

<b>Table 1</b> <b>General rates, 1999</b>	♂	♀	♂
Incidence (crude rate)	8.4		15.8
Incidence (world standard)	5.9		10.5
Incidence (Ukrainian standard)	8.6		14.8
Incidence rate of 1999 in comparison with 1998 (Ukrainian standard), %	-1.15% ~~		-1.99% ~~
<b>Estimated incidence rate for 2000 (Ukrainian standard)</b>	8.6		14.9
Mortality (crude rate)	5.4		10.2
Mortality (world standard)	3.6		6.2
Mortality (Ukrainian standard)	5.5		9.3
<b>Estimated mortality rate for 2000 (Ukrainian standard)</b>	5.6		9.5
Relative 5-year survival rate, %	28.3		28.3
Median of relative survival (months)	14.8		14.8
Deaths during the first year of disease (diagnoses of 1999), %	39.7%		39.7%
Patients underwent treatment during the first year of disease, %	72.2%		72.2%
Microscopically verified diagnoses, %	80.3%		80.3%
Probability of developing cancer at the age under 39	0.1% 1 in 1942		0.1% 1 in 975
Probability of developing cancer at the age 40 – 59	0.3% 1 in 350		0.5% 1 in 190
Probability of developing cancer at the age 60+	0.6% 1 in 183		0.8% 1 in 121
Lifetime probability of developing cancer	0.9% 1 in 113		1.5% 1 in 69

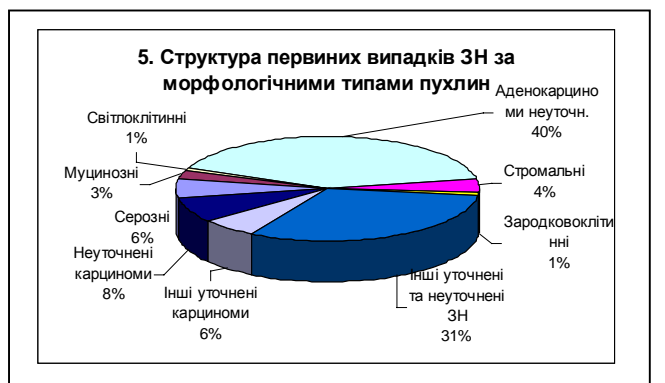


Table 2 Incidence, 1999	Crude incidence rate per 100, 000			Age-standardised incidence rate (Ukrainian standard 2000)			Cumulative risk of developing cancer at the age up to 75,%			Estimated number of cases for 2000		
	♣♣	♣	♣♣	♣♣	♣	♣♣	♣♣	♣	♣♣	♣♣	♣	♣♣
Ukraine	8.4		15.8	8.6		14.8	0.67		1.17	4254		4254
Vinnitska	7.6		14.0	7.3		12.6	0.56		0.98	130		130
Volynska	7.9		15.0	9.0		16.1	0.72		1.27	62		62
Dnipropetrovska	8.4		15.6	8.4		14.6	0.68		1.18	304		304
Donetska	9.8		18.3	9.5		16.3	0.72		1.25	488		488
Zhytomirska	7.0		13.0	7.0		12.2	0.50		0.88	77		77
Zakarpatska	5.8		11.2	6.7		12.1	0.55		0.98	72		72
Ivano-Frankivska	7.1		13.5	7.8		13.6	0.65		1.13	73		73
Kyivska	9.5		17.8	9.6		16.7	0.75		1.31	147		147
Kirovogradska	7.9		14.7	7.7		12.8	0.56		0.96	105		105
Louganska	8.4		15.7	8.2		14.2	0.64		1.11	202		202
Lvivska	8.5		16.1	9.0		16.0	0.73		1.29	173		173
Mykolajivska	6.3		11.9	6.6		11.4	0.54		0.94	92		92
Odessa	9.1		17.0	9.4		16.4	0.73		1.27	243		243
Poltavska	10.1		18.6	9.7		16.9	0.76		1.33	160		160
Rivnenska	8.9		17.1	10.2		17.8	0.81		1.42	104		104
Soumska	6.8		12.6	6.6		11.7	0.54		0.95	123		123
