

SPAIN, Girona (1990-2013)

	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	0-19
I LEUKAEMIA	11	54	30	23	38	118	156	29.3	100.0	26.3	100.0	69.1	86.2	39.8	29.3	44.1	53.4	51.3	759	980	98.7	1.3	
a. Lymphoid	4	51	22	13	22	90	112	22.3	76.3	18.9	71.8	25.1	81.4	29.2	16.6	25.5	41.3	37.8	579	707	99.1	0.9	
b. Acute myeloid	3	2	4	8	12	17	29	4.2	14.4	4.9	18.6	18.8	3.2	5.3	10.2	13.9	7.1	8.7	109	179	100.0	0.0	
c. CMD	0	0	2	1	4	3	7	0.7	2.5	1.2	4.5	-	-	2.7	1.3	4.6	1.2	2.0	20	43	100.0	0.0	
d. MDS & other	3	1	0	1	0	5	5	1.2	4.2	0.8	3.2	18.8	1.6	-	1.3	-	2.3	1.8	32	32	100.0	0.0	
e. Unspecified	1	0	2	0	0	3	3	0.7	2.5	0.5	1.9	6.3	-	2.7	-	-	1.3	1.0	20	20	66.7	33.3	
II LYMPHOMA & RELATED	3	16	11	24	45	54	99	13.4	100.0	16.7	100.0	18.8	25.5	14.6	30.6	52.3	22.9	29.5	347	608	100.0	0.0	
a. Hodgkin	0	1	2	14	29	17	46	4.2	31.5	7.7	46.5	-	1.6	2.7	17.8	33.7	6.5	12.6	109	277	100.0	0.0	
b. Non-Hodgkin except BL	0	1	5	6	11	12	23	3.0	22.2	3.9	23.2	-	1.6	6.6	7.6	12.8	4.9	6.6	78	142	100.0	0.0	
c. Burkitt (BL)	0	8	4	3	4	15	19	3.7	27.8	3.2	19.2	-	12.8	5.3	3.8	4.6	6.8	6.3	97	120	100.0	0.0	
d. Lymphoreticular	3	6	0	1	0	10	10	2.5	18.5	1.7	10.1	18.8	9.6	-	1.3	-	4.8	3.7	64	64	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	1.0	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
III CNS NEOPLASMS †	6	37	31	30	25	104	129	25.8	100.0	21.7	100.0	37.7	59.1	41.2	38.2	29.0	45.6	41.8	670	816	89.1	0.0	
a. Ependymoma	4	6	2	2	2	14	16	3.5	13.5	2.7	12.4	25.1	9.6	2.7	2.5	2.3	6.5	5.6	90	101	87.5	0.0	
b. Astrocytoma	0	15	13	14	13	42	55	10.4	40.4	9.3	42.6	-	23.9	17.3	17.8	15.1	18.1	17.5	271	346	92.7	0.0	
c. CNS embryonal	1	10	4	3	2	18	20	4.5	17.3	3.4	15.5	6.3	16.0	5.3	3.8	2.3	8.2	6.9	116	127	100.0	0.0	
d. Other gliomas	0	1	3	3	1	7	8	1.7	6.7	1.3	6.2	-	1.6	4.0	3.8	1.2	2.9	2.5	45	51	75.0	0.0	
e. Other specified	1	5	7	7	5	20	25	5.0	19.2	4.2	19.4	6.3	8.0	9.3	8.9	5.8	8.5	7.9	129	158	88.0	0.0	
f. Unspecified CNS	0	0	2	1	2	3	5	0.7	2.9	0.8	3.9	-	-	2.7	1.3	2.3	1.2	1.5	20	31	40.0	0.0	
IV NEUROBLASTOMA	12	16	4	1	3	33	36	8.2	100.0	6.1	100.0	75.3	25.5	5.3	1.3	3.5	15.9	13.1	211	229	100.0	0.0	
a. (Ganglio)neuroblastoma	12	16	4	1	1	33	34	8.2	100.0	5.7	94.4	75.3	25.5	5.3	1.3	1.2	15.9	12.6	211	217	100.0	0.0	
b. Peripheral nervous	0	0	0	0	2	0	2	-	-	0.3	5.6	-	-	-	-	2.3	-	0.5	-	12	12	100.0	0.0
V RETINOBLASTOMA	3	5	1	0	0	9	9	2.2	100.0	1.5	100.0	18.8	8.0	1.3	-	-	4.4	3.4	58	58	88.9	0.0	
VI RENAL TUMOURS	3	8	3	2	1	16	17	4.0	100.0	2.9	100.0	18.8	12.8	4.0	2.5	1.2	7.4	6.0	103	108	94.1	0.0	
a. Nephroblastoma	3	8	3	0	0	14	14	3.5	87.5	2.4	82.4	18.8	12.8	4.0	-	-	6.7	5.2	90	90	92.9	0.0	
