

<b>Table 1</b> <b>General rates, 1999</b>	♂	♀	♂
Incidence (crude rate)	4.1	6.6	1.9
Incidence (world standard)	2.4	4.9	0.8
Incidence (Ukrainian standard)	4.1	8.5	1.6
Incidence rate of 1999 in comparison with 1998 (Ukrainian standard), %	-4.65% ~~	-2.30% ~~	0.00% ~~
<b>Estimated incidence rate for 2000 (Ukrainian standard)</b>	4.2	8.5	1.6
Mortality (crude rate)	0.8	1.3	0.3
Mortality (world standard)	0.4	1.0	0.1
Mortality (Ukrainian standard)	0.8	1.8	0.2
<b>Estimated mortality rate for 2000 (Ukrainian standard)</b>	0.9	2.0	0.3
Relative 5-year survival rate, %	83.8	82.8	86.6
Median of relative survival (months)	-	-	-
Deaths during the first year of disease (diagnoses of 1999), %	6.8%	6.6%	7.2%
Patients underwent treatment during the first year of disease, %	82.8%	83.2%	81.4%
Microscopically verified diagnoses, %	93.4%	94.4%	90.4%
Probability of developing cancer at the age under 39	0.0% 1 in 29967	0.0% 1 in 17175	0.0% 1 in 110105
Probability of developing cancer at the age 40 – 59	0.1% 1 in 1477	0.1% 1 in 753	0.0% 1 in 6912
Probability of developing cancer at the age 60+	0.5% 1 in 190	1.1% 1 in 88	0.3% 1 in 384
Lifetime probability of developing cancer	0.6% 1 in 167	1.3% 1 in 78	0.3% 1 in 362

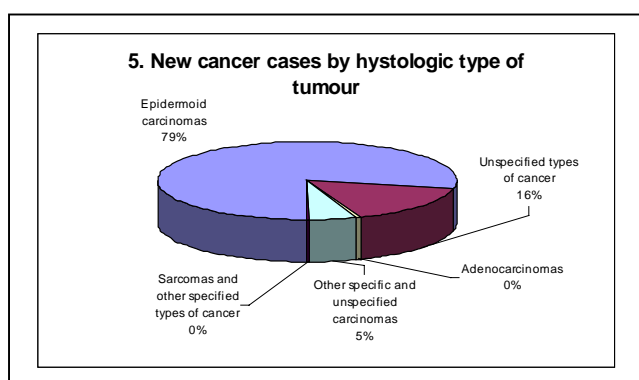


Table 2 Incidence, 1999	Crude incidence rate per 100, 000			Age-standardised incidence rate (Ukrainian standard 2000)			Cumulative risk of developing cancer at the age up to 75,%			Estimated number of cases for 2000		
	♣♣	♣	♣	♣♣	♣	♣	♣♣	♣	♣	♣♣	♣	♣
Ukraine	4.1	6.6	1.9	4.1	8.5	1.6	0.30	0.59	0.10	2061	1536	525
Vinnitska	5.7	9.1	2.8	5.0	10.4	2.0	0.35	0.70	0.13	112	80	32
Volynska	4.9	7.4	2.7	5.0	10.0	2.3	0.40	0.70	0.20	56	43	13
Dnipropetrovska	3.0	4.9	1.3	3.1	6.4	1.1	0.23	0.46	0.08	135	105	30
Donetska	3.4	5.5	1.6	3.3	7.0	1.3	0.23	0.45	0.08	122	89	33
Zhytomirska	4.8	8.2	1.8	4.5	10.5	1.2	0.27	0.59	0.05	75	55	20
Zakarpatska	1.6	2.6	0.8	2.1	4.0	0.8	0.17	0.33	0.07	22	19	3
Ivano-Frankivska	4.1	6.5	1.8	4.5	8.7	1.7	0.33	0.72	0.06	43	34	9