Kharkivska	8.4		15.5	8.3		14.2	0.66		1.14	236		236
Khersonska	8.8		16.6	9.3		16.1	0.78		1.35	82		82
Khmelnitska	7.4		13.8	7.3		12.4	0.57		0.98	126		126
Cherkasska	9.2		16.8	8.8		15.2	0.72		1.25	137		137
Chernivetska	5.4		10.2	5.9		10.2	0.48		0.83	61		61
Chernigivska	7.8		14.3	6.9		11.9	0.58		0.99	129		129
Kyiv city	10.4	0.0	19.6	11.4		19.9	0.86		1.52	263		263

Table 3 Mortality, 1999	Crude mortality rate per 100, 000			Age-standardised mortality rate (Ukrainian standard 2000)			Potential years of life lost by able-bodied persons died from cancer in 1999			Estimated number of deaths for 2000		
	♣♣	♣	♣♣	♣♣	♣	♣♣	♣♣	♣	♣♣	♣♣	♣	♣♣
Ukraine	5.4		10.2	5.5		9.3	6476.0		6476.0	2780	0	2780
Vinnitska	4.8		8.8	4.5		7.5	208.7		208.7	79	0	79
Volynska	4.1		7.7	4.5		7.9	139.0		139.0	50		50
Dnipropetrovska	5.5		10.3	5.7		9.5	485.8		485.8	218		218
Donetska	7.0		13.1	6.8		11.3	685.3		685.3	330		330
Zhytomirska	4.7		8.8	4.6		7.8	159.1		159.1	56		56
Zakarpatska	3.4		6.5	4.1		7.1	90.5		90.5	50		50
Ivano-Frankivska	4.2		8.0	4.7		8.0	139.8		139.8	56		56
Kyivska	5.8		10.8	5.8		9.9	250.2		250.2	94		94
Kirovogradska	6.5		12.0	6.2		10.2	172.3		172.3	80		80
Louganska	5.9		11.1	5.8		9.9	449.3		449.3	153		153
Lvivska	4.2		8.0	4.6		7.9	317.6		317.6	108		108
Mykolajivska	4.0		7.4	4.3		7.2	195.9		195.9	63		63
Odessa	4.9		9.1	5.2		8.7	285.6		285.6	125		125
Poltavska	6.4		11.8	5.9		9.9	275.7		275.7	93		93
Rivnenska	4.3		8.2	4.9		8.4	125.1		125.1	64		64
Soumska	6.2		11.3	6.1		10.6	220.5		220.5	90		90
Kharkivska	5.9		10.9	5.8		9.7	499.2		499.2	118		118
Khersonska	5.4		10.2	6.0		10.0	140.1		140.1	72		72
Khmelnitska	5.1		9.5	4.9		8.1	59.5		59.5	74		74
Cherkasska	4.7		8.7	4.4		7.2	185.3		185.3	104		104
Chernivetska	5.2		9.8	5.7		9.6	83.0		83.0	46		46
Chernigivska	6.8		12.3	5.9		10.0	174.9		174.9	77		77
Kyiv city	5.9		11.1	6.8		11.5	395.3		395.3	150		150

Table 4 Delay in registration	Share of cases of 1998 registered in (%):			Share of cases of 1999 registered in (%):		Share of deaths in 1998 registered in (%):			Share of deaths in 1999 registered in (%):	
	1998	1999	2000	1999	2000	1998	1999	2000	1999	2000
Ukraine	94.2	4.8	1.0	95.5	4.5	96.7	2.7	0.6	99.0	1.0
Vinnitska	98.2	1.8	0.0	99.3	0.7	92.4	0.0	7.6	100.0	0.0
Volynska	93.2	5.4	1.4	98.8	1.2	98.4	1.6	0.0	100.0	0.0