b. Renal carcinoma	0	0	0	2	1	2	3	0.5	12.5	0.5	17.6	-	-	-	2.5	1.2	0.7	0.8	13	19	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	1	0	0	3	2	5	0.5	100.0	0.8	100.0	6.3	1.6	-	-	3.5	1.0	1.5	13	30	60.0	0.0	
a. Hepatoblastoma	1	0	0	0	0	1	1	0.2	50.0	0.2	20.0	6.3	-	-	-	-	0.5	0.4	6	6	0.0	0.0	
b. Hepatic carcinoma	0	1	0	0	3	1	4	0.2	50.0	0.7	80.0	-	1.6	-	-	3.5	0.5	1.2	6	24	75.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	1	8	19	15	28	43	6.9	100.0	7.2	100.0	-	1.6	10.6	24.2	17.4	10.9	12.4	180	268	100.0	0.0	
a. Osteosarcoma	0	0	4	10	9	14	23	3.5	50.0	3.9	53.5	-	-	5.3	12.7	10.5	5.4	6.5	90	142	100.0	0.0	
b. Chondrosarcoma	0	0	0	1	2	1	3	0.2	3.6	0.5	7.0	-	-	-	1.3	2.3	0.4	0.8	6	18	100.0	0.0	
c. Ewing & related	0	1	4	8	4	13	17	3.2	46.4	2.9	39.5	-	1.6	5.3	10.2	4.6	5.2	5.0	84	107	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	1	7	8	4	17	20	37	5.0	100.0	6.2	100.0	6.3	11.2	10.6	5.1	19.7	8.8	11.3	129	228	100.0	0.0	
a. Rhabdomyosarcoma	0	4	5	2	5	11	16	2.7	55.0	2.7	43.2	-	6.4	6.6	2.5	5.8	4.9	5.1	71	100	100.0	0.0	
b. Fibrosarcoma	0	1	1	0	0	2	2	0.5	10.0	0.3	5.4	-	1.6	1.3	-	-	0.9	0.7	13	13	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.2	2.7	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
d. Other specified	1	1	1	2	9	5	14	1.2	25.0	2.4	37.8	6.3	1.6	1.3	2.5	10.5	2.2	4.0	32	84	100.0	0.0	
e. Unspecified	0	1	1	0	2	2	4	0.5	10.0	0.7	10.8	-	1.6	1.3	-	2.3	0.9	1.2	13	25	100.0	0.0	
X GERM CELL TUMOURS	1	0	3	3	15	7	22	1.7	100.0	3.7	100.0	6.3	-	4.0	3.8	17.4	2.9	6.2	45	132	100.0	0.0	
a. CNS germ cell ‡	0	0	1	1	3	2	5	0.5	28.6	0.8	22.7	-	-	1.3	1.3	3.5	0.8	1.4	13	30	100.0	0.0	
b. Other extragonadal	0	0	1	0	1	1	2	0.2	14.3	0.3	9.1	-	-	1.3	-	1.2	0.4	0.6	7	12	100.0	0.0	
c. Gonadal germ cell	1	0	1	2	11	4	15	1.0	57.1	2.5	68.2	6.3	-	1.3	2.5	12.8	1.7	4.2	26	90	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	2	3	7	29	12	41	3.0	100.0	6.9	100.0	-	3.2	4.0	8.9	33.7	4.9	11.3	77	246	100.0	0.0	
a. Adrenocortical	0	1	0	0	0	1	1	0.2	8.3	0.2	2.4	-	1.6	-	-	-	0.5	0.4	6	6	100.0	0.0	
b. Thyroid	0	0	2	4	12	6	18	1.5	50.0	3.0	43.9	-	-	2.7	5.1	13.9	2.3	4.9	39	108	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.2	2.4	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
d. Melanoma	0	1	0	2	5	3	8	0.7	25.0	1.3	19.5	-	1.6	-	2.5	5.8	1.2	2.3	19	48	100.0	0.0	
e. Skin carcinoma	0	0	0	1	4	1	5	0.2	8.3	0.8	12.2	-	-	-	1.3	4.6	0.4	1.3	6	30	100.0	0.0	
f. Other & unspecified	0	0	1	0	7	1	8	0.2	8.3	1.3	19.5	-	-	1.3	-	8.1	0.4	2.2	7	47	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	41	147	102	113	191	403	594	100.0	100.0	100.0	100.0	257.4	234.7	135.4	143.9	221.8	178.1	187.9	2593	3702	96.6	0.3	

