

## SPAIN, Asturias (1992-2010)

	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
<b>I LEUKAEMIA</b>	3	40	30	29	35	102	137	29.1	100.0	24.4	100.0	22.4	74.0	40.8	32.4	30.6	47.2	43.5	685	838	99.3	0.7
a. Lymphoid	1	32	19	13	18	65	83	18.6	63.7	14.8	60.6	7.5	59.2	25.8	14.5	15.7	31.5	27.9	446	525	100.0	0.0
b. Acute myeloid	1	4	6	5	12	16	28	4.6	15.7	5.0	20.4	7.5	7.4	8.2	5.6	10.5	7.1	7.9	106	158	100.0	0.0
c. CMD	0	2	0	5	3	7	10	2.0	6.9	1.8	7.3	-	3.7	-	5.6	2.6	2.8	2.7	43	56	100.0	0.0
d. MDS & other	0	1	2	0	1	3	4	0.9	2.9	0.7	2.9	-	1.9	2.7	-	0.9	1.5	1.3	21	25	100.0	0.0
e. Unspecified	1	1	3	6	1	11	12	3.1	10.8	2.1	8.8	7.5	1.9	4.1	6.7	0.9	4.4	3.6	69	73	91.7	8.3
<b>II LYMPHOMA &amp; RELATED</b>	0	5	15	36	72	56	128	16.0	100.0	22.8	100.0	-	9.3	20.4	40.2	63.0	21.1	30.5	340	655	100.0	0.0
a. Hodgkin	0	1	3	23	51	27	78	7.7	48.2	13.9	60.9	-	1.9	4.1	25.7	44.6	9.3	17.3	156	379	100.0	0.0
b. Non-Hodgkin except BL	0	2	7	7	17	16	33	4.6	28.6	5.9	25.8	-	3.7	9.5	7.8	14.9	6.5	8.4	101	176	100.0	0.0
c. Burkitt (BL)	0	2	5	4	2	11	13	3.1	19.6	2.3	10.2	-	3.7	6.8	4.5	1.7	4.6	4.0	71	80	100.0	0.0
d. Lymphoreticular	0	0	0	1	0	1	1	0.3	1.8	0.2	0.8	-	-	-	1.1	-	0.3	0.3	6	6	100.0	0.0
e. Unspecified	0	0	0	1	2	1	3	0.3	1.8	0.5	2.3	-	-	-	1.1	1.7	0.3	0.6	6	14	100.0	0.0
<b>III CNS NEOPLASMS †</b>	4	16	19	18	18	57	75	16.3	100.0	13.4	100.0	29.8	29.6	25.8	20.1	15.7	25.6	23.4	378	457	88.0	1.3
a. Ependymoma	1	5	1	0	2	7	9	2.0	12.3	1.6	12.0	7.5	9.3	1.4	-	1.7	3.9	3.4	51	60	100.0	0.0
b. Astrocytoma	1	6	9	9	9	25	34	7.1	43.9	6.1	45.3	7.5	11.1	12.2	10.0	7.9	10.9	10.2	163	203	91.2	0.0
c. CNS embryonal	0	4	5	2	3	11	14	3.1	19.3	2.5	18.7	-	7.4	6.8	2.2	2.6	5.1	4.6	75	88	100.0	0.0
d. Other gliomas	1	1	3	4	0	9	9	2.6	15.8	1.6	12.0	7.5	1.9	4.1	4.5	-	3.8	2.9	58	58	66.7	0.0
e. Other specified	0	0	1	3	2	4	6	1.1	7.0	1.1	8.0	-	-	1.4	3.3	1.7	1.4	1.5	24	32	100.0	0.0
f. Unspecified CNS	1	0	0	0	2	1	3	0.3	1.8	0.5	4.0	7.5	-	-	-	1.7	0.6	0.8	7	16	0.0	33.3
<b>IV NEUROBLASTOMA</b>	13	9	4	0	3	26	29	7.4	100.0	5.2	100.0	97.0	16.7	5.4	-	2.6	14.4	11.7	190	203	93.1	0.0
a. (Ganglio)neuroblastoma	13	9	4	0	1	26	27	7.4	100.0	4.8	93.1	97.0	16.7	5.4	-	0.9	14.4	11.3	190	195	92.6	0.0
b. Peripheral nervous	0	0	0	0	2	0	2	-	-	0.4	6.9	-	-	-	-	1.7	-	0.4	-	9	100.0	0.0
<b>V RETINOBLASTOMA</b>	3	4	0	0	0	7	7	2.0	100.0	1.2	100.0	22.4	7.4	-	-	-	4.0	3.1	52	52	57.1	0.0
<b>VI RENAL TUMOURS</b>	1	12	1	1	2	15	17	4.3	100.0	3.0	100.0	7.5	22.2	1.4	1.1	1.7	8.2	6.8	109	118	82.4	0.0
a. Nephroblastoma	1	12	1	1	0	15	15	4.3	100.0	2.7	88.2	7.5	22.2	1.4	1.1	-	8.2	6.4	109	109	80.0	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.4	11.8	-	-	-	-	1.7	-	0.4	-	9	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	3	1	0	1	1	5	6	1.4	100.0	1.1	100.0	22.4	1.9	-	1.1	0.9	2.6	2.2	35	40	100.0	0.0
