

ITALY, Varese (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	
I LEUKAEMIA	8	65	43	21	30	137	167	30.0	100.0	24.9	100.0	50.7	103.4	55.4	26.4	33.9	61.4	55.2	873	1042	98.8	0.0	
a. Lymphoid	4	60	36	16	20	116	136	25.4	84.7	20.2	81.4	25.3	95.4	46.3	20.1	22.6	52.3	45.6	739	852	98.5	0.0	
b. Acute myeloid	3	4	5	3	7	15	22	3.3	10.9	3.3	13.2	19.0	6.4	6.4	3.8	7.9	6.6	6.9	96	135	100.0	0.0	
c. CMD	0	0	1	1	2	2	4	0.4	1.5	0.6	2.4	-	-	1.3	1.3	2.3	0.8	1.1	13	24	100.0	0.0	
d. MDS & other	1	0	0	0	0	1	1	0.2	0.7	0.1	0.6	6.3	-	-	-	-	0.5	0.4	6	6	100.0	0.0	
e. Unspecified	0	1	1	1	1	3	4	0.7	2.2	0.6	2.4	-	1.6	1.3	1.3	1.1	1.3	1.2	19	25	100.0	0.0	
II LYMPHOMA & RELATED	3	14	23	42	76	82	158	18.0	100.0	23.5	100.0	19.0	22.3	29.6	52.7	85.9	33.2	45.1	520	949	100.0	0.0	
a. Hodgkin	0	1	5	30	48	36	84	7.9	43.9	12.5	53.2	-	1.6	6.4	37.7	54.2	13.5	22.7	227	498	100.0	0.0	
b. Non-Hodgkin except BL	0	6	10	11	25	27	52	5.9	32.9	7.7	32.9	-	9.5	12.9	13.8	28.3	11.1	15.0	172	313	100.0	0.0	
c. Burkitt (BL)	0	2	7	1	1	10	11	2.2	12.2	1.6	7.0	-	3.2	9.0	1.3	1.1	4.3	3.6	64	70	100.0	0.0	
d. Lymphoreticular	3	4	1	0	2	8	10	1.8	9.8	1.5	6.3	19.0	6.4	1.3	-	2.3	3.9	3.5	51	62	100.0	0.0	
e. Unspecified	0	1	0	0	0	1	1	0.2	1.2	0.1	0.6	-	1.6	-	-	-	0.5	0.4	6	6	100.0	0.0	
III CNS NEOPLASMS †	3	27	31	26	21	87	108	19.1	100.0	16.1	100.0	19.0	42.9	39.9	32.6	23.7	37.1	34.1	553	672	88.0	0.9	
a. Ependymoma	1	3	3	1	2	8	10	1.8	9.2	1.5	9.3	6.3	4.8	3.9	1.3	2.3	3.6	3.3	51	62	100.0	0.0	
b. Astrocytoma	2	13	15	10	11	40	51	8.8	46.0	7.6	47.2	12.7	20.7	19.3	12.6	12.4	17.3	16.2	255	317	96.1	0.0	
c. CNS embryonal	0	5	10	6	1	21	22	4.6	24.1	3.3	20.4	-	8.0	12.9	7.5	1.1	8.8	7.1	134	139	100.0	0.0	
d. Other gliomas	0	5	2	8	3	15	18	3.3	17.2	2.7	16.7	-	8.0	2.6	10.0	3.4	6.2	5.6	95	112	55.6	0.0	
e. Other specified	0	0	1	0	2	1	3	0.2	1.1	0.4	2.8	-	-	1.3	-	2.3	0.4	0.8	6	18	100.0	0.0	
f. Unspecified CNS	0	1	0	1	2	2	4	0.4	2.3	0.6	3.7	-	1.6	-	1.3	2.3	0.9	1.2	13	24	25.0	25.0	
IV NEUROBLASTOMA	12	12	7	0	0	31	31	6.8	100.0	4.6	100.0	76.0	19.1	9.0	-	-	14.7	11.4	198	198	96.8	0.0	
a. (Ganglio)neuroblastoma	12	12	7	0	0	31	31	6.8	100.0	4.6	100.0	76.0	19.1	9.0	-	-	14.7	11.4	198	198	96.8	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	6	5	1	0	0	12	12	2.6	100.0	1.8	100.0	38.0	8.0	1.3	-	-	5.8	4.5	76	76	50.0	0.0	
VI RENAL TUMOURS	3	14	11	0	0	28	28	6.1	100.0	4.2	100.0	19.0	22.3	14.2	-	-	12.9	10.0	179	179	96.4	0.0	
a. Nephroblastoma	3	14	9	0	0	26	26	5.7	92.9	3.9	92.9	19.0	22.3	11.6	-	-	12.1	9.4	166	166	96.2	0.0	
