.1	35.2	25.6	51.1	3.6
Sevastopol city													

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		12538	9887	2651
Incidence (crude rate)		35.0	59.3	13.8
Incidence (age-standardized, world standard)		19.5	38.9	6.7
Incidence (age-standardized, Ukrainian standard)		31.9	65.3	11.0
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-3.4% ↓↓	-5.3% ↓↓	4.4% ~~
Mortality: number of new cases*		9528	7829	1699
Mortality (crude rate)		26.6	47.0	8.9
Mortality (age-standardized, world standard)		14.5	30.6	4.0
Mortality (age-standardized, Ukrainian standard)		24.1	52.0	6.8
Lived less than 1 year since the diagnosis in 2018, %		58.9	61.6	48.3
From among the newly diagnosed – diagnosed post mortem, %		2.2	2.1	2.3
Microscopically verified diagnoses, %		61.1	61.5	59.8
Diagnoses verified with histology, %		46.7	46.3	47.9
Unspecified morphology, %		11.4	11.4	11.3
Patients diagnosed during the preventive medical examinations, %		13.3	13.3	13.3
Newly diagnosed patients received the anti-cancer treatment, %		41.7	41.4	42.8
- surgical treatment only, %		7.8	6.8	11.4
- treatment combined or complex, %		6.5	6.1	8.4
Incidence of children population (age 0-17 years):	cases*	5	2	3
	rate per 100 000 of children population	0.1	0.1	0.1
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 Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>35.0</b>	<b>59.3</b>	<b>13.8</b>	<b>19.5</b>	<b>38.9</b>	<b>6.7</b>	<b>31.9</b>	<b>65.3</b>	<b>11.0</b>	<b>26.6</b>	<b>47.0</b>	<b>8.9</b>	<b>14.5</b>	<b>30.6</b>	<b>4.0</b>	<b>24.1</b>	<b>52.0</b>	<b>6.8</b>
AR Krym																		
Vinnitska	36.0	61.9	13.8	19.5	38.2	6.4	31.0	62.4	10.4	28.8	50.2	10.4	15.4	31.2	4.5	24.9	51.6	7.5
Volynska	23.3	41.7	6.8	15.2	31.9	4.2	24.8	54.4	6.3	18.4	35.8	2.9	11.9	27.4	1.4	19.5	46.0	2.5
Dnipropetrovska	41.4	71.0	16.5	22.0	45.3	7.6	36.1	76.3	12.6	34.2	61.9	10.9	17.9	39.7	4.5	29.7	67.8	7.5
Donetska																		
Zhytomyrska	27.4	48.5	9.0	15.8	32.6	4.2	25.0	53.0	6.9	21.6	40.9	4.9	12.5	27.4	2.3	20.0	44.8	3.9
Zakarpatska	28.1	47.1	10.6	19.4	36.5	6.6	30.6	58.5	10.6	22.9	39.4	7.5	15.6	30.7	4.4	24.9	49.5	7.3
Zaporizka	45.6	77.9	18.5	23.5	48.1	8.2	38.6	81.0	13.4	34.3	63.3	9.8	17.0	38.2	4.0	28.4	65.6	6.8
Ivano-Frankivska	28.1	49.7	8.7	17.2	34.9	4.8	28.3	58.9	8.1	22.3	41.2	5.4	13.6	28.9	2.8	22.7	49.1	5.0
Kyivska	32.0	54.6	12.8	18.1	36.5	6.1	29.3	60.5	10.1	23.3	41.8	7.5	12.9	27.7	3.2	21.2	46.7	5.6
Kirovohradska	47.8	82.3	18.4	24.9	50.1	8.4	40.0	82.8	13.4	34.9	60.1	13.3	18.0	36.9	5.8	29.5	62.8	9.3
Luhanska																		
Lvivska	28.9	50.5	9.5	16.7	34.1	4.8	27.9	58.6	7.9	22.3	40.5	5.9	12.8	27.3	2.9	21.6	47.2	5.0
Mykolaivska	40.2	66.6	17.5	21.9	42.5	8.4	35.0	69.4	13.5	24.9	42.8	9.5	13.5	27.1	4.4	21.3	43.9	7.1
Odesska	33.1	54.3	14.2	19.3	36.9	7.5	30.7	60.2	11.6	19.5	33.7	6.9	11.0	22.6	3.2	17.8	37.3	5.2
Poltavska	41.7	69.6	17.8	22.0	42.7	8.3	35.8	72.3	13.2	32.9	55.9	13.3	17.1	33.9	6.1	28.2	58.1	9.8
Rivnenska	22.1	37.0	8.5	14.6	29.2	4.7	24.1	49.8	7.8	17.5	32.0	4.4	11.2	24.9	2.2	19.2	44.1	3.9
Sumska	42.1	71.1	17.6	20.7	41.1	7.6	34.8	70.8	12.9	31.0	56.1	9.8	15.4	33.2	3.6	26.0	57.0	6.6
Ternopil'ska	36.3	61.4	14.3	20.5	40.2	7.4	34.0	69.5	11.8	28.5	51.8	8.1	16.0	34.1	3.9	26.5	58.0	6.4
Kharkivska	40.1	66.6	17.3	21.5	42.7	8.0	35.7	72.1	13.5	29.6	49.3	12.7	15.5	31.0	5.8	25.9	53.0	9.7
Khersonska	45.1	79.6	15.2	24.8	52.2	7.1	40.6	88.2	11.6	38.6	69.9	11.6	20.6	44.6	5.3	33.9	75.5	8.7
Khmelnytska	41.9	68.3	19.1	22.2	43.1	8.3	37.2	73.7	14.0	30.0	50.3	12.3	15.7	31.2	5.2	26.4	53.3	9.3
Cherkaska	35.3	61.6	13.1	18.4	36.9	5.8	29.8	60.4	9.7	32.8	58.6	10.9	16.9	34.9	4.9	27.6	59.0	7.7
Chernivetska	28.8	50.1	9.8	17.1	34.9	5.1	28.5	59.8	8.5	22.0	40.9	5.2	13.0	28.9	2.1	22.0	49.5	4.0
Chernihivska	32.7	60.7	9.4	16.3	35.2	4.4	26.3	58.9	6.8	25.6	47.0	7.8	12.7	27.4	3.2	21.1	46.5	5.8
Kyiv city	26.5	42.4	12.9	15.2	28.5	6.6	26.0	49.4	11.2	18.9	31.2	8.3	10.4	20.7	3.8	18.4	36.8	6.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>33.2</b>	<b>57.0</b>	<b>12.5</b>				<b>25.4</b>	<b>44.3</b>	<b>8.9</b>
AR Krym												
Vinnyska	508	410	98	32.7	57.0	11.8	379	311	68	24.4	43.3	8.2
Volynska	255	217	38	24.7	44.5	7.0	203	174	29	19.7	35.7	5.3
Dnipropetrovska	1258	1029	229	39.3	70.3	13.2	1027	830	197	32.1	56.7	11.3
Donetska	516	405	111				404	333	71			
Zhytomyrska	322	265	57	26.4	46.7	8.7	247	209	38	20.2	36.8	5.8
Zakarpatska	348	292	56	27.8	48.4	8.6	258	212	46	20.6	35.2	7.1
Zaporizka	737	584	153	43.2	75.0	16.5	563	447	116	33.0	57.4	12.5
Ivano-Frankivska	384	326	58	28.0	50.3	8.0	327	276	51	23.9	42.6	7.1
Kyivska	546	450	96	31.0	55.6	10.1	368	288	80	20.9	35.6	8.4
Kirovohradska	420	328	92	44.7	75.8	18.2	337	273	64	35.9	63.1	12.6
Luhanska	239	197	42				195	162	33			
Lvivska	645	538	107	25.8	45.3	8.1	431	362	69	17.2	30.5	5.2
Mykolaivska	434	342	92	38.4	65.3	15.2	294	243	51	26.0	46.4	8.4
Odessa	673	508	165	28.4	45.6	13.2	416	324	92	17.6	29.1	7.3
Poltavska	555	452	103	39.9	70.4	13.7	490	397	93	35.2	61.8	12.4
Rivnenska	243	200	43	21.0	36.4	7.1	181	148	33	15.7	26.9	5.4
Sumska	467	357	110	43.3	72.1	18.8	286	232	54	26.5	46.8	9.3
Ternopil'ska	360	306	54	34.5	62.7	9.7	272	228	44	26.1	46.7	7.9
Kharkivska	1034	770	264	38.9	62.5	18.5	764	610	154	28.7	49.5	10.8
Khersonska	437	356	81	42.2	74.0	14.6	403	336	67	38.9	69.9	12.1
Khmelnyska	419	346	73	33.2	59.1	10.8	325	270	55	25.8	46.1	8.1
Cherkaska	421	335	86	35.0	60.7	13.2	362	293	69	30.1	53.1	10.6
Chernivetska	287	229	58	31.8	53.9	12.2	232	189	43	25.7	44.5	9.0
Chernihivska	378	316	62	37.9	69.7	11.4	296	259	37	29.7	57.1	6.8
Kyiv city	721	503	218	24.8	37.4	13.9	592	436	156	20.4	32.4	10.0
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>9.9</b>	<b>10.2</b>	<b>33.9</b>	<b>37.9</b>	<b>6.1</b>	<b>58.9</b>		<b>41.5</b>	<b>60.5</b>	<b>14.6</b>	<b>85.4</b>	<b>132.5</b>	<b>44.5</b>
AR Krym													
Vinnyska	11.8	20.3	27.6	37.6	0.0	57.9	1	36.3	67.1	8.4	76.6	120.6	38.7
Volynska	3.1	10.1	34.8	48.9	0.9	66.7	8	37.9	54.9	5.7	47.3	78.2	19.6
Dnipropetrovska	10.3	11.7	37.8	29.3	4.5	63.9	13	36.3	57.7	22.0	69.6	108.2	37.2
Donetska	10.9	8.6	38.4	38.4	2.1			43.9	50.6	21.4			
Zhytomyrska	10.8	10.5	30.0	45.6	1.0	55.8	2	46.0	83.5	19.5	69.1	110.5	33.1
Zakarpatska	7.0	14.0	32.4	45.1	0.6	66.8	20	43.2	70.4	3.2	61.3	98.8	26.4
Zaporizka	11.0	10.0	37.0	37.2	2.9	56.1	16	32.8	50.2	16.6	115.2	186.5	55.3
Ivano-Frankivska	3.6	6.6	40.6	45.9	1.9	63.1	6	43.4	58.9	3.6	47.1	77.1	20.1
Kyivska	11.7	15.2	30.0	41.7	0.2	52.6	0	46.4	52.2	13.4	106.5	172.4	50.5
Kirovohradska	10.8	9.4	40.3	38.4	0.8	58.2	19	46.1	71.0	14.1	77.1	117.3	42.7
Luhanska	9.3	7.7	25.8	48.5	8.2			43.3	84.9	6.2			
Lvivska	9.1	8.4	47.0	28.1	5.5	55.7	5	44.9	60.9	11.9	77.1	126.3	32.7
Mykolaivska	10.1	6.2	39.5	42.1	1.0	51.5	9	43.9	50.5	13.5	129.6	202.8	66.4
Odessa	10.5	6.3	24.8	45.3	11.6	42.7	4	44.1	62.6	2.6	119.1	182.2	62.9
Poltavska	8.6	12.1	23.8	53.1	1.4	68.9	7	40.2	51.0	11.9	82.5	125.5	45.7
Rivnenska	9.9	9.4	44.2	26.2	9.4	59.5	0	36.1	38.7	10.3	56.6	86.8	29.2
Sumska	23.9	13.3	27.8	20.9	13.8	47.4	1	44.3	61.0	23.4	123.4	178.7	76.5
Ternopil'ska	6.8	5.3	41.0	44.8	0.9	55.0	4	46.9	51.4	20.6	95.9	156.4	42.7
Kharkivska	14.8	10.2	24.9	25.9	22.1	63.5	15	35.1	62.4	34.5	116.9	169.5	71.5
Khersonska	3.3	0.8	31.5	62.1	1.3	69.0	12	37.3	63.6	12.8	75.6	113.7	42.5
Khmelnyska	7.6	26.4	51.8	12.2	0.8	58.9	6	39.3	52.7	12.7	78.9	121.4	42.0
Cherkaska	7.2	10.2	30.7	46.0	4.7	65.0	26	41.6	61.3	13.6	81.2	125.3	43.7
Chernivetska	3.0	10.3	30.0	49.0	7.6	62.5	9	43.3	59.6	10.6	85.4	133.3	42.8
Chernihivska	7.1	3.7	40.6	45.7	1.4	65.0	7	52.0	66.1	5.1	81.1	131.6	39.0
Kyiv city	8.1	4.3	24.2	37.5	22.3	56.7	65	51.3	78.5	3.1	67.5	100.1	39.5
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		329	187	142
Incidence (crude rate)		0.9	1.1	0.7
Incidence (age-standardized, world standard)		0.9	1.1	0.7
Incidence (age-standardized, Ukrainian standard)		1.0	1.2	0.8
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-6.8% ~~	1.6% ~~	-16.7% ~~
Mortality: number of new cases*		189	100	89
Mortality (crude rate)		0.5	0.6	0.5
Mortality (age-standardized, world standard)		0.4	0.5	0.3
Mortality (age-standardized, Ukrainian standard)		0.5	0.7	0.4
Lived less than 1 year since the diagnosis in 2018, %		28.9	29.1	28.7
From among the newly diagnosed – diagnosed post mortem, %		0.3	0.0	0.8
Microscopically verified diagnoses, %		82.4	80.2	85.2
Diagnoses verified with histology, %		78.4	75.4	82.4
Unspecified morphology, %		4.4	4.7	4.1
Patients diagnosed during the preventive medical examinations, %		607.3	534.2	703.5
Newly diagnosed patients received the anti-cancer treatment, %		64.1	62.2	66.7
- surgical treatment only, %		21.6	19.8	24.0
- treatment combined or complex, %		21.6	22.7	20.2
Incidence of children population (age 0-17 years):	cases*	60	33	27
	rate per 100 000 of children population	0.9	1.0	0.8
Mortality of children population (age 0-17 years):	cases*	18	15	3
	rate per 100 000 of children population	0.3	0.4	0.1

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

Table 2 - Incidence and mortality, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>0.9</b>	<b>1.1</b>	<b>0.7</b>	<b>0.9</b>	<b>1.1</b>	<b>0.7</b>	<b>1.0</b>	<b>1.2</b>	<b>0.8</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.7</b>	<b>0.4</b>
AR Krym																		
Vinnyska	0.9	1.0	0.8	0.7	0.8	0.7	0.9	1.0	0.8	0.4	0.6	0.2	0.4	0.6	0.1	0.4	0.6	0.2
Volynska	0.7	1.0	0.4	0.9	1.3	0.4	0.7	1.1	0.3	0.6	0.6	0.6	0.5	0.5	0.4	0.6	0.6	0.5
Dnipropetrovska	0.8	1.0	0.7	0.9	0.9	1.0	0.9	1.0	0.9	0.7	1.0	0.5	0.7	0.8	0.6	0.8	1.1	0.6
Donetska																		
Zhytomyrska	0.8	0.9	0.8	0.9	1.0	0.7	0.9	1.0	0.8	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3
Zakarpatska	0.8	0.8	0.8	0.7	0.7	0.6	0.9	0.9	0.8	0.4	0.7	0.2	0.3	0.5	0.1	0.5	1.0	0.2
Zaporizka	1.0	1.0	1.0	0.8	0.8	0.7	0.9	1.0	0.9	0.4	0.3	0.5	0.3	0.3	0.4	0.4	0.3	0.5
Ivano-Frankivska	1.0	1.7	0.4	0.9	1.4	0.4	1.0	1.6	0.4	0.5	0.6	0.4	0.4	0.6	0.2	0.5	0.8	0.3
Kyivska	0.7	0.8	0.7	0.7	0.9	0.5	0.8	1.0	0.5	0.6	0.8	0.5	0.5	0.6	0.6	0.6	0.8	0.6
Kirovohradska	1.5	2.3	0.8	1.5	2.3	0.8	1.5	2.2	0.8	0.5	0.5	0.6	0.3	0.4	0.3	0.5	0.5	0.4
Luhanska																		
Lvivska	0.8	0.9	0.8	1.0	1.0	0.9	0.9	1.1	0.8	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
Mykolaiivska	0.4	0.6	0.3	0.3	0.4	0.3	0.4	0.5	0.3	0.4	0.6	0.3	0.5	0.8	0.2	0.5	0.7	0.2
Odessa	0.8	1.1	0.5	0.6	0.9	0.4	0.7	1.1	0.4	0.5	0.5	0.4	0.3	0.5	0.2	0.4	0.6	0.3
Poltavska	1.1	1.2	0.9	1.0	1.1	0.9	1.2	1.4	1.0	0.7	0.8	0.7	0.4	0.7	0.3	0.7	1.0	0.5
Rivnenska	1.6	1.8	1.5	1.4	1.7	1.3	1.9	2.2	1.7	0.4	0.7	0.2	0.4	0.6	0.1	0.4	0.7	0.2
Sumska	2.0	3.0	1.2	2.0	2.8	1.3	2.2	3.4	1.2	0.5	0.0	0.9	0.3	0.0	0.4	0.4	0.0	0.7
Terнопil'ska	0.6	0.8	0.4	0.6	0.7	0.5	0.6	0.8	0.5	0.8	1.2	0.4	0.6	1.0	0.3	0.8	1.3	0.3
Kharkivska	0.7	0.6	0.8	0.6	0.7	0.4	0.8	0.8	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.6	0.6	0.6
Khersonska	0.9	1.0	0.7	1.0	1.0	1.0	1.0	1.1	0.9	0.9	1.2	0.5	0.7	0.8	0.6	0.8	1.1	0.6
Khmelnytska	1.3	1.0	1.5	0.9	0.7	1.3	1.3	1.3	1.5	0.5	0.2	0.7	0.4	0.3	0.3	0.5	0.3	0.6
Cherkaska	0.7	1.1	0.5	1.0	1.4	0.6	0.8	1.3	0.4	1.0	0.9	1.1	0.7	0.8	0.5	0.9	0.9	0.8
Chernivetska	0.7	0.7	0.6	0.5	0.6	0.5	0.8	1.1	0.6	0.3	0.5	0.2	0.3	0.4	0.1	0.3	0.4	0.2
Chernihivska	0.4	0.7	0.2	0.4	0.5	0.4	0.4	0.6	0.2	0.7	0.9	0.5	0.5	0.5	0.5	0.6	1.1	0.4
Kyiv city	1.2	1.6	0.8	1.2	1.9	0.6	1.4	1.9	0.8	0.4	0.5	0.3	0.4	0.6	0.2	0.5	0.7	0.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>0.8</b>	<b>0.9</b>	<b>0.6</b>				<b>0.4</b>	<b>0.5</b>	<b>0.3</b>
AR Krym												
Vynnytska	16	11	5	1.0	1.5	0.6	5	3	2	0.3	0.4	0.2
Volynska	16	6	10	1.6	1.2	1.8	8	4	4	0.8	0.8	0.7
Dnipropetrovska	21	11	10	0.7	0.8	0.6	10	3	7	0.3	0.2	0.4
Donetska	11	6	5				7	4	3			
Zhytomyrska	5	3	2	0.4	0.5	0.3	2	1	1	0.2	0.2	0.2
Zakarpatska	10	7	3	0.8	1.2	0.5	5	4	1	0.4	0.7	0.2
Zaporizka	18	12	6	1.1	1.5	0.7	9	4	5	0.5	0.5	0.5
Ivano-Frankivska	6	5	1	0.4	0.8	0.1	5	2	3	0.4	0.3	0.4
Kyivska	21	8	13	1.2	1.0	1.4	6	4	2	0.3	0.5	0.2
Kirovohradska	6	3	3	0.6	0.7	0.6	6	6	0	0.6	1.4	0.0
Luhanska	3	3	0				1	1	0			
Lvivska	16	12	4	0.6	1.0	0.3	12	6	6	0.5	0.5	0.5
Mykolaivska	7	4	3	0.6	0.8	0.5	2	2	0	0.2	0.4	0.0
Odessa	11	4	7	0.5	0.4	0.6	5	4	1	0.2	0.4	0.1
Poltavska	15	6	9	1.1	0.9	1.2	5	4	1	0.4	0.6	0.1
Rivnenska	8	5	3	0.7	0.9	0.5	5	4	1	0.4	0.7	0.2
Sumska	7	5	2	0.7	1.0	0.3	7	5	2	0.7	1.0	0.3
Ternopil'ska	13	4	9	1.3	0.8	1.6	3	1	2	0.3	0.2	0.4
Kharkivska	15	7	8	0.6	0.6	0.6	7	2	5	0.3	0.2	0.4
Khersonska	7	5	2	0.7	1.0	0.4	5	5	0	0.5	1.0	0.0
Khmelnyska	6	2	4	0.5	0.3	0.6	3	2	1	0.2	0.3	0.2
Cherkaska	9	7	2	0.8	1.3	0.3	8	4	4	0.7	0.7	0.6
Chernivetska	7	6	1	0.8	1.4	0.2	2	1	1	0.2	0.2	0.2
Chernihivska	4	2	2	0.4	0.4	0.4	6	5	1	0.6	1.1	0.2
Kyiv city	24	14	10	0.8	1.0	0.6	15	10	5	0.5	0.7	0.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>17.4</b>	<b>15.9</b>	<b>5.7</b>	<b>4.5</b>	<b>31.1</b>	<b>28.9</b>		<b>68.9</b>	<b>81.9</b>	<b>11.0</b>	<b>11.2</b>	<b>12.0</b>	<b>10.4</b>
AR Krym													
Vynnytska	25.0	6.3	12.5	18.8	0.0	23.1	3	68.8	68.8	6.3	10.2	11.3	9.4
Volynska	21.4	14.3	7.1	0.0	42.9	42.9	3	92.9	100.0	0.0	10.2	10.1	10.3
Dnipropetrovska	42.9	14.3	0.0	0.0	19.0	48.0	12	71.4	85.7	0.0	7.6	8.7	6.7
Donetska	36.4	18.2	9.1	9.1	0.0			81.8	72.7	27.3			
Zhytomyrska	0.0	60.0	0.0	0.0	40.0	0.0	0	100.0	100.0	20.0	9.2	10.6	8.0
Zakarpatska	22.2	0.0	0.0	0.0	55.6	10.0	1	66.7	80.0	0.0	10.2	9.8	10.6
Zaporizka	5.9	29.4	11.8	0.0	29.4	29.4	5	70.6	77.8	0.0	10.2	11.1	9.4
Ivano-Frankivska	40.0	20.0	0.0	0.0	20.0	50.0	7	80.0	83.3	20.0	6.6	8.6	4.7
Kyivska	19.0	14.3	9.5	9.5	4.8	27.3	3	81.0	66.7	9.5	15.7	14.2	16.9
Kirovohradska	33.3	0.0	0.0	16.7	16.7	18.2	2	50.0	83.3	16.7	12.9	13.9	12.1
Luhanska	0.0	66.7	0.0	33.3	0.0			100.0	100.0	33.3			
Lvivska	0.0	13.3	0.0	0.0	73.3	10.0	2	60.0	93.8	0.0	9.9	11.7	8.3
Mykolaivska	0.0	16.7	0.0	16.7	33.3	40.0	2	33.3	71.4	16.7	10.4	11.3	9.6
Odessa	10.0	0.0	0.0	10.0	50.0	7.1	1	70.0	90.9	0.0	12.6	12.8	12.4
Poltavska	26.7	13.3	0.0	6.7	26.7	40.0	6	46.7	73.3	20.0	12.9	12.9	12.9
Rivnenska	42.9	14.3	14.3	0.0	28.6	27.8	5	42.9	100.0	42.9	16.6	15.3	17.8
Sumska	28.6	28.6	0.0	0.0	14.3	22.2	4	57.1	71.4	0.0	13.3	15.4	11.6
Ternopil'ska	0.0	18.2	0.0	0.0	63.6	50.0	3	81.8	84.6	36.4	12.2	14.4	10.3
Kharkivska	0.0	0.0	0.0	0.0	78.6	50.0	8	50.0	86.7	14.3	9.9	10.1	9.7
Khersonska	28.6	14.3	42.9	0.0	0.0	50.0	4	71.4	85.7	0.0	7.3	8.3	6.5
Khmelnyska	20.0	0.0	40.0	20.0	0.0	20.0	3	60.0	83.3	20.0	15.5	16.4	14.7
Cherkaska	0.0	33.3	0.0	0.0	11.1	33.3	3	44.4	55.6	0.0	11.6	13.6	10.0
Chernivetska	0.0	14.3	0.0	0.0	28.6	25.0	1	57.1	71.4	0.0	14.2	17.2	11.5
Chernihivska	0.0	0.0	0.0	0.0	75.0	25.0	1	50.0	75.0	25.0	11.1	12.1	10.3
Kyiv city	10.5	26.3	5.3	0.0	42.1	25.0	8	94.7	91.7	21.1	12.3	13.5	11.2
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		2835	1231	1604
Incidence (crude rate)		7.9	7.4	8.4
Incidence (age-standardized, world standard)		4.9	5.0	4.9
Incidence (age-standardized, Ukrainian standard)		7.3	7.8	7.1
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-4.1% ~~	0.5% ~~	-8.2% ↓
Mortality: number of new cases*		939	466	473
Mortality (crude rate)		2.6	2.8	2.5
Mortality (age-standardized, world standard)		1.5	1.9	1.3
Mortality (age-standardized, Ukrainian standard)		2.3	2.9	2.0
Lived less than 1 year since the diagnosis in 2018, %		10.9	13.0	9.2
From among the newly diagnosed – diagnosed post mortem, %		0.2	0.4	0.1
Microscopically verified diagnoses, %		98.4	98.3	98.6
Diagnoses verified with histology, %		95.3	94.8	95.7
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		45.2	44.4	45.8
Newly diagnosed patients received the anti-cancer treatment, %		90.5	89.3	91.4
- surgical treatment only, %		69.3	67.0	71.1
- treatment combined or complex, %		18.6	19.7	17.8
Incidence of children population (age 0-17 years):	cases*	4	2	2
	rate per 100 000 of children population	0.1	0.1	0.1
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>7.9</b>	<b>7.4</b>	<b>8.4</b>	<b>4.9</b>	<b>5.0</b>	<b>4.9</b>	<b>7.3</b>	<b>7.8</b>	<b>7.1</b>	<b>2.6</b>	<b>2.8</b>	<b>2.5</b>	<b>1.5</b>	<b>1.9</b>	<b>1.3</b>	<b>2.3</b>	<b>2.9</b>	<b>2.0</b>
AR Krym																		
Vinnitska	6.6	6.6	6.5	4.0	4.5	3.8	5.9	6.7	5.4	2.1	1.7	2.5	1.2	1.3	1.0	1.7	1.6	1.6
Volynska	4.3	4.5	4.0	2.9	3.4	2.6	4.2	5.4	3.6	1.9	1.6	2.2	1.3	1.3	1.4	2.0	1.8	2.1
Dnipropetrovska	9.4	8.3	10.3	5.7	5.5	6.1	8.3	8.6	8.6	3.9	4.4	3.4	2.3	3.0	1.9	3.4	4.9	2.7
Donetska																		
Zhytomyrska	5.9	4.5	7.1	3.7	3.3	4.1	5.4	4.5	6.1	2.1	1.8	2.4	1.1	1.1	1.1	1.8	1.6	1.9
Zakarpatska	6.3	5.8	6.8	4.6	4.8	4.6	7.1	7.5	7.0	1.8	1.7	1.8	1.2	1.3	1.2	1.8	1.9	1.7
Zaporizka	9.6	9.5	9.6	5.7	6.3	5.6	8.3	9.9	7.7	2.4	2.0	2.8	1.3	1.2	1.4	2.0	1.8	2.1
Ivano-Frankivska	7.0	7.5	6.5	4.5	5.5	3.8	6.8	8.3	5.7	2.7	4.0	1.5	1.6	2.9	0.6	2.7	4.7	1.2
Kyivska	8.5	7.7	9.1	5.3	5.5	5.4	7.8	8.3	7.7	2.4	2.7	2.1	1.5	2.0	1.1	2.2	3.2	1.6
Kirovohradska	7.4	6.2	8.4	4.3	4.2	4.6	6.7	7.1	6.7	3.1	3.4	2.7	1.8	2.3	1.5	2.8	3.6	2.2
Luhanska																		
Lvivska	7.5	7.9	7.0	4.6	5.4	4.2	7.1	8.8	6.1	2.0	1.7	2.4	1.3	1.2	1.4	2.1	2.1	2.1
Mykolaiivska	8.5	6.1	10.6	5.5	4.0	6.9	7.6	6.2	9.1	1.5	1.5	1.5	0.9	0.9	0.9	1.3	1.4	1.3
Odesska	6.5	5.9	7.1	4.1	4.2	4.1	6.2	6.5	6.1	2.2	2.6	1.8	1.3	1.8	1.1	2.1	2.7	1.6
Poltavska	7.8	7.6	7.9	4.7	5.0	4.6	6.8	7.3	6.7	3.4	4.2	2.8	1.5	2.2	1.1	2.6	3.8	1.9
Rivnenska	5.6	4.5	6.6	4.1	3.2	5.0	5.6	4.8	6.6	1.6	1.5	1.8	1.2	1.1	1.3	1.7	1.6	1.9
Sumska	7.9	8.2	7.6	4.6	5.1	4.1	6.9	7.4	6.5	1.7	2.2	1.4	0.8	1.3	0.4	1.4	2.0	0.8
Ternopil'ska	6.8	5.9	7.5	4.4	4.1	4.8	6.4	6.7	6.5	2.7	3.9	1.6	1.7	2.9	0.9	2.7	4.5	1.3
Kharkiv'ska	7.3	6.7	7.8	4.1	4.3	4.1	6.3	6.9	6.2	3.3	3.7	3.0	1.8	2.3	1.5	2.7	3.5	2.2
Kherson'ska	10.0	7.8	11.8	5.8	5.2	6.6	8.9	8.5	9.7	3.4	2.9	3.9	2.0	2.0	2.1	3.2	3.2	3.3
Khmelnitska	8.7	8.5	8.8	5.4	5.9	4.8	7.8	8.4	7.2	2.8	2.4	3.2	1.7	1.6	1.8	2.5	2.1	2.7
Cherkaska	7.9	7.7	8.1	4.4	4.4	4.6	6.7	7.4	6.6	3.2	4.3	2.3	1.7	2.6	1.0	2.7	3.7	1.8
Chernivetska	3.1	3.8	2.5	1.9	2.8	1.2	2.8	4.1	1.8	1.9	2.6	1.3	1.1	1.8	0.5	1.8	2.6	1.0
Chernihiv'ska	10.0	10.0	10.0	5.6	6.1	5.6	8.7	9.9	8.4	4.1	3.7	4.4	1.9	2.0	1.8	3.0	3.4	3.0
Kyiv city	12.1	11.4	12.7	7.4	7.7	7.3	11.5	12.4	11.0	2.5	2.5	2.4	1.5	1.6	1.4	2.2	2.6	2.0
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>7.8</b>	<b>7.0</b>	<b>8.6</b>				<b>2.4</b>	<b>2.6</b>	<b>2.2</b>
AR Krym												
Vinnyska	99	51	48	6.4	7.1	5.8	29	18	11	1.9	2.5	1.3
Volynska	72	24	48	7.0	4.9	8.8	17	8	9	1.7	1.6	1.7
Dnipropetrovska	297	111	186	9.3	7.6	10.7	80	36	44	2.5	2.5	2.5
Donetska	109	38	71				29	12	17			
Zhytomyrska	95	33	62	7.8	5.8	9.5	27	12	15	2.2	2.1	2.3
Zakarpatska	52	21	31	4.2	3.5	4.8	22	10	12	1.8	1.7	1.8
Zaporizka	124	44	80	7.3	5.7	8.6	38	23	15	2.2	3.0	1.6
Ivano-Frankivska	91	43	48	6.6	6.6	6.7	28	17	11	2.0	2.6	1.5
Kyivska	154	64	90	8.7	7.9	9.5	42	21	21	2.4	2.6	2.2
Kirovohradska	76	37	39	8.1	8.6	7.7	19	8	11	2.0	1.9	2.2
Luhanska	59	23	36				18	13	5			
Lvivska	194	85	109	7.8	7.2	8.3	64	37	27	2.6	3.1	2.1
Mykolaivska	94	35	59	8.3	6.7	9.7	29	13	16	2.6	2.5	2.6
Odessa	154	57	97	6.5	5.1	7.7	33	18	15	1.4	1.6	1.2
Poltavska	145	65	80	10.4	10.1	10.7	38	18	20	2.7	2.8	2.7
Rivnenska	61	23	38	5.3	4.2	6.3	15	10	5	1.3	1.8	0.8
Sumska	81	30	51	7.5	6.1	8.7	21	7	14	2.0	1.4	2.4
Ternopil'ska	60	19	41	5.8	3.9	7.4	26	16	10	2.5	3.3	1.8
Kharkivska	225	97	128	8.5	7.9	9.0	79	37	42	3.0	3.0	2.9
Khersonska	90	39	51	8.7	8.1	9.2	34	12	22	3.3	2.5	4.0
Khmelnyska	107	54	53	8.5	9.2	7.8	31	22	9	2.5	3.8	1.3
Cherkaska	102	47	55	8.5	8.5	8.5	29	16	13	2.4	2.9	2.0
Chernivetska	30	11	19	3.3	2.6	4.0	6	3	3	0.7	0.7	0.6
Chernihivska	79	30	49	7.9	6.6	9.0	35	10	25	3.5	2.2	4.6
Kyiv city	315	141	174	10.8	10.5	11.1	108	60	48	3.7	4.5	3.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>36.6</b>	<b>42.9</b>	<b>5.1</b>	<b>3.6</b>	<b>12.0</b>	<b>10.9</b>		<b>91.4</b>	<b>98.4</b>	<b>50.0</b>	<b>73.3</b>	<b>55.0</b>	<b>89.2</b>
AR Krym													
Vinnyska	40.0	50.0	6.7	3.3	0.0	8.6	8	95.6	100.0	50.0	75.1	54.1	93.1
Volynska	33.8	57.4	1.5	5.9	1.5	12.2	5	94.1	98.6	14.7	49.8	37.1	61.1
Dnipropetrovska	44.9	38.2	0.7	1.1	15.1	14.3	40	91.2	99.3	68.8	70.5	49.6	88.1
Donetska	33.3	30.1	4.3	4.3	28.0			81.7	93.6	33.3			
Zhytomyrska	17.2	59.8	12.6	10.3	0.0	6.0	4	95.4	100.0	48.3	69.2	52.8	83.5
Zakarpatska	36.2	31.9	17.0	10.6	4.3	15.8	12	89.4	98.1	46.8	44.2	30.7	56.7
Zaporizka	31.0	38.9	3.5	3.5	23.0	7.8	12	83.2	100.0	42.5	85.0	58.7	107.1
Ivano-Frankivska	32.2	51.1	4.4	5.6	6.7	12.8	12	95.6	98.9	30.0	51.2	40.7	60.7
Kyivska	41.3	43.4	11.9	2.8	0.7	12.2	16	89.5	99.4	39.9	84.4	64.9	101.1
Kirovohradska	34.8	55.1	2.9	1.4	5.8	10.4	7	97.1	94.7	58.0	70.8	52.4	86.5
Luhanska	32.1	43.4	7.5	5.7	11.3			84.9	96.6	52.8			
Lvivska	30.1	42.2	8.7	1.7	17.3	8.9	15	86.7	93.8	57.8	69.0	54.0	82.5
Mykolaivska	46.3	41.3	6.3	2.5	3.8	3.3	3	96.3	95.7	48.8	86.6	62.6	107.3
Odessa	20.4	55.6	4.2	3.5	16.2	10.9	15	90.8	98.7	7.0	71.8	55.2	86.5
Poltavska	38.8	47.0	7.5	6.0	0.7	15.4	16	92.5	98.6	45.5	86.7	64.8	105.4
Rivnenska	22.8	19.3	1.8	3.5	52.6	6.5	4	75.4	100.0	19.3	51.6	40.2	62.0
Sumska	39.2	51.4	2.7	4.1	2.7	7.7	6	91.9	100.0	48.6	72.9	54.7	88.4
Ternopil'ska	34.5	45.5	10.9	9.1	0.0	9.2	6	90.9	100.0	58.2	61.3	47.4	73.5
Kharkivska	23.6	35.5	1.5	3.4	36.0	15.9	28	86.7	100.0	55.2	76.2	55.9	93.7
Khersonska	54.1	36.5	3.5	3.5	2.4	11.5	11	96.5	96.7	27.1	84.6	60.5	105.6
Khmelnyska	35.7	54.1	4.1	4.1	2.0	7.8	8	93.9	99.1	46.9	62.8	50.7	73.3
Cherkaska	38.9	50.5	5.3	1.1	4.2	9.4	8	94.7	98.0	42.1	81.9	61.6	99.2
Chernivetska	25.9	40.7	11.1	0.0	22.2	7.4	2	96.3	96.7	22.2	40.7	31.1	49.3
Chernihivska	38.2	50.0	10.3	1.5	0.0	16.3	15	98.5	100.0	73.5	74.2	51.4	93.3
Kyiv city	52.5	31.7	1.4	2.5	12.0	9.5	30	96.5	100.0	87.3	106.3	86.1	123.8
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		15516	6512	9004
Incidence (crude rate)		43.3	39.1	46.9
Incidence (age-standardized, world standard)		21.7	24.6	20.2
Incidence (age-standardized, Ukrainian standard)		38.1	44.1	35.1
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-0.2% ~~	-0.5% ~~	-0.1% ~~
Mortality: number of new cases*		479	239	240
Mortality (crude rate)		1.3	1.4	1.3
Mortality (age-standardized, world standard)		0.6	0.8	0.4
Mortality (age-standardized, Ukrainian standard)		1.1	1.6	0.8
Lived less than 1 year since the diagnosis in 2018, %		2.6	3.0	2.4
From among the newly diagnosed – diagnosed post mortem, %		0.0	0.0	0.0
Microscopically verified diagnoses, %		98.5	98.5	98.5
Diagnoses verified with histology, %		78.0	79.5	76.8
Unspecified morphology, %		1.9	1.7	2.0
Patients diagnosed during the preventive medical examinations, %		56.0	56.4	55.8
Newly diagnosed patients received the anti-cancer treatment, %		88.7	88.7	88.6
- surgical treatment only, %		67.9	68.3	67.6
- treatment combined or complex, %		3.5	3.8	3.3
Incidence of children population (age 0-17 years):	cases*	3	2	1
	rate per 100 000 of children population	0.0	0.1	0.0
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>43.3</b>	<b>39.1</b>	<b>46.9</b>	<b>21.7</b>	<b>24.6</b>	<b>20.2</b>	<b>38.1</b>	<b>44.1</b>	<b>35.1</b>	<b>1.3</b>	<b>1.4</b>	<b>1.3</b>	<b>0.6</b>	<b>0.8</b>	<b>0.4</b>	<b>1.1</b>	<b>1.6</b>	<b>0.8</b>
AR Krym																		
Vinnitska	38.8	37.8	39.6	18.9	22.7	16.7	32.2	40.1	27.9	2.1	2.2	2.0	0.8	1.2	0.6	1.5	2.4	1.1
Volynska	32.0	29.1	34.6	19.0	21.7	17.5	32.7	37.4	30.2	0.7	1.0	0.4	0.3	0.6	0.1	0.6	1.3	0.2
Dnipropetrovska	43.4	38.5	47.6	20.6	23.4	19.1	36.0	42.4	33.0	1.9	2.1	1.7	0.8	1.2	0.5	1.4	2.2	1.1
Donetska																		
Zhytomyrska	41.2	36.0	45.8	21.1	23.4	20.0	36.3	40.3	34.4	1.9	1.9	1.8	0.8	1.2	0.6	1.5	1.9	1.2
Zakarpatska	28.0	26.5	29.3	18.2	21.0	16.7	31.7	37.9	28.5	1.2	1.2	1.2	0.7	0.8	0.6	1.2	1.3	1.2
Zaporizka	66.5	54.2	76.9	28.5	31.0	27.4	52.5	57.6	50.1	0.9	0.6	1.2	0.4	0.4	0.4	0.7	0.9	0.7
Ivano-Frankivska	35.6	32.1	38.7	19.2	22.2	17.3	34.5	39.9	31.3	1.3	1.2	1.4	0.5	0.9	0.3	1.0	1.6	0.6
Kyivska	43.0	38.3	47.0	22.3	25.0	21.1	39.0	44.8	36.4	1.9	2.5	1.5	0.8	1.6	0.4	1.5	3.2	0.8
Kirovohradska	63.3	60.1	66.0	30.2	34.4	27.2	51.1	58.6	46.5	1.2	1.6	0.8	0.4	0.8	0.2	0.8	1.6	0.4
Luhanska																		
Lvivska	46.9	40.8	52.3	25.1	27.5	23.7	43.6	48.1	41.2	1.0	0.8	1.1	0.4	0.5	0.4	0.8	0.9	0.7
Mykolaiivska	60.8	50.5	69.6	31.3	32.5	31.4	54.3	58.4	53.1	2.0	2.5	1.6	0.9	1.6	0.6	1.7	3.2	1.0
Odessa	36.1	34.1	37.7	18.5	21.9	16.6	32.8	40.4	28.7	1.9	2.1	1.8	0.9	1.3	0.6	1.7	2.6	1.2
Poltavska	44.0	41.2	46.4	20.4	23.5	18.7	35.7	42.0	32.4	1.6	1.9	1.5	0.7	1.1	0.5	1.3	2.0	0.9
Rivnenska	16.6	16.9	16.4	10.3	12.9	8.8	18.6	23.6	16.0	0.7	0.2	1.2	0.3	0.1	0.4	0.6	0.3	0.8
Sumska	59.4	52.5	65.3	27.1	29.8	25.8	47.0	53.2	44.0	1.4	1.8	1.0	0.5	0.8	0.2	0.9	1.6	0.4
Terнопil'ska	40.7	37.5	43.5	21.0	24.3	18.7	36.3	42.1	32.7	0.9	0.8	0.9	0.4	0.5	0.2	0.7	0.8	0.5
Kharkivska	37.8	36.4	39.0	18.2	22.3	15.8	32.1	40.1	27.8	0.9	0.8	0.9	0.3	0.4	0.3	0.7	0.9	0.6
Khersonska	52.7	44.7	59.6	26.7	28.7	25.8	46.1	49.7	44.3	0.7	0.8	0.5	0.4	0.6	0.2	0.7	1.3	0.4
Khmelnitska	45.1	42.7	47.1	22.1	26.4	19.5	37.5	44.8	33.3	0.6	0.3	0.7	0.2	0.2	0.2	0.4	0.3	0.5
Cherkaska	50.1	46.4	53.3	23.0	25.8	21.7	39.5	46.1	36.2	1.0	1.4	0.6	0.3	0.7	0.2	0.6	1.3	0.3
Chernivetska	14.5	15.5	13.6	7.6	10.1	6.3	13.7	19.0	11.0	3.5	4.7	2.5	1.6	3.1	0.7	3.1	6.2	1.4
Chernihivska	47.5	42.9	51.3	21.0	23.6	20.2	35.9	41.8	33.6	1.1	1.3	0.9	0.4	0.5	0.4	0.7	1.2	0.5
Kyiv city	47.0	42.9	50.5	25.1	27.0	24.4	45.2	50.0	43.1	0.7	0.5	0.9	0.4	0.4	0.4	0.7	0.8	0.7
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>42.9</b>	<b>38.2</b>	<b>47.0</b>				<b>1.3</b>	<b>1.6</b>	<b>1.1</b>
AR Krym												
Vinnyska	635	298	337	40.9	41.5	40.4	28	18	10	1.8	2.5	1.2
Volynska	333	134	199	32.3	27.5	36.5	12	8	4	1.2	1.6	0.7
Dnipropetrovska	1363	589	774	42.6	40.3	44.5	52	22	30	1.6	1.5	1.7
Donetska	700	275	425				31	14	17			
Zhytomyrska	501	218	283	41.0	38.4	43.4	15	8	7	1.2	1.4	1.1
Zakarpatska	302	125	177	24.1	20.7	27.2	20	12	8	1.6	2.0	1.2
Zaporizka	1031	398	633	60.5	51.1	68.3	12	7	5	0.7	0.9	0.5
Ivano-Frankivska	569	229	340	41.5	35.3	47.1	20	10	10	1.5	1.5	1.4
Kyivska	717	286	431	40.7	35.3	45.2	38	21	17	2.2	2.6	1.8
Kirovohradska	676	253	423	72.0	58.4	83.6	13	4	9	1.4	0.9	1.8
Luhanska	262	109	153				10	4	6			
Lvivska	1118	477	641	44.7	40.2	48.7	32	18	14	1.3	1.5	1.1
Mykolaivska	671	272	399	59.4	51.9	65.8	13	5	8	1.2	1.0	1.3
Odessa	839	322	517	35.4	28.9	41.2	34	24	10	1.4	2.2	0.8
Poltavska	571	237	334	41.0	36.9	44.5	14	7	7	1.0	1.1	0.9
Rivnenska	260	111	149	22.5	20.2	24.6	14	5	9	1.2	0.9	1.5
Sumska	541	231	310	50.1	46.6	53.1	22	14	8	2.0	2.8	1.4
Ternopil'ska	417	181	236	40.0	37.1	42.5	11	5	6	1.1	1.0	1.1
Kharkivska	934	401	533	35.1	32.5	37.3	31	15	16	1.2	1.2	1.1
Khersonska	586	242	344	56.6	50.3	62.0	10	8	2	1.0	1.7	0.4
Khmelnyska	574	236	338	45.5	40.3	50.0	16	11	5	1.3	1.9	0.7
Cherkaska	554	229	325	46.1	41.5	50.0	13	6	7	1.1	1.1	1.1
Chernivetska	167	65	102	18.5	15.3	21.4	30	16	14	3.3	3.8	2.9
Chernihivska	499	217	282	50.0	47.8	51.9	10	7	3	1.0	1.5	0.6
Kyiv city	1466	590	876	50.4	43.9	56.0	19	11	8	0.7	0.8	0.5
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>72.5</b>	<b>19.6</b>	<b>1.0</b>	<b>0.1</b>	<b>1.1</b>	<b>2.6</b>		<b>87.7</b>	<b>97.8</b>	<b>62.6</b>	<b>523.5</b>	<b>446.7</b>	<b>590.2</b>
AR Krym													
Vinnyska	67.4	22.9	0.7	0.2	0.0	3.8	0	91.7	91.3	73.4	497.8	431.7	554.7
Volynska	64.5	28.0	1.0	0.3	0.0	1.0	0	95.1	100.0	43.0	379.6	307.1	444.5
Dnipropetrovska	66.1	24.4	2.4	0.1	1.0	2.7	1	90.6	99.7	67.6	455.4	394.9	506.2
Donetska	72.8	21.6	0.8	0.0	0.3			78.5	97.1	47.2			
Zhytomyrska	69.6	23.3	0.9	0.0	0.5	3.4	0	90.9	100.0	53.9	458.7	384.3	523.5
Zakarpatska	52.1	35.0	1.4	1.1	2.1	4.5	0	82.9	93.4	50.4	346.0	311.3	378.2
Zaporizka	81.2	10.3	1.5	0.0	1.7	3.1	0	84.8	99.2	71.4	669.0	540.8	776.8
Ivano-Frankivska	69.1	21.2	1.7	0.0	0.0	2.7	0	95.3	100.0	48.2	435.3	373.1	491.2
Kyivska	68.0	23.3	1.3	0.2	0.0	2.9	0	78.6	95.4	60.5	508.6	429.6	575.6
Kirovohradska	76.5	17.5	0.3	0.0	0.5	2.7	0	82.4	97.3	70.9	608.4	518.3	685.6
Luhanska	63.7	26.6	2.1	0.0	0.4			84.8	97.7	71.7			
Lvivska	77.0	15.4	0.3	0.2	2.1	1.5	0	83.4	99.3	70.0	576.4	492.7	651.9
Mykolaivska	82.4	12.1	0.6	0.0	2.6	1.6	0	97.6	99.1	66.5	795.0	659.1	912.5
Odessa	73.8	19.4	1.8	0.1	1.0	1.8	1	74.9	98.1	10.2	560.9	481.4	631.6
Poltavska	56.8	31.8	1.2	0.4	0.4	4.2	0	91.6	98.6	41.4	621.5	537.1	693.8
Rivnenska	57.8	24.2	3.5	0.0	5.1	4.9	0	52.7	97.3	35.5	270.9	215.7	320.8
Sumska	62.4	28.4	0.0	0.0	2.2	3.2	0	81.6	97.2	73.6	750.8	582.3	893.7
Ternopil'ska	68.1	20.7	1.0	0.5	0.3	1.6	0	86.5	98.3	63.7	438.0	399.2	472.2
Kharkivska	75.8	17.3	0.2	0.0	1.4	2.8	0	86.5	99.9	81.6	524.9	458.5	582.2
Khersonska	65.4	24.9	1.0	0.0	0.6	2.3	0	94.7	99.8	35.2	521.6	427.2	603.4
Khmelnyska	76.3	15.7	1.1	0.4	0.7	3.8	0	89.9	93.4	59.5	471.1	402.0	531.0
Cherkaska	76.4	17.3	0.6	0.2	0.8	1.9	0	90.2	94.0	34.4	668.1	580.4	742.5
Chernivetska	52.0	33.1	4.1	0.0	4.1	4.2	0	91.9	64.7	54.7	383.2	339.6	422.0
Chernihivska	80.7	17.7	0.0	0.0	0.0	3.1	1	98.6	99.8	87.3	498.8	423.8	561.4
Kyiv city	86.5	8.5	0.1	0.1	1.0	1.4	2	98.4	100.0	98.7	537.6	486.1	581.9
Sevastopol city													