a. Hepatoblastoma	3	1	0	1	0	5	5	1.4	100.0	0.9	83.3	22.4	1.9	-	1.1	-	2.6	2.0	35	35	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	16.7	-	-	-	-	0.9	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	0	6	23	13	29	42	8.3	100.0	7.5	100.0	-	-	8.2	25.7	11.4	10.1	10.4	169	226	100.0	0.0
a. Osteosarcoma	0	0	2	16	8	18	26	5.1	62.1	4.6	61.9	-	-	2.7	17.9	7.0	6.1	6.3	103	138	100.0	0.0
b. Chondrosarcoma	0	0	1	0	1	1	2	0.3	3.4	0.4	4.8	-	-	1.4	-	0.9	0.4	0.5	7	11	100.0	0.0
c. Ewing & related	0	0	3	7	3	10	13	2.9	34.5	2.3	31.0	-	-	4.1	7.8	2.6	3.6	3.4	59	73	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	2.4	-	-	-	-	0.9	-	0.2	-	4	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	0	5	9	8	14	22	36	6.3	100.0	6.4	100.0	-	9.3	12.2	8.9	12.2	9.4	10.0	143	204	100.0	0.0
a. Rhabdomyosarcoma	0	4	9	3	6	16	22	4.6	72.7	3.9	61.1	-	7.4	12.2	3.3	5.2	7.2	6.8	108	134	100.0	0.0
b. Fibrosarcoma	0	0	0	2	1	2	3	0.6	9.1	0.5	8.3	-	-	-	2.2	0.9	0.6	0.7	11	16	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	1	0	2	7	3	10	0.9	13.6	1.8	27.8	-	1.9	-	2.2	6.1	1.2	2.3	19	49	100.0	0.0
e. Unspecified	0	0	0	1	0	1	1	0.3	4.5	0.2	2.8	-	-	-	1.1	-	0.3	0.3	6	6	100.0	0.0
<b>X GERM CELL TUMOURS</b>	2	4	4	7	17	17	34	4.9	100.0	6.1	100.0	14.9	7.4	5.4	7.8	14.9	7.5	9.1	111	185	100.0	0.0
a. CNS germ cell ‡	0	0	1	4	1	5	6	1.4	29.4	1.1	17.6	-	-	1.4	4.5	0.9	1.7	1.5	29	33	100.0	0.0
b. Other extragonadal	1	1	0	0	1	2	3	0.6	11.8	0.5	8.8	7.5	1.9	-	-	0.9	1.1	1.1	15	19	100.0	0.0
c. Gonadal germ cell	1	3	3	3	9	10	19	2.9	58.8	3.4	55.9	7.5	5.6	4.1	3.3	7.9	4.6	5.3	67	106	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	5	0	5	-	-	0.9	14.7	-	-	-	-	4.4	-	1.0	-	22	100.0	0.0
e. Unspecified gonadal	0	0	0	1	0	0	1	-	-	0.2	2.9	-	-	-	-	0.9	-	0.2	-	4	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	3	9	34	13	47	3.7	100.0	8.4	100.0	-	1.9	4.1	10.0	29.7	4.8	10.4	78	227	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	3	12	3	15	0.9	23.1	2.7	31.9	-	-	-	3.3	10.5	1.0	3.1	17	69	100.0	0.0
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.4	4.3	-	-	-	-	1.7	-	0.4	-	9	100.0	0.0
d. Melanoma	0	1	1	2	7	4	11	1.1	30.8	2.0	23.4	-	1.9	1.4	2.2	6.1	1.7	2.7	25	56	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	2	4	13	6	19	1.7	46.2	3.4	40.4	-	-	2.7	4.5	11.4	2.2	4.2	36	93	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	1	2	1	3	0.3	100.0	0.5	100.0	-	-	-	1.1	1.7	0.3	0.6	6	14	100.0	0.0
a. Other specified	0	0	0	1	1	1	2	0.3	100.0	0.4	66.7	-	-	-	1.1	0.9	0.3	0.4	6	10	100.0	0.0
b. Other unspecified	0	0	0	0	1	0	1	-	-	0.2	33.3	-	-	-	-	0.9	-	0.2	-	4	100.0	0.0
<b>TOTAL</b>	29	97	91	133	211	350	561	100.0	100.0	100.0	100.0	216.3	179.5	123.7	148.4	184.5	155.3	161.9	2295	3218	96.8	0.4