b. Renal carcinoma	0	0	2	0	0	2	2	0.4	7.1	0.3	7.1	-	-	2.6	-	-	0.8	0.6	13	13	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	2	1	0	0	4	4	0.9	100.0	0.6	100.0	6.3	3.2	1.3	-	-	1.9	1.5	26	26	100.0	0.0	
a. Hepatoblastoma	1	2	0	0	0	3	3	0.7	75.0	0.4	75.0	6.3	3.2	-	-	-	1.5	1.1	19	19	100.0	0.0	
b. Hepatic carcinoma	0	0	1	0	0	1	1	0.2	25.0	0.1	25.0	-	-	1.3	-	-	0.4	0.3	6	6	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	2	3	16	9	21	30	4.6	100.0	4.5	100.0	-	3.2	3.9	20.1	10.2	8.1	8.5	132	183	100.0	0.0	
a. Osteosarcoma	0	0	0	10	7	10	17	2.2	47.6	2.5	56.7	-	-	-	12.6	7.9	3.6	4.6	63	102	100.0	0.0	
b. Chondrosarcoma	0	0	0	1	0	1	1	0.2	4.8	0.1	3.3	-	-	-	1.3	-	0.4	0.3	6	6	100.0	0.0	
c. Ewing & related	0	2	3	5	2	10	12	2.2	47.6	1.8	40.0	-	3.2	3.9	6.3	2.3	4.1	3.6	63	75	100.0	0.0	
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	2	8	3	12	20	25	45	5.5	100.0	6.7	100.0	12.7	12.7	3.9	15.1	22.6	10.5	13.3	158	271	100.0	0.0	
a. Rhabdomyosarcoma	1	7	2	6	8	16	24	3.5	64.0	3.6	53.3	6.3	11.1	2.6	7.5	9.0	7.0	7.4	101	147	100.0	0.0	
b. Fibrosarcoma	0	0	0	1	0	1	1	0.2	4.0	0.1	2.2	-	-	-	1.3	-	0.4	0.3	6	6	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.1	2.2	-	-	-	-	1.1	-	0.3	-	6	6	100.0	0.0
d. Other specified	1	1	0	4	9	6	15	1.3	24.0	2.2	33.3	6.3	1.6	-	5.0	10.2	2.4	4.2	38	89	100.0	0.0	
e. Unspecified	0	0	1	1	2	2	4	0.4	8.0	0.6	8.9	-	-	1.3	1.3	2.3	0.8	1.1	13	24	100.0	0.0	
X GERM CELL TUMOURS	2	5	0	4	23	11	34	2.4	100.0	5.1	100.0	12.7	8.0	-	5.0	26.0	4.9	9.6	70	200	100.0	0.0	
a. CNS germ cell	0	0	0	2	4	2	6	0.4	18.2	0.9	17.6	-	-	-	2.5	4.5	0.7	1.6	13	35	100.0	0.0	
b. Other extragonadal	2	3	0	0	0	5	5	1.1	45.5	0.7	14.7	12.7	4.8	-	-	-	2.5	1.9	32	32	100.0	0.0	
c. Gonadal germ cell	0	2	0	2	19	4	23	0.9	36.4	3.4	67.6	-	3.2	-	2.5	21.5	1.7	6.2	25	133	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
XI CARCINOMA & MELANOMA	1	0	3	14	35	18	53	3.9	100.0	7.9	100.0	6.3	-	3.9	17.6	39.6	6.8	14.2	114	311	98.1	0.0	
a. Adrenocortical	1	0	0	0	0	1	1	0.2	5.6	0.1	1.9	6.3	-	-	-	-	0.5	0.4	6	6	100.0	0.0	
b. Thyroid	0	0	1	7	12	8	20	1.8	44.4	3.0	37.7	-	-	1.3	8.8	13.6	3.0	5.3	50	118	95.0	0.0	
c. Nasopharyngeal	0	0	0	1	1	1	2	0.2	5.6	0.3	3.8	-	-	-	1.3	1.1	0.4	0.5	6	12	100.0	0.0	
d. Melanoma	0	0	0	1	5	1	6	0.2	5.6	0.9	11.3	-	-	-	1.3	5.7	0.4	1.6	6	35	100.0	0.0	
e. Skin carcinoma	0	0	2	2	8	4	12	0.9	22.2	1.8	22.6	-	-	2.6	2.5	9.0	1.6	3.2	25	71	100.0	0.0	
f. Other & unspecified	0	0	0	3	9	3	12	0.7	16.7	1.8	22.6	-	-	-	3.8	10.2	1.1	3.1	19	70	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	0	0	2	0	2	-	-	0.3	100.0	-	-	-	-	2.3	-	0.5	-	11	50.0	0.0	
