

ITALY, Catania (2003-2013)

	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		
I LEUKAEMIA	1	43	30	36	20	110	130	67.9	59.5	1.3	1.3	3	46	25	12	13	86	99	60.1	51.2				
a. Lymphoid	1	37	26	26	12	90	102	56.2	47.7	1.3	1.4	2	39	21	7	6	69	75	48.8	39.9				
b. Acute myeloid	0	6	3	8	6	17	23	10.1	9.9	1.2	1.2	1	5	3	5	5	14	19	9.1	8.9				
c. CMD	0	0	0	1	2	1	3	0.5	1.1	1.0	1.5	0	0	1	0	1	1	2	0.6	0.8				
d. MDS & other	0	0	1	1	0	2	2	1.1	0.8	2.0	1.0	0	1	0	0	1	1	2	0.8	1.0				
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.8	0.6				
II LYMPHOMA & RELATED	0	3	14	35	48	52	100	27.5	37.8	2.0	1.4	1	2	7	16	44	26	70	14.9	27.3				
a. Hodgkin	0	1	8	19	36	28	64	14.7	23.7	1.6	1.2	0	0	3	14	37	17	54	9.0	20.2				
b. Non-Hodgkin except BL	0	0	6	8	10	14	24	7.4	9.2	2.8	2.2	0	0	3	2	6	5	11	2.9	4.4				
c. Burkitt (BL)	0	2	0	7	1	9	10	4.9	4.1	4.5	3.3	0	2	0	0	1	2	3	1.6	1.6				
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	1	0	0	2	2	1.4	1.1				
e. Unspecified	0	0	0	1	1	1	2	0.5	0.7	-	-	0	0	0	0	0	0	0	-	-				
III CNS NEOPLASMS †	2	18	35	30	42	85	127	50.1	53.3	0.9	0.8	5	19	30	37	63	91	154	56.3	66.2				
a. Ependymoma	0	2	1	0	1	3	4	2.1	2.0	0.5	0.7	0	2	2	2	0	6	6	3.8	3.0				
b. Astrocytoma	0	5	12	3	3	20	23	12.3	10.5	1.1	1.0	0	5	8	6	4	19	23	12.0	10.7				
c. CNS embryonal	0	4	6	4	1	14	15	8.5	6.9	1.6	1.5	0	3	5	1	1	9	10	6.0	5.0				
d. Other gliomas	0	2	2	1	2	5	7	3.2	3.1	1.0	1.2	1	0	1	3	1	5	6	2.9	2.6				
e. Other specified	0	3	2	5	11	10	21	5.8	8.3	1.3	1.4	1	2	2	3	7	8	15	5.1	6.5				
f. Unspecified CNS	2	2	12	17	24	33	57	18.3	22.4	0.8	0.6	3	7	12	22	50	44	94	26.5	38.5				
IV NEUROBLASTOMA	8	10	5	1	0	24	24	16.8	13.0	1.0	1.0	11	10	3	0	0	24	24	18.3	14.2				
a. (Ganglio)neuroblastoma	8	10	5	0	0	23	23	16.3	12.7	1.0	1.0	11	10	3	0	0	24	24	18.3	14.2				
b. Peripheral nervous	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	0	5	1	0	0	6	6	4.3	3.3	0.8	0.8	4	4	0	0	0	8	8	6.3	4.9				
VI RENAL TUMOURS	0	7	2	2	0	11	11	7.4	5.7	0.9	0.8	1	5	6	0	1	12	13	8.4	6.9				
a. Nephroblastoma	0	7	1	1	0	9	9	6.3	4.9	0.8	0.8	1	5	6	0	0	12	12	8.4	6.5				
b. Renal carcinoma	0	0	0	1	0	1	1	0.5	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4				
c. Unspecified	0	0	1	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	1	3	2	1	0	7	7	4.6	3.6	3.5	3.5	0	2	0	0	0	2	2	1.6	1.2				
a. Hepatoblastoma	0	3	2	0	0	5	5	3.4	2.6	2.5	2.5	0	2	0	0	0	2	2	1.6	1.2				
b. Hepatic carcinoma	1	0	0	0	0	1	1	0.7	0.6	-	-	0	0	0	0	0	0	0	-	-				
