

## ITALY, Ragusa (1992-2012)

	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>	2	24	18	18	24	62	86	25.9	100.0	23.6	100.0	24.0	70.7	41.0	38.3	46.8	48.1	47.8	704	938	100.0	0.0	
a. Lymphoid	1	20	15	13	9	49	58	20.5	79.0	15.9	67.4	12.0	58.9	34.1	27.7	17.6	38.3	33.6	557	645	100.0	0.0	
b. Acute myeloid	0	3	3	2	5	8	13	3.3	12.9	3.6	15.1	-	8.8	6.8	4.3	9.8	6.2	7.0	91	140	100.0	0.0	
c. CMD	0	0	0	1	7	1	8	0.4	1.6	2.2	9.3	-	-	-	2.1	13.7	0.6	3.6	11	79	100.0	0.0	
d. MDS & other	0	1	0	0	1	1	2	0.4	1.6	0.5	2.3	-	2.9	-	-	2.0	0.9	1.1	12	22	100.0	0.0	
e. Unspecified	1	0	0	2	2	3	5	1.3	4.8	1.4	5.8	12.0	-	-	4.3	3.9	2.2	2.5	33	53	100.0	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	1	5	14	21	36	41	77	17.2	100.0	21.2	100.0	12.0	14.7	31.9	44.7	70.2	28.7	38.1	454	805	100.0	0.0	
a. Hodgkin	0	1	3	17	26	21	47	8.8	51.2	12.9	61.0	-	2.9	6.8	36.2	50.7	13.6	22.0	227	480	100.0	0.0	
b. Non-Hodgkin except BL	0	1	6	2	9	9	18	3.8	22.0	4.9	23.4	-	2.9	13.7	4.3	17.6	6.6	9.0	101	189	100.0	0.0	
c. Burkitt (BL)	0	0	4	2	1	6	7	2.5	14.6	1.9	9.1	-	-	9.1	4.3	2.0	4.2	3.7	67	77	100.0	0.0	
d. Lymphoreticular	1	3	0	0	4	4	7	1.7	9.8	1.1	5.2	12.0	8.8	-	-	-	3.7	2.8	47	47	100.0	0.0	
e. Unspecified	0	0	1	0	0	1	1	0.4	2.4	0.3	1.3	-	-	-	-	-	0.7	0.6	11	11	100.0	0.0	
<b>III CNS NEOPLASMS †</b>	2	18	18	25	22	63	85	26.4	100.0	23.4	100.0	24.0	53.0	41.0	53.2	42.9	47.0	46.1	707	922	67.1	0.0	
a. Ependymoma	0	3	0	1	1	4	5	1.7	6.3	1.4	5.9	-	8.8	-	2.1	2.0	3.4	3.0	46	56	100.0	0.0	
b. Astrocytoma	2	6	4	8	4	20	24	8.4	31.7	6.6	28.2	24.0	17.7	9.1	17.0	7.8	15.2	13.5	225	264	100.0	0.0	
c. CNS embryonal	0	3	4	1	0	8	8	3.3	12.7	2.2	9.4	-	8.8	9.1	2.1	-	6.3	4.9	92	92	100.0	0.0	
d. Other gliomas	0	2	1	2	1	5	6	2.1	7.9	1.6	7.1	-	5.9	2.3	4.3	2.0	3.8	3.4	56	66	66.7	0.0	
e. Other specified	0	0	4	8	9	12	21	5.0	19.0	5.8	24.7	-	-	9.1	17.0	17.6	7.9	10.1	131	218	71.4	0.0	
f. Unspecified CNS	0	4	5	5	7	14	21	5.9	22.2	5.8	24.7	-	11.8	11.4	10.6	13.7	10.4	11.1	157	226	4.8	0.0	
<b>IV NEUROBLASTOMA</b>	5	2	1	0	0	8	8	3.3	100.0	2.2	100.0	60.1	5.9	2.3	-	-	7.1	5.5	94	94	100.0	0.0	
a. (Ganglio)neuroblastoma	5	2	1	0	0	8	8	3.3	100.0	2.2	100.0	60.1	5.9	2.3	-	-	7.1	5.5	94	94	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>V RETINOBLASTOMA</b>	4	2	0	0	0	6	6	2.5	100.0	1.6	100.0	48.1	5.9	-	-	-	5.5	4.3	71	71	66.7	0.0	
<b>VI RENAL TUMOURS</b>	1	10	1	1	0	13	13	5.4	100.0	3.6	100.0	12.0	29.4	2.3	2.1	-	11.4	8.9	152	152	100.0	0.0	
a. Nephroblastoma	1	9	1	1	0	12	12	5.0	92.3	3.3	92.3	12.0	26.5	2.3	2.1	-	10.5	8.1	140	140	100.0	0.0	
b. Renal carcinoma	0	1	0	0	0	1	1	0.4	7.7	0.3	7.7	-	2.9	-	-	-	0.9	0.7	12	12	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	0	2	2	2	0	6	6	2.5	100.0	1.6	100.0	-	5.9	4.6	4.3	-	4.5	3.5	68	68	100.0	0.0	