Kyivska	5.5	9.4	2.1	5.4	12.8	1.7	0.39	0.83	0.11	77	60	17
Kirovogradska	4.7	6.9	2.8	4.4	8.5	2.3	0.32	0.59	0.17	75	52	23
Louganska	4.2	6.7	2.0	4.1	7.9	1.6	0.31	0.65	0.09	98	71	27
Lvivska	3.4	5.5	1.4	3.6	7.6	1.3	0.26	0.52	0.09	66	53	13
Mykolajivska	6.2	10.7	2.3	6.7	14.8	2.0	0.46	1.05	0.08	62	47	15
Odessa	3.5	5.9	1.4	3.8	7.8	1.3	0.28	0.55	0.09	100	72	28
Poltavska	6.5	12.1	1.9	6.0	13.8	1.2	0.46	1.03	0.08	92	71	21
Rivnenska	4.1	5.5	2.7	4.6	8.3	2.5	0.35	0.67	0.15	37	28	9
Soumska	6.2	8.6	4.1	5.6	9.8	3.0	0.45	0.75	0.25	110	81	29
Kharkivska	3.0	4.5	1.7	2.9	5.8	1.3	0.18	0.37	0.06	93	75	18
Khersonska	6.9	10.9	3.4	8.0	16.4	3.2	0.52	1.05	0.17	82	51	31
Khmelnitska	5.3	9.3	1.9	5.0	11.2	1.5	0.40	0.83	0.12	90	61	29
Cherkasska	5.4	8.3	3.0	4.9	9.6	2.0	0.35	0.72	0.11	91	64	27
Chernivetska	4.7	6.8	2.8	5.1	9.3	2.5	0.36	0.68	0.14	37	29	8
Chernigivska	3.8	5.8	2.1	3.1	6.3	1.4	0.22	0.39	0.10	66	55	11
Kyiv city	1.1	1.6	0.6	1.3	2.5	0.7	0.09	0.16	0.04	40	32	8

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	0.8	1.3	0.3	0.8	1.8	0.2	410	390	20	433	336	97
Vinnitska	0.7	1.1	0.3	0.6	1.2	0.2	9.1	9.1	0.0	9	7	2
Volynska	0.1	0.2	0.0	0.1	0.4	0.0	0.0	0.0	0.0	7	5	2
Dnipropetrovska	0.6	0.9	0.2	0.6	1.2	0.2	26.0	26.0	0.0	23	20	3
Donetska	0.9	1.6	0.2	0.8	2.1	0.1	34.3	34.3	0.0	31	26	5
Zhytomirska	0.9	1.3	0.5	0.8	1.6	0.3	6.3	6.3	0.0	14	10	4
Zakarpatska	0.4	0.8	0.0	0.5	1.3	0.0	14.6	14.6	0.0	3	3	0
Ivano-Frankivska	0.7	1.5	0.0	0.7	1.8	0.0	4.1	4.1	0.0	5	5	0
Kyivska	1.2	2.1	0.4	1.1	2.8	0.2	35.8	35.8	0.0	11	10	1
Kirovogradska	1.3	1.9	0.8	1.1	2.4	0.5	0.9	0.9	0.0	10	5	5
Louganska	0.9	1.3	0.6	0.9	1.6	0.5	42.2	42.2	0.0	23	18	5
Lvivska	0.2	0.4	0.1	0.2	0.5	0.0	4.5	4.5	0.0	10	7	3
Mykolajivska	0.5	0.8	0.1	0.5	1.2	0.1	0.8	0.8	0.0	10	10	0
Odessa	1.3	2.3	0.4	1.4	3.3	0.4	59.7	54.4	5.3	21	19	2
Poltavska	0.9	1.7	0.2	0.7	2.1	0.1	16.1	16.1	0.0	9	7	2
Rivnenska	0.4	0.7	0.2	0.5	1.1	0.1	6.5	6.5	0.0	9	7	2
Soumska	0.9	1.8	0.1	0.8	2.2	0.1	19.7	19.7	0.0	14	10	4
Kharkivska	1.2	2.2	0.4	1.2	2.8	0.3	42.8	30.4	12.3	19	17	2
Khersonska	0.4	0.7	0.2	0.4	0.8	0.1	0.8	0.8	0.0	15	14	1
