

## SWITZERLAND, 7 registries (1990-2013)

	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	
<b>I LEUKAEMIA</b>	29	273	138	110	78	550	628	30.7	100.0	23.6	100.0	42.1	95.9	39.1	30.9	21.4	54.7	47.2	777	884	99.4	0.6	
a. Lymphoid	11	221	113	77	39	422	461	23.6	76.7	17.3	73.4	16.0	77.7	32.0	21.7	10.7	42.0	35.0	596	650	99.3	0.7	
b. Acute myeloid	13	33	11	23	21	80	101	4.5	14.5	3.8	16.1	18.9	11.6	3.1	6.5	5.8	7.9	7.4	113	142	100.0	0.0	
c. CMD	0	1	4	5	14	10	24	0.6	1.8	0.9	3.8	-	0.4	1.1	1.4	3.8	0.9	1.5	14	33	100.0	0.0	
d. MDS & other	3	5	2	3	4	13	17	0.7	2.4	0.6	2.7	4.4	1.8	0.6	0.8	1.1	1.3	1.3	18	24	100.0	0.0	
e. Unspecified	2	13	8	2	0	25	25	1.4	4.5	0.9	4.0	2.9	4.6	2.3	0.6	-	2.5	2.0	35	35	96.0	4.0	
<b>II LYMPHOMA &amp; RELATED</b>	6	45	72	103	240	226	466	12.6	100.0	17.5	100.0	8.7	15.8	20.4	29.0	65.9	20.6	30.8	319	648	100.0	0.0	
a. Hodgkin	0	7	14	56	164	77	241	4.3	34.1	9.0	51.7	-	2.5	4.0	15.8	45.0	6.6	15.3	108	333	100.0	0.0	
b. Non-Hodgkin except BL	4	14	32	35	65	85	150	4.7	37.6	5.6	32.2	5.8	4.9	9.1	9.8	17.8	7.8	10.0	120	209	100.0	0.0	
c. Burkitt (BL)	0	14	22	10	8	46	54	2.6	20.4	2.0	11.6	-	4.9	6.2	2.8	2.2	4.4	3.9	65	76	100.0	0.0	
d. Lymphoreticular	2	8	4	2	2	16	18	0.9	7.1	0.7	3.9	2.9	2.8	1.1	0.6	0.5	1.6	1.4	23	25	100.0	0.0	
e. Unspecified	0	2	0	0	1	2	3	0.1	0.9	0.1	0.6	-	0.7	-	-	0.3	0.2	0.2	3	4	100.0	0.0	
<b>III CNS NEOPLASMS †</b>	22	104	144	126	106	396	502	22.1	100.0	18.8	100.0	31.9	36.5	40.8	35.4	29.1	37.2	35.4	559	705	86.7	0.2	
a. Ependymoma	8	18	13	8	12	47	59	2.6	11.9	2.2	11.8	11.6	6.3	3.7	2.3	3.3	4.7	4.4	66	83	84.7	0.0	
b. Astrocytoma	3	38	52	59	46	152	198	8.5	38.4	7.4	39.4	4.4	13.4	14.7	16.6	12.6	14.1	13.7	215	278	96.5	0.0	
c. CNS embryonal	8	29	39	16	15	92	107	5.1	23.2	4.0	21.3	11.6	10.2	11.0	4.5	4.1	8.9	7.8	130	151	99.1	0.0	
d. Other gliomas	1	6	12	5	6	24	30	1.3	6.1	1.1	6.0	1.5	2.1	3.4	1.4	1.6	2.3	2.1	34	42	40.0	0.0	
e. Other specified	0	9	19	31	21	59	80	3.3	14.9	3.0	15.9	-	3.2	5.4	8.7	5.8	5.3	5.4	83	112	90.0	0.0	
f. Unspecified CNS	2	4	9	7	6	22	28	1.2	5.6	1.1	5.6	2.9	1.4	2.5	2.0	1.6	2.1	2.0	31	39	14.3	3.6	
