

SWITZERLAND, Geneva (1993-2013)

	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	3	31	12	14	11	60	71	26.9	100.0	20.6	100.0	34.1	77.0	24.4	29.1	22.4	43.2	38.5	614	726	100.0	0.0
a. Lymphoid	1	27	11	12	5	51	56	22.9	85.0	16.2	78.9	11.4	67.1	22.4	24.9	10.2	36.6	30.6	522	573	100.0	0.0
b. Acute myeloid	2	2	1	2	4	7	11	3.1	11.7	3.2	15.5	22.7	5.0	2.0	4.2	8.1	5.0	5.7	72	112	100.0	0.0
c. CMD	0	0	0	0	2	0	2	-	-	0.6	2.8	-	-	-	-	4.1	-	0.9	-	20	100.0	0.0
d. MDS & other	0	2	0	0	0	2	2	0.9	3.3	0.6	2.8	-	5.0	-	-	-	1.6	1.2	20	20	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II LYMPHOMA & RELATED	2	9	6	15	38	32	70	14.3	100.0	20.3	100.0	22.7	22.4	12.2	31.2	77.3	21.7	34.2	329	716	100.0	0.0
a. Hodgkin	0	2	0	7	30	9	39	4.0	28.1	11.3	55.7	-	5.0	-	14.6	61.0	5.8	18.2	93	398	100.0	0.0
b. Non-Hodgkin except BL	1	4	1	5	6	11	17	4.9	34.4	4.9	24.3	11.4	9.9	2.0	10.4	12.2	7.6	8.7	113	174	100.0	0.0
c. Burkitt (BL)	0	2	5	3	1	10	11	4.5	31.3	3.2	15.7	-	5.0	10.2	6.2	2.0	6.7	5.6	102	113	100.0	0.0
d. Lymphoreticular	1	1	0	0	1	2	3	0.9	6.3	0.9	4.3	11.4	2.5	-	-	2.0	1.6	1.7	20	31	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	3	15	19	14	8	51	59	22.9	100.0	17.1	100.0	34.1	37.3	38.6	29.1	16.3	35.1	30.9	522	604	76.3	0.0
a. Ependymoma	1	1	2	1	1	5	6	2.2	9.8	1.7	10.2	11.4	2.5	4.1	2.1	2.0	3.5	3.2	51	61	33.3	0.0
b. Astrocytoma	0	10	6	3	3	19	22	8.5	37.3	6.4	37.3	-	24.8	12.2	6.2	6.1	13.6	11.9	194	225	90.9	0.0
c. CNS embryonal	0	3	4	3	1	10	11	4.5	19.6	3.2	18.6	-	7.5	8.1	6.2	2.0	6.8	5.7	102	113	100.0	0.0
d. Other gliomas	1	0	4	0	1	5	6	2.2	9.8	1.7	10.2	11.4	-	8.1	-	2.0	3.4	3.1	51	61	0.0	0.0
e. Other specified	0	1	3	6	1	10	11	4.5	19.6	3.2	18.6	-	2.5	6.1	12.5	2.0	6.4	5.4	103	113	100.0	0.0
f. Unspecified CNS	1	0	0	1	1	2	3	0.9	3.9	0.9	5.1	11.4	-	-	2.1	2.0	1.4	1.5	21	31	33.3	0.0
IV NEUROBLASTOMA	6	8	3	0	1	17	18	7.6	100.0	5.2	100.0	68.2	19.9	6.1	-	2.0	13.0	10.5	173	183	100.0	0.0
a. (Ganglio)neuroblastoma	6	8	3	0	1	17	18	7.6	100.0	5.2	100.0	68.2	19.9	6.1	-	2.0	13.0	10.5	173	183	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	3	4	0	0	0	7	7	3.1	100.0	2.0	100.0	34.1	9.9	-	-	-	5.5	4.3	71	71	42.9	0.0
VI RENAL TUMOURS	0	1	5	3	0	9	9	4.0	100.0	2.6	100.0	-	2.5	10.2	6.2	-	5.9	4.6	92	92	100.0	0.0
a. Nephroblastoma	0	1	5	1	0	7	7	3.1	77.8	2.0	77.8	-	2.5	10.2	2.1	-	4.7	3.6	71	71	100.0	0.0