Khmelnitska	2.0	3.4	0.9	1.7	4.9	0.5	14.8	14.8	0.0	22	14	8
Cherkasska	0.5	1.2	0.0	0.5	1.4	0.0	20.3	20.3	0.0	17	13	4
Chernivetska	0.5	1.1	0.0	0.6	1.9	0.0	0.0	0.0	0.0	7	5	2
Chernigivska	0.5	0.7	0.3	0.4	0.7	0.1	4.3	4.3	0.0	9	7	2
Kyiv city	0.2	0.3	0.0	0.2	0.7	0.0	0.0	0.0	0.0	5	3	2

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	97.6	2.1	0.3	98.0	2.0	86.4%	8.2%	5.5%	94.7%	5.3%
Vinnitska	100.0	0.0	0.0	100.0	0.0	12	0	0	12	0
Volynska	97.8	2.2	0.0	98.1	1.9	6	0	0	1	0
Dnipropetrovska	97.8	1.5	0.7	94.6	5.4	20	0	1	21	0
Donetska	93.4	4.7	1.9	95.3	4.7	44	4	3	42	1
Zhytomirska	97.9	2.1	0.0	100.0	0.0	12	7	0	11	2
Zakarpatska	97.7	2.3	0.0	100.0	0.0	7	0	0	5	0
Ivano-Frankivska	100.0	0.0	0.0	98.3	1.7	10	0	0	10	0
Kyivska	100.0	0.0	0.0	100.0	0.0	21	1	3	20	2
Kirovogradska				100.0	0.0				15	0
Louganska	97.5	1.6	0.8	97.3	2.7	32	3	1	24	1
Lvivska	100.0	0.0	0.0	96.7	3.3	9	0	1	6	0
Mykolajivska	96.8	3.2	0.0	97.5	2.5	14	0	0	6	0
Odessa	97.3	2.7	0.0	97.7	2.3	27	4	1	33	0
Poltavska				100.0	0.0				15	0
Rivnenska	97.2	2.8	0.0	97.9	2.1	3	0	0	5	0
Soumska	98.8	1.2	0.0	100.0	0.0	9	1	0	12	0
Kharkivska	99.3	0.7	0.0	97.8	2.2	47	0	0	37	0
Khersonska	98.7	1.3	0.0	96.5	3.5	4	0	0	5	0
Khmel'nitska	100.0	0.0	0.0	98.7	1.3	22	10	8	22	8
Cherkasska	89.9	10.1	0.0	97.5	2.5	24	1	0	7	1
Chernivetska	100.0	0.0	0.0	100.0	0.0	3	0	3	4	1
Chernigivska	100.0	0.0	0.0	98.0	2.0	12	0	0	6	0
Kyiv city	100.0	0.0	0.0	96.4	3.6	10	2	1	2	2

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	15.1	2.7	1.8	12.0	15.8	15.3	11.6	9.7	6.9	42.4	30.5	26.3
Vinnitska	1.6	1.0	0.0	11.6	4.9	16.1	0.8	1.0	0.0	29.5	19.4	39.3
Volynska	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	13.6	3.9	5.5
Dnipropetrovska	6.9	1.0	0.0	9.2	3.8	3.9	2.3	1.0	0.8	1.5	2.9	1.6
Donetska	4.1	1.9	0.9	14.2	9.3	12.8	25.9	17.3	5.1	40.1	29.6	23.1
Zhytomirska	0.0	0.0	0.0	4.3	10.1	4.0	26.1	0.0	0.0	21.7	14.5	4.0
Zakarpatska	0.0	0.0	0.0	23.8	23.8	22.7	16.7	19.0	0.0	47.6	76.2	50.0
Ivano-Frankivska	93.3	1.7	0.0	28.9	15.5	33.3	0.0	0.0	0.0	100.0	98.3	42.9
Kyivska	23.8	6.9	1.3	14.8	14.9	6.5	6.8	2.0	0.0	64.8	56.4	36.4
