

ITALY, Reggio Emilia (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		
I LEUKAEMIA	1	34	24	9	12	68	80	32.9	100.0	25.6	100.0	12.0	103.1	62.6	25.1	33.4	60.2	54.2	862	1029	100.0	0.0
a. Lymphoid	1	27	21	7	6	56	62	27.1	82.4	19.8	77.5	12.0	81.8	54.7	19.5	16.7	49.5	42.2	710	794	100.0	0.0
b. Acute myeloid	0	6	3	0	3	9	12	4.3	13.2	3.8	15.0	-	18.2	7.8	-	8.4	8.1	8.2	112	153	100.0	0.0
c. CMD	0	0	0	2	2	2	4	1.0	2.9	1.3	5.0	-	-	-	5.6	5.6	1.6	2.5	28	56	100.0	0.0
d. MDS & other	0	0	0	0	1	0	1	-	-	0.3	1.3	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
e. Unspecified	0	1	0	0	0	1	1	0.5	1.5	0.3	1.3	-	3.0	-	-	-	0.9	0.7	12	12	100.0	0.0
II LYMPHOMA & RELATED	0	4	11	21	28	36	64	17.4	100.0	20.4	100.0	-	12.1	28.7	58.5	78.0	30.0	40.8	484	875	100.0	0.0
a. Hodgkin	0	0	2	11	20	13	33	6.3	36.1	10.5	51.6	-	-	5.2	30.7	55.7	10.6	20.7	179	458	100.0	0.0
b. Non-Hodgkin except BL	0	1	5	7	7	13	20	6.3	36.1	6.4	31.3	-	3.0	13.0	19.5	19.5	10.8	12.8	175	272	100.0	0.0
c. Burkitt (BL)	0	0	2	2	1	4	5	1.9	11.1	1.6	7.8	-	-	5.2	5.6	2.8	3.3	3.2	54	68	100.0	0.0
d. Lymphoreticular	0	3	2	1	0	6	6	2.9	16.7	1.9	9.4	-	9.1	5.2	2.8	-	5.3	4.1	76	76	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	2	15	15	12	13	44	57	21.3	100.0	18.2	100.0	24.0	45.5	39.1	33.4	36.2	38.2	37.8	568	750	86.0	1.8
a. Ependymoma	0	0	2	1	0	3	3	1.4	6.8	1.0	5.3	-	-	5.2	2.8	-	2.5	1.9	40	40	100.0	0.0
b. Astrocytoma	1	7	7	3	5	18	23	8.7	40.9	7.3	40.4	12.0	21.2	18.2	8.4	13.9	15.8	15.4	230	299	91.3	0.0
c. CNS embryonal	0	2	2	4	4	8	12	3.9	18.2	3.8	21.1	-	6.1	5.2	11.1	11.1	6.8	7.8	106	162	100.0	0.0
d. Other gliomas	0	3	1	0	0	4	4	1.9	9.1	1.3	7.0	-	9.1	2.6	-	-	3.7	2.8	49	49	50.0	0.0
e. Other specified	1	1	3	3	3	8	11	3.9	18.2	3.5	19.3	12.0	3.0	7.8	8.4	8.4	6.8	7.2	105	147	100.0	0.0
f. Unspecified CNS	0	2	0	1	1	3	4	1.4	6.8	1.3	7.0	-	6.1	-	2.8	2.8	2.7	2.7	38	52	0.0	25.0
IV NEUROBLASTOMA	9	8	0	0	0	17	17	8.2	100.0	5.4	100.0	107.9	24.3	-	-	-	15.9	12.3	206	206	94.1	0.0
a. (Ganglio)neuroblastoma	9	8	0	0	0	17	17	8.2	100.0	5.4	100.0	107.9	24.3	-	-	-	15.9	12.3	206	206	94.1	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	2	1	0	0	0	3	3	1.4	100.0	1.0	100.0	24.0	3.0	-	-	-	2.8	2.2	36	36	100.0	0.0
VI RENAL TUMOURS	3	6	0	0	1	9	10	4.3	100.0	3.2	100.0	36.0	18.2	-	-	2.8	8.4	7.2	109	123	100.0	0.0
a. Nephroblastoma	3	6	0	0	0	9	9	4.3	100.0	2.9	90.0	36.0	18.2	-	-	-	8.4	6.5	109	109	100.0	0.0
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.3	10.0	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	1	1	0	2	0	4	4	1.9	100.0	1.3	100.0	12.0	3.0	-	5.6	-	3.5	2.7	52	52	100.0	0.0
