

ITALY, Veneto (1992-2009)

	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	14	145	92	66	67	317	384	30.6	100.0	23.6	100.0	33.9	89.7	46.9	33.2	30.3	55.1	49.5	792	944	95.1	0.5	
a. Lymphoid	2	127	77	48	31	254	285	24.5	80.1	17.5	74.2	4.8	78.6	39.2	24.2	14.0	44.3	37.5	635	705	95.4	0.0	
b. Acute myeloid	8	14	12	11	22	45	67	4.3	14.2	4.1	17.4	19.4	8.7	6.1	5.5	9.9	7.8	8.3	112	162	95.5	1.5	
c. CMD	1	2	1	7	8	11	19	1.1	3.5	1.2	4.9	2.4	1.2	0.5	3.5	3.6	1.8	2.2	28	46	100.0	0.0	
d. MDS & other	1	1	2	0	2	4	6	0.4	1.3	0.4	1.6	2.4	0.6	1.0	-	0.9	0.7	0.8	10	15	100.0	0.0	
e. Unspecified	2	1	0	0	4	3	7	0.3	0.9	0.4	1.8	4.8	0.6	-	-	1.8	0.6	0.9	7	16	57.1	14.3	
II LYMPHOMA & RELATED	6	23	47	108	191	184	375	17.8	100.0	23.0	100.0	14.5	14.2	23.9	54.4	86.4	29.0	41.9	463	895	99.2	0.3	
a. Hodgkin	0	4	11	65	148	80	228	7.7	43.5	14.0	60.8	-	2.5	5.6	32.7	66.9	12.1	24.4	202	536	100.0	0.0	
b. Non-Hodgkin except BL	1	7	18	17	32	43	75	4.2	23.4	4.6	20.0	2.4	4.3	9.2	8.6	14.5	7.0	8.7	108	181	100.0	0.0	
c. Burkitt (BL)	0	7	14	17	3	38	41	3.7	20.7	2.5	10.9	-	4.3	7.1	8.6	1.4	6.1	5.0	96	102	100.0	0.0	
d. Lymphoreticular	5	4	3	3	1	15	16	1.4	8.2	1.0	4.3	12.1	2.5	1.5	1.5	0.5	2.6	2.2	37	40	93.8	0.0	
e. Unspecified	0	1	1	6	7	8	15	0.8	4.3	0.9	4.0	-	0.6	0.5	3.0	3.2	1.2	1.7	20	36	86.7	6.7	
III CNS NEOPLASMS †	18	74	55	67	63	214	277	20.7	100.0	17.0	100.0	43.5	45.8	28.0	33.7	28.5	36.4	34.6	535	678	89.9	0.0	
a. Ependymoma	4	11	7	7	5	29	34	2.8	13.6	2.1	12.3	9.7	6.8	3.6	3.5	2.3	5.0	4.4	72	84	97.1	0.0	
b. Astrocytoma	5	26	25	35	25	91	116	8.8	42.5	7.1	41.9	12.1	16.1	12.7	17.6	11.3	15.1	14.3	228	285	97.4	0.0	
c. CNS embryonal	4	22	12	7	7	45	52	4.3	21.0	3.2	18.8	9.7	13.6	6.1	3.5	3.2	8.0	6.9	112	128	100.0	0.0	
d. Other gliomas	1	6	2	8	6	17	23	1.6	7.9	1.4	8.3	2.4	3.7	1.0	4.0	2.7	2.8	2.8	42	56	65.2	0.0	
e. Other specified	0	6	5	9	17	20	37	1.9	9.3	2.3	13.4	-	3.7	2.5	4.5	7.7	3.3	4.3	50	89	97.3	0.0	
