

SWITZERLAND, Zurich (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	15	105	67	42	37	229	266	33.3	100.0	25.4	100.0	53.0	95.0	50.2	31.5	27.1	58.8	51.7	841	976	99.6	0.4	
a. Lymphoid	5	77	49	25	15	156	171	22.7	68.1	16.3	64.3	17.7	69.7	36.7	18.7	11.0	40.2	33.6	573	628	99.4	0.6	
b. Acute myeloid	5	14	6	10	11	35	46	5.1	15.3	4.4	17.3	17.7	12.7	4.5	7.5	8.1	8.9	8.7	128	169	100.0	0.0	
c. CMD	0	0	3	3	8	6	14	0.9	2.6	1.3	5.3	-	-	2.2	2.2	5.9	1.4	2.4	22	52	100.0	0.0	
d. MDS & other	3	2	2	2	3	9	12	1.3	3.9	1.1	4.5	10.6	1.8	1.5	1.5	2.2	2.3	2.3	33	44	100.0	0.0	
e. Unspecified	2	12	7	2	0	23	23	3.3	10.0	2.2	8.6	7.1	10.9	5.2	1.5	-	6.0	4.7	84	84	100.0	0.0	
II LYMPHOMA & RELATED	2	11	27	38	100	78	178	11.3	100.0	17.0	100.0	7.1	10.0	20.2	28.5	73.3	18.4	30.8	290	657	100.0	0.0	
a. Hodgkin	0	1	5	23	61	29	90	4.2	37.2	8.6	50.6	-	0.9	3.7	17.2	44.7	6.5	15.1	109	332	100.0	0.0	
b. Non-Hodgkin except BL	2	1	15	12	35	30	65	4.4	38.5	6.2	36.5	7.1	0.9	11.2	9.0	25.7	7.1	11.3	112	240	100.0	0.0	
c. Burkitt (BL)	0	4	6	1	4	11	15	1.6	14.1	1.4	8.4	-	3.6	4.5	0.7	2.9	2.8	2.8	41	55	100.0	0.0	
d. Lymphoreticular	0	3	1	2	0	6	6	0.9	7.7	0.6	3.4	-	2.7	0.7	1.5	-	1.5	1.2	22	22	100.0	0.0	
e. Unspecified	0	2	0	0	0	2	2	0.3	2.6	0.2	1.1	-	1.8	-	-	-	0.6	0.4	7	7	100.0	0.0	
III CNS NEOPLASMS †	10	38	57	48	49	153	202	22.2	100.0	19.3	100.0	35.3	34.4	42.7	36.0	35.9	37.6	37.2	566	746	84.7	0.0	
a. Ependymoma	5	7	3	4	5	19	24	2.8	12.4	2.3	11.9	17.7	6.3	2.2	3.0	3.7	4.9	4.7	69	88	79.2	0.0	
b. Astrocytoma	1	10	23	27	21	61	82	8.9	39.9	7.8	40.6	3.5	9.1	17.2	20.2	15.4	14.5	14.7	227	304	95.1	0.0	
c. CNS embryonal	4	11	17	3	5	35	40	5.1	22.9	3.8	19.8	14.1	10.0	12.7	2.2	3.7	8.9	7.8	129	147	97.5	0.0	
d. Other gliomas	0	5	5	4	2	14	16	2.0	9.2	1.5	7.9	-	4.5	3.7	3.0	1.5	3.5	3.0	52	59	31.3	0.0	
e. Other specified	0	4	8	8	13	20	33	2.9	13.1	3.2	16.3	-	3.6	6.0	6.0	9.5	4.8	5.9	74	122	87.9	0.0	
f. Unspecified CNS	0	1	1	2	3	4	7	0.6	2.6	0.7	3.5	-	0.9	0.7	1.5	2.2	1.0	1.2	15	26	14.3	0.0	
IV NEUROBLASTOMA	17	19	4	2	1	42	43	6.1	100.0	4.1	100.0	60.0	17.2	3.0	1.5	0.7	11.4	9.0	152	156	100.0	0.0	
a. (Ganglio)neuroblastoma	17	19	4	2	0	42	42	6.1	100.0	4.0	97.7	60.0	17.2	3.0	1.5	-	11.4	8.9	152	152	100.0	0.0	
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.1	2.3	-	-	-	-	0.7	-	0.2	-	4	4	100.0	0.0
V RETINOBLASTOMA	10	3	1	0	0	14	14	2.0	100.0	1.3	100.0	35.3	2.7	0.7	-	-	3.9	3.0	51	51	78.6	0.0	
VI RENAL TUMOURS	4	15	11	1	5	31	36	4.5	100.0	3.4	100.0	14.1	13.6	8.2	0.7	3.7	8.2	7.2	113	132	100.0	0.0	
a. Nephroblastoma	4	15	11	1	1	31	32	4.5	100.0	3.1	88.9	14.1	13.6	8.2	0.7	0.7	8.2	6.5	113	117	100.0	0.0	
b. Renal carcinoma	0	0	0	0	4	0	4	-	-	0.4	11.1	-	-	-	-	2.9	-	0.7	-	15	15	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	5	4	1	1	2	11	13	1.6	100.0	1.2	100.0	17.7	3.6	0.7	0.7	1.5	3.0	2.6	40	47	100.0	0.0	
