

CZECH REPUBLIC (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	0-19			0-14	0-19
I LEUKAEMIA	98	812	450	391	393	1751	2144	27.8	100.0	22.2	100.0	40.3	82.0	35.0	27.0	23.6	47.7	42.3	679	797	93.1	0.9
a. Lymphoid	56	692	342	258	206	1348	1554	21.4	77.0	16.1	72.5	23.0	69.9	26.6	17.8	12.4	37.2	31.6	525	587	93.6	0.6
b. Acute myeloid	28	81	67	90	111	266	377	4.2	15.2	3.9	17.6	11.5	8.2	5.2	6.2	6.7	6.9	6.9	101	135	91.2	2.1
c. CMD	2	4	14	23	32	43	75	0.7	2.5	0.8	3.5	0.8	0.4	1.1	1.6	1.9	1.0	1.2	16	25	93.3	0.0
d. MDS & other	6	14	14	10	20	44	64	0.7	2.5	0.7	3.0	2.5	1.4	1.1	0.7	1.2	1.2	1.2	17	23	100.0	0.0
e. Unspecified	6	21	13	10	24	50	74	0.8	2.9	0.8	3.5	2.5	2.1	1.0	0.7	1.4	1.4	1.4	19	27	85.1	2.7
II LYMPHOMA & RELATED	24	156	258	405	896	843	1739	13.4	100.0	18.0	100.0	9.9	15.8	20.1	28.0	53.8	20.2	27.8	313	582	97.2	1.0
a. Hodgkin	1	36	88	219	647	344	991	5.5	40.8	10.3	57.0	0.4	3.6	6.8	15.1	38.8	7.8	14.7	125	319	99.0	0.5
b. Non-Hodgkin except BL	2	57	99	130	188	288	476	4.6	34.2	4.9	27.4	0.8	5.8	7.7	9.0	11.3	6.9	7.9	107	164	94.3	1.9
c. Burkitt (BL)	0	26	41	35	18	102	120	1.6	12.1	1.2	6.9	-	2.6	3.2	2.4	1.1	2.5	2.2	39	44	96.7	1.7
d. Lymphoreticular	21	29	12	11	13	73	86	1.2	8.7	0.9	4.9	8.6	2.9	0.9	0.8	0.8	2.1	1.8	29	33	97.7	1.2
e. Unspecified	0	8	18	10	30	36	66	0.6	4.3	0.7	3.8	-	0.8	1.4	0.7	1.8	0.9	1.1	14	23	92.4	0.0
III CNS NEOPLASMS †	80	390	435	418	351	1323	1674	21.0	100.0	17.4	100.0	32.9	39.4	33.8	28.9	21.1	34.0	31.1	504	609	84.3	3.0
a. Ependymoma	22	62	40	41	36	165	201	2.6	12.5	2.1	12.0	9.1	6.3	3.1	2.8	2.2	4.5	3.9	64	75	96.5	0.0
b. Astrocytoma	22	162	185	188	162	557	719	8.8	42.1	7.5	43.0	9.1	16.4	14.4	13.0	9.7	14.2	13.2	211	260	97.2	0.1
c. CNS embryonal	12	67	95	71	29	245	274	3.9	18.5	2.8	16.4	4.9	6.8	7.4	4.9	1.7	6.3	5.3	93	102	98.2	0.0
d. Other gliomas	3	8	10	22	28	43	71	0.7	3.3	0.7	4.2	1.2	0.8	0.8	1.5	1.7	1.0	1.2	16	24	98.6	0.0
e. Other specified	4	14	33	35	31	86	117	1.4	6.5	1.2	7.0	1.6	1.4	2.6	2.4	1.9	2.1	2.0	32	42	96.6	0.0
f. Unspecified CNS	17	77	72	61	65	227	292	3.6	17.2	3.0	17.4	7.0	7.8	5.6	4.2	3.9	6.0	5.5	87	107	22.6	17.1