† includes 52 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

SPAIN, Girona (1990-2013)

	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	3	34	19	14	22	70	92	61.5	58.8	1.5	1.4	8	20	11	9	16	48	64	44.9	43.4				
a. Lymphoid	0	32	15	9	15	56	71	49.7	46.1	1.6	1.7	4	19	7	4	7	34	41	32.5	28.9				
b. Acute myeloid	2	1	2	3	6	8	14	6.7	8.2	0.9	0.9	1	1	2	5	6	9	15	7.6	9.1				
c. CMD	0	0	1	1	1	2	3	1.6	1.7	2.0	0.8	0	0	1	0	3	1	4	0.9	2.3				
d. MDS & other	1	1	0	1	0	3	3	2.6	2.0	1.5	1.5	2	0	0	0	0	2	2	2.0	1.6				
e. Unspecified	0	0	1	0	0	1	1	0.8	0.6	0.5	0.5	1	0	1	0	0	2	2	1.9	1.5				
II LYMPHOMA & RELATED	1	12	8	12	30	33	63	27.8	36.8	1.6	1.8	2	4	3	12	15	21	36	17.8	21.9				
a. Hodgkin	0	1	1	7	17	9	26	6.8	13.9	1.1	1.3	0	0	1	7	12	8	20	6.2	11.3				
b. Non-Hodgkin except BL	0	0	5	3	8	8	16	6.3	9.0	2.0	2.3	0	1	0	3	3	4	7	3.3	4.2				
c. Burkitt (BL)	0	6	2	1	4	9	13	8.1	8.3	1.5	2.2	0	2	2	2	0	6	6	5.3	4.1				
d. Lymphoreticular	1	5	0	1	0	7	7	6.5	5.0	2.3	2.3	2	1	0	0	0	3	3	3.0	2.4				
e. Unspecified	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-				
III CNS NEOPLASMS †	5	22	12	18	12	57	69	48.9	44.0	1.2	1.1	1	15	19	12	13	47	60	42.0	39.6				
a. Ependymoma	3	5	1	0	1	9	10	8.5	7.1	1.8	1.7	1	1	1	2	1	5	6	4.4	4.0				
b. Astrocytoma	0	5	2	8	6	15	21	12.2	12.5	0.6	0.6	0	10	11	6	7	27	34	24.4	22.6				
c. CNS embryonal	1	7	4	1	1	13	14	11.7	9.6	2.6	2.3	0	3	0	2	1	5	6	4.6	4.1				
d. Other gliomas	0	1	1	3	1	5	6	4.0	3.6	2.5	3.0	0	0	2	0	0	2	2	1.8	1.4				
e. Other specified	1	4	3	5	1	13	14	10.9	9.0	1.9	1.3	0	1	4	2	4	7	11	6.1	6.8				
f. Unspecified CNS	0	0	1	1	2	2	4	1.6	2.2	2.0	4.0	0	0	1	0	0	1	1	0.9	0.7				
IV NEUROBLASTOMA	9	6	3	1	2	19	21	17.6	14.7	1.4	1.4	3	10	1	0	1	14	15	14.0	11.4				
a. (Ganglio)neuroblastoma	9	6	3	1	1	19	20	17.6	14.2	1.4	1.4	3	10	1	0	0	14	14	14.0	10.9				
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.5	-	1.0	0	0	0	0	1	0	1	-	0.5				
V RETINOBLASTOMA	0	3	1	0	0	4	4	3.7	2.9	0.8	0.8	3	2	0	0	0	5	5	5.1	3.9				
VI RENAL TUMOURS	2	6	2	0	0	10	10	9.3	7.2	1.7	1.4	1	2	1	2	1	6	7	5.4	4.8				
a. Nephroblastoma	2	6	2	0	0	10	10	9.3	7.2	2.5	2.5	1	2	1	0	0	4	4	3.9	3.0				
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	1	2	3	1.5	1.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	1	1	0	0	3	2	5	1.9	3.0	-	-	0	0	0	0	0	0	0	-	-				
