

## ESTONIA (1990-2012)

	Number of cases							Percentage				Incidence rates per million person-years								MV % 0-19	DCO % 0-19	
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR	0-19			0-14
<b>I LEUKAEMIA</b>	10	105	58	56	58	229	287	28.0	100.0	23.2	100.0	29.2	72.9	30.0	26.8	26.1	42.4	38.7	607	737	99.7	0.3
a. Lymphoid	4	89	44	38	27	175	202	21.4	76.4	16.3	70.4	11.7	61.8	22.7	18.2	12.1	32.8	28.2	466	526	100.0	0.0
b. Acute myeloid	5	5	9	16	21	35	56	4.3	15.3	4.5	19.5	14.6	3.5	4.7	7.7	9.4	5.9	6.7	90	137	100.0	0.0
c. CMD	0	2	1	1	7	4	11	0.5	1.7	0.9	3.8	-	1.4	0.5	0.5	3.1	0.7	1.3	11	26	100.0	0.0
d. MDS & other	1	4	2	0	0	7	7	0.9	3.1	0.6	2.4	2.9	2.8	1.0	-	-	1.4	1.1	19	19	100.0	0.0
e. Unspecified	0	5	2	1	3	8	11	1.0	3.5	0.9	3.8	-	3.5	1.0	0.5	1.3	1.6	1.5	22	28	90.9	9.1
<b>II LYMPHOMA &amp; RELATED</b>	5	13	34	54	118	106	224	12.9	100.0	18.1	100.0	14.6	9.0	17.6	25.8	53.0	17.1	25.2	268	533	98.7	0.0
a. Hodgkin	0	3	10	24	90	37	127	4.5	34.9	10.3	56.7	-	2.1	5.2	11.5	40.4	5.7	13.5	92	294	100.0	0.0
b. Non-Hodgkin except BL	2	6	13	19	22	40	62	4.9	37.7	5.0	27.7	5.8	4.2	6.7	9.1	9.9	6.5	7.3	102	151	100.0	0.0
c. Burkitt (BL)	0	1	9	5	2	15	17	1.8	14.2	1.4	7.6	-	0.7	4.7	2.4	0.9	2.4	2.1	38	43	100.0	0.0
d. Lymphoreticular	3	3	2	3	1	11	12	1.3	10.4	1.0	5.4	8.8	2.1	1.0	1.4	0.4	2.1	1.7	29	31	100.0	0.0
e. Unspecified	0	0	0	3	3	3	6	0.4	2.8	0.5	2.7	-	-	-	1.4	1.3	0.4	0.6	7	14	50.0	0.0
<b>III CNS NEOPLASMS †</b>	12	67	68	80	75	227	302	27.7	100.0	24.4	100.0	35.1	46.5	35.1	38.3	33.7	39.6	38.3	589	757	85.4	0.3
a. Ependymoma	6	14	7	3	2	30	32	3.7	13.2	2.6	10.6	17.5	9.7	3.6	1.4	0.9	5.9	4.8	81	86	100.0	0.0
b. Astrocytoma	2	25	31	40	28	98	126	12.0	43.2	10.2	41.7	5.8	17.4	16.0	19.1	12.6	16.6	15.7	252	314	100.0	0.0
c. CNS embryonal	2	20	17	8	9	47	56	5.7	20.7	4.5	18.5	5.8	13.9	8.8	3.8	4.0	8.7	7.7	125	145	100.0	0.0
d. Other gliomas	1	1	3	4	2	9	11	1.1	4.0	0.9	3.6	2.9	0.7	1.6	1.9	0.9	1.5	1.4	23	27	100.0	0.0
e. Other specified	0	3	1	14	17	18	35	2.2	7.9	2.8	11.6	-	2.1	0.5	6.7	7.6	2.8	3.9	45	83	88.6	0.0