a. Hepatoblastoma	0	2	1	1	0	4	4	1.7	66.7	1.1	66.7	-	5.9	2.3	2.1	-	3.2	2.5	46	46	100.0	0.0	
b. Hepatic carcinoma	0	0	1	1	0	2	2	0.8	33.3	0.5	33.3	-	-	2.3	2.1	-	1.4	1.0	22	22	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	0	1	3	5	4	9	13	3.8	100.0	3.6	100.0	-	2.9	6.8	10.6	7.8	6.2	6.6	99	138	92.3	0.0	
a. Osteosarcoma	0	1	1	2	1	4	5	1.7	44.4	1.4	38.5	-	2.9	2.3	4.3	2.0	2.9	2.7	44	54	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	2.0	-	0.4	-	10	10	100.0	0.0
c. Ewing & related	0	0	1	2	1	3	4	1.3	33.3	1.1	30.8	-	-	2.3	4.3	2.0	2.0	2.0	33	42	100.0	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	2.0	-	0.4	-	10	10	100.0	0.0
e. Unspecified	0	0	1	1	0	2	2	0.8	22.2	0.5	15.4	-	-	2.3	2.1	-	1.4	1.0	22	22	50.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	0	7	2	3	7	12	19	5.0	100.0	5.2	100.0	-	20.6	4.6	6.4	13.7	9.7	10.6	137	206	100.0	0.0	
a. Rhabdomyosarcoma	0	5	1	3	1	9	10	3.8	75.0	2.7	52.6	-	14.7	2.3	6.4	2.0	7.2	6.0	102	112	100.0	0.0	
b. Fibrosarcoma	0	0	1	0	0	1	1	0.4	8.3	0.3	5.3	-	-	2.3	-	-	0.7	0.6	11	11	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	1	0	0	4	1	5	0.4	8.3	1.4	26.3	-	2.9	-	-	7.8	0.9	2.5	12	51	100.0	0.0	
e. Unspecified	0	1	0	0	2	1	3	0.4	8.3	0.8	15.8	-	2.9	-	-	3.9	0.9	1.6	12	31	100.0	0.0	
<b>X GERM CELL TUMOURS</b>	1	6	2	1	8	10	18	4.2	100.0	4.9	100.0	12.0	17.7	4.6	2.1	15.6	8.5	10.1	116	194	94.4	0.0	
a. CNS germ cell ‡	0	1	1	0	0	2	2	0.8	20.0	0.5	11.1	-	2.9	2.3	-	-	1.6	1.3	23	23	100.0	0.0	
b. Other extragonadal	1	4	0	0	0	5	5	2.1	50.0	1.4	27.8	12.0	11.8	-	-	-	4.6	3.5	59	59	100.0	0.0	
c. Gonadal germ cell	0	1	1	1	7	3	10	1.3	30.0	2.7	55.6	-	2.9	2.3	2.1	13.7	2.3	4.8	34	102	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.3	5.6	-	-	-	-	2.0	-	0.4	-	10	10	0.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	0	6	22	6	28	2.5	100.0	7.7	100.0	-	-	-	12.8	42.9	3.7	12.5	64	278	100.0	0.0	
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.3	3.6	-	-	-	-	2.0	-	0.4	-	10	10	100.0	0.0
b. Thyroid	0	0	0	4	10	4	14	1.7	66.7	3.8	50.0	-	-	-	8.5	19.5	2.5	6.3	43	140	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	0	0	0	0	6	0	6	-	-	1.6	21.4	-	-	-	-	11.7	-	2.6	-	59	59	100.0	0.0
e. Skin carcinoma	0	0	0	0	2	0	2	-	-	0.5	7.1	-	-	-	-	3.9	-	0.9	-	20	20	100.0	0.0
f. Other & unspecified	0	0	0	2	3	2	5	0.8	33.3	1.4	17.9	-	-	-	4.3	5.9	1.2	2.3	21	51	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	2	2	3	5	1.3	100.0	1.4	100.0	-	2.9	-	4.3	3.9	2.2	2.5	33	53	20.0	0.0	
a. Other specified	0	1	0	0	0	1	1	0.4	33.3	0.3	20.0	-	2.9	-	-	-	0.9	0.7	12	12	100.0	0.0	
b. Other unspecified	0	0	0	2	2	2	4	0.8	66.7	1.1	80.0	-	-	-	4.3	3.9	1.2	1.8	21	41	0.0	0.0	
<b>TOTAL</b>	16	78	61	84	125	239	364	100.0	100.0	100.0	100.0	192.3	229.6	138.8	178.8	243.8	182.7	196.5	2699	3918	90.1	0.0	