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




Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		15017	145	14872
Incidence (crude rate)		41.9	0.9	77.5
Incidence (age-standardized, world standard)		25.8	0.6	45.3
Incidence (age-standardized, Ukrainian standard)		38.4	1.0	65.9
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		3.3% ↑↑	35.1% ↑	3.3% ↑↑
Mortality: number of new cases*		5726	47	5679
Mortality (crude rate)		16.0	0.3	29.6
Mortality (age-standardized, world standard)		8.7	0.2	14.8
Mortality (age-standardized, Ukrainian standard)		14.2	0.3	23.4
Lived less than 1 year since the diagnosis in 2018, %		9.4	12.4	9.4
From among the newly diagnosed – diagnosed post mortem, %		0.4	0.0	0.4
Microscopically verified diagnoses, %		92.8	93.1	92.8
Diagnoses verified with histology, %		85.3	77.2	85.4
Unspecified morphology, %		5.9	11.1	5.9
Patients diagnosed during the preventive medical examinations, %		43.5	29.7	43.6
Newly diagnosed patients received the anti-cancer treatment, %		82.8	76.7	82.8
- surgical treatment only, %		15.3	21.7	15.2
- treatment combined or complex, %		52.2	41.1	52.3
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*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>41.9</b>	<b>0.9</b>	<b>77.5</b>	<b>25.8</b>	<b>0.6</b>	<b>45.3</b>	<b>38.4</b>	<b>1.0</b>	<b>65.9</b>	<b>16.0</b>	<b>0.3</b>	<b>29.6</b>	<b>8.7</b>	<b>0.2</b>	<b>14.8</b>	<b>14.2</b>	<b>0.3</b>	<b>23.4</b>
AR Krym																		
Vinnitska	39.4	1.0	72.5	24.1	0.6	42.8	35.8	1.2	61.9	15.1	0.4	27.8	8.0	0.3	13.7	12.8	0.4	21.3
Volynska	30.0	0.8	56.1	21.2	0.7	37.5	31.2	1.0	53.9	11.5	0.0	21.8	7.4	0.0	12.8	11.4	0.0	19.3
Dnipropetrovska	47.7	1.2	86.9	28.1	0.7	48.2	41.8	1.1	69.9	19.6	0.3	35.8	10.1	0.2	16.7	16.5	0.4	26.6
Donetska																		
Zhytomyrska	38.6	0.5	71.8	24.6	0.3	43.9	35.6	0.7	61.9	13.2	0.2	24.6	7.6	0.1	12.9	12.3	0.2	20.4
Zakarpatska	27.5	0.7	52.3	19.5	0.5	35.1	29.2	1.2	51.3	10.8	0.2	20.7	7.4	0.1	12.9	11.8	0.2	20.2
Zaporizka	47.0	1.3	85.4	27.3	0.8	47.1	40.8	1.3	68.6	21.3	0.8	38.6	10.4	0.5	17.0	17.4	0.8	27.6
Ivano-Frankivska	28.4	0.5	53.4	18.7	0.3	33.5	28.3	0.4	49.4	11.1	0.0	21.1	6.7	0.0	11.7	10.9	0.0	18.4
Kyivska	46.8	0.6	86.2	29.6	0.5	52.1	43.3	0.7	74.4	16.4	0.3	30.1	8.9	0.2	14.9	14.6	0.4	23.7
Kirovohradska	46.5	0.0	86.3	26.0	0.0	45.2	39.8	0.0	67.4	17.3	0.0	32.0	8.4	0.0	14.3	13.7	0.0	22.7
Luhanska																		
Lvivska	40.4	0.8	76.2	26.5	0.6	47.7	39.4	1.0	69.2	12.4	0.3	23.3	7.4	0.2	12.8	11.8	0.4	20.0
Mykolaiivska	46.4	1.3	85.3	27.9	0.8	48.4	42.1	1.5	70.9	12.7	0.6	23.2	6.9	0.3	11.5	11.2	0.6	18.2
Odessa	40.6	0.6	76.0	25.7	0.4	45.6	38.2	0.6	66.2	13.5	0.5	25.2	7.6	0.3	12.8	12.5	0.5	20.5
Poltavska	40.7	1.1	74.5	23.5	0.6	41.0	35.0	1.1	59.7	18.7	0.3	34.4	9.3	0.1	15.5	15.6	0.3	25.3
Rivnenska	29.4	0.7	55.4	21.0	0.6	37.5	31.0	1.2	53.9	12.9	0.2	24.5	8.9	0.2	15.6	13.6	0.2	23.2
Sumska	44.4	1.4	80.8	24.5	0.7	42.7	37.0	1.2	62.8	17.4	0.4	31.8	8.3	0.2	14.0	14.0	0.4	22.8
Terнопil'ska	30.8	0.6	57.3	19.3	0.4	34.8	28.3	0.6	49.7	15.6	0.0	29.4	8.9	0.0	15.5	14.3	0.0	24.3
Kharkivska	45.9	0.7	84.9	26.7	0.5	46.5	40.0	0.9	67.8	20.7	0.3	38.2	10.7	0.2	17.8	17.6	0.4	28.5
Khersonska	42.5	0.4	78.9	25.8	0.3	45.0	39.2	0.6	66.6	16.2	0.2	30.0	8.9	0.1	15.1	14.2	0.2	23.5
Khmelnytska	41.4	0.5	76.8	24.7	0.3	44.1	36.5	0.5	63.5	15.2	0.5	27.9	8.0	0.3	13.4	13.1	0.8	21.4
Cherkaska	41.8	1.8	75.8	24.5	1.0	42.8	36.2	2.0	61.7	19.1	0.5	34.8	9.4	0.3	15.8	15.3	0.7	25.1
Chernivetska	27.7	0.5	51.9	17.9	0.4	31.5	27.1	0.7	46.5	15.2	0.2	28.4	9.2	0.2	16.0	14.2	0.2	24.2
Chernihivska	41.4	0.4	75.6	23.8	0.3	42.0	35.3	0.4	60.5	14.1	0.0	25.9	7.4	0.0	12.7	11.7	0.0	19.6
Kyiv city	57.5	1.5	105.7	36.4	1.0	63.1	54.5	1.8	92.6	17.2	0.2	31.9	10.1	0.1	17.2	16.1	0.1	27.0
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
												