Dnipropetrovska	91.9	7.4	0.7	96.8	3.2	95.3	4.7	0.0	100.0	0.0
Donetska	91.7	6.9	1.4	93.3	6.7	97.9	2.1	0.0	98.6	1.4
Zhytomirska	95.8	3.1	1.0	92.0	8.0	98.6	1.4	0.0	98.5	1.5
Zakarpatska	92.0	6.8	1.1	94.6	5.4	97.1	2.9	0.0	100.0	0.0
Ivano-Frankivska	98.8	1.2	0.0	97.1	2.9	100.0	0.0	0.0	96.7	3.3
Kyivska	96.0	2.8	1.1	97.2	2.8	96.8	2.1	1.1	98.1	1.9
Kirovogradska				100.0	0.0				100.0	0.0
Louganska	97.2	2.8	0.0	97.8	2.2	96.0	2.8	1.1	96.8	3.2
Lvivska	91.2	5.5	3.3	94.3	5.7	89.8	10.2	0.0	99.1	0.9
Mykolajivska	95.0	4.0	1.0	97.6	2.4	100.0	0.0	0.0	100.0	0.0
Odessa	93.8	5.8	0.4	96.9	3.1	93.1	6.9	0.0	99.2	0.8
Poltavska				98.8	1.2				100.0	0.0
Rivnenska	100.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Soumska	98.3	0.9	0.9	95.7	4.3	100.0	0.0	0.0	100.0	0.0
Kharkivska	95.8	3.8	0.3	96.0	4.0	100.0	0.0	0.0	100.0	0.0
Khersonska	84.8	11.1	4.0	90.8	9.2	100.0	0.0	0.0	100.0	0.0
Khmelnitska	95.9	2.0	2.0	98.2	1.8	94.5	2.2	3.3	100.0	0.0
Cherkasska	93.1	6.9	0.0	89.6	10.4	97.7	2.3	0.0	94.2	5.8
Chernivetska	100.0	0.0	0.0	100.0	0.0	95.7	0.0	4.3	100.0	0.0
Chernigivska	97.6	0.8	1.6	95.1	4.9	100.0	0.0	0.0	100.0	0.0
Kyiv city	92.6	7.0	0.4	90.0	10.0	93.4	5.9	0.7	98.0	2.0

Table 5 Data quality indicators	Primary site not specified in details within an organ or a body system, %			Morphology type not specified, %			Ill-defined or not defined TNM indices, %			Incomplete date of birth, %		
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
Ukraine	6.8	0.3	0.0	27.1	30.5	29.0	18.4	15.0	12.5	42.8	31.8	25.4
Vinnitska	1.8	0.0	0.0	42.0	35.5	31.8	6.3	7.2	6.2	36.6	44.2	20.9
Volynska	0.0	0.0	0.0	8.7	7.2	0.0	1.4	2.4	1.6	14.5	6.0	3.3
Dnipropetrovska	0.0	0.0	0.0	21.2	20.1	18.6	11.4	4.6	1.7	1.8	0.7	0.0
Donetska	0.0	0.0	0.0	42.6	42.3	37.2	31.4	24.1	21.9	38.1	19.3	16.6
Zhytomirska	0.0	0.0	0.0	32.6	17.4	15.5	28.3	0.0	7.0	13.0	6.5	7.0
Zakarpatska	0.0	0.0	0.0	25.9	38.6	41.2	50.6	40.0	11.8	53.1	72.9	39.7
Ivano-Frankivska	85.9	0.0	0.0	33.0	25.0	38.0	2.4	4.0	1.4	98.8	94.0	31.0
Kyivska	7.6	0.0	0.0	23.0	33.9	28.7	12.9	12.9	4.2	76.5	50.9	44.8
Kirovogradska		0.0	0.0		65.6	66.7		9.7	8.6		39.8	33.3
Louganska	0.0	0.0	0.0	12.2	15.1	19.2	10.2	11.4	12.6	7.3	10.0	9.6
Lvivska	0.0	0.0	0.0	18.2	41.2	42.1	8.5	7.4	3.7	32.1	25.5	4.9