a. Hepatoblastoma	1	1	0	1	0	3	3	1.4	75.0	1.0	75.0	12.0	3.0	-	2.8	-	2.7	2.1	38	38	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.5	25.0	0.3	25.0	-	-	-	2.8	-	0.8	0.6	14	14	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	2	2	5	12	9	21	4.3	100.0	6.7	100.0	-	6.1	5.2	13.9	33.4	7.6	13.4	120	287	95.2	0.0
a. Osteosarcoma	0	1	1	1	4	3	7	1.4	33.3	2.2	33.3	-	3.0	2.6	2.8	11.1	2.6	4.5	39	95	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.3	4.8	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
c. Ewing & related	0	1	1	3	6	5	11	2.4	55.6	3.5	52.4	-	3.0	2.6	8.4	16.7	4.2	7.0	67	151	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	1	1	1	2	0.5	11.1	0.6	9.5	-	-	-	2.8	2.8	0.8	1.3	14	28	50.0	0.0
IX SOFT TISSUE SARCOMA	1	2	1	3	5	7	12	3.4	100.0	3.8	100.0	12.0	6.1	2.6	8.4	13.9	6.1	7.8	91	161	100.0	0.0
a. Rhabdomyosarcoma	0	2	0	0	0	2	2	1.0	28.6	0.6	16.7	-	6.1	-	-	-	1.9	1.5	24	24	100.0	0.0
b. Fibrosarcoma	0	0	0	0	2	0	2	-	-	0.6	16.7	-	-	-	-	5.6	-	1.3	-	28	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	0	3	3	3	6	1.4	42.9	1.9	50.0	-	-	-	8.4	8.4	2.4	3.8	42	84	100.0	0.0
e. Unspecified	1	0	1	0	0	2	2	1.0	28.6	0.6	16.7	12.0	-	2.6	-	-	1.8	1.4	25	25	100.0	0.0
X GERM CELL TUMOURS	0	0	1	2	9	3	12	1.4	100.0	3.8	100.0	-	-	2.6	5.6	25.1	2.5	7.5	41	166	100.0	0.0
a. CNS germ cell	0	0	0	1	1	1	2	0.5	33.3	0.6	16.7	-	-	-	2.8	2.8	0.8	1.3	14	28	100.0	0.0
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Gonadal germ cell	0	0	1	1	8	2	10	1.0	66.7	3.2	83.3	-	-	2.6	2.8	22.3	1.6	6.3	27	138	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	0	0	3	4	25	7	32	3.4	100.0	10.2	100.0	-	-	7.8	11.1	69.7	5.8	20.1	95	443	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	1	1	10	2	12	1.0	28.6	3.8	37.5	-	-	2.6	2.8	27.9	1.6	7.5	27	166	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	0	1	3	9	4	13	1.9	57.1	4.2	40.6	-	-	2.6	8.4	25.1	3.3	8.2	55	180	100.0	0.0
e. Skin carcinoma	0	0	0	0	4	0	4	-	-	1.3	12.5	-	-	-	-	11.1	-	2.5	-	56	100.0	0.0
f. Other & unspecified	0	0	1	0	2	1	3	0.5	14.3	1.0	9.4	-	-	2.6	-	5.6	0.8	1.9	13	41	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	-	0.3	100.0	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
a. Other specified	0	0	0	0	1	0	1	-	-	0.3	100.0	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	19	73	57	58	106	207	313	100.0	100.0	100.0	100.0	227.8	221.3	148.6	161.6	295.4	181.0	206.8	2664	4141	96.8	0.3