† includes 23 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

## SPAIN, Asturias (1992-2010)

	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
<b>I LEUKAEMIA</b>	2	20	22	16	24	60	84	53.5	50.7	1.4	1.6	1	20	8	13	11	42	53	40.6	35.9		
a. Lymphoid	0	16	15	9	12	40	52	36.4	32.8	1.6	1.7	1	16	4	4	6	25	31	26.3	22.8		
b. Acute myeloid	1	2	4	2	9	9	18	8.0	9.7	1.3	1.8	0	2	2	3	3	7	10	6.2	6.0		
c. CMD	0	1	0	3	2	4	6	3.0	3.1	1.3	1.5	0	1	0	2	1	3	4	2.5	2.3		
d. MDS & other	0	0	2	0	1	2	3	1.7	1.7	2.0	3.0	0	1	0	0	0	1	1	1.2	0.9		
e. Unspecified	1	1	1	2	0	5	5	4.4	3.4	0.8	0.7	0	0	2	4	1	6	7	4.5	3.9		
<b>II LYMPHOMA &amp; RELATED</b>	0	2	11	20	44	33	77	24.3	35.8	1.4	1.5	0	3	4	16	28	23	51	17.8	25.0		
a. Hodgkin	0	0	1	13	28	14	42	9.1	17.8	1.1	1.2	0	1	2	10	23	13	36	9.6	16.7		
b. Non-Hodgkin except BL	0	1	6	3	12	10	22	8.1	10.9	1.7	2.0	0	1	1	4	5	6	11	4.7	5.7		
c. Burkitt (BL)	0	1	4	3	2	8	10	6.4	5.8	2.7	3.3	0	1	1	1	0	3	3	2.7	2.1		
d. Lymphoreticular	0	0	0	1	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	2	0	2	-	0.8	0.0	2.0	0	0	0	1	0	1	1	0.7	0.5		
<b>III CNS NEOPLASMS †</b>	0	9	6	12	11	27	38	22.8	21.9	0.9	1.0	4	7	13	6	7	30	37	28.7	25.0		
a. Ependymoma	0	4	0	0	2	4	6	4.5	4.2	1.3	2.0	1	1	1	0	0	3	3	3.3	2.5		
b. Astrocytoma	0	1	3	5	6	9	15	6.8	7.6	0.6	0.8	1	5	6	4	3	16	19	15.1	12.9		
c. CNS embryonal	0	3	1	1	1	5	6	4.8	4.1	0.8	0.8	0	1	4	1	2	6	8	5.4	5.0		
d. Other gliomas	0	1	1	3	0	5	5	3.9	3.0	1.3	1.3	1	0	2	1	0	4	4	3.6	2.8		
e. Other specified	0	0	1	3	1	4	5	2.8	2.5	-	5.0	0	0	0	0	1	0	1	-	0.4		
f. Unspecified CNS	0	0	0	0	1	0	1	-	0.4	0.0	0.5	1	0	0	0	1	1	2	1.2	1.3		
<b>IV NEUROBLASTOMA</b>	8	6	3	0	2	17	19	18.2	14.9	1.9	1.9	5	3	1	0	1	9	10	10.4	8.4		
a. (Ganglio)neuroblastoma	8	6	3	0	1	17	18	18.2	14.5	1.9	2.0	5	3	1	0	0	9	9	10.4	8.0		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4		
<b>V RETINOBLASTOMA</b>	3	2	0	0	0	5	5	5.6	4.3	2.5	2.5	0	2	0	0	0	2	2	2.4	1.8		
<b>VI RENAL TUMOURS</b>	1	7	0	2	8	10	8.9	7.7	1.1	1.4	0	5	1	1	0	7	7	7.5	5.8			
a. Nephroblastoma	1	7	0	0	0	8	8	8.9	6.9	1.1	1.1	0	5	1	1	0	7	7	7.5	5.8		
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.8	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	2	1	0	1	1	4	5	4.0	3.5	4.0	5.0	1	0	0	0	0	1	1	1.2	0.9		
a. Hepatoblastoma	2	1	0	1	0	4	4	4.0	3.1	4.0	4.0	1	0	0	0	0	1	1	1.2	0.9		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	5	10	7	15	22	10.6	10.9	1.1	1.1	0	0	1	13	6	14	20	9.5	9.8		
