

ITALY, Umbria (1994-2011)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million							Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	2	35	21	10	14	68	82	74.5	66.3	1.0	1.1	3	25	24	13	7	65	72	73.6	61.5		
a. Lymphoid	2	27	18	6	7	53	60	58.4	49.5	1.0	1.1	1	22	21	9	3	53	56	60.3	48.6		
b. Acute myeloid	0	5	2	3	2	10	12	10.7	9.5	1.1	1.0	0	3	2	4	3	9	12	9.7	9.4		
c. CMD	0	1	1	1	4	3	7	3.1	4.8	1.0	1.8	2	0	1	0	1	3	4	3.6	3.5		
d. MDS & other	0	1	0	0	0	1	1	1.2	0.9	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	1	0	0	1	1	2	1.2	1.5	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	0	4	11	12	30	27	57	26.4	38.8	1.2	1.0	2	2	3	15	35	22	57	22.2	39.8		
a. Hodgkin	0	3	1	7	19	11	30	10.7	19.9	0.9	0.7	0	0	1	11	29	12	41	11.2	27.4		
b. Non-Hodgkin except BL	0	0	2	3	7	5	12	4.6	7.9	1.3	1.5	1	0	1	2	4	4	8	4.2	5.8		
c. Burkitt (BL)	0	0	6	1	0	7	7	6.9	5.4	1.8	1.8	1	1	1	1	0	4	4	4.6	3.5		
d. Lymphoreticular	0	0	2	0	0	2	2	2.0	1.6	1.0	1.0	0	1	0	1	0	2	2	2.2	1.7		
e. Unspecified	0	1	0	1	4	2	6	2.1	4.0	-	3.0	0	0	0	0	2	0	2	-	1.3		
III CNS NEOPLASMS †	1	14	17	11	16	43	59	44.8	44.5	1.2	1.3	2	14	7	13	9	36	45	39.9	36.8		
a. Ependymoma	0	2	1	0	0	3	3	3.4	2.7	0.4	0.4	0	4	0	4	0	8	8	8.8	6.8		
b. Astrocytoma	0	4	4	4	8	12	20	12.3	14.5	2.0	2.2	1	3	1	1	3	6	9	7.1	7.4		
c. CNS embryonal	1	2	4	1	1	8	9	8.5	7.2	1.3	1.3	1	1	3	1	1	6	7	6.7	5.8		
d. Other gliomas	0	1	3	3	3	7	10	6.8	7.1	1.2	1.3	0	2	1	3	2	6	8	6.4	6.2		
e. Other specified	0	2	1	1	2	4	6	4.3	4.5	0.7	0.9	0	1	1	4	1	6	7	6.0	5.3		
f. Unspecified CNS	0	3	4	2	2	9	11	9.4	8.5	2.3	1.8	0	3	1	0	2	4	6	4.9	5.1		
IV NEUROBLASTOMA	5	6	3	0	0	14	14	16.3	12.6	1.1	0.9	9	4	0	0	2	13	15	16.6	14.2		
a. (Ganglio)neuroblastoma	5	6	3	0	0	14	14	16.3	12.6	1.2	1.2	8	4	0	0	0	12	12	15.3	11.9		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	2	1	3	1.3	2.3		
V RETINOBLASTOMA	5	3	0	0	0	8	8	9.6	7.5	1.6	1.6	2	3	0	0	0	5	5	6.4	4.9		
VI RENAL TUMOURS	1	2	1	0	1	4	5	4.6	4.2	0.3	0.3	4	8	4	0	0	16	16	19.6	15.2		
a. Nephroblastoma	1	2	1	0	0	4	4	4.6	3.6	0.3	0.3	4	8	3	0	0	15	15	18.6	14.4		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.6	0.0	1.0	0	0	1	0	0	1	1	1.1	0.8		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	0	0	0	0	1	1	1.2	0.9	1.0	0.5	1	0	0	0	1	1	2	1.3	1.6		
a. Hepatoblastoma	1	0	0	0	0	1	1	1.2	0.9	1.0	1.0	1	0	0	0	0	1	1	1.3	1.0		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	4	11	5	15	20	13.6	13.6	1.9	1.7	0	0	2	6	4	8	12	7.7	8.5		
