

SPAIN, Tarragona (1990-2011)

	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	7	38	25	25	19	95	114	25.4	100.0	20.0	100.0	46.9	64.7	34.8	32.4	21.8	44.3	39.2	641	750	100.0	0.0	
a. Lymphoid	2	30	23	19	11	74	85	19.8	77.9	14.9	74.6	13.4	51.1	32.0	24.6	12.6	34.3	29.4	500	563	100.0	0.0	
b. Acute myeloid	4	7	2	6	6	19	25	5.1	20.0	4.4	21.9	26.8	11.9	2.8	7.8	6.9	8.9	8.5	127	162	100.0	0.0	
c. CMD	0	0	0	0	1	0	1	-	-	0.2	0.9	-	-	-	-	1.1	-	0.3	-	6	-	100.0	0.0
d. MDS & other	1	1	0	0	1	2	3	0.5	2.1	0.5	2.6	6.7	1.7	-	-	-	1.1	1.1	14	19	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II LYMPHOMA & RELATED	6	11	22	32	54	71	125	19.0	100.0	22.0	100.0	40.2	18.7	30.6	41.4	62.0	30.8	37.9	476	786	99.2	0.8	
a. Hodgkin	0	1	9	15	38	25	63	6.7	35.2	11.1	50.4	-	1.7	12.5	19.4	43.7	10.2	17.7	166	385	100.0	0.0	
b. Non-Hodgkin except BL	2	2	5	12	11	21	32	5.6	29.6	5.6	25.6	13.4	3.4	7.0	15.5	12.6	8.9	9.7	140	203	100.0	0.0	
c. Burkitt (BL)	0	3	6	2	2	11	13	2.9	15.5	2.3	10.4	-	5.1	8.4	2.6	2.3	5.0	4.4	75	87	100.0	0.0	
d. Lymphoreticular	4	4	2	3	3	13	16	3.5	18.3	2.8	12.8	26.8	6.8	2.8	3.9	3.4	6.2	5.6	88	105	100.0	0.0	
e. Unspecified	0	1	0	0	0	1	1	0.3	1.4	0.2	0.8	-	1.7	-	-	-	0.5	0.4	7	7	0.0	100.0	
III CNS NEOPLASMS †	3	24	18	19	27	64	91	17.1	100.0	16.0	100.0	20.1	40.9	25.1	24.6	31.0	29.4	29.8	432	587	87.9	0.0	
a. Ependymoma	1	4	0	3	0	8	8	2.1	12.5	1.4	8.8	6.7	6.8	-	3.9	-	3.8	2.9	53	53	100.0	0.0	
b. Astrocytoma	1	8	10	6	15	25	40	6.7	39.1	7.0	44.0	6.7	13.6	13.9	7.8	17.2	11.5	12.8	170	256	100.0	0.0	
c. CNS embryonal	1	8	3	1	5	13	18	3.5	20.3	3.2	19.8	6.7	13.6	4.2	1.3	5.7	6.5	6.3	88	117	100.0	0.0	
d. Other gliomas	0	3	3	3	1	9	10	2.4	14.1	1.8	11.0	-	5.1	4.2	3.9	1.1	4.1	3.4	61	66	40.0	0.0	
e. Other specified	0	0	1	3	4	4	8	1.1	6.3	1.4	8.8	-	-	1.4	3.9	4.6	1.6	2.3	26	49	100.0	0.0	
f. Unspecified CNS	0	1	1	3	2	5	7	1.3	7.8	1.2	7.7	-	1.7	1.4	3.9	2.3	2.1	2.1	33	45	28.6	0.0	
IV NEUROBLASTOMA	13	16	4	1	2	34	36	9.1	100.0	6.3	100.0	87.1	27.2	5.6	1.3	2.3	17.4	14.0	231	243	91.7	0.0	
a. (Ganglio)neuroblastoma	13	16	4	1	2	34	36	9.1	100.0	6.3	100.0	87.1	27.2	5.6	1.3	2.3	17.4	14.0	231	243	91.7	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	3	5	1	0	0	9	9	2.4	100.0	1.6	100.0	20.1	8.5	1.4	-	-	4.7	3.6	61	61	88.9	0.0	
VI RENAL TUMOURS	5	10	1	0	0	16	16	4.3	100.0	2.8	100.0	33.5	17.0	1.4	-	-	8.3	6.5	109	109	100.0	0.0	
a. Nephroblastoma	5	10	1	0	0	16	16	4.3	100.0	2.8	100.0	33.5	17.0	1.4	-	-	8.3	6.5	109	109	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	1	3	1	0	1	5	6	1.3	100.0	1.1	100.0	6.7	5.1	1.4	-	1.1	2.6	2.2	34	40	100.0	0.0	
a. Hepatoblastoma	1	3	0	0	0	4	4	1.1	80.0	0.7	66.7	6.7	5.1	-	-	-	2.1	1.6	27	27	100.0	0.0	