a. Hepatoblastoma	3	4	0	1	0	8	8	1.2	72.7	0.8	61.5	10.6	3.6	-	0.7	-	2.2	1.7	29	29	100.0	0.0	
b. Hepatic carcinoma	2	0	1	0	2	3	5	0.4	27.3	0.5	38.5	7.1	-	0.7	-	1.5	0.8	0.9	11	18	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	3	9	18	27	30	57	4.4	100.0	5.4	100.0	-	2.7	6.7	13.5	19.8	6.9	9.8	112	211	100.0	0.0	
a. Osteosarcoma	0	1	7	10	15	18	33	2.6	60.0	3.2	57.9	-	0.9	5.2	7.5	11.0	4.1	5.7	67	122	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.1	1.8	-	-	-	-	0.7	-	0.2	-	4	4	100.0	0.0
c. Ewing & related	0	2	2	8	9	12	21	1.7	40.0	2.0	36.8	-	1.8	1.5	6.0	6.6	2.8	3.6	45	78	100.0	0.0	
d. Other specified	0	0	0	0	2	0	2	-	-	0.2	3.5	-	-	-	-	1.5	-	0.3	-	7	7	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	4	18	11	18	25	51	76	7.4	100.0	7.3	100.0	14.1	16.3	8.2	13.5	18.3	12.7	14.0	188	280	100.0	0.0	
a. Rhabdomyosarcoma	3	14	4	5	6	26	32	3.8	51.0	3.1	42.1	10.6	12.7	3.0	3.7	4.4	6.8	6.3	95	117	100.0	0.0	
b. Fibrosarcoma	0	2	3	3	2	8	10	1.2	15.7	1.0	13.2	-	1.8	2.2	2.2	1.5	1.9	1.8	30	37	100.0	0.0	
c. Kaposi sarcoma	0	1	0	1	0	2	2	0.3	3.9	0.2	2.6	-	0.9	-	0.7	-	0.5	0.4	7	7	100.0	0.0	
d. Other specified	0	0	4	9	14	13	27	1.9	25.5	2.6	35.5	-	-	3.0	6.7	10.3	2.9	4.6	49	100	100.0	0.0	
e. Unspecified	1	1	0	0	3	2	5	0.3	3.9	0.5	6.6	3.5	0.9	-	-	2.2	0.6	0.9	7	18	100.0	0.0	
X GERM CELL TUMOURS	7	5	0	6	42	18	60	2.6	100.0	5.7	100.0	24.7	4.5	-	4.5	30.8	4.7	10.5	66	220	100.0	0.0	
a. CNS germ cell	0	0	0	2	3	2	5	0.3	11.1	0.5	8.3	-	-	-	1.5	2.2	0.4	0.8	7	18	100.0	0.0	
b. Other extragonadal	5	2	0	1	0	8	8	1.2	44.4	0.8	13.3	17.7	1.8	-	0.7	-	2.2	1.7	29	29	100.0	0.0	
c. Gonadal germ cell	1	3	0	3	39	7	46	1.0	38.9	4.4	76.7	3.5	2.7	-	2.2	28.6	1.8	7.8	26	169	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	1	0	0	0	0	1	1	0.1	5.6	0.1	1.7	3.5	-	-	-	-	0.3	0.2	4	4	100.0	0.0	
XI CARCINOMA & MELANOMA	1	3	5	19	70	28	98	4.1	100.0	9.4	100.0	3.5	2.7	3.7	14.2	51.3	6.5	16.6	104	361	100.0	0.0	
a. Adrenocortical	0	1	0	0	1	1	2	0.1	3.6	0.2	2.0	-	0.9	-	-	0.7	0.3	0.4	4	7	100.0	0.0	
b. Thyroid	0	0	1	5	16	6	22	0.9	21.4	2.1	22.4	-	-	0.7	3.7	11.7	1.3	3.7	22	81	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	1	2	3	8	35	14	49	2.0	50.0	4.7	50.0	3.5	1.8	2.2	6.0	25.7	3.3	8.3	52	180	100.0	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	1	6	18	7	25	1.0	25.0	2.4	25.5	-	-	0.7	4.5	13.2	1.5	4.2	26	92	100.0	0.0	
XII OTHER & UNSPECIFIED	1	0	1	1	0	3	3	0.4	100.0	0.3	100.0	3.5	-	0.7	0.7	-	0.7	0.6	11	11	33.3	33.3	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	1	0	1	1	0	3	3	0.4	100.0	0.3	100.0	3.5	-	0.7	0.7	-	0.7	0.6	11	11	33.3	33.3	
TOTAL	76	224	194	194	358	688	1046	100.0	100.0	100.0	100.0	268.4	202.8	145.4	145.4	262.5	172.8	193.0	2535	3847	96.5	0.2	

