



	♂	♀	⚭
Incidence (crude rate)	11.3	12.5	10.0
Incidence (world standard)	11.9	13.2	11.0
Incidence (Ukrainian standard)	11.7	14.5	9.5
Incidence rate of 1999 in comparison with 1998 (Ukrainian standard), %	-8.7% ↓	8.3% ~~	-19.0% ↓↓
<i>Estimated incidence rate for 2000 (Ukrainian standard)</i>	11.90	12.96	10.78
Mortality (crude rate)	5.2	5.4	5.0
Mortality (world standard)	5.5	5.8	5.5
Mortality (Ukrainian standard)	5.0	5.6	5.0
<i>Estimated mortality rate for 2000 (Ukrainian standard)</i>	5.47	6.20	4.69
Deaths during the first year of disease (diagnoses of 1999), %	32.0%	29.4%	35.4%
Patients underwent treatment during the first year of disease, %	67.8%	68.3%	67.1%
Microscopically verified diagnoses, %	85.5%	84.6%	86.8%
Probability of developing cancer at the age under 14	0.2% 1 in 567	0.2% 1 in 514	0.2% 1 in 637

Patients underwent treatment during the first year of disease, %	1998	1999	2000
Ukraine	68.3	67.8	68.2
Vinnitska	73.2	66.7	69.4
Volynska	76.9	78.3	64.0
Dnipropetrovska	79.3	75.6	68.8
Donetska	71.1	63.6	64.8
Zhytomirska	54.8	66.7	48.8
Zakarpatska	59.4	66.7	62.1
Ivano-Frankivska	42.9	56.3	63.6
Kyivska	75.0	77.5	75.6
Kirovogradska		62.1	51.7
Louganska	75.0	93.8	77.8
Lvivska	74.6	51.6	81.6
Mykolaiivska	42.1	75.8	100.0

Patients underwent treatment during the first year of disease, %	1998	1999	2000
Odessa	72.9	78.7	75.4
Poltavska		50.0	41.4
Rivnenska	74.2	64.4	75.0
Soumska	75.8	88.5	80.0
Kharkivska	62.1	41.5	90.7
Khersonska	92.3	70.4	75.0
Khmelnitska	73.3	69.0	63.0
Cherkasska	23.8	47.1	55.2
Chernivetska	84.6	47.1	33.3
Chernigivska	63.0	86.7	56.7
Kyiv city	75.0	87.5	87.5
AR Krym			53.8
Sevastopol city			88.9

Table 2 Incidence, 1999	Crude incidence rate per 100, 000			Age-standardised incidence rate (Ukrainian standard 2000)			Estimated number of cases for 2000			Microscopically verified diagnoses, %		
	♣♣♣	♣	♣	♣♣♣	♣	♣	♣♣♣	♣	♣	1998	1999	2000
Ukraine	11.3	12.5	10.0	11.7	14.5	9.5	1051	586	465	86.6	85.5	84.7
Vinnitska	11.4	13.7	9.0	11.7	16.2	8.4	50	26	24	90.2	87.2	89.8
Volynska	9.9	8.4	11.4	12.3	11.2	12.8	29	18	11	96.2	91.3	92.0
Dnipropetrovska	12.5	13.0	12.0	12.3	14.0	10.6	82	37	45	89.0	94.0	93.5
Donetska	10.7	11.9	9.5	10.1	12.3	7.8	99	59	40	88.4	87.5	80.7
Zhytomirska	10.6	11.8	9.4	11.7	14.0	9.5	45	23	22	59.5	56.7	39.0
Zakarpatska	9.2	14.7	3.5	11.7	20.1	4.5	30	14	16	68.8	88.9	93.1
Ivano-Frankivska	10.2	10.0	10.5	12.3	12.8	11.7	49	23	26	88.9	78.1	75.0
Kyivska	11.6	12.5	10.7	12.3	14.5	10.1	42	18	24	92.3	85.0	92.7
Kirovogradska	13.1	15.9	10.2	14.0	18.4	9.5	29	20	9		58.6	58.6
Louganska	10.5	12.8	8.1	10.1	13.4	7.3	38	25	13	93.8	100.0	97.2
Lvivska	11.5	10.0	13.1	12.8	12.3	14.0	53	31	22	90.6	77.8	87.8
Mykolajivska	12.9	15.3	10.4	14.0	18.4	10.6	18	12	6	92.1	93.9	94.1
Odessa	10.2	12.2	8.2	10.6	14.0	7.8	64	39	25	81.4	91.7	89.5
Poltavska	12.7	15.1	10.3	12.8	16.8	8.9	29	11	18		86.8	100.0
Rivnenska	16.6	24.6	8.3	21.2	33.5	10.1	29	12	17	93.8	75.6	89.3
Soumska	11.1	15.0	6.9	10.6	16.2	6.1	22	13	9	97.0	100.0	90.0
Kharkivska	10.9	11.5	10.3	10.1	11.7	8.9	48	21	27	73.1	74.1	88.6
Khersonska	10.9	11.1	10.8	12.3	13.4	11.2	32	21	11	88.5	74.1	78.6
Khmelnitska	10.6	11.7	9.4	11.2	14.0	8.9	47	26	21	88.9	96.7	80.9
Cherkasska	13.1	13.9	12.2	13.4	16.2	11.2	33	16	17	83.7	91.4	86.2
Chernivetska	8.6	6.0	11.3	10.1	7.8	12.3	21	12	9	96.3	88.2	81.0
Chernigivska	13.8	16.2	11.2	12.8	17.3	9.5	30	13	17	81.5	86.7	86.7
Kyiv city	9.3	7.7	10.9	8.4	7.8	9.5	48	25	23	90.0	92.5	95.8