† includes 41 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

## ITALY, Ragusa (1992-2012)

	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
<b>I LEUKAEMIA</b>	1	10	13	8	18	32	50	47.8	52.5	1.1	1.4	1	14	5	10	6	30	36	48.5	43.0		
a. Lymphoid	1	10	12	6	6	29	35	44.0	39.3	1.4	1.5	0	10	3	7	3	20	23	32.2	27.7		
b. Acute myeloid	0	0	1	1	3	2	5	2.6	4.6	0.3	0.6	0	3	2	1	2	6	8	9.9	9.5		
c. CMD	0	0	0	0	6	0	6	-	5.2	0.0	3.0	0	0	0	1	1	1	2	1.3	1.9		
d. MDS & other	0	0	0	0	1	0	1	-	0.9	0.0	1.0	0	1	0	0	0	1	1	1.9	1.5		
e. Unspecified	0	0	0	1	2	1	3	1.2	2.7	0.5	1.5	1	0	0	1	0	2	2	3.2	2.4		
<b>II LYMPHOMA &amp; RELATED</b>	0	3	12	11	19	26	45	35.8	44.1	1.7	1.4	1	2	2	10	17	15	32	21.3	31.8		
a. Hodgkin	0	1	3	8	11	12	23	15.7	21.6	1.3	1.0	0	0	0	9	15	9	24	11.4	22.3		
b. Non-Hodgkin except BL	0	1	5	1	7	7	14	10.1	13.9	3.5	3.5	0	0	1	1	2	2	4	2.8	3.9		
c. Burkitt (BL)	0	0	4	2	1	6	7	8.1	7.2	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	1	0	0	0	1	1	1.8	1.4	0.3	0.3	1	2	0	0	0	3	3	5.7	4.4		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.5	1.2		
<b>III CNS NEOPLASMS †</b>	1	12	14	12	7	39	46	57.6	50.7	1.6	1.2	1	6	4	13	15	24	39	35.7	41.1		
a. Ependymoma	0	3	0	1	0	4	4	6.5	5.1	-	4.0	0	0	0	1	0	1	1	-	0.9		
b. Astrocytoma	1	4	4	2	2	11	13	17.0	14.9	1.2	1.2	1	2	0	6	2	9	11	13.3	12.1		
c. CNS embryonal	0	2	4	1	0	7	7	10.5	8.1	7.0	7.0	0	1	0	0	0	1	1	1.9	1.5		
d. Other gliomas	0	1	1	0	0	2	2	3.2	2.5	0.7	0.5	0	1	0	2	1	3	4	4.4	4.3		
e. Other specified	0	0	2	5	3	7	10	8.9	9.5	1.4	0.9	0	0	2	3	6	5	11	6.8	10.7		
f. Unspecified CNS	0	2	3	3	2	8	10	11.5	10.6	1.3	0.9	0	2	2	2	5	6	11	9.3	11.7		
<b>IV NEUROBLASTOMA</b>	4	1	0	0	0	5	5	8.9	6.9	1.7	1.7	1	1	1	0	0	3	3	5.3	4.1		
a. (Ganglio)neuroblastoma	4	1	0	0	0	5	5	8.9	6.9	1.7	1.7	1	1	1	0	0	3	3	5.3	4.1		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	1	2	0	0	0	3	3	5.3	4.1	1.0	1.0	3	0	0	0	0	3	3	5.7	4.4		
<b>VI RENAL TUMOURS</b>	1	3	1	1	0	6	6	9.8	7.6	0.9	0.9	0	7	0	0	0	7	7	13.2	10.2		
a. Nephroblastoma	1	3	1	1	0	6	6	9.8	7.6	1.0	1.0	0	6	0	0	0	6	6	11.3	8.8		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.9	1.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	0	1	1	2	0	4	4	5.6	4.4	2.0	2.0	0	1	1	0	0	2	2	3.4	2.6		
a. Hepatoblastoma	0	1	0	1	0	2	2	3.0	2.3	1.0	1.0	0	1	1	0	0	2	2	3.4	2.6		
b. Hepatic carcinoma	0	0	1	1	0	2	2	2.6	2.0	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	1	2	2	3	5	3.8	4.7	0.5	0.6	0	1	2	3	2	6	8	8.7	8.5		
