

SWITZERLAND, Paediatric (1990-2013)

	Number of cases					Percentage		Incidence rates per million person-years					MV	DCO	
	Age group					0-14		Age-specific					Cumulative	%	%
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14	0-14			
I LEUKAEMIA	63	701	404	296	1464	32.7	100.0	33.5	92.3	41.8	29.8	53.4	761	99.5	0.1
a. Lymphoid	25	605	327	208	1165	26.0	79.6	13.3	79.7	33.8	20.9	42.7	607	99.8	0.1
b. Acute myeloid	26	76	52	57	211	4.7	14.4	13.8	10.0	5.4	5.7	7.6	109	97.6	0.0
c. CMD	0	2	5	11	18	0.4	1.2	-	0.3	0.5	1.1	0.6	9	100.0	0.0
d. MDS & other	7	15	16	18	56	1.2	3.8	3.7	2.0	1.7	1.8	2.0	29	100.0	0.0
e. Unspecified	5	3	4	2	14	0.3	1.0	2.7	0.4	0.4	0.2	0.5	7	100.0	0.0
II LYMPHOMA & RELATED	14	93	158	285	550	12.3	100.0	7.5	12.3	16.3	28.7	18.0	282	98.9	0.2
a. Hodgkin	0	11	37	157	205	4.6	37.3	-	1.4	3.8	15.8	6.3	104	99.5	0.0
b. Non-Hodgkin except BL	5	30	63	81	179	4.0	32.5	2.7	4.0	6.5	8.2	5.9	92	99.4	0.6
c. Burkitt (BL)	1	29	49	39	118	2.6	21.5	0.5	3.8	5.1	3.9	4.0	61	99.2	0.0
d. Lymphoreticular	8	22	8	8	46	1.0	8.4	4.3	2.9	0.8	0.8	1.7	24	93.5	0.0
e. Unspecified	0	1	1	0	2	0.0	0.4	-	0.1	0.1	-	0.1	1	100.0	0.0
III CNS NEOPLASMS †	61	279	368	276	984	22.0	100.0	32.5	36.8	38.1	27.8	34.2	509	86.3	0.1
a. Ependymoma	22	44	21	11	98	2.2	10.0	11.7	5.8	2.2	1.1	3.7	51	100.0	0.0
b. Astrocytoma	7	113	146	123	389	8.7	39.5	3.7	14.9	15.1	12.4	13.4	201	91.5	0.0
c. CNS embryonal	22	67	97	34	220	4.9	22.4	11.7	8.8	10.0	3.4	7.9	114	97.7	0.5
d. Other gliomas	1	27	53	24	105	2.3	10.7	0.5	3.6	5.5	2.4	3.6	54	27.6	0.0
e. Other specified	5	25	48	75	153	3.4	15.5	2.7	3.3	5.0	7.6	5.0	78	94.8	0.0
f. Unspecified CNS	4	3	3	9	19	0.4	1.9	2.1	0.4	0.3	0.9	0.6	10	31.6	0.0
IV NEUROBLASTOMA	134	128	17	14	293	6.5	100.0	71.3	16.9	1.8	1.4	11.7	154	90.8	1.0
a. (Ganglio)neuroblastoma	134	128	17	13	292	6.5	99.7	71.3	16.9	1.8	1.3	11.7	154	90.8	1.0
b. Peripheral nervous	0	0	0	1	1	0.0	0.3	-	-	-	0.1	0.0	1	100.0	0.0
V RETINOBLASTOMA	59	57	7	1	124	2.8	100.0	31.4	7.5	0.7	0.1	5.0	65	29.8	0.0
VI RENAL TUMOURS	28	134	59	11	232	5.2	100.0	14.9	17.7	6.1	1.1	8.9	122	97.0	0.0
a. Nephroblastoma	28	134	57	7	226	5.0	97.4	14.9	17.7	5.9	0.7	8.7	119	96.9	0.0
b. Renal carcinoma	0	0	2	4	6	0.1	2.6	-	-	0.2	0.4	0.2	3	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	17	19	7	11	54	1.2	100.0	9.1	2.5	0.7	1.1	2.0	28	96.3	1.9