IV NEUROBLASTOMA	189	209	59	26	21	483	504	7.7	100.0	5.2	100.0	77.8	21.1	4.6	1.8	1.3	14.5	11.5	193	200	98.0	0.2
a. (Ganglio)neuroblastoma	188	207	55	17	13	467	480	7.4	96.7	5.0	95.2	77.4	20.9	4.3	1.2	0.8	14.1	11.1	187	191	97.9	0.2
b. Peripheral nervous	1	2	4	9	8	16	24	0.3	3.3	0.2	4.8	0.4	0.2	0.3	0.6	0.5	0.4	0.4	6	8	100.0	0.0
V RETINOBLASTOMA	48	86	3	2	0	139	139	2.2	100.0	1.4	100.0	19.8	8.7	0.2	0.1	-	4.3	3.3	56	56	99.3	0.7
VI RENAL TUMOURS	44	217	78	16	27	355	382	5.6	100.0	4.0	100.0	18.1	21.9	6.1	1.1	1.6	10.5	8.5	142	150	95.5	0.8
a. Nephroblastoma	40	207	66	11	10	324	334	5.1	91.3	3.5	87.4	16.5	20.9	5.1	0.8	0.6	9.6	7.6	130	133	98.2	0.0
b. Renal carcinoma	0	3	6	4	17	13	30	0.2	3.7	0.3	7.9	-	0.3	0.5	0.3	1.0	0.3	0.5	5	10	96.7	0.0
c. Unspecified	4	7	6	1	0	18	18	0.3	5.1	0.2	4.7	1.6	0.7	0.5	0.1	-	0.5	0.4	7	7	44.4	16.7
VII HEPATIC TUMOURS	34	38	8	14	14	94	108	1.5	100.0	1.1	100.0	14.0	3.8	0.6	1.0	0.8	2.7	2.3	37	41	84.3	2.8
a. Hepatoblastoma	27	29	6	2	0	64	64	1.0	68.1	0.7	59.3	11.1	2.9	0.5	0.1	-	1.9	1.5	26	26	95.3	1.6
b. Hepatic carcinoma	2	4	1	12	10	19	29	0.3	20.2	0.3	26.9	0.8	0.4	0.1	0.8	0.6	0.5	0.5	7	10	96.6	0.0
c. Unspecified	5	5	1	0	4	11	15	0.2	11.7	0.2	13.9	2.1	0.5	0.1	-	0.2	0.3	0.3	4	6	13.3	13.3
VIII BONE TUMOURS	3	21	77	182	219	283	502	4.5	100.0	5.2	100.0	1.2	2.1	6.0	12.6	13.1	6.3	7.9	103	168	93.8	2.4
a. Osteosarcoma	0	3	33	83	82	119	201	1.9	42.0	2.1	40.0	-	0.3	2.6	5.7	4.9	2.6	3.1	43	67	99.0	0.0
b. Chondrosarcoma	0	0	1	10	16	11	27	0.2	3.9	0.3	5.4	-	-	0.1	0.7	1.0	0.2	0.4	4	9	96.3	0.0
c. Ewing & related	2	16	38	71	89	127	216	2.0	44.9	2.2	43.0	0.8	1.6	3.0	4.9	5.3	2.9	3.5	47	73	99.1	0.0
d. Other specified	0	0	2	7	10	9	19	0.1	3.2	0.2	3.8	-	-	0.2	0.5	0.6	0.2	0.3	3	6	100.0	0.0
e. Unspecified	1	2	3	11	22	17	39	0.3	6.0	0.4	7.8	0.4	0.2	0.2	0.8	1.3	0.4	0.6	6	13	33.3	30.8
IX SOFT TISSUE SARCOMA	59	100	94	130	165	383	548	6.1	100.0	5.7	100.0	24.3	10.1	7.3	9.0	9.9	10.0	9.9	146	195	99.3	0.0
a. Rhabdomyosarcoma	22	71	54	44	30	191	221	3.0	49.9	2.3	40.3	9.1	7.2	4.2	3.0	1.8	5.2	4.4	74	83	99.1	0.0
b. Fibrosarcoma	15	4	7	12	14	38	52	0.6	9.9	0.5	9.5	6.2	0.4	0.5	0.8	0.8	1.0	1.0	15	19	100.0	0.0