a. Osteosarcoma	0	0	1	1	0	2	2	2.6	2.0	1.0	0.7	0	1	0	1	1	2	3	3.2	3.3		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.9	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	0	1	0	1	-	0.9	0.0	0.3	0	0	1	2	0	3	3	4.0	3.1		
d. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.9		
e. Unspecified	0	0	0	1	0	1	1	1.2	0.9	1.0	1.0	0	0	1	0	0	1	1	1.5	1.2		
<b>IX SOFT TISSUE SARCOMA</b>	0	4	1	1	3	6	9	9.8	10.1	1.0	0.9	0	3	1	2	4	6	10	9.7	11.1		
a. Rhabdomyosarcoma	0	3	1	1	0	5	5	8.0	6.2	1.3	1.0	0	2	0	2	1	4	5	6.3	5.8		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.5	1.2		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	0	0	2	1	3	1.8	3.1	-	1.5	0	0	0	0	2	0	2	-	1.8		
e. Unspecified	0	0	0	0	1	0	1	-	0.9	0.0	0.5	0	1	0	0	1	1	2	1.9	2.4		
<b>X GERM CELL TUMOURS</b>	0	2	1	0	6	3	9	5.0	9.0	0.4	1.0	1	4	1	1	2	7	9	12.2	11.2		
a. CNS germ cell ‡	0	1	1	0	0	2	2	3.2	2.5	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	1	0	0	0	1	1	1.8	1.4	0.3	0.3	1	3	0	0	0	4	4	7.5	5.8		
c. Gonadal germ cell	0	0	0	0	5	0	5	-	4.3	0.0	1.0	0	1	1	1	2	3	5	4.7	5.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.9	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	0	3	7	3	10	3.6	8.8	1.0	0.6	0	0	0	3	15	3	18	3.8	16.4		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.9		
b. Thyroid	0	0	0	1	1	1	2	1.2	1.8	0.3	0.2	0	0	0	3	9	3	12	3.8	11.0		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	4	0	4	-	3.4	-	2.0	0	0	0	0	2	0	2	-	1.8		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.8		
f. Other & unspecified	0	0	0	2	2	2	4	2.4	3.6	-	4.0	0	0	0	0	1	0	1	-	0.9		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	1	1	1	2	1.2	1.8	0.5	0.7	0	1	0	1	1	2	3	3.2	3.3		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.9	1.5		
b. Other unspecified	0	0	0	1	1	1	2	1.2	1.8	1.0	1.0	0	0	0	1	1	1	2	1.3	1.9		
<b>TOTAL</b>	8	38	44	41	63	131	194	194.3	204.7	1.2	1.1	8	40	17	43	62	108	170	170.6	187.8		

† includes 22 non-malignant in males and 19 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

## ITALY, Ragusa (1992-2012)

	Age group	Males	Females
Person-years	0	42 755	40 468
	1-4	174 776	164 893
	5-9	225 263	214 131
	10-14	240 863	229 047
	15-19	261 700	251 047
Total	0-14	683 657	648 539
	0-19	945 357	899 586
Average annual population	0-14	32 555	30 883
	0-19	45 017	42 837

Please consult the quality indicators for this registry