a. Hepatoblastoma	15	19	6	5	45	1.0	83.3	8.0	2.5	0.6	0.5	1.7	24	97.8	0.0
b. Hepatic carcinoma	1	0	1	6	8	0.2	14.8	0.5	-	0.1	0.6	0.2	4	100.0	0.0
c. Unspecified	1	0	0	0	1	0.0	1.9	0.5	-	-	-	0.0	1	0.0	100.0
VIII BONE TUMOURS	0	12	65	127	204	4.6	100.0	-	1.6	6.7	12.8	6.4	104	100.0	0.0
a. Osteosarcoma	0	5	33	66	104	2.3	51.0	-	0.7	3.4	6.6	3.2	53	100.0	0.0
b. Chondrosarcoma	0	0	0	3	3	0.1	1.5	-	-	-	0.3	0.1	2	100.0	0.0
c. Ewing & related	0	7	31	56	94	2.1	46.1	-	0.9	3.2	5.6	3.0	48	100.0	0.0
d. Other specified	0	0	1	1	2	0.0	1.0	-	-	0.1	0.1	0.1	1	100.0	0.0
e. Unspecified	0	0	0	1	1	0.0	0.5	-	-	-	0.1	0.0	1	100.0	0.0
IX SOFT TISSUE SARCOMA	34	89	71	109	303	6.8	100.0	18.1	11.7	7.3	11.0	10.6	157	99.7	0.0
a. Rhabdomyosarcoma	18	67	42	42	169	3.8	55.8	9.6	8.8	4.3	4.2	6.1	88	100.0	0.0
b. Fibrosarcoma	4	4	2	10	20	0.4	6.6	2.1	0.5	0.2	1.0	0.7	10	100.0	0.0
c. Kaposi sarcoma	0	1	0	1	2	0.0	0.7	-	0.1	-	0.1	0.1	1	100.0	0.0
d. Other specified	4	11	26	46	87	1.9	28.7	2.1	1.4	2.7	4.6	2.8	45	100.0	0.0
e. Unspecified	8	6	1	10	25	0.6	8.3	4.3	0.8	0.1	1.0	0.9	13	96.0	0.0
X GERM CELL TUMOURS	25	31	18	59	133	3.0	100.0	13.3	4.1	1.9	5.9	4.6	69	97.0	0.0
a. CNS germ cell ‡	1	2	11	19	33	0.7	24.8	0.5	0.3	1.1	1.9	1.0	17	87.9	0.0
b. Other extragonadal	19	12	0	3	34	0.8	25.6	10.1	1.6	-	0.3	1.4	18	100.0	0.0
c. Gonadal germ cell	4	17	7	36	64	1.4	48.1	2.1	2.2	0.7	3.6	2.1	33	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	0.0	0.8	-	-	-	0.1	0.0	1	100.0	0.0
e. Unspecified gonadal	1	0	0	0	1	0.0	0.8	0.5	-	-	-	0.0	1	100.0	0.0
XI CARCINOMA & MELANOMA	3	6	24	95	128	2.9	100.0	1.6	0.8	2.5	9.6	3.9	65	94.5	0.8
a. Adrenocortical	1	1	1	3	6	0.1	4.7	0.5	0.1	0.1	0.3	0.2	3	100.0	0.0
b. Thyroid	0	0	4	25	29	0.6	22.7	-	-	0.4	2.5	0.9	15	100.0	0.0
c. Nasopharyngeal	0	0	0	1	1	0.0	0.8	-	-	-	0.1	0.0	1	100.0	0.0
d. Melanoma	2	3	11	32	48	1.1	37.5	1.1	0.4	1.1	3.2	1.5	24	91.7	0.0
e. Skin carcinoma	0	2	3	9	14	0.3	10.9	-	0.3	0.3	0.9	0.4	7	100.0	0.0
f. Other & unspecified	0	0	5	25	30	0.7	23.4	-	-	0.5	2.5	0.9	15	90.0	3.3
XII OTHER & UNSPECIFIED	2	3	1	6	12	0.3	100.0	1.1	0.4	0.1	0.6	0.4	6	58.3	0.0
a. Other specified	1	3	0	1	5	0.1	41.7	0.5	0.4	-	0.1	0.2	3	100.0	0.0
b. Other unspecified	1	0	1	5	7	0.2	58.3	0.5	-	0.1	0.5	0.2	4	28.6	0.0
TOTAL	440	1552	1199	1290	4481	100.0	100.0	234.3	204.4	124.1	129.9	159.2	2321	93.6	0.2