Mykolajivska	0.0	0.0	0.0	11.5	8.6	7.8	14.6	3.7	4.4	24.0	24.7	17.8
Odessa	0.0	0.0	0.0	14.8	10.0	6.4	9.1	5.0	0.4	4.1	1.4	2.1
Poltavska		0.0	0.0		43.8	41.8		94.7	67.1		26.6	30.4
Rivnenska	0.0	0.0	0.0	37.3	39.6	51.9	4.8	1.9	0.0	61.4	42.5	48.1
Soumska	0.0	0.0	0.0	11.4	11.4	26.3	0.9	0.0	11.0	14.9	14.8	15.3
Kharkivska	10.8	0.0	0.0	27.7	28.3	22.5	12.3	13.8	12.8	97.1	97.1	84.6
Khersonska	0.0	0.0	0.0	39.3	47.5	42.7	6.0	15.2	4.0	14.3	13.1	12.0
Khmelnitska	0.7	0.0	0.0	22.5	62.6	41.9	47.9	1.9	2.4	52.1	63.6	13.7
Cherkasska	71.1	10.0	0.0	57.8	33.3	38.7	3.4	21.7	22.6	45.6	29.2	30.6
Chernivetska	0.0	0.0	0.0	30.0	35.3	52.5	51.7	25.5	1.6	78.3	17.6	24.6
Chernigivska	0.8	0.0	0.0	26.8	21.6	10.6	31.7	13.4	5.7	85.4	17.5	11.4
Kyiv city	0.0	0.0	0.0	18.8	22.7	18.5	33.8	7.0	14.3	78.4	51.7	21.8
AR Krym			0.0			34.1			30.2			95.5
Sevastopol city			0.0			13.7			2.0			7.8

Table 6 Deaths during the first year and post mortem cases	Died during the first year among new cases of. %			New cases of 1999 died during (%):			Number of diagnosed post mortem			from among them without autopsy		
	1997	1998	1999	first month	first 3 months	first 6 months	1998	1999	2000	1998	1999	2000
Ukraine	43.2	41.6	39.7	6.1	17.1	27.4	3.2%	1.9%	2.3%	24.0%	19.6%	28.6%
Vinnitska	37.0	39.3	43.8	3.6	16.1	27.0	2	0	0	2	0	0
Volynska	54.9	41.9	39.0	3.7	13.4	22.0	0	1	1	0	0	0
Dnipropetrovska		39.2	36.6	8.4	18.5	26.8	6	9	1	0	0	1
Donetska	50.2	47.3	48.4	5.3	17.5	31.3	4	2	6	1	0	0
Zhytomirska	41.2	52.6	36.4	5.1	13.1	26.3	2	0	1	0	0	0
Zakarpatska	48.4	41.2	38.9	4.2	15.3	19.4	0	1	0	0	0	0
Ivano-Frankivska	53.7	44.4	44.7	6.8	20.4	28.2	0	0	1	0	0	0
Kyivska	46.9	36.1	44.0	7.2	21.1	31.3	0	2	0	0	0	0
Kirovogradska			49.5	12.1	25.3	34.1		2	2		0	0
Louganska	46.7	43.1	43.5	6.0	14.8	28.7	3	1	3	0	0	0
Lvivska	33.8	36.3	27.4	1.9	9.3	19.1	3	2	0	1	2	0
Mykolajivska	48.2	36.6	38.1	10.7	22.6	29.8	9	2	2	7	0	1
Odeska	31.2	40.7	32.7	8.3	16.1	27.2	10	7	2	0	1	0
Poltavska			39.3	2.4	16.7	27.4		0	0		0	0
Rivnenska		34.9	33.3	2.0	11.8	23.5	1	0	1	0	0	0
Soumska	41.7	43.0	33.3	1.1	10.0	21.1	2	0	1	0	0	0
Kharkivska	49.6	44.7	41.3	10.4	23.3	32.1	19	9	11	4	5	7
Khersonska	40.0	44.6	45.1	7.8	23.5	29.4	1	1	1	0	0	1
Khmelnitska	40.1	33.6	39.8	4.6	14.8	26.9	3	0	3	0	0	0
Cherkasska	33.6	41.8	33.1	5.3	12.0	23.3	6	4	7	0	1	0
Chernivetska	50.9	38.7	46.8	14.9	25.5	36.2	0	0	0	0	0	0
