

ITALY, Parma (1992-2013)

	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
I LEUKAEMIA	6	23	18	16	11	63	74	28.6	100.0	22.8	100.0	81.3	77.7	51.0	45.7	29.0	60.1	53.1	876	1020	100.0	0.0
a. Lymphoid	2	17	15	10	7	44	51	20.0	69.8	15.7	68.9	27.1	57.4	42.5	28.6	18.4	41.9	36.6	612	704	100.0	0.0
b. Acute myeloid	1	3	2	3	1	9	10	4.1	14.3	3.1	13.5	13.6	10.1	5.7	8.6	2.6	8.5	7.2	125	138	100.0	0.0
c. CMD	2	1	1	2	1	6	7	2.7	9.5	2.2	9.5	27.1	3.4	2.8	5.7	2.6	5.7	5.0	83	96	100.0	0.0
d. MDS & other	0	1	0	0	0	1	1	0.5	1.6	0.3	1.4	-	3.4	-	-	-	1.0	0.8	14	14	100.0	0.0
e. Unspecified	1	1	0	1	2	3	5	1.4	4.8	1.5	6.8	13.6	3.4	-	2.9	5.3	2.9	3.5	41	68	100.0	0.0
II LYMPHOMA & RELATED	1	2	9	15	24	27	51	12.3	100.0	15.7	100.0	13.6	6.8	25.5	42.9	63.2	23.8	32.7	382	698	100.0	0.0
a. Hodgkin	0	0	3	3	21	6	27	2.7	22.2	8.3	52.9	-	-	8.5	8.6	55.3	5.2	16.5	85	362	100.0	0.0
b. Non-Hodgkin except BL	0	1	4	10	2	15	17	6.8	55.6	5.2	33.3	-	3.4	11.3	28.6	5.3	13.0	11.3	213	239	100.0	0.0
c. Burkitt (BL)	0	1	1	0	0	2	2	0.9	7.4	0.6	3.9	-	3.4	2.8	-	-	2.0	1.5	28	28	100.0	0.0
d. Lymphoreticular	1	0	1	0	0	2	2	0.9	7.4	0.6	3.9	13.6	-	2.8	-	-	2.0	1.5	28	28	100.0	0.0
e. Unspecified	0	0	0	2	1	2	3	0.9	7.4	0.9	5.9	-	-	-	5.7	2.6	1.7	1.9	29	42	100.0	0.0
III CNS NEOPLASMS †	3	17	17	16	7	53	60	24.1	100.0	18.5	100.0	40.7	57.4	48.1	45.7	18.4	49.7	42.7	740	832	81.7	0.0
a. Ependymoma	0	2	0	0	1	2	3	0.9	3.8	0.9	5.0	-	6.8	-	-	2.6	2.1	2.2	27	40	100.0	0.0
b. Astrocytoma	1	5	10	8	2	24	26	10.9	45.3	8.0	43.3	13.6	16.9	28.3	22.9	5.3	22.1	18.3	337	363	100.0	0.0
c. CNS embryonal	1	5	3	1	1	10	11	4.5	18.9	3.4	18.3	13.6	16.9	8.5	2.9	2.6	9.8	8.2	138	151	90.9	0.0
d. Other gliomas	0	2	0	1	1	3	4	1.4	5.7	1.2	6.7	-	6.8	-	2.9	2.6	2.9	2.9	41	54	50.0	0.0
e. Other specified	0	1	3	3	1	7	8	3.2	13.2	2.5	13.3	-	3.4	8.5	8.6	2.6	6.3	5.5	99	112	87.5	0.0
f. Unspecified CNS	1	2	1	3	1	7	8	3.2	13.2	2.5	13.3	13.6	6.8	2.8	8.6	2.6	6.5	5.7	98	111	12.5	0.0
IV NEUROBLASTOMA	6	7	1	0	0	14	14	6.4	100.0	4.3	100.0	81.3	23.6	2.8	-	-	14.5	11.3	190	190	100.0	0.0
a. (Ganglio)neuroblastoma	6	7	1	0	0	14	14	6.4	100.0	4.3	100.0	81.3	23.6	2.8	-	-	14.5	11.3	190	190	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	3	0	0	0	0	3	3	1.4	100.0	0.9	100.0	40.7	-	-	-	-	3.1	2.4	41	41	66.7	0.0
VI RENAL TUMOURS	2	8	0	0	0	10	10	4.5	100.0	3.1	100.0	27.1	27.0	-	-	-	10.5	8.1	135	135	100.0	0.0
a. Nephroblastoma	2	8	0	0	0	10	10	4.5	100.0	3.1	100.0	27.1	27.0	-	-	-	10.5	8.1	135	135	100.0	0.0
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	3	1	0	0	2	4	6	1.8	100.0	1.8	100.0	40.7	3.4	-	-	5.3	4.2	4.4	54	80	83.3	0.0