a. Osteosarcoma	0	0	2	9	6	11	17	7.4	8.1	1.6	1.9	0	0	0	7	2	7	9	4.6	4.4		
b. Chondrosarcoma	0	0	1	0	0	1	1	0.9	0.7	-	1.0	0	0	0	0	1	0	1	-	0.4		
c. Ewing & related	0	0	2	1	1	3	4	2.3	2.2	0.4	0.4	0	0	1	6	2	7	9	4.9	4.6		
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	1	0	1	-	0.4		
<b>IX SOFT TISSUE SARCOMA</b>	0	5	3	3	10	11	21	10.0	11.6	1.0	1.4	0	0	6	5	4	11	15	8.7	8.4		
a. Rhabdomyosarcoma	0	4	3	0	6	7	13	7.0	7.8	0.8	1.4	0	0	6	3	0	9	9	7.4	5.7		
b. Fibrosarcoma	0	0	0	1	1	1	2	0.6	0.9	1.0	2.0	0	0	0	1	0	1	1	0.7	0.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	0	1	3	2	5	1.7	2.5	2.0	1.0	0	0	0	1	4	1	5	0.7	2.1		
e. Unspecified	0	0	0	1	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
<b>X GERM CELL TUMOURS</b>	2	1	1	5	10	9	19	7.4	9.6	1.1	1.3	0	3	3	2	7	8	15	7.6	8.7		
a. CNS germ cell ‡	0	0	1	4	1	5	6	3.4	3.0	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	1	0	0	0	1	1	2	1.1	1.3	1.0	2.0	0	1	0	0	0	1	1	1.2	0.9		
c. Gonadal germ cell	1	1	0	1	8	3	11	2.9	5.3	0.4	1.4	0	2	3	2	1	7	8	6.4	5.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	5	0	5	-	2.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	1	2	13	3	16	2.1	6.6	0.3	0.5	0	1	2	7	21	10	31	7.6	14.4		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	1	1	1	2	0.6	0.9	0.5	0.2	0	0	0	2	11	2	13	1.3	5.5		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4		
d. Melanoma	0	0	0	0	5	0	5	-	1.9	0.0	0.8	0	1	1	2	2	4	6	3.4	3.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	1	6	2	8	1.5	3.5	0.5	0.7	0	0	1	3	7	4	11	2.9	5.1		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	2	0	2	-	0.8	0.0	2.0	0	0	0	1	0	1	1	0.7	0.5		
a. Other specified	0	0	0	0	1	0	1	-	0.4	0.0	1.0	0	0	0	1	0	1	1	0.7	0.5		
b. Other unspecified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>TOTAL</b>	18	53	52	69	126	192	318	167.4	178.3	1.2	1.3	11	44	39	64	85	158	243	142.6	144.7		

† includes 12 non-malignant in males and 11 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

## SPAIN, Asturias (1992-2010)

	Age group	Males	Females
Person-years	0	69 151	64 899
	1-4	277 623	262 714
	5-9	377 279	358 362
	10-14	458 391	437 587
	15-19	584 494	558 997
Total	0-14	1 182 444	1 123 562
	0-19	1 766 938	1 682 559
Average annual population	0-14	62 234	59 135
	0-19	92 997	88 556

Please consult the quality indicators for this registry