<b>IV NEUROBLASTOMA</b>	48	59	8	4	2	119	121	6.6	100.0	4.5	100.0	69.7	20.7	2.3	1.1	0.5	12.8	10.0	168	171	100.0	0.0	
a. (Ganglio)neuroblastoma	48	59	8	3	1	118	119	6.6	99.2	4.5	98.3	69.7	20.7	2.3	0.8	0.3	12.7	9.9	167	168	100.0	0.0	
b. Peripheral nervous	0	0	0	1	1	1	2	0.1	0.8	0.1	1.7	-	-	-	0.3	0.3	0.1	0.1	1	3	100.0	0.0	
<b>V RETINOBLASTOMA</b>	22	17	2	0	0	41	41	2.3	100.0	1.5	100.0	31.9	6.0	0.6	-	-	4.5	3.5	58	58	78.0	0.0	
<b>VI RENAL TUMOURS</b>	10	40	25	5	9	80	89	4.5	100.0	3.3	100.0	14.5	14.1	7.1	1.4	2.5	8.2	6.9	113	125	100.0	0.0	
a. Nephroblastoma	10	40	25	2	2	77	79	4.3	96.3	3.0	88.8	14.5	14.1	7.1	0.6	0.5	7.9	6.3	109	112	100.0	0.0	
b. Renal carcinoma	0	0	0	3	7	3	10	0.2	3.8	0.4	11.2	-	-	-	0.8	1.9	0.2	0.6	4	14	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	9	9	3	5	9	26	35	1.5	100.0	1.3	100.0	13.1	3.2	0.8	1.4	2.5	2.7	2.6	37	49	97.1	2.9	
a. Hepatoblastoma	6	9	2	3	1	20	21	1.1	76.9	0.8	60.0	8.7	3.2	0.6	0.8	0.3	2.1	1.7	28	30	100.0	0.0	
b. Hepatic carcinoma	2	0	1	2	8	5	13	0.3	19.2	0.5	37.1	2.9	-	0.3	0.6	2.2	0.5	0.9	7	18	100.0	0.0	
c. Unspecified	1	0	0	0	0	1	1	0.1	3.8	0.0	2.9	1.5	-	-	-	-	0.1	0.1	1	1	0.0	100.0	
<b>VIII BONE TUMOURS</b>	0	8	29	55	62	92	154	5.1	100.0	5.8	100.0	-	2.8	8.2	15.5	17.0	8.0	10.0	130	215	99.4	0.0	
a. Osteosarcoma	0	3	12	29	36	44	80	2.5	47.8	3.0	51.9	-	1.1	3.4	8.2	9.9	3.8	5.2	62	111	100.0	0.0	
b. Chondrosarcoma	0	0	0	3	4	3	7	0.2	3.3	0.3	4.5	-	-	-	0.8	1.1	0.2	0.4	4	10	100.0	0.0	
c. Ewing & related	0	4	17	22	19	43	62	2.4	46.7	2.3	40.3	-	1.4	4.8	6.2	5.2	3.8	4.1	61	87	100.0	0.0	
d. Other specified	0	0	0	1	3	1	4	0.1	1.1	0.2	2.6	-	-	-	0.3	0.8	0.1	0.2	1	6	100.0	0.0	
e. Unspecified	0	1	0	0	0	1	1	0.1	1.1	0.0	0.6	-	0.4	-	-	-	0.1	0.1	1	1	0.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	9	36	30	47	52	122	174	6.8	100.0	6.5	100.0	13.1	12.6	8.5	13.2	14.3	11.5	12.1	172	244	100.0	0.0	
a. Rhabdomyosarcoma	6	27	15	18	12	66	78	3.7	54.1	2.9	44.8	8.7	9.5	4.2	5.1	3.3	6.5	5.7	93	110	100.0	0.0	
b. Fibrosarcoma	1	2	4	6	5	13	18	0.7	10.7	0.7	10.3	1.5	0.7	1.1	1.7	1.4	1.2	1.2	18	25	100.0	0.0	