† includes 404 non-malignant ‡ includes 6 non-malignant

Please consult the quality indicators for this registry

SWITZERLAND, Paediatric (1990-2013)

	Males						M/F ratio	Females					
	Number of cases in age groups					ASR per million 0-14		Number of cases in age groups					ASR per million 0-14
	0	1-4	5-9	10-14	0-14			0	1-4	5-9	10-14	0-14	
I LEUKAEMIA	27	419	247	177	870	61.6	1.5	36	282	157	119	594	44.7
a. Lymphoid	10	354	201	124	689	49.1	1.4	15	251	126	84	476	36.1
b. Acute myeloid	12	48	30	39	129	8.9	1.6	14	28	22	18	82	6.1
c. CMD	0	2	4	4	10	0.6	1.3	0	0	1	7	8	0.5
d. MDS & other	5	13	10	9	37	2.6	1.9	2	2	6	9	19	1.3
e. Unspecified	0	2	2	1	5	0.3	0.6	5	1	2	1	9	0.7
II LYMPHOMA & RELATED	10	64	122	154	350	22.6	1.8	4	29	36	131	200	13.1
a. Hodgkin	0	7	29	70	106	6.4	1.1	0	4	8	87	99	6.1
b. Non-Hodgkin except BL	3	24	44	52	123	8.0	2.2	2	6	19	29	56	3.7
c. Burkitt (BL)	1	24	45	27	97	6.5	4.6	0	5	4	12	21	1.4
d. Lymphoreticular	6	9	3	5	23	1.7	1.0	2	13	5	3	23	1.8
e. Unspecified	0	0	1	0	1	0.1	1.0	0	1	0	0	1	0.1
III CNS NEOPLASMS †	29	148	209	148	534	36.1	1.2	32	131	159	128	450	32.3
a. Ependymoma	10	25	11	10	56	4.1	1.3	12	19	10	1	42	3.4
b. Astrocytoma	3	55	78	62	198	13.2	1.0	4	58	68	61	191	13.5
c. CNS embryonal	10	43	65	22	140	9.7	1.8	12	24	32	12	80	5.9
d. Other gliomas	0	12	28	13	53	3.5	1.0	1	15	25	11	52	3.7
e. Other specified	3	11	25	36	75	4.8	1.0	2	14	23	39	78	5.3
f. Unspecified CNS	3	2	2	5	12	0.8	1.7	1	1	1	4	7	0.5
IV NEUROBLASTOMA	64	66	10	6	146	11.3	1.0	70	62	7	8	147	12.1
a. (Ganglio)neuroblastoma	64	66	10	5	145	11.3	1.0	70	62	7	8	147	12.1
b. Peripheral nervous	0	0	0	1	1	0.1	-	0	0	0	0	0	-
V RETINOBLASTOMA	25	28	4	0	57	4.5	0.9	34	29	3	1	67	5.6
VI RENAL TUMOURS	12	59	28	7	106	7.9	0.8	16	75	31	4	126	10.0
a. Nephroblastoma	12	59	27	5	103	7.7	0.8	16	75	30	2	123	9.8
b. Renal carcinoma	0	0	1	2	3	0.2	1.0	0	0	1	2	3	0.2
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	9	15	4	8	36	2.6	2.0	8	4	3	3	18	1.4
a. Hepatoblastoma	9	15	4	4	32	2.4	2.5	6	4	2	1	13	1.0
b. Hepatic carcinoma	0	0	0	4	4	0.2	1.0	1	0	1	2	4	0.3