a. Other specified	0	0	0	0	1	0	1	-	-	0.1	50.0	-	-	-	-	1.1	-	0.3	-	6	100.0	0.0	
b. Other unspecified	0	0	0	0	1	0	1	-	-	0.1	50.0	-	-	-	-	1.1	-	0.3	-	6	0.0	0.0	
TOTAL	41	154	126	135	216	456	672	100.0	100.0	100.0	100.0	259.6	245.0	162.2	169.4	244.1	197.5	208.0	2898	4118	96.3	0.1	

† includes 34 non-malignant

Please consult the quality indicators for this registry

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	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	3	34	20	14	18	71	89	61.6	56.7	1.1	1.1	5	31	23	7	12	66	78	61.2	53.7		
a. Lymphoid	2	31	15	9	15	57	72	50.2	46.3	1.0	1.1	2	29	21	7	5	59	64	54.5	44.8		
b. Acute myeloid	1	2	4	3	1	10	11	8.2	6.9	2.0	1.0	2	2	1	0	6	5	11	4.9	6.9		
c. CMD	0	0	0	1	1	1	2	0.7	1.0	1.0	1.0	0	0	1	0	1	1	2	0.9	1.2		
d. MDS & other	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.0	0.8		
e. Unspecified	0	1	1	1	1	3	4	2.5	2.4	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	2	8	14	23	41	47	88	37.3	49.2	1.3	1.3	1	6	9	19	35	35	70	29.0	40.7		
a. Hodgkin	0	0	3	15	22	18	40	13.1	21.0	1.0	0.9	0	1	2	15	26	18	44	13.9	24.4		
b. Non-Hodgkin except BL	0	4	5	7	17	16	33	12.9	18.4	1.5	1.7	0	2	5	4	8	11	19	9.3	11.4		
c. Burkitt (BL)	0	2	6	1	1	9	10	7.5	6.3	9.0	10.0	0	0	1	0	0	1	1	0.9	0.7		
d. Lymphoreticular	2	2	0	0	1	4	5	3.8	3.5	1.0	1.0	1	2	1	0	1	4	5	3.9	3.5		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.0	0.8		
III CNS NEOPLASMS †	2	13	21	19	11	55	66	44.9	40.2	1.7	1.6	1	14	10	7	10	32	42	28.9	27.6		
a. Ependymoma	0	3	2	1	1	6	7	5.2	4.5	3.0	2.3	1	0	1	0	1	2	3	1.9	2.0		
b. Astrocytoma	2	4	10	7	6	23	29	18.8	17.6	1.4	1.3	0	9	5	3	5	17	22	15.6	14.7		
c. CNS embryonal	0	4	7	3	1	14	15	11.6	9.5	2.0	2.1	0	1	3	3	0	7	7	5.8	4.5		
d. Other gliomas	0	2	2	7	1	11	12	8.5	7.1	2.8	2.0	0	3	0	1	2	4	6	3.8	4.0		
e. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	2	1	3	0.9	1.7		
f. Unspecified CNS	0	0	0	1	2	1	3	0.7	1.5	1.0	3.0	0	1	0	0	0	1	1	1.0	0.8		
IV NEUROBLASTOMA	8	5	1	0	0	14	14	13.3	10.3	0.8	0.8	4	7	6	0	0	17	17	16.2	12.6		
a. (Ganglio)neuroblastoma	8	5	1	0	0	14	14	13.3	10.3	0.8	0.8	4	7	6	0	0	17	17	16.2	12.6		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	1	1	0	0	4	4	3.7	2.9	0.5	0.5	4	4	0	0	0	8	8	8.1	6.3		
VI RENAL TUMOURS	1	5	3	0	0	9	9	8.2	6.3	0.5	0.5	2	9	8	0	0	19	19	17.9	13.9		
a. Nephroblastoma	1	5	2	0	0	8	8	7.4	5.7	0.4	0.4	2	9	7	0	0	18	18	17.1	13.2		