c. Kaposi sarcoma	0	1	0	1	0	2	2	0.0	0.5	0.0	0.4	-	0.1	-	0.1	-	0.1	0.0	1	1	100.0	0.0
d. Other specified	10	14	23	55	94	102	196	1.6	26.6	2.0	35.8	4.1	1.4	1.8	3.8	5.6	2.4	3.2	38	66	100.0	0.0
e. Unspecified	12	10	10	18	27	50	77	0.8	13.1	0.8	14.1	4.9	1.0	0.8	1.2	1.6	1.3	1.4	19	27	97.4	0.0
X GERM CELL TUMOURS	29	42	31	92	495	194	689	3.1	100.0	7.1	100.0	11.9	4.2	2.4	6.4	29.7	4.9	10.4	73	221	96.7	0.3
a. CNS germ cell ‡	4	8	5	24	16	41	57	0.7	21.1	0.6	8.3	1.6	0.8	0.4	1.7	1.0	1.0	1.0	15	20	96.5	0.0
b. Other extragonadal	17	19	5	3	18	44	62	0.7	22.7	0.6	9.0	7.0	1.9	0.4	0.2	1.1	1.3	1.3	18	23	96.8	0.0
c. Gonadal germ cell	6	13	16	53	395	88	483	1.4	45.4	5.0	70.1	2.5	1.3	1.2	3.7	23.7	2.1	6.9	32	151	98.3	0.0
d. Gonadal carcinoma	0	0	1	8	48	9	57	0.1	4.6	0.6	8.3	-	-	0.1	0.6	2.9	0.2	0.8	3	18	100.0	0.0
e. Unspecified gonadal	2	2	4	4	18	12	30	0.2	6.2	0.3	4.4	0.8	0.2	0.3	0.3	1.1	0.3	0.5	5	10	63.3	6.7
XI CARCINOMA & MELANOMA	5	22	76	244	711	347	1058	5.5	100.0	11.0	100.0	2.1	2.2	5.9	16.9	42.7	7.6	15.5	125	338	99.1	0.0
a. Adrenocortical	2	5	0	2	6	9	15	0.1	2.6	0.2	1.4	0.8	0.5	-	0.1	0.4	0.3	0.3	4	5	100.0	0.0
b. Thyroid	0	2	20	101	244	123	367	2.0	35.4	3.8	34.7	-	0.2	1.6	7.0	14.6	2.6	5.3	43	117	99.5	0.0
c. Nasopharyngeal	0	0	1	4	18	5	23	0.1	1.4	0.2	2.2	-	-	0.1	0.3	1.1	0.1	0.3	2	7	95.7	0.0
d. Melanoma	3	8	19	52	182	82	264	1.3	23.6	2.7	25.0	1.2	0.8	1.5	3.6	10.9	1.9	3.9	30	84	98.9	0.0
e. Skin carcinoma	0	2	16	34	79	52	131	0.8	15.0	1.4	12.4	-	0.2	1.2	2.3	4.7	1.1	2.0	19	42	99.2	0.0
f. Other & unspecified	0	5	20	51	182	76	258	1.2	21.9	2.7	24.4	-	0.5	1.6	3.5	10.9	1.7	3.8	27	82	99.2	0.0
XII OTHER & UNSPECIFIED	25	35	22	24	49	106	155	1.7	100.0	1.6	100.0	10.3	3.5	1.7	1.7	2.9	2.9	2.9	41	56	40.6	18.1
a. Other specified	1	8	3	3	10	15	25	0.2	14.2	0.3	16.1	0.4	0.8	0.2	0.2	0.6	0.4	0.5	6	9	100.0	0.0
b. Other unspecified	24	27	19	21	39	91	130	1.4	85.8	1.3	83.9	9.9	2.7	1.5	1.5	2.3	2.5	2.5	35	47	29.2	21.5
TOTAL	638	2128	1591	1944	3341	6301	9642	100.0	100.0	100.0	100.0	262.6	215.0	123.7	134.3	200.5	165.7	173.5	2412	3414	93.1	1.4