f. Unspecified CNS	1	4	9	11	17	25	42	3.1	11.0	3.4	13.9	2.9	2.8	4.7	5.3	7.6	4.1	4.9	64	102	4.8	2.4
<b>IV NEUROBLASTOMA</b>	16	22	4	9	4	51	55	6.2	100.0	4.4	100.0	46.8	15.3	2.1	4.3	1.8	10.2	8.3	139	148	98.2	0.0
a. (Ganglio)neuroblastoma	16	22	4	8	2	50	52	6.1	98.0	4.2	94.5	46.8	15.3	2.1	3.8	0.9	10.0	8.0	136	141	98.1	0.0
b. Peripheral nervous	0	0	0	1	2	1	3	0.1	2.0	0.2	5.5	-	-	-	0.5	0.9	0.1	0.3	2	7	100.0	0.0
<b>V RETINOBLASTOMA</b>	5	10	0	0	0	15	15	1.8	100.0	1.2	100.0	14.6	6.9	-	-	-	3.3	2.5	42	42	100.0	0.0
<b>VI RENAL TUMOURS</b>	9	26	16	2	4	53	57	6.5	100.0	4.6	100.0	26.3	18.1	8.3	1.0	1.8	10.5	8.6	144	153	94.7	0.0
a. Nephroblastoma	9	25	15	2	1	51	52	6.2	96.2	4.2	91.2	26.3	17.4	7.8	1.0	0.4	10.2	8.0	139	141	98.1	0.0
b. Renal carcinoma	0	0	0	0	3	0	3	-	-	0.2	5.3	-	-	-	-	1.3	-	0.3	-	7	100.0	0.0
c. Unspecified	0	1	1	0	0	2	2	0.2	3.8	0.2	3.5	-	0.7	0.5	-	-	0.4	0.3	5	5	0.0	0.0
<b>VII HEPATIC TUMOURS</b>	4	4	2	2	2	12	14	1.5	100.0	1.1	100.0	11.7	2.8	1.0	1.0	0.9	2.3	2.0	32	37	100.0	0.0
a. Hepatoblastoma	4	4	2	1	1	11	12	1.3	91.7	1.0	85.7	11.7	2.8	1.0	0.5	0.4	2.2	1.8	30	32	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	8.3	0.2	14.3	-	-	-	0.5	0.4	0.1	0.2	2	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	1	2	12	18	39	33	72	4.0	100.0	5.8	100.0	2.9	1.4	6.2	8.6	17.5	5.2	7.9	82	170	94.4	1.4
a. Osteosarcoma	0	0	8	3	20	11	31	1.3	33.3	2.5	43.1	-	-	4.1	1.4	9.0	1.8	3.4	28	73	100.0	0.0
b. Chondrosarcoma	0	0	0	1	7	1	8	0.1	3.0	0.6	11.1	-	-	-	0.5	3.1	0.1	0.8	2	18	100.0	0.0
c. Ewing & related	0	2	4	11	8	17	25	2.1	51.5	2.0	34.7	-	1.4	2.1	5.3	3.6	2.6	2.8	42	60	100.0	0.0
d. Other specified	1	0	0	0	2	1	3	0.1	3.0	0.2	4.2	2.9	-	-	-	0.9	0.2	0.4	3	7	100.0	0.0
e. Unspecified	0	0	0	3	2	3	5	0.4	9.1	0.4	6.9	-	-	-	1.4	0.9	0.4	0.5	7	12	20.0	20.0
<b>IX SOFT TISSUE SARCOMA</b>	2	13	8	11	21	34	55	4.2	100.0	4.4	100.0	5.8	9.0	4.1	5.3	9.4	6.1	6.9	89	136	100.0	0.0
a. Rhabdomyosarcoma	2	8	5	2	1	17	18	2.1	50.0	1.5	32.7	5.8	5.6	2.6	1.0	0.4	3.3	2.6	46	48	100.0	0.0