Chernigivska	57.4	55.8	52.5	13.1	35.4	40.4	3	1	4	3	0	3
Kyiv city	33.6	31.9	30.6	3.1	10.2	19.2	1	2	3	0	0	0
AR Krym										6		3
Sevastopol city										0		0

Table 7 Activities of oncological services	Proportion of patients with diagnosis microscopically verified. %			Proportion of patients diagnosed at the time of preventive inspections. %			Proportion of neglected cases, %			Proportion of patients underwent treatment among new cases of, %		
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
Ukraine	79.4	80.3	80.5	18.5	18.3	15.9	25.2	22.4	21.3	72.1	72.2	73.7
Vinnitska	60.5	66.9	79.1	5.4	1.5	8.0	17.5	25.9	16.3	75.9	64.2	74.4
Volynska	93.2	91.7	100.0	20.3	13.4	8.3	44.6	36.9	29.5	77.0	80.5	81.7
Dnipropetrovska	83.8	84.7	88.1	10.1	10.7	6.4	18.5	24.6	22.7	76.6	75.2	80.4
Donetska	58.7	62.6	63.7	20.1	25.8	20.4	26.6	21.5	23.2	66.6	72.3	69.2
Zhytomirska	69.8	83.0	87.3	26.3	40.4	24.2	40.6	45.0	40.8	67.4	78.8	80.3
Zakarpatska	80.7	73.0	72.1	20.0	8.3	22.4	29.5	43.2	29.4	72.9	66.7	73.1
Ivano-Frankivska	91.9	79.6	74.6	8.6	3.9	0.0	34.9	27.2	16.9	70.4	64.1	73.2
Kyivska	87.0	84.1	84.6	10.8	10.8	12.2	23.7	22.2	24.5	78.3	72.3	69.8
Kirovogradska		68.8	60.0		17.6	7.8		23.7	31.4		52.7	65.0
Louganska	91.0	88.4	86.4	41.7	40.7	45.2	14.2	10.7	10.6	81.9	76.9	66.5
Lvivska	92.3	88.6	89.6	28.5	11.2	8.2	11.6	8.3	7.9	74.3	77.7	84.3
Mykolajivska	89.1	91.6	92.5	51.6	51.2	37.5	26.7	22.9	25.8	71.0	72.6	73.9
Odeska	90.3	91.7	97.0	10.8	11.1	10.7	32.6	28.9	20.8	70.5	77.0	83.1
Poltavska		80.1	75.3		14.3	18.8		19.9	22.2		56.5	67.8
Rivnenska	72.3	81.1	69.2	26.5	28.4	24.3	45.8	34.0	30.8	57.8	68.6	68.0
Soumska	90.5	95.7	91.5	21.1	13.3	7.8	25.9	18.5	16.9	81.6	86.7	80.0
Kharkivska	82.7	82.8	83.2	11.6	13.3	8.9	37.4	32.8	25.2	69.1	71.7	73.7
Khersonska	72.7	70.6	68.0	14.1	3.9	5.4	19.2	22.0	29.3	78.3	76.5	67.6
Khmelnitska	73.6	75.2	77.4	16.4	19.4	19.7	11.5	11.0	8.1	73.3	67.6	68.4
Cherkasska	71.3	77.6	89.4	7.2	12.0	8.1	30.0	20.9	19.7	50.3	69.9	71.8
Chernivetska	86.7	82.4	62.3	16.1	14.9	18.6	26.7	25.5	31.1	75.8	78.7	74.6
Chernigivska	78.6	82.4	88.6	0.8	4.0	12.4	32.5	26.5	17.1	72.5	69.7	79.3
Kyiv city	85.2	84.4	83.5	27.3	30.6	37.7	10.4	7.8	15.3	78.7	74.5	81.2
AR Krym			69.4			1.1			21.7			59.4
Sevastopol city			88.2			0.0			35.3			78.7