

SPAIN, Navarra (1990-2010)

	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	0-19
I LEUKAEMIA	7	36	27	16	10	86	96	29.2	100.0	20.2	100.0	62.0	80.6	48.1	26.1	14.1	52.8	44.1	755	826	97.9	2.1	
a. Lymphoid	4	34	24	9	8	71	79	24.1	82.6	16.6	82.3	35.4	76.1	42.8	14.7	11.3	44.3	36.9	627	683	98.7	1.3	
b. Acute myeloid	2	2	1	4	1	9	10	3.1	10.5	2.1	10.4	17.7	4.5	1.8	6.5	1.4	5.2	4.4	77	84	90.0	10.0	
c. CMD	0	0	1	2	0	3	3	1.0	3.5	0.6	3.1	-	-	1.8	3.3	-	1.5	1.2	25	25	100.0	0.0	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	1	0	1	1	1	3	4	1.0	3.5	0.8	4.2	8.9	-	1.8	1.6	1.4	1.7	1.7	26	33	100.0	0.0	
II LYMPHOMA & RELATED	1	6	11	18	56	36	92	12.2	100.0	19.4	100.0	8.9	13.4	19.6	29.4	78.9	19.7	33.0	308	702	97.8	2.2	
a. Hodgkin	0	0	2	11	33	13	46	4.4	36.1	9.7	50.0	-	-	3.6	18.0	46.5	6.4	15.4	108	340	100.0	0.0	
b. Non-Hodgkin except BL	0	4	3	4	16	11	27	3.7	30.6	5.7	29.3	-	9.0	5.3	6.5	22.5	6.4	10.0	95	208	92.6	7.4	
c. Burkitt (BL)	0	2	3	1	4	6	10	2.0	16.7	2.1	10.9	-	4.5	5.3	1.6	5.6	3.6	4.0	53	81	100.0	0.0	
d. Lymphoreticular	1	0	1	1	2	3	5	1.0	8.3	1.1	5.4	8.9	-	1.8	1.6	2.8	1.7	2.0	26	40	100.0	0.0	
e. Unspecified	0	0	2	1	1	3	4	1.0	8.3	0.8	4.3	-	-	3.6	1.6	1.4	1.6	1.6	26	33	100.0	0.0	
III CNS NEOPLASMS †	3	19	23	16	22	61	83	20.7	100.0	17.5	100.0	26.6	42.5	41.0	26.1	31.0	36.0	34.9	532	687	85.5	0.0	
a. Ependymoma	0	2	2	2	3	6	9	2.0	9.8	1.9	10.8	-	4.5	3.6	3.3	4.2	3.5	3.6	52	73	100.0	0.0	
b. Astrocytoma	2	9	9	6	6	26	32	8.8	42.6	6.7	38.6	17.7	20.1	16.0	9.8	8.5	15.6	14.0	227	270	93.8	0.0	
c. CNS embryonal	0	6	8	2	5	16	21	5.4	26.2	4.4	25.3	-	13.4	14.3	3.3	7.0	9.7	9.1	141	176	100.0	0.0	
d. Other gliomas	1	2	3	2	2	8	10	2.7	13.1	2.1	12.0	8.9	4.5	5.3	3.3	2.8	4.7	4.3	70	84	30.0	0.0	
e. Other specified	0	0	1	3	5	4	9	1.4	6.6	1.9	10.8	-	-	1.8	4.9	7.0	2.0	3.1	33	69	77.8	0.0	
f. Unspecified CNS	0	0	0	1	1	1	2	0.3	1.6	0.4	2.4	-	-	-	1.6	1.4	0.5	0.7	8	15	50.0	0.0	
IV NEUROBLASTOMA	11	8	3	2	1	24	25	8.1	100.0	5.3	100.0	97.4	17.9	5.3	3.3	1.4	15.8	12.6	213	220	100.0	0.0	
a. (Ganglio)neuroblastoma	11	8	3	2	0	24	24	8.1	100.0	5.1	96.0	97.4	17.9	5.3	3.3	-	15.8	12.3	213	213	100.0	0.0	
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.2	4.0	-	-	-	1.4	-	-	0.3	-	7	7	100.0	0.0
V RETINOBLASTOMA	0	7	0	0	0	7	7	2.4	100.0	1.5	100.0	-	15.7	-	-	-	4.8	3.8	63	63	71.4	0.0	
VI RENAL TUMOURS	7	9	0	2	1	18	19	6.1	100.0	4.0	100.0	62.0	20.1	-	3.3	1.4	12.0	9.6	159	166	94.7	0.0	
a. Nephroblastoma	7	9	0	0	1	16	17	5.4	88.9	3.6	89.5	62.0	20.1	-	-	1.4	11.1	8.9	143	150	94.1	0.0	
b. Renal carcinoma	0	0	0	2	0	2	2	0.7	11.1	0.4	10.5	-	-	-	3.3	-	0.9	0.7	16	16	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	0	0	0	1	1	2	0.3	100.0	0.4	100.0	8.9	-	-	-	1.4	0.7	0.9	9	16	100.0	0.0	