f. Unspecified CNS	4	3	4	1	3	12	15	1.2	5.6	0.9	5.4	9.7	1.9	2.0	0.5	1.4	2.1	2.0	30	37	0.0	0.0	
IV NEUROBLASTOMA	26	38	12	9	5	85	90	8.2	100.0	5.5	100.0	62.9	23.5	6.1	4.5	2.3	15.5	12.5	211	222	98.9	0.0	
a. (Ganglio)neuroblastoma	26	34	11	6	2	77	79	7.4	90.6	4.8	87.8	62.9	21.0	5.6	3.0	0.9	14.1	11.2	191	195	98.7	0.0	
b. Peripheral nervous	0	4	1	3	3	8	11	0.8	9.4	0.7	12.2	-	2.5	0.5	1.5	1.4	1.4	1.4	20	27	100.0	0.0	
V RETINOBLASTOMA	3	14	0	0	0	17	17	1.6	100.0	1.0	100.0	7.3	8.7	-	-	-	3.2	2.5	42	42	58.8	0.0	
VI RENAL TUMOURS	4	23	9	4	2	40	42	3.9	100.0	2.6	100.0	9.7	14.2	4.6	2.0	0.9	7.2	5.8	100	104	95.2	0.0	
a. Nephroblastoma	4	23	7	1	0	35	35	3.4	87.5	2.1	83.3	9.7	14.2	3.6	0.5	-	6.4	5.0	87	87	97.1	0.0	
b. Renal carcinoma	0	0	1	3	2	4	6	0.4	10.0	0.4	14.3	-	-	0.5	1.5	0.9	0.6	0.7	10	15	100.0	0.0	
c. Unspecified	0	0	1	0	0	1	1	0.1	2.5	0.1	2.4	-	-	0.5	-	-	0.2	0.1	3	3	0.0	0.0	
VII HEPATIC TUMOURS	3	1	0	0	3	4	7	0.4	100.0	0.4	100.0	7.3	0.6	-	-	1.4	0.8	0.9	10	17	100.0	0.0	
a. Hepatoblastoma	3	1	0	0	1	4	5	0.4	100.0	0.3	71.4	7.3	0.6	-	-	0.5	0.8	0.7	10	12	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.1	28.6	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	1	3	9	32	31	45	76	4.3	100.0	4.7	100.0	2.4	1.9	4.6	16.1	14.0	6.9	8.5	113	183	94.7	1.3	
a. Osteosarcoma	0	0	2	10	18	12	30	1.2	26.7	1.8	39.5	-	-	1.0	5.0	8.1	1.8	3.2	30	71	100.0	0.0	
b. Chondrosarcoma	0	0	1	1	3	2	5	0.2	4.4	0.3	6.6	-	-	0.5	0.5	1.4	0.3	0.5	5	12	100.0	0.0	
c. Ewing & related	1	3	6	19	8	29	37	2.8	64.4	2.3	48.7	2.4	1.9	3.1	9.6	3.6	4.5	4.3	73	91	94.6	0.0	
d. Other specified	0	0	0	2	0	2	2	0.2	4.4	0.1	2.6	-	-	-	1.0	-	0.3	0.2	5	5	100.0	0.0	
e. Unspecified	0	0	0	0	2	0	2	-	-	0.1	2.6	-	-	-	-	0.9	-	0.2	-	5	0.0	50.0	
IX SOFT TISSUE SARCOMA	8	15	24	14	22	61	83	5.9	100.0	5.1	100.0	19.4	9.3	12.2	7.0	9.9	10.4	10.3	153	203	100.0	0.0	
a. Rhabdomyosarcoma	3	6	11	2	6	22	28	2.1	36.1	1.7	33.7	7.3	3.7	5.6	1.0	2.7	3.8	3.6	55	69	100.0	0.0	