c. Kaposi sarcoma	0	1	0	1	0	2	2	0.1	1.6	0.1	1.1	-	0.4	-	0.3	-	0.2	0.1	3	3	100.0	0.0	
d. Other specified	0	3	9	20	29	32	61	1.8	26.2	2.3	35.1	-	1.1	2.5	5.6	8.0	2.8	3.9	45	85	100.0	0.0	
e. Unspecified	2	3	2	2	6	9	15	0.5	7.4	0.6	8.6	2.9	1.1	0.6	0.6	1.6	0.9	1.1	13	21	100.0	0.0	
<b>X GERM CELL TUMOURS</b>	13	11	3	24	104	51	155	2.8	100.0	5.8	100.0	18.9	3.9	0.8	6.8	28.5	4.9	10.2	72	215	100.0	0.0	
a. CNS germ cell	0	0	2	7	5	9	14	0.5	17.6	0.5	9.0	-	-	0.6	2.0	1.4	0.8	0.9	13	20	100.0	0.0	
b. Other extragonadal	8	4	0	1	3	13	16	0.7	25.5	0.6	10.3	11.6	1.4	-	0.3	0.8	1.4	1.3	18	22	100.0	0.0	
c. Gonadal germ cell	4	7	1	16	91	28	119	1.6	54.9	4.5	76.8	5.8	2.5	0.3	4.5	25.0	2.6	7.6	39	164	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	4	0	4	-	-	0.2	2.6	-	-	-	-	1.1	-	0.2	-	5	5	100.0	0.0
e. Unspecified gonadal	1	0	0	0	1	1	2	0.1	2.0	0.1	1.3	1.5	-	-	-	0.3	0.1	0.1	1	3	100.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	1	3	18	61	210	83	293	4.6	100.0	11.0	100.0	1.5	1.1	5.1	17.2	57.6	7.1	18.4	117	405	100.0	0.0	
a. Adrenocortical	0	1	1	1	2	3	5	0.2	3.6	0.2	1.7	-	0.4	0.3	0.3	0.5	0.3	0.3	4	7	100.0	0.0	
b. Thyroid	0	0	2	10	41	12	53	0.7	14.5	2.0	18.1	-	-	0.6	2.8	11.3	1.0	3.3	17	73	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	7	0	7	-	-	0.3	2.4	-	-	-	-	1.9	-	0.4	-	10	100.0	0.0	
d. Melanoma	1	2	7	25	98	35	133	2.0	42.2	5.0	45.4	1.5	0.7	2.0	7.0	26.9	3.0	8.4	49	184	100.0	0.0	
e. Skin carcinoma	0	0	2	8	16	10	26	0.6	12.0	1.0	8.9	-	-	0.6	2.3	4.4	0.8	1.6	14	36	100.0	0.0	
f. Other & unspecified	0	0	6	17	46	23	69	1.3	27.7	2.6	23.5	-	-	1.7	4.8	12.6	1.9	4.3	32	96	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	1	1	1	2	2	5	7	0.3	100.0	0.3	100.0	1.5	0.4	0.3	0.6	0.5	0.5	0.5	7	10	71.4	14.3	
a. Other specified	0	1	0	1	2	2	4	0.1	40.0	0.2	57.1	-	0.4	-	0.3	0.5	0.2	0.3	3	6	100.0	0.0	
b. Other unspecified	1	0	1	1	0	3	3	0.2	60.0	0.1	42.9	1.5	-	0.3	0.3	-	0.3	0.2	4	4	33.3	33.3	
<b>TOTAL</b>	170	606	473	542	874	1791	2665	100.0	100.0	100.0	100.0	246.8	212.9	133.9	152.5	239.8	172.4	187.6	2529	3728	96.8	0.3	

