

ITALY, Naples (1996-2012)

	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	ASR	0-19			0-14	0-19
I LEUKAEMIA	3	57	34	31	39	125	164	26.7	100.0	22.6	100.0	20.2	93.5	43.0	37.9	45.0	55.5	53.1	800	1025	98.8	0.0	
a. Lymphoid	2	44	27	17	15	90	105	19.2	72.0	14.4	64.0	13.5	72.2	34.2	20.8	17.3	40.5	35.3	578	665	100.0	0.0	
b. Acute myeloid	0	5	7	11	14	23	37	4.9	18.4	5.1	22.6	-	8.2	8.9	13.5	16.1	9.3	10.9	145	225	100.0	0.0	
c. CMD	0	2	0	2	6	4	10	0.9	3.2	1.4	6.1	-	3.3	-	2.4	6.9	1.7	2.9	25	60	100.0	0.0	
d. MDS & other	0	4	0	1	2	5	7	1.1	4.0	1.0	4.3	-	6.6	-	1.2	2.3	2.4	2.4	32	44	100.0	0.0	
e. Unspecified	1	2	0	0	2	3	5	0.6	2.4	0.7	3.0	6.7	3.3	-	-	2.3	1.5	1.7	20	31	60.0	0.0	
II LYMPHOMA & RELATED	1	10	15	31	72	57	129	12.2	100.0	17.7	100.0	6.7	16.4	19.0	37.9	83.0	22.7	36.3	357	772	99.2	0.0	
a. Hodgkin	0	1	4	22	52	27	79	5.8	47.4	10.9	61.2	-	1.6	5.1	26.9	60.0	10.0	21.2	166	466	100.0	0.0	
b. Non-Hodgkin except BL	0	2	4	7	15	13	28	2.8	22.8	3.9	21.7	-	3.3	5.1	8.6	17.3	5.1	7.9	81	168	100.0	0.0	
c. Burkitt (BL)	0	4	6	2	1	12	13	2.6	21.1	1.8	10.1	-	6.6	7.6	2.4	1.2	5.2	4.3	77	82	100.0	0.0	
d. Lymphoreticular	1	2	1	0	3	4	7	0.9	7.0	1.0	5.4	6.7	3.3	1.3	-	3.5	1.9	2.3	26	43	100.0	0.0	
e. Unspecified	0	1	0	0	1	1	2	0.2	1.8	0.3	1.6	-	1.6	-	-	1.2	0.5	0.7	7	12	50.0	0.0	
III CNS NEOPLASMS †	8	40	46	26	21	120	141	25.6	100.0	19.4	100.0	53.8	65.6	58.2	31.8	24.2	52.5	46.1	766	888	83.0	0.7	
a. Ependymoma	2	5	5	0	1	12	13	2.6	10.0	1.8	9.2	13.5	8.2	6.3	-	1.2	5.6	4.6	78	84	100.0	0.0	
b. Astrocytoma	2	17	18	12	5	49	54	10.4	40.8	7.4	38.3	13.5	27.9	22.8	14.7	5.8	21.3	17.8	313	341	100.0	0.0	
c. CNS embryonal	0	8	9	3	2	20	22	4.3	16.7	3.0	15.6	-	13.1	11.4	3.7	2.3	8.8	7.4	128	140	100.0	0.0	
d. Other gliomas	1	1	3	2	3	7	10	1.5	5.8	1.4	7.1	6.7	1.6	3.8	2.4	3.5	3.0	3.1	44	62	90.0	0.0	
e. Other specified	1	3	5	5	5	14	19	3.0	11.7	2.6	13.5	6.7	4.9	6.3	6.1	5.8	5.9	5.8	89	117	89.5	0.0	
f. Unspecified CNS	2	6	6	4	5	18	23	3.8	15.0	3.2	16.3	13.5	9.8	7.6	4.9	5.8	8.0	7.5	115	144	8.7	4.3	
IV NEUROBLASTOMA	13	21	6	1	1	41	42	8.7	100.0	5.8	100.0	87.5	34.4	7.6	1.2	1.2	20.2	15.9	268	274	100.0	0.0	
a. (Ganglio)neuroblastoma	13	20	6	1	1	40	41	8.5	97.6	5.6	97.6	87.5	32.8	7.6	1.2	1.2	19.7	15.5	262	267	100.0	0.0	
b. Peripheral nervous	0	1	0	0	0	1	1	0.2	2.4	0.1	2.4	-	1.6	-	-	-	0.5	0.4	7	7	100.0	0.0	
V RETINOBLASTOMA	8	5	0	0	0	13	13	2.8	100.0	1.8	100.0	53.8	8.2	-	-	-	6.6	5.1	86	86	76.9	0.0	
VI RENAL TUMOURS	2	6	9	0	0	17	17	3.6	100.0	2.3	100.0	13.5	9.8	11.4	-	-	7.8	6.0	110	110	94.1	0.0	
a. Nephroblastoma	1	6	9	0	0	16	16	3.4	94.1	2.2	94.1	6.7	9.8	11.4	-	-	7.2	5.6	103	103	100.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	1	0	0	0	0	1	1	0.2	5.9	0.1	5.9	6.7	-	-	-	-	0.5	0.4	7	7	0.0	0.0	
VII HEPATIC TUMOURS	1	2	0	0	2	3	5	0.6	100.0	0.7	100.0	6.7	3.3	-	-	2.3	1.5	1.7	20	31	80.0	0.0	