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.3	20.0	0.4	33.3	-	-	1.4	-	1.1	0.4	0.6	7	13	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	5	16	14	22	36	5.9	100.0	6.3	100.0	-	1.7	7.0	20.7	16.1	8.8	10.4	145	226	97.2	0.0	
a. Osteosarcoma	0	0	2	6	10	8	18	2.1	36.4	3.2	50.0	-	-	2.8	7.8	11.5	3.2	5.0	53	110	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	1	2	10	3	13	16	3.5	59.1	2.8	44.4	-	1.7	2.8	12.9	3.4	5.2	4.8	85	103	100.0	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.2	2.8	-	-	-	-	1.1	-	0.3	-	6	-	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.3	4.5	0.2	2.8	-	-	1.4	-	-	0.4	0.3	7	7	0.0	0.0	
IX SOFT TISSUE SARCOMA	2	8	9	3	17	22	39	5.9	100.0	6.9	100.0	13.4	13.6	12.5	3.9	19.5	10.4	12.5	150	248	100.0	0.0	
a. Rhabdomyosarcoma	0	5	4	0	1	9	10	2.4	40.9	1.8	25.6	-	8.5	5.6	-	1.1	4.4	3.7	62	68	100.0	0.0	
b. Fibrosarcoma	1	0	1	1	5	3	8	0.8	13.6	1.4	20.5	6.7	-	1.4	1.3	5.7	1.4	2.3	20	49	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	3	3	2	9	9	18	2.4	40.9	3.2	46.2	6.7	5.1	4.2	2.6	10.3	4.2	5.6	61	113	100.0	0.0	
e. Unspecified	0	0	1	0	2	1	3	0.3	4.5	0.5	7.7	-	-	1.4	-	2.3	0.4	0.9	7	18	100.0	0.0	
X GERM CELL TUMOURS	1	4	1	6	14	12	26	3.2	100.0	4.6	100.0	6.7	6.8	1.4	7.8	16.1	5.3	7.8	80	160	100.0	0.0	
a. CNS germ cell ‡	1	0	1	1	3	3	6	0.8	25.0	1.1	23.1	6.7	-	1.4	1.3	3.4	1.4	1.8	20	37	100.0	0.0	
b. Other extragonadal	0	3	0	0	1	3	4	0.8	25.0	0.7	15.4	-	5.1	-	-	1.1	1.6	1.5	20	26	100.0	0.0	
c. Gonadal germ cell	0	1	0	5	10	6	16	1.6	50.0	2.8	61.5	-	1.7	-	6.5	11.5	2.4	4.4	39	97	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	1	4	4	15	45	24	69	6.4	100.0	12.1	100.0	6.7	6.8	5.6	19.4	51.7	10.1	19.4	159	417	100.0	0.0	
a. Adrenocortical	0	0	2	0	0	2	2	0.5	8.3	0.4	2.9	-	-	2.8	-	-	0.9	0.7	14	14	100.0	0.0	
b. Thyroid	0	1	0	4	10	5	15	1.3	20.8	2.6	21.7	-	1.7	-	5.2	11.5	2.0	4.2	33	90	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	4	0	4	-	-	0.7	5.8	-	-	-	-	4.6	-	1.0	-	23	-	100.0	0.0
d. Melanoma	1	2	0	4	14	7	21	1.9	29.2	3.7	30.4	6.7	3.4	-	5.2	16.1	3.1	6.0	46	127	100.0	0.0	
e. Skin carcinoma	0	1	1	5	9	7	16	1.9	29.2	2.8	23.2	-	1.7	1.4	6.5	10.3	2.9	4.5	46	98	100.0	0.0	
f. Other & unspecified	0	0	1	2	8	3	11	0.8	12.5	1.9	15.9	-	-	1.4	2.6	9.2	1.2	3.0	20	66	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	0	0	2	0	2	-	-	0.4	100.0	-	-	-	-	2.3	-	0.5	-	11	0.0	50.0	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	0	0	0	2	0	2	-	-	0.4	100.0	-	-	-	-	2.3	-	0.5	-	11	0.0	50.0	
TOTAL	42	124	91	117	195	374	569	100.0	100.0	100.0	100.0	281.3	211.1	126.7	151.4	224.0	172.1	183.8	2517	3637	96.7	0.4	