† includes 103 non-malignant

Please consult the quality indicators for this registry

SWITZERLAND, Zurich (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	8	74	42	29	23	153	176	76.4	66.6	2.0	2.0	7	31	25	13	14	76	90	40.2	35.9		
a. Lymphoid	2	50	29	16	11	97	108	48.5	41.1	1.6	1.7	3	27	20	9	4	59	63	31.3	25.6		
b. Acute myeloid	3	12	5	7	5	27	32	13.4	12.0	3.4	2.3	2	2	1	3	6	8	14	4.1	5.2		
c. CMD	0	0	2	2	5	4	9	1.8	3.0	2.0	1.8	0	0	1	1	3	2	5	0.9	1.8		
d. MDS & other	3	2	1	2	2	8	10	4.0	3.8	8.0	5.0	0	0	1	0	1	1	2	0.5	0.7		
e. Unspecified	0	10	5	2	0	17	17	8.6	6.7	2.8	2.8	2	2	2	0	0	6	6	3.3	2.6		
II LYMPHOMA & RELATED	2	7	22	22	56	53	109	24.5	37.0	2.1	1.6	0	4	5	16	44	25	69	12.0	24.2		
a. Hodgkin	0	0	5	13	33	18	51	7.8	16.7	1.6	1.3	0	1	0	10	28	11	39	5.1	13.4		
b. Non-Hodgkin except BL	2	1	12	6	19	21	40	9.8	13.7	2.3	1.6	0	0	3	6	16	9	25	4.2	8.7		
c. Burkitt (BL)	0	3	5	1	4	9	13	4.4	4.7	4.5	6.5	0	1	1	0	0	2	2	1.1	0.8		
d. Lymphoreticular	0	1	0	2	0	3	3	1.4	1.1	1.0	1.0	0	2	1	0	0	3	3	1.6	1.3		
e. Unspecified	0	2	0	0	0	2	2	1.1	0.8	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	5	21	37	29	27	92	119	43.7	42.5	1.5	1.4	5	17	20	19	22	61	83	31.2	31.6		
a. Ependymoma	3	4	2	3	3	12	15	6.0	5.6	1.7	1.7	2	3	1	1	2	7	9	3.8	3.6		
b. Astrocytoma	0	7	15	17	10	39	49	18.0	17.2	1.8	1.5	1	3	8	10	11	22	33	10.8	12.1		
c. CNS embryonal	2	6	12	2	4	22	26	10.8	9.7	1.7	1.9	2	5	5	1	1	13	14	7.0	5.7		
d. Other gliomas	0	2	2	2	0	6	6	2.9	2.2	0.8	0.6	0	3	3	2	2	8	10	4.1	3.9		
e. Other specified	0	2	6	4	9	12	21	5.6	7.2	1.5	1.8	0	2	2	4	4	8	12	3.9	4.4		
f. Unspecified CNS	0	0	0	1	1	1	2	0.4	0.6	0.3	0.4	0	1	1	1	2	3	5	1.5	1.9		
IV NEUROBLASTOMA	8	9	1	1	1	19	20	10.1	8.1	0.8	0.9	9	10	3	1	0	23	23	12.9	10.0		
a. (Ganglio)neuroblastoma	8	9	1	1	0	19	19	10.1	7.8	0.8	0.8	9	10	3	1	0	23	23	12.9	10.0		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	4	2	1	0	0	7	7	3.7	2.9	1.0	1.0	6	1	0	0	0	7	7	4.0	3.1		
VI RENAL TUMOURS	1	7	6	0	1	14	15	7.1	5.9	0.8	0.7	3	8	5	1	4	17	21	9.3	8.5		
a. Nephroblastoma	1	7	6	0	0	14	14	7.1	5.5	0.8	0.8	3	8	5	1	1	17	18	9.3	7.5		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.3	-	0.3	0	0	0	0	3	0	3	-	1.0		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	3	3	0	1	1	7	8	3.7	3.2	1.8	1.6	2	1	1	0	1	4	5	2.2	2.1		
a. Hepatoblastoma	2	3	0	1	0	6	6	3.1	2.4	3.0	3.0	1	1	0	0	0	2	2	1.1	0.9		
b. Hepatic carcinoma	1	0	0	0	1	1	2	0.5	0.7	0.5	0.7	1	0	1	0	1	2	3	1.1	1.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	4	9	19	14	33	6.2	10.9	0.9	1.4	0	2	5	9	8	16	24	7.7	8.7		