b. Renal carcinoma	0	0	0	2	0	2	2	0.9	22.2	0.6	22.2	-	-	-	4.2	-	1.2	0.9	21	21	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	0	0	0	0	3	0	3	-	-	0.9	100.0	-	-	-	-	6.1	-	1.4	-	31	100.0	0.0
a. Hepatoblastoma	0	0	0	0	1	0	1	-	-	0.3	33.3	-	-	-	-	2.0	-	0.5	-	10	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.6	66.7	-	-	-	-	4.1	-	0.9	-	20	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	0	6	8	8	14	22	6.3	100.0	6.4	100.0	-	-	12.2	16.6	16.3	8.8	10.5	144	226	100.0	0.0
a. Osteosarcoma	0	0	2	4	4	6	10	2.7	42.9	2.9	45.5	-	-	4.1	8.3	8.1	3.7	4.7	62	103	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.3	4.5	-	-	-	-	2.0	-	0.5	-	10	100.0	0.0
c. Ewing & related	0	0	4	4	3	8	11	3.6	57.1	3.2	50.0	-	-	8.1	8.3	6.1	5.0	5.3	82	113	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	1	3	4	5	7	13	20	5.8	100.0	5.8	100.0	11.4	7.5	8.1	10.4	14.2	8.8	10.0	133	205	100.0	0.0
a. Rhabdomyosarcoma	0	2	4	3	0	9	9	4.0	69.2	2.6	45.0	-	5.0	8.1	6.2	-	6.0	4.7	92	92	100.0	0.0
b. Fibrosarcoma	1	0	0	1	3	2	5	0.9	15.4	1.4	25.0	11.4	-	-	2.1	6.1	1.4	2.5	21	51	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	1	0	1	2	2	4	0.9	15.4	1.2	20.0	-	2.5	-	2.1	4.1	1.4	2.0	21	41	100.0	0.0
e. Unspecified	0	0	0	0	2	0	2	-	-	0.6	10.0	-	-	-	-	4.1	-	0.9	-	20	100.0	0.0
X GERM CELL TUMOURS	0	0	0	4	15	4	19	1.8	100.0	5.5	100.0	-	-	-	8.3	30.5	2.4	8.7	42	194	100.0	0.0
a. CNS germ cell	0	0	0	2	0	2	2	0.9	50.0	0.6	10.5	-	-	-	4.2	-	1.2	0.9	21	21	100.0	0.0
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Gonadal germ cell	0	0	0	2	15	2	17	0.9	50.0	4.9	89.5	-	-	-	4.2	30.5	1.2	7.8	21	173	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	0	4	11	30	15	45	6.7	100.0	13.0	100.0	-	-	8.1	22.9	61.0	9.3	20.9	155	460	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	1	4	1	5	0.4	6.7	1.4	11.1	-	-	-	2.1	8.1	0.6	2.3	10	51	100.0	0.0
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.6	4.4	-	-	-	-	4.1	-	0.9	-	20	100.0	0.0
d. Melanoma	0	0	1	7	16	8	24	3.6	53.3	7.0	53.3	-	-	2.0	14.6	32.6	4.9	11.1	83	246	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	3	3	8	6	14	2.7	40.0	4.1	31.1	-	-	6.1	6.2	16.3	3.8	6.6	62	143	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	1	1	1	2	0.4	100.0	0.6	100.0	-	-	-	2.1	2.0	0.6	0.9	10	21	100.0	0.0
a. Other specified	0	0	0	1	1	1	2	0.4	100.0	0.6	100.0	-	-	-	2.1	2.0	0.6	0.9	10	21	100.0	0.0
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	18	71	59	75	122	223	345	100.0	100.0	100.0	100.0	204.7	176.4	120.0	155.9	248.2	154.2	175.4	2287	3528	94.8	0.0