b. Fibrosarcoma	4	1	6	2	2	13	15	1.3	21.3	0.9	18.1	9.7	0.6	3.1	1.0	0.9	2.2	1.9	33	37	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	6	6	7	13	19	32	1.8	31.1	2.0	38.6	-	3.7	3.1	3.5	5.9	3.2	3.8	48	77	100.0	0.0	
e. Unspecified	1	2	1	3	1	7	8	0.7	11.5	0.5	9.6	2.4	1.2	0.5	1.5	0.5	1.2	1.0	17	20	100.0	0.0	
X GERM CELL TUMOURS	7	8	4	11	68	30	98	2.9	100.0	6.0	100.0	16.9	4.9	2.0	5.5	30.7	5.1	10.9	75	229	96.9	0.0	
a. CNS germ cell ‡	1	1	4	4	5	10	15	1.0	33.3	0.9	15.3	2.4	0.6	2.0	2.0	2.3	1.6	1.8	25	36	86.7	0.0	
b. Other extragonadal	4	5	0	1	2	10	12	1.0	33.3	0.7	12.2	9.7	3.1	-	0.5	0.9	1.9	1.6	25	29	100.0	0.0	
c. Gonadal germ cell	2	2	0	6	53	10	63	1.0	33.3	3.9	64.3	4.8	1.2	-	3.0	24.0	1.6	6.7	25	145	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	7	0	7	-	-	0.4	7.1	-	-	-	-	3.2	-	0.7	-	16	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	1.0	-	-	-	-	0.5	-	0.1	-	2	0.0	0.0	
XI CARCINOMA & MELANOMA	2	1	5	22	139	30	169	2.9	100.0	10.4	100.0	4.8	0.6	2.5	11.1	62.8	4.6	17.7	76	390	100.0	0.0	
a. Adrenocortical	2	0	0	0	2	2	4	0.2	6.7	0.2	2.4	4.8	-	-	-	0.9	0.4	0.5	5	9	100.0	0.0	
b. Thyroid	0	1	0	5	42	6	48	0.6	20.0	2.9	28.4	-	0.6	-	2.5	19.0	0.9	5.0	15	110	100.0	0.0	
c. Nasopharyngeal	0	0	1	0	4	1	5	0.1	3.3	0.3	3.0	-	-	0.5	-	1.8	0.2	0.5	3	12	100.0	0.0	
d. Melanoma	0	0	2	4	39	6	45	0.6	20.0	2.8	26.6	-	-	1.0	2.0	17.6	0.9	4.7	15	103	100.0	0.0	
e. Skin carcinoma	0	0	0	7	20	7	27	0.7	23.3	1.7	16.0	-	-	-	3.5	9.0	1.0	2.8	18	63	100.0	0.0	
f. Other & unspecified	0	0	2	6	32	8	40	0.8	26.7	2.5	23.7	-	-	1.0	3.0	14.5	1.2	4.2	20	93	100.0	0.0	
XII OTHER & UNSPECIFIED	2	5	0	1	3	8	11	0.8	100.0	0.7	100.0	4.8	3.1	-	0.5	1.4	1.5	1.5	20	27	54.5	0.0	
a. Other specified	2	3	0	1	0	6	6	0.6	75.0	0.4	54.5	4.8	1.9	-	0.5	-	1.1	0.9	15	15	100.0	0.0	
b. Other unspecified	0	2	0	0	3	2	5	0.2	25.0	0.3	45.5	-	1.2	-	-	1.4	0.4	0.6	5	12	0.0	0.0	
TOTAL	94	350	257	334	594	1035	1629	100.0	100.0	100.0	100.0	227.4	216.5	130.9	168.2	268.6	175.7	196.6	2589	3932	95.6	0.2	