† includes 21 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

SPAIN, Tarragona (1990-2011)

	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	4	21	16	15	10	56	66	52.6	46.1	1.4	1.4	3	17	9	10	9	39	48	36.1	32.6		
a. Lymphoid	1	17	15	11	6	44	50	41.2	35.1	1.5	1.4	1	13	8	8	5	30	35	27.5	23.9		
b. Acute myeloid	3	4	1	4	2	12	14	11.4	9.9	1.7	1.3	1	3	1	2	4	7	11	6.5	7.1		
c. CMD	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
d. MDS & other	0	0	0	0	1	0	1	-	0.5	0.0	0.5	1	1	0	0	0	2	2	2.1	1.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	4	7	15	19	28	45	73	39.9	45.7	1.7	1.4	2	4	7	13	26	26	52	22.0	30.3		
a. Hodgkin	0	1	4	7	18	12	30	10.1	17.3	0.9	0.9	0	0	5	8	20	13	33	10.3	18.2		
b. Non-Hodgkin except BL	2	1	5	8	6	16	22	13.9	13.9	3.2	2.2	0	1	0	4	5	5	10	4.0	5.6		
c. Burkitt (BL)	0	2	5	2	2	9	11	8.2	7.4	4.5	5.5	0	1	1	0	0	2	2	1.9	1.5		
d. Lymphoreticular	2	2	1	2	2	7	9	6.7	6.2	1.2	1.3	2	2	1	1	1	6	7	5.8	5.0		
e. Unspecified	0	1	0	0	0	1	1	1.1	0.8	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	3	13	7	9	14	32	46	30.3	30.8	1.0	1.0	0	11	11	10	13	32	45	28.5	28.7		
a. Ependymoma	1	2	0	2	0	5	5	4.7	3.7	1.7	1.7	0	2	0	1	0	3	3	2.8	2.2		
b. Astrocytoma	1	2	3	2	9	8	17	7.5	10.5	0.5	0.7	0	6	7	4	6	17	23	15.4	15.0		
c. CNS embryonal	1	7	1	1	3	10	13	10.2	9.5	3.3	2.6	0	1	2	0	2	3	5	2.8	3.2		
d. Other gliomas	0	1	1	1	0	3	3	2.7	2.1	0.5	0.4	0	2	2	2	1	6	7	5.3	4.6		
e. Other specified	0	0	1	2	1	3	4	2.4	2.4	3.0	1.0	0	0	0	1	3	1	4	0.7	2.1		
f. Unspecified CNS	0	1	1	1	1	3	4	2.7	2.7	1.5	1.3	0	0	0	2	1	2	3	1.5	1.6		
IV NEUROBLASTOMA	3	5	3	0	0	11	11	11.2	8.7	0.5	0.4	10	11	1	1	2	23	25	23.4	19.2		
a. (Ganglio)neuroblastoma	3	5	3	0	0	11	11	11.2	8.7	0.5	0.4	10	11	1	1	2	23	25	23.4	19.2		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	1	4	1	0	0	6	6	6.2	4.8	2.0	2.0	2	1	0	0	0	3	3	3.1	2.4		
VI RENAL TUMOURS	3	4	0	0	0	7	7	7.4	5.8	0.8	0.8	2	6	1	0	0	9	9	9.2	7.1		
a. Nephroblastoma	3	4	0	0	0	7	7	7.4	5.8	0.8	0.8	2	6	1	0	0	9	9	9.2	7.1		
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	0	3	1	0	1	4	5	4.1	3.7	4.0	5.0	1	0	0	0	0	1	1	1.0	0.8		
a. Hepatoblastoma	0	3	0	0	0	3	3	3.2	2.5	3.0	3.0	1	0	0	0	0	1	1	1.0	0.8		
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.9	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	0	3	10	6	13	19	10.4	11.2	1.4	1.1	0	1	2	6	8	9	17	7.2	9.7		