c. Unspecified	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	1	1	10	12	12	24	6.2	8.9	0.9	1.5	0	0	7	7	2	14	16	7.9	6.9				
a. Osteosarcoma	0	0	1	8	8	9	17	4.5	6.2	1.8	2.8	0	0	2	3	1	5	6	2.8	2.5				
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	0	0	2	3	2	5	1.0	1.8	0.4	1.0	0	0	4	1	0	5	5	3.0	2.3				
d. Other specified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	1	0	0	0	1	1	0.7	0.6	0.3	0.2	0	0	1	3	1	4	5	2.2	2.0				
IX SOFT TISSUE SARCOMA	4	5	4	7	11	20	31	12.4	13.4	1.2	1.2	1	2	6	8	9	17	26	10.2	11.1				
a. Rhabdomyosarcoma	3	3	3	3	4	12	16	7.7	7.3	2.0	1.8	0	1	4	1	3	6	9	3.8	4.0				
b. Fibrosarcoma	1	1	0	1	0	3	3	2.0	1.5	1.5	0.6	0	0	0	2	3	2	5	1.0	1.9				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	1	0	3	7	4	11	2.2	4.1	0.5	1.0	1	1	2	4	3	8	11	4.8	4.8				
e. Unspecified	0	0	1	0	0	1	1	0.6	0.5	1.0	1.0	0	0	0	1	0	1	1	0.5	0.4				
X GERM CELL TUMOURS	1	0	2	2	25	5	30	2.9	10.8	1.0	3.8	0	1	1	3	3	5	8	2.9	3.3				
a. CNS germ cell ‡	0	0	1	2	2	3	5	1.6	1.9	3.0	2.5	0	0	0	1	1	1	2	0.5	0.8				
b. Other extragonadal	1	0	0	0	2	1	3	0.7	1.3	1.0	1.5	0	1	0	0	1	1	2	0.8	1.0				
c. Gonadal germ cell	0	0	1	0	16	1	17	0.6	5.9	0.3	4.3	0	0	1	2	1	3	4	1.6	1.6				
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified gonadal	0	0	0	0	4	0	4	-	1.4	-	-	0	0	0	0	0	0	0	-	-				
XI CARCINOMA & MELANOMA	0	0	1	11	22	12	34	5.9	12.1	0.8	0.4	0	1	4	11	61	16	77	8.9	28.7				
a. Adrenocortical	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.4				
b. Thyroid	0	0	0	6	10	6	16	2.9	5.7	0.9	0.4	0	0	1	6	38	7	45	3.7	16.5				
c. Nasopharyngeal	0	0	0	2	1	2	3	1.0	1.1	-	0.8	0	0	0	0	4	0	4	-	1.4				
d. Melanoma	0	0	0	2	4	2	6	1.0	2.1	0.7	0.5	0	0	1	2	10	3	13	1.6	4.9				
e. Skin carcinoma	0	0	0	0	3	0	3	-	1.0	0.0	0.3	0	1	2	3	5	6	11	3.6	4.5				
f. Other & unspecified	0	0	1	1	3	2	5	1.1	1.9	-	1.7	0	0	0	0	3	0	3	-	1.1				
XII OTHER & UNSPECIFIED	0	2	1	0	2	3	5	2.1	2.3	0.3	0.3	1	0	4	4	8	9	17	5.3	7.0				
a. Other specified	0	2	0	0	0	2	2	1.5	1.2	-	-	0	0	0	0	0	0	0	-	-				
b. Other unspecified	0	0	1	0	2	1	3	0.6	1.1	0.1	0.2	1	0	4	4	8	9	17	5.3	7.0				
TOTAL	17	97	98	135	182	347	529	208.2	223.7	1.1	1.0	27	92	93	98	204	310	514	201.1	228.9				

† includes 84 non-malignant in males and 122 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	102 464	97 628
	1-4	419 107	396 941
	5-9	544 122	516 304
	10-14	598 834	570 964
	15-19	656 385	628 220
Total	0-14	1 664 527	1 581 837
	0-19	2 320 912	2 210 057
Average annual population	0-14	151 321	143 803
	0-19	210 992	200 914

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