b. Fibrosarcoma	0	3	0	2	9	5	14	0.6	14.7	1.1	25.5	-	2.1	-	1.0	4.0	0.9	1.6	13	33	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	2	2	7	11	11	22	1.3	32.4	1.8	40.0	-	1.4	1.0	3.3	4.9	1.7	2.5	28	52	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.1	2.9	0.1	1.8	-	-	0.5	-	-	0.2	0.1	3	3	100.0	0.0
<b>X GERM CELL TUMOURS</b>	7	7	6	14	39	34	73	4.2	100.0	5.9	100.0	20.5	4.9	3.1	6.7	17.5	6.0	8.6	88	176	98.6	0.0
a. CNS germ cell	0	0	3	1	3	4	7	0.5	11.8	0.6	9.6	-	-	1.6	0.5	1.3	0.6	0.8	10	17	100.0	0.0
b. Other extragonadal	7	4	2	3	3	16	19	2.0	47.1	1.5	26.0	20.5	2.8	1.0	1.4	1.3	3.1	2.7	43	50	100.0	0.0
c. Gonadal germ cell	0	3	1	8	29	12	41	1.5	35.3	3.3	56.2	-	2.1	0.5	3.8	13.0	1.9	4.4	30	95	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	2	1	3	0.1	2.9	0.2	4.1	-	-	-	0.5	0.9	0.1	0.3	2	7	100.0	0.0
e. Unspecified gonadal	0	0	0	1	2	1	3	0.1	2.9	0.2	4.1	-	-	-	0.5	0.9	0.1	0.3	2	7	66.7	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	1	18	57	20	77	2.4	100.0	6.2	100.0	-	0.7	0.5	8.6	25.6	2.9	8.0	48	176	98.7	0.0
a. Adrenocortical	0	1	0	0	1	1	2	0.1	5.0	0.2	2.6	-	0.7	-	-	0.4	0.2	0.3	3	5	100.0	0.0
b. Thyroid	0	0	1	6	15	7	22	0.9	35.0	1.8	28.6	-	-	0.5	2.9	6.7	1.0	2.3	17	51	100.0	0.0
c. Nasopharyngeal	0	0	0	1	3	1	4	0.1	5.0	0.3	5.2	-	-	-	0.5	1.3	0.1	0.4	2	9	100.0	0.0
d. Melanoma	0	0	0	6	17	6	23	0.7	30.0	1.9	29.9	-	-	-	2.9	7.6	0.8	2.4	14	53	100.0	0.0
e. Skin carcinoma	0	0	0	2	6	2	8	0.2	10.0	0.6	10.4	-	-	-	1.0	2.7	0.3	0.8	5	18	87.5	0.0
f. Other & unspecified	0	0	0	3	15	3	18	0.4	15.0	1.5	23.4	-	-	-	1.4	6.7	0.4	1.8	7	41	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	3	2	0	3	5	8	0.6	100.0	0.6	100.0	-	2.1	1.0	-	1.3	1.0	1.1	14	20	50.0	37.5
a. Other specified	0	1	1	0	1	2	3	0.2	40.0	0.2	37.5	-	0.7	0.5	-	0.4	0.4	0.4	5	8	100.0	0.0
b. Other unspecified	0	2	1	0	2	3	5	0.4	60.0	0.4	62.5	-	1.4	0.5	-	0.9	0.6	0.7	8	13	20.0	60.0
<b>TOTAL</b>	71	273	211	264	420	819	1239	100.0	100.0	100.0	100.0	207.5	189.7	109.0	126.3	188.7	146.6	156.1	2142	3086	95.0	0.5