Table 3 Mortality, 1999	Crude mortality rate per 100, 000			Age-standardised mortality rate (Ukrainian standard 2000)			Estimated number of deaths for 2000			Died during the first year among new cases of, %		
	♣♣♣	♣	♣	♣♣♣	♣	♣	♣♣♣	♣	♣	1997	1998	1999
Ukraine	5.2	5.4	5.0	5.0	5.6	5.0	483	280	203	38.3	32.8	32.0
Vinnitska	5.5	6.3	4.8	5.6	6.1	5.0	22	10	12	43.8	43.9	41.0
Volynska	6.0	5.0	7.0	5.6	5.0	6.7	17	9	8	53.3	38.5	39.1
Dnipropetrovska	4.4	4.1	4.6	4.5	3.9	4.5	38	23	15		34.1	29.3
Donetska	4.9	5.7	4.0	5.0	5.6	3.9	43	28	15	41.6	38.8	29.5
Zhytomirska	6.0	6.2	5.8	6.1	6.7	5.6	17	12	5	32.5	40.5	26.7
Zakarpatska	5.5	8.7	2.1	5.0	8.4	2.2	15	8	7	57.8	53.1	51.9
Ivano-Frankivska	5.4	6.9	3.9	5.0	6.7	3.9	20	7	13	62.9	31.4	40.6
Kyivska	4.7	6.3	3.0	4.5	6.1	2.8	14	5	9	34.5	23.1	25.0
Kirovogradska	5.9	7.1	4.6	5.6	6.7	4.5	20	13	7			37.9
Louganska	5.0	5.6	4.5	5.0	5.6	4.5	20	14	6	45.2	47.9	22.9
Lvivska	5.3	4.3	6.4	5.0	4.5	6.1	24	13	11	35.7	20.6	43.5
Mykolajivska	4.3	2.3	6.4	4.5	2.2	6.1	9	8	1	22.9	26.3	21.2
Odessa	6.0	5.0	6.9	6.1	5.0	6.7	22	11	11	29.2	27.1	36.2
Poltavska	5.0	3.9	6.2	5.0	3.9	6.1	18	9	9			21.1
Rivnenska	5.9	6.5	5.3	5.6	6.1	5.0	12	7	5		29.0	31.1
Soumska	6.4	5.8	6.9	6.1	5.6	6.7	13	7	6	20.7	39.4	23.1
Kharkivska	5.5	5.1	5.8	5.6	5.0	5.6	7	3	4	41.3	27.3	35.8
Khersonska	5.3	5.5	5.0	5.0	5.6	5.0	14	7	7	48.0	23.1	22.2
Khmelnitska	7.1	6.9	7.2	6.7	6.1	7.3	17	10	7	34.0	33.3	51.7
Cherkasska	5.6	5.9	5.3	5.6	6.1	5.0	16	8	8	12.8	26.2	38.2
Chernivetska	4.6	5.0	4.1	5.0	5.6	4.5	9	1	8	42.9	38.5	29.4
Chernigivska	5.5	8.1	2.8	5.6	8.4	2.8	12	4	8	46.2	33.3	23.3
Kyiv city	3.0	2.7	3.3	2.8	2.8	3.4	16	8	8	29.1	23.3	20.0