a. Hepatoblastoma	3	1	0	0	0	4	4	1.8	100.0	1.2	66.7	40.7	3.4	-	-	-	4.2	3.2	54	54	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.6	33.3	-	-	-	-	5.3	-	1.2	-	26	50.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	5	8	6	14	20	6.4	100.0	6.2	100.0	-	3.4	14.2	22.9	15.8	12.3	13.1	199	278	100.0	0.0
a. Osteosarcoma	0	0	3	3	3	6	9	2.7	42.9	2.8	45.0	-	-	8.5	8.6	7.9	5.2	5.8	85	125	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	1	5	2	6	8	2.7	42.9	2.5	40.0	-	-	2.8	14.3	5.3	5.1	5.1	86	112	100.0	0.0
d. Other specified	0	1	1	0	1	2	3	0.9	14.3	0.9	15.0	-	3.4	2.8	-	2.6	2.0	2.1	28	41	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	2	2	2	6	9	12	21	5.5	100.0	6.5	100.0	27.1	6.8	5.7	17.2	23.7	11.0	13.9	168	287	100.0	0.0
a. Rhabdomyosarcoma	2	0	1	3	2	6	8	2.7	50.0	2.5	38.1	27.1	-	2.8	8.6	5.3	5.5	5.4	84	110	100.0	0.0
b. Fibrosarcoma	0	0	0	1	1	1	2	0.5	8.3	0.6	9.5	-	-	-	2.9	2.6	0.8	1.2	14	27	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	2	0	1	6	3	9	1.4	25.0	2.8	42.9	-	6.8	-	2.9	15.8	2.9	5.8	41	120	100.0	0.0
e. Unspecified	0	0	1	1	0	2	2	0.9	16.7	0.6	9.5	-	-	2.8	2.9	-	1.7	1.4	28	28	100.0	0.0
X GERM CELL TUMOURS	2	2	1	5	11	10	21	4.5	100.0	6.5	100.0	27.1	6.8	2.8	14.3	29.0	9.2	13.7	140	285	100.0	0.0
a. CNS germ cell	0	0	0	2	0	2	2	0.9	20.0	0.6	9.5	-	-	-	5.7	-	1.7	1.3	29	29	100.0	0.0
b. Other extragonadal	1	2	0	0	0	3	3	1.4	30.0	0.9	14.3	13.6	6.8	-	-	-	3.1	2.4	41	41	100.0	0.0
c. Gonadal germ cell	0	0	1	3	11	4	15	1.8	40.0	4.6	71.4	-	-	2.8	8.6	29.0	3.4	9.2	57	202	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	1	0	0	0	0	1	1	0.5	10.0	0.3	4.8	13.6	-	-	-	-	1.0	0.8	14	14	100.0	0.0
XI CARCINOMA & MELANOMA	0	1	1	7	34	9	43	4.1	100.0	13.2	100.0	-	3.4	2.8	20.0	89.5	7.8	26.2	128	575	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.5	11.1	0.3	2.3	-	3.4	-	-	-	1.0	0.8	14	14	100.0	0.0
b. Thyroid	0	0	1	0	16	1	17	0.5	11.1	5.2	39.5	-	-	2.8	-	42.1	0.9	10.2	14	225	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	0	0	5	10	5	15	2.3	55.6	4.6	34.9	-	-	-	14.3	26.3	4.1	9.1	71	203	100.0	0.0
e. Skin carcinoma	0	0	0	1	4	1	5	0.5	11.1	1.5	11.6	-	-	-	2.9	10.5	0.8	3.0	14	67	100.0	0.0
f. Other & unspecified	0	0	0	1	4	1	5	0.5	11.1	1.5	11.6	-	-	-	2.9	10.5	0.8	3.0	14	67	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	1	0	1	1	2	0.5	100.0	0.6	100.0	-	-	2.8	-	2.6	0.9	1.3	14	27	50.0	0.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	0	1	0	1	1	2	0.5	100.0	0.6	100.0	-	-	2.8	-	2.6	0.9	1.3	14	27	50.0	0.0
TOTAL	28	64	55	73	105	220	325	100.0	100.0	100.0	100.0	379.4	216.2	155.7	208.7	276.5	207.1	222.7	3066	4448	95.7	0.0