Kirovogradska		0.0	1.3		72.7	69.3		3.6	8.0		20.0	26.7
Louganska	0.8	0.0	5.2	5.9	4.6	2.1	3.4	4.6	3.1	21.0	12.0	18.8
Lvivska	4.3	2.3	1.6	5.8	33.0	15.6	2.9	3.4	1.6	42.0	29.5	1.6
Mykolajivska	0.0	0.0	6.7	6.6	6.3	8.3	1.6	0.0	0.0	21.3	19.0	28.3
Odessa	0.0	0.0	0.0	8.2	7.0	1.0	0.0	0.0	0.0	0.0	1.2	0.0
Poltavska		0.0	7.6		18.2	19.6		97.3	82.6		19.1	25.0
Rivnenska	0.0	0.0	0.0	17.1	31.9	25.0	2.9	0.0	0.0	65.7	40.4	22.2
Soumska	2.4	1.2	0.0	8.4	18.1	22.7	0.0	1.2	1.8	12.0	22.9	19.1
Kharkivska	64.6	4.6	3.3	18.1	11.5	11.0	0.8	1.1	2.2	100.0	100.0	96.7
Khersonska	0.0	0.0	0.0	9.4	30.5	26.6	2.7	4.9	0.0	20.0	13.4	11.4
Khmel'nitska	8.7	0.0	1.1	1.4	23.4	15.7	71.0	0.0	0.0	76.8	75.3	20.2
Cherkasska	81.0	22.7	3.4	22.8	22.7	23.0	5.1	12.0	14.9	41.8	30.7	36.8
Chernivetska	0.0	0.0	0.0	21.2	13.6	21.6	51.5	2.3	0.0	90.9	11.4	5.4
Chernigivska	8.2	12.5	0.0	19.7	4.2	4.7	50.8	2.1	1.6	98.4	8.3	9.4
Kyiv city	14.6	18.5	7.7	7.3	18.5	15.4	9.8	3.7	7.7	85.4	44.4	20.5
AR Krym			3.6			13.1			15.5			89.3
Sevastopol city			0.0			0.0			0.0			14.3

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	5.2	6.7	6.8	0.9	2.3	3.8	0.7%	0.3%	0.3%	1	0	1
Vinnitska	3.8	3.4	10.1	0.0	1.0	3.0	0	0	0	0	0	0
Volynska	8.9	5.0	4.0	0.0	2.0	4.0	1	0	0	1	0	0
Dnipropetrovska		7.3	7.6	1.0	1.0	4.8	1	1	0	0	0	0
Donetska	3.3	8.2	9.3	0.0	3.1	4.3	0	0	0	0	0	0
Zhytomirska	6.7	8.7	7.4	2.9	0.0	4.4	0	0	0	0	0	0
Zakarpatska	12.1	9.8	4.8	0.0	0.0	0.0	0	0	0	0	0	0
Ivano-Frankivska	11.1	9.5	3.7	3.7	3.7	3.7	0	0	0	0	0	0
Kyivska	8.2	8.4	14.3	3.1	5.1	8.2	0	0	0	0	0	0
Kirovogradska			5.8	0.0	3.8	5.8		0	0		0	0
Louganska	9.2	10.2	6.9	0.0	2.0	3.0	0	0	0	0	0	0
Lvivska	3.4	4.6	3.7	0.0	2.4	2.4	0	0	0	0	0	0
Mykolajivska	7.6	3.4	5.3	0.0	0.0	3.9	0	0	0	0	0	0
Odeska	3.5	3.8	4.7	0.0	1.2	1.2	0	0	0	0	0	0
Poltavska			4.8	0.0	2.9	3.8		0	0		0	0
Rivnenska		2.9	2.2	2.2	2.2	2.2	0	0	0	0	0	0
Soumska	2.2	5.2	2.7	0.0	0.0	1.4	0	0	0	0	0	0
Kharkivska	6.8	9.3	9.3	3.5	7.0	7.0	0	0	1	0	0	1
Khersonska	1.4	2.9	4.9	0.0	1.2	3.7	0	0	0	0	0	0
Khmelnitska	3.4	7.5	2.6	2.6	2.6	2.6	0	0	0	0	0	0