a. Hepatoblastoma	1	0	0	0	0	1	1	0.3	100.0	0.2	50.0	8.9	-	-	-	-	0.7	0.5	9	9	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	50.0	-	-	-	1.4	-	-	0.3	-	7	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	2	3	10	16	15	31	5.1	100.0	6.5	100.0	-	4.5	5.3	16.3	22.5	7.9	11.2	126	239	100.0	0.0	
a. Osteosarcoma	0	1	0	5	9	6	15	2.0	40.0	3.2	48.4	-	2.2	-	8.2	12.7	3.1	5.2	50	113	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.2	3.2	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
c. Ewing & related	0	1	3	5	6	9	15	3.1	60.0	3.2	48.4	-	2.2	5.3	8.2	8.5	4.8	5.6	77	119	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	2	7	5	6	18	20	38	6.8	100.0	8.0	100.0	17.7	15.7	8.9	9.8	25.4	11.9	15.0	174	301	100.0	0.0	
a. Rhabdomyosarcoma	0	5	5	3	6	13	19	4.4	65.0	4.0	50.0	-	11.2	8.9	4.9	8.5	7.8	7.9	114	156	100.0	0.0	
b. Fibrosarcoma	0	0	0	0	1	0	1	-	-	0.2	2.6	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	2	0	3	11	6	17	2.0	30.0	3.6	44.7	8.9	4.5	-	4.9	15.5	3.5	6.2	51	129	100.0	0.0	
e. Unspecified	1	0	0	0	0	1	1	0.3	5.0	0.2	2.6	8.9	-	-	-	-	0.7	0.5	9	9	100.0	0.0	
X GERM CELL TUMOURS	2	0	3	0	16	5	21	1.7	100.0	4.4	100.0	17.7	-	5.3	-	22.5	3.1	7.5	45	157	100.0	0.0	
a. CNS germ cell	0	0	1	0	2	1	3	0.3	20.0	0.6	14.3	-	-	1.8	-	2.8	0.6	1.1	9	23	100.0	0.0	
b. Other extragonadal	2	0	0	0	1	2	3	0.7	40.0	0.6	14.3	17.7	-	-	-	1.4	1.4	1.4	18	25	100.0	0.0	
c. Gonadal germ cell	0	0	2	0	13	2	15	0.7	40.0	3.2	71.4	-	-	3.6	-	18.3	1.1	5.0	18	109	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	3	3	16	36	22	58	7.5	100.0	12.2	100.0	-	6.7	5.3	26.1	50.7	11.4	20.2	184	438	100.0	0.0	
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.2	1.7	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
b. Thyroid	0	2	1	8	11	11	22	3.7	50.0	4.6	37.9	-	4.5	1.8	13.1	15.5	5.8	7.9	92	170	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	0	0	1	4	8	5	13	1.7	22.7	2.7	22.4	-	-	1.8	6.5	11.3	2.5	4.5	42	98	100.0	0.0	
e. Skin carcinoma	0	0	1	1	14	2	16	0.7	9.1	3.4	27.6	-	-	1.8	1.6	19.7	1.0	5.2	17	116	100.0	0.0	
f. Other & unspecified	0	1	0	3	2	4	6	1.4	18.2	1.3	10.3	-	2.2	-	4.9	2.8	2.1	2.3	33	48	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	0	0	3	0	3	-	-	0.6	100.0	-	-	-	-	4.2	-	1.0	-	21	21	66.7	0.0
a. Other specified	0	0	0	0	1	0	1	-	-	0.2	33.3	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
b. Other unspecified	0	0	0	0	2	0	2	-	-	0.4	66.7	-	-	-	-	2.8	-	0.6	-	14	14	50.0	0.0
TOTAL	34	97	78	86	180	295	475	100.0	100.0	100.0	100.0	301.0	217.2	139.0	140.5	253.5	176.2	193.6	2568	3835	95.8	0.8	