<b>Ukraine</b>				<b>38.0</b>	<b>0.8</b>	<b>70.3</b>				<b>14.8</b>	<b>0.3</b>	<b>27.5</b>
AR Krym												
Vinnyska	612	3	609	39.4	0.4	73.0	210	1	209	13.5	0.1	25.1
Volynska	300	3	297	29.1	0.6	54.5	129	0	129	12.5	0.0	23.7
Dnipropetrovska	1389	10	1379	43.4	0.7	79.2	542	3	539	16.9	0.2	31.0
Donetska	529	5	524				242	0	242			
Zhytomyrska	404	1	403	33.1	0.2	61.7	150	0	150	12.3	0.0	23.0
Zakarpatska	281	2	279	22.4	0.3	42.9	140	2	138	11.2	0.3	21.2
Zaporizka	674	1	673	39.5	0.1	72.6	293	1	292	17.2	0.1	31.5
Ivano-Frankivska	373	10	363	27.2	1.5	50.3	138	0	138	10.1	0.0	19.1
Kyivska	769	10	759	43.6	1.2	79.7	231	0	231	13.1	0.0	24.2
Kirovohradska	418	7	411	44.5	1.6	81.2	183	1	182	19.5	0.2	36.0
Luhanska	279	2	277				108	0	108			
Lvivska	921	4	917	36.8	0.3	69.6	318	3	315	12.7	0.3	23.9
Mykolaivska	493	6	487	43.6	1.2	80.3	215	4	211	19.0	0.8	34.8
Odessa	758	5	753	32.0	0.5	60.1	254	4	250	10.7	0.4	19.9
Poltavska	573	6	567	41.2	0.9	75.6	253	2	251	18.2	0.3	33.5
Rivnenska	318	4	314	27.5	0.7	51.7	118	0	118	10.2	0.0	19.4
Sumska	484	3	481	44.9	0.6	82.4	203	1	202	18.8	0.2	34.6
Ternopilaska	356	4	352	34.1	0.8	63.4	129	1	128	12.4	0.2	23.1
Kharkivska	955	8	947	35.9	0.7	66.4	483	7	476	18.2	0.6	33.4
Khersonska	423	8	415	40.8	1.7	74.8	172	3	169	16.6	0.6	30.4
Khmelnyska	494	7	487	39.2	1.2	72.1	193	2	191	15.3	0.3	28.3
Cherkaska	458	4	454	38.1	0.7	69.8	215	3	212	17.9	0.5	32.6
Chernivetska	204	2	202	22.6	0.5	42.4	118	1	117	13.1	0.2	24.5
Chernihivska	388	5	383	38.9	1.1	70.5	147	2	145	14.7	0.4	26.7
Kyiv city	1501	14	1487	51.6	1.0	95.1	459	3	456	15.8	0.2	29.2
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post-mortem	Received anti-cancer treatment, %	Microscopically verified, %	During the preventive examination, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined								
<b>Ukraine</b>	<b>20.6</b>	<b>52.7</b>	<b>15.2</b>	<b>8.9</b>	<b>2.4</b>	<b>9.4</b>		<b>79.4</b>	<b>91.9</b>	<b>45.4</b>	<b>428.3</b>	<b>5.6</b>	<b>795.4</b>
AR Krym													
Vinnyska	33.0	55.9	6.0	4.8	0.0	7.3	0	71.6	71.9	62.0	415.6	4.6	769.8
Volynska	15.3	65.2	8.7	10.1	0.3	9.1	0	86.4	99.3	22.0	316.0	2.1	596.8
Dnipropetrovska	17.5	52.4	21.1	7.3	1.3	13.1	4	66.7	93.5	40.0	441.8	4.7	809.3
Donetska	14.1	51.7	20.1	11.9	2.0			75.9	90.7	31.0			
Zhytomyrska	25.7	40.2	19.6	13.7	0.0	7.5	1	83.5	99.5	48.6	379.3	3.9	706.0
Zakarpatska	16.4	50.7	17.5	15.0	0.0	7.6	0	76.6	91.1	49.3	266.3	3.8	509.4
Zaporizka	19.5	54.9	18.5	5.9	0.8	12.2	1	75.6	92.6	61.1	443.5	3.7	812.9
Ivano-Frankivska	15.0	56.9	20.1	7.6	0.0	7.0	1	74.8	88.7	15.3	286.0	5.9	537.4
Kyivska	22.6	51.1	17.5	8.0	0.3	8.0	0	76.8	81.3	51.4	464.6	6.4	853.7
Kirovohradska	19.9	57.9	13.1	9.1	0.0	10.5	0	73.0	91.4	38.5	431.6	6.2	795.4
Luhanska	20.6	48.5	19.1	9.5	1.9			84.0	96.1	45.0			
Lvivska	26.6	47.2	17.1	6.6	2.2	6.5	0	82.8	87.3	48.8	377.0	5.2	712.0
Mykolaivska	24.1	60.2	7.1	8.2	0.0	7.3	1	89.5	93.3	46.2	513.6	5.9	952.0
Odessa	19.5	44.4	18.9	11.0	6.0	8.4	3	85.3	87.3	8.3	472.7	7.4	886.6
Poltavska	19.4	48.0	19.6	12.5	0.4	10.9	2	71.6	95.6	33.6	440.3	5.9	812.2
Rivnenska	17.6	45.2	21.8	13.5	1.6	10.9	0	76.6	95.6	39.4	298.0	5.8	562.4
Sumska	19.3	65.4	4.1	4.8	6.5	7.3	0	77.7	89.5	55.4	479.9	6.1	881.7
Ternopilaska	10.9	60.6	13.8	13.8	0.9	10.3	0	87.6	94.7	48.5	322.0	4.7	600.9
Kharkivska	15.4	56.4	9.4	7.6	11.1	11.5	5	77.5	99.2	52.3	514.3	5.7	953.5
Khersonska	21.0	50.9	15.9	9.4	2.3	11.8	3	88.4	96.5	40.8	467.3	7.1	866.1
Khmelnyska	15.6	72.6	4.9	7.0	0.0	8.9	0	82.9	90.7	45.6	415.0	4.6	770.8
Cherkaska	17.9	56.5	13.9	10.3	0.7	9.0	3	83.0	90.8	39.5	474.1	9.8	868.4
Chernivetska	16.2	50.0	19.7	11.6	1.5	10.7	2	85.4	88.2	24.2	311.2	5.2	583.8
Chernihivska	22.3	52.4	14.8	9.2	1.4	6.9	0	90.5	94.8	46.8	419.0	4.0	765.2
Kyiv city	28.1	44.2	14.5	8.6	4.2	8.7	30	86.0	97.6	71.7	559.3	7.4	1033.9
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		15017	145	14872
Incidence (crude rate)		41.9	0.9	77.5
Incidence (age-standardized, world standard)		25.8	0.6	45.3
Incidence (age-standardized, Ukrainian standard)		38.4	1.0	65.9
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		3.3% ↑↑	35.1% ↑	3.3% ↑↑
Mortality: number of new cases*		5726	47	5679
Mortality (crude rate)		16.0	0.3	29.6
Mortality (age-standardized, world standard)		8.7	0.2	14.8
Mortality (age-standardized, Ukrainian standard)		14.2	0.3	23.4
Lived less than 1 year since the diagnosis in 2018, %		9.4	12.4	9.4
From among the newly diagnosed – diagnosed post mortem, %		0.4	0.0	0.4
Microscopically verified diagnoses, %		92.8	93.1	92.8
Diagnoses verified with histology, %		85.3	77.2	85.4
Unspecified morphology, %		5.9	11.1	5.9
Patients diagnosed during the preventive medical examinations, %		43.5	29.7	43.6
Newly diagnosed patients received the anti-cancer treatment, %		82.8	76.7	82.8
- surgical treatment only, %		15.3	21.7	15.2
- treatment combined or complex, %		52.2	41.1	52.3
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*	-	-	-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>11.4</b>		<b>21.3</b>	<b>7.9</b>		<b>14.7</b>	<b>10.6</b>		<b>19.3</b>	<b>4.4</b>		<b>8.2</b>	<b>2.8</b>		<b>5.1</b>	<b>4.0</b>		<b>7.1</b>
AR Krym																		
Vinnitska	10.1		18.7	7.2		13.5	9.6		17.7	4.9		9.1	3.1		5.5	4.4		7.9
Volynska	9.3		17.6	6.9		13.1	9.0		16.8	4.3		8.2	3.2		5.8	4.6		8.2
Dnipropetrovska	11.2		20.6	7.5		13.6	10.3		18.2	5.0		9.2	3.0		5.3	4.5		7.6
Donetska																		
Zhytomyrska	14.9		27.8	11.2		21.4	14.1		26.6	5.8		10.8	3.8		6.9	5.5		9.8
Zakarpatska	11.6		22.4	8.9		16.8	12.0		22.4	4.4		8.4	3.2		6.0	4.6		8.4
Zaporizka	8.9		16.4	5.9		10.7	8.0		14.2	3.9		7.2	2.3		4.0	3.5		5.9
Ivano-Frankivska	10.6		20.0	7.6		14.3	10.2		18.9	3.9		7.5	2.8		5.1	3.9		7.1
Kyivska	11.3		21.0	8.1		14.9	10.5		19.2	4.6		8.6	3.0		5.4	4.2		7.3
Kirovohradska	17.9		33.2	12.8		23.8	16.9		30.9	5.4		10.0	3.6		6.6	5.0		8.9
Luhanska																		
Lvivska	12.1		23.0	8.6		16.3	11.5		21.3	3.8		7.3	2.6		4.7	3.7		6.6
Mykolaiivska	12.3		22.9	8.4		15.4	11.2		20.1	3.1		5.7	1.9		3.5	2.9		5.0
Odesska	10.7		20.2	7.5		13.9	10.1		18.4	3.5		6.6	2.3		4.3	3.2		5.8
Poltavska	12.2		22.6	8.1		15.1	10.7		19.6	6.1		11.2	3.6		6.6	5.0		9.0
Rivnenska	10.8		20.5	8.5		16.1	11.0		20.7	3.5		6.7	2.6		4.8	3.4		6.2
Sumska	13.0		24.0	8.5		15.7	11.2		20.3	4.4		8.1	2.6		4.6	3.7		6.5
Ternopil'ska	10.7		20.1	7.6		14.4	10.2		18.8	4.2		7.9	2.6		4.7	3.8		6.8
Kharkivska	10.9		20.3	7.3		13.3	9.8		17.7	3.7		7.0	2.3		4.1	3.4		5.9
Khersonska	11.0		20.5	7.6		14.1	10.2		18.5	5.7		10.7	4.0		7.4	5.3		9.6
Khmelnitska	12.4		23.2	8.7		16.3	11.7		21.6	6.0		11.2	3.9		7.1	5.3		9.6
Cherkaska	12.3		22.8	8.2		15.2	10.9		19.9	4.6		8.5	2.7		4.9	3.9		6.9
Chernivetska	9.1		17.2	6.4		11.9	9.0		16.3	4.8		9.0	3.0		5.4	4.6		8.0
Chernihivska	11.4		20.8	8.1		15.2	10.5		19.4	4.7		8.5	2.8		5.2	3.8		6.8
Kyiv city	11.2		20.9	7.2		12.9	10.3		18.0	3.6		6.6	2.2		3.8	3.3		5.6
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>10.1</b>		<b>18.9</b>				<b>4.3</b>		<b>8.0</b>
AR Krym												
Vinnyska	119		119	7.7		14.3	51		51	3.3		6.1
Volynska	75		75	7.3		13.8	34		34	3.3		6.2
Dnipropetrovska	347		347	10.8		19.9	131		131	4.1		7.5
Donetska	163		163				81		81			
Zhytomyrska	152		152	12.5		23.3	63		63	5.2		9.7
Zakarpatska	132		132	10.5		20.3	47		47	3.8		7.2
Zaporizka	146		146	8.6		15.8	66		66	3.9		7.1
Ivano-Frankivska	122		122	8.9		16.9	62		62	4.5		8.6
Kyivska	226		226	12.8		23.7	82		82	4.7		8.6
Kirovohradska	168		168	17.9		33.2	55		55	5.9		10.9
Luhanska	78		78				41		41			
Lvivska	264		264	10.5		20.1	108		108	4.3		8.2
Mykolaivska	138		138	12.2		22.8	52		52	4.6		8.6
Odessa	188		188	7.9		15.0	81		81	3.4		6.5
Poltavska	165		165	11.9		22.0	75		75	5.4		10.0
Rivnenska	106		106	9.2		17.5	40		40	3.5		6.6
Sumska	115		115	10.7		19.7	60		60	5.6		10.3
Ternopil'ska	101		101	9.7		18.2	47		47	4.5		8.5
Kharkivska	235		235	8.8		16.5	113		113	4.3		7.9
Khersonska	124		124	12.0		22.3	56		56	5.4		10.1
Khmelnyska	170		170	13.5		25.2	59		59	4.7		8.7
Cherkaska	135		135	11.2		20.8	52		52	4.3		8.0
Chernivetska	56		56	6.2		11.8	35		35	3.9		7.3
Chernihivska	98		98	9.8		18.0	50		50	5.0		9.2
Kyiv city	235		235	8.1		15.0	105		105	3.6		6.7
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>37.3</b>	<b>32.3</b>	<b>17.6</b>	<b>7.9</b>	<b>4.5</b>	<b>15.2</b>		<b>76.4</b>	<b>97.3</b>	<b>43.2</b>	<b>154.1</b>		<b>287.9</b>
AR Krym													
Vinnyska	37.0	38.9	11.1	11.1	0.0	13.3	0	73.1	98.3	40.7	179.5		334.2
Volynska	15.1	63.0	15.1	5.5	1.4	17.0	0	84.9	100.0	21.9	191.7		363.0
Dnipropetrovska	37.2	24.9	22.8	12.0	2.7	21.0	4	66.1	97.4	30.3	137.4		252.8
Donetska	30.2	34.0	23.9	9.4	2.5			64.8	96.9	27.0			
Zhytomyrska	41.8	22.6	24.0	11.6	0.0	14.5	1	82.9	100.0	56.8	199.8		373.6
Zakarpatska	20.3	37.5	36.7	3.1	1.6	16.8	2	72.7	99.2	48.4	147.7		284.5
Zaporizka	30.6	29.9	20.8	14.6	4.2	20.3	3	67.4	97.3	35.4	113.8		209.4
Ivano-Frankivska	28.1	40.5	19.0	10.7	1.7	9.3	0	77.7	100.0	18.2	126.5		240.0
Kyivska	52.8	16.2	20.4	10.6	0.0	17.5	0	81.0	98.7	48.6	171.3		316.8
Kirovohradska	51.6	22.0	21.4	4.4	0.6	9.0	0	80.5	95.8	32.7	191.2		354.8
Luhanska	22.2	25.0	23.6	16.7	12.5			52.8	93.6	36.1			
Lvivska	51.4	29.2	10.5	5.1	3.1	14.2	0	88.3	99.2	58.4	170.0		323.1
Mykolaivska	35.1	47.3	13.7	3.8	0.0	16.8	0	78.6	96.4	54.2	164.8		307.1
Odessa	29.7	22.7	20.0	14.6	12.4	16.6	0	74.1	89.4	6.5	168.9		319.2
Poltavska	25.8	47.8	17.6	6.3	1.9	11.7	1	77.4	93.9	45.9	161.1		299.0
Rivnenska	42.3	32.7	13.5	4.8	4.8	10.6	0	73.1	91.5	50.0	145.5		277.1
Sumska	45.5	40.0	7.3	4.5	2.7	9.0	0	71.8	99.1	70.9	153.7		284.1
Ternopil'ska	45.4	28.9	13.4	10.3	0.0	4.5	1	84.5	99.0	58.8	164.5		309.1
Kharkivska	27.9	38.5	8.0	3.1	22.6	15.6	1	69.0	100.0	72.6	134.9		251.4
Khersonska	33.9	33.9	18.6	11.0	0.8	21.5	1	86.4	97.6	39.0	148.2		276.7
Khmelnyska	40.7	45.7	10.5	1.2	1.9	18.1	0	84.0	96.5	42.6	150.4		280.8
Cherkaska	54.6	26.2	15.4	3.1	0.8	17.8	0	76.9	99.3	47.7	194.6		360.0
Chernivetska	20.4	40.7	22.2	11.1	5.6	22.2	0	81.5	89.3	22.2	153.9		290.9
Chernihivska	29.2	24.0	28.1	9.4	8.3	14.3	0	81.3	94.9	26.0	133.2		244.3
Kyiv city	41.1	31.3	11.7	4.2	11.7	13.6	8	81.3	100.0	57.0	121.5		225.9
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		6923		6923
Incidence (crude rate)		19.3		36.1
Incidence (age-standardized, world standard)		11.5		20.0
Incidence (age-standardized, Ukrainian standard)		17.6		30.0
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		1.9%		1.9%
		~		~
Mortality: number of new cases*		1614		1614
Mortality (crude rate)		4.5		8.4
Mortality (age-standardized, world standard)		2.4		3.9
Mortality (age-standardized, Ukrainian standard)		4.1		6.7
Lived less than 1 year since the diagnosis in 2018, %		10.2		10.2
From among the newly diagnosed – diagnosed post mortem, %		0.6		0.6
Microscopically verified diagnoses, %		97.9		97.9
Diagnoses verified with histology, %		96.4		96.4
Unspecified morphology, %		1.9		1.9
Patients diagnosed during the preventive medical examinations, %		35.7		35.7
Newly diagnosed patients received the anti-cancer treatment, %		84.8		84.8
- surgical treatment only, %		32.3		32.3
- treatment combined or complex, %		46.8		46.8
Incidence of children population (age 0-17 years):	cases*	-		-
	rate per 100 000 of children population	-		-
Mortality of children population (age 0-17 years):	cases*	-		-
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>19.3</b>		<b>36.1</b>	<b>11.5</b>		<b>20.0</b>	<b>17.6</b>		<b>30.0</b>	<b>4.5</b>		<b>8.4</b>	<b>2.4</b>		<b>3.9</b>	<b>4.1</b>		<b>6.7</b>
AR Krym																		
Vinnitska	18.9		35.2	11.1		19.6	16.7		28.9	4.9		9.1	2.3		3.8	4.2		6.9
Volynska	14.9		28.2	10.3		18.4	15.3		26.8	3.1		5.9	2.1		3.7	3.2		5.6
Dnipropetrovska	18.6		34.2	10.7		18.1	16.3		27.1	4.2		7.6	2.0		3.3	3.5		5.6
Donetska																		
Zhytomyrska	21.0		39.3	13.1		23.2	19.2		33.3	4.8		9.0	2.4		3.9	4.3		6.9
Zakarpatska	12.4		23.8	8.7		15.5	13.2		23.3	3.7		7.2	2.4		4.0	4.2		6.9
Zaporizka	22.6		41.6	12.7		21.8	19.4		32.6	5.6		10.3	2.6		4.2	4.6		7.3
Ivano-Frankivska	15.2		28.9	9.7		17.2	15.0		26.2	3.9		7.3	2.3		4.0	3.9		6.6
Kyivska	20.9		38.7	12.7		22.1	19.3		32.9	4.6		8.5	2.6		4.2	4.3		6.9
Kirovohradska	24.3		45.1	14.2		24.8	21.4		36.5	3.4		6.3	1.7		3.0	2.6		4.4
Luhanska																		
Lvivska	19.1		36.3	12.0		21.5	18.0		31.7	3.9		7.3	2.2		3.6	3.9		6.4
Mykolaiivska	17.9		33.3	10.3		17.7	15.4		26.0	3.9		7.2	2.0		3.2	3.6		5.6
Odesska	15.2		28.7	9.3		16.0	14.3		24.3	3.7		7.0	2.1		3.4	3.5		5.7
Poltavska	22.3		41.4	12.4		21.6	18.9		32.2	6.6		12.3	3.3		5.6	5.4		8.9
Rivnenska	13.8		26.3	9.6		17.0	14.4		25.1	3.5		6.7	2.3		4.0	3.8		6.4
Sumska	21.3		39.4	11.6		20.1	17.8		30.2	5.9		10.8	2.9		4.7	5.1		8.3
Ternopil'ska	17.3		32.4	11.1		19.9	16.5		29.1	5.2		9.9	2.8		4.8	4.8		8.1
Kharkiv'ska	22.0		40.9	12.0		20.4	19.1		31.6	5.2		9.7	2.4		3.9	4.4		7.0
Kherson'ska	18.8		35.0	11.3		19.8	16.8		28.8	4.2		7.9	2.4		4.1	3.9		6.5
Khmelnitska	19.7		36.7	11.3		19.7	17.2		29.5	5.1		9.5	2.7		4.6	4.6		7.6
Cherkaska	21.5		39.7	12.0		20.9	18.5		31.6	4.9		9.0	2.3		3.9	3.8		6.3
Chernivetska	16.7		31.6	10.8		19.0	16.5		28.5	3.8		7.1	2.3		3.9	4.1		6.7
Chernihiv'ska	19.7		36.1	10.6		18.2	16.9		28.3	4.1		7.4	2.1		3.5	3.8		6.1
Kyiv city	23.8		44.2	14.3		24.5	22.2		37.4	4.8		8.9	2.6		4.3	4.6		7.6
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>18.2</b>		<b>34.1</b>				<b>4.2</b>		<b>7.8</b>
AR Krym												
Vynnytska	284		284	18.3		34.0	74		74	4.8		8.9
Volynska	160		160	15.5		29.4	39		39	3.8		7.2
Dnipropetrovska	568		568	17.7		32.6	133		133	4.2		7.6
Donetska	254		254				71		71			
Zhytomyrska	219		219	17.9		33.5	46		46	3.8		7.1
Zakarpatska	132		132	10.5		20.3	44		44	3.5		6.8
Zaporizka	325		325	19.1		35.1	74		74	4.3		8.0
Ivano-Frankivska	216		216	15.8		29.9	39		39	2.9		5.4
Kyivska	350		350	19.9		36.7	69		69	3.9		7.2
Kirovohradska	216		216	23.0		42.7	34		34	3.6		6.7
Luhanska	114		114				37		37			
Lvivska	477		477	19.1		36.2	112		112	4.5		8.5
Mykolaivska	164		164	14.5		27.0	44		44	3.9		7.3
Odessa	321		321	13.6		25.6	62		62	2.6		4.9
Poltavska	291		291	20.9		38.8	79		79	5.7		10.5
Rivnenska	173		173	15.0		28.5	24		24	2.1		4.0
Sumska	248		248	23.0		42.5	51		51	4.7		8.7
Ternopil'ska	172		172	16.5		31.0	39		39	3.7		7.0
Kharkivska	496		496	18.7		34.8	124		124	4.7		8.7
Khersonska	199		199	19.2		35.9	57		57	5.5		10.3
Khmelnyska	264		264	20.9		39.1	65		65	5.2		9.6
Cherkaska	236		236	19.6		36.3	59		59	4.9		9.1
Chernivetska	132		132	14.7		27.7	39		39	4.3		8.2
Chernihivska	225		225	22.6		41.4	46		46	4.6		8.5
Kyiv city	638		638	21.9		40.8	142		142	4.9		9.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>68.5</b>	<b>11.2</b>	<b>8.5</b>	<b>4.0</b>	<b>2.9</b>	<b>10.2</b>		<b>81.6</b>	<b>97.4</b>	<b>37.9</b>	<b>224.5</b>		<b>419.5</b>
AR Krym													
Vynnytska	65.2	13.7	9.4	6.3	0.0	8.0	0	77.3	95.1	25.0	258.5		481.3
Volynska	69.4	15.3	6.3	6.9	0.0	11.6	1	84.7	99.4	33.3	197.8		374.6
Dnipropetrovska	71.7	10.6	11.6	3.6	1.6	11.2	6	75.9	97.5	18.1	196.5		361.6
Donetska	64.5	12.1	11.7	7.4	1.3			72.3	96.9	32.0			
Zhytomyrska	73.5	8.0	11.0	4.5	1.0	8.3	0	92.0	99.5	42.5	208.8		390.4
Zakarpatska	68.9	12.6	10.9	4.2	0.0	15.0	0	83.2	94.7	70.6	128.6		247.8
Zaporizka	75.7	6.6	6.6	3.3	2.3	9.8	1	69.8	97.8	33.6	236.8		435.8
Ivano-Frankivska	73.7	9.1	8.6	2.9	1.0	9.1	0	87.1	99.5	7.2	168.3		319.3
Kyivska	75.2	9.3	6.8	3.1	0.3	7.7	1	90.1	97.4	46.1	260.0		480.8
Kirovohradska	62.7	20.1	6.9	1.0	0.0	7.5	0	86.8	96.3	19.1	281.1		521.6
Luhanska	62.7	15.7	5.9	5.9	5.9			76.5	97.4	42.2			
Lvivska	68.6	8.4	8.4	3.8	3.2	9.9	1	90.3	97.3	42.7	207.9		395.2
Mykolaivska	60.1	22.9	7.8	3.3	0.7	17.3	1	83.7	97.6	48.4	215.5		401.6
Odessa	59.4	12.5	4.6	6.3	11.9	8.0	0	79.5	94.1	7.9	203.9		385.2
Poltavska	71.3	10.5	7.6	4.7	0.4	11.3	0	75.6	94.8	30.9	251.5		466.8
Rivnenska	56.8	17.3	6.8	6.8	4.3	9.8	0	79.6	94.8	36.4	174.9		333.2
Sumska	74.6	10.3	6.9	3.0	1.7	6.3	0	87.5	97.2	45.7	246.5		455.5
Ternopil'ska	73.0	6.9	10.1	4.4	0.0	8.8	1	91.2	99.4	48.4	250.9		471.5
Kharkivska	64.7	15.5	7.8	3.1	4.6	13.0	0	68.8	97.4	55.3	259.2		483.0
Khersonska	62.6	9.5	9.5	7.8	3.4	10.2	2	74.9	99.0	29.6	210.3		392.5
Khmelnyska	67.4	16.1	7.0	2.1	0.0	9.0	0	83.1	96.2	29.8	216.6		404.5
Cherkaska	77.9	5.1	8.8	1.8	1.8	12.1	2	87.1	97.5	26.7	237.4		439.0
Chernivetska	62.3	8.2	13.9	3.3	6.6	9.6	1	87.7	95.5	14.8	191.3		361.6
Chernihivska	65.0	12.8	9.4	3.9	4.4	10.8	3	92.6	99.6	33.0	255.1		468.0
Kyiv city	69.5	6.2	8.6	2.1	7.7	9.8	16	82.7	99.8	81.6	269.6		501.4
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		3539		3539
Incidence (crude rate)		9.9		18.4
Incidence (age-standardized, world standard)		6.3		11.3
Incidence (age-standardized, Ukrainian standard)		9.0		15.8
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		3.8% ~~		3.5% ~~
Mortality: number of new cases*		1808		1808
Mortality (crude rate)		5.0		9.4
Mortality (age-standardized, world standard)		2.9		5.1
Mortality (age-standardized, Ukrainian standard)		4.6		7.8
Lived less than 1 year since the diagnosis in 2018, %		24.6		24.6
From among the newly diagnosed – diagnosed post mortem, %		1.0		1.0
Microscopically verified diagnoses, %		88.7		88.7
Diagnoses verified with histology, %		77.8		77.8
Unspecified morphology, %		8.5		8.5
Patients diagnosed during the preventive medical examinations, %		17.4		17.4
Newly diagnosed patients received the anti-cancer treatment, %		78.2		78.2
- surgical treatment only, %		14.1		14.1
- treatment combined or complex, %		49.5		49.5
Incidence of children population (age 0-17 years):	cases*	15		15
	rate per 100 000 of children population	0.2		0.5
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 Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>9.9</b>		<b>18.4</b>	<b>6.3</b>		<b>11.3</b>	<b>9.0</b>		<b>15.8</b>	<b>5.0</b>		<b>9.4</b>	<b>2.9</b>		<b>5.1</b>	<b>4.6</b>		<b>7.8</b>
AR Krym																		
Vinnitska	8.7		16.1	5.5		9.9	7.6		13.5	4.8		8.9	2.7		4.7	4.3		7.3
Volynska	8.6		16.3	6.0		10.7	9.2		15.9	3.5		6.6	2.5		4.5	3.9		6.7
Dnipropetrovska	9.0		16.5	5.7		10.1	7.9		13.7	5.4		9.9	3.1		5.2	4.7		7.8
Donetska																		
Zhytomyrska	7.3		13.7	5.0		9.2	7.0		12.5	3.9		7.3	2.5		4.3	3.8		6.5
Zakarpatska	7.2		13.8	5.3		9.9	7.4		13.5	4.7		9.1	3.3		6.0	5.1		9.0
Zaporizka	11.9		21.9	7.0		12.5	10.1		17.5	5.7		10.5	2.9		4.9	4.8		7.8
Ivano-Frankivska	9.1		17.3	6.1		11.1	9.0		15.9	5.5		10.5	3.3		5.8	5.4		9.2
Kyivska	9.8		18.1	6.5		11.7	9.2		16.1	4.2		7.7	2.5		4.2	3.9		6.5
Kirovohradska	13.3		24.6	8.5		15.4	11.6		20.7	7.5		13.9	4.0		7.0	6.2		10.4
Luhanska																		
Lvivska	10.2		19.5	6.6		11.9	9.7		17.2	5.2		9.9	3.2		5.6	5.0		8.6
Mykolaiivska	9.0		16.8	5.6		10.1	8.2		14.3	2.9		5.4	1.7		2.9	2.6		4.4
Odessa	8.4		15.8	5.5		9.9	8.0		14.1	3.5		6.6	2.2		3.9	3.5		6.0
Poltavska	10.2		18.9	6.3		11.4	9.2		16.1	5.7		10.6	3.1		5.4	4.8		8.1
Rivnenska	9.7		18.4	7.2		13.0	10.4		18.5	3.6		6.9	2.4		4.3	3.7		6.4
Sumska	11.7		21.7	7.0		12.5	9.9		17.4	5.4		10.0	3.0		5.1	4.9		8.1
Ternopil'ska	8.9		16.7	5.8		10.6	8.6		15.2	5.2		9.7	3.1		5.5	4.8		8.4
Kharkivska	10.5		19.5	6.5		11.6	9.3		16.1	6.1		11.4	3.5		6.1	5.6		9.4
Khersonska	10.7		20.0	6.8		12.1	9.6		16.8	4.9		9.1	2.8		4.8	4.3		7.3
Khmelnitska	9.6		17.9	6.0		10.9	8.4		14.9	5.0		9.4	2.8		4.9	4.4		7.4
Cherkaska	10.5		19.5	6.3		11.4	8.9		15.6	5.3		9.7	2.6		4.5	4.3		7.1
Chernivetska	7.9		14.9	5.4		9.8	7.7		13.5	4.9		9.2	3.0		5.3	4.9		8.2
Chernihivska	13.4		24.5	7.8		13.8	11.1		19.2	5.9		10.9	3.1		5.3	4.8		8.0
Kyiv city	11.5		21.4	7.3		12.9	10.8		18.6	5.9		10.9	3.5		6.0	5.6		9.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>9.3</b>		<b>17.3</b>				<b>4.7</b>		<b>8.7</b>
AR Krym												
Vinnyska	159		159	10.2		19.1	53		53	3.4		6.4
Volynska	97		97	9.4		17.8	60		60	5.8		11.0
Dnipropetrovska	298		298	9.3		17.1	162		162	5.1		9.3
Donetska	153		153				87		87			
Zhytomyrska	74		74	6.1		11.3	38		38	3.1		5.8
Zakarpatska	81		81	6.5		12.4	44		44	3.5		6.8
Zaporizka	121		121	7.1		13.1	87		87	5.1		9.4
Ivano-Frankivska	113		113	8.3		15.7	76		76	5.6		10.5
Kyivska	175		175	9.9		18.4	80		80	4.5		8.4
Kirovohradska	88		88	9.4		17.4	43		43	4.6		8.5
Luhanska	60		60				21		21			
Lvivska	268		268	10.7		20.4	111		111	4.4		8.4
Mykolaivska	104		104	9.2		17.1	47		47	4.2		7.8
Odessa	177		177	7.5		14.1	55		55	2.3		4.4
Poltavska	164		164	11.8		21.9	91		91	6.5		12.1
Rivnenska	100		100	8.7		16.5	42		42	3.6		6.9
Sumska	116		116	10.8		19.9	46		46	4.3		7.9
Ternopil'ska	74		74	7.1		13.3	46		46	4.4		8.3
Kharkivska	283		283	10.6		19.8	155		155	5.8		10.9
Khersonska	102		102	9.8		18.4	53		53	5.1		9.6
Khmelnyska	118		118	9.4		17.5	55		55	4.4		8.1
Cherkaska	131		131	10.9		20.1	72		72	6.0		11.1
Chernivetska	70		70	7.8		14.7	40		40	4.4		8.4
Chernihivska	97		97	9.7		17.8	59		59	5.9		10.9
Kyiv city	302		302	10.4		19.3	145		145	5.0		9.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>24.9</b>	<b>10.0</b>	<b>41.2</b>	<b>15.7</b>	<b>6.6</b>	<b>24.6</b>		<b>79.1</b>	<b>87.4</b>	<b>17.9</b>	<b>81.3</b>		<b>152.0</b>
AR Krym													
Vinnyska	32.0	14.7	36.0	16.7	0.7	19.5	1	80.0	86.8	8.0	86.6		161.2
Volynska	29.0	12.9	36.6	17.2	1.1	25.9	0	88.2	94.8	24.7	78.3		148.2
Dnipropetrovska	19.1	10.3	41.5	22.3	5.3	27.1	1	82.6	91.9	11.3	67.8		124.7
Donetska	17.7	9.2	45.4	20.6	6.4			70.9	71.9	11.3			
Zhytomyrska	19.7	12.1	33.3	27.3	0.0	16.1	0	92.4	100.0	21.2	72.0		134.6
Zakarpatska	19.4	4.2	55.6	19.4	0.0	28.6	0	76.4	79.0	8.3	53.5		103.1
Zaporizka	31.8	7.3	34.5	17.3	6.4	30.2	2	75.5	90.9	14.5	81.2		149.4
Ivano-Frankivska	15.2	17.1	48.6	15.2	2.9	26.7	0	84.8	91.2	2.9	57.3		108.7
Kyivska	27.2	13.3	43.7	15.2	0.0	15.1	0	84.2	82.3	25.9	100.7		186.3
Kirovohradska	34.9	7.2	42.2	13.3	0.0	24.6	4	74.7	71.6	10.8	94.9		176.0
Luhanska	22.8	8.8	45.6	22.8	0.0			73.7	95.0	10.5			
Lvivska	34.9	6.8	39.8	8.8	8.4	21.6	0	84.7	92.2	15.3	85.8		163.1
Mykolaivska	27.8	7.2	44.3	16.5	2.1	15.5	0	73.2	87.5	23.7	79.1		147.4
Odessa	21.5	5.5	41.7	20.9	9.2	15.4	0	77.9	87.6	4.3	84.7		160.0
Poltavska	28.9	9.2	42.1	13.8	2.6	29.4	0	77.0	86.6	25.7	81.6		151.4
Rivnenska	15.9	10.2	52.3	9.1	10.2	23.5	0	86.4	79.0	12.5	75.2		143.2
Sumska	22.9	10.5	42.9	12.4	10.5	21.7	0	72.4	86.2	26.7	96.3		177.9
Ternopil'ska	14.5	11.6	44.9	26.1	0.0	25.0	1	81.2	91.9	21.7	85.0		159.7
Kharkivska	18.0	12.4	32.7	12.4	23.3	30.3	2	64.7	81.3	21.1	91.4		170.3
Khersonska	25.3	7.4	38.9	28.4	0.0	23.6	1	75.8	81.4	27.4	70.5		131.5
Khmelnyska	21.4	17.9	49.1	4.5	1.8	20.7	1	90.2	93.2	19.6	77.9		145.5
Cherkaska	33.3	9.2	40.8	9.2	5.0	25.9	2	80.8	82.4	20.0	98.4		181.9
Chernivetska	25.0	0.0	42.2	15.6	15.6	34.3	1	82.8	90.0	7.8	62.9		118.9
Chernihivska	35.3	4.7	32.9	24.7	2.4	27.9	2	82.4	91.8	14.1	87.2		160.0
Kyiv city	26.2	10.7	40.9	8.3	12.7	29.1	14	78.6	95.0	37.7	88.4		164.4
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		7936	7936	
Incidence (crude rate)		22.1	47.6	
Incidence (age-standardized, world standard)		11.0	29.8	
Incidence (age-standardized, Ukrainian standard)		20.4	56.8	
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		5.6% ↑↑	5.3% ↑↑	
Mortality: number of new cases*		3211	3211	
Mortality (crude rate)		9.0	19.3	
Mortality (age-standardized, world standard)		4.1	11.6	
Mortality (age-standardized, Ukrainian standard)		8.1	23.3	
Lived less than 1 year since the diagnosis in 2018, %		14.4	14.4	
From among the newly diagnosed – diagnosed post mortem, %		0.5	0.5	
Microscopically verified diagnoses, %		89.2	89.2	
Diagnoses verified with histology, %		84.7	84.7	
Unspecified morphology, %		3.9	3.9	
Patients diagnosed during the preventive medical examinations, %		18.1	18.1	
Newly diagnosed patients received the anti-cancer treatment, %		74.0	74.0	
- surgical treatment only, %		20.7	20.7	
- treatment combined or complex, %		14.1	14.1	
Incidence of children population (age 0-17 years):	cases*	-	-	
	rate per 100 000 of children population	-	-	
Mortality of children population (age 0-17 years):	cases*	-	-	
	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, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>22.1</b>	<b>47.6</b>		<b>11.0</b>	<b>29.8</b>		<b>20.4</b>	<b>56.8</b>		<b>9.0</b>	<b>19.3</b>		<b>4.1</b>	<b>11.6</b>		<b>8.1</b>	<b>23.3</b>	
AR Krym																		
Vinnitska	21.4	46.2		10.1	26.8		18.8	51.7		9.8	21.1		4.1	11.6		8.2	23.5	
Volynska	16.7	35.4		9.8	26.9		18.4	52.6		7.5	16.0		4.2	11.8		8.2	24.1	
Dnipropetrovska	22.3	48.8		10.7	29.8		19.3	55.3		9.5	20.7		4.2	12.1		8.0	23.8	
Donetska																		
Zhytomyrska	17.7	38.1		9.0	24.2		16.4	45.7		8.3	17.8		3.8	10.8		7.4	21.6	
Zakarpatska	11.0	22.9		6.9	18.2		13.1	35.8		7.6	15.7		4.5	12.2		8.9	24.9	
Zaporizka	26.5	58.0		12.1	33.8		22.1	64.0		9.8	21.4		4.0	11.9		8.0	24.6	
Ivano-Frankivska	20.6	43.5		10.7	29.1		20.5	57.5		8.7	18.5		4.5	12.6		8.8	25.3	
Kyivska	19.4	42.2		10.0	27.3		18.3	52.2		9.3	20.3		4.5	12.8		8.7	25.4	
Kirovohradska	30.1	65.4		14.2	38.0		25.5	70.5		9.7	21.0		4.0	11.2		7.5	21.3	
Luhanska																		
Lvivska	23.9	50.4		13.0	33.7		23.8	63.5		7.7	16.3		3.8	10.4		7.5	20.9	
Mykolaiivska	20.8	44.9		9.9	27.3		18.5	52.7		5.5	11.9		2.6	7.3		5.0	14.5	
Odesska	23.1	49.0		12.2	32.2		22.4	60.5		6.2	13.3		3.0	8.4		6.0	16.8	
Poltavska	18.1	39.2		8.5	22.8		15.5	43.0		9.5	20.5		4.1	11.1		7.6	21.4	
Rivnenska	14.8	31.2		9.3	25.0		17.8	49.5		7.9	16.7		4.8	13.5		9.5	27.2	
Sumska	21.2	46.3		9.4	25.8		17.6	50.1		9.9	21.6		4.3	11.8		8.2	23.6	
Terнопil'ska	20.9	44.6		10.7	28.5		20.3	55.9		8.7	18.6		3.9	10.9		7.7	22.4	
Kharkivska	28.0	60.5		13.0	35.9		24.1	68.6		9.9	21.4		4.4	12.5		8.4	24.5	
Khersonska	27.5	59.2		13.3	36.5		24.1	68.3		10.8	23.3		4.9	13.8		9.4	27.8	
Khmelnitska	18.4	39.7		8.7	23.4		16.1	44.8		10.1	21.7		4.4	12.4		8.7	25.0	
Cherkaska	27.0	58.7		11.9	32.0		22.2	61.1		10.6	23.1		4.3	11.8		8.6	24.7	
Chernivetska	16.6	35.3		9.0	23.6		16.6	44.7		8.7	18.6		4.5	12.2		8.8	24.5	
Chernihivska	19.3	42.4		8.3	23.3		15.8	46.0		9.5	20.9		4.1	11.5		7.6	22.3	
Kyiv city	27.0	58.4		13.9	36.7		26.7	71.5		10.2	22.1		4.9	13.4		9.9	27.3	
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>20.7</b>	<b>44.6</b>					<b>9.0</b>	<b>19.3</b>	
AR Krym												
Vinnyska	375	375		24.1	52.2		167	167		10.8	23.2	
Volynska	165	165		16.0	33.9		90	90		8.7	18.5	
Dnipropetrovska	612	612		19.1	41.8		268	268		8.4	18.3	
Donetska	246	246					102	102				
Zhytomyrska	198	198		16.2	34.9		114	114		9.3	20.1	
Zakarpatska	138	138		11.0	22.9		79	79		6.3	13.1	
Zaporizka	393	393		23.1	50.5		180	180		10.6	23.1	
Ivano-Frankivska	285	285		20.8	44.0		138	138		10.1	21.3	
Kyivska	275	275		15.6	34.0		148	148		8.4	18.3	
Kirovohradska	248	248		26.4	57.3		107	107		11.4	24.7	
Luhanska	114	114					50	50				
Lvivska	493	493		19.7	41.5		172	172		6.9	14.5	
Mykolaivska	264	264		23.4	50.4		90	90		8.0	17.2	
Odessa	416	416		17.6	37.3		140	140		5.9	12.6	
Poltavska	272	272		19.5	42.3		131	131		9.4	20.4	
Rivnenska	150	150		13.0	27.3		80	80		6.9	14.6	
Sumska	243	243		22.5	49.1		112	112		10.4	22.6	
Ternopil'ska	223	223		21.4	45.7		73	73		7.0	15.0	
Kharkivska	667	667		25.1	54.1		273	273		10.3	22.2	
Khersonska	319	319		30.8	66.3		115	115		11.1	23.9	
Khmelnyska	237	237		18.8	40.5		102	102		8.1	17.4	
Cherkaska	313	313		26.0	56.7		126	126		10.5	22.8	
Chernivetska	129	129		14.3	30.4		88	88		9.8	20.7	
Chernihivska	202	202		20.3	44.5		96	96		9.6	21.2	
Kyiv city	781	781		26.8	58.1		310	310		10.7	23.0	
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>0.2</b>	<b>42.5</b>	<b>20.4</b>	<b>24.3</b>	<b>12.3</b>	<b>14.4</b>		<b>73.3</b>	<b>89.2</b>	<b>20.8</b>	<b>121.0</b>	<b>260.2</b>	
AR Krym													
Vinnyska	0.6	32.8	29.4	37.2	0.0	13.5	1	53.2	78.7	14.5	114.8	248.0	
Volynska	0.0	49.3	16.2	27.0	6.8	10.4	2	77.7	92.7	5.4	98.6	208.8	
Dnipropetrovska	0.2	56.6	10.1	24.6	8.4	17.2	0	55.3	94.3	2.1	98.1	214.7	
Donetska	1.3	32.1	19.2	22.8	23.2			63.8	80.5	13.8			
Zhytomyrska	0.0	30.5	15.8	37.3	15.8	13.2	0	42.4	87.4	13.0	81.9	176.0	
Zakarpatska	0.0	36.8	6.8	37.6	16.5	24.1	2	54.9	90.6	0.8	61.6	128.0	
Zaporizka	0.3	36.9	13.4	27.1	22.3	13.5	4	44.3	77.1	11.4	123.5	270.4	
Ivano-Frankivska	0.0	52.9	28.9	15.2	2.7	15.4	0	93.5	96.8	31.6	96.4	203.7	
Kyivska	0.0	51.9	7.7	22.3	18.1	13.8	0	63.8	80.0	11.2	104.7	228.0	
Kirovohradska	0.0	56.7	14.3	19.6	8.9	13.2	3	72.8	91.1	8.0	124.2	269.3	
Luhanska	0.0	24.8	21.0	41.9	12.4			68.6	93.0	7.6			
Lvivska	0.0	34.2	34.5	22.4	8.9	10.7	2	86.1	95.9	13.0	139.4	294.0	
Mykolaivska	0.0	41.3	38.0	20.2	0.4	13.4	5	90.1	90.5	22.3	161.1	347.7	
Odessa	1.3	38.8	15.0	19.3	25.1	9.7	0	63.2	91.6	4.3	149.4	317.3	
Poltavska	0.0	27.8	29.0	42.4	0.8	16.5	2	62.4	90.4	8.2	98.5	213.4	
Rivnenska	0.0	36.7	5.0	6.5	51.8	18.8	0	43.2	74.0	19.4	64.2	135.1	
Sumska	0.0	35.7	40.0	15.2	9.1	15.8	0	88.3	88.5	35.7	93.1	202.9	
Ternopil'ska	0.0	32.5	32.0	33.5	1.0	10.5	0	93.7	88.3	24.3	107.0	228.6	
Kharkivska	0.0	34.7	22.6	25.7	16.7	17.9	1	81.1	92.5	30.3	150.6	325.1	
Khersonska	0.0	59.7	12.4	26.5	1.4	11.2	0	79.2	97.2	70.3	205.2	441.9	
Khmelnyska	0.0	50.5	28.0	5.5	16.1	15.8	0	77.1	79.3	18.3	93.1	200.4	
Cherkaska	0.0	49.3	21.7	28.0	1.0	12.5	3	85.3	85.0	16.4	133.5	290.6	
Chernivetska	0.8	48.3	5.1	31.4	14.4	22.9	1	75.4	86.8	5.9	95.1	201.9	
Chernihivska	0.0	45.8	12.6	39.5	1.6	22.6	2	90.5	77.2	23.7	97.3	213.9	
Kyiv city	0.2	47.6	17.3	12.8	22.0	12.5	11	94.0	96.5	50.3	178.3	385.6	
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		4805	2790	2015
Incidence (crude rate)		13.4	16.7	10.5
Incidence (age-standardized, world standard)		8.3	11.5	6.0
Incidence (age-standardized, Ukrainian standard)		12.3	17.5	8.8
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		0.7% ~~	2.3% ~~	-1.4% ~~
Mortality: number of new cases*		1878	1271	607
Mortality (crude rate)		5.2	7.6	3.2
Mortality (age-standardized, world standard)		2.9	5.0	1.5
Mortality (age-standardized, Ukrainian standard)		4.8	8.4	2.5
Lived less than 1 year since the diagnosis in 2018, %		21.8	24.6	17.9
From among the newly diagnosed – diagnosed post mortem, %		1.0	0.9	1.1
Microscopically verified diagnoses, %		72.3	69.7	75.8
Diagnoses verified with histology, %		70.4	67.8	74.0
Unspecified morphology, %		6.2	6.3	6.2
Patients diagnosed during the preventive medical examinations, %		17.5	17.3	17.8
Newly diagnosed patients received the anti-cancer treatment, %		69.2	67.4	71.7
- surgical treatment only, %		58.0	55.8	61.2
- treatment combined or complex, %		7.4	7.1	7.8
Incidence of children population (age 0-17 years):	cases*	54	22	32
	rate per 100 000 of children population	0.8	0.6	1.0
Mortality of children population (age 0-17 years):	cases*	7	6	1
	rate per 100 000 of children population	0.1	0.2	0.0