a. Hepatoblastoma	1	0	0	0	0	1	1	1.0	0.7	-	-	0	0	0	0	0	0	0	-	-				
b. Hepatic carcinoma	0	1	0	0	3	1	4	1.0	2.3	-	-	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	4	12	10	17	27	12.9	15.1	1.5	1.7	0	0	4	7	5	11	16	8.8	9.5				
a. Osteosarcoma	0	0	1	8	8	9	17	6.6	9.2	1.8	2.8	0	0	3	2	1	5	6	4.2	3.8				
b. Chondrosarcoma	0	0	0	1	1	1	2	0.7	1.1	-	2.0	0	0	0	0	1	0	1	-	0.5				
c. Ewing & related	0	1	3	3	1	7	8	5.6	4.9	1.2	0.9	0	0	1	5	3	6	9	4.7	5.2				
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	0	4	5	3	12	12	24	10.2	14.0	1.5	1.8	1	3	3	1	5	8	13	7.4	8.5				
a. Rhabdomyosarcoma	0	1	2	1	4	4	8	3.3	4.6	0.6	1.0	0	3	3	1	1	7	8	6.4	5.5				
b. Fibrosarcoma	0	1	1	0	0	2	2	1.8	1.4	-	-	0	0	0	0	0	0	0	-	-				
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	1	1	2	5	4	9	3.2	5.0	4.0	1.8	1	0	0	0	4	1	5	1.0	2.9				
e. Unspecified	0	1	1	0	2	2	4	1.8	2.4	-	-	0	0	0	0	0	0	0	-	-				
X GERM CELL TUMOURS	1	0	2	0	11	3	14	2.6	7.6	0.8	1.8	0	0	1	3	4	4	8	3.2	4.6				
a. CNS germ cell ‡	0	0	1	0	3	1	4	0.8	2.2	1.0	4.0	0	0	0	1	0	1	1	0.8	0.6				
b. Other extragonadal	0	0	1	0	0	1	1	0.8	0.6	-	1.0	0	0	0	0	1	0	1	-	0.5				
c. Gonadal germ cell	1	0	0	0	8	1	9	1.0	4.8	0.3	1.5	0	0	1	2	3	3	6	2.4	3.5				
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	1	3	0	7	4	11	3.5	6.2	0.5	0.4	0	1	0	7	22	8	30	6.3	16.7				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.0	0.8				
b. Thyroid	0	0	2	0	0	2	2	1.7	1.3	0.5	0.1	0	0	0	4	12	4	16	3.0	8.8				
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-				
d. Melanoma	0	1	0	0	2	1	3	1.0	1.8	0.5	0.6	0	0	0	2	3	2	5	1.5	2.8				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.5	0.0	0.3	0	0	0	1	3	1	4	0.8	2.2				
f. Other & unspecified	0	0	1	0	3	1	4	0.8	2.2	-	1.0	0	0	0	0	4	0	4	-	2.2				
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
TOTAL	22	90	59	60	109	231	340	199.9	210.3	1.3	1.3	19	57	43	53	82	172	254	155.0	164.3				

† includes 23 non-malignant in males and 29 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

SPAIN, Girona (1990-2013)

	Age group	Males	Females
Person-years	0	81 875	77 401
	1-4	321 433	304 958
	5-9	386 298	366 771
	10-14	403 460	382 014
	15-19	442 918	418 183
Total	0-14	1 193 066	1 131 144
	0-19	1 635 984	1 549 327
Average annual population	0-14	49 711	47 131
	0-19	68 166	64 555

Please consult the quality indicators for this registry