† includes 25 non-malignant

Please consult the quality indicators for this registry

SPAIN, Navarra (1990-2010)

	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	18	14	11	5	46	51	53.8	44.8	1.1	1.1	4	18	13	5	5	40	45	51.8	43.4				
a. Lymphoid	3	18	14	6	5	41	46	49.3	41.2	1.4	1.4	1	16	10	3	3	30	33	39.1	32.3				
b. Acute myeloid	0	0	0	2	0	2	2	1.8	1.4	0.3	0.3	2	2	1	2	1	7	8	8.9	7.5				
c. CMD	0	0	0	2	0	2	2	1.8	1.4	2.0	2.0	0	0	1	0	0	1	1	1.2	0.9				
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	0	0	1	0	1	1	0.9	0.7	0.5	0.3	1	0	1	0	1	2	3	2.6	2.7				
II LYMPHOMA & RELATED	0	5	10	15	33	30	63	31.6	44.8	5.0	2.2	1	1	1	3	23	6	29	7.0	20.5				
a. Hodgkin	0	0	2	8	18	10	28	9.6	18.5	3.3	1.6	0	0	0	3	15	3	18	2.9	12.1				
b. Non-Hodgkin except BL	0	3	3	4	10	10	20	11.0	14.7	10.0	2.9	0	1	0	0	6	1	7	1.4	5.0				
c. Burkitt (BL)	0	2	3	1	4	6	10	6.9	7.8	-	-	0	0	0	0	0	0	0	-	-				
d. Lymphoreticular	0	0	1	1	1	2	3	2.0	2.2	2.0	1.5	1	0	0	0	1	1	2	1.4	1.8				
e. Unspecified	0	0	1	1	0	2	2	2.0	1.6	2.0	1.0	0	0	1	0	1	1	2	1.2	1.6				
III CNS NEOPLASMS †	2	11	18	9	13	40	53	45.7	43.4	1.9	1.8	1	8	5	7	9	21	30	25.7	25.8				
a. Ependymoma	0	1	2	2	3	5	8	5.4	6.0	5.0	8.0	0	1	0	0	0	1	1	1.4	1.1				
b. Astrocytoma	1	4	6	3	4	14	18	16.1	15.0	1.2	1.3	1	5	3	3	2	12	14	15.1	13.0				
c. CNS embryonal	0	5	7	1	1	13	14	15.4	12.6	4.3	2.0	0	1	1	1	4	3	7	3.6	5.4				
d. Other gliomas	1	1	2	1	1	5	6	5.8	5.1	1.7	1.5	0	1	1	1	1	3	4	3.6	3.4				
e. Other specified	0	0	1	2	3	3	6	2.9	4.1	3.0	2.0	0	0	0	1	2	1	3	1.0	2.1				
f. Unspecified CNS	0	0	0	0	1	0	1	-	0.6	0.0	1.0	0	0	0	1	0	1	1	1.0	0.8				
IV NEUROBLASTOMA	5	2	2	0	1	9	10	11.6	9.6	0.6	0.7	6	6	1	2	0	15	15	20.3	15.7				
a. (Ganglio)neuroblastoma	5	2	2	0	0	9	9	11.6	9.0	0.6	0.6	6	6	1	2	0	15	15	20.3	15.7				
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	0	4	0	0	0	4	4	5.4	4.2	1.3	1.3	0	3	0	0	0	3	3	4.3	3.3				
VI RENAL TUMOURS	2	2	1	0	0	5	5	6.3	4.9	0.4	0.4	5	7	0	1	0	13	14	18.1	14.7				
a. Nephroblastoma	2	2	0	0	0	4	4	5.4	4.2	0.3	0.3	5	7	0	0	1	12	13	17.1	13.9				
b. Renal carcinoma	0	0	0	1	0	1	1	0.9	0.7	1.0	1.0	0	0	0	1	0	1	1	1.0	0.8				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	1	0	0	0	0	1	1	1.3	1.0	-	1.0	0	0	0	0	1	0	1	-	0.7				
a. Hepatoblastoma	1	0	0	0	0	1	1	1.3	1.0	-	-	0	0	0	0	0	0	0	-	-				