† includes 105 non-malignant

Please consult the quality indicators for this registry

## ESTONIA (1990-2012)

	Males								M/F ratio		Females									
	Number of cases in age groups										Number of cases in age groups									
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million 0-14	0-19	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million 0-14	0-19
<b>I LEUKAEMIA</b>	6	47	28	30	33	111	144	39.7	37.2	0.9	1.0	4	58	30	26	25	118	143	45.4	40.4
a. Lymphoid	2	39	17	20	16	78	94	28.3	25.1	0.8	0.9	2	50	27	18	11	97	108	37.6	31.4
b. Acute myeloid	3	3	7	9	11	22	33	7.3	7.8	1.7	1.4	2	2	2	7	10	13	23	4.5	5.5
c. CMD	0	1	1	1	4	3	7	1.0	1.6	3.0	1.8	0	1	0	0	3	1	4	0.4	1.0
d. MDS & other	1	1	2	0	0	4	4	1.5	1.2	1.3	1.3	0	3	0	0	0	3	3	1.3	1.0
e. Unspecified	0	3	1	0	2	4	6	1.6	1.6	1.0	1.2	0	2	1	1	1	4	5	1.5	1.4
<b>II LYMPHOMA &amp; RELATED</b>	4	11	22	30	64	67	131	21.6	29.4	1.7	1.4	1	2	12	24	54	39	93	12.3	20.7
a. Hodgkin	0	3	8	13	46	24	70	7.4	14.8	1.8	1.2	0	0	2	11	44	13	57	3.8	12.1
b. Non-Hodgkin except BL	2	5	6	11	14	24	38	7.9	8.9	1.5	1.6	0	1	7	8	8	16	24	5.1	5.6
c. Burkitt (BL)	0	1	7	5	1	13	14	4.1	3.3	6.5	4.7	0	0	2	0	1	2	3	0.7	0.7
d. Lymphoreticular	2	2	1	0	1	5	6	2.0	1.8	0.8	1.0	1	1	1	3	0	6	6	2.1	1.6
e. Unspecified	0	0	0	1	2	1	3	0.3	0.6	0.5	1.0	0	0	0	2	1	2	3	0.6	0.6
<b>III CNS NEOPLASMS †</b>	10	38	37	46	40	131	171	44.8	42.6	1.4	1.3	2	29	31	34	35	96	131	34.1	33.7
a. Ependymoma	6	6	5	3	1	20	21	7.5	6.0	2.0	1.9	0	8	2	0	1	10	11	4.3	3.5
b. Astrocytoma	1	17	14	19	13	51	64	17.3	16.0	1.1	1.0	1	8	17	21	15	47	62	15.8	15.4
c. CNS embryonal	2	11	13	6	6	32	38	11.4	10.0	2.1	2.1	0	9	4	2	3	15	18	6.0	5.2
d. Other gliomas	1	0	2	4	2	7	9	2.2	2.1	3.5	4.5	0	1	1	0	0	2	2	0.8	0.6
e. Other specified	0	1	0	7	10	8	18	2.3	3.8	0.8	1.1	0	2	1	7	7	10	17	3.2	4.0
f. Unspecified CNS	0	3	3	7	8	13	21	4.1	4.8	1.1	1.0	1	1	6	4	9	12	21	4.1	5.0
<b>IV NEUROBLASTOMA</b>	8	14	2	4	3	28	31	11.0	9.1	1.2	1.3	8	8	2	5	1	23	24	9.3	7.4
a. (Ganglioneuroblastoma	8	14	2	4	2	28	30	11.0	9.0	1.3	1.4	8	8	2	4	0	22	22	9.0	7.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.2	0.0	0.5	0	0	0	1	1	1	2	0.3	0.4
<b>V RETINOBLASTOMA</b>	3	4	0	0	0	7	7	3.0	2.3	0.9	0.9	2	6	0	0	0	8	8	3.6	2.8
<b>VI RENAL TUMOURS</b>	2	14	8	1	1	25	26	9.6	7.7	0.9	0.8	7	12	8	1	3	28	31	11.5	9.5
a. Nephroblastoma	2	13	8	1	1	24	25	9.2	7.3	0.9	0.9	7	12	7	1	0	27	27	11.2	8.7
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	0.6
c. Unspecified	0	1	0	0	0	1	1	0.4	0.3	1.0	1.0	0	0	1	0	0	1	1	0.3	0.3
<b>VII HEPATIC TUMOURS</b>	2	2	0	1	1	5	6	2.0	1.7	0.7	0.8	2	2	2	1	1	7	8	2.8	2.3
a. Hepatoblastoma	2	2	0	1	1	5	6	2.0	1.7	0.8	1.0	2	2	2	0	0	6	6	2.5	1.9
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.3	0.4