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

Table 2 - Incidence and mortality, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>13.4</b>	<b>16.7</b>	<b>10.5</b>	<b>8.3</b>	<b>11.5</b>	<b>6.0</b>	<b>12.3</b>	<b>17.5</b>	<b>8.8</b>	<b>5.2</b>	<b>7.6</b>	<b>3.2</b>	<b>2.9</b>	<b>5.0</b>	<b>1.5</b>	<b>4.8</b>	<b>8.4</b>	<b>2.5</b>
AR Krym																		
Vinnitska	13.5	17.8	9.9	8.0	11.3	6.0	11.6	17.6	7.8	5.0	7.7	2.6	2.8	5.0	1.3	4.4	7.9	2.2
Volynska	15.1	19.2	11.3	10.3	15.0	7.0	15.8	22.8	11.0	5.0	7.8	2.6	3.3	5.9	1.6	5.5	10.2	2.6
Dnipropetrovska	12.3	14.5	10.6	7.6	10.2	5.8	11.1	14.8	8.7	5.4	7.7	3.4	2.8	4.8	1.5	4.6	8.2	2.5
Donetska																		
Zhytomyrska	11.8	13.6	10.2	7.3	9.1	6.0	10.6	13.5	8.6	5.4	8.4	2.7	3.0	5.6	1.3	5.1	9.6	2.3
Zakarpatska	10.0	11.8	8.4	7.3	9.5	5.6	10.9	14.5	8.3	3.5	5.0	2.2	2.4	3.9	1.3	4.0	6.8	2.2
Zaporizka	16.4	20.3	13.1	9.7	13.3	7.1	14.4	19.8	10.8	5.7	8.8	3.1	3.0	5.5	1.3	4.8	9.0	2.3
Ivano-Frankivska	9.6	11.7	7.7	6.6	8.4	5.3	9.9	13.4	7.6	4.6	7.4	2.1	2.8	5.4	1.2	5.0	10.2	1.9
Kyivska	13.9	16.4	11.8	9.0	11.4	7.2	12.7	16.6	10.1	5.8	8.6	3.4	3.3	5.7	1.9	5.3	9.4	2.9
Kirovohradska	15.9	16.0	15.8	8.3	9.6	7.4	13.4	16.0	11.8	6.0	8.7	3.7	3.0	5.4	1.4	4.8	8.8	2.3
Luhanska																		
Lvivska	12.1	15.8	8.8	8.0	11.5	5.3	11.9	17.2	7.9	3.8	4.2	3.4	2.1	2.7	1.7	3.5	4.6	2.8
Mykolaiivska	13.8	17.8	10.3	8.2	12.3	5.0	12.2	18.4	7.9	2.9	5.1	1.0	1.5	3.3	0.4	2.5	5.3	0.7
Odesska	10.9	14.1	8.0	7.1	10.4	4.6	10.3	15.5	6.8	3.8	5.4	2.3	2.2	3.7	1.2	3.5	5.9	1.9
Poltavska	13.7	18.4	9.8	7.8	11.5	5.1	11.5	17.1	7.6	7.4	11.4	4.0	4.0	6.8	2.2	6.5	11.5	3.5
Rivnenska	14.3	18.5	10.5	10.3	14.7	7.1	14.7	22.5	9.5	6.0	8.5	3.6	4.1	6.4	2.3	6.3	10.2	3.5
Sumska	15.8	18.0	13.9	8.7	11.0	7.2	13.1	17.1	10.7	6.2	9.6	3.4	3.1	6.1	1.2	5.4	10.5	2.2
Terнопil'ska	11.4	15.5	7.9	7.0	10.5	4.5	10.7	16.6	6.8	4.6	6.1	3.2	2.4	3.8	1.4	4.0	6.7	2.4
Kharkivska	16.7	21.5	12.5	9.8	14.2	6.8	14.9	21.9	10.4	6.3	8.8	4.1	3.4	5.8	1.8	5.5	9.3	3.0
Khersonska	13.0	15.7	10.7	7.5	10.6	5.4	11.8	16.7	8.6	5.2	6.4	4.1	3.1	4.7	1.8	4.8	6.6	3.3
Khmelnytska	15.7	19.8	12.2	9.6	12.9	7.5	14.0	20.1	10.1	6.4	10.3	2.9	3.6	6.7	1.5	5.9	11.4	2.5
Cherkaska	15.8	20.1	12.2	8.9	12.5	6.4	13.1	19.4	8.8	6.7	10.6	3.3	3.6	6.5	1.7	5.7	10.9	2.5
Chernivetska	8.3	12.0	5.0	5.8	8.3	4.2	8.0	13.4	4.6	3.9	6.6	1.5	2.2	4.4	0.7	3.4	7.0	1.1
Chernihivska	14.2	19.2	10.2	8.0	12.1	5.1	11.9	18.1	7.7	7.2	10.2	4.7	3.2	5.6	1.8	5.6	10.5	2.9
Kyiv city	13.7	17.2	10.6	8.4	11.8	6.2	12.9	18.8	9.0	5.1	6.8	3.7	2.7	4.5	1.6	4.7	7.5	2.9
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>				<b>12.6</b>	<b>15.5</b>	<b>10.1</b>				<b>5.0</b>	<b>7.0</b>	<b>3.2</b>
AR Krym												
Vinnyska	228	137	91	14.7	19.1	10.9	75	54	21	4.8	7.5	2.5
Volynska	147	92	55	14.2	18.9	10.1	58	41	17	5.6	8.4	3.1
Dnipropetrovska	412	210	202	12.9	14.4	11.6	162	103	59	5.1	7.0	3.4
Donetska	204	105	99				65	42	23			
Zhytomyrska	134	69	65	11.0	12.2	10.0	64	39	25	5.2	6.9	3.8
Zakarpatska	88	48	40	7.0	8.0	6.2	45	30	15	3.6	5.0	2.3
Zaporizka	217	132	85	12.7	17.0	9.2	88	60	28	5.2	7.7	3.0
Ivano-Frankivska	157	89	68	11.5	13.7	9.4	64	41	23	4.7	6.3	3.2
Kyivska	204	115	89	11.6	14.2	9.3	65	44	21	3.7	5.4	2.2
Kirovohradska	153	84	69	16.3	19.4	13.6	61	30	31	6.5	6.9	6.1
Luhanska	88	53	35				23	11	12			
Lvivska	369	222	147	14.7	18.7	11.2	96	65	31	3.8	5.5	2.4
Mykolaivska	144	70	74	12.7	13.4	12.2	51	26	25	4.5	5.0	4.1
Odessa	212	126	86	9.0	11.3	6.9	58	39	19	2.5	3.5	1.5
Poltavska	216	125	91	15.5	19.5	12.1	120	76	44	8.6	11.8	5.9
Rivnenska	139	71	68	12.0	12.9	11.2	45	30	15	3.9	5.5	2.5
Sumska	191	110	81	17.7	22.2	13.9	66	40	26	6.1	8.1	4.5
Ternopil'ska	123	73	50	11.8	15.0	9.0	63	46	17	6.0	9.4	3.1
Kharkivska	369	212	157	13.9	17.2	11.0	146	90	56	5.5	7.3	3.9
Khersonska	141	82	59	13.6	17.1	10.6	53	37	16	5.1	7.7	2.9
Khmelnyska	154	89	65	12.2	15.2	9.6	78	55	23	6.2	9.4	3.4
Cherkaska	145	84	61	12.1	15.2	9.4	68	46	22	5.7	8.3	3.4
Chernivetska	52	32	20	5.8	7.5	4.2	38	31	7	4.2	7.3	1.5
Chernihivska	182	112	70	18.3	24.7	12.9	64	46	18	6.4	10.1	3.3
Kyiv city	309	181	128	10.6	13.5	8.2	145	93	52	5.0	6.9	3.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂
<b>Ukraine</b>	<b>36.2</b>	<b>20.5</b>	<b>15.9</b>	<b>22.1</b>	<b>4.1</b>	<b>21.8</b>		<b>67.8</b>	<b>69.6</b>	<b>18.0</b>	<b>107.5</b>	<b>119.4</b>	<b>97.2</b>
AR Krym													
Vinnyska	44.3	23.8	10.0	20.5	0.0	23.2	0	61.0	58.3	16.2	110.7	121.4	101.4
Volynska	34.8	19.7	11.4	33.3	0.0	19.5	2	65.9	71.4	27.3	111.8	118.2	106.0
Dnipropetrovska	32.6	17.4	23.8	22.2	2.4	24.8	2	69.8	75.0	4.3	92.9	99.2	87.7
Donetska	23.1	22.0	26.9	24.7	1.6			67.7	65.7	12.9			
Zhytomyrska	56.1	13.0	4.1	24.4	0.0	29.3	0	81.3	81.3	27.6	104.9	112.5	98.3
Zakarpatska	38.3	16.0	14.8	27.2	2.5	24.8	3	69.1	76.1	2.5	63.1	66.5	59.9
Zaporizka	48.5	10.6	15.2	21.7	4.0	19.4	1	60.1	62.2	10.6	105.6	117.2	95.8
Ivano-Frankivska	26.9	29.0	15.9	24.8	1.4	18.0	0	63.4	61.8	12.4	83.3	90.2	77.0
Kyivska	34.8	23.0	17.1	25.1	0.0	23.8	1	69.0	70.6	7.0	112.0	120.6	104.7
Kirovohradska	40.0	25.4	10.8	20.0	1.5	21.5	2	52.3	52.9	12.3	104.7	103.2	105.9
Luhanska	38.7	14.7	22.7	18.7	5.3			73.3	87.5	30.7			
Lvivska	50.0	12.6	13.7	18.9	4.0	13.3	0	73.7	74.3	29.4	118.5	136.1	102.7
Mykolaivska	27.1	31.8	16.3	21.7	2.3	14.4	1	65.9	66.7	17.8	120.2	127.9	113.6
Odessa	39.6	14.1	11.5	22.9	10.9	11.2	0	71.4	69.3	0.5	110.3	126.6	95.8
Poltavska	33.2	16.3	15.3	32.1	1.0	29.1	0	65.8	56.5	10.2	119.5	133.1	107.8
Rivnenska	22.2	33.3	7.1	28.6	7.1	15.6	0	55.6	62.6	36.5	115.7	130.2	102.7
Sumska	36.9	26.7	16.5	10.8	9.1	19.2	0	59.1	54.5	26.7	139.5	158.1	123.6
Ternopil'ska	39.7	18.1	10.3	30.2	0.0	21.6	1	85.3	68.3	22.4	91.6	98.6	85.4
Kharkivska	33.9	20.8	17.8	13.7	12.3	28.7	4	69.9	84.0	7.9	109.7	125.9	95.6
Khersonska	28.0	24.0	10.4	36.0	0.8	21.7	5	67.2	68.8	10.4	106.3	113.3	100.2
Khmelnyska	21.7	32.2	35.7	9.8	0.0	27.5	6	79.7	68.8	14.7	111.6	118.8	105.4
Cherkaska	35.9	25.0	10.9	23.4	3.9	24.7	3	74.2	70.3	17.2	107.6	123.5	94.1
Chernivetska	14.9	31.9	21.3	25.5	4.3	26.8	0	57.4	71.2	8.5	72.8	91.9	55.8
Chernihivska	32.9	23.4	15.2	27.8	0.6	23.7	0	60.1	62.1	27.2	125.2	139.8	112.9
Kyiv city	40.1	16.0	14.3	14.8	12.7	21.1	13	68.4	82.5	59.1	121.1	141.9	103.2
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		4429	3578	851
Incidence (crude rate)		12.4	21.5	4.4
Incidence (age-standardized, world standard)		6.6	13.7	2.0
Incidence (age-standardized, Ukrainian standard)		11.2	24.1	3.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		4.4% ~~	1.4% ~~	15.1% ↑↑
Mortality: number of new cases*		1645	1384	261
Mortality (crude rate)		4.6	8.3	1.4
Mortality (age-standardized, world standard)		2.2	5.1	0.5
Mortality (age-standardized, Ukrainian standard)		4.1	9.6	1.0
Lived less than 1 year since the diagnosis in 2018, %		20.6	20.7	20.3
From among the newly diagnosed – diagnosed post mortem, %		0.9	1.0	0.7
Microscopically verified diagnoses, %		84.6	85.4	81.1
Diagnoses verified with histology, %		80.2	81.0	76.9
Unspecified morphology, %		6.2	6.1	6.5
Patients diagnosed during the preventive medical examinations, %		14.3	14.5	13.6
Newly diagnosed patients received the anti-cancer treatment, %		78.2	79.0	74.7
- surgical treatment only, %		46.3	46.7	44.5
- treatment combined or complex, %		26.8	27.1	25.6
Incidence of children population (age 0-17 years):	cases*	-	-	-
	rate per 100 000 of children population	-	-	-
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>12.4</b>	<b>21.5</b>	<b>4.4</b>	<b>6.6</b>	<b>13.7</b>	<b>2.0</b>	<b>11.2</b>	<b>24.1</b>	<b>3.4</b>	<b>4.6</b>	<b>8.3</b>	<b>1.4</b>	<b>2.2</b>	<b>5.1</b>	<b>0.5</b>	<b>4.1</b>	<b>9.6</b>	<b>1.0</b>
AR Krym																		
Vinnitska	14.3	24.1	5.8	7.5	15.1	2.2	12.7	26.1	4.0	6.1	11.3	1.5	2.6	6.4	0.4	4.9	12.4	0.8
Volynska	9.3	16.0	3.3	5.9	12.0	2.0	9.6	20.4	3.1	3.3	5.5	1.3	2.2	4.5	0.7	3.8	7.9	1.1
Dnipropetrovska	11.8	21.0	4.1	6.1	13.3	1.7	10.2	22.9	2.9	4.8	8.7	1.5	2.3	5.3	0.7	4.2	10.3	1.1
Donetska																		
Zhytomyrska	10.2	16.6	4.7	5.5	10.9	2.0	9.2	18.6	3.4	4.7	8.4	1.5	2.5	5.5	0.6	4.4	10.0	1.2
Zakarpatska	6.5	11.8	1.7	4.4	9.2	1.0	7.4	16.4	1.6	3.1	5.3	1.1	2.0	4.1	0.7	3.4	7.2	1.0
Zaporizka	17.9	32.3	5.8	8.5	19.0	2.3	15.2	34.8	4.4	5.7	10.2	1.9	2.4	5.5	0.7	4.7	11.3	1.5
Ivano-Frankivska	10.3	18.6	2.9	6.0	12.8	1.4	10.6	23.0	2.7	5.2	9.5	1.2	2.7	6.3	0.5	5.0	11.9	1.0
Kyivska	12.3	22.6	3.5	6.7	15.2	1.5	11.4	26.7	2.5	5.7	10.7	1.5	2.8	6.8	0.6	5.1	13.0	1.0
Kirovohradska	18.7	32.9	6.6	8.8	19.1	2.5	15.6	34.9	4.6	6.5	11.0	2.7	2.8	6.2	0.7	5.2	11.3	1.6
Luhanska																		
Lvivska	12.8	21.9	4.6	7.2	14.6	2.2	12.2	25.7	3.8	3.9	6.6	1.5	2.1	4.3	0.7	3.8	8.4	1.3
Mykolaiivska	12.7	23.1	3.8	6.8	14.6	1.9	11.3	25.4	2.9	2.0	4.4	0.0	0.9	2.5	0.0	1.6	4.6	0.0
Odesska	15.1	25.4	6.1	8.3	16.6	3.0	13.9	29.1	4.7	3.6	6.4	1.1	1.6	3.7	0.4	3.0	7.1	0.7
Poltavska	11.2	20.5	3.3	5.8	12.4	1.3	9.7	21.1	2.6	4.8	9.0	1.3	1.9	4.5	0.4	3.5	8.6	0.8
Rivnenska	7.0	12.9	1.6	4.5	10.0	0.9	7.6	18.0	1.4	3.7	6.9	0.8	2.2	4.9	0.5	3.7	8.9	0.8
Sumska	13.4	24.6	3.9	6.1	13.7	1.4	10.8	24.9	2.7	4.9	9.6	1.0	1.9	4.9	0.3	3.8	9.9	0.5
Ternopil'ska	10.9	20.0	2.9	5.8	12.9	1.1	10.1	23.1	2.2	5.2	10.2	0.7	2.5	6.4	0.1	4.7	12.6	0.3
Kharkiv'ska	13.5	23.5	4.9	7.0	14.5	2.2	11.5	24.7	3.7	4.8	9.0	1.3	2.2	5.3	0.4	4.1	10.0	0.8
Kherson'ska	13.1	22.7	4.8	7.0	14.7	2.2	11.9	25.9	3.6	3.4	6.2	1.1	1.8	3.9	0.4	2.9	6.6	0.7
Khmelnytska	10.8	18.6	4.0	5.6	11.5	1.8	9.3	19.5	2.9	6.4	11.7	1.8	3.1	7.1	0.7	5.5	13.2	1.1
Cherkaska	15.2	26.5	5.6	7.6	15.5	2.4	12.6	25.8	4.2	5.4	9.5	2.0	2.3	4.9	0.8	4.1	9.0	1.3
Chernivetska	9.5	14.1	5.4	5.1	9.4	2.4	9.1	17.5	4.2	4.3	8.0	1.1	2.4	5.7	0.4	4.6	11.0	0.8
Chernihiv'ska	14.7	24.4	6.7	6.7	13.1	2.9	11.3	23.3	4.7	5.9	11.1	1.6	2.6	5.9	0.7	4.7	10.9	1.3
Kyiv city	10.3	16.9	4.6	5.7	11.0	2.2	9.7	19.3	3.7	3.4	5.7	1.4	1.6	3.4	0.5	3.2	6.7	1.1
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>11.5</b>	<b>20.1</b>	<b>4.0</b>				<b>4.5</b>	<b>8.0</b>	<b>1.5</b>
AR Krym												
Vinnyska	211	179	32	13.6	24.9	3.8	101	81	20	6.5	11.3	2.4
Volynska	76	59	17	7.4	12.1	3.1	34	30	4	3.3	6.2	0.7
Dnipropetrovska	350	283	67	10.9	19.4	3.9	142	116	26	4.4	7.9	1.5
Donetska	176	146	30				72	66	6			
Zhytomyrska	111	90	21	9.1	15.8	3.2	50	38	12	4.1	6.7	1.8
Zakarpatska	75	62	13	6.0	10.3	2.0	34	26	8	2.7	4.3	1.2
Zaporizka	244	201	43	14.3	25.8	4.6	107	90	17	6.3	11.6	1.8
Ivano-Frankivska	118	99	19	8.6	15.3	2.6	53	44	9	3.9	6.8	1.3
Kyivska	192	160	32	10.9	19.8	3.4	84	68	16	4.8	8.4	1.7
Kirovohradska	157	129	28	16.7	29.8	5.5	50	42	8	5.3	9.7	1.6
Luhanska	81	65	16				22	22	0			
Lvivska	334	278	56	13.3	23.4	4.3	87	75	12	3.5	6.3	0.9
Mykolaivska	144	112	32	12.7	21.4	5.3	51	41	10	4.5	7.8	1.7
Odessa	304	244	60	12.8	21.9	4.8	85	74	11	3.6	6.6	0.9
Poltavska	174	141	33	12.5	22.0	4.4	71	53	18	5.1	8.3	2.4
Rivnenska	70	57	13	6.1	10.4	2.1	36	30	6	3.1	5.5	1.0
Sumska	139	116	23	12.9	23.4	3.9	74	65	9	6.9	13.1	1.5
Ternopil'ska	102	82	20	9.8	16.8	3.6	57	48	9	5.5	9.8	1.6
Kharkivska	358	276	82	13.5	22.4	5.7	139	117	22	5.2	9.5	1.5
Khersonska	125	98	27	12.1	20.4	4.9	39	34	5	3.8	7.1	0.9
Khmelnyska	134	119	15	10.6	20.3	2.2	58	48	10	4.6	8.2	1.5
Cherkaska	177	151	26	14.7	27.3	4.0	44	41	3	3.7	7.4	0.5
Chernivetska	74	60	14	8.2	14.1	2.9	37	34	3	4.1	8.0	0.6
Chernihivska	117	92	25	11.7	20.3	4.6	47	35	12	4.7	7.7	2.2
Kyiv city	306	241	65	10.5	17.9	4.2	117	89	28	4.0	6.6	1.8
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>40.2</b>	<b>33.4</b>	<b>12.9</b>	<b>8.1</b>	<b>5.3</b>	<b>20.6</b>		<b>77.6</b>	<b>84.1</b>	<b>15.5</b>	<b>91.8</b>	<b>156.2</b>	<b>35.8</b>
AR Krym													
Vinnyska	55.0	26.0	9.0	10.0	0.0	20.8	0	69.5	71.6	13.0	95.3	164.1	36.1
Volynska	33.8	30.9	11.8	22.1	1.5	14.9	1	88.2	92.1	4.4	65.4	110.6	25.0
Dnipropetrovska	52.2	25.9	12.7	6.6	2.2	24.5	2	79.7	89.7	7.3	77.8	136.0	28.9
Donetska	29.3	29.3	25.5	12.7	3.2			73.9	81.3	10.8			
Zhytomyrska	42.2	24.5	18.6	11.8	2.0	18.8	1	83.3	90.1	21.6	69.8	119.5	26.5
Zakarpatska	22.4	61.2	3.0	13.4	0.0	38.9	3	80.6	94.7	6.0	42.1	72.0	14.4
Zaporizka	46.9	29.6	3.8	5.2	14.6	21.6	2	67.1	73.8	10.8	110.0	187.7	44.8
Ivano-Frankivska	39.4	33.9	20.2	5.5	0.9	20.9	0	73.4	86.4	6.4	59.9	105.5	19.0
Kyivska	20.3	46.3	19.8	13.0	0.6	24.9	2	72.3	79.7	9.6	95.6	168.6	33.6
Kirovohradska	38.8	40.3	13.4	6.7	0.7	20.4	2	70.1	78.3	10.4	110.6	193.1	40.1
Luhanska	54.7	20.0	12.0	9.3	4.0			74.7	84.0	36.0			
Lvivska	51.8	27.2	8.5	7.2	5.2	16.5	1	92.5	92.8	2.3	116.5	199.0	42.1
Mykolaivska	23.1	47.0	21.6	8.2	0.0	15.6	3	77.6	79.9	18.7	115.2	193.6	47.5
Odessa	49.6	27.1	6.1	7.5	9.6	10.8	1	80.7	85.9	1.1	126.7	208.1	54.2
Poltavska	50.0	28.8	12.5	8.1	0.6	19.0	2	78.8	87.9	12.5	90.6	149.8	39.9
Rivnenska	25.4	37.3	19.4	6.0	9.0	26.4	0	68.7	77.1	35.8	46.6	77.7	18.5
Sumska	27.8	46.0	12.7	6.3	7.1	22.9	0	74.6	82.7	24.6	91.8	159.3	34.6
Ternopil'ska	33.3	35.6	17.8	10.0	3.3	23.1	0	74.4	77.5	15.6	80.3	143.9	24.3
Kharkivska	41.9	28.0	8.5	3.3	17.6	23.4	3	72.9	88.0	12.2	109.9	180.7	48.8
Khersonska	39.6	35.8	8.5	16.0	0.0	16.0	3	81.1	90.4	13.2	89.7	145.5	41.3
Khmelnyska	10.5	51.6	33.1	3.2	0.8	28.9	0	76.6	71.6	4.8	64.5	115.9	20.0
Cherkaska	60.1	23.6	9.5	5.4	0.7	12.8	3	87.8	85.9	23.0	105.3	185.0	37.7
Chernivetska	7.2	68.1	11.6	4.3	8.7	30.4	0	79.7	64.9	2.9	103.6	177.6	37.8
Chernihivska	36.7	42.2	13.8	6.4	0.9	32.1	0	78.0	84.6	32.1	82.4	142.4	32.4
Kyiv city	33.5	33.1	13.4	9.8	10.2	16.4	9	78.7	89.5	67.3	94.9	158.9	39.8
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		1941	1023	918
Incidence (crude rate)		5.4	6.1	4.8
Incidence (age-standardized, world standard)		4.2	5.0	3.6
Incidence (age-standardized, Ukrainian standard)		5.1	6.1	4.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		4.7% ~~	8.2% ~~	0.2% ~~
Mortality: number of new cases*		1352	697	655
Mortality (crude rate)		3.8	4.2	3.4
Mortality (age-standardized, world standard)		2.7	3.2	2.4
Mortality (age-standardized, Ukrainian standard)		3.5	4.3	3.0
Lived less than 1 year since the diagnosis in 2018, %		46.7	46.5	46.8
From among the newly diagnosed – diagnosed post mortem, %		3.8	4.1	3.4
Microscopically verified diagnoses, %		71.9	72.8	70.9
Diagnoses verified with histology, %		70.8	71.4	70.3
Unspecified morphology, %		5.8	5.5	6.1
Patients diagnosed during the preventive medical examinations, %		2.0	1.6	2.4
Newly diagnosed patients received the anti-cancer treatment, %		63.5	64.4	62.4
- surgical treatment only, %		17.5	18.2	16.6
- treatment combined or complex, %		33.5	33.8	33.0
Incidence of children population (age 0-17 years):	cases*	156	97	59
	rate per 100 000 of children population	2.3	2.8	1.8
Mortality of children population (age 0-17 years):	cases*	63	31	32
	rate per 100 000 of children population	0.9	0.9	1.0

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

Table 2 - Incidence and mortality, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>5.4</b>	<b>6.1</b>	<b>4.8</b>	<b>4.2</b>	<b>5.0</b>	<b>3.6</b>	<b>5.1</b>	<b>6.1</b>	<b>4.4</b>	<b>3.8</b>	<b>4.2</b>	<b>3.4</b>	<b>2.7</b>	<b>3.2</b>	<b>2.4</b>	<b>3.5</b>	<b>4.3</b>	<b>3.0</b>
AR Krym																		
Vinnitska	4.7	5.0	4.5	4.0	4.1	3.9	4.4	4.6	4.4	4.1	4.6	3.8	2.9	3.5	2.3	3.8	4.4	3.2
Volynska	4.7	4.7	4.8	3.9	3.9	4.3	4.9	6.0	4.6	4.3	4.3	4.4	3.3	3.3	3.6	4.4	5.3	4.2
Dnipropetrovska	5.3	6.1	4.6	4.1	4.8	3.6	4.9	5.9	4.2	3.8	4.5	3.3	2.6	3.3	2.1	3.4	4.5	2.7
Donetska																		
Zhytomyrska	4.5	5.8	3.3	3.4	4.5	2.3	4.3	5.6	3.2	2.3	2.8	1.8	2.0	2.3	1.8	2.2	2.6	2.0
Zakarpatska	3.7	4.0	3.4	3.0	3.3	2.7	3.5	3.7	3.3	2.2	2.8	1.7	1.7	2.3	1.1	2.2	2.9	1.7
Zaporizka	5.9	6.4	5.6	4.2	5.1	3.4	5.2	5.8	4.7	4.0	4.2	3.9	2.8	3.1	2.6	3.7	4.3	3.3
Ivano-Frankivska	5.1	6.3	4.0	4.0	5.1	3.1	4.9	6.2	3.9	4.0	4.8	3.3	2.8	3.6	2.1	3.8	4.5	3.1
Kyivska	6.4	7.3	5.6	5.1	6.3	4.1	6.2	7.5	5.1	4.0	4.5	3.5	2.9	3.3	2.6	3.8	4.6	3.2
Kirovohradska	7.9	8.5	7.4	5.9	6.8	5.1	6.8	7.6	6.4	6.1	7.8	4.7	4.3	6.0	2.9	5.4	7.6	3.8
Luhanska																		
Lvivska	7.0	8.2	5.9	5.9	7.5	4.5	7.0	8.4	5.7	3.7	4.4	3.1	2.7	3.5	2.1	3.6	4.4	2.9
Mykolaiivska	5.2	7.0	3.6	3.6	5.0	2.6	4.7	7.2	3.1	2.5	3.2	2.0	1.6	2.2	1.2	2.3	3.5	1.6
Odesska	4.3	4.8	4.0	3.6	4.1	3.2	4.2	4.9	3.6	2.8	2.6	3.0	2.1	2.1	2.2	2.7	2.8	2.6
Poltavska	4.3	6.0	2.9	3.4	4.9	2.0	3.8	5.8	2.2	3.7	4.3	3.2	2.6	2.9	2.5	3.5	4.4	2.9
Rivnenska	4.8	5.5	4.3	4.2	4.8	3.7	5.0	5.9	4.4	3.3	4.0	2.6	2.7	3.5	2.2	3.6	4.7	2.7
Sumska	3.6	3.8	3.4	2.5	2.7	2.5	3.2	3.4	3.0	2.9	2.8	3.0	2.2	1.8	2.7	2.5	2.7	2.6
Terнопil'ska	4.4	5.3	3.6	3.0	3.7	2.4	4.0	5.1	3.3	3.5	4.9	2.3	2.4	3.4	1.5	3.2	4.7	2.1
Kharkivska	5.6	6.0	5.2	4.2	4.9	3.5	5.3	5.8	4.6	4.2	4.0	4.5	3.0	3.1	3.0	4.0	4.2	3.9
Khersonska	3.4	3.7	3.2	3.1	3.6	2.7	3.2	4.0	2.8	3.3	3.1	3.4	2.6	2.6	2.7	3.2	3.2	3.3
Khmelnitska	5.7	7.1	4.6	4.9	6.4	3.6	5.8	7.4	4.6	4.6	5.4	3.8	3.1	4.0	2.4	4.1	5.3	3.2
Cherkaska	6.4	7.2	5.8	5.0	6.1	3.8	5.9	6.8	5.0	4.6	4.7	4.6	3.1	3.5	2.8	4.0	4.3	3.7
Chernivetska	6.1	6.6	5.7	5.6	6.1	5.0	6.2	6.9	5.5	5.1	5.9	4.4	4.1	5.1	3.0	5.2	6.0	4.2
Chernihivska	4.5	4.8	4.2	3.3	3.4	3.4	4.2	4.8	4.0	2.4	2.8	2.0	1.5	2.0	1.1	2.1	2.8	1.6
Kyiv city	7.3	7.8	6.9	5.3	5.9	5.0	7.0	8.1	6.3	4.6	4.8	4.4	3.4	3.6	3.4	4.5	5.2	4.0
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>				<b>4.6</b>	<b>5.0</b>	<b>4.2</b>				<b>3.6</b>	<b>4.0</b>	<b>3.2</b>
AR Krym												
Vinnyska	59	32	27	3.8	4.5	3.2	40	16	24	2.6	2.2	2.9
Volynska	41	19	22	4.0	3.9	4.0	28	13	15	2.7	2.7	2.8
Dnipropetrovska	139	60	79	4.3	4.1	4.5	100	44	56	3.1	3.0	3.2
Donetska	73	35	38				62	28	34			
Zhytomyrska	30	14	16	2.5	2.5	2.5	33	17	16	2.7	3.0	2.5
Zakarpatska	40	22	18	3.2	3.7	2.8	36	20	16	2.9	3.3	2.5
Zaporizka	79	42	37	4.6	5.4	4.0	60	28	32	3.5	3.6	3.5
Ivano-Frankivska	55	29	26	4.0	4.5	3.6	58	37	21	4.2	5.7	2.9
Kyivska	98	43	55	5.6	5.3	5.8	60	34	26	3.4	4.2	2.7
Kirovohradska	52	24	28	5.5	5.5	5.5	46	24	22	4.9	5.5	4.4
Luhanska	31	14	17				26	9	17			
Lvivska	121	57	64	4.8	4.8	4.9	82	42	40	3.3	3.5	3.0
Mykolaivska	44	24	20	3.9	4.6	3.3	41	24	17	3.6	4.6	2.8
Odessa	99	47	52	4.2	4.2	4.2	42	22	20	1.8	2.0	1.6
Poltavska	60	29	31	4.3	4.5	4.1	62	37	25	4.5	5.8	3.3
Rivnenska	63	45	18	5.5	8.2	3.0	38	14	24	3.3	2.6	4.0
Sumska	47	25	22	4.4	5.1	3.8	41	19	22	3.8	3.8	3.8
Ternopil'ska	42	24	18	4.0	4.9	3.2	41	20	21	3.9	4.1	3.8
Kharkivska	134	67	67	5.0	5.4	4.7	111	54	57	4.2	4.4	4.0
Khersonska	25	13	12	2.4	2.7	2.2	26	19	7	2.5	4.0	1.3
Khmelnyska	69	33	36	5.5	5.6	5.3	48	21	27	3.8	3.6	4.0
Cherkaska	65	37	28	5.4	6.7	4.3	57	31	26	4.7	5.6	4.0
Chernivetska	41	26	15	4.6	6.1	3.2	37	21	16	4.1	5.0	3.4
Chernihivska	47	27	20	4.7	6.0	3.7	49	27	22	4.9	6.0	4.1
Kyiv city	183	94	89	6.3	7.0	5.7	136	73	63	4.7	5.4	4.0
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂
<b>Ukraine</b>						<b>46.7</b>		<b>63.4</b>	<b>70.0</b>	<b>2.2</b>	<b>26.3</b>	<b>27.0</b>	<b>25.7</b>
AR Krym													
Vinnyska						45.9	3	73.7	79.7	0.0	19.4	23.0	16.3
Volynska						48.9	5	80.0	85.4	0.0	19.2	21.1	17.4
Dnipropetrovska						44.8	6	58.1	64.0	0.7	16.9	17.5	16.4
Donetska								47.1	49.3	10.0			
Zhytomyrska						40.4	1	90.0	96.7	0.0	18.5	20.8	16.5
Zakarpatska						51.1	3	66.7	80.0	0.0	22.4	22.1	22.7
Zaporizka						45.0	5	41.7	63.3	1.4	21.5	23.0	20.3
Ivano-Frankivska						52.2	0	71.7	63.6	0.0	23.1	23.3	22.9
Kyivska						35.5	0	64.5	67.3	2.2	40.4	39.1	41.6
Kirovohradska						48.6	5	70.7	69.2	2.4	27.7	26.3	28.9
Luhanska								70.0	74.2	0.0			
Lvivska						40.4	1	75.7	66.9	0.0	33.0	34.9	31.2
Mykolaivska						51.7	4	55.6	61.4	11.1	25.4	26.2	24.7
Odessa						30.6	2	61.7	69.7	0.0	30.9	33.4	28.7
Poltavska						64.4	1	51.8	61.7	0.0	23.2	22.6	23.7
Rivnenska						50.0	0	60.3	68.3	0.0	37.4	37.9	36.9
Sumska						45.9	1	60.9	61.7	4.3	24.5	25.4	23.6
Ternopil'ska						53.3	6	64.1	64.3	7.7	23.5	23.0	24.0
Kharkivska						55.3	4	60.0	79.9	0.0	28.0	27.8	28.2
Khersonska						44.1	2	90.5	92.0	9.5	16.1	16.4	15.9
Khmelnyska						47.1	2	71.0	73.9	1.6	29.3	30.7	28.1
Cherkaska						56.6	5	65.5	69.2	15.5	24.0	22.8	25.1
Chernivetska						58.2	2	56.8	61.0	2.7	26.9	26.1	27.5
Chernihivska						47.7	1	72.1	74.5	0.0	19.9	21.8	18.2
Kyiv city						44.1	12	58.7	76.0	0.7	36.4	36.1	36.6
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		3306	638	2668
Incidence (crude rate)		9.2	3.8	13.9
Incidence (age-standardized, world standard)		7.0	3.0	10.6
Incidence (age-standardized, Ukrainian standard)		8.7	3.8	13.0
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		8.8% ↑↑	10.3% ~~	9.1% ↑↑
Mortality: number of new cases*		234	83	151
Mortality (crude rate)		0.7	0.5	0.8
Mortality (age-standardized, world standard)		0.3	0.3	0.3
Mortality (age-standardized, Ukrainian standard)		0.6	0.5	0.6
Lived less than 1 year since the diagnosis in 2018, %		3.4	6.9	2.6
From among the newly diagnosed – diagnosed post mortem, %		0.1	0.2	0.1
Microscopically verified diagnoses, %		98.2	96.9	98.5
Diagnoses verified with histology, %		93.7	91.7	94.2
Unspecified morphology, %		2.2	3.6	1.8
Patients diagnosed during the preventive medical examinations, %		45.5	40.4	46.7
Newly diagnosed patients received the anti-cancer treatment, %		93.1	91.2	93.6
- surgical treatment only, %		42.9	36.7	44.4
- treatment combined or complex, %		45.9	47.9	45.4
Incidence of children population (age 0-17 years):	cases*	45	17	28
	rate per 100 000 of children population	0.7	0.5	0.9
Mortality of children population (age 0-17 years):	cases*	-	-	-
	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, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>9.2</b>	<b>3.8</b>	<b>13.9</b>	<b>7.0</b>	<b>3.0</b>	<b>10.6</b>	<b>8.7</b>	<b>3.8</b>	<b>13.0</b>	<b>0.7</b>	<b>0.5</b>	<b>0.8</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>
AR Krym																		
Vinnitska	13.9	4.8	21.7	10.2	3.4	16.2	12.9	4.4	20.2	0.5	0.6	0.5	0.2	0.3	0.2	0.3	0.5	0.3
Volynska	3.5	1.2	5.5	2.7	1.1	4.1	3.4	1.3	5.3	0.6	0.2	0.9	0.4	0.2	0.6	0.7	0.2	1.0
Dnipropetrovska	7.6	3.3	11.3	5.7	2.3	8.8	7.1	3.1	10.5	1.0	1.1	0.9	0.4	0.7	0.3	0.8	1.2	0.5
Donetska																		
Zhytomyrska	9.2	3.5	14.1	7.5	3.3	11.5	8.8	3.6	13.6	0.6	0.2	0.9	0.2	0.1	0.2	0.5	0.2	0.6
Zakarpatska	2.6	1.3	3.8	2.2	1.2	3.1	2.9	1.5	4.0	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.4	0.3
Zaporizka	8.2	2.5	13.0	6.0	1.9	9.6	7.5	2.5	11.7	0.9	0.6	1.1	0.3	0.3	0.4	0.7	0.6	0.7
Ivano-Frankivska	4.8	1.5	7.7	3.8	1.1	6.4	4.8	1.5	7.9	0.4	0.3	0.4	0.2	0.2	0.3	0.4	0.3	0.5
Kyivska	15.9	6.7	23.7	12.3	5.7	18.1	15.1	6.9	22.2	0.6	0.4	0.9	0.3	0.3	0.4	0.6	0.5	0.7
Kirovohradska	14.1	4.1	22.6	9.7	2.8	15.6	12.8	3.8	20.1	1.2	0.7	1.6	0.5	0.4	0.6	0.9	0.7	1.0
Luhanska																		
Lvivska	6.6	3.4	9.4	5.0	2.6	7.3	6.3	3.4	8.9	0.4	0.3	0.5	0.2	0.2	0.2	0.4	0.4	0.4
Mykolaiivska	7.6	2.8	11.8	5.6	1.8	9.1	6.8	2.5	10.7	0.3	0.2	0.3	0.1	0.1	0.1	0.3	0.2	0.3
Odessa	6.6	3.3	9.6	5.1	2.8	7.1	6.3	3.5	8.8	0.6	0.2	1.0	0.3	0.1	0.3	0.5	0.2	0.6
Poltavska	7.3	2.9	11.0	5.5	2.3	8.2	6.6	2.7	9.9	0.9	0.6	1.1	0.4	0.4	0.3	0.7	0.6	0.7
Rivnenska	5.2	1.5	8.5	4.5	1.1	7.8	5.3	1.3	8.9	0.4	0.4	0.5	0.3	0.3	0.3	0.4	0.4	0.5
Sumska	13.3	5.2	20.1	9.2	3.7	14.1	11.8	4.9	17.6	0.8	0.4	1.2	0.5	0.3	0.6	0.8	0.4	1.0
Terнопil'ska	4.6	1.6	7.2	3.6	1.2	5.9	4.4	1.5	7.2	0.5	0.6	0.4	0.2	0.4	0.2	0.4	0.7	0.2
Kharkivska	10.0	4.3	15.0	7.1	3.4	10.3	9.0	4.1	13.1	1.4	1.0	1.7	0.6	0.6	0.6	1.1	1.0	1.1
Khersonska	14.3	5.2	22.1	10.7	4.3	16.3	13.5	5.2	20.6	0.4	0.6	0.2	0.2	0.4	0.1	0.3	0.6	0.1
Khmelnytska	7.5	3.6	10.9	5.8	2.8	8.6	7.0	3.3	10.3	0.8	0.9	0.7	0.5	0.6	0.3	0.8	0.9	0.7
Cherkaska	9.0	4.7	12.8	7.2	3.7	10.6	8.6	4.8	12.2	0.9	0.2	1.5	0.5	0.1	0.7	0.9	0.2	1.2
Chernivetska	4.9	2.8	6.7	3.6	2.1	5.0	4.7	2.8	6.4	0.3	0.5	0.2	0.2	0.2	0.1	0.3	0.6	0.2
Chernihivska	9.4	4.8	13.2	7.3	3.6	10.8	9.0	4.4	13.1	0.4	0.2	0.5	0.2	0.1	0.3	0.3	0.2	0.5
Kyiv city	17.8	7.9	26.2	13.7	6.4	20.0	16.7	8.0	24.2	0.3	0.4	0.3	0.2	0.3	0.1	0.3	0.4	0.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>				<b>8.3</b>	<b>3.4</b>	<b>12.6</b>				<b>0.6</b>	<b>0.4</b>	<b>0.8</b>
AR Krym												
Vinnyska	184	34	150	11.9	4.7	18.0	10	4	6	0.6	0.6	0.7
Volynska	37	8	29	3.6	1.6	5.3	6	1	5	0.6	0.2	0.9
Dnipropetrovska	221	49	172	6.9	3.4	9.9	23	6	17	0.7	0.4	1.0
Donetska	124	17	107				4	3	1			
Zhytomyrska	102	20	82	8.4	3.5	12.6	7	3	4	0.6	0.5	0.6
Zakarpatska	18	3	15	1.4	0.5	2.3	6	4	2	0.5	0.7	0.3
Zaporizka	117	20	97	6.9	2.6	10.5	10	2	8	0.6	0.3	0.9
Ivano-Frankivska	62	15	47	4.5	2.3	6.5	7	4	3	0.5	0.6	0.4
Kyivska	234	47	187	13.3	5.8	19.6	9	1	8	0.5	0.1	0.8
Kirovohradska	121	18	103	12.9	4.2	20.4	12	4	8	1.3	0.9	1.6
Luhanska	36	7	29				3	1	2			
Lvivska	138	29	109	5.5	2.4	8.3	15	5	10	0.6	0.4	0.8
Mykolaivska	73	9	64	6.5	1.7	10.6	3	1	2	0.3	0.2	0.3
Odessa	128	29	99	5.4	2.6	7.9	10	3	7	0.4	0.3	0.6
Poltavska	103	20	83	7.4	3.1	11.1	15	3	12	1.1	0.5	1.6
Rivnenska	81	14	67	7.0	2.6	11.0	10	5	5	0.9	0.9	0.8
Sumska	118	26	92	10.9	5.3	15.8	9	3	6	0.8	0.6	1.0
Ternopil'ska	73	10	63	7.0	2.1	11.4	5	0	5	0.5	0.0	0.9
Kharkivska	193	40	153	7.3	3.3	10.7	28	7	21	1.1	0.6	1.5
Khersonska	164	28	136	15.8	5.8	24.5	3	1	2	0.3	0.2	0.4
Khmelnyska	111	14	97	8.8	2.4	14.4	8	0	8	0.6	0.0	1.2
Cherkaska	100	19	81	8.3	3.4	12.5	8	0	8	0.7	0.0	1.2
Chernivetska	32	8	24	3.6	1.9	5.0	6	2	4	0.7	0.5	0.8
Chernihivska	80	11	69	8.0	2.4	12.7	5	1	4	0.5	0.2	0.7
Kyiv city	478	90	388	16.4	6.7	24.8	12	5	7	0.4	0.4	0.5
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂
<b>Ukraine</b>	<b>66.7</b>	<b>9.8</b>	<b>10.0</b>	<b>4.9</b>	<b>2.8</b>	<b>3.4</b>		<b>93.2</b>	<b>98.1</b>	<b>49.6</b>	<b>126.4</b>	<b>41.4</b>	<b>200.2</b>
AR Krym													
Vinnyska	71.8	12.4	4.1	4.1	0.0	3.3	0	90.0	98.9	60.0	168.2	48.3	271.6
Volynska	65.7	14.3	5.7	8.6	2.9	17.1	1	97.1	100.0	17.1	49.6	16.8	78.9
Dnipropetrovska	68.9	9.7	12.6	4.4	1.9	5.5	0	92.7	99.5	27.7	109.7	38.2	169.7
Donetska	65.3	8.5	14.4	6.8	2.5			96.6	98.4	42.4			
Zhytomyrska	70.2	6.4	12.8	8.5	1.1	1.8	0	95.7	99.0	58.5	127.4	44.2	199.9
Zakarpatska	77.8	0.0	5.6	16.7	0.0	6.9	0	88.9	100.0	50.0	30.1	10.6	48.1
Zaporizka	62.9	6.7	14.3	8.6	4.8	5.1	0	90.5	99.1	33.3	124.6	33.3	201.4
Ivano-Frankivska	71.2	11.9	8.5	1.7	5.1	1.6	0	91.5	98.4	6.8	44.6	16.2	70.1
Kyivska	73.8	5.8	12.9	4.0	0.0	0.7	0	95.6	98.7	44.4	256.8	82.8	404.7
Kirovohradska	64.2	12.8	11.9	7.3	1.8	5.7	0	88.1	98.3	36.7	137.9	34.2	226.6
Luhanska	69.7	9.1	3.0	15.2	0.0			90.9	97.2	45.5			
Lvivska	63.2	13.5	9.0	6.0	0.8	3.8	0	94.7	97.1	60.2	93.6	30.2	150.7
Mykolaivska	72.5	8.7	11.6	2.9	0.0	0.0	0	95.7	98.6	47.8	100.2	31.1	159.9
Odessa	49.6	7.0	11.3	9.6	6.1	3.4	0	91.3	86.7	5.2	92.0	30.6	146.6
Poltavska	41.4	4.0	18.2	2.0	0.0	5.2	0	91.9	95.1	48.5	119.9	38.0	190.1
Rivnenska	59.5	11.4	5.1	3.8	6.3	1.7	0	89.9	86.4	48.1	74.9	25.1	120.0
Sumska	61.3	17.1	7.2	8.1	2.7	3.7	0	89.2	99.2	49.5	167.4	57.1	261.0
Ternopil'ska	57.1	21.4	11.4	8.6	0.0	2.2	0	97.1	98.6	51.4	64.6	23.0	101.1
Kharkivska	59.0	15.3	1.6	1.6	9.8	8.8	0	91.8	100.0	41.5	105.1	32.7	167.6
Khersonska	68.2	6.4	15.3	7.0	1.3	1.4	0	80.3	100.0	70.7	200.4	59.5	322.6
Khmelnyska	66.0	14.0	10.0	4.0	0.0	6.5	1	94.0	99.1	28.0	83.8	26.1	133.8
Cherkaska	68.4	8.4	12.6	7.4	0.0	1.9	1	95.8	99.0	42.1	146.5	47.1	231.0
Chernivetska	43.3	3.3	16.7	6.7	0.0	4.5	0	90.0	93.8	20.0	58.5	21.0	91.9
Chernihivska	66.3	10.0	17.5	3.8	1.3	1.2	0	98.8	100.0	53.8	147.7	52.9	226.8
Kyiv city	78.6	7.9	6.3	0.9	5.6	0.4	0	98.9	100.0	86.7	261.5	97.0	403.0
Sevastopol city													