c. Unspecified	0	0	0	0	0	-	0.0	1	0	0	0	1	0.1
VIII BONE TUMOURS	0	8	34	56	98	6.0	0.9	0	4	31	71	106	6.7
a. Osteosarcoma	0	2	17	28	47	2.9	0.8	0	3	16	38	57	3.6
b. Chondrosarcoma	0	0	0	1	1	0.1	0.5	0	0	0	2	2	0.1
c. Ewing & related	0	6	16	26	48	3.0	1.0	0	1	15	30	46	2.9
d. Other specified	0	0	1	1	2	0.1	-	0	0	0	0	0	-
e. Unspecified	0	0	0	0	0	-	0.0	0	0	0	1	1	0.1
IX SOFT TISSUE SARCOMA	21	54	41	57	173	11.9	1.3	13	35	30	52	130	9.2
a. Rhabdomyosarcoma	13	42	26	24	105	7.4	1.6	5	25	16	18	64	4.7
b. Fibrosarcoma	3	2	2	9	16	1.0	4.0	1	2	0	1	4	0.3
c. Kaposi sarcoma	0	0	0	0	0	-	0.0	0	1	0	1	2	0.1
d. Other specified	1	7	13	20	41	2.6	0.9	3	4	13	26	46	3.0
e. Unspecified	4	3	0	4	11	0.8	0.8	4	3	1	6	14	1.0
X GERM CELL TUMOURS	12	22	11	25	70	4.8	1.1	13	9	7	34	63	4.4
a. CNS germ cell ‡	1	2	10	11	24	1.5	2.7	0	0	1	8	9	0.5
b. Other extragonadal	6	5	0	2	13	1.0	0.6	13	7	0	1	21	1.7
c. Gonadal germ cell	4	15	1	12	32	2.3	1.0	0	2	6	24	32	2.0
d. Gonadal carcinoma	0	0	0	0	0	-	0.0	0	0	0	1	1	0.1
e. Unspecified gonadal	1	0	0	0	1	0.1	-	0	0	0	0	0	-
XI CARCINOMA & MELANOMA	2	3	6	42	53	3.2	0.7	1	3	18	53	75	4.8
a. Adrenocortical	1	1	0	0	2	0.2	0.5	0	0	1	3	4	0.2
b. Thyroid	0	0	1	10	11	0.6	0.6	0	0	3	15	18	1.1
c. Nasopharyngeal	0	0	0	0	0	-	0.0	0	0	0	1	1	0.1
d. Melanoma	1	1	4	18	24	1.4	1.0	1	2	7	14	24	1.6
e. Skin carcinoma	0	1	1	3	5	0.3	0.6	0	1	2	6	9	0.6
f. Other & unspecified	0	0	0	11	11	0.6	0.6	0	0	5	14	19	1.2
XII OTHER & UNSPECIFIED	1	2	0	3	6	0.4	1.0	1	1	1	3	6	0.4
a. Other specified	0	2	0	1	3	0.2	1.5	1	1	0	0	2	0.2
b. Other unspecified	1	0	0	2	3	0.2	0.8	0	0	1	3	4	0.2
TOTAL	212	888	716	683	2499	172.9	1.3	228	664	483	607	1982	144.6

† includes 201 non-malignant in males and 203 non-malignant in females ‡ includes 5 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	964 658	913 554
	1-4	3 899 160	3 692 213
	5-9	4 964 121	4 699 848
	10-14	5 102 561	4 830 782
Total	0-14	14 930 500	14 136 397
Average annual population	0-14	622 104	589 017

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