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
<b>VIII BONE TUMOURS</b>	1	0	4	10	24	15	39	4.4	8.2	0.8	1.2	0	2	8	8	15	18	33	5.9	7.7
a. Osteosarcoma	0	0	3	0	12	3	15	1.0	3.1	0.4	0.9	0	0	5	3	8	8	16	2.6	3.6
b. Chondrosarcoma	0	0	0	0	4	0	4	-	0.8	0.0	1.0	0	0	0	1	3	1	4	0.3	0.8
c. Ewing & related	0	0	1	7	6	8	14	2.2	2.9	0.9	1.3	0	2	3	4	2	9	11	3.1	2.8
d. Other specified	1	0	0	0	0	1	1	0.4	0.3	-	0.5	0	0	0	0	2	0	2	-	0.4
e. Unspecified	0	0	0	3	2	3	5	0.8	1.0	-	-	0	0	0	0	0	0	0	-	-
<b>IX SOFT TISSUE SARCOMA</b>	0	8	6	6	13	20	33	7.0	8.0	1.4	1.5	2	5	2	5	8	14	22	5.2	5.7
a. Rhabdomyosarcoma	0	7	4	1	0	12	12	4.5	3.5	2.4	2.0	2	1	1	1	1	5	6	2.0	1.7
b. Fibrosarcoma	0	1	0	0	5	1	6	0.4	1.3	0.3	0.8	0	2	0	2	4	4	8	1.5	2.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
d. Other specified	0	0	2	5	8	7	15	2.0	3.1	1.8	2.1	0	2	0	2	3	4	7	1.5	1.8
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.3	0.3
<b>X GERM CELL TUMOURS</b>	3	4	3	5	25	15	40	5.3	9.0	0.8	1.2	4	3	3	9	14	19	33	6.7	8.1
a. CNS germ cell	0	0	2	1	2	3	5	0.9	1.1	3.0	2.5	0	0	1	0	1	1	2	0.3	0.5
b. Other extragonadal	3	2	1	3	2	9	11	3.3	2.9	1.3	1.4	4	2	1	0	1	7	8	3.0	2.6
c. Gonadal germ cell	0	2	0	1	21	3	24	1.1	5.0	0.3	1.4	0	1	1	7	8	9	17	2.8	3.8
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.3	0.6
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.3	0.6
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	1	7	24	8	32	2.2	6.4	0.7	0.7	0	1	0	11	33	12	45	3.6	9.6
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.4	0.6
b. Thyroid	0	0	1	3	4	4	8	1.1	1.7	1.3	0.6	0	0	0	3	11	3	14	0.9	2.9
c. Nasopharyngeal	0	0	0	1	2	1	3	0.3	0.6	-	3.0	0	0	0	0	1	0	1	-	0.2
d. Melanoma	0	0	0	2	8	2	10	0.5	2.0	0.5	0.8	0	0	0	4	9	4	13	1.1	2.8
e. Skin carcinoma	0	0	0	1	2	1	3	0.3	0.6	1.0	0.6	0	0	0	1	4	1	5	0.3	1.1
f. Other & unspecified	0	0	0	0	8	0	8	-	1.6	0.0	0.8	0	0	0	3	7	3	10	0.9	2.1
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	2	0	2	4	6	1.5	1.6	4.0	3.0	0	1	0	0	1	1	2	0.4	0.6
a. Other specified	0	1	1	0	1	2	3	0.7	0.8	-	-	0	0	0	0	0	0	0	-	-
b. Other unspecified	0	1	1	0	1	2	3	0.7	0.8	2.0	1.5	0	1	0	0	1	1	2	0.4	0.6
<b>TOTAL</b>	39	144	113	140	230	436	666	152.1	163.2	1.1	1.2	32	129	98	124	190	383	573	140.8	148.6

† includes 60 non-malignant in males and 45 non-malignant in females

Please consult the quality indicators for this registry

# ESTONIA

## (1990-2012)

	Age group	Males	Females
Person-years	0	175 964	166 131
	1-4	739 138	700 274
	5-9	991 578	943 728
	10-14	1 071 716	1 017 942
	15-19	1 142 511	1 083 673
Total	0-14	2 978 396	2 828 075
	0-19	4 120 907	3 911 748
Average annual population	0-14	129 495	122 960
	0-19	179 170	170 076

Please consult the quality indicators for this registry