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		860	419	441
Incidence (crude rate)		2.4	2.5	2.3
Incidence (age-standardized, world standard)		2.3	2.3	2.3
Incidence (age-standardized, Ukrainian standard)		2.5	2.6	2.5
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		5.1% ~~	10.3% ~~	0.4% ~~
Mortality: number of new cases*		236	147	89
Mortality (crude rate)		0.7	0.9	0.5
Mortality (age-standardized, world standard)		0.5	0.7	0.4
Mortality (age-standardized, Ukrainian standard)		0.6	0.9	0.5
Lived less than 1 year since the diagnosis in 2018, %		9.0	9.5	8.6
From among the newly diagnosed – diagnosed post mortem, %		0.7	0.5	0.9
Microscopically verified diagnoses, %		99.3	99.3	99.3
Diagnoses verified with histology, %		94.8	94.0	95.5
Unspecified morphology, %		-	-	-
Patients diagnosed during the preventive medical examinations, %		15.7	15.0	16.3
Newly diagnosed patients received the anti-cancer treatment, %		84.7	83.3	86.0
- surgical treatment only, %		1.2	1.2	1.2
- treatment combined or complex, %		4.2	2.9	5.3
Incidence of children population (age 0-17 years):	cases*	53	30	23
	rate per 100 000 of children population	0.8	0.9	0.7
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 Luhansk oblast, AR Krym, Sevastopol city

Table 2 - Incidence and mortality, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>2.4</b>	<b>2.5</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.5</b>	<b>2.6</b>	<b>2.5</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</b>	<b>0.5</b>	<b>0.7</b>	<b>0.4</b>	<b>0.6</b>	<b>0.9</b>	<b>0.5</b>
AR Krym																		
Vinnitska	2.4	2.6	2.3	2.2	2.4	2.0	2.4	2.6	2.2	0.6	0.8	0.4	0.3	0.5	0.1	0.5	0.8	0.2
Volynska	2.5	3.1	2.0	2.5	3.0	1.9	2.7	3.1	2.2	0.4	0.8	0.0	0.3	0.6	0.0	0.4	0.7	0.0
Dnipropetrovska	2.7	2.8	2.6	2.5	2.4	2.5	2.8	2.8	2.8	0.8	1.2	0.4	0.6	0.9	0.3	0.8	1.2	0.4
Donetska																		
Zhytomyrska	2.0	1.6	2.4	2.1	1.4	2.7	2.2	1.6	2.8	0.4	0.4	0.5	0.3	0.3	0.4	0.4	0.3	0.5
Zakarpatska	1.8	1.7	1.8	1.7	1.3	2.1	1.8	1.7	1.9	0.7	1.2	0.3	0.6	0.9	0.4	0.7	1.1	0.4
Zaporizka	2.2	1.9	2.4	2.0	1.6	2.5	2.2	1.9	2.6	1.0	1.1	0.9	0.7	0.9	0.5	1.0	1.1	0.8
Ivano-Frankivska	2.1	2.0	2.2	1.9	2.0	1.8	2.0	2.1	2.0	0.6	0.9	0.3	0.4	0.8	0.2	0.6	1.0	0.3
Kyivska	2.5	2.0	2.9	2.4	1.6	3.3	2.6	1.8	3.3	0.9	1.4	0.5	0.8	1.2	0.5	1.0	1.4	0.6
Kirovohradska	1.5	1.4	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.2	1.8	0.6	0.9	1.3	0.4	1.0	1.7	0.5
Luhanska																		
Lvivska	1.8	1.6	2.0	1.7	1.3	2.0	1.8	1.6	2.1	0.5	0.8	0.3	0.4	0.6	0.3	0.5	0.8	0.3
Mykolaiivska	2.1	3.2	1.1	1.9	2.7	1.3	2.1	3.0	1.2	0.5	1.0	0.2	0.4	0.7	0.2	0.5	0.8	0.2
Odessa	2.3	2.4	2.2	2.2	2.3	2.1	2.3	2.4	2.2	0.6	0.6	0.5	0.4	0.4	0.5	0.6	0.7	0.5
Poltavska	2.6	2.6	2.5	2.5	2.4	2.7	2.7	2.5	2.8	0.7	0.6	0.8	0.5	0.5	0.5	0.7	0.6	0.7
Rivnenska	2.0	1.3	2.6	2.1	1.2	3.0	2.2	1.7	2.9	0.5	0.7	0.3	0.3	0.5	0.2	0.5	0.8	0.3
Sumska	3.5	5.0	2.2	3.4	4.7	2.3	3.9	5.5	2.5	0.6	0.6	0.5	0.4	0.5	0.4	0.6	0.8	0.5
Terнопil'ska	2.2	2.9	1.6	2.1	2.6	1.8	2.4	3.2	1.9	0.5	0.8	0.2	0.4	0.7	0.1	0.5	1.0	0.2
Kharkivska	2.0	2.5	1.5	1.9	2.2	1.8	2.1	2.5	1.8	0.9	1.1	0.8	0.7	0.8	0.6	0.9	1.1	0.7
Khersonska	2.6	3.3	2.0	2.6	3.3	1.9	2.8	3.4	2.1	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.6	0.5
Khmelnitska	2.4	2.7	2.1	2.5	3.0	1.8	2.4	2.9	2.0	0.5	0.3	0.6	0.4	0.3	0.4	0.4	0.4	0.5
Cherkaska	3.2	2.3	4.0	3.3	2.3	4.2	3.6	2.4	4.6	0.3	0.2	0.5	0.2	0.2	0.2	0.3	0.2	0.4
Chernivetska	2.9	2.6	3.1	2.8	2.8	2.8	3.0	2.9	3.2	0.8	1.2	0.4	0.5	0.8	0.2	0.7	1.2	0.3
Chernihivska	2.4	3.3	1.6	2.7	3.6	1.9	2.8	3.8	2.0	0.5	0.7	0.4	0.5	0.4	0.8	0.6	0.6	0.7
Kyiv city	3.3	3.5	3.1	3.0	3.2	2.8	3.2	3.4	3.1	0.7	0.9	0.5	0.4	0.6	0.3	0.6	0.8	0.4
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>2.2</b>	<b>2.2</b>	<b>2.2</b>				<b>0.6</b>	<b>0.8</b>	<b>0.4</b>
AR Krym												
Vinnyska	29	14	15	1.9	2.0	1.8	6	2	4	0.4	0.3	0.5
Volynska	19	9	10	1.8	1.9	1.8	7	4	3	0.7	0.8	0.6
Dnipropetrovska	80	36	44	2.5	2.5	2.5	24	17	7	0.8	1.2	0.4
Donetska	27	15	12				8	5	3			
Zhytomyrska	21	13	8	1.7	2.3	1.2	6	3	3	0.5	0.5	0.5
Zakarpatska	22	10	12	1.8	1.7	1.8	4	2	2	0.3	0.3	0.3
Zaporizka	33	16	17	1.9	2.1	1.8	16	10	6	0.9	1.3	0.7
Ivano-Frankivska	23	11	12	1.7	1.7	1.7	14	9	5	1.0	1.4	0.7
Kyivska	40	16	24	2.3	2.0	2.5	10	7	3	0.6	0.9	0.3
Kirovohradska	22	14	8	2.3	3.2	1.6	7	6	1	0.8	1.4	0.2
Luhanska	15	6	9				6	3	3			
Lvivska	53	31	22	2.1	2.6	1.7	14	9	5	0.6	0.8	0.4
Mykolaivska	24	7	17	2.1	1.3	2.8	2	2	0	0.2	0.4	0.0
Odessa	42	21	21	1.8	1.9	1.7	8	7	1	0.3	0.6	0.1
Poltavska	32	22	10	2.3	3.4	1.3	6	2	4	0.4	0.3	0.5
Rivnenska	30	12	18	2.6	2.2	3.0	5	3	2	0.4	0.6	0.3
Sumska	26	10	16	2.4	2.0	2.7	9	5	4	0.8	1.0	0.7
Ternopil'ska	17	8	9	1.6	1.6	1.6	6	5	1	0.6	1.0	0.2
Kharkivska	66	24	42	2.5	2.0	2.9	15	7	8	0.6	0.6	0.6
Khersonska	18	10	8	1.7	2.1	1.4	3	0	3	0.3	0.0	0.5
Khmelnyska	32	14	18	2.5	2.4	2.7	11	8	3	0.9	1.4	0.4
Cherkaska	33	14	19	2.7	2.5	2.9	8	6	2	0.7	1.1	0.3
Chernivetska	21	14	7	2.3	3.3	1.5	9	5	4	1.0	1.2	0.8
Chernihivska	22	8	14	2.2	1.8	2.6	7	3	4	0.7	0.7	0.7
Kyiv city	90	39	51	3.1	2.9	3.3	20	12	8	0.7	0.9	0.5
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>5.3</b>	<b>46.0</b>	<b>19.7</b>	<b>11.4</b>	<b>17.6</b>	<b>9.0</b>		<b>82.4</b>	<b>99.5</b>	<b>14.2</b>	<b>41.4</b>	<b>38.2</b>	<b>44.1</b>
AR Krym													
Vinnyska	10.7	53.6	25.0	10.7	0.0	15.8	0	89.3	100.0	3.6	43.7	39.8	47.0
Volynska	16.7	55.6	11.1	11.1	5.6	7.7	0	83.3	100.0	11.1	39.1	34.5	43.3
Dnipropetrovska	7.6	68.4	11.4	12.7	0.0	14.1	0	84.8	100.0	8.9	40.5	36.2	44.1
Donetska	0.0	20.0	40.0	4.0	36.0			68.0	100.0	12.0			
Zhytomyrska	0.0	47.4	21.1	31.6	0.0	0.0	0	89.5	100.0	10.5	39.5	38.6	40.3
Zakarpatska	22.7	27.3	18.2	13.6	18.2	13.6	0	90.9	100.0	0.0	26.6	24.7	28.3
Zaporizka	9.7	45.2	6.5	19.4	19.4	13.9	1	64.5	100.0	19.4	29.8	28.0	31.3
Ivano-Frankivska	0.0	47.8	13.0	8.7	30.4	3.6	0	78.3	100.0	4.3	34.1	31.3	36.6
Kyivska	0.0	47.5	30.0	22.5	0.0	12.2	0	82.5	100.0	2.5	52.8	48.2	56.7
Kirovohradska	0.0	71.4	19.0	0.0	9.5	7.1	0	90.5	100.0	9.5	35.1	30.7	38.9
Luhanska	14.3	35.7	0.0	21.4	28.6			78.6	86.7	7.1			
Lvivska	2.0	37.3	19.6	2.0	39.2	6.7	0	82.4	100.0	9.8	40.9	38.5	43.0
Mykolaivska	16.7	45.8	16.7	12.5	8.3	0.0	0	79.2	100.0	29.2	40.9	37.4	43.9
Odessa	4.9	14.6	14.6	12.2	53.7	3.8	2	73.2	97.6	0.0	36.7	36.9	36.6
Poltavska	0.0	56.3	31.3	6.3	6.3	13.9	1	84.4	100.0	25.0	47.7	43.9	50.9
Rivnenska	3.6	46.4	17.9	0.0	32.1	4.8	0	85.7	100.0	32.1	37.9	36.4	39.2
Sumska	8.0	64.0	12.0	8.0	8.0	5.4	0	64.0	100.0	0.0	44.6	40.0	48.5
Ternopil'ska	6.3	25.0	31.3	6.3	31.3	8.7	0	81.3	100.0	18.8	41.0	39.8	42.0
Kharkivska	0.0	47.7	15.4	0.0	36.9	10.0	1	83.1	100.0	15.4	45.1	38.3	51.0
Khersonska	0.0	50.0	27.8	16.7	5.6	0.0	0	88.9	100.0	5.6	36.5	35.1	37.7
Khmelnyska	3.2	48.4	29.0	6.5	12.9	13.3	0	93.5	100.0	0.0	46.1	43.9	48.0
Cherkaska	6.1	33.3	12.1	33.3	15.2	12.8	1	78.8	100.0	15.2	51.3	50.3	52.1
Chernivetska	0.0	42.9	33.3	4.8	19.0	7.7	0	76.2	95.2	0.0	44.1	47.6	40.9
Chernihivska	4.5	50.0	27.3	13.6	4.5	8.0	0	95.5	100.0	4.5	45.0	38.8	50.2
Kyiv city	6.7	44.4	22.2	15.6	11.1	8.7	0	86.7	100.0	45.6	46.2	41.0	50.7
Sevastopol city													

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

Table 1 - General rates, 2018		👤	👤	👤
Incidence: number of new cases*		2382	1186	1196
Incidence (crude rate)		6.6	7.1	6.2
Incidence (age-standardized, world standard)		4.4	5.3	3.7
Incidence (age-standardized, Ukrainian standard)		6.3	7.6	5.4
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		4.8% ~~	5.1% ~~	4.5% ~~
Mortality: number of new cases*		1070	585	485
Mortality (crude rate)		3.0	3.5	2.5
Mortality (age-standardized, world standard)		1.8	2.4	1.3
Mortality (age-standardized, Ukrainian standard)		2.8	3.8	2.1
Lived less than 1 year since the diagnosis in 2018, %		28.0	31.5	24.6
From among the newly diagnosed – diagnosed post mortem, %		0.9	1.7	0.2
Microscopically verified diagnoses, %		99.5	99.2	99.8
Diagnoses verified with histology, %		91.7	90.7	92.7
Unspecified morphology, %		-	-	-
Patients diagnosed during the preventive medical examinations, %		8.7	8.8	8.7
Newly diagnosed patients received the anti-cancer treatment, %		75.8	73.5	78.2
- surgical treatment only, %		5.1	5.7	4.6
- treatment combined or complex, %		8.4	8.0	8.9
Incidence of children population (age 0-17 years):	cases*	54	41	13
	rate per 100 000 of children population	0.8	1.2	0.4
Mortality of children population (age 0-17 years):	cases*	6	4	2
	rate per 100 000 of children population	0.1	0.1	0.1

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

Table 2 - Incidence and mortality, 2018	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)		
	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤
<b>Ukraine</b>	<b>6.6</b>	<b>7.1</b>	<b>6.2</b>	<b>4.4</b>	<b>5.3</b>	<b>3.7</b>	<b>6.3</b>	<b>7.6</b>	<b>5.4</b>	<b>3.0</b>	<b>3.5</b>	<b>2.5</b>	<b>1.8</b>	<b>2.4</b>	<b>1.3</b>	<b>2.8</b>	<b>3.8</b>	<b>2.1</b>
AR Krym																		
Vinnitska	7.8	8.5	7.2	5.7	7.1	4.4	7.6	8.9	6.4	3.6	4.7	2.6	2.0	3.1	1.2	3.2	5.3	1.9
Volynska	5.2	5.3	5.1	3.9	4.3	3.6	5.4	5.9	5.1	1.9	2.5	1.5	1.3	1.9	0.8	2.0	2.9	1.3
Dnipropetrovska	7.3	7.9	6.7	4.8	5.8	4.0	6.8	8.4	5.8	3.8	4.5	3.2	2.2	2.9	1.9	3.4	4.9	2.7
Donetska																		
Zhytomyrska	5.1	4.9	5.3	3.8	4.2	3.5	5.1	5.5	4.8	2.8	3.0	2.7	1.8	2.2	1.4	2.7	3.2	2.1
Zakarpatska	7.0	8.0	6.1	5.1	6.4	4.0	7.3	9.1	6.0	3.0	3.8	2.2	2.0	2.9	1.4	3.0	4.6	1.9
Zaporizka	5.6	6.2	5.0	3.6	4.5	2.9	5.1	6.5	4.1	2.4	3.1	1.9	1.4	2.1	1.0	2.2	3.4	1.5
Ivano-Frankivska	5.0	4.8	5.2	3.2	3.8	2.8	5.2	5.9	4.7	2.8	3.4	2.4	1.6	2.4	1.1	2.9	4.1	2.2
Kyivska	8.8	9.8	7.8	5.9	7.3	4.9	8.5	10.9	6.9	3.8	4.7	3.0	2.1	3.1	1.4	3.4	5.2	2.3
Kirovohradska	8.6	11.2	6.4	5.9	8.2	4.1	8.0	11.3	5.7	4.2	5.0	3.5	2.3	3.0	1.9	3.8	4.9	3.0
Luhanska																		
Lvivska	5.6	5.8	5.4	3.7	4.5	3.2	5.5	6.6	4.8	2.8	2.9	2.7	1.7	2.1	1.4	2.7	3.0	2.4
Mykolaiivska	6.9	8.3	5.7	4.7	5.9	3.8	6.2	8.1	4.7	1.5	2.1	1.0	1.0	1.4	0.7	1.4	2.1	1.0
Odessa	5.4	4.9	5.7	3.8	4.0	3.5	5.1	5.1	5.0	2.3	2.2	2.5	1.5	1.6	1.4	2.2	2.3	2.1
Poltavska	6.6	6.6	6.6	4.2	4.6	3.9	5.9	6.4	5.5	3.0	2.6	3.3	1.6	1.6	1.7	2.6	2.8	2.5
Rivnenska	4.1	3.6	4.4	3.0	2.8	3.3	4.2	4.3	4.4	1.5	1.6	1.3	1.0	1.3	0.8	1.6	2.1	1.3
Sumska	5.0	5.6	4.6	3.0	3.8	2.4	4.6	5.5	4.0	2.1	2.6	1.7	1.4	2.2	0.6	2.0	2.9	1.2
Terнопil'ska	5.4	5.1	5.7	3.4	3.7	3.3	5.2	5.7	4.9	3.1	3.5	2.7	1.9	2.7	1.3	3.0	4.0	2.1
Kharkivska	6.0	6.3	5.8	3.6	4.2	3.4	5.3	6.6	4.7	3.2	4.5	2.1	1.8	2.9	1.2	2.9	4.8	1.8
Khersonska	5.1	4.5	5.5	3.3	3.4	3.0	4.5	4.3	4.4	3.0	3.1	2.9	1.7	2.0	1.4	2.7	3.0	2.4
Khmelnytska	7.1	8.0	6.3	4.7	6.0	3.4	6.4	7.8	5.1	3.1	3.6	2.6	1.8	2.5	1.4	2.9	4.2	2.1
Cherkaska	7.4	6.5	8.2	4.4	4.2	4.6	6.4	6.4	6.6	2.8	2.9	2.7	1.5	1.8	1.3	2.4	2.9	2.1
Chernivetska	5.3	7.3	3.6	3.5	5.1	2.5	5.3	8.0	3.5	2.2	2.8	1.7	1.4	2.0	1.0	2.3	3.4	1.6
Chernihivska	9.9	10.2	9.6	6.5	7.3	5.9	9.1	10.1	8.2	3.1	2.2	3.8	1.6	1.3	1.8	2.6	2.2	3.0
Kyiv city	9.6	11.4	8.2	6.3	8.4	4.7	9.3	12.6	7.0	4.0	5.3	2.9	2.3	3.5	1.5	3.7	5.7	2.4
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>6.0</b>	<b>6.3</b>	<b>5.6</b>				<b>2.8</b>	<b>3.1</b>	<b>2.5</b>
AR Krym												
Vinnyska	113	56	57	7.3	7.8	6.8	49	27	22	3.2	3.8	2.6
Volynska	46	29	17	4.5	6.0	3.1	21	9	12	2.0	1.9	2.2
Dnipropetrovska	179	82	97	5.6	5.6	5.6	87	38	49	2.7	2.6	2.8
Donetska	60	29	31				37	25	12			
Zhytomyrska	60	30	30	4.9	5.3	4.6	38	21	17	3.1	3.7	2.6
Zakarpatska	56	25	31	4.5	4.2	4.8	36	12	24	2.9	2.0	3.7
Zaporizka	72	36	36	4.2	4.6	3.9	36	19	17	2.1	2.4	1.8
Ivano-Frankivska	72	40	32	5.3	6.2	4.4	37	22	15	2.7	3.4	2.1
Kyivska	112	48	64	6.4	5.9	6.7	49	26	23	2.8	3.2	2.4
Kirovohradska	63	35	28	6.7	8.1	5.5	33	21	12	3.5	4.9	2.4
Luhanska	43	20	23				16	11	5			
Lvivska	146	73	73	5.8	6.2	5.5	46	20	26	1.8	1.7	2.0
Mykolaivska	86	44	42	7.6	8.4	6.9	41	21	20	3.6	4.0	3.3
Odessa	100	42	58	4.2	3.8	4.6	40	22	18	1.7	2.0	1.4
Poltavska	80	45	35	5.7	7.0	4.7	46	24	22	3.3	3.7	2.9
Rivnenska	55	27	28	4.8	4.9	4.6	29	18	11	2.5	3.3	1.8
Sumska	56	28	28	5.2	5.7	4.8	25	12	13	2.3	2.4	2.2
Ternopil'ska	54	26	28	5.2	5.3	5.1	23	11	12	2.2	2.3	2.2
Kharkivska	160	81	79	6.0	6.6	5.5	88	51	37	3.3	4.1	2.6
Khersonska	44	17	27	4.3	3.5	4.9	18	5	13	1.7	1.0	2.3
Khmelnyska	69	34	35	5.5	5.8	5.2	39	23	16	3.1	3.9	2.4
Cherkaska	85	45	40	7.1	8.2	6.2	35	15	20	2.9	2.7	3.1
Chernivetska	45	21	24	5.0	5.0	5.0	26	12	14	2.9	2.8	2.9
Chernihivska	78	42	36	7.8	9.3	6.6	33	16	17	3.3	3.5	3.1
Kyiv city	294	145	149	10.1	10.8	9.5	112	66	46	3.9	4.9	2.9
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>7.1</b>	<b>22.4</b>	<b>19.1</b>	<b>24.0</b>	<b>26.4</b>	<b>28.0</b>		<b>74.4</b>	<b>99.5</b>	<b>9.9</b>	<b>42.8</b>	<b>44.0</b>	<b>41.8</b>
AR Krym													
Vinnyska	11.1	25.3	34.3	28.3	0.0	29.8	0	72.7	100.0	0.0	49.3	50.4	48.3
Volynska	0.0	23.3	18.6	53.5	4.7	27.5	1	58.1	100.0	2.3	32.8	33.2	32.5
Dnipropetrovska	6.8	42.2	18.0	28.6	1.9	35.8	3	75.8	100.0	8.1	38.7	39.7	37.9
Donetska	16.7	7.4	24.1	18.5	29.6			72.2	100.0	9.3			
Zhytomyrska	3.6	16.1	19.6	33.9	25.0	37.3	0	62.5	100.0	5.4	35.0	33.3	36.5
Zakarpatska	3.8	24.5	9.4	30.2	28.3	27.6	1	69.8	100.0	0.0	28.6	33.0	24.4
Zaporizka	6.5	21.0	12.9	17.7	40.3	28.3	1	54.8	98.6	0.0	27.1	27.8	26.6
Ivano-Frankivska	4.3	10.1	14.5	21.7	49.3	27.7	0	91.3	100.0	0.0	33.9	33.0	34.8
Kyivska	8.7	29.8	22.1	37.5	1.0	16.5	0	77.9	100.0	5.8	56.9	61.5	53.0
Kirovohradska	5.3	28.1	29.8	29.8	7.0	31.1	3	84.2	98.4	5.3	34.8	38.6	31.6
Luhanska	17.9	20.5	20.5	7.7	30.8			59.0	93.0	25.6			
Lvivska	4.5	18.2	15.2	3.8	58.3	24.0	0	78.0	99.3	5.3	54.0	53.1	54.8
Mykolaivska	6.4	17.9	24.4	28.2	23.1	34.2	1	75.6	98.8	19.2	44.6	48.3	41.4
Odessa	5.6	12.4	11.2	16.9	53.9	20.0	0	68.5	99.0	2.2	45.9	46.7	45.2
Poltavska	4.1	42.5	27.4	6.8	19.2	30.7	0	72.6	96.3	19.2	37.5	37.5	37.5
Rivnenska	3.8	7.7	13.5	9.6	65.4	20.0	0	69.2	100.0	3.8	35.2	35.0	35.4
Sumska	11.1	44.4	13.0	20.4	5.6	27.5	0	72.2	100.0	1.9	29.0	32.1	26.4
Ternopil'ska	8.2	18.4	26.5	10.2	36.7	31.6	1	75.5	100.0	22.4	35.1	36.7	33.7
Kharkivska	7.3	12.0	10.7	0.7	69.3	38.3	0	67.3	100.0	16.0	41.2	38.5	43.5
Khersonska	2.5	20.0	25.0	40.0	12.5	24.0	1	80.0	100.0	2.5	33.3	33.5	33.1
Khmelnyska	1.6	22.2	22.2	9.5	39.7	26.5	2	74.6	100.0	0.0	44.6	44.4	44.7
Cherkaska	11.0	19.5	20.7	40.2	7.3	22.1	0	85.4	100.0	7.3	57.1	60.1	54.6
Chernivetska	2.6	30.8	10.3	23.1	30.8	37.2	1	69.2	97.8	7.7	40.2	45.9	35.0
Chernihivska	6.9	19.4	20.8	50.0	2.8	24.0	1	84.7	100.0	2.8	50.4	53.6	47.8
Kyiv city	8.9	19.7	19.0	34.6	17.1	24.9	5	78.4	100.0	27.1	60.9	64.2	58.1
Sevastopol city													