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	92.9	6.3	0.8	93.0	7.0	96.8	3.0	0.2	99.1	0.9
Vinnitska	100.0	0.0	0.0	97.4	2.6	89.7	10.3	0.0	100.0	0.0
Volynska	84.6	15.4	0.0	82.6	17.4	100.0	0.0	0.0	100.0	0.0
Dnipropetrovska	96.3	3.7	0.0	94.0	6.0	97.6	2.4	0.0	96.6	3.4
Donetska	88.4	10.7	0.8	87.5	12.5	100.0	0.0	0.0	100.0	0.0
Zhytomirska	97.6	2.4	0.0	90.0	10.0	100.0	0.0	0.0	94.1	5.9
Zakarpatska	96.9	3.1	0.0	96.3	3.7	89.3	10.7	0.0	100.0	0.0
Ivano-Frankivska	94.4	2.8	2.8	87.5	12.5	100.0	0.0	0.0	100.0	0.0
Kyivska	92.3	5.8	1.9	97.5	2.5	100.0	0.0	0.0	100.0	0.0
Kirovogradska				100.0	0.0				100.0	0.0
Louganska	93.8	6.3	0.0	91.7	8.3	92.3	7.7	0.0	100.0	0.0
Lvivska	92.2	7.8	0.0	92.1	7.9	84.6	15.4	0.0	96.6	3.4
Mykolajivska	97.4	2.6	0.0	93.9	6.1	93.8	6.3	0.0	100.0	0.0
Odesska	82.9	17.1	0.0	87.5	12.5	100.0	0.0	0.0	100.0	0.0
Poltavska				100.0	0.0				100.0	0.0
Rivnenska	100.0	0.0	0.0	97.8	2.2	100.0	0.0	0.0	100.0	0.0
Soumska	97.0	3.0	0.0	88.5	11.5	100.0	0.0	0.0	93.3	6.7
Kharkivska	91.0	9.0	0.0	92.6	7.4	100.0	0.0	0.0	100.0	0.0
Khersonska	88.5	11.5	0.0	88.9	11.1	100.0	0.0	0.0	100.0	0.0
Khmelnitska	95.6	2.2	2.2	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Cherkasska	90.7	0.0	9.3	82.9	17.1	100.0	0.0	0.0	100.0	0.0
Chernivetska	100.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Chernigivska	88.9	11.1	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Kyiv city	95.0	5.0	0.0	97.5	2.5	95.7	0.0	4.3	100.0	0.0

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	26.6	16.8	13.8	19.7	15.1	13.5	22.7	20.2	18.6	28.5	17.4	13.4
Vinnitska	14.7	18.4	10.2	14.6	10.5	12.2	14.6	18.4	2.0	7.3	7.9	10.2
Volynska	45.4	5.3	0.0	22.7	0.0	8.0	9.1	10.5	0.0	13.6	5.3	8.0
Dnipropetrovska	12.7	10.3	10.4	11.4	9.0	6.5	17.7	12.8	11.7	0.0	0.0	0.0
Donetska	28.9	18.2	13.7	11.2	13.0	18.2	25.2	31.2	28.4	32.7	23.4	14.8
Zhytomirska	14.6	14.8	19.5	29.3	22.2	2.4	34.1	18.5	19.5	2.4	0.0	4.9
Zakarpatska	9.7	15.4	17.2	42.0	11.5	13.8	35.5	30.8	17.2	32.3	30.8	17.2
Ivano-Frankivska	100.0	17.9	18.2	70.5	28.6	29.5	0.0	7.1	6.8	73.5	35.7	15.9
Kyivska	39.6	28.2	24.4	27.1	12.8	4.9	12.5	10.3	4.9	47.9	20.5	14.6
Kirovogradska		17.2	10.3		27.6	20.7		24.1	34.5		41.4	17.2
Louganska	8.9	2.3	13.9	8.9	0.0	5.6	33.3	13.6	27.8	2.2	0.0	5.6
Lvivska	20.3	17.2	16.3	10.2	15.5	14.3	30.5	27.6	26.5	28.8	22.4	4.1
Mykolajivska	27.0	16.1	0.0	8.1	6.5	0.0	32.4	19.4	11.8	29.7	9.7	0.0
Odesska	13.8	16.7	8.8	13.7	2.4	5.3	10.3	0.0	3.5	3.4	0.0	0.0
Poltavska		13.2	13.8		18.4	6.9		50.0	27.6		7.9	13.8
Rivnenska	21.9	29.5	21.4	6.2	25.0	10.7	15.6	22.7	17.9	43.8	22.7	28.6
Soumska	25.0	13.0	10.0	3.1	4.3	25.0	28.1	21.7	10.0	28.1	17.4	20.0
Kharkivska	36.1	34.0	15.9	27.9	28.0	2.3	11.5	24.0	11.4	39.3	36.0	20.5
Khersonska	17.3	16.7	7.1	17.4	33.3	21.4	30.4	25.0	21.4	4.3	0.0	7.1
Khmelnitska	11.6	13.3	12.8	9.3	20.0	34.0	32.6	6.7	29.8	37.2	43.3	17.0
Cherkasska	64.1	17.2	14.3	59.0	31.0	35.7	10.3	13.8	42.9	20.5	27.6	14.3
Chernivetska	22.2	17.6	23.8	14.8	23.5	23.8	33.3	29.4	42.9	37.0	0.0	23.8
Chernigivska	12.5	3.3	13.3	20.8	13.3	16.7	25.0	30.0	16.7	58.3	16.7	3.3
Kyiv city	29.8	20.5	14.9	17.5	7.7	6.4	36.8	12.8	21.3	71.9	33.3	6.4
AR Krym			18.4			13.2			28.9			68.4
Sevastopol city			0.0			0.0			0.0			44.4