† includes 98 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

ITALY, Veneto (1992-2009)

	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	9	77	53	37	43	176	219	59.4	54.6	1.2	1.3	5	68	39	29	24	141	165	50.5	44.1				
a. Lymphoid	2	67	47	26	23	142	165	48.1	41.8	1.3	1.4	0	60	30	22	8	112	120	40.3	32.9				
b. Acute myeloid	4	7	5	6	12	22	34	7.4	8.1	1.0	1.0	4	7	7	5	10	23	33	8.2	8.4				
c. CMD	0	1	0	5	4	6	10	1.8	2.2	1.2	1.1	1	1	1	2	4	5	9	1.7	2.2				
d. MDS & other	1	1	1	0	2	3	5	1.1	1.2	3.0	5.0	0	0	1	0	0	1	1	0.3	0.3				
e. Unspecified	2	1	0	0	2	3	5	1.1	1.3	-	2.5	0	0	0	0	2	0	2	-	0.4				
II LYMPHOMA & RELATED	5	16	30	66	107	117	224	36.2	49.3	1.7	1.5	1	7	17	42	84	67	151	21.5	34.2				
a. Hodgkin	0	3	8	36	77	47	124	13.9	26.1	1.4	1.2	0	1	3	29	71	33	104	10.1	22.6				
b. Non-Hodgkin except BL	1	5	9	8	21	23	44	7.4	9.9	1.1	1.4	0	2	9	9	11	20	31	6.5	7.4				
c. Burkitt (BL)	0	5	11	14	3	30	33	9.4	7.9	3.8	4.1	0	2	3	3	0	8	8	2.7	2.1				
d. Lymphoreticular	4	3	1	3	1	11	12	3.8	3.1	2.8	3.0	1	1	2	0	0	4	4	1.5	1.1				
e. Unspecified	0	0	1	5	5	6	11	1.7	2.3	3.0	2.8	0	1	0	1	2	2	4	0.7	1.0				
III CNS NEOPLASMS †	10	45	27	25	38	107	145	36.2	35.6	1.0	1.1	8	29	28	42	25	107	132	36.6	33.6				
a. Ependymoma	2	9	2	2	3	15	18	5.3	4.7	1.1	1.1	2	2	5	5	2	14	16	4.8	4.1				
b. Astrocytoma	3	17	13	10	14	43	57	14.4	14.0	0.9	1.0	2	9	12	25	11	48	59	15.9	14.6				
c. CNS embryonal	2	15	8	4	3	29	32	10.0	8.4	1.8	1.6	2	7	4	3	4	16	20	5.8	5.3				
d. Other gliomas	1	1	0	3	6	5	11	1.6	2.4	0.4	0.9	0	5	2	5	0	12	12	4.1	3.2				
e. Other specified	0	2	2	6	12	10	22	3.1	4.8	1.0	1.5	0	4	3	3	5	10	15	3.5	3.7				
f. Unspecified CNS	2	1	2	0	0	5	5	1.8	1.4	0.7	0.5	2	2	2	1	3	7	10	2.5	2.6				
IV NEUROBLASTOMA	16	27	6	3	2	52	54	18.7	14.9	1.6	1.5	10	11	6	6	3	33	36	12.1	10.0				
a. (Ganglio)neuroblastoma	16	24	6	2	0	48	48	17.3	13.4	1.7	1.5	10	10	5	4	2	29	31	10.7	8.7				
b. Peripheral nervous	0	3	0	1	2	4	6	1.4	1.5	1.0	1.2	0	1	1	2	1	4	5	1.3	1.2				
V RETINOBLASTOMA	2	4	0	0	0	6	6	2.2	1.7	0.5	0.5	1	10	0	0	0	11	11	4.3	3.3				
VI RENAL TUMOURS	3	12	3	4	2	22	24	7.7	6.3	1.2	1.3	1	11	6	0	0	18	18	6.7	5.2				
a. Nephroblastoma	3	12	2	1	0	18	18	6.5	5.0	1.1	1.1	1	11	5	0	0	17	17	6.4	5.0				
b. Renal carcinoma	0	0	0	3	2	3	5	0.9	1.1	3.0	5.0	0	0	1	0	0	1	1	0.3	0.3				
c. Unspecified	0	0	1	0	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	2	1	0	0	1	3	4	1.1	1.1	3.0	1.3	1	0	0	0	2	1	3	0.4	0.7				
a. Hepatoblastoma	2	1	0	0	0	3	3	1.1	0.9	3.0	1.5	1	0	0	0	1	1	2	0.4	0.5				
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	2	5	17	15	24	39	7.2	8.5	1.1	1.1	1	1	4	15	16	21	37	6.6	8.5				