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

Table 1 - General rates, 2018		👤👤	👤	👤
Incidence: number of new cases*		847	409	438
Incidence (crude rate)		2.4	2.5	2.3
Incidence (age-standardized, world standard)		1.4	1.6	1.3
Incidence (age-standardized, Ukrainian standard)		2.2	2.6	2.0
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		0.5% ~~	6.5% ~~	-3.9% ~~
Mortality: number of new cases*		506	254	252
Mortality (crude rate)		1.4	1.5	1.3
Mortality (age-standardized, world standard)		0.8	1.0	0.7
Mortality (age-standardized, Ukrainian standard)		1.3	1.7	1.1
Lived less than 1 year since the diagnosis in 2018, %		29.6	32.8	26.6
From among the newly diagnosed – diagnosed post mortem, %		1.4	1.0	1.7
Microscopically verified diagnoses, %		97.0	96.1	97.9
Diagnoses verified with histology, %		58.1	59.9	56.4
Unspecified morphology, %		0.0	0.0	0.0
Patients diagnosed during the preventive medical examinations, %		7.6	8.3	6.8
Newly diagnosed patients received the anti-cancer treatment, %		78.6	76.1	81.0
- surgical treatment only, %		0.7	0.8	0.7
- treatment combined or complex, %		2.1	3.1	1.2
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*	-	-	-
	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, 2018	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)		
	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤	👤👤	👤	👤
<b>Ukraine</b>	<b>2.4</b>	<b>2.5</b>	<b>2.3</b>	<b>1.4</b>	<b>1.6</b>	<b>1.3</b>	<b>2.2</b>	<b>2.6</b>	<b>2.0</b>	<b>1.4</b>	<b>1.5</b>	<b>1.3</b>	<b>0.8</b>	<b>1.0</b>	<b>0.7</b>	<b>1.3</b>	<b>1.7</b>	<b>1.1</b>
AR Krym																		
Vinnitska	2.7	2.8	2.6	1.6	1.8	1.5	2.4	2.8	2.3	1.9	1.8	1.9	1.0	1.2	0.9	1.8	2.2	1.6
Volynska	2.7	2.3	3.1	1.9	1.8	1.9	2.8	2.7	2.9	1.3	1.8	0.7	0.8	1.4	0.5	1.2	2.3	0.6
Dnipropetrovska	2.4	2.5	2.2	1.4	1.7	1.1	2.1	2.3	1.8	1.5	1.6	1.4	0.9	1.0	0.7	1.4	1.6	1.2
Donetska																		
Zhytomyrska	2.0	2.6	1.4	1.2	1.8	0.7	1.9	2.7	1.2	1.5	1.4	1.5	0.8	0.9	0.7	1.3	1.7	1.1
Zakarpatska	1.8	1.8	1.7	1.3	1.4	1.0	2.0	2.1	1.8	1.2	0.8	1.5	0.8	0.7	0.9	1.2	1.0	1.4
Zaporizka	2.0	1.4	2.6	1.0	0.8	1.2	1.6	1.5	1.9	1.1	0.8	1.4	0.6	0.5	0.7	1.0	0.7	1.1
Ivano-Frankivska	2.0	2.3	1.7	1.3	1.6	1.0	1.9	2.4	1.6	1.6	1.7	1.5	1.1	1.3	0.9	1.6	1.9	1.4
Kyivska	2.8	3.0	2.7	1.6	2.0	1.4	2.6	3.3	2.1	1.2	1.0	1.4	0.7	0.6	0.7	1.1	0.9	1.2
Kirovohradska	2.2	1.8	2.5	1.2	1.1	1.3	1.8	1.6	1.9	1.2	1.4	1.0	0.6	0.8	0.5	1.0	1.2	0.8
Luhanska																		
Lvivska	2.4	2.8	2.0	1.3	1.8	1.0	2.3	3.2	1.7	1.4	1.9	0.8	0.7	1.2	0.4	1.3	2.1	0.8
Mykolaiivska	2.4	1.9	2.8	1.4	1.3	1.5	2.2	2.0	2.4	0.9	1.3	0.5	0.5	0.8	0.3	0.8	1.4	0.4
Odessa	1.4	1.4	1.3	0.8	1.0	0.8	1.4	1.8	1.2	0.7	0.9	0.5	0.4	0.6	0.2	0.6	1.1	0.4
Poltavska	2.4	2.9	2.0	1.3	1.7	1.0	2.0	2.8	1.5	0.8	1.1	0.5	0.3	0.6	0.2	0.6	0.9	0.4
Rivnenska	2.0	1.5	2.5	1.5	1.2	1.6	2.2	1.6	2.6	1.7	1.5	2.0	1.2	1.2	1.1	1.8	1.8	1.8
Sumska	1.9	2.4	1.5	1.0	1.4	0.7	1.5	1.9	1.2	1.1	1.0	1.2	0.6	0.6	0.7	0.9	0.8	0.9
Terнопil'ska	1.7	1.0	2.3	1.0	0.7	1.3	1.8	1.3	2.2	1.6	2.0	1.3	1.0	1.5	0.7	1.6	2.3	1.1
Kharkivska	2.5	2.7	2.2	1.4	1.8	1.2	2.2	2.9	1.8	1.7	1.5	1.9	0.9	1.0	0.8	1.5	1.6	1.3
Khersonska	1.7	2.3	1.3	1.0	1.4	0.7	1.4	2.1	1.0	0.5	0.2	0.7	0.3	0.2	0.4	0.4	0.2	0.6
Khmelnitska	2.3	3.1	1.6	1.4	2.0	1.0	2.0	3.0	1.3	2.4	3.1	1.8	1.2	1.9	0.8	2.1	3.2	1.4
Cherkaska	2.5	3.0	2.0	1.4	2.0	1.1	2.4	3.6	1.7	1.3	1.6	1.1	0.7	1.0	0.5	1.1	1.8	0.7
Chernivetska	2.2	2.8	1.7	1.5	2.1	1.0	2.4	3.2	1.7	0.9	0.9	0.8	0.6	0.7	0.5	1.0	1.1	0.9
Chernihivska	2.5	2.4	2.5	1.4	1.6	1.3	2.2	2.4	2.0	1.8	2.0	1.6	0.9	1.3	0.6	1.5	2.0	1.1
Kyiv city	4.2	3.8	4.5	2.6	2.6	2.7	4.1	4.3	4.0	2.3	2.6	2.1	1.3	1.7	1.0	2.2	2.9	1.8
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>2.4</b>	<b>2.3</b>	<b>2.5</b>				<b>1.4</b>	<b>1.4</b>	<b>1.4</b>
AR Krym												
Vinnyska	46	24	22	3.0	3.3	2.6	21	7	14	1.4	1.0	1.7
Volynska	33	16	17	3.2	3.3	3.1	16	5	11	1.6	1.0	2.0
Dnipropetrovska	53	22	31	1.7	1.5	1.8	48	22	26	1.5	1.5	1.5
Donetska	22	7	15				12	7	5			
Zhytomyrska	25	15	10	2.1	2.6	1.5	13	6	7	1.1	1.1	1.1
Zakarpatska	14	10	4	1.1	1.7	0.6	12	4	8	1.0	0.7	1.2
Zaporizka	30	11	19	1.8	1.4	2.1	15	7	8	0.9	0.9	0.9
Ivano-Frankivska	29	13	16	2.1	2.0	2.2	18	6	12	1.3	0.9	1.7
Kyivska	39	16	23	2.2	2.0	2.4	27	14	13	1.5	1.7	1.4
Kirovohradska	16	5	11	1.7	1.2	2.2	13	8	5	1.4	1.9	1.0
Luhanska	7	5	2				7	6	1			
Lvivska	81	33	48	3.2	2.8	3.6	31	18	13	1.2	1.5	1.0
Mykolaivska	20	10	10	1.8	1.9	1.7	12	5	7	1.1	1.0	1.2
Odessa	40	19	21	1.7	1.7	1.7	14	10	4	0.6	0.9	0.3
Poltavska	24	15	9	1.7	2.3	1.2	16	10	6	1.2	1.6	0.8
Rivnenska	19	5	14	1.6	0.9	2.3	14	6	8	1.2	1.1	1.3
Sumska	13	5	8	1.2	1.0	1.4	12	7	5	1.1	1.4	0.9
Ternopil'ska	25	10	15	2.4	2.1	2.7	7	2	5	0.7	0.4	0.9
Kharkivska	75	32	43	2.8	2.6	3.0	42	19	23	1.6	1.5	1.6
Khersonska	24	8	16	2.3	1.7	2.9	21	11	10	2.0	2.3	1.8
Khmelnyska	37	15	22	2.9	2.6	3.3	23	10	13	1.8	1.7	1.9
Cherkaska	43	17	26	3.6	3.1	4.0	31	18	13	2.6	3.3	2.0
Chernivetska	27	17	10	3.0	4.0	2.1	16	5	11	1.8	1.2	2.3
Chernihivska	22	10	12	2.2	2.2	2.2	13	1	12	1.3	0.2	2.2
Kyiv city	130	61	69	4.5	4.5	4.4	54	27	27	1.9	2.0	1.7
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>						<b>29.6</b>		<b>79.5</b>	<b>96.4</b>	<b>6.8</b>	<b>10.2</b>	<b>9.8</b>	<b>10.6</b>
AR Krym													
Vinnyska						35.7	0	97.7	97.8	2.3	9.8	10.2	9.5
Volynska						11.1	1	84.4	87.9	0.0	10.8	9.4	11.9
Dnipropetrovska						35.1	1	88.0	100.0	2.0	7.2	6.6	7.6
Donetska								90.5	86.4	0.0			
Zhytomyrska						21.7	0	75.0	100.0	0.0	8.4	9.2	7.7
Zakarpatska						28.6	0	57.1	92.9	0.0	6.8	7.0	6.6
Zaporizka						25.0	1	17.9	96.7	0.0	7.6	5.8	9.2
Ivano-Frankivska						28.0	0	96.3	100.0	0.0	8.9	7.6	10.1
Kyivska						25.5	0	77.8	100.0	0.0	12.7	12.5	12.9
Kirovohradska						21.1	1	86.7	100.0	0.0	6.5	5.1	7.7
Luhanska								50.0	100.0	0.0			
Lvivska						28.3	1	94.7	84.0	1.3	15.3	14.0	16.6
Mykolaivska						12.5	0	82.4	95.0	0.0	10.3	9.0	11.4
Odessa						25.8	0	70.0	92.5	0.0	10.2	9.0	11.3
Poltavska						31.0	0	45.5	91.7	13.6	9.3	10.6	8.1
Rivnenska						27.3	0	29.4	100.0	0.0	8.0	6.2	9.6
Sumska						40.0	0	83.3	100.0	0.0	7.0	7.1	7.0
Ternopil'ska						41.2	0	95.8	100.0	12.5	8.7	7.4	9.9
Kharkivska						34.4	0	71.8	100.0	11.3	10.9	10.6	11.1
Khersonska						27.8	0	87.0	95.8	0.0	6.6	6.0	7.0
Khmelnyska						29.6	0	88.6	100.0	0.0	9.0	8.0	9.8
Cherkaska						20.7	0	97.4	100.0	10.5	13.6	12.9	14.2
Chernivetska						25.0	0	36.0	92.6	4.0	9.8	11.3	8.4
Chernihivska						45.8	0	85.0	100.0	0.0	7.1	7.7	6.6
Kyiv city						33.9	6	87.5	100.0	29.2	17.4	18.4	16.4
Sevastopol city													

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

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		2992	1637	1355
Incidence (crude rate)		8.3	9.8	7.1
Incidence (age-standardized, world standard)		6.2	7.8	5.1
Incidence (age-standardized, Ukrainian standard)		7.9	10.6	6.2
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-1.3% ~~	2.3% ~~	-4.4% ~~
Mortality: number of new cases*		1632	898	734
Mortality (crude rate)		4.6	5.4	3.8
Mortality (age-standardized, world standard)		2.9	3.9	2.3
Mortality (age-standardized, Ukrainian standard)		4.3	6.0	3.2
Lived less than 1 year since the diagnosis in 2018, %		33.5	32.9	34.2
From among the newly diagnosed – diagnosed post mortem, %		1.8	1.3	2.4
Microscopically verified diagnoses, %		100.0	100.0	100.0
Diagnoses verified with histology, %		56.0	55.7	56.5
Unspecified morphology, %		-	-	-
Patients diagnosed during the preventive medical examinations, %		7.8	7.9	7.6
Newly diagnosed patients received the anti-cancer treatment, %		59.7	60.3	58.9
- surgical treatment only, %		0.2	0.2	0.3
- treatment combined or complex, %		0.9	0.6	1.2
Incidence of children population (age 0-17 years):	cases*	289	153	136
	rate per 100 000 of children population	4.3	4.4	4.2
Mortality of children population (age 0-17 years):	cases*	68	39	29
	rate per 100 000 of children population	1.0	1.1	0.9

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

Table 2 - Incidence and mortality, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>8.3</b>	<b>9.8</b>	<b>7.1</b>	<b>6.2</b>	<b>7.8</b>	<b>5.1</b>	<b>7.9</b>	<b>10.6</b>	<b>6.2</b>	<b>4.6</b>	<b>5.4</b>	<b>3.8</b>	<b>2.9</b>	<b>3.9</b>	<b>2.3</b>	<b>4.3</b>	<b>6.0</b>	<b>3.2</b>
AR Krym																		
Vinnitska	11.7	14.5	9.4	8.6	10.5	7.4	10.9	14.4	8.7	4.5	5.7	3.6	2.8	4.1	2.0	4.0	6.1	2.7
Volynska	7.0	9.8	4.4	5.3	8.2	3.3	7.5	12.5	4.4	3.5	4.9	2.2	2.3	4.0	1.1	3.8	6.7	1.9
Dnipropetrovska	7.5	8.6	6.6	5.7	6.6	5.4	7.1	9.5	5.8	5.5	6.5	4.6	3.5	4.7	2.8	5.1	7.3	3.8
Donetska																		
Zhytomyrska	9.0	10.1	8.0	6.6	7.8	5.9	8.6	11.1	7.0	6.0	8.2	4.1	3.8	5.5	2.8	5.5	9.0	3.5
Zakarpatska	6.1	7.1	5.1	4.9	6.1	4.2	6.4	8.7	4.8	3.9	5.1	2.8	2.9	4.0	2.0	4.2	5.9	3.0
Zaporizka	5.2	5.3	5.0	4.3	4.5	4.3	4.7	5.4	4.4	2.5	2.8	2.2	1.7	2.4	1.3	2.3	3.3	1.7
Ivano-Frankivska	6.8	8.5	5.4	5.1	6.5	4.2	6.8	9.4	5.1	3.6	4.0	3.3	2.4	2.8	2.4	3.7	5.3	3.0
Kyivska	6.4	9.2	3.9	4.7	7.5	2.5	6.1	9.6	3.7	3.4	4.2	2.8	2.2	3.2	1.6	3.2	4.6	2.4
Kirovohradska	7.0	10.3	4.1	5.3	7.8	3.4	6.5	10.1	4.0	4.5	6.2	3.1	3.4	5.1	1.9	4.3	6.5	2.8
Luhanska																		
Lvivska	6.4	7.5	5.4	5.1	6.0	4.5	6.3	8.6	4.9	3.4	4.1	2.7	2.2	3.0	1.8	3.3	4.7	2.5
Mykolaiivska	7.5	8.3	6.7	4.6	6.1	3.5	6.7	9.0	5.4	2.4	3.0	1.8	1.7	2.4	1.0	2.1	2.9	1.4
Odessa	6.0	7.7	4.5	5.4	7.4	3.8	6.0	8.9	3.9	2.5	3.1	2.0	1.8	2.5	1.3	2.4	3.7	1.5
Poltavska	8.9	9.9	8.1	6.9	8.3	5.8	8.0	9.6	6.8	4.2	5.4	3.2	2.4	3.5	1.7	3.5	5.5	2.3
Rivnenska	6.8	8.4	5.4	5.9	7.8	4.3	7.1	9.9	5.1	3.9	4.7	3.1	2.9	4.1	2.1	4.2	6.3	2.9
Sumska	9.5	11.2	8.1	6.5	9.1	4.4	8.4	11.5	6.3	4.6	4.2	4.9	2.6	3.1	2.3	4.2	5.2	3.7
Terнопil'ska	7.4	10.2	5.0	5.9	8.5	4.2	7.2	11.4	4.7	4.7	5.7	3.8	3.2	4.5	2.3	4.7	6.7	3.4
Kharkivska	12.0	13.5	10.8	8.6	11.0	6.8	10.8	14.2	8.6	5.9	7.1	4.9	3.5	4.6	2.9	5.0	7.1	3.8
Khersonska	9.4	11.3	7.7	6.5	8.3	5.8	8.9	13.4	6.8	6.2	7.0	5.5	4.0	5.0	3.6	5.8	8.0	4.7
Khmelnytska	11.7	14.6	9.3	7.8	10.5	5.9	10.9	15.3	7.9	6.2	7.0	5.6	3.7	4.5	3.3	5.7	7.3	4.7
Cherkaska	15.3	17.0	13.8	9.8	12.3	8.0	13.4	17.4	10.7	6.9	8.1	5.9	4.1	4.9	3.8	6.2	8.1	5.2
Chernivetska	6.5	8.0	5.2	4.8	6.4	3.5	6.2	8.4	4.6	3.9	4.5	3.4	2.5	3.4	1.9	3.8	5.4	2.7
Chernihivska	8.9	9.4	8.5	5.5	6.7	4.7	7.2	9.4	5.8	5.0	5.0	5.1	2.8	3.4	2.4	4.2	4.7	3.9
Kyiv city	9.3	9.4	9.3	6.9	7.2	6.8	9.3	10.2	8.7	6.4	6.8	6.0	3.9	4.7	3.4	6.2	7.6	5.3
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>7.1</b>	<b>8.2</b>	<b>6.2</b>				<b>3.9</b>	<b>4.5</b>	<b>3.4</b>
AR Krym												
Vinnyska	130	70	60	8.4	9.7	7.2	70	35	35	4.5	4.9	4.2
Volynska	69	38	31	6.7	7.8	5.7	36	24	12	3.5	4.9	2.2
Dnipropetrovska	198	89	109	6.2	6.1	6.3	122	59	63	3.8	4.0	3.6
Donetska	52	25	27				42	19	23			
Zhytomyrska	77	46	31	6.3	8.1	4.8	47	24	23	3.9	4.2	3.5
Zakarpatska	65	41	24	5.2	6.8	3.7	41	23	18	3.3	3.8	2.8
Zaporizka	87	42	45	5.1	5.4	4.9	28	15	13	1.6	1.9	1.4
Ivano-Frankivska	91	51	40	6.6	7.9	5.5	63	35	28	4.6	5.4	3.9
Kyivska	118	65	53	6.7	8.0	5.6	48	26	22	2.7	3.2	2.3
Kirovohradska	95	51	44	10.1	11.8	8.7	38	21	17	4.1	4.9	3.4
Luhanska	26	13	13				18	9	9			
Lvivska	208	110	98	8.3	9.3	7.4	68	38	30	2.7	3.2	2.3
Mykolaivska	101	55	46	8.9	10.5	7.6	37	18	19	3.3	3.4	3.1
Odessa	96	52	44	4.1	4.7	3.5	44	24	20	1.9	2.2	1.6
Poltavska	84	46	38	6.0	7.2	5.1	49	27	22	3.5	4.2	2.9
Rivnenska	60	30	30	5.2	5.5	4.9	29	15	14	2.5	2.7	2.3
Sumska	74	42	32	6.9	8.5	5.5	40	19	21	3.7	3.8	3.6
Ternopil'ska	71	39	32	6.8	8.0	5.8	43	24	19	4.1	4.9	3.4
Kharkivska	214	118	96	8.1	9.6	6.7	147	83	64	5.5	6.7	4.5
Khersonska	89	42	47	8.6	8.7	8.5	63	40	23	6.1	8.3	4.1
Khmelnyska	104	54	50	8.2	9.2	7.4	86	44	42	6.8	7.5	6.2
Cherkaska	150	90	60	12.5	16.3	9.2	66	34	32	5.5	6.2	4.9
Chernivetska	42	21	21	4.7	5.0	4.4	37	23	14	4.1	5.4	2.9
Chernihivska	93	45	48	9.3	9.9	8.8	40	20	20	4.0	4.4	3.7
Kyiv city	235	121	114	8.1	9.0	7.3	142	70	72	4.9	5.2	4.6
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, 2019	New cases by form , %				Lived less than 1 year since diagnosis in 2018, %	of which diagnosed post-mortem	Received special treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Patients per 100 000 of population		
	Acute	Chronic	Sub- acute	Un- specified						♂	♀	♂+♀
<b>Ukraine</b>	<b>40.8</b>	<b>51.2</b>	<b>0.1</b>	<b>7.8</b>	<b>33.5</b>		<b>62.2</b>	<b>99.8</b>	<b>8.7</b>	<b>56.1</b>	<b>62.6</b>	<b>50.5</b>
AR Krym												
Vinnyska	46.9	49.2	0.0	3.9	22.7	0	89.1	100.0	0.0	71.5	79.0	65.0
Volynska	43.8	43.8	0.0	12.5	24.6	0	54.7	100.0	1.6	53.8	62.2	46.4
Dnipropetrovska	53.7	41.5	1.1	3.7	43.2	6	76.1	100.0	12.8	48.8	55.3	43.4
Donetska	46.7	48.9	0.0	4.4			35.6	100.0	0.0			
Zhytomyrska	37.8	54.1	0.0	8.1	34.9	0	44.6	96.1	6.8	62.1	64.8	59.7
Zakarpatska	43.5	56.5	0.0	0.0	33.8	1	58.1	100.0	0.0	40.5	46.3	35.2
Zaporizka	32.9	55.7	0.0	11.4	31.0	2	2.5	100.0	7.6	40.6	44.3	37.6
Ivano-Frankivska	47.1	50.6	0.0	2.3	33.7	2	92.0	100.0	0.0	40.8	48.7	33.7
Kyivska	44.4	50.0	0.0	5.6	26.9	0	76.9	100.0	2.8	65.4	73.2	58.9
Kirovohradska	19.8	59.3	0.0	20.9	30.5	2	52.3	100.0	8.1	54.6	61.9	48.4
Luhanska	43.5	47.8	0.0	8.7			26.1	96.2	4.3			
Lvivska	44.3	47.4	0.0	8.2	39.0	0	72.7	100.0	7.2	51.1	55.5	47.2
Mykolajivska	41.3	53.3	1.1	4.3	24.3	2	42.4	100.0	23.9	63.9	71.0	57.7
Odessa	48.9	30.7	0.0	20.5	30.4	3	70.5	99.0	0.0	42.7	45.6	40.2
Poltavska	55.7	41.8	0.0	2.5	28.0	0	35.4	100.0	25.3	50.7	58.2	44.3
Rivnenska	42.1	49.1	0.0	8.8	28.0	0	66.7	100.0	1.8	41.2	46.6	36.3
Soumska	40.0	54.3	0.0	5.7	21.4	0	67.1	100.0	1.4	68.1	78.3	59.4
Ternopil'ska	31.9	59.4	0.0	8.7	30.3	1	95.7	100.0	14.5	47.1	54.5	40.6
Kharkivska	39.1	52.6	0.0	8.3	40.6	3	39.1	100.0	12.5	64.6	66.8	62.6
Khersonska	41.0	54.2	0.0	4.8	40.9	2	51.8	98.9	1.2	48.4	51.4	45.8
Khmelnitska	50.5	48.5	0.0	1.0	34.3	2	66.0	100.0	2.1	74.0	90.1	60.1
Cherkaska	20.0	63.0	0.0	17.0	23.2	3	60.0	100.0	11.1	107.7	120.2	97.0
Chernivetska	43.2	54.1	0.0	2.7	31.0	4	45.9	100.0	2.7	49.9	58.9	42.0
Chernihivska	28.1	69.7	0.0	2.2	41.4	2	79.8	100.0	4.5	60.5	67.0	55.0
Kyiv city	36.2	52.1	0.0	11.7	42.1	16	72.9	100.0	25.5	58.5	66.8	51.3
Sevastopol city												

Table 1 - General rates, 2018		♂	♀	♂
Incidence: number of new cases*		3074	1778	1296
Incidence (crude rate)		8.6	10.7	6.8
Incidence (age-standardized, world standard)		4.6	6.9	3.1
Incidence (age-standardized, Ukrainian standard)		7.7	11.7	5.2
Change of incidence rate 2018 vs 2017, % (Ukrainian standard)		-6.9% ↓↓	-9.2% ↓↓	-3.5% ~~
Mortality: number of new cases*		2237	1355	882
Mortality (crude rate)		6.2	8.1	4.6
Mortality (age-standardized, world standard)		3.4	5.3	2.1
Mortality (age-standardized, Ukrainian standard)		5.6	8.9	3.5
Lived less than 1 year since the diagnosis in 2018, %		66.0	68.9	62.0
From among the newly diagnosed – diagnosed post mortem, %		1.3	1.2	1.5
Microscopically verified diagnoses, %		34.4	34.8	33.8
Diagnoses verified with histology, %		27.4	27.6	27.1
Unspecified morphology, %		22.0	22.1	21.9
Patients diagnosed during the preventive medical examinations, %		1.6	1.2	2.1
Newly diagnosed patients received the anti-cancer treatment, %		19.4	19.9	18.6
- surgical treatment only, %		3.8	2.8	5.2
- treatment combined or complex, %		3.5	3.5	3.5
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*	3	2	1
	rate per 100 000 of children population	0.0	0.1	0.0

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

Table 2 - Incidence and mortality, 2018	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)		
	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂	♂	♀	♂
<b>Ukraine</b>	<b>8.6</b>	<b>10.7</b>	<b>6.8</b>	<b>4.6</b>	<b>6.9</b>	<b>3.1</b>	<b>7.7</b>	<b>11.7</b>	<b>5.2</b>	<b>6.2</b>	<b>8.1</b>	<b>4.6</b>	<b>3.4</b>	<b>5.3</b>	<b>2.1</b>	<b>5.6</b>	<b>8.9</b>	<b>3.5</b>
AR Krym																		
Vinnitska	8.2	11.3	5.5	4.5	7.2	2.6	7.5	11.5	4.7	7.7	10.8	5.0	3.9	6.6	2.1	6.6	11.1	3.7
Volynska	9.3	14.1	4.9	5.8	10.7	2.5	9.9	17.9	4.7	7.2	11.7	3.3	4.8	9.0	1.8	8.1	15.5	3.2
Dnipropetrovska	11.0	12.6	9.6	5.6	7.9	4.2	9.4	13.5	7.2	7.5	8.8	6.4	3.9	5.5	2.9	6.5	9.3	4.9
Donetska																		
Zhytomyrska	6.6	8.2	5.2	3.8	5.8	2.5	6.2	9.8	4.0	5.7	7.2	4.4	3.1	4.9	2.0	5.2	8.4	3.2
Zakarpatska	9.1	11.3	7.1	6.0	8.6	4.2	10.1	14.9	7.2	5.7	8.5	3.1	3.8	6.4	1.9	6.1	10.6	2.9
Zaporizka	8.7	9.4	8.1	4.3	5.8	3.3	7.0	9.8	5.4	5.8	7.1	4.6	2.9	4.6	1.8	4.8	7.5	3.0
Ivano-Frankivska	10.8	13.4	8.4	6.0	9.3	3.6	10.2	15.5	6.5	9.2	11.5	7.0	5.3	8.3	3.0	9.0	13.6	5.7
Kyivska	8.9	10.5	7.6	4.6	6.9	3.2	8.0	12.1	5.7	6.8	9.5	4.6	3.6	6.2	1.9	6.2	11.0	3.4
Kirovohradska	13.7	17.8	10.2	7.1	10.8	4.8	11.4	18.0	7.5	9.1	13.0	5.7	4.8	8.0	2.7	7.6	13.3	4.1
Luhanska																		
Lvivska	9.9	13.4	6.8	5.7	9.0	3.3	9.4	15.3	5.6	6.7	8.9	4.8	4.0	6.2	2.4	6.5	10.6	3.9
Mykolaiivska	13.1	17.2	9.5	6.9	10.9	4.2	11.2	17.6	7.1	8.9	13.1	5.2	4.7	8.3	2.3	7.5	12.9	3.8
Odesska	8.9	11.0	6.9	4.9	7.6	3.0	8.3	12.7	5.3	5.4	7.1	4.0	3.0	4.8	1.7	5.0	7.9	3.1
Poltavska	6.7	7.9	5.7	3.4	4.7	2.5	5.5	7.7	4.1	4.6	5.6	3.8	2.3	3.3	1.6	3.8	5.7	2.7
Rivnenska	6.6	8.4	5.1	4.3	6.5	2.9	7.2	11.1	4.8	4.9	6.7	3.3	3.1	5.1	1.9	5.2	8.8	3.0
Sumska	8.4	9.6	7.4	4.0	5.4	3.1	6.7	9.0	5.2	6.7	7.2	6.3	3.3	4.4	2.5	5.6	7.4	4.3
Ternopil'ska	6.9	10.0	4.1	3.8	6.5	2.0	6.3	11.1	3.2	6.0	8.8	3.6	3.5	5.8	2.0	5.5	9.6	2.9
Kharkiv'ska	4.7	5.7	3.8	2.5	3.5	2.0	4.1	5.9	3.2	3.1	3.7	2.6	1.6	2.3	1.2	2.7	3.7	2.1
Kherson'ska	8.3	9.9	7.0	4.3	6.0	3.2	7.2	10.1	5.4	6.3	8.5	4.5	3.6	5.4	2.3	5.5	8.4	3.4
Khmelnytska	12.9	15.9	10.3	6.7	10.0	4.6	11.3	17.1	7.7	9.6	12.9	6.8	5.0	8.0	3.0	8.3	13.3	5.1
Cherkaska	5.6	6.5	4.9	2.8	3.9	2.1	4.9	6.9	3.7	4.6	4.7	4.6	2.4	3.0	1.9	4.1	4.8	3.5
Chernivetska	8.4	12.0	5.2	5.0	8.4	2.6	8.2	14.1	4.4	7.0	10.1	4.2	4.0	6.6	2.3	6.7	11.3	3.8
Chernihiv'ska	9.3	13.1	6.2	4.5	8.0	2.4	7.8	13.9	4.2	7.3	10.7	4.5	3.8	6.5	2.1	6.4	11.3	3.5
Kyiv city	5.5	5.8	5.3	3.0	3.8	2.5	5.1	6.3	4.4	3.7	3.6	3.8	2.0	2.3	1.9	3.4	3.9	3.2
Sevastopol city																		

Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>7.3</b>	<b>9.2</b>	<b>5.7</b>				<b>5.1</b>	<b>6.4</b>	<b>4.0</b>
AR Krym												
Vinnyska	110	66	44	7.1	9.2	5.3	83	48	35	5.3	6.7	4.2
Volynska	100	61	39	9.7	12.5	7.2	67	40	27	6.5	8.2	5.0
Dnipropetrovska	312	157	155	9.7	10.7	8.9	184	101	83	5.7	6.9	4.8
Donetska	151	67	84				97	49	48			
Zhytomyrska	70	36	34	5.7	6.3	5.2	44	17	27	3.6	3.0	4.1
Zakarpatska	95	58	37	7.6	9.6	5.7	59	34	25	4.7	5.6	3.8
Zaporizka	132	80	52	7.7	10.3	5.6	93	48	45	5.5	6.2	4.9
Ivano-Frankivska	119	74	45	8.7	11.4	6.2	100	63	37	7.3	9.7	5.1
Kyivska	107	74	33	6.1	9.1	3.5	74	46	28	4.2	5.7	2.9
Kirovohradska	119	63	56	12.7	14.6	11.1	82	42	40	8.7	9.7	7.9
Luhanska	32	18	14				21	13	8			
Lvivska	181	100	81	7.2	8.4	6.2	137	79	58	5.5	6.7	4.4
Mykolaivska	128	74	54	11.3	14.1	8.9	85	46	39	7.5	8.8	6.4
Odessa	140	66	74	5.9	5.9	5.9	112	64	48	4.7	5.7	3.8
Poltavska	72	46	26	5.2	7.2	3.5	54	39	15	3.9	6.1	2.0
Rivnenska	58	37	21	5.0	6.7	3.5	44	32	12	3.8	5.8	2.0
Sumska	73	46	27	6.8	9.3	4.6	36	21	15	3.3	4.2	2.6
Ternopil'ska	81	56	25	7.8	11.5	4.5	51	37	14	4.9	7.6	2.5
Kharkivska	119	62	57	4.5	5.0	4.0	74	36	38	2.8	2.9	2.7
Khersonska	115	71	44	11.1	14.8	7.9	75	51	24	7.2	10.6	4.3
Khmelnyska	123	74	49	9.8	12.6	7.3	107	64	43	8.5	10.9	6.4
Cherkaska	54	31	23	4.5	5.6	3.5	40	17	23	3.3	3.1	3.5
Chernivetska	56	36	20	6.2	8.5	4.2	53	36	17	5.9	8.5	3.6
Chernihivska	92	61	31	9.2	13.5	5.7	59	39	20	5.9	8.6	3.7
Kyiv city	157	98	59	5.4	7.3	3.8	104	56	48	3.6	4.2	3.1
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>			<b>3.2</b>	<b>45.8</b>	<b>0.5</b>	<b>66.0</b>		<b>22.1</b>	<b>38.2</b>	<b>1.6</b>	<b>19.1</b>	<b>20.4</b>	<b>18.0</b>
AR Krym													
Vinnyska			0.0	75.2	0.0	73.2	0	18.8	28.2	1.0	14.2	15.0	13.4
Volynska			0.0	83.7	0.0	67.7	1	21.4	35.0	4.1	22.2	26.3	18.5
Dnipropetrovska			0.3	2.6	0.0	60.5	6	13.9	24.4	0.3	17.2	16.7	17.6
Donetska			0.7	8.3	1.4			26.4	32.5	10.4			
Zhytomyrska			1.5	94.1	0.0	72.0	0	35.3	65.7	1.5	14.6	18.0	11.6
Zakarpatska			0.0	0.0	0.0	64.0	1	29.0	38.9	0.0	20.3	20.6	20.1
Zaporizka			0.0	96.0	0.8	53.9	1	18.3	34.1	0.8	21.9	24.7	19.6
Ivano-Frankivska			3.5	73.9	0.0	74.0	1	17.4	30.3	0.9	13.0	14.5	11.6
Kyivska			5.3	77.9	0.0	70.5	1	32.6	41.1	0.0	21.4	23.6	19.5
Kirovohradska			0.9	26.1	0.0	67.8	0	21.7	31.9	0.0	20.2	21.0	19.6
Luhanska			6.3	75.0	3.1			28.1	78.1	0.0			
Lvivska			6.6	92.2	0.0	62.9	2	27.5	37.0	0.6	23.1	24.1	22.2
Mykolaivska			3.4	95.0	0.0	65.8	3	26.9	43.8	0.8	31.1	34.2	28.5
Odessa			0.0	69.2	6.9	53.0	0	16.9	37.1	0.0	25.4	26.9	24.1
Poltavska			38.2	54.4	1.5	68.4	0	25.0	36.1	2.9	16.4	17.4	15.6
Rivnenska			3.4	0.0	0.0	65.8	0	10.3	29.3	0.0	13.6	13.1	14.0
Sumska			1.5	6.0	0.0	64.4	0	23.9	53.4	1.5	20.2	20.2	20.2
Ternopil'ska			3.9	0.0	0.0	72.5	1	26.0	38.3	2.6	18.7	21.5	16.2
Kharkivska			18.8	74.1	0.0	70.0	2	21.4	44.5	1.8	19.6	19.7	19.4
Khersonska			0.0	11.1	0.0	71.6	0	26.9	40.0	6.5	14.7	13.7	15.5
Khmelnyska			0.0	36.8	0.0	66.5	0	18.8	27.6	0.9	20.8	22.5	19.2
Cherkaska			2.2	82.2	0.0	76.9	6	26.7	57.4	0.0	12.0	13.2	10.9
Chernivetska			0.0	92.7	0.0	74.7	0	25.5	21.4	3.6	24.2	25.2	23.3
Chernihivska			0.0	2.2	0.0	80.2	0	23.3	48.9	0.0	16.3	19.4	13.6
Kyiv city			0.0	0.0	0.0	62.0	14	16.1	61.1	0.0	16.6	18.6	15.0
Sevastopol city													

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

<b>Table 1 - General rates, 2018</b>			
Incidence: number of new cases*	958	529	429
Incidence (crude rate)	14.3	15.3	13.2
Incidence (age-standardized, world standard)	14.7	15.8	13.7
Incidence (age-standardized, Ukrainian standard)	14.0	15.0	13.0
Change of incidence rate 2018 compared to 2017, % (Ukrainian standard)	-3.1%	-5.0%	-0.7%
	~~	~~	~~
Mortality: number of new cases*	223	128	95
Mortality (crude rate)	3.3	3.7	2.9
Mortality (age-standardized, world standard)	3.4	3.8	3.0
Mortality (age-standardized, Ukrainian standard)	3.4	3.9	2.8
Lived less than 1 year since the diagnosis in 2018, %	12.6	12.1	13.1
From among the newly diagnosed – diagnosed post mortem, %	0.3	0.4	0.2
Microscopically verified diagnoses, %	97.0	97.0	97.0
Diagnoses verified with histology, %	83.0	83.2	82.8
Unspecified morphology, %	1.4	1.4	1.4
Patients diagnosed during the preventive medical examinations, %	10.2	10.0	10.5
Newly diagnosed patients received the special treatment, %	85.4	85.6	85.0
- surgical treatment only, %	10.5	8.5	12.9
- combined or complex scheme of treatment, %	22.7	22.2	23.4

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

<b>Table 2 - Incidence and mortality, 2018</b>	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)		
<b>Ukraine</b>	<b>14.3</b>	<b>15.3</b>	<b>13.2</b>	<b>14.7</b>	<b>15.8</b>	<b>13.7</b>	<b>14.0</b>	<b>15.0</b>	<b>13.0</b>	<b>3.3</b>	<b>3.7</b>	<b>2.9</b>	<b>3.4</b>	<b>3.8</b>	<b>3.0</b>	<b>3.4</b>	<b>3.9</b>	<b>2.8</b>
AR Krym																		
Vinnitska	18.0	16.1	20.0	18.1	16.1	20.3	18.2	16.1	20.3	3.8	5.4	2.1	3.8	5.3	2.2	3.9	5.3	2.4
Volynska	9.2	11.3	6.9	8.9	11.1	6.5	9.5	11.9	6.9	2.5	1.6	3.5	2.4	1.6	3.3	2.7	2.2	3.2
Dnipropetrovska	15.0	15.1	15.0	16.1	16.1	16.1	15.4	15.9	14.7	4.1	3.7	4.6	4.2	3.8	4.7	4.7	4.8	4.5
Donetska																		
Zhytomyrska	12.0	11.3	12.8	12.5	11.3	13.7	12.4	12.2	12.6	4.2	4.0	4.3	4.1	3.8	4.4	3.8	3.7	3.9
Zakarpatska	11.3	13.3	9.2	11.7	13.5	9.8	10.2	11.7	8.6	2.4	2.7	2.1	2.4	2.6	2.2	2.5	2.5	2.4
Zaporizka	13.2	13.8	12.6	13.3	14.1	12.6	12.6	13.0	12.1	3.1	3.3	2.8	3.3	3.5	3.0	3.2	4.2	2.0
Ivano-Frankivska	10.1	9.1	11.1	10.6	9.9	11.3	10.0	8.2	12.0	3.2	4.2	2.2	3.3	4.3	2.4	3.4	4.8	2.0
Kyivska	11.9	15.0	8.6	12.2	15.3	8.9	12.1	15.3	8.7	1.5	1.7	1.2	1.5	1.7	1.3	1.2	1.6	0.8
Kirovogradska	15.9	21.9	9.7	15.6	21.4	9.4	16.4	21.2	11.3	4.7	9.2	0.0	4.8	9.3	0.0	4.5	8.9	0.0
Luhanska																		
Lvivska	16.3	18.9	13.5	17.0	19.5	14.4	15.6	18.4	12.7	2.5	3.2	1.7	2.5	3.3	1.7	2.4	2.9	1.9
Mykolaiivska	11.1	11.2	10.9	11.4	11.7	11.0	10.7	10.1	11.4	1.9	3.7	0.0	1.9	3.8	0.0	2.2	4.3	0.0
Odeska	15.1	16.7	13.3	15.8	17.7	13.8	13.7	15.7	11.6	3.4	4.2	2.7	3.6	4.4	2.9	3.4	4.8	2.1
Poltavska	14.9	15.7	14.1	15.5	16.5	14.4	14.0	14.1	13.8	3.8	2.5	5.3	3.9	2.7	5.2	3.8	2.3	5.3
Rivnenska	15.4	14.7	16.2	15.6	14.9	16.3	15.3	13.8	17.0	2.2	1.4	2.9	2.3	1.4	3.2	2.2	1.9	2.5
Sumska	15.2	17.0	13.2	16.0	17.9	14.0	15.2	16.4	14.0	4.1	4.5	3.6	4.3	4.4	4.2	3.4	4.2	2.6
Teropil'ska	9.6	11.8	7.3	10.3	12.6	7.7	8.9	10.2	7.5	2.5	4.9	0.0	2.7	5.3	0.0	2.5	4.8	0.0
Kharkivska	14.4	16.7	11.9	14.9	17.1	12.7	13.9	16.1	11.6	3.5	3.6	3.3	3.6	3.5	3.6	3.1	3.5	2.8
Khersonska	12.7	13.8	11.5	13.2	14.4	11.9	12.8	14.1	11.4	6.6	6.9	6.3	6.8	7.1	6.6	7.2	7.6	6.8
Khmelnitska	16.4	18.0	14.8	17.8	20.1	15.4	15.2	15.6	14.8	1.7	2.5	0.9	2.2	3.1	1.2	1.5	2.4	0.6
Cherkaska	19.9	24.0	15.4	20.0	24.4	15.2	19.2	23.0	15.2	6.0	5.8	6.2	6.1	6.2	5.9	6.7	6.1	7.2
Chernivetska	16.8	18.9	14.5	17.1	18.7	15.4	16.5	20.5	12.2	2.2	3.2	1.1	2.1	3.2	1.1	2.5	3.4	1.4
Chernigivska	10.4	9.6	11.3	10.9	9.4	12.3	9.9	9.9	10.0	3.1	4.8	1.3	3.0	4.8	1.1	3.1	5.0	1.1
Kyiv city	17.0	15.5	18.7	17.6	16.1	19.2	17.8	16.8	18.8	4.1	3.2	4.9	4.1	3.3	5.1	4.3	3.5	5.1
Sevastopol city																		