a. Hepatoblastoma	1	1	0	0	0	2	2	0.4	66.7	0.3	40.0	6.7	1.6	-	-	-	1.0	0.8	13	13	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.3	40.0	-	-	-	-	2.3	-	0.5	-	12	12	100.0	0.0
c. Unspecified	0	1	0	0	0	1	1	0.2	33.3	0.1	20.0	-	1.6	-	-	-	0.5	0.4	7	7	0.0	0.0	
VIII BONE TUMOURS	0	3	8	15	12	26	38	5.5	100.0	5.2	100.0	-	4.9	10.1	18.3	13.8	10.1	11.0	162	231	97.4	0.0	
a. Osteosarcoma	0	0	5	7	3	12	15	2.6	46.2	2.1	39.5	-	-	6.3	8.6	3.5	4.5	4.3	74	92	100.0	0.0	
b. Chondrosarcoma	0	0	0	1	1	1	2	0.2	3.8	0.3	5.3	-	-	-	1.2	1.2	0.4	0.5	6	12	100.0	0.0	
c. Ewing & related	0	3	3	6	7	12	19	2.6	46.2	2.6	50.0	-	4.9	3.8	7.3	8.1	4.9	5.6	75	116	100.0	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.1	2.6	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
e. Unspecified	0	0	0	1	0	1	1	0.2	3.8	0.1	2.6	-	-	-	1.2	-	0.4	0.3	6	6	0.0	0.0	
IX SOFT TISSUE SARCOMA	3	4	4	8	11	19	30	4.1	100.0	4.1	100.0	20.2	6.6	5.1	9.8	12.7	8.0	9.1	120	184	100.0	0.0	
a. Rhabdomyosarcoma	0	2	2	3	1	7	8	1.5	36.8	1.1	26.7	-	3.3	2.5	3.7	1.2	2.9	2.5	44	50	100.0	0.0	
b. Fibrosarcoma	1	0	0	4	1	5	6	1.1	26.3	0.8	20.0	6.7	-	-	4.9	1.2	1.9	1.8	31	37	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	2	2	1	9	6	15	1.3	31.6	2.1	50.0	6.7	3.3	2.5	1.2	10.4	2.7	4.4	39	90	100.0	0.0	
e. Unspecified	1	0	0	0	0	1	1	0.2	5.3	0.1	3.3	6.7	-	-	-	-	0.5	0.4	7	7	100.0	0.0	
X GERM CELL TUMOURS	2	4	3	7	23	16	39	3.4	100.0	5.4	100.0	13.5	6.6	3.8	8.6	26.5	6.8	11.2	101	234	97.4	0.0	
a. CNS germ cell ‡	2	2	1	3	2	8	10	1.7	50.0	1.4	25.6	13.5	3.3	1.3	3.7	2.3	3.5	3.2	51	63	100.0	0.0	
b. Other extragonadal	0	2	0	0	2	2	4	0.4	12.5	0.6	10.3	-	3.3	-	-	2.3	1.0	1.3	13	25	75.0	0.0	
c. Gonadal germ cell	0	0	1	3	19	4	23	0.9	25.0	3.2	59.0	-	-	1.3	3.7	21.9	1.5	6.1	25	134	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	0	0	1	1	0	2	2	0.4	12.5	0.3	5.1	-	-	1.3	1.2	-	0.8	0.6	12	12	100.0	0.0	
XI CARCINOMA & MELANOMA	0	1	3	22	73	26	99	5.5	100.0	13.6	100.0	-	1.6	3.8	26.9	84.2	9.5	26.3	160	581	100.0	0.0	
a. Adrenocortical	0	0	0	1	0	1	1	0.2	3.8	0.1	1.0	-	-	-	1.2	-	0.4	0.3	6	6	100.0	0.0	
b. Thyroid	0	0	1	13	39	14	53	3.0	53.8	7.3	53.5	-	-	1.3	15.9	45.0	5.0	14.0	86	311	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	4	1	5	0.2	3.8	0.7	5.1	-	-	-	1.2	4.6	0.4	1.3	6	29	100.0	0.0	
d. Melanoma	0	1	1	3	12	5	17	1.1	19.2	2.3	17.2	-	1.6	1.3	3.7	13.8	2.0	4.7	31	100	100.0	0.0	
e. Skin carcinoma	0	0	0	0	4	0	4	-	-	0.6	4.0	-	-	-	-	4.6	-	1.0	-	23	23	100.0	0.0
f. Other & unspecified	0	0	1	4	14	5	19	1.1	19.2	2.6	19.2	-	-	1.3	4.9	16.1	1.8	5.1	31	112	100.0	0.0	
XII OTHER & UNSPECIFIED	2	3	0	1	4	6	10	1.3	100.0	1.4	100.0	13.5	4.9	-	1.2	4.6	2.9	3.3	39	62	20.0	0.0	
a. Other specified	0	0	0	0	2	0	2	-	-	0.3	20.0	-	-	-	-	2.3	-	0.5	-	12	12	100.0	0.0
b. Other unspecified	2	3	0	1	2	6	8	1.3	100.0	1.1	80.0	13.5	4.9	-	1.2	2.3	2.9	2.8	39	51	0.0	0.0	
TOTAL	43	156	128	142	258	469	727	100.0	100.0	100.0	100.0	289.4	255.9	161.9	173.6	297.6	204.2	225.2	2990	4478	94.2	0.1	