† includes 35 non-malignant

Please consult the quality indicators for this registry

SWITZERLAND, Geneva (1993-2013)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	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	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19
I LEUKAEMIA	2	17	3	8	5	30	35	42.6	37.5	1.0	1.0	1	14	9	6	6	30	36	43.7	39.5		
a. Lymphoid	1	14	2	6	4	23	27	32.8	29.0	0.8	0.9	0	13	9	6	1	28	29	40.5	32.3		
b. Acute myeloid	1	2	1	2	1	6	7	8.3	7.3	6.0	1.8	1	0	0	0	3	1	4	1.6	4.0		
c. CMD	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.9		
d. MDS & other	0	1	0	0	0	1	1	1.5	1.2	1.0	1.0	0	1	0	0	0	1	1	1.6	1.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	2	8	6	9	14	25	39	33.7	38.8	3.6	1.3	0	1	0	6	24	7	31	9.0	29.4		
a. Hodgkin	0	2	0	4	11	6	17	7.8	15.9	2.0	0.8	0	0	0	3	19	3	22	3.7	20.6		
b. Non-Hodgkin except BL	1	3	1	3	2	8	10	11.0	10.3	2.7	1.4	0	1	0	2	4	3	7	4.1	6.9		
c. Burkitt (BL)	0	2	5	2	1	9	10	11.9	10.1	9.0	10.0	0	0	0	1	0	1	1	1.2	1.0		
d. Lymphoreticular	1	1	0	0	0	2	2	3.1	2.4	-	2.0	0	0	0	0	1	0	1	-	0.9		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	0	4	10	10	5	24	29	30.8	28.4	0.9	1.0	3	11	9	4	3	27	30	39.6	33.5		
a. Ependymoma	0	0	2	1	1	3	4	3.7	3.8	1.5	2.0	1	1	0	0	0	2	2	3.2	2.5		
b. Astrocytoma	0	2	2	2	1	6	7	8.0	7.1	0.5	0.5	0	8	4	1	2	13	15	19.5	17.0		
c. CNS embryonal	0	2	3	3	1	8	9	10.5	9.0	4.0	4.5	0	1	1	0	0	2	2	3.0	2.3		
d. Other gliomas	0	0	1	0	1	1	2	1.3	1.9	0.3	0.5	1	0	3	0	0	4	4	5.6	4.4		
e. Other specified	0	0	2	4	1	6	7	7.3	6.5	1.5	1.8	0	1	1	2	0	4	4	5.4	4.2		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	1	1	2	3	2.9	3.1		
IV NEUROBLASTOMA	3	2	1	0	1	6	7	9.0	7.9	0.5	0.6	3	6	2	0	0	11	11	17.2	13.3		
a. (Ganglio)neuroblastoma	3	2	1	0	1	6	7	9.0	7.9	0.5	0.6	3	6	2	0	0	11	11	17.2	13.3		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	3	0	0	0	5	5	7.7	6.0	2.5	2.5	1	1	0	0	0	2	2	3.2	2.5		
VI RENAL TUMOURS	0	0	4	2	0	6	6	7.5	5.8	2.0	2.0	0	1	1	1	0	3	3	4.2	3.3		
a. Nephroblastoma	0	0	4	1	0	5	5	6.3	4.9	2.5	2.5	0	1	1	0	0	2	2	3.0	2.3		
b. Renal carcinoma	0	0	0	1	0	1	1	1.2	0.9	1.0	1.0	0	0	0	1	0	1	1	1.2	1.0		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	0	0	0	2	0	2	-	1.8	-	2.0	0	0	0	0	1	0	1	-	0.9		
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.9		
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	1.8	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	1	3	3	4	7	4.8	6.4	0.4	0.5	0	0	5	5	5	10	15	12.9	14.6		
a. Osteosarcoma	0	0	1	3	1	4	5	4.8	4.6	2.0	1.0	0	0	1	1	3	2	5	2.6	4.8		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.9	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	0	1	0	1	-	0.9	0.0	0.1	0	0	4	4	2	8	10	10.3	9.9		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	2	3	3	5	9	14	12.0	13.8	2.3	2.3	0	1	1	2	2	4	6	5.4	6.1		
a. Rhabdomyosarcoma	0	2	3	1	0	6	6	8.1	6.3	2.0	2.0	0	0	1	2	0	3	3	3.8	3.0		
b. Fibrosarcoma	1	0	0	1	2	2	4	2.7	3.9	-	4.0	0	0	0	0	1	0	1	-	0.9		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	1	1	1	2	1.2	1.8	1.0	1.0	0	1	0	0	1	1	2	1.6	2.2		
e. Unspecified	0	0	0	0	2	0	2	-	1.8	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	0	0	0	2	12	2	14	2.4	12.6	1.0	2.8	0	0	0	2	3	2	5	2.5	4.7		
a. CNS germ cell	0	0	0	2	0	2	2	2.4	1.8	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	0	0	0	0	12	0	12	-	10.8	0.0	2.4	0	0	0	2	3	2	5	2.5	4.7		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	0	2	17	2	19	2.4	17.1	0.2	0.7	0	0	4	9	13	13	26	16.5	24.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	1.2	4.7		
c. Nasopharyngeal	0	0	0	0	2	0	2	-	1.8	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	2	9	2	11	2.4	9.9	0.3	0.8	0	0	1	5	7	6	13	7.5	12.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	0	6	0	6	-	5.4	0.0	0.8	0	0	3	3	2	6	8	7.7	7.9		
XII OTHER & UNSPECIFIED	0	0	0	1	1	1	2	1.2	1.8	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	1	1	1	2	1.2	1.8	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	10	36	28	40	65	114	179	154.1	178.0	1.0	1.1	8	35	31	35	57	109	166	154.4	172.7		

† includes 14 non-malignant in males and 21 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	45 159	42 758
	1-4	205 580	196 846
	5-9	250 954	240 698
	10-14	246 623	234 394
	15-19	249 886	241 588
Total	0-14	748 316	714 696
	0-19	998 202	956 284
Average annual population	0-14	35 634	34 033
	0-19	47 533	45 537

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