a. Osteosarcoma	0	0	1	6	8	7	15	2.0	3.2	1.4	1.0	0	0	1	4	10	5	15	1.5	3.3				
b. Chondrosarcoma	0	0	0	1	1	1	2	0.3	0.4	1.0	0.7	0	0	1	0	2	1	3	0.3	0.7				
c. Ewing & related	0	2	4	10	4	16	20	4.9	4.6	1.2	1.2	1	1	2	9	4	13	17	4.2	4.1				
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.6	0.5				
e. Unspecified	0	0	0	0	2	0	2	-	0.4	-	-	0	0	0	0	0	0	0	-	-				
IX SOFT TISSUE SARCOMA	6	11	11	6	13	34	47	11.5	11.5	1.3	1.3	2	4	13	8	9	27	36	9.1	9.0				
a. Rhabdomyosarcoma	2	5	5	0	4	12	16	4.2	4.1	1.2	1.3	1	1	6	2	2	10	12	3.4	3.1				
b. Fibrosarcoma	3	0	3	1	1	7	8	2.4	2.0	1.2	1.1	1	1	3	1	1	6	7	2.1	1.8				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	5	2	2	7	9	16	3.1	3.8	0.9	1.0	0	1	4	5	6	10	16	3.2	3.8				
e. Unspecified	1	1	1	3	1	6	7	1.9	1.7	6.0	7.0	0	1	0	0	0	1	1	0.4	0.3				
X GERM CELL TUMOURS	5	3	2	4	53	14	67	4.8	14.2	0.9	2.2	2	5	2	7	15	16	31	5.5	7.4				
a. CNS germ cell ‡	1	1	2	2	4	6	10	2.0	2.3	1.5	2.0	0	0	2	2	1	4	5	1.3	1.2				
b. Other extragonadal	2	1	0	0	2	3	5	1.1	1.3	0.4	0.7	2	4	0	1	0	7	7	2.7	2.1				
c. Gonadal germ cell	2	1	0	2	43	5	48	1.7	9.9	1.0	3.2	0	1	0	4	10	5	15	1.6	3.3				
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	0.6	-	0.8	0	0	0	0	4	0	4	-	0.8				
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
XI CARCINOMA & MELANOMA	0	1	1	6	53	8	61	2.4	12.4	0.4	0.6	2	0	4	16	86	22	108	6.9	23.3				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	2	0	0	0	2	2	4	0.8	1.0				
b. Thyroid	0	1	0	0	11	1	12	0.4	2.5	0.2	0.3	0	0	0	5	31	5	36	1.5	7.6				
c. Nasopharyngeal	0	0	1	0	3	1	4	0.3	0.8	-	4.0	0	0	0	0	1	0	1	-	0.2				
d. Melanoma	0	0	0	1	18	1	19	0.3	3.8	0.2	0.7	0	0	2	3	21	5	26	1.6	5.6				
e. Skin carcinoma	0	0	0	2	7	2	9	0.6	1.8	0.4	0.5	0	0	0	5	13	5	18	1.5	3.9				
f. Other & unspecified	0	0	0	3	14	3	17	0.9	3.4	0.6	0.7	0	0	2	3	18	5	23	1.6	5.0				
XII OTHER & UNSPECIFIED	1	3	0	0	2	4	6	1.5	1.5	1.0	1.2	1	2	0	1	1	4	5	1.5	1.4				
a. Other specified	1	2	0	0	0	3	3	1.1	0.9	1.0	1.0	1	1	0	1	0	3	3	1.1	0.8				
b. Other unspecified	0	1	0	0	2	1	3	0.4	0.7	1.0	1.5	0	1	0	0	1	1	2	0.4	0.5				
TOTAL	59	202	138	168	329	567	896	189.0	211.8	1.2	1.2	35	148	119	166	265	468	733	161.8	180.6				

† includes 54 non-malignant in males and 44 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

ITALY, Veneto (1992-2009)

	Age group	Males	Females
Person-years	0	212 230	201 134
	1-4	829 815	786 555
	5-9	1 008 067	954 602
	10-14	1 019 602	966 230
	15-19	1 132 150	1 079 707
Total	0-14	3 069 714	2 908 521
	0-19	4 201 864	3 988 228
Average annual population	0-14	170 540	161 585
	0-19	233 437	221 568

Please consult the quality indicators for this registry