† includes 68 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

ITALY, Naples (1996-2012)

	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	2	27	19	18	28	66	94	56.5	58.0	1.1	1.3	1	30	15	13	11	59	70	54.5	48.1				
a. Lymphoid	1	22	16	11	14	50	64	43.3	40.7	1.3	1.6	1	22	11	6	1	40	41	37.7	29.7				
b. Acute myeloid	0	3	3	5	7	11	18	8.8	10.4	0.9	0.9	0	2	4	6	7	12	19	9.8	11.3				
c. CMD	0	1	0	1	3	2	5	1.7	2.8	1.0	1.0	0	1	0	1	3	2	5	1.8	3.0				
d. MDS & other	0	1	0	1	2	2	4	1.7	2.3	0.7	1.3	0	3	0	0	0	3	3	3.1	2.4				
e. Unspecified	1	0	0	0	2	1	3	1.0	1.8	0.5	1.5	0	2	0	0	0	2	2	2.1	1.6				
II LYMPHOMA & RELATED	1	3	9	20	36	33	69	25.0	37.7	1.4	1.1	0	7	6	11	36	24	60	20.4	34.8				
a. Hodgkin	0	1	1	13	22	15	37	10.8	19.6	1.3	0.9	0	0	3	9	30	12	42	9.1	22.9				
b. Non-Hodgkin except BL	0	1	3	5	11	9	20	6.9	10.9	2.3	2.5	0	1	1	2	4	4	8	3.3	4.7				
c. Burkitt (BL)	0	1	5	2	0	8	8	6.4	4.9	2.0	1.6	0	3	1	0	1	4	5	4.0	3.6				
d. Lymphoreticular	1	0	0	0	2	1	3	1.0	1.8	0.3	0.8	0	2	1	0	1	3	4	2.9	2.8				
e. Unspecified	0	0	0	0	1	0	1	-	0.5	0.0	1.0	0	1	0	0	0	1	1	1.0	0.8				
III CNS NEOPLASMS †	5	15	27	12	10	59	69	49.7	43.6	1.0	1.0	3	25	19	14	11	61	72	55.4	48.8				
a. Ependymoma	2	2	5	0	0	9	9	8.0	6.2	3.0	2.3	0	3	0	0	1	3	4	3.1	3.0				
b. Astrocytoma	0	9	8	4	4	21	25	18.1	16.1	0.8	0.9	2	8	10	8	1	28	29	24.7	19.6				
c. CNS embryonal	0	2	5	2	1	9	10	7.4	6.2	0.8	0.8	0	6	4	1	1	11	12	10.4	8.6				
d. Other gliomas	0	1	1	0	1	2	3	1.8	1.9	0.4	0.4	1	0	2	2	2	5	7	4.2	4.3				
e. Other specified	1	0	3	4	2	8	10	6.2	5.8	1.3	1.1	0	3	2	1	3	6	9	5.5	5.9				
f. Unspecified CNS	2	1	5	2	2	10	12	8.4	7.5	1.3	1.1	0	5	1	2	3	8	11	7.5	7.4				
IV NEUROBLASTOMA	7	15	5	1	0	28	28	26.6	20.6	2.2	2.0	6	6	1	0	1	13	14	13.4	10.9				
a. (Ganglio)neuroblastoma	7	14	5	1	0	27	27	25.6	19.8	2.1	1.9	6	6	1	0	1	13	14	13.4	10.9				
b. Peripheral nervous	0	1	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	4	3	0	0	0	7	7	7.0	5.4	1.2	1.2	4	2	0	0	0	6	6	6.3	4.9				
VI RENAL TUMOURS	0	3	5	0	0	8	8	7.0	5.4	0.9	0.9	2	3	4	0	0	9	9	8.6	6.7				
a. Nephroblastoma	0	3	5	0	0	8	8	7.0	5.4	1.0	1.0	1	3	4	0	0	8	8	7.5	5.8				
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.0	0.8				
VII HEPATIC TUMOURS	1	2	0	0	1	3	4	3.0	2.8	-	4.0	0	0	0	0	1	0	1	-	0.5				
a. Hepatoblastoma	1	1	0	0	0	2	2	2.0	1.5	-	-	0	0	0	0	0	0	0	-	-				
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.5	-	1.0	0	0	0	0	1	0	1	-	0.5				
c. Unspecified	0	1	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	1	6	8	11	15	26	11.3	14.4	1.4	2.2	0	2	2	7	1	11	12	8.9	7.4				