† includes 232 non-malignant

Please consult the quality indicators for the constituent registries

## SWITZERLAND, 7 registries (1990-2013)

	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		
<b>I LEUKAEMIA</b>	14	164	85	67	47	330	377	63.7	55.1	1.5	1.5	15	109	53	43	31	220	251	45.1	38.9				
a. Lymphoid	5	126	67	46	27	244	271	47.1	39.8	1.4	1.4	6	95	46	31	12	178	190	36.6	29.9				
b. Acute myeloid	6	22	8	14	10	50	60	9.6	8.7	1.7	1.5	7	11	3	9	11	30	41	6.1	6.1				
c. CMD	0	1	3	3	8	7	15	1.2	1.9	2.3	1.7	0	0	1	2	6	3	9	0.5	1.2				
d. MDS & other	3	4	1	2	2	10	12	2.0	1.8	3.3	2.4	0	1	1	1	2	3	5	0.6	0.7				
e. Unspecified	0	11	6	2	0	19	19	3.7	2.9	3.2	3.2	2	2	2	0	0	6	6	1.3	1.0				
<b>II LYMPHOMA &amp; RELATED</b>	4	35	57	57	108	153	261	27.5	34.4	2.1	1.3	2	10	15	46	132	73	205	13.2	26.9				
a. Hodgkin	0	4	14	28	66	46	112	7.8	14.0	1.5	0.9	0	3	0	28	98	31	129	5.4	16.5				
b. Non-Hodgkin except BL	3	11	21	20	35	55	90	9.9	11.9	1.8	1.5	1	3	11	15	30	30	60	5.5	8.0				
c. Burkitt (BL)	0	13	20	7	6	40	46	7.4	6.5	6.7	5.8	0	1	2	3	2	6	8	1.1	1.1				
d. Lymphoreticular	1	5	2	2	1	10	11	2.0	1.6	1.7	1.6	1	3	2	0	1	6	7	1.3	1.1				
e. Unspecified	0	2	0	0	0	2	2	0.4	0.3	-	2.0	0	0	0	0	1	0	1	-	0.1				
<b>III CNS NEOPLASMS †</b>	8	56	82	77	58	223	281	40.5	38.4	1.3	1.3	14	48	62	49	48	173	221	33.8	32.3				
a. Ependymoma	3	10	7	7	6	27	33	5.1	4.7	1.4	1.3	5	8	6	1	6	20	26	4.2	4.0				
b. Astrocytoma	1	20	31	34	23	86	109	15.4	14.7	1.3	1.2	2	18	21	25	23	66	89	12.6	12.7				
c. CNS embryonal	4	18	22	12	9	56	65	10.5	9.2	1.6	1.5	4	11	17	4	6	36	42	7.2	6.4				
d. Other gliomas	0	3	5	2	2	10	12	1.8	1.7	0.7	0.7	1	3	7	3	4	14	18	2.7	2.6				
e. Other specified	0	3	13	18	15	34	49	5.8	6.3	1.4	1.6	0	6	6	13	6	25	31	4.7	4.4				
f. Unspecified CNS	0	2	4	4	3	10	13	1.8	1.7	0.8	0.9	2	2	5	3	3	12	15	2.3	2.2				
<b>IV NEUROBLASTOMA</b>	21	28	2	3	2	54	56	11.3	9.0	0.8	0.9	27	31	6	1	0	65	65	14.4	11.1				
a. (Ganglioneuroblastoma	21	28	2	2	1	53	54	11.1	8.7	0.8	0.8	27	31	6	1	0	65	65	14.4	11.1				
b. Peripheral nervous	0	0	0	1	1	1	2	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-				
<b>V RETINOBLASTOMA</b>	8	11	1	0	0	20	20	4.2	3.3	1.0	1.0	14	6	1	0	0	21	21	4.7	3.6				
<b>VI RENAL TUMOURS</b>	4	18	15	2	3	39	42	7.7	6.3	1.0	0.9	6	22	10	3	6	41	47	8.7	7.5				
a. Nephroblastoma	4	18	15	1	0	38	38	7.5	5.8	1.0	0.9	6	22	10	1	2	39	41	8.4	6.7				
b. Renal carcinoma	0	0	0	1	3	1	4	0.2	0.5	0.5	0.7	0	0	0	2	4	2	6	0.3	0.8				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	3	8	2	4	5	17	22	3.3	3.2	1.9	1.7	6	1	1	1	4	9	13	1.9	2.0				
a. Hepatoblastoma	2	8	2	2	0	14	14	2.8	2.2	2.3	2.0	4	1	0	1	1	6	7	1.3	1.1				
b. Hepatic carcinoma	1	0	0	2	5	3	8	0.5	1.0	1.5	1.6	1	0	1	0	3	2	5	0.4	0.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.2	0.2				
<b>VIII BONE TUMOURS</b>	0	4	13	30	36	47	83	7.9	10.5	1.0	1.2	0	4	16	25	26	45	71	8.1	9.6				