a. Osteosarcoma	0	0	1	4	5	5	10	4.0	5.7	1.7	1.3	0	0	1	2	5	3	8	2.4	4.4		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	6	1	7	8	5.5	4.8	1.2	1.0	0	1	1	4	2	6	8	4.9	4.8		
d. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	1	0	1	1	-	0.5		
e. Unspecified	0	0	1	0	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	7	6	2	9	16	25	15.5	16.8	2.7	1.8	1	1	3	1	8	6	14	5.5	8.3		
a. Rhabdomyosarcoma	0	5	3	0	1	8	9	8.0	6.8	8.0	9.0	0	0	1	0	0	1	1	0.9	0.7		
b. Fibrosarcoma	1	0	0	1	2	2	4	1.8	2.5	2.0	1.0	0	0	1	0	3	1	4	0.9	2.2		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	2	1	4	5	9	4.7	5.8	1.3	1.0	1	1	1	1	5	4	9	3.7	5.4		
e. Unspecified	0	0	1	0	2	1	3	0.9	1.8	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	1	1	1	2	13	5	18	4.6	10.4	0.7	2.3	0	3	0	4	1	7	8	6.1	5.2		
a. CNS germ cell ‡	1	0	1	1	3	3	6	2.7	3.7	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	1	0	1	0.5	0.5	0.0	0.3	0	3	0	0	0	3	3	3.1	2.4		
c. Gonadal germ cell	0	1	0	1	9	2	11	1.8	6.2	0.5	2.2	0	0	0	4	1	4	5	2.9	2.8		
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	1	3	1	5	14	10	24	9.0	14.3	0.7	0.5	0	1	3	10	31	14	45	11.1	24.3		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	2	0	0	2	2	1.8	1.4		
b. Thyroid	0	1	0	0	3	1	4	1.1	2.4	0.3	0.4	0	0	0	4	7	4	11	2.9	5.8		
c. Nasopharyngeal	0	0	0	0	2	0	2	-	1.1	-	1.0	0	0	0	0	2	0	2	-	1.0		
d. Melanoma	1	1	0	1	6	3	9	2.9	5.4	0.8	0.8	0	1	0	3	8	4	12	3.2	6.6		
e. Skin carcinoma	0	1	0	3	0	4	4	3.4	2.6	1.3	0.3	0	0	1	2	9	3	12	2.4	6.4		
f. Other & unspecified	0	0	1	1	3	2	5	1.7	2.9	2.0	0.8	0	0	0	1	5	1	6	0.7	3.1		
XII OTHER & UNSPECIFIED	0	0	0	0	2	0	2	-	1.1	-	-	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	2	0	2	-	1.1	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	21	68	54	62	97	205	302	191.3	199.3	1.2	1.1	21	56	37	55	98	169	267	153.3	168.6		

† includes 9 non-malignant in males and 12 non-malignant in females ‡ includes 2 non-malignant in males

Please consult the quality indicators for this registry

SPAIN, Tarragona (1990-2011)

	Age group	Males	Females
Person-years	0	73 787	75 536
	1-4	290 298	297 016
	5-9	354 565	363 779
	10-14	378 497	394 194
	15-19	427 287	443 109
Total	0-14	1 097 147	1 130 525
	0-19	1 524 434	1 573 634
Average annual population	0-14	49 870	51 388
	0-19	69 292	71 529

Please consult the quality indicators for this registry