† includes 26 non-malignant

Please consult the quality indicators for this registry

ITALY, Reggio Emilia (1996-2012)

	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
I LEUKAEMIA	1	22	13	5	7	41	48	70.7	63.3	1.5	1.5	0	12	11	4	5	27	32	49.1	44.5		
a. Lymphoid	1	18	11	4	5	34	39	58.7	51.5	1.5	1.7	0	9	10	3	1	22	23	39.8	32.2		
b. Acute myeloid	0	3	2	0	1	5	6	8.7	8.0	1.3	1.0	0	3	1	0	2	4	6	7.5	8.5		
c. CMD	0	0	0	1	1	1	2	1.6	2.4	1.0	1.0	0	0	0	1	1	1	2	1.7	2.6		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.3		
e. Unspecified	0	1	0	0	0	1	1	1.8	1.4	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	0	2	6	14	19	22	41	35.3	50.3	1.6	1.8	0	2	5	7	9	14	23	24.3	30.6		
a. Hodgkin	0	0	1	6	14	7	21	11.0	25.5	1.2	1.8	0	0	1	5	6	6	12	10.1	15.7		
b. Non-Hodgkin except BL	0	0	2	6	4	8	12	12.7	14.6	1.6	1.5	0	1	3	1	3	5	8	8.8	10.8		
c. Burkitt (BL)	0	0	2	1	1	3	4	4.8	4.9	3.0	4.0	0	0	0	1	0	1	1	1.7	1.3		
d. Lymphoreticular	0	2	1	1	0	4	4	6.8	5.3	2.0	2.0	0	1	1	0	0	2	2	3.7	2.8		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	1	10	7	9	5	27	32	45.5	41.3	1.6	1.3	1	5	8	3	8	17	25	30.6	34.1		
a. Ependymoma	0	0	1	1	0	2	2	3.2	2.5	2.0	2.0	0	0	1	0	0	1	1	1.7	1.3		
b. Astrocytoma	0	7	3	3	1	13	14	22.3	18.5	2.6	1.6	1	0	4	0	4	5	9	8.9	12.1		
c. CNS embryonal	0	1	2	3	2	6	8	9.8	10.0	3.0	2.0	0	1	0	1	2	2	4	3.6	5.4		
d. Other gliomas	0	1	1	0	0	2	2	3.4	2.7	1.0	1.0	0	2	0	0	0	2	2	3.9	3.0		
e. Other specified	1	1	0	1	2	3	5	5.2	6.4	0.6	0.8	0	0	3	2	1	5	6	8.6	7.9		
f. Unspecified CNS	0	0	0	1	0	1	1	1.6	1.2	0.5	0.3	0	2	0	0	1	2	3	3.9	4.3		
IV NEUROBLASTOMA	3	3	0	0	0	6	6	10.9	8.4	0.5	0.5	6	5	0	0	0	11	11	21.3	16.5		
a. (Ganglio)neuroblastoma	3	3	0	0	0	6	6	10.9	8.4	0.5	0.5	6	5	0	0	0	11	11	21.3	16.5		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	0	0	0	0	2	2	3.6	2.8	2.0	2.0	0	1	0	0	0	1	1	1.9	1.5		
VI RENAL TUMOURS	1	3	0	1	4	4	5	7.3	6.8	0.8	1.0	2	3	0	0	0	5	5	9.7	7.5		
a. Nephroblastoma	1	3	0	0	0	4	4	7.3	5.6	0.8	0.8	2	3	0	0	0	5	5	9.7	7.5		
b. Renal carcinoma	0	0	0	0	1	0	1	-	1.2	-	-	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	1	1	0	2	0	4	4	6.8	5.2	-	-	0	0	0	0	0	0	0	-	-		
a. Hepatoblastoma	1	1	0	1	0	3	3	5.2	4.0	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	1	0	1	1	1.6	1.2	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	2	5	8	8	16	12.9	19.7	8.0	3.2	0	1	0	0	4	1	5	1.9	6.7		
a. Osteosarcoma	0	0	1	1	4	2	6	3.2	7.3	2.0	6.0	0	1	0	0	0	1	1	1.9	1.5		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	1.2	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	1	1	3	3	5	8	8.1	9.9	-	2.7	0	0	0	0	3	0	3	-	3.9		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	1	1	0	1	1	1.6	1.2	-	1.0	0	0	0	0	1	0	1	-	1.3		
IX SOFT TISSUE SARCOMA	1	0	1	3	2	5	7	8.1	8.7	2.5	1.4	0	2	0	0	3	2	5	3.9	6.9		
a. Rhabdomyosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	2	0	0	0	2	2	3.9	3.0		
b. Fibrosarcoma	0	0	0	0	1	0	1	-	1.2	-	1.0	0	0	0	0	1	0	1	-	1.3		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	3	1	3	4	4.7	4.8	-	2.0	0	0	0	0	2	0	2	-	2.6		
e. Unspecified	1	0	1	0	0	2	2	3.4	2.7	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	0	0	0	1	8	1	9	1.6	10.9	0.5	3.0	0	0	1	1	1	2	3	3.4	3.9		
a. CNS germ cell	0	0	0	1	1	1	2	1.6	2.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	0	0	0	0	7	0	7	-	8.5	0.0	2.3	0	0	1	1	1	2	3	3.4	3.9		
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	0	0	1	1	10	2	12	3.2	14.6	0.4	0.6	0	0	2	3	15	5	20	8.5	26.1		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	3	0	3	-	3.6	0.0	0.3	0	0	1	1	7	2	9	3.4	11.8		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	1	6	1	7	1.6	8.5	0.3	1.2	0	0	1	2	3	3	6	5.1	7.9		
e. Skin carcinoma	0	0	0	0	1	0	1	-	1.2	-	0.3	0	0	0	0	3	0	3	-	3.9		
f. Other & unspecified	0	0	1	0	0	1	1	1.6	1.3	-	0.5	0	0	0	0	2	0	2	-	2.6		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.3		
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.3		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	10	42	30	40	60	122	182	205.9	232.0	1.4	1.4	9	31	27	18	46	85	131	154.5	179.7		

† includes 13 non-malignant in males and 13 non-malignant in females

Please consult the quality indicators for this registry

ITALY, Reggio Emilia (1996-2012)

	Age group	Males	Females
Person-years	0	43 003	40 409
	1-4	170 202	159 685
	5-9	198 289	185 373
	10-14	185 376	173 445
	15-19	186 238	172 538
Total	0-14	596 870	558 912
	0-19	783 108	731 450
Average annual population	0-14	35 110	32 877
	0-19	46 065	43 026

Please consult the quality indicators for this registry