a. Osteosarcoma	0	0	4	5	11	9	20	4.0	6.6	1.0	1.5	0	1	3	5	4	9	13	4.3	4.7		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	1	0	1	1	-	0.3		
c. Ewing & related	0	1	0	4	7	5	12	2.2	4.0	0.7	1.3	0	1	2	4	2	7	9	3.4	3.3		
d. Other specified	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	4	11	6	9	18	30	48	14.7	17.2	1.4	1.7	0	7	5	9	7	21	28	10.6	10.6		
a. Rhabdomyosarcoma	3	9	2	3	3	17	20	8.7	7.7	1.9	1.7	0	5	2	2	3	9	12	4.8	4.7		
b. Fibrosarcoma	0	1	2	3	2	6	8	2.7	2.8	3.0	4.0	0	1	1	0	0	2	2	1.1	0.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	0	2	2	1.0	0.8		
d. Other specified	0	0	2	3	10	5	15	2.2	4.9	0.6	1.3	0	0	2	6	4	8	12	3.7	4.2		
e. Unspecified	1	1	0	0	3	2	5	1.1	1.8	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	4	4	0	4	34	12	46	6.0	15.6	2.0	3.3	3	1	0	2	8	6	14	3.2	5.2		
a. CNS germ cell	0	0	0	2	3	2	5	0.8	1.6	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	2	1	0	1	0	4	4	2.0	1.6	1.0	1.0	3	1	0	0	0	4	4	2.3	1.8		
c. Gonadal germ cell	1	3	0	1	31	5	36	2.6	12.0	2.5	3.6	0	0	0	2	8	2	10	0.9	3.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	1	0	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	1	1	0	9	24	11	35	4.9	11.5	0.6	0.6	0	2	5	10	46	17	63	8.1	21.9		
a. Adrenocortical	0	1	0	0	0	1	1	0.5	0.4	-	1.0	0	0	0	0	1	0	1	-	0.3		
b. Thyroid	0	0	0	2	3	2	5	0.8	1.6	0.5	0.3	0	0	1	3	13	4	17	1.8	5.8		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	1	0	0	5	15	6	21	2.7	6.9	0.8	0.8	0	2	3	3	20	8	28	4.0	9.9		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	2	6	2	8	0.8	2.6	0.4	0.5	0	0	1	4	12	5	17	2.3	5.9		
XII OTHER & UNSPECIFIED	1	0	0	0	0	1	1	0.5	0.4	0.5	0.5	0	0	1	1	0	2	2	0.9	0.7		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	1	0	0	0	0	1	1	0.5	0.4	0.5	0.5	0	0	1	1	0	2	2	0.9	0.7		
TOTAL	41	140	119	113	204	413	617	201.6	221.7	1.5	1.4	35	84	75	81	154	275	429	142.2	162.5		

† includes 56 non-malignant in males and 47 non-malignant in females

Please consult the quality indicators for this registry

SWITZERLAND, Zurich (1993-2013)

	Age group	Males	Females
Person-years	0	145 598	137 539
	1-4	568 983	535 748
	5-9	687 705	646 279
	10-14	687 884	646 725
	15-19	700 656	663 030
Total	0-14	2 090 170	1 966 291
	0-19	2 790 826	2 629 321
Average annual population	0-14	99 532	93 633
	0-19	132 896	125 206

Please consult the quality indicators for this registry