a. Osteosarcoma	0	2	6	15	21	23	44	3.9	5.5	1.1	1.2	0	1	6	14	15	21	36	3.7	4.8				
b. Chondrosarcoma	0	0	0	3	2	3	5	0.5	0.6	-	2.5	0	0	0	0	2	0	2	-	0.3				
c. Ewing & related	0	1	7	11	11	19	30	3.2	3.8	0.8	0.9	0	3	10	11	8	24	32	4.4	4.4				
d. Other specified	0	0	0	1	2	1	3	0.2	0.4	-	3.0	0	0	0	0	1	0	1	-	0.1				
e. Unspecified	0	1	0	0	0	1	1	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	8	21	17	20	33	66	99	12.4	13.6	1.2	1.3	1	15	13	27	19	56	75	10.6	10.6				
a. Rhabdomyosarcoma	6	17	7	8	6	38	44	7.4	6.5	1.4	1.3	0	10	8	10	6	28	34	5.4	5.0				
b. Fibrosarcoma	1	1	3	6	4	11	15	1.9	2.0	5.5	5.0	0	1	1	0	1	2	3	0.4	0.4				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	0	2	2	0.4	0.3				
d. Other specified	0	2	5	6	17	13	30	2.3	3.8	0.7	1.0	0	1	4	14	12	19	31	3.3	4.1				
e. Unspecified	1	1	2	0	6	4	10	0.8	1.3	0.8	2.0	1	2	0	2	0	5	5	1.0	0.8				
<b>X GERM CELL TUMOURS</b>	6	7	2	12	82	27	109	5.0	13.8	1.1	2.4	7	4	1	12	22	24	46	4.7	6.4				
a. CNS germ cell	0	0	2	7	4	9	13	1.5	1.6	-	13.0	0	0	0	0	1	0	1	-	0.1				
b. Other extragonadal	2	1	0	1	3	4	7	0.8	1.0	0.4	0.8	6	3	0	0	0	9	9	2.0	1.6				
c. Gonadal germ cell	3	6	0	4	75	13	88	2.6	11.1	0.9	2.8	1	1	1	12	16	15	31	2.7	4.1				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	4	0	4	-	0.5				
e. Unspecified gonadal	1	0	0	0	0	1	1	0.2	0.2	-	1.0	0	0	0	0	1	0	1	-	0.1				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	3	24	89	29	118	4.8	14.5	0.5	0.7	0	2	15	37	121	54	175	9.5	22.6				
a. Adrenocortical	0	1	0	0	0	1	1	0.2	0.2	0.5	0.3	0	0	1	1	2	2	4	0.4	0.5				
b. Thyroid	0	0	0	4	6	4	10	0.6	1.2	0.5	0.2	0	0	2	6	35	8	43	1.4	5.5				
c. Nasopharyngeal	0	0	0	0	5	0	5	-	0.6	-	2.5	0	0	0	0	2	0	2	-	0.3				
d. Melanoma	1	0	2	13	48	16	64	2.6	7.9	0.8	0.9	0	2	5	12	50	19	69	3.4	8.9				
e. Skin carcinoma	0	0	1	3	7	4	11	0.7	1.4	0.7	0.7	0	0	1	5	9	6	15	1.0	1.9				
f. Other & unspecified	0	0	0	4	23	4	27	0.6	3.3	0.2	0.6	0	0	6	13	23	19	42	3.3	5.5				
<b>XII OTHER &amp; UNSPECIFIED</b>	1	0	0	1	1	2	3	0.4	0.4	0.7	0.8	0	1	1	1	1	3	4	0.6	0.6				
a. Other specified	0	0	0	1	1	1	2	0.2	0.2	1.0	1.0	0	1	0	0	1	1	2	0.2	0.3				
b. Other unspecified	1	0	0	0	0	1	1	0.2	0.2	0.5	0.5	0	0	1	1	0	2	2	0.4	0.3				
<b>TOTAL</b>	78	353	279	297	464	1007	1471	188.7	202.4	1.3	1.2	92	253	194	245	410	784	1194	155.3	172.0				

† includes 121 non-malignant in males and 111 non-malignant in females

Please consult the quality indicators for the constituent registries

## SWITZERLAND, 7 registries (1990-2013)

	Age group	Males	Females
Person-years	0	354 034	334 713
	1-4	1 462 730	1 383 369
	5-9	1 814 987	1 718 332
	10-14	1 824 395	1 730 537
	15-19	1 859 584	1 784 561
Total	0-14	5 456 146	5 166 951
	0-19	7 315 730	6 951 512
Average annual population	0-14	227 339	215 290
	0-19	304 822	289 646

Please consult the quality indicators for the constituent registries