a. Osteosarcoma	0	0	3	2	3	5	8	3.8	4.5	0.7	1.1	0	0	2	5	0	7	7	5.3	4.1				
b. Chondrosarcoma	0	0	0	1	1	1	2	0.7	1.0	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	1	3	4	6	8	14	6.2	7.8	2.0	2.8	0	2	0	2	1	4	5	3.5	3.3				
d. Other specified	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	0	0	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-				
IX SOFT TISSUE SARCOMA	2	3	2	5	5	12	17	10.0	10.3	1.7	1.3	1	1	2	3	6	7	13	6.0	7.8				
a. Rhabdomyosarcoma	0	2	2	1	1	5	6	4.3	3.8	2.5	3.0	0	0	0	2	0	2	2	1.5	1.1				
b. Fibrosarcoma	0	0	0	3	0	3	3	2.1	1.6	1.5	1.0	1	0	0	1	1	2	3	1.8	1.9				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	1	1	0	1	4	3	7	2.7	4.1	1.0	0.9	0	1	2	0	5	3	8	2.7	4.8				
e. Unspecified	1	0	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-				
X GERM CELL TUMOURS	1	3	0	4	15	8	23	6.8	12.9	1.0	1.4	1	1	3	3	8	8	16	6.8	9.5				
a. CNS germ cell ‡	1	2	0	2	2	5	7	4.4	4.4	1.7	2.3	1	0	1	1	0	3	3	2.6	2.0				
b. Other extragonadal	0	1	0	0	0	1	1	1.0	0.8	1.0	0.3	0	1	0	0	2	1	3	1.0	1.9				
c. Gonadal germ cell	0	0	0	1	13	1	14	0.7	7.2	0.3	1.6	0	0	1	2	6	3	9	2.3	5.0				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified gonadal	0	0	0	1	0	1	1	0.7	0.5	1.0	1.0	0	0	1	0	0	1	1	0.8	0.6				
XI CARCINOMA & MELANOMA	0	0	1	12	21	13	34	9.1	17.8	1.0	0.5	0	1	2	10	52	13	65	10.0	35.3				
a. Adrenocortical	0	0	0	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	0	7	6	7	13	4.9	6.8	1.0	0.3	0	0	1	6	33	7	40	5.2	21.5				
c. Nasopharyngeal	0	0	0	1	0	1	1	0.7	0.5	-	0.3	0	0	0	0	4	0	4	-	2.1				
d. Melanoma	0	0	1	1	5	2	7	1.5	3.7	0.7	0.7	0	1	0	2	7	3	10	2.5	5.6				
e. Skin carcinoma	0	0	0	0	3	0	3	-	1.5	-	3.0	0	0	0	0	1	0	1	-	0.5				
f. Other & unspecified	0	0	0	2	7	2	9	1.4	4.6	0.7	0.9	0	0	1	2	7	3	10	2.3	5.5				
XII OTHER & UNSPECIFIED	2	3	0	1	1	6	7	5.7	4.9	-	2.3	0	0	0	0	3	0	3	-	1.6				
a. Other specified	0	0	0	0	1	0	1	-	0.5	-	1.0	0	0	0	0	1	0	1	-	0.5				
b. Other unspecified	2	3	0	1	0	6	6	5.7	4.4	-	3.0	0	0	0	0	2	0	2	-	1.1				
TOTAL	25	78	74	81	128	258	386	217.7	233.9	1.2	1.1	18	78	54	61	130	211	341	190.1	216.2				

† includes 31 non-malignant in males and 37 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

ITALY, Naples (1996-2012)

	Age group	Males	Females
Person-years	0	76 069	72 529
	1-4	312 664	296 923
	5-9	405 176	385 350
	10-14	418 383	399 383
	15-19	441 978	424 994
Total	0-14	1 212 292	1 154 185
	0-19	1 654 270	1 579 179
Average annual population	0-14	71 311	67 893
	0-19	97 310	92 893

Please consult the quality indicators for this registry