Table 3 - Incidence and mortality, 2019	Number of new cancer cases registered in 2019*			Crude incidence rate per 100 000 of population			Number of deaths from cancer registered in 2019*			Crude mortality rate per 100 000 of population		
	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀	♂	♀	♂+♀
<b>Ukraine</b>				<b>11.8</b>	<b>12.6</b>	<b>10.9</b>				<b>2.9</b>	<b>3.2</b>	<b>2.7</b>
AR Krym	0	0	0				0	0	0			
Vinnyska	33	22	11	11.6	15.0	7.9	4	1	3	1.4	0.7	2.2
Volynska	19	11	8	8.0	9.0	6.9	10	3	7	4.2	2.4	6.1
Dnipropetrovska	70	44	26	12.1	14.8	9.2	15	6	9	2.6	2.0	3.2
Donetska	23	13	10				5	4	1			
Zhytomyrska	29	14	15	12.2	11.4	13.0	5	1	4	2.1	0.8	3.5
Zakarpatska	28	17	11	9.6	11.3	7.8	10	8	2	3.4	5.3	1.4
Zaporizka	34	20	14	11.6	13.2	9.9	4	2	2	1.4	1.3	1.4
Ivano-Frankivska	26	15	11	9.4	10.5	8.2	7	5	2	2.5	3.5	1.5
Kyivska	33	20	13	9.6	11.2	7.8	5	4	1	1.5	2.2	0.6
Kirovohradska	24	10	14	14.4	11.6	17.2	8	5	3	4.8	5.8	3.7
Luhanska	8	4	4				3	1	2			
Lvivska	71	36	35	14.6	14.5	14.8	9	4	5	1.9	1.6	2.1
Mykolaivska	33	19	14	16.0	17.8	14.0	5	3	2	2.4	2.8	2.0
Odessa	53	28	25	11.3	11.6	11.0	14	7	7	3.0	2.9	3.1
Poltavska	34	15	19	14.6	12.5	16.8	14	8	6	6.0	6.7	5.3
Rivnenska	26	9	17	9.4	6.3	12.6	6	4	2	2.2	2.8	1.5
Sumska	22	13	9	13.0	15.0	11.0	4	1	3	2.4	1.2	3.7
Ternopil'ska	19	12	7	9.7	11.9	7.3	4	4	0	2.0	4.0	0.0
Kharkivska	45	29	16	10.4	13.0	7.6	21	15	6	4.9	6.7	2.9
Khersonska	18	10	8	9.2	9.9	8.4	12	9	3	6.1	8.9	3.2
Khmelnyska	31	17	14	13.2	14.0	12.3	10	6	4	4.3	5.0	3.5
Cherkaska	32	17	15	16.1	16.6	15.6	5	1	4	2.5	1.0	4.2
Chernivetska	20	10	10	10.9	10.6	11.2	4	2	2	2.2	2.1	2.2
Chernihivska	13	6	7	8.1	7.3	8.9	4	3	1	2.5	3.7	1.3
Kyiv city	78	41	37	14.0	14.3	13.7	17	8	9	3.0	2.8	3.3
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, 2019	New cases by stage*, %					Lived less than 1 year since the diagnosis in 2018, %	of which: diagnosed post- mortem	Received anti-cancer treatment, %	Micro- scopically verified, %	During the preven- tive exami- nation, %	Prevalence per 100 000 of population		
	I	II	III	IV	Not determined						♂	♀	♂+♀
<b>Ukraine</b>	<b>8.1</b>	<b>12.5</b>	<b>5.4</b>	<b>3.4</b>	<b>10.2</b>	<b>12.6</b>		<b>81.8</b>	<b>95.5</b>	<b>13.1</b>	<b>91.6</b>	<b>99.1</b>	<b>83.5</b>
AR Krym													
Vinnyska	12.1	15.2	6.1	9.1	0.0	9.6	0	84.8	93.9	3.0	18.4	21.0	16.2
Volynska	5.9	0.0	0.0	5.9	5.9	27.3	1	64.7	89.5	0.0	16.0	22.4	10.3
Dnipropetrovska	10.0	27.1	2.9	5.7	4.3	16.1	0	92.9	92.9	5.7	16.2	20.6	12.5
Donetska	8.7	8.7	8.7	4.3	13.0			82.6	95.7	13.0			
Zhytomyrska	27.6	3.4	0.0	0.0	6.9	10.3	0	93.1	100.0	6.9	17.9	19.0	17.0
Zakarpatska	3.7	22.2	7.4	11.1	7.4	0.0	0	81.5	89.3	0.0	16.6	20.2	13.2
Zaporizka	2.9	2.9	2.9	0.0	23.5	12.8	0	35.3	97.1	0.0	14.4	17.2	12.1
Ivano-Frankivska	0.0	3.8	7.7	3.8	15.4	14.3	0	84.6	96.2	3.8	13.9	16.7	11.5
Kyivska	9.4	21.9	6.3	6.3	0.0	13.2	0	78.1	93.9	3.1	19.2	24.3	14.8
Kirovohradska	16.7	16.7	16.7	8.3	0.0	22.2	0	100.0	95.8	0.0	15.9	18.9	13.2
Luhanska	0.0	0.0	12.5	12.5	0.0			100.0	100.0	0.0			
Lvivska	7.0	18.3	5.6	1.4	9.9	10.1	0	91.5	97.2	19.7	20.9	22.4	19.5
Mykolaivska	12.1	6.1	12.1	6.1	6.1	8.7	0	93.9	100.0	78.8	15.6	18.7	12.9
Odessa	1.9	11.3	0.0	1.9	24.5	11.4	0	73.6	96.2	0.0	17.1	20.2	14.3
Poltavska	15.2	12.1	12.1	0.0	9.1	5.7	0	57.6	94.1	48.5	16.9	21.0	13.3
Rivnenska	3.8	19.2	7.7	0.0	7.7	7.0	0	69.2	92.3	11.5	20.6	22.9	18.5
Sumska	9.1	27.3	0.0	0.0	18.2	15.4	0	50.0	90.9	9.1	14.9	19.4	11.1
Ternopil'ska	5.6	16.7	11.1	0.0	16.7	21.1	0	100.0	100.0	22.2	13.3	16.4	10.6
Kharkivska	4.5	9.1	0.0	0.0	13.6	14.5	0	84.1	95.6	6.8	14.7	18.5	11.4
Khersonska	5.6	0.0	0.0	0.0	5.6	32.0	0	44.4	100.0	0.0	14.9	15.8	14.1
Khmelnyska	3.2	6.5	6.5	6.5	6.5	15.4	2	87.1	96.8	3.2	18.3	20.7	16.3
Cherkaska	12.5	15.6	6.3	6.3	3.1	7.3	0	90.6	93.8	18.8	24.3	29.9	19.5
Chernivetska	5.0	15.0	20.0	0.0	15.0	9.7	0	90.0	100.0	20.0	18.1	21.2	15.3
Chernihivska	7.7	0.0	0.0	0.0	15.4	11.1	0	92.3	76.9	7.7	14.3	18.5	10.9
Kyiv city	7.8	3.9	2.6	2.6	14.3	11.0	0	92.2	98.7	19.5	19.8	24.1	16.1
Sevastopol city													

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

2018

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			
<b>All sites</b>																							<b>C00-C96</b>			
▼	20.7	20.5	12.3	10.2	21.3	22.7	29.4	47.1	69.7	135.9	239.5	421.7	752.9	1183.2	1663.0	2025.9	1876.7	2030.3	1018.0	65796	394.8	263.2	1.1			
▲	20.1	18.4	8.4	10.6	17.1	30.0	56.6	90.4	162.4	253.5	358.0	459.2	597.2	767.2	939.2	1042.8	929.7	991.6	485.5	72172	375.9	207.6	0.9			
<b>All sites, non-melanoma of skin excluded</b>																							<b>C00-C96 (C44, C46.0 excluded)</b>			
▼	20.7	20.5	12.2	10.2	20.7	22.1	27.5	43.4	64.1	125.6	216.6	386.1	701.6	1094.0	1517.2	1805.4	1618.3	1685.3	753.0	59284	355.7	238.5	1.0			
▲	20.1	18.4	8.4	10.5	17.1	29.6	54.8	86.1	156.6	239.1	337.7	424.2	548.6	693.2	823.5	876.3	739.3	744.8	332.7	63168	329.0	187.4	0.8			
<b>Lip</b>																							<b>C00</b>			
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.7	2.0	3.5	5.8	9.1	13.5	13.0	20.5	12.4	366	2.2	1.4	0.1			
▲	-	-	-	-	-	-	-	0.1	-	-	0.1	0.5	0.3	1.1	2.4	2.9	4.6	6.3	4.7	170	0.9	0.3	0.0			
<b>Oral cavity</b>																							<b>C01-C08, C46.2</b>			
▼	-	-	-	0.1	-	0.1	0.4	0.5	1.6	7.1	13.9	20.7	29.2	37.5	31.7	27.7	19.8	14.8	13.1	1690	10.1	7.0	0.2			
▲	-	-	-	0.1	0.3	0.2	0.4	0.5	0.9	1.3	2.8	3.7	4.6	5.5	5.8	7.1	5.7	8.4	4.4	506	2.6	1.4	0.1			
<b>Pharynx</b>																							<b>C09-C14</b>			
▼	-	-	-	-	0.7	-	0.2	0.7	1.9	7.3	16.5	25.5	42.8	50.9	42.0	35.1	17.3	12.9	4.1	2148	12.9	8.9	0.2			
▲	-	-	0.1	-	-	0.2	0.3	0.1	0.9	1.3	2.8	3.3	3.1	3.1	2.7	3.7	1.8	2.0	1.6	294	1.5	1.0	0.1			
<b>Oesophagus</b>																							<b>C15</b>			
▼	-	-	-	-	-	0.1	0.1	0.1	1.1	3.3	6.9	14.0	26.2	36.3	38.7	34.5	28.6	19.5	7.6	1536	9.2	6.2	0.2			
▲	-	-	-	-	-	-	-	-	0.3	0.5	0.6	0.9	1.6	2.4	2.9	3.3	3.4	4.9	2.4	209	1.1	0.5	0.0			
<b>Stomach</b>																							<b>C16</b>			
▼	-	-	-	-	-	0.6	0.7	1.4	3.7	9.0	16.9	27.7	50.6	87.0	122.9	143.5	127.4	144.2	60.7	4508	27.0	17.7	0.3			
▲	-	-	-	0.1	-	0.4	0.9	2.0	3.9	6.3	8.6	12.1	19.2	30.3	44.1	55.4	55.0	58.9	29.5	2984	15.5	7.4	0.1			
<b>Small intestine</b>																							<b>C17</b>			
▼	-	-	-	-	0.1	-	0.1	0.2	0.1	0.6	0.4	0.9	1.5	2.2	3.6	4.3	2.3	3.8	0.7	129	0.8	0.5	0.0			
▲	-	-	-	-	-	-	0.1	0.3	0.4	0.2	1.2	0.7	1.6	1.4	1.8	2.3	1.0	1.6	0.2	137	0.7	0.4	0.0			
<b>Colon</b>																							<b>C18</b>			
▼	-	-	-	0.1	0.6	0.6	0.8	2.0	2.4	8.6	11.6	21.2	45.4	80.4	115.1	157.0	162.0	169.9	75.2	4453	26.7	17.2	0.3			
▲	-	-	-	-	-	0.1	0.5	1.7	3.8	5.3	11.7	18.2	32.6	52.5	75.9	91.0	89.0	95.6	40.0	4742	24.7	11.4	0.2			
<b>Rectum, anus</b>																							<b>C19-C21</b>			
▼	-	-	-	-	-	-	0.5	1.5	2.8	6.0	11.8	23.7	44.3	78.9	111.7	141.5	122.9	137.1	53.1	4060	24.4	15.8	0.3			
▲	-	-	-	-	-	0.1	1.3	1.8	2.7	6.8	9.1	18.7	28.0	41.4	54.2	57.3	56.1	52.8	22.2	3420	17.8	8.8	0.2			
<b>Liver and intrahepatic bile ducts</b>																							<b>C22</b>			
▼	3.4	0.4	-	0.1	-	0.1	0.1	0.3	0.9	2.2	4.2	8.1	11.2	14.1	21.3	22.9	20.8	25.2	13.1	866	5.2	3.5	0.1			
▲	0.6	0.3	0.1	-	0.1	-	0.1	0.2	0.6	0.5	1.6	2.9	4.0	6.9	8.8	10.1	10.5	11.8	5.1	587	3.1	1.5	0.1			
<b>Gallbladder and extrahepatic bile ducts</b>																							<b>C23-C24</b>			
▼	-	-	-	-	-	-	-	-	0.2	0.2	1.1	2.6	3.1	7.4	8.2	10.9	11.8	18.1	10.4	358	2.1	1.4	0.1			
▲	-	-	-	-	-	-	0.1	0.1	0.1	0.5	1.4	1.7	4.2	6.3	8.2	14.3	14.5	12.0	8.4	625	3.3	1.4	0.1			
<b>Pancreas</b>																							<b>C25</b>			
▼	-	-	-	-	-	0.2	0.4	1.0	1.9	4.2	10.6	16.5	31.7	44.8	59.3	66.0	65.7	64.7	28.3	2347	14.1	9.2	0.2			
▲	-	-	-	0.2	-	0.1	0.1	0.3	0.8	3.0	4.0	6.3	14.4	21.1	31.9	41.2	45.0	52.8	21.3	2129	11.1	4.9	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		
<b>Nasal cavity, accessory sinuses and middle ear</b>																							<b>C30-C31</b>		
▼	-	-	-	-	-	0.2	0.3	0.3	0.4	0.9	0.9	2.6	2.9	3.8	3.3	4.3	1.8	2.4	0.7	192	1.2	0.8	0.1		
▲	-	-	-	0.1	0.3	-	0.1	0.2	0.3	0.5	0.5	0.9	0.4	0.6	1.2	1.1	1.8	2.4	1.3	106	0.6	0.3	0.0		
<b>Larynx</b>																							<b>C32</b>		
▼	-	-	-	-	-	-	-	0.1	0.6	3.1	8.9	18.6	31.7	43.6	46.2	35.6	26.8	16.7	9.7	1783	10.7	7.2	0.2		
▲	-	-	-	-	-	-	0.1	0.1	0.3	0.5	0.5	0.3	0.8	1.0	0.6	1.4	0.9	0.6	0.9	79	0.4	0.2	0.0		
<b>Trachea, bronchus and lung</b>																							<b>C33-C34</b>		
▼	-	-	-	-	0.2	0.6	1.0	1.6	4.6	12.3	27.6	67.4	132.2	214.1	276.3	303.6	266.3	246.5	93.9	9887	59.3	38.9	0.4		
▲	-	-	-	-	0.5	0.6	0.4	0.9	3.1	4.7	9.8	11.9	19.1	30.8	37.3	46.9	45.3	50.0	23.5	2651	13.8	6.7	0.1		
<b>Thymus</b>																							<b>C37</b>		
▼	-	-	-	-	-	0.2	0.1	0.1	-	0.2	0.4	0.5	0.7	0.5	0.8	-	0.3	-	-	38	0.2	0.2	0.0		
▲	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.5	0.3	0.2	0.8	0.3	0.1	0.2	-	35	0.2	0.1	0.0		
<b>Heart, mediastinum</b>																							<b>C38 (C38.4 excluded)</b>		
▼	-	0.1	-	-	-	0.6	0.2	0.3	0.2	0.4	0.8	0.6	0.9	1.6	2.2	2.5	1.8	2.4	-	103	0.6	0.5	0.0		
▲	0.6	-	-	-	0.1	-	-	-	0.4	0.2	0.3	0.3	0.2	0.3	0.3	0.5	0.4	0.6	-	39	0.2	0.1	0.0		
<b>Pleura</b>																							<b>C38.4, C45.0</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.5	0.1	1.4	1.4	2.2	1.5	1.8	3.3	0.7	79	0.5	0.3	0.0		
▲	-	-	-	-	-	-	-	-	0.1	0.1	0.2	0.5	0.3	0.5	1.0	1.0	0.7	1.2	0.4	58	0.3	0.2	0.0		
<b>Bones, joints and articular cartilage</b>																							<b>C40-C41</b>		
▼	-	0.2	0.7	1.2	2.5	0.9	0.6	0.7	0.4	0.8	1.0	0.9	1.2	2.1	2.6	2.5	2.5	2.4	0.7	187	1.1	1.1	0.1		
▲	-	0.4	0.7	1.2	1.0	0.2	0.5	0.3	0.7	0.4	0.6	1.0	0.9	1.2	0.9	1.5	0.9	1.0	0.4	142	0.7	0.7	0.1		
<b>Melanoma of skin</b>																							<b>C43</b>		
▼	-	-	0.1	-	0.2	1.1	1.6	2.1	3.7	6.7	6.0	10.6	15.4	14.4	23.9	33.8	26.1	36.2	19.3	1231	7.4	5.0	0.1		
▲	-	-	-	-	0.3	2.7	3.2	3.3	5.3	7.0	8.9	9.3	12.4	15.4	19.0	22.5	17.6	18.8	12.2	1604	8.4	4.9	0.1		
<b>Non-melanoma of skin</b>																							<b>C44, C46.0</b>		
▼	-	-	0.1	-	0.6	0.6	1.9	3.7	5.6	10.2	22.9	35.6	51.3	89.2	145.8	220.5	258.3	345.1	265.0	6512	39.1	24.6	0.3		
▲	-	-	-	0.1	-	0.4	1.8	4.3	5.8	14.5	20.3	35.0	48.5	74.0	115.7	166.5	190.3	246.8	152.8	9004	46.9	20.2	0.2		
<b>Mesothelioma (pleura excluded)</b>																							<b>C45.1-9</b>		
▼	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.1	0.2	0.3	-	0.8	-	-	1.4	17	0.1	0.1	0.0		
▲	-	-	-	-	-	-	-	0.1	-	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.2	0.4	0.2	21	0.1	0.1	0.0		
<b>Retroperitoneum and peritoneum</b>																							<b>C48</b>		
▼	4.0	1.6	0.4	-	-	0.1	0.1	0.4	0.2	0.5	0.6	0.9	1.6	1.7	3.8	3.3	4.0	5.7	3.5	169	1.0	0.8	0.1		
▲	1.8	1.2	0.1	-	-	0.1	-	0.2	0.5	0.2	0.5	1.3	1.3	2.6	2.2	3.7	2.4	2.6	0.9	195	1.0	0.7	0.1		
<b>Connective and other soft tissues</b>																							<b>C 46.1, C49</b>		
▼	1.7	1.5	0.3	0.3	0.8	0.9	0.5	0.9	1.5	1.3	1.7	2.9	3.5	6.2	7.0	8.6	5.8	9.0	7.6	386	2.3	1.8	0.1		
▲	2.4	0.7	0.3	0.3	0.5	0.4	0.5	0.8	1.4	1.6	1.4	2.6	2.9	2.8	4.1	4.6	4.6	7.1	2.9	385	2.0	1.3	0.1		
<b>Breast</b>																							<b>C50</b>		
▼	-	-	0.1	-	-	-	-	0.1	0.1	0.1	0.3	0.7	1.6	3.0	3.7	6.4	2.5	8.1	0.7	145	0.9	0.6	0.0		
▲	-	-	-	-	0.1	1.4	7.9	20.2	46.5	77.0	110.1	112.5	139.4	163.1	189.8	180.3	138.7	127.7	61.1	14872	77.5	45.3	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

2018

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		
<b>Vulva</b>																							<b>C51</b>		
▲	-	0.1	-	-	-	0.1	0.1	-	0.1	0.4	0.8	1.0	2.3	4.0	6.5	11.6	12.2	13.7	6.4	490	2.6	1.1	0.1		
<b>Vagina</b>																							<b>C52</b>		
▲	0.6	-	-	-	-	-	-	0.1	0.1	0.5	0.9	0.8	1.2	1.2	1.3	1.5	2.0	4.3	1.3	139	0.7	0.4	0.0		
<b>Cervix uteri</b>																							<b>C53</b>		
▲	-	-	-	-	0.1	2.3	7.2	13.4	26.5	38.6	45.6	40.2	35.9	31.1	30.1	28.0	20.0	16.7	8.4	4096	21.3	14.7	0.2		
<b>Corpus uteri</b>																							<b>C54</b>		
▲	-	-	-	-	-	0.3	1.2	2.6	7.1	15.2	30.3	61.0	85.2	108.3	105.2	86.4	58.8	48.5	14.2	6923	36.1	20.0	0.3		
<b>Uterus, NOS</b>																							<b>C55</b>		
▲	-	-	-	-	-	-	0.1	0.1	0.3	0.3	1.0	1.2	1.0	1.4	1.5	2.3	1.6	2.0	0.9	136	0.7	0.4	0.0		
<b>Ovary</b>																							<b>C56</b>		
▲	-	0.1	0.2	1.2	0.6	1.5	4.0	5.3	10.9	18.8	25.7	31.4	37.7	38.6	41.3	35.8	27.8	27.1	9.3	3539	18.4	11.3	0.2		
<b>Other female genital organs</b>																							<b>C57</b>		
▲	-	-	-	-	0.1	-	0.2	-	0.3	0.2	0.9	1.1	1.0	1.0	1.0	1.4	0.9	0.8	-	95	0.5	0.3	0.0		
<b>Placenta</b>																							<b>C58</b>		
▲	-	-	-	-	-	0.7	0.2	0.4	0.1	0.2	0.2	0.1	-	-	-	-	-	-	-	23	0.1	0.1	0.0		
<b>Penis</b>																							<b>C60</b>		
▼	-	-	-	-	-	-	-	0.1	0.2	0.6	0.7	1.2	2.0	3.4	4.7	5.3	3.3	6.7	4.8	178	1.1	0.7	0.1		
<b>Prostate gland</b>																							<b>C61</b>		
▼	-	-	-	-	-	-	-	-	0.1	0.7	3.6	15.1	53.2	125.3	251.4	379.8	375.4	363.6	178.1	7936	47.6	29.8	0.3		
<b>Testis</b>																							<b>C62</b>		
▼	1.1	0.1	-	-	1.1	3.4	4.1	5.5	5.6	5.2	3.1	2.2	0.7	1.4	1.4	2.0	0.8	1.4	2.1	439	2.6	2.2	0.1		
<b>Kidney</b>																							<b>C64</b>		
▼	3.4	1.5	0.2	0.2	-	0.6	0.7	2.8	4.5	8.7	15.8	26.7	39.0	51.9	72.1	62.7	45.4	52.4	20.7	2790	16.7	11.5	0.2		
▲	3.0	2.0	1.1	-	0.1	0.5	0.7	1.6	2.3	4.4	7.5	13.7	20.8	26.2	34.8	33.4	17.6	15.7	8.0	2015	10.5	6.0	0.1		
<b>Renal pelvis</b>																							<b>C65</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.4	0.5	1.5	1.5	1.3	2.5	1.5	2.4	0.7	79	0.5	0.3	0.0		
▲	-	-	-	-	-	-	-	-	0.1	-	0.2	0.3	0.2	0.3	1.0	0.3	0.8	1.4	-	42	0.2	0.1	0.0		
<b>Ureter</b>																							<b>C66</b>		
▼	-	-	-	-	-	-	-	-	-	-	0.2	0.1	1.1	1.0	1.6	4.8	2.3	1.9	0.7	70	0.4	0.3	0.0		
▲	-	-	-	-	-	-	-	-	-	-	0.1	-	0.3	0.1	0.5	1.0	0.7	1.2	1.1	36	0.2	0.1	0.0		
<b>Bladder</b>																							<b>C67</b>		
▼	-	-	-	-	0.1	0.3	0.6	2.2	1.7	4.8	9.8	17.0	38.8	63.5	94.6	124.2	119.4	156.1	60.7	3578	21.5	13.7	0.2		
▲	-	-	-	-	-	0.3	0.3	0.4	0.8	1.4	1.5	3.0	4.4	8.1	12.8	16.9	18.4	19.0	9.3	851	4.4	2.0	0.1		
<b>Eye and adnexa</b>																							<b>C69</b>		
▼	0.6	1.1	0.5	-	-	0.1	0.1	0.1	0.2	0.6	0.6	1.2	1.8	1.0	0.9	2.3	1.8	1.4	0.7	107	0.6	0.5	0.1		
▲	0.6	1.0	-	-	-	0.3	-	0.4	0.4	0.6	0.7	1.0	1.4	1.1	1.9	1.5	1.5	0.8	0.2	141	0.7	0.5	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		
<b>Brain, meninges and other parts of central nervous system</b>																							<b>C70-C72</b>		
▼	3.4	3.4	3.6	2.7	1.4	1.3	2.7	4.4	4.2	5.4	6.8	10.2	11.7	14.5	16.4	11.7	9.8	8.6	1.4	1048	6.3	5.1	0.2		
▲	1.8	2.3	1.6	1.4	2.2	1.7	2.3	3.0	3.5	4.8	5.6	7.1	8.7	10.7	8.9	9.3	5.7	3.5	2.0	953	5.0	3.8	0.1		
<b>of which: Brain</b>																							<b>C71</b>		
▼	3.4	3.2	3.5	2.4	1.4	1.3	2.5	4.1	4.2	5.2	6.8	9.8	11.5	14.4	16.4	11.4	9.5	8.1	1.4	1023	6.1	5.0	0.2		
▲	1.8	2.2	1.5	1.0	2.0	1.6	2.2	2.7	3.5	4.6	5.4	7.0	8.6	10.2	8.8	9.1	5.3	3.5	2.0	918	4.8	3.6	0.1		
<b>Thyroid</b>																							<b>C73</b>		
▼	-	-	-	0.3	2.4	1.5	2.3	4.7	4.7	5.9	6.4	5.1	6.2	6.9	5.9	5.6	3.3	2.9	1.4	638	3.8	3.0	0.1		
▲	-	0.1	0.1	1.2	4.3	7.1	11.8	15.2	19.4	20.4	21.6	26.5	23.8	22.4	17.4	10.1	6.2	5.7	1.8	2668	13.9	10.6	0.2		
<b>Other endocrine glands</b>																							<b>C74-C75</b>		
▼	-	0.6	-	0.2	0.1	-	0.1	0.1	0.2	0.5	0.7	0.3	1.5	0.7	1.7	1.3	0.3	1.9	0.7	79	0.5	0.4	0.0		
▲	1.2	0.5	0.3	-	0.1	0.1	0.4	0.2	0.3	0.5	0.5	0.5	0.4	0.6	0.7	1.2	0.7	0.2	0.2	81	0.4	0.4	0.0		
<b>Lymphomas and other immune- and lymphoproliferative diseases</b>																							<b>C81-C85, C88, C90</b>		
▼	-	0.7	1.8	2.0	6.2	7.2	6.7	5.9	7.7	9.6	10.6	14.8	20.9	29.1	37.0	40.6	31.6	26.7	11.7	2021	12.1	9.3	0.2		
▲	-	0.8	0.8	1.2	4.1	5.5	8.1	7.6	8.2	8.4	8.5	11.8	14.6	21.9	24.6	30.4	18.7	14.1	4.9	2093	10.9	7.4	0.2		
<b>of which: Hodgkin lymphoma</b>																							<b>C81</b>		
▼	-	0.1	0.2	1.0	4.0	4.6	4.2	3.2	3.4	2.9	2.4	2.4	1.6	2.1	2.5	2.5	3.3	-	0.7	419	2.5	2.3	0.1		
▲	-	0.3	0.2	0.9	3.7	4.5	5.6	4.2	3.6	2.6	1.8	1.8	1.9	1.4	1.2	2.0	0.7	1.6	-	441	2.3	2.3	0.1		
<b>non- Hodgkin lymphomas</b>																							<b>C82-C83, C85</b>		
▼	-	0.6	1.2	0.9	2.1	2.5	2.3	2.4	3.6	5.4	6.4	7.8	12.0	19.1	21.8	24.9	18.8	16.7	11.0	1125	6.8	5.0	0.2		
▲	-	0.4	0.5	0.1	0.4	0.9	2.4	3.1	4.0	4.5	4.5	6.9	8.1	13.0	14.6	19.2	12.0	10.4	4.2	1145	6.0	3.6	0.1		
<b>Multiple myeloma and plasma cell tumors</b>																							<b>C90</b>		
▼	-	-	0.1	-	-	-	0.1	0.2	0.7	0.9	1.4	3.8	6.5	7.1	11.6	11.7	8.3	7.1	-	409	2.5	1.6	0.1		
▲	-	-	-	-	-	0.1	0.1	0.3	0.4	1.0	1.9	2.8	3.8	7.0	7.4	7.9	5.3	1.6	0.7	438	2.3	1.2	0.1		
<b>Leukemias</b>																							<b>C91-C95</b>		
▼	1.7	8.1	4.2	2.2	3.6	1.2	1.8	2.1	3.8	4.3	7.4	10.8	16.6	21.9	37.8	45.5	35.4	30.5	15.2	1637	9.8	7.8	0.2		
▲	5.5	8.1	2.6	3.3	1.9	2.2	1.7	1.9	1.7	4.5	4.1	6.3	8.6	11.9	17.6	21.6	18.4	16.5	5.6	1355	7.1	5.1	0.2		
<b>of which: Lymphoid leukemias</b>																							<b>C91</b>		
▼	1.1	6.5	3.6	1.9	1.7	0.5	0.6	0.9	1.3	1.7	2.6	5.9	8.5	11.4	19.6	23.9	20.6	16.7	6.9	863	5.2	4.3	0.2		
▲	3.0	6.9	2.1	2.2	1.0	1.0	0.2	0.3	0.2	0.7	0.6	2.3	4.0	6.2	8.0	10.2	10.0	10.6	3.3	642	3.3	2.6	0.1		
<b>Myeloid leukemias</b>																							<b>C92</b>		
▼	0.6	1.0	0.4	0.1	1.7	0.5	0.4	0.8	1.6	1.3	3.0	3.5	4.3	5.8	10.3	11.2	7.0	7.1	4.1	438	2.6	2.0	0.1		
▲	1.2	0.5	0.2	1.2	0.5	0.9	1.1	1.1	1.2	2.6	1.7	2.0	2.6	2.5	5.2	5.7	5.1	3.3	0.7	401	2.1	1.5	0.1		
<b>Leukemia of unspecified cell type</b>																							<b>C95</b>		
▼	-	0.6	0.3	0.2	-	-	0.3	0.1	0.1	0.4	0.3	0.5	0.9	1.7	3.9	3.0	3.5	1.9	3.5	122	0.7	0.6	0.1		
▲	0.6	0.4	0.3	-	0.4	0.2	0.2	0.2	0.1	0.3	0.7	0.5	0.5	0.8	1.5	2.2	2.1	1.8	1.1	123	0.6	0.4	0.0		
<b>Unknown primary site</b>																							<b>C77-C80</b>		
▼	-	-	-	-	0.1	0.1	0.3	0.6	1.7	3.6	6.2	10.6	21.4	30.8	49.5	52.3	51.4	59.0	36.6	1778	10.7	6.9	0.2		
▲	0.6	-	-	-	-	0.2	-	0.5	0.9	1.8	3.7	5.8	8.2	11.3	17.6	27.6	24.5	32.6	14.0	1296	6.7	3.1	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

2018

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		
<b>All sites</b>																							<b>C00-C96</b>		
▼	4.0	3.6	2.5	3.6	5.6	5.6	8.0	12.9	25.1	56.8	110.3	220.0	414.0	653.1	909.6	1136.8	1113.5	1208.9	660.5	35558	213.4	139.1	0.8		
▲	2.4	5.0	1.9	2.2	4.2	3.6	8.3	16.0	36.6	56.6	91.4	142.0	207.5	289.5	386.0	466.5	458.9	527.4	295.6	27731	144.4	70.9	0.5		
<b>All sites, non-melanoma of skin excluded</b>																							<b>C00-C96 (C44, C46.0 excluded)</b>		
▼	4.0	3.6	2.5	3.6	5.6	5.6	8.0	12.8	25.0	56.4	109.9	219.8	412.3	651.9	904.8	1128.4	1102.7	1189.8	632.2	35319	211.9	138.3	0.8		
▲	2.4	5.0	1.9	2.2	4.2	3.6	8.2	15.9	36.5	56.6	91.1	141.4	206.9	289.0	384.9	463.6	453.9	516.6	279.2	27491	143.2	70.5	0.5		
<b>Lip</b>																							<b>C00</b>		
▼	-	-	-	-	-	-	-	-	-	0.1	0.3	0.1	0.3	1.3	1.3	2.3	4.5	8.6	5.5	84	0.5	0.3	0.0		
▲	-	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	0.2	0.5	0.6	1.4	1.3	26	0.1	0.0	0.0		
<b>Oral cavity</b>																							<b>C01-C08, C46.2</b>		
▼	-	-	-	-	-	0.2	0.1	0.3	1.0	4.1	8.1	15.1	23.2	27.9	25.1	20.3	16.1	13.8	7.6	1244	7.5	5.1	0.1		
▲	-	-	-	-	-	-	-	0.2	0.2	0.5	1.1	1.2	1.8	2.5	2.4	3.0	2.7	3.9	4.7	218	1.1	0.6	0.0		
<b>Pharynx</b>																							<b>C09-C14</b>		
▼	-	-	-	-	-	0.1	0.1	0.2	1.0	3.2	10.2	18.5	27.9	37.5	39.5	31.0	13.8	10.5	6.9	1569	9.4	6.5	0.2		
▲	-	-	-	-	-	-	-	0.1	0.4	0.4	1.1	1.9	1.4	2.3	1.5	1.5	1.3	0.8	1.3	151	0.8	0.5	0.0		
<b>Oesophagus</b>																							<b>C15</b>		
▼	-	-	-	-	-	-	-	-	0.5	2.5	4.2	10.7	18.5	28.4	30.3	27.9	25.1	13.8	4.8	1164	7.0	4.7	0.1		
▲	-	-	-	-	-	-	-	-	-	0.3	0.5	0.3	0.8	1.3	1.6	1.8	1.5	3.3	1.8	112	0.6	0.3	0.0		
<b>Stomach</b>																							<b>C16</b>		
▼	-	-	-	-	-	0.4	0.5	1.1	2.2	7.4	9.2	19.5	38.1	58.1	92.2	111.5	113.4	116.1	60.0	3386	20.3	13.1	0.2		
▲	-	-	-	-	0.1	0.1	0.4	0.9	2.1	4.7	6.4	8.4	12.9	20.6	29.9	37.8	38.2	47.1	25.3	2090	10.9	5.1	0.1		
<b>Small intestine</b>																							<b>C17</b>		
▼	-	-	-	-	-	-	0.1	0.1	-	0.2	0.3	0.4	1.2	1.0	2.5	3.6	3.0	1.9	-	83	0.5	0.3	0.0		
▲	-	-	-	-	-	-	-	-	0.1	0.2	0.2	0.7	0.6	0.6	1.3	0.8	1.8	1.2	0.7	78	0.4	0.2	0.0		
<b>Colon</b>																							<b>C18</b>		
▼	-	-	-	-	-	0.4	0.3	0.3	1.2	2.3	4.4	8.8	21.6	38.6	58.4	85.6	93.5	117.1	77.3	2331	14.0	8.8	0.2		
▲	-	-	-	-	-	0.1	0.3	0.7	1.1	1.7	4.2	7.4	13.7	23.3	32.5	46.8	49.6	66.3	36.0	2382	12.4	5.3	0.1		
<b>Rectum, anus</b>																							<b>C19-C21</b>		
▼	-	-	-	-	-	0.1	0.4	0.2	0.9	2.5	5.5	9.7	21.8	38.1	56.8	88.7	98.1	109.5	68.3	2337	14.0	8.8	0.2		
▲	-	-	-	-	-	-	0.5	0.5	1.2	2.2	3.2	7.9	13.1	16.2	27.1	34.0	38.7	45.3	23.3	1859	9.7	4.3	0.1		
<b>Liver and intrahepatic bile ducts</b>																							<b>C22</b>		
▼	1.1	0.1	-	0.1	-	0.2	0.1	0.3	0.6	1.6	3.4	6.0	8.1	11.3	16.3	17.8	13.3	23.3	10.4	656	3.9	2.6	0.1		
▲	-	0.1	-	-	0.1	-	0.1	0.1	0.1	0.3	1.1	2.0	2.7	4.6	6.8	8.6	7.0	7.5	2.9	407	2.1	1.0	0.1		
<b>Gallbladder and extrahepatic bile ducts</b>																							<b>C23-C24</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.8	2.1	1.9	4.7	5.1	5.6	5.5	14.8	6.2	227	1.4	0.9	0.1		
▲	-	-	-	-	-	-	-	-	0.1	0.2	0.6	1.2	3.3	4.4	4.8	8.2	8.3	7.8	5.8	391	2.0	0.9	0.0		
<b>Pancreas</b>																							<b>C25</b>		
▼	-	-	-	-	-	0.1	0.1	0.9	1.2	3.0	7.3	14.1	24.2	39.9	46.6	56.6	52.9	52.4	23.5	1900	11.4	7.5	0.2		
▲	-	-	-	-	-	0.1	-	0.3	0.4	1.2	2.2	5.3	9.7	17.1	24.1	30.4	30.5	40.2	17.1	1555	8.1	3.5	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