a. Osteosarcoma	0	0	1	5	2	6	8	5.4	5.4	1.2	1.3	0	0	0	5	1	5	6	4.6	4.2		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.1	0.8		
c. Ewing & related	0	0	3	5	1	8	9	7.4	6.3	8.0	9.0	0	0	0	1	0	1	1	0.9	0.7		
d. Other specified	0	0	0	0	1	0	1	-	0.6	-	1.0	0	0	0	0	1	0	1	-	0.6		
e. Unspecified	0	0	0	1	1	1	2	0.9	1.3	1.0	0.7	0	0	1	0	2	1	3	1.1	2.1		
IX SOFT TISSUE SARCOMA	0	4	4	2	6	10	16	10.6	11.9	1.4	1.2	2	2	2	1	6	7	13	8.2	10.2		
a. Rhabdomyosarcoma	0	4	3	0	2	7	9	7.9	7.3	1.8	1.8	2	1	0	1	1	4	5	4.8	4.3		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	1	2	1.1	1.5		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	1	2	1	3	0.9	1.9	0.5	0.5	0	1	1	0	4	2	6	2.4	4.4		
e. Unspecified	0	0	1	1	1	2	3	1.9	2.1	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	2	2	1	3	21	8	29	8.4	19.4	1.0	2.1	0	1	2	5	6	8	14	8.0	10.1		
a. CNS germ cell	0	0	1	2	0	3	3	2.8	2.1	-	3.0	0	0	0	0	1	0	1	-	0.6		
b. Other extragonadal	0	1	0	0	0	1	1	1.2	0.9	1.0	1.0	0	1	0	0	0	1	1	1.3	1.0		
c. Gonadal germ cell	2	1	0	0	21	3	24	3.6	15.6	0.6	3.4	0	0	1	4	2	5	7	4.8	5.0		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.9	2.0		
e. Unspecified gonadal	0	0	0	1	0	1	1	0.9	0.7	1.0	0.5	0	0	1	0	1	2	1	1.1	1.5		
XI CARCINOMA & MELANOMA	0	0	1	6	17	7	24	6.2	15.2	0.5	0.6	0	0	5	9	27	14	41	13.7	28.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
b. Thyroid	0	0	0	2	7	2	9	1.7	5.6	0.5	0.4	0	0	2	2	17	4	21	4.0	14.1		
c. Nasopharyngeal	0	0	0	2	0	2	2	1.7	1.3	-	2.0	0	0	0	0	1	0	1	-	0.6		
d. Melanoma	0	0	0	2	1	2	3	1.7	2.0	0.2	0.3	0	0	2	7	3	9	12	8.6	8.6		
e. Skin carcinoma	0	0	0	0	2	0	2	-	1.2	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	0	7	1	8	1.0	5.1	1.0	1.3	0	0	1	0	5	1	6	1.1	4.1		
XII OTHER & UNSPECIFIED	1	0	1	0	0	2	2	2.2	1.7	-	2.0	0	0	0	0	1	0	1	-	0.6		
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
b. Other unspecified	1	0	1	0	0	2	2	2.2	1.7	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	18	70	64	55	110	207	317	218.6	236.6	1.1	1.1	25	59	49	62	98	195	293	217.2	231.6		

† includes 17 non-malignant in males and 11 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	65 086	61 426
	1-4	256 434	241 711
	5-9	318 466	299 745
	10-14	334 225	314 941
	15-19	368 440	348 289
Total	0-14	974 211	917 823
	0-19	1 342 651	1 266 112
Average annual population	0-14	54 123	50 990
	0-19	74 592	70 340

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