† includes 23 non-malignant

Please consult the quality indicators for this registry

ITALY, Parma (1992-2013)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	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			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	5	16	7	8	5	36	41	67.9	58.3	1.3	1.2	1	7	11	8	6	27	33	51.8	47.5		
a. Lymphoid	2	12	5	5	5	24	29	45.3	40.8	1.2	1.3	0	5	10	5	2	20	22	38.2	32.1		
b. Acute myeloid	1	3	2	1	0	7	7	13.3	10.3	3.5	2.3	0	0	0	2	1	2	3	3.4	3.9		
c. CMD	1	1	0	2	0	4	4	7.3	5.6	2.0	1.3	1	0	1	0	1	2	3	4.0	4.4		
d. MDS & other	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	2.2	1.7		
e. Unspecified	1	0	0	0	0	1	1	2.0	1.6	0.5	0.3	0	1	0	1	2	2	4	3.9	5.5		
II LYMPHOMA & RELATED	1	2	5	7	12	15	27	26.2	34.0	1.3	1.1	0	0	4	8	12	12	24	21.3	31.2		
a. Hodgkin	0	0	1	1	10	2	12	3.4	14.0	0.5	0.8	0	0	2	2	11	4	15	7.2	19.1		
b. Non-Hodgkin except BL	0	1	3	5	1	9	10	15.4	13.1	1.5	1.4	0	0	1	5	1	6	7	10.5	9.3		
c. Burkitt (BL)	0	1	1	0	0	2	2	3.8	2.9	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	1	0	0	0	0	1	1	2.0	1.6	1.0	1.0	0	0	1	0	0	1	1	1.9	1.5		
e. Unspecified	0	0	0	1	1	1	2	1.6	2.4	1.0	2.0	0	0	0	1	0	1	1	1.7	1.3		
III CNS NEOPLASMS †	1	6	10	7	2	24	26	43.2	35.7	0.8	0.8	2	11	7	9	5	29	34	56.7	50.1		
a. Ependymoma	0	2	0	0	0	2	2	4.1	3.1	-	2.0	0	0	0	0	1	0	1	-	1.2		
b. Astrocytoma	0	0	5	3	2	8	10	13.7	12.9	0.5	0.6	1	5	5	5	0	16	16	31.0	24.0		
c. CNS embryonal	0	2	2	0	0	4	4	7.6	5.9	0.7	0.6	1	3	1	1	1	6	7	12.2	10.7		
d. Other gliomas	0	1	0	1	0	2	2	3.6	2.8	2.0	1.0	0	1	0	0	1	1	2	2.2	2.9		
e. Other specified	0	0	3	2	0	5	5	8.5	6.6	2.5	1.7	0	1	0	1	1	2	3	3.9	4.2		
f. Unspecified CNS	1	1	0	1	0	3	3	5.7	4.4	0.8	0.6	0	1	1	2	1	4	5	7.5	7.0		
IV NEUROBLASTOMA	4	4	1	0	0	9	9	18.0	14.0	1.8	1.8	2	3	0	0	0	5	5	10.8	8.4		
a. (Ganglio)neuroblastoma	4	4	1	0	0	9	9	18.0	14.0	1.8	1.8	2	3	0	0	0	5	5	10.8	8.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	1	0	0	0	0	1	1	2.0	1.6	0.5	0.5	2	0	0	0	0	2	2	4.3	3.3		
VI RENAL TUMOURS	1	3	0	0	0	4	4	8.1	6.3	0.7	0.7	1	5	0	0	0	6	6	13.0	10.0		
a. Nephroblastoma	1	3	0	0	0	4	4	8.1	6.3	0.7	0.7	1	5	0	0	0	6	6	13.0	10.0		
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	0	0	0	-	-		
VII HEPATIC TUMOURS	3	0	0	0	0	3	3	6.1	4.7	3.0	1.0	0	1	0	0	2	1	3	2.2	4.1		
a. Hepatoblastoma	3	0	0	0	0	3	3	6.1	4.7	3.0	3.0	0	1	0	0	0	1	1	2.2	1.7		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	2.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	3	3	5	7	12	12.2	15.1	1.0	1.5	0	0	2	5	1	7	8	12.3	10.8		