Cherkasska	0.0	7.1	7.9	0.0	0.0	2.6	1	0	0	0	0	0
Chernivetska	5.7	21.9	9.8	0.0	2.4	9.8	0	0	0	0	0	0
Chernigivska	6.3	3.3	12.5	2.1	6.3	0.0	0	0	0	0	0	0
Kyiv city	8.3	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
АР Крим									0			0
м.Севастополь									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	93.2	93.4	92.5	36.3	36.8	39.0	12.4	11.3	10.9	81.0	82.8	82.9
Vinnitska	88.4	95.1	100.0	55.6	58.6	64.8	3.9	3.9	5.4	79.5	90.9	85.2
Volynska	97.8	100.0	100.0	52.5	46.0	79.6	4.4	5.8	0.0	87.5	94.0	90.7
Dnipropetrovska	96.3	98.2	96.9	30.9	25.7	22.7	10.4	16.2	12.5	85.4	85.7	88.2
Donetska	91.5	91.8	89.7	41.3	38.3	37.2	15.6	18.2	19.7	84.2	82.1	79.6
Zhytomirska	95.7	91.3	96.0	50.0	55.9	56.2	14.9	15.9	5.3	87.0	82.4	90.4
Zakarpatska	81.4	76.2	81.8	58.5	66.7	72.2	18.6	19.0	4.5	80.5	76.2	77.8
Ivano-Frankivska	77.8	84.7	71.4	4.8	9.3	12.5	8.9	10.2	16.7	73.8	74.1	75.0
Kyivska	98.9	94.1	94.8	13.3	15.3	37.5	17.0	10.9	3.9	80.7	80.6	81.9
Kirovogradska		85.5	77.3		32.7	18.1		5.5	13.3		84.6	72.2
Louganska	94.3	94.6	97.9	8.3	13.9	23.6	12.3	8.1	14.6	93.5	83.2	85.4
Lvivska	98.6	98.9	98.4	64.6	53.7	60.3	10.1	3.3	9.4	90.8	89.0	92.1
Mykolajivska	93.7	93.8	91.8	79.7	52.6	65.5	17.5	14.8	14.8	83.1	86.8	78.2
Odeska	94.6	97.7	96.9	33.0	29.1	30.2	10.7	14.8	13.3	87.7	96.5	91.7
Poltavska		90.0	97.8		51.4	46.7		10.9	5.4		73.3	78.9
Rivnenska	80.6	91.7	86.1	60.0	50.0	69.4	19.4	10.4	16.7	71.4	78.3	77.8
Soumska	100.0	91.6	91.9	22.1	12.3	21.4	3.6	2.4	0.9	90.9	82.2	80.6
Kharkivska	93.3	88.8	91.6	17.1	30.2	26.9	12.6	11.2	16.8	55.0	51.2	75.3
Khersonska	98.7	95.3	96.2	41.4	37.8	40.0	5.3	8.2	10.1	95.7	92.7	91.4
Khmelnitska	100.0	100.0	92.1	52.2	53.9	70.2	10.1	7.7	4.5	85.1	81.6	77.4
Cherkasska	86.0	87.3	85.6	14.3	23.7	26.3	25.0	16.5	15.6	45.2	71.1	82.5
Chernivetska	90.9	95.5	91.9	71.9	65.9	29.7	3.0	18.2	16.2	87.5	92.7	91.9
Chernigivska	90.2	98.0	95.3	11.7	18.8	27.1	29.5	24.5	14.1	88.3	93.8	91.5
Kyiv city	100.0	96.4	89.7	61.5	42.3	69.4	4.9	3.6	2.6	79.5	96.2	75.0
АР Krym			83.7			0.0			22.1			72.3
Sevastopol city			100.0			40.0			0.0			100.0