† includes 418 non-malignant ‡ includes 3 non-malignant

Please consult the quality indicators for this registry

CZECH REPUBLIC (1990-2012)

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19		
I LEUKAEMIA	53	456	251	234	249	994	1243	52.6	47.3	1.3	1.4	45	356	199	157	144	757	901	42.6	37.0				
a. Lymphoid	28	393	190	162	144	773	917	41.4	35.9	1.3	1.4	28	299	152	96	62	575	637	32.9	27.2				
b. Acute myeloid	16	39	38	44	57	137	194	6.9	6.9	1.1	1.1	12	42	29	46	54	129	183	6.9	6.8				
c. CMD	1	3	9	16	20	29	49	1.3	1.5	2.1	1.9	1	1	5	7	12	14	26	0.7	0.9				
d. MDS & other	5	8	5	6	12	24	36	1.3	1.3	1.2	1.3	1	6	9	4	8	20	28	1.1	1.1				
e. Unspecified	3	13	9	6	16	31	47	1.7	1.7	1.6	1.7	3	8	4	4	8	19	27	1.1	1.1				
II LYMPHOMA & RELATED	15	119	193	266	477	593	1070	28.0	34.3	2.4	1.6	9	37	65	139	419	250	669	12.0	20.9				
a. Hodgkin	0	33	63	128	309	224	533	10.1	16.0	1.9	1.2	1	3	25	91	338	120	458	5.3	13.4				
b. Non-Hodgkin except BL	1	41	71	95	126	208	334	9.8	10.9	2.6	2.4	1	16	28	35	62	80	142	4.0	4.8				
c. Burkitt (BL)	0	24	35	28	13	87	100	4.3	3.7	5.8	5.0	0	2	6	7	5	15	20	0.7	0.7				
d. Lymphoreticular	14	17	9	8	10	48	58	2.6	2.3	1.9	2.1	7	12	3	3	3	25	28	1.5	1.2				
e. Unspecified	0	4	15	7	19	26	45	1.3	1.5	2.6	2.1	0	4	3	3	11	10	21	0.5	0.7				
III CNS NEOPLASMS †	43	220	247	238	209	748	957	37.5	34.6	1.3	1.3	37	170	188	180	142	575	717	30.4	27.5				
a. Ependymoma	11	31	25	19	17	86	103	4.5	4.0	1.1	1.1	11	31	15	22	19	79	98	4.4	3.9				
b. Astrocytoma	9	90	101	96	96	296	392	14.8	14.0	1.1	1.2	13	72	84	92	66	261	327	13.6	12.4				
c. CNS embryonal	7	41	60	47	21	155	176	7.7	6.5	1.7	1.8	5	26	35	24	8	90	98	4.8	3.9				
d. Other gliomas	3	6	3	16	15	28	43	1.3	1.4	1.9	1.5	0	2	7	6	13	15	28	0.7	0.9				
e. Other specified	2	8	19	24	20	53	73	2.5	2.4	1.6	1.7	2	6	14	11	11	33	44	1.7	1.6				
f. Unspecified CNS	11	44	39	36	40	130	170	6.7	6.2	1.3	1.4	6	33	33	25	25	97	122	5.2	4.8				
IV NEUROBLASTOMA	100	118	31	11	12	260	272	15.3	12.2	1.2	1.2	89	91	28	15	9	223	232	13.7	10.8				
a. (Ganglio)neuroblastoma	100	117	30	7	6	254	260	15.0	11.8	1.2	1.2	88	90	25	10	7	213	220	13.2	10.4				
b. Peripheral nervous	0	1	1	4	6	6	12	0.3	0.4	0.6	1.0	1	1	3	5	2	10	12	0.5	0.4				
V RETINOBLASTOMA	19	51	1	1	0	72	72	4.4	3.4	1.1	1.1	29	35	2	1	0	67	67	4.3	3.3				
VI RENAL TUMOURS	27	99	22	5	14	153	167	9.0	7.3	0.8	0.8	17	118	56	11	13	202	215	12.0	9.7				
a. Nephroblastoma	25	93	18	3	5	139	144	8.2	6.5	0.8	0.8	15	114	48	8	5	185	190	11.1	8.8				
b. Renal carcinoma	0	1	1	2	9	4	13	0.2	0.4	0.4	0.8	0	2	5	2	8	9	17	0.5	0.6				
c. Unspecified	2	5	3	0	0	10	10	0.6	0.4	1.3	1.3	2	2	3	1	0	8	8	0.5	0.4				
VII HEPATIC TUMOURS	22	24	3	10	6	59	65	3.4	2.8	1.7	1.5	12	14	5	4	8	35	43	2.1	1.8				
a. Hepatoblastoma	20	19	3	1	0	43	43	2.6	2.0	2.0	2.0	7	10	3	1	0	21	21	1.3	1.0				
b. Hepatic carcinoma	0	3	0	9	4	12	16	0.5	0.5	1.7	1.2	2	1	1	3	6	7	13	0.4	0.5				
c. Unspecified	2	2	0	0	2	4	6	0.2	0.2	0.6	0.7	3	3	1	0	2	7	9	0.4	0.4				
VIII BONE TUMOURS	1	14	45	100	140	160	300	7.0	9.1	1.3	1.5	2	7	32	82	79	123	202	5.6	6.5				