a. Osteosarcoma	0	0	2	2	3	4	7	6.8	8.7	2.0	3.5	0	0	1	1	0	2	2	3.6	2.8		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	1	2	2	4	3.4	4.9	0.5	1.0	0	0	0	4	0	4	4	6.9	5.3		
d. Other specified	0	1	0	0	0	1	1	2.0	1.6	1.0	0.5	0	0	1	0	1	1	2	1.9	2.7		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	2	2	2	3	3	9	12	16.5	16.2	3.0	1.3	0	0	0	3	6	3	9	5.1	11.4		
a. Rhabdomyosarcoma	2	0	1	2	1	5	6	9.0	8.2	5.0	3.0	0	0	0	1	1	1	2	1.7	2.6		
b. Fibrosarcoma	0	0	0	0	1	0	1	-	1.1	0.0	1.0	0	0	0	1	0	1	1	1.7	1.3		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	0	0	1	2	3	4.1	4.3	2.0	0.5	0	0	0	1	5	1	6	1.7	7.5		
e. Unspecified	0	0	1	1	0	2	2	3.4	2.6	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	1	0	0	3	11	4	15	6.9	17.9	0.7	2.5	1	2	1	2	0	6	6	11.8	9.1		
a. CNS germ cell	0	0	0	2	0	2	2	3.2	2.5	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	1	2	0	0	0	3	3	6.5	5.0		
c. Gonadal germ cell	0	0	0	1	11	1	12	1.6	13.8	0.3	4.0	0	0	1	2	0	3	3	5.3	4.1		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	1	0	0	0	0	1	1	2.0	1.6	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	0	3	12	3	15	4.8	17.5	0.5	0.5	0	1	1	4	22	6	28	10.9	35.5		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	2.2	1.7		
b. Thyroid	0	0	0	0	6	0	6	-	6.9	0.0	0.5	0	0	1	0	10	1	11	1.9	13.8		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	3	4	3	7	4.8	8.3	1.5	0.9	0	0	0	2	6	2	8	3.4	10.0		
e. Skin carcinoma	0	0	0	0	2	0	2	-	2.3	0.0	0.7	0	0	0	1	2	1	3	1.7	3.8		
f. Other & unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	1.7	6.3		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	1.1	0.0	1.0	0	0	1	0	0	1	1	1.9	1.5		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	1	0	1	-	1.1	0.0	1.0	0	0	1	0	0	1	1	1.9	1.5		
TOTAL	19	34	28	34	51	115	166	211.9	222.5	1.1	1.0	9	30	27	39	54	105	159	202.0	223.0		

† includes 7 non-malignant in males and 16 non-malignant in females

Please consult the quality indicators for this registry

ITALY, Parma (1992-2013)

	Age group	Males	Females
Person-years	0	38 064	35 735
	1-4	152 636	143 420
	5-9	182 267	170 956
	10-14	180 396	169 424
	15-19	196 880	182 805
Total	0-14	553 363	519 535
	0-19	750 243	702 340
Average annual population	0-14	25 153	23 615
	0-19	34 102	31 925

Please consult the quality indicators for this registry