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	1	1	2	11	4	15	4.3	10.1	0.4	0.9	0	1	2	8	5	11	16	11.7	12.3				
a. Osteosarcoma	0	1	0	1	5	2	7	2.3	4.8	0.5	0.9	0	0	0	4	4	4	8	3.9	5.7				
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	0	1	1	5	2	7	2.0	4.6	0.3	0.9	0	1	2	4	1	7	8	7.7	6.6				
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	0	-	-				
IX SOFT TISSUE SARCOMA	1	4	4	3	8	12	20	13.9	15.7	1.5	1.1	1	3	1	3	10	8	18	9.8	14.2				
a. Rhabdomyosarcoma	0	3	4	2	5	9	14	10.3	11.1	2.3	2.8	0	2	1	1	4	5	5.0	4.6					
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	1	1	0	1	3	3	6	3.6	4.6	1.0	0.5	0	1	0	2	8	3	11	3.4	7.9				
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.4	1.1				
X GERM CELL TUMOURS	0	0	1	0	12	1	13	1.1	8.2	0.3	1.6	2	0	2	0	4	4	8	5.2	6.7				
a. CNS germ cell	0	0	1	0	0	1	1	1.1	0.9	-	0.5	0	0	0	0	2	0	2	-	1.3				
b. Other extragonadal	0	0	0	0	1	0	1	-	0.6	0.0	0.5	2	0	0	0	0	2	2	2.9	2.2				
c. Gonadal germ cell	0	0	0	0	11	0	11	-	6.8	0.0	2.8	0	0	2	0	2	4	4	2.4	3.2				
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	2	9	11	12	23	11.8	15.9	1.2	0.7	0	2	1	7	25	10	35	10.9	24.8				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	1	0	1	-	-	0.7				
b. Thyroid	0	1	1	5	2	7	9	7.0	6.7	1.8	0.7	0	1	0	3	9	4	13	4.4	9.3				
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Melanoma	0	0	0	1	1	1	2	0.9	1.3	0.3	0.2	0	0	1	3	7	4	11	4.1	7.8				
e. Skin carcinoma	0	0	1	0	6	1	7	1.1	4.5	1.0	0.8	0	0	0	1	8	1	9	1.0	6.0				
f. Other & unspecified	0	0	0	3	2	3	5	2.8	3.4	3.0	5.0	0	1	0	0	0	1	1	1.4	1.1				
XII OTHER & UNSPECIFIED	0	0	0	0	2	0	2	-	1.2	-	2.0	0	0	0	0	1	0	1	-	0.7				
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7				
b. Other unspecified	0	0	0	0	2	0	2	-	1.2	-	-	0	0	0	0	0	0	0	-	-				
TOTAL	14	48	52	50	96	164	260	186.9	203.8	1.3	1.2	20	49	26	36	84	131	215	164.8	182.7				

† includes 17 non-malignant in males and 8 non-malignant in females

Please consult the quality indicators for this registry

SPAIN, Navarra (1990-2010)

	Age group	Males	Females
Person-years	0	58 369	54 605
	1-4	230 203	216 449
	5-9	289 923	271 360
	10-14	316 317	295 764
	15-19	366 253	343 767
Total	0-14	894 812	838 178
	0-19	1 261 065	1 181 945
Average annual population	0-14	42 610	39 913
	0-19	60 051	56 283

Please consult the quality indicators for this registry