2018

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		
<b>Nasal cavity, accessory sinuses and middle ear</b>																							<b>C30-C31</b>		
▼	-	-	-	-	0.1	-	-	0.1	0.2	0.2	0.7	1.2	2.1	1.6	2.5	3.0	3.3	2.4	1.4	118	0.7	0.5	0.0		
▲	-	-	-	-	-	-	0.1	0.1	0.1	0.3	0.4	0.7	0.4	0.5	0.6	1.6	1.8	1.6	1.1	83	0.4	0.2	0.0		
<b>Larynx</b>																							<b>C32</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	1.7	4.0	7.8	15.7	22.4	26.0	29.7	20.8	17.1	9.7	998	6.0	4.0	0.1		
▲	-	-	-	-	-	-	0.1	-	0.1	-	0.5	0.2	0.3	0.6	0.7	0.7	0.3	0.4	-	41	0.2	0.1	0.0		
<b>Trachea, bronchus and lung</b>																							<b>C33-C34</b>		
▼	-	-	-	-	-	0.3	0.5	1.0	2.9	7.4	20.3	48.4	103.0	165.7	227.2	251.7	224.0	206.1	71.8	7829	47.0	30.6	0.4		
▲	-	-	-	-	0.3	0.2	0.2	0.5	1.1	1.8	4.0	6.5	10.7	17.8	26.7	29.6	34.1	38.7	18.2	1699	8.8	4.0	0.1		
<b>Thymus</b>																							<b>C37</b>		
▼	-	-	-	-	-	-	-	0.1	-	-	0.1	0.2	0.1	0.5	0.1	0.8	-	-	-	14	0.1	0.1	0.0		
▲	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2	0.1	0.2	0.2	0.1	0.2	-	-	13	0.1	0.1	0.0		
<b>Heart, mediastinum</b>																							<b>C38 (C38.4 excluded)</b>		
▼	-	0.1	0.1	-	-	0.1	0.1	0.1	-	0.2	0.6	0.5	1.0	0.9	1.7	1.3	1.5	2.4	-	71	0.4	0.3	0.0		
▲	-	-	-	-	-	-	-	-	0.3	0.1	0.2	0.2	0.1	0.2	0.1	0.5	0.2	0.4	-	24	0.1	0.1	0.0		
<b>Pleura</b>																							<b>C38.4, C45.0</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.1	0.2	0.4	1.0	0.9	2.1	0.8	1.5	2.4	0.7	60	0.4	0.2	0.0		
▲	-	-	-	-	-	-	-	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.5	0.5	0.6	1.6	0.2	40	0.2	0.1	0.0		
<b>Bones, joints and articular cartilage</b>																							<b>C40-C41</b>		
▼	-	0.1	-	0.4	1.2	0.6	0.4	0.2	0.4	0.3	0.4	0.5	0.8	0.6	2.1	2.0	2.3	1.4	-	100	0.6	0.5	0.1		
▲	-	-	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.2	0.4	0.8	0.5	0.7	1.3	1.8	1.1	1.2	-	89	0.5	0.3	0.0		
<b>Melanoma of skin</b>																							<b>C43</b>		
▼	-	-	-	-	-	0.2	0.4	0.6	2.0	1.5	1.9	4.1	5.3	6.7	12.1	8.9	9.8	16.2	8.3	466	2.8	1.8	0.1		
▲	-	-	-	-	-	0.2	0.5	0.5	1.6	1.4	2.3	2.6	3.1	4.3	5.6	6.7	7.9	7.5	5.8	473	2.5	1.3	0.1		
<b>Non-melanoma of skin</b>																							<b>C44, C46.0</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.4	0.4	0.2	1.7	1.2	4.7	8.4	10.8	19.0	28.3	239	1.4	0.8	0.1		
▲	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.3	0.6	0.6	0.5	1.2	2.9	4.9	10.8	16.4	240	1.2	0.4	0.0		
<b>Mesothelioma (pleura excluded)</b>																							<b>C45.1-9</b>		
▼	-	-	-	-	-	-	-	-	0.1	0.1	0.4	0.2	0.1	0.2	-	-	-	-	0.7	13	0.1	0.1	0.0		
▲	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	0.2	0.5	0.2	-	0.4	12	0.1	0.0	0.0		
<b>Retroperitoneum and peritoneum</b>																							<b>C48</b>		
▼	0.6	0.2	0.2	0.1	0.1	-	-	0.2	0.4	0.3	0.4	0.5	1.5	1.4	1.7	2.5	3.0	1.9	2.8	103	0.6	0.5	0.0		
▲	-	0.8	0.4	0.1	-	-	0.1	0.1	0.3	0.3	0.4	0.8	1.4	1.1	2.5	2.7	1.9	2.0	0.7	150	0.8	0.5	0.1		
<b>Connective and other soft tissues</b>																							<b>C 46.1, C49</b>		
▼	-	0.2	0.1	0.3	0.4	0.1	0.1	0.4	0.3	1.0	0.7	1.4	1.5	4.5	3.9	4.8	4.8	5.2	4.8	203	1.2	0.9	0.1		
▲	-	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.5	0.5	0.2	0.4	1.0	2.1	2.0	2.6	1.7	4.7	2.0	168	0.9	0.5	0.0		
<b>Breast</b>																							<b>C50</b>		
▼	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.3	1.4	1.2	2.0	1.0	1.9	2.1	47	0.3	0.2	0.0		
▲	-	-	-	-	-	-	0.6	3.0	8.7	14.2	22.5	35.8	50.0	61.0	77.3	83.3	83.4	96.3	59.5	5679	29.6	14.8	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

2018

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		
<b>Vulva</b>																							<b>C51</b>		
▲	-	-	-	-	-	-	0.1	-	0.1	0.1	0.2	0.4	1.2	1.6	3.0	4.0	5.7	9.0	7.6	244	1.3	0.5	0.0		
<b>Vagina</b>																							<b>C52</b>		
▲	-	-	-	-	-	-	-	-	-	0.3	-	0.1	0.5	0.2	0.3	1.5	0.7	1.2	0.7	45	0.2	0.1	0.0		
<b>Cervix uteri</b>																							<b>C53</b>		
▲	-	-	-	-	-	0.5	1.1	2.2	7.7	10.1	13.4	14.8	16.3	14.0	14.6	15.7	12.3	13.7	7.1	1579	8.2	5.1	0.1		
<b>Corpus uteri</b>																							<b>C54</b>		
▲	-	-	-	-	-	-	-	0.3	0.7	1.2	3.3	6.4	11.8	21.9	27.9	32.2	28.6	25.3	10.4	1614	8.4	3.9	0.1		
<b>Uterus, NOS</b>																							<b>C55</b>		
▲	-	-	-	-	-	-	0.1	-	0.3	0.2	0.2	0.5	0.6	0.9	0.8	1.5	0.9	1.4	0.4	76	0.4	0.2	0.0		
<b>Ovary</b>																							<b>C56</b>		
▲	-	-	-	0.1	0.1	0.2	0.6	1.1	2.6	4.6	9.2	13.1	17.4	24.1	24.3	27.0	24.8	17.3	6.4	1808	9.4	5.1	0.1		
<b>Other female genital organs</b>																							<b>C57</b>		
▲	-	-	-	-	-	-	-	-	0.1	-	0.3	0.4	0.5	0.6	1.0	1.2	0.4	0.6	-	53	0.3	0.1	0.0		
<b>Placenta</b>																							<b>C58</b>		
▲	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Penis</b>																							<b>C60</b>		
▼	-	-	-	-	-	-	-	0.1	0.1	0.2	0.1	0.2	0.6	1.0	2.0	1.0	2.3	2.9	0.7	58	0.3	0.2	0.0		
<b>Prostate gland</b>																							<b>C61</b>		
▼	-	-	-	-	-	0.1	-	-	-	0.1	1.1	4.5	15.1	40.1	79.7	156.2	178.3	219.9	138.7	3211	19.3	11.6	0.2		
<b>Testis</b>																							<b>C62</b>		
▼	-	-	-	0.1	0.1	0.4	0.8	0.6	0.7	0.7	0.7	0.5	0.4	0.6	0.5	0.8	1.5	0.5	-	84	0.5	0.4	0.0		
<b>Kidney</b>																							<b>C64</b>		
▼	-	0.4	0.2	-	0.1	-	0.1	0.3	0.3	1.7	4.3	9.3	16.6	23.9	34.6	41.2	32.1	41.4	16.6	1271	7.6	5.0	0.1		
▲	-	0.1	-	-	0.1	0.1	0.2	0.1	0.2	0.9	0.7	2.4	4.8	6.5	10.8	12.7	9.1	11.2	6.4	607	3.2	1.5	0.1		
<b>Renal pelvis</b>																							<b>C65</b>		
▼	-	-	-	-	-	-	-	-	-	-	-	0.3	0.4	0.5	0.7	1.5	1.8	0.5	1.4	34	0.2	0.1	0.0		
▲	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	0.1	0.5	0.2	0.2	-	11	0.1	0.0	0.0		
<b>Ureter</b>																							<b>C66</b>		
▼	-	-	-	-	-	-	-	-	-	-	0.1	-	0.2	0.4	-	1.5	1.3	1.4	-	21	0.1	0.1	0.0		
▲	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.7	0.2	0.4	11	0.1	0.0	0.0		
<b>Bladder</b>																							<b>C67</b>		
▼	-	-	-	-	-	-	0.1	0.3	0.2	1.0	1.9	3.9	9.2	20.4	34.7	52.6	69.5	83.3	53.1	1384	8.3	5.1	0.1		
▲	-	-	-	-	-	-	-	0.1	-	0.2	0.3	1.0	0.6	1.8	3.6	5.0	6.1	7.8	7.3	261	1.4	0.5	0.0		
<b>Eye and adnexa</b>																							<b>C69</b>		
▼	-	-	-	-	-	-	-	0.1	-	0.2	0.1	0.1	0.9	1.1	1.7	1.3	2.3	1.4	-	55	0.3	0.2	0.0		
▲	-	0.1	-	-	-	-	-	0.1	0.1	-	0.1	0.1	0.4	0.5	1.2	0.5	0.7	0.6	0.2	46	0.2	0.1	0.0		

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

\* does not include cases of Donetsk and Luhanska 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		
<b>Brain, meninges and other parts of central nervous system</b>																							<b>C70-C72</b>		
▼	1.1	0.9	0.9	1.0	0.7	0.7	1.1	1.8	2.6	3.7	5.3	7.8	9.2	10.9	11.7	11.9	7.5	4.3	2.8	702	4.2	3.2	0.1		
▲	-	1.6	0.9	0.7	1.4	0.3	0.9	1.6	2.1	2.2	4.3	4.7	7.5	8.8	8.0	5.9	3.7	2.7	1.8	669	3.5	2.4	0.1		
<b>of which: Brain</b>																							<b>C71</b>		
▼	1.1	0.9	0.8	1.0	0.7	0.7	1.1	1.7	2.6	3.7	5.3	7.8	9.1	10.9	11.7	11.7	7.5	3.8	2.8	697	4.2	3.2	0.1		
▲	-	1.6	0.9	0.7	1.1	0.3	0.8	1.6	2.1	2.2	4.2	4.6	7.5	8.5	7.9	5.9	3.4	2.6	1.8	655	3.4	2.4	0.1		
<b>Thyroid</b>																							<b>C73</b>		
▼	-	-	-	-	-	-	0.1	-	0.2	0.2	0.3	0.5	0.6	1.7	2.1	1.3	2.8	3.8	3.5	83	0.5	0.3	0.0		
▲	-	-	-	-	-	-	-	0.1	-	0.1	-	0.4	0.7	1.5	2.3	3.1	3.1	4.5	2.7	151	0.8	0.3	0.0		
<b>Other endocrine glands</b>																							<b>C74-C75</b>		
▼	0.6	0.1	0.1	-	0.1	-	-	-	0.1	0.2	0.3	0.2	0.9	1.0	0.4	1.3	0.3	1.4	-	45	0.3	0.2	0.0		
▲	0.6	-	0.1	-	-	-	0.2	-	0.1	0.1	0.2	0.4	0.3	0.3	0.6	0.7	0.6	0.6	0.2	44	0.2	0.1	0.0		
<b>Lymphomas and other immune- and lymphoproliferative diseases</b>																							<b>C81-C85, C88, C90</b>		
▼	-	-	-	0.2	0.4	0.8	1.6	1.9	2.7	4.2	3.9	8.3	9.9	16.9	20.5	26.7	23.8	28.6	10.4	996	6.0	4.1	0.1		
▲	-	0.1	-	0.2	0.3	0.5	1.1	1.6	2.1	1.9	1.8	3.8	6.0	10.3	13.3	15.6	12.0	8.2	3.6	835	4.3	2.4	0.1		
<b>of which: Hodgkin lymphoma</b>																							<b>C81</b>		
▼	-	-	-	-	-	0.4	0.7	1.1	1.5	1.2	1.0	1.4	0.9	1.4	2.0	2.0	1.8	0.5	-	147	0.9	0.7	0.1		
▲	-	-	-	0.1	0.3	0.2	0.4	0.6	0.7	0.7	0.6	0.2	0.3	0.8	0.9	1.0	0.4	0.4	-	89	0.5	0.4	0.0		
<b>non-Hodgkin lymphomas</b>																							<b>C82-C83, C85</b>		
▼	-	-	-	0.2	0.4	0.4	0.7	0.8	1.2	2.4	2.1	4.5	5.2	9.6	11.4	16.5	14.5	20.5	7.6	566	3.4	2.3	0.1		
▲	-	0.1	-	0.1	-	0.3	0.7	0.9	1.3	1.1	0.8	2.1	3.0	5.3	6.9	8.9	7.6	5.7	2.7	467	2.4	1.3	0.1		
<b>Multiple myeloma and plasma cell tumors</b>																							<b>C90</b>		
▼	-	-	-	-	-	-	0.1	0.1	-	0.6	0.7	2.3	3.4	5.0	6.8	7.6	6.8	6.2	2.1	254	1.5	1.0	0.1		
▲	-	-	-	-	-	-	-	0.1	-	0.1	0.4	1.5	2.4	3.9	4.8	5.0	3.6	2.0	0.9	252	1.3	0.7	0.0		
<b>Leukemias</b>																							<b>C91-C95</b>		
▼	-	1.1	0.8	1.2	1.9	0.6	0.8	1.1	2.0	2.1	3.1	4.7	8.9	12.0	23.8	28.5	27.1	21.9	11.0	898	5.4	3.9	0.1		
▲	1.8	1.7	0.1	0.7	1.1	0.7	0.5	0.8	1.1	2.3	2.8	4.0	4.3	6.5	9.5	13.4	11.9	11.6	4.2	734	3.8	2.3	0.1		
<b>of which: Lymphoid leukemias</b>																							<b>C91</b>		
▼	-	0.5	0.7	1.0	1.2	0.2	0.3	0.5	0.4	0.6	1.4	2.2	5.0	4.9	12.6	13.7	17.6	11.4	4.8	453	2.7	1.9	0.1		
▲	1.2	1.2	0.1	0.6	0.4	0.4	-	0.3	0.2	0.2	0.5	1.2	1.6	3.5	3.8	5.5	5.9	5.9	2.7	306	1.6	0.9	0.1		
<b>Myeloid leukemias</b>																							<b>C92</b>		
▼	-	0.4	0.1	-	0.4	0.3	0.2	0.6	1.1	0.9	1.3	2.0	2.7	4.7	6.3	9.1	6.0	6.7	3.5	287	1.7	1.2	0.1		
▲	-	0.3	-	0.1	0.6	0.1	0.4	0.3	0.6	1.5	1.2	1.9	1.3	2.2	3.5	4.5	3.6	3.5	0.7	262	1.4	0.8	0.1		
<b>Leukemia of unspecified cell type</b>																							<b>C95</b>		
▼	-	0.1	-	-	0.2	-	0.1	0.1	0.2	0.4	0.3	0.1	0.5	1.3	3.0	2.3	2.0	1.4	2.8	83	0.5	0.4	0.0		
▲	-	0.3	-	-	0.1	0.2	-	0.1	0.1	0.2	0.6	0.7	0.6	0.2	1.1	1.9	1.3	1.2	0.7	87	0.5	0.3	0.0		
<b>Unknown primary site</b>																							<b>C77-C80</b>		
▼	-	-	-	-	0.2	0.2	-	0.5	0.9	2.2	4.8	9.2	18.5	25.4	35.4	41.9	37.9	36.6	20.7	1355	8.1	5.3	0.1		
▲	-	0.1	-	-	-	0.1	0.2	0.5	0.8	1.7	2.2	3.7	5.5	7.2	12.4	17.5	17.4	20.6	10.9	882	4.6	2.1	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

## Annex C

Administrative territory	Total	Age groups																		
		0-1	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+
Ukraine	2842.7	3.8	42.2	92.0	116.0	156.2	208.5	280.4	444.8	743.2	1148.1	1773.0	2553.1	3700.2	5454.8	7493.1	10870.9	10236.8	16470.4	13470.8
AR Krym	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinnyska	2906.7	0.0	52.8	93.8	126.2	176.7	220.1	317.7	488.1	836.6	1290.3	1902.7	2722.7	3932.4	5711.5	7413.9	10151.4	9485.3	14472.4	9602.7
Volynska	2277.5	0.0	17.2	66.4	98.1	123.7	212.6	231.3	343.6	643.8	1021.2	1757.7	2482.6	3482.5	5158.8	7075.0	9826.6	10546.3	12231.7	13554.1
Dnipropetrovska	2531.2	4.0	51.5	80.1	116.2	149.1	183.0	247.7	397.9	671.7	1095.0	1664.7	2362.0	3319.1	4995.3	6652.3	9768.8	8371.1	14186.4	6166.6
Donetska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zhytomyrska	2595.3	9.5	32.3	88.4	115.5	181.9	239.2	316.3	549.5	877.7	1320.3	1944.3	2675.4	3781.7	5425.6	7241.9	9297.1	8859.7	12219.5	6468.5
Zakarpatska	1848.1	14.5	23.2	74.9	85.2	118.7	137.9	188.8	302.9	531.0	820.8	1358.1	1938.0	2815.4	4270.9	5967.7	8092.5	8892.8	11195.5	20821.8
Zaporizska	2963.2	7.9	29.5	88.9	108.9	152.4	172.5	231.7	377.8	660.6	1063.7	1684.0	2495.7	3619.3	5226.7	7398.2	11526.6	9899.2	17625.6	10061.3
Ivano-Frankivska	2056.9	7.9	36.4	59.4	90.9	119.5	175.1	204.1	306.4	515.7	849.4	1261.8	1908.6	3017.0	4361.9	5970.9	8146.0	9319.6	9873.6	13260.7
Kyivska	3255.3	5.8	30.5	102.7	134.3	216.9	297.5	354.5	600.2	983.1	1516.2	2226.1	3058.2	4344.7	6508.2	8760.3	12153.5	11251.7	20434.1	15290.7
Kirovogradska	3083.7	14.2	30.5	95.4	93.7	167.6	221.8	305.6	508.4	1005.5	1389.4	2029.4	2892.1	4098.1	5762.2	7806.4	10849.9	9428.2	16395.3	7961.9
Luhanska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lvivska	2912.7	8.7	61.1	97.3	145.5	161.3	198.7	280.6	437.2	645.0	1087.2	1748.0	2498.0	3773.4	5471.4	7801.8	10795.5	12751.3	15325.5	22591.9
Mykolajivska	3418.8	0.0	42.3	87.1	110.1	148.8	202.7	273.4	454.4	790.8	1152.9	1839.9	2651.3	4033.0	6030.5	8511.5	12840.6	13006.1	23155.5	19790.2
Odesska	3055.0	4.3	47.3	84.4	109.2	137.7	190.4	276.0	416.2	682.4	1205.4	1868.2	2772.5	4030.5	5831.4	7955.1	12467.6	11553.2	20104.2	17006.4
Poltavska	3026.6	0.0	42.5	100.6	130.4	166.2	214.8	261.8	452.9	738.9	1139.8	1813.0	2601.6	3747.9	5467.2	7432.2	11206.1	9486.1	17226.1	11122.3
Rivnenska	2068.0	0.0	31.9	86.6	109.5	167.3	228.6	288.4	453.8	812.4	1205.9	1710.1	2316.7	3273.9	4889.7	6502.4	8686.3	8772.2	10240.9	13428.3
Soumska	3362.3	0.0	46.5	96.3	110.5	168.0	228.0	310.3	421.3	795.8	1233.0	1879.2	2734.8	4107.6	6096.3	8038.9	12648.2	9657.6	18304.8	12721.7
Ternopil'ska	2507.1	0.0	26.4	53.8	97.6	145.6	215.6	300.2	389.4	662.9	984.3	1545.3	2374.3	3322.4	5162.6	6519.5	9086.3	10120.4	11447.3	14696.0
Kharkivska	3072.8	0.0	48.4	88.6	115.4	129.9	174.7	286.7	408.0	642.5	991.6	1573.3	2367.7	3448.6	5259.8	7397.3	11634.3	9876.3	20766.1	18905.7
Khersonska	2953.5	0.0	27.4	92.6	84.5	156.2	246.5	279.7	481.3	826.7	1230.6	1849.8	2658.4	3924.3	5574.9	7943.7	11849.5	10433.0	17975.8	11235.2
Khmelnitska	2656.4	0.0	52.0	104.3	121.2	163.0	251.2	300.9	479.7	800.3	1196.2	1735.9	2460.8	3700.9	5121.2	6751.4	9399.1	8978.1	13110.7	8928.8
Cherkasska	3323.8	0.0	62.3	165.4	171.9	237.5	224.1	336.3	565.6	911.3	1284.1	1960.2	2807.4	3936.1	5760.0	7797.1	11064.6	10180.8	17973.2	12471.7
Chernivetska	2358.6	0.0	31.2	92.8	119.1	140.8	167.4	228.4	320.6	515.6	747.8	1260.1	2020.0	2872.6	4419.1	6066.7	9163.2	9940.5	13401.6	27818.5
Chernigivska	2871.5	0.0	26.5	124.8	94.4	110.2	241.9	252.4	475.2	842.3	1203.0	1813.0	2530.1	3549.1	5263.7	7044.5	9969.8	8230.1	12640.8	7077.7
Kyiv city	3318.6	3.1	56.2	111.4	130.0	171.9	234.0	340.8	547.0	878.2	1281.6	2056.7	2968.0	4298.6	6364.1	9114.9	13251.3	13508.2	25087.2	20099.5
Sevastopol city	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

## Annex C - continued

Administrative territory	Total	Age groups																		
		0-1	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+
Ukraine	2152.1	5.0	44.8	98.3	128.7	164.8	197.0	240.5	322.5	468.4	669.1	1029.1	1617.9	2651.0	4523.2	7040.3	11565.3	12601.8	21035.5	19579.9
AR Krym	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinnyska	2161.4	0.0	46.4	108.6	132.1	161.7	198.9	241.2	335.3	519.3	713.1	1091.2	1731.1	2690.7	4696.8	6771.1	10375.1	11612.1	17703.3	14527.7
Volynska	1673.7	0.0	18.6	78.5	124.2	184.2	168.3	212.0	257.7	393.5	551.5	962.6	1480.5	2484.7	4208.6	6474.7	10243.4	13300.7	17854.9	20863.7
Dnipropetrovska	1829.4	7.8	51.7	82.5	140.8	176.8	167.7	207.6	268.6	402.9	601.6	967.6	1506.0	2363.9	4171.6	6113.8	10398.4	9827.7	16727.5	7347.7
Donetska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zhytomyrska	1863.9	18.4	29.6	74.0	128.8	160.6	241.8	284.3	325.2	524.3	730.4	1004.2	1668.2	2582.0	4452.8	6788.0	9852.0	10155.9	15022.9	9250.3
Zakarpatska	1427.9	28.3	23.9	81.6	110.3	117.8	132.0	165.0	221.5	386.7	552.7	781.2	1253.9	1964.9	3851.8	5597.4	8394.3	10872.0	14499.2	32800.6
Zaporizzka	2243.3	15.4	48.1	88.8	109.0	154.6	165.8	197.2	268.9	386.7	561.0	1002.1	1560.1	2559.1	4513.0	7298.9	12793.3	12314.5	21656.9	14212.4
Ivano-Frankivska	1616.2	15.3	41.8	57.5	89.8	140.3	174.0	181.6	268.7	361.8	544.6	794.4	1221.4	2236.8	3796.0	5700.3	8793.7	11524.3	13456.9	20843.9
Kyivska	2408.1	11.1	33.2	127.5	153.8	206.8	310.6	293.3	426.8	583.2	923.2	1167.4	1936.7	3027.1	5156.2	8422.8	12942.4	13876.4	26336.8	23879.1
Kirovogradska	2230.8	0.0	16.1	122.4	103.8	177.1	167.1	215.3	353.3	581.1	667.4	1022.1	1630.9	2823.2	4736.9	7384.7	12002.3	10359.9	18551.5	9683.5
Luhanska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lvivska	2378.0	8.5	51.4	97.1	154.9	174.1	198.9	249.7	347.7	423.0	701.3	1080.1	1683.3	2847.0	4718.0	7836.3	11974.9	16797.4	21609.1	36952.3
Mykolajivska	2689.9	0.0	56.0	83.9	123.8	130.8	216.5	211.2	357.3	504.0	722.2	1143.5	1751.9	3155.7	5161.9	8182.1	14625.5	16620.2	30945.3	27489.5
Odesska	2437.5	0.0	48.3	91.7	125.2	146.0	208.8	255.5	307.1	409.3	715.2	1085.5	1843.4	3141.4	5207.3	7845.1	14034.0	14478.0	25624.7	22311.4
Poltavska	2235.4	0.0	45.0	126.6	134.1	166.6	214.2	218.9	308.9	454.6	684.7	1125.2	1663.8	2710.6	4382.5	6860.0	11378.9	11142.8	20002.1	16486.2
Rivnenska	1492.2	0.0	34.4	81.3	115.5	164.1	170.5	249.3	318.4	524.8	687.4	990.5	1375.6	2279.2	3895.5	5759.2	9010.6	10634.8	14501.5	20593.9
Soumska	2485.6	0.0	47.4	123.7	109.2	185.1	195.5	260.3	324.0	538.9	756.8	1168.4	1854.6	3014.0	4973.9	7168.5	13012.0	11117.1	21277.7	16443.1
Ternopil'ska	1987.5	0.0	32.7	62.3	110.8	160.6	218.0	237.2	315.2	490.5	564.0	979.9	1369.2	2368.7	4339.8	6333.4	9890.7	13350.7	16940.4	25510.2
Kharkivska	2294.1	0.0	51.9	99.8	133.1	148.3	160.1	237.8	286.4	425.5	583.1	897.9	1498.8	2420.9	4157.1	6864.8	11927.2	12349.5	26662.7	27361.2
Khersonska	2220.7	0.0	30.8	73.7	89.7	169.7	225.6	237.3	338.6	519.7	698.4	1039.0	1544.5	2768.1	4597.2	7630.4	13068.3	13904.7	23285.3	16958.4
Khmelnitska	2012.8	0.0	60.3	119.2	120.7	139.6	233.7	271.5	356.2	553.1	735.8	1043.7	1581.3	2609.4	4217.4	6378.5	10248.7	10969.0	17548.4	12414.0
Cherkasska	2572.8	0.0	62.3	179.9	198.2	230.1	172.6	265.8	419.3	541.9	727.8	1172.0	1780.2	2715.9	4992.6	7529.9	11817.3	12367.6	22576.2	19107.9
Chernivetska	1949.9	0.0	23.3	79.7	150.2	150.5	141.9	232.8	267.7	375.8	479.8	823.9	1414.2	2300.1	3819.6	6208.4	10009.1	12803.3	19179.9	40722.9
Chemigivska	2157.6	0.0	17.3	130.5	111.4	140.8	232.6	254.3	343.5	514.2	730.7	1147.1	1693.2	2624.4	4402.4	6560.2	10513.6	10473.8	15750.2	10068.3
Kyiv city	2459.9	0.0	74.1	117.2	134.7	190.3	229.9	309.6	398.5	546.5	720.7	1122.1	1794.2	2904.0	4873.4	7862.6	13143.1	15163.3	28650.7	24213.2
Sevastopol city	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

## Annex C - continued

Administrative territory	Total	Age groups																		
		0-1	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+
Ukraine	3442.4	2.6	39.5	85.2	102.5	147.2	220.6	322.2	570.1	1019.4	1604.6	2458.8	3366.3	4537.3	6122.1	7779.0	10493.4	9187.6	14590.1	11505.1
AR Krym	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinnyska	3548.9	0.0	59.7	78.1	120.1	192.7	242.5	397.9	648.0	1139.0	1826.9	2652.3	3616.0	4963.6	6474.0	7831.7	10026.9	8558.7	13129.0	8210.9
Volynska	2817.4	0.0	15.7	53.4	70.4	59.3	259.5	251.5	430.3	878.7	1478.6	2511.1	3395.7	4305.3	5877.3	7469.5	9588.7	9393.7	10416.0	11456.3
Dnipropetrovska	3121.0	0.0	51.4	77.6	90.2	119.2	199.4	290.1	530.6	941.8	1559.9	2281.4	3052.5	4035.0	5548.8	6970.4	9459.3	7780.0	13144.2	5738.6
Donetska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zhytomyrska	3231.8	0.0	35.3	103.8	101.4	204.8	236.6	350.5	787.8	1244.8	1875.3	2821.1	3575.8	4777.9	6134.6	7529.6	9006.9	8318.8	11136.3	5677.8
Zakarpatska	2237.3	0.0	22.4	67.8	58.5	119.7	144.1	213.8	384.4	676.0	1091.4	1921.7	2569.8	3534.2	4596.1	6226.1	7911.2	7915.4	9858.9	16994.9
Zaporizzka	3568.1	0.0	9.6	89.1	108.7	150.0	179.5	268.3	490.5	930.6	1551.7	2300.8	3276.6	4434.5	5713.2	7458.1	10894.7	8915.2	15981.1	8734.4
Ivano-Frankivska	2452.6	0.0	30.6	61.5	92.1	97.6	176.2	227.4	345.7	665.9	1151.3	1711.5	2540.3	3673.9	4799.4	6154.7	7777.8	8303.3	8490.9	10922.5
Kyivska	3974.8	0.0	27.7	76.1	113.3	227.6	284.4	412.8	765.3	1371.9	2079.4	3183.2	4014.4	5382.9	7472.2	8970.3	11742.4	10199.3	18114.1	12936.0
Kirovogradska	3813.3	29.0	45.7	66.8	83.0	157.5	281.4	404.3	680.1	1406.9	2073.6	2934.9	3963.4	5110.7	6486.8	8063.3	10259.1	8995.4	15394.2	7350.7
Luhanska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lvivska	3394.4	8.9	71.3	97.5	135.7	148.1	198.4	312.7	530.3	887.4	1467.7	2386.8	3243.9	4558.5	6052.7	7778.9	10115.8	10792.5	12792.8	17998.6
Mykolajivska	4048.2	0.0	27.7	90.7	95.5	167.9	188.3	339.4	556.8	1087.0	1562.5	2473.4	3400.3	4715.9	6634.7	8717.1	11905.5	11425.7	19910.5	17214.8
Odesska	3604.2	9.0	46.2	76.5	92.3	129.0	171.0	297.7	530.0	989.0	1668.6	2589.9	3571.9	4731.6	6272.9	8024.7	11600.6	10142.6	17586.5	14749.1
Poltavska	3704.1	0.0	39.8	72.7	126.4	165.8	215.5	307.5	605.0	1022.2	1572.2	2442.5	3404.1	4589.6	6238.9	7786.4	11115.0	8752.3	16013.4	9564.9
Rivnenska	2589.2	0.0	29.4	92.0	103.1	170.7	288.1	329.4	595.8	1085.6	1715.2	2411.7	3176.8	4111.3	5654.7	6990.0	8507.4	7952.4	8757.4	11371.8
Soumska	4105.8	0.0	45.4	67.3	111.8	149.7	262.1	362.8	523.1	1046.4	1682.5	2525.3	3495.5	4982.9	6903.7	8598.1	12449.0	9040.2	17065.8	11573.9
Ternopil'ska	2963.9	0.0	19.7	44.9	83.8	129.7	213.0	365.4	465.6	824.1	1393.8	2082.7	3302.9	4141.5	5800.3	6644.5	8632.9	8689.4	9474.7	11619.3
Kharkivska	3745.2	0.0	44.6	76.6	96.5	110.6	191.1	340.0	534.3	873.2	1389.7	2194.1	3107.1	4235.3	6004.0	7717.3	11477.5	8801.2	18317.3	16114.9
Khersonska	3588.4	0.0	23.7	112.8	79.0	141.7	268.9	325.2	633.3	1132.4	1744.1	2581.5	3603.7	4839.9	6268.8	8143.0	11213.0	8999.0	15910.9	9574.6
Khmelnitska	3214.3	0.0	43.3	88.5	121.8	188.6	269.2	331.8	611.0	1050.7	1636.4	2381.9	3248.6	4598.8	5790.2	6994.8	8929.4	8111.8	11444.6	7947.7
Cherkasska	3961.6	0.0	62.3	149.7	143.9	245.3	277.7	409.8	716.5	1283.0	1807.3	2666.0	3692.0	4932.9	6314.3	7969.0	10646.0	9199.1	15996.5	10564.1
Chernivetska	2722.5	0.0	39.5	106.7	86.1	130.7	193.5	224.0	373.1	649.2	1008.4	1679.1	2569.6	3351.6	4865.5	5972.3	8682.6	8583.8	11000.1	23172.8
Chemigivska	3467.2	0.0	36.0	118.8	76.5	77.6	251.7	250.3	618.1	1212.3	1639.7	2416.5	3250.6	4273.4	5870.8	7347.5	9687.5	7345.1	11513.8	6263.8
Kyiv city	4057.1	6.3	37.0	105.2	125.0	152.9	238.3	371.9	681.8	1186.3	1781.0	2901.3	3977.9	5325.0	7367.1	9898.6	13315.6	12604.4	23178.4	18351.5
Sevastopol city	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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