b. Renal carcinoma	0	0	1	0	0	1	1	0.8	0.6	1.0	1.0	0	0	1	0	0	1	1	0.9	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	1	0	0	0	1	1	1.0	0.7	0.3	0.3	1	1	1	0	0	3	3	2.9	2.2		
a. Hepatoblastoma	0	1	0	0	0	1	1	1.0	0.7	0.5	0.5	1	1	0	0	0	2	2	2.0	1.6		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.9	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	2	0	11	6	13	19	9.7	10.5	1.6	1.7	0	0	3	5	3	8	11	6.3	6.4		
a. Osteosarcoma	0	0	0	7	5	7	12	5.0	6.3	2.3	2.4	0	0	0	3	2	3	5	2.2	2.8		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.7	0.6	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	2	0	3	1	5	6	4.0	3.6	1.0	1.0	0	0	3	2	1	5	6	4.1	3.7		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	5	3	4	8	13	21	11.0	12.5	1.1	0.9	1	3	0	8	12	12	24	10.0	14.0		
a. Rhabdomyosarcoma	1	5	2	4	4	12	16	10.2	9.9	3.0	2.0	0	2	0	2	4	4	8	3.5	4.8		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.7	0.6		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	2	0	2	-	1.0	0.0	0.2	1	1	0	4	7	6	13	5.0	7.5		
e. Unspecified	0	0	1	0	1	1	2	0.8	1.1	1.0	1.0	0	0	0	1	1	1	2	0.7	1.1		
X GERM CELL TUMOURS	0	2	0	0	20	2	22	1.9	11.4	0.2	1.8	2	3	0	4	3	9	12	8.0	7.8		
a. CNS germ cell	0	0	0	0	4	0	4	-	2.0	0.0	2.0	0	0	0	2	0	2	2	1.5	1.2		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	2	3	0	0	0	5	5	5.1	3.9		
c. Gonadal germ cell	0	2	0	0	16	2	18	1.9	9.4	1.0	3.6	0	0	0	2	3	2	5	1.5	2.7		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	1	0	2	8	15	11	26	8.3	13.8	1.6	1.0	0	0	1	6	20	7	27	5.3	14.6		
a. Adrenocortical	1	0	0	0	0	1	1	1.0	0.7	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	5	4	5	9	3.5	4.7	1.7	0.8	0	0	1	2	8	3	11	2.3	6.0		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.7	1.0	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	2	0	2	-	1.0	0.0	0.5	0	0	0	1	3	1	4	0.7	2.1		
e. Skin carcinoma	0	0	2	0	3	2	5	1.6	2.7	1.0	0.7	0	0	0	2	5	2	7	1.5	3.8		
f. Other & unspecified	0	0	0	2	5	2	7	1.4	3.6	2.0	1.4	0	0	0	1	4	1	5	0.7	2.7		
XII OTHER & UNSPECIFIED	0	0	0	0	2	0	2	-	1.0	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	20	76	65	79	121	240	361	200.8	215.6	1.1	1.2	21	78	61	56	95	216	311	194.0	199.9		

† includes 19 non-malignant in males and 15 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	81 128	76 790
	1-4	322 410	306 248
	5-9	398 165	378 574
	10-14	409 052	387 751
	15-19	453 803	431 091
Total	0-14	1 210 755	1 149 363
	0-19	1 664 558	1 580 454
Average annual population	0-14	57 655	54 732
	0-19	79 265	75 260

Please consult the quality indicators for this registry