a. Osteosarcoma	0	3	19	43	57	65	122	2.8	3.7	1.2	1.5	0	0	14	40	25	54	79	2.4	2.5				
b. Chondrosarcoma	0	0	1	4	9	5	14	0.2	0.4	0.8	1.1	0	0	0	6	7	6	13	0.2	0.4				
c. Ewing & related	1	10	22	42	50	75	125	3.4	3.9	1.4	1.4	1	6	16	29	39	52	91	2.5	3.0				
d. Other specified	0	0	0	5	5	5	10	0.2	0.3	1.3	1.1	0	0	2	2	5	4	9	0.2	0.3				
e. Unspecified	0	1	3	6	19	10	29	0.4	0.8	1.4	2.9	1	1	0	5	3	7	10	0.3	0.3				
IX SOFT TISSUE SARCOMA	36	62	46	70	82	214	296	11.0	10.7	1.3	1.2	23	38	48	60	83	169	252	8.9	9.2				
a. Rhabdomyosarcoma	18	46	28	24	15	116	131	6.2	5.2	1.5	1.5	4	25	26	20	15	75	90	4.0	3.5				
b. Fibrosarcoma	7	2	2	6	7	17	24	0.9	0.9	0.8	0.9	8	2	5	6	7	21	28	1.1	1.1				
c. Kaposi sarcoma	0	0	0	1	0	1	1	0.0	0.0	1.0	1.0	0	1	0	0	0	1	1	0.1	0.0				
d. Other specified	6	7	14	30	43	57	100	2.7	3.2	1.3	1.0	4	7	9	25	51	45	96	2.2	3.1				
e. Unspecified	5	7	2	9	17	23	40	1.2	1.4	0.9	1.1	7	3	8	9	10	27	37	1.4	1.4				
X GERM CELL TUMOURS	15	25	6	35	375	81	456	4.1	13.1	0.7	2.0	14	17	25	57	120	113	233	5.6	7.7				
a. CNS germ cell ‡	3	6	1	16	14	26	40	1.2	1.3	1.7	2.4	1	2	4	8	2	15	17	0.7	0.6				
b. Other extragonadal	5	8	1	1	9	15	24	0.9	0.9	0.5	0.6	12	11	4	2	9	29	38	1.8	1.6				
c. Gonadal germ cell	6	10	1	16	342	33	375	1.7	10.3	0.6	3.5	0	3	15	37	53	55	108	2.5	3.4				
d. Gonadal carcinoma	0	0	1	1	6	2	8	0.1	0.2	0.3	0.2	0	0	0	7	42	7	49	0.3	1.4				
e. Unspecified gonadal	1	1	2	1	4	5	9	0.3	0.3	0.7	0.4	1	1	2	3	14	7	21	0.4	0.7				
XI CARCINOMA & MELANOMA	1	11	38	88	219	138	357	6.0	10.5	0.7	0.5	4	11	38	156	492	209	701	9.3	20.8				
a. Adrenocortical	0	2	0	0	2	2	4	0.1	0.1	0.3	0.4	2	3	0	2	4	7	11	0.4	0.4				
b. Thyroid	0	1	6	31	47	38	85	1.6	2.5	0.4	0.3	0	1	14	70	197	85	282	3.7	8.3				
c. Nasopharyngeal	0	0	1	2	10	3	13	0.1	0.4	1.5	1.3	0	0	0	2	8	2	10	0.1	0.3				
d. Melanoma	1	6	12	25	61	44	105	2.0	3.2	1.2	0.7	2	2	7	27	121	38	159	1.7	4.7				
e. Skin carcinoma	0	0	7	11	33	18	51	0.8	1.5	0.5	0.6	0	2	9	23	46	34	80	1.5	2.5				
f. Other & unspecified	0	2	12	19	66	33	99	1.5	2.9	0.8	0.6	0	3	8	32	116	43	159	1.9	4.7				
XII OTHER & UNSPECIFIED	12	14	9	12	30	47	77	2.5	2.7	0.8	1.0	13	21	13	12	19	59	78	3.4	3.1				
a. Other specified	1	3	1	1	5	6	11	0.3	0.4	0.7	0.8	0	5	2	2	5	9	14	0.5	0.5				
b. Other unspecified	11	11	8	11	25	41	66	2.2	2.3	0.8	1.0	13	16	11	10	14	50	64	2.8	2.6				
TOTAL	344	1213	892	1070	1813	3519	5332	180.8	187.9	1.3	1.2	294	915	699	874	1528	2782	4310	149.9	158.4				

† includes 228 non-malignant in males and 190 non-malignant in females ‡ includes 3 non-malignant in males

Please consult the quality indicators for this registry

CZECH REPUBLIC (1990-2012)

	Age group	Males	Females
Person-years	0	1 246 921	1 182 733
	1-4	5 079 372	4 820 185
	5-9	6 597 686	6 265 667
	10-14	7 417 709	7 058 093
	15-19	8 527 180	8 138 092
Total	0-14	20 341 688	19 326 678
	0-19	28 868 868	27 464 770
Average annual population	0-14	884 421	840 290
	0-19	1 255 168	1 194 120

Please consult the quality indicators for this registry