

SPAIN, Valencia, paediatric (1991-2010)

	Number of cases					Percentage		Incidence rates per million person-years					MV	DCO	
	Age group					0-14		Age-specific					Cumulative	%	%
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14	0-14			
I LEUKAEMIA	38	302	174	131	645	29.3	100.0	46.7	89.3	39.5	26.5	51.8	735	99.8	0.2
a. Lymphoid	19	245	141	91	496	22.5	76.9	23.3	72.4	32.0	18.4	40.0	567	100.0	0.0
b. Acute myeloid	13	48	27	37	125	5.7	19.4	16.0	14.2	6.1	7.5	9.8	141	100.0	0.0
c. CMD	1	1	4	3	9	0.4	1.4	1.2	0.3	0.9	0.6	0.7	10	100.0	0.0
d. MDS & other	2	3	0	0	5	0.2	0.8	2.5	0.9	-	-	0.5	6	100.0	0.0
e. Unspecified	3	5	2	0	10	0.5	1.6	3.7	1.5	0.5	-	0.9	12	90.0	10.0
II LYMPHOMA & RELATED	9	61	63	131	264	12.0	100.0	11.1	18.0	14.3	26.5	18.8	288	100.0	0.0
a. Hodgkin	0	5	15	56	76	3.4	28.8	-	1.5	3.4	11.3	4.9	80	100.0	0.0
b. Non-Hodgkin except BL	1	23	19	43	86	3.9	32.6	1.2	6.8	4.3	8.7	6.1	94	100.0	0.0
c. Burkitt (BL)	1	29	28	32	90	4.1	34.1	1.2	8.6	6.4	6.5	6.7	100	100.0	0.0
d. Lymphoreticular	7	4	0	0	11	0.5	4.2	8.6	1.2	-	-	1.0	13	100.0	0.0
e. Unspecified	0	0	1	0	1	0.0	0.4	-	-	0.2	-	0.1	1	100.0	0.0
III CNS NEOPLASMS †	34	157	179	165	535	24.3	100.0	41.8	46.4	40.6	33.4	40.4	598	77.9	0.0
a. Ependymoma	4	22	15	12	53	2.4	9.9	4.9	6.5	3.4	2.4	4.2	60	94.3	0.0
b. Astrocytoma	14	67	69	72	222	10.1	41.5	17.2	19.8	15.7	14.6	16.8	248	81.1	0.0
c. CNS embryonal	11	36	40	30	117	5.3	21.9	13.5	10.6	9.1	6.1	9.0	132	97.4	0.0
d. Other gliomas	1	15	23	12	51	2.3	9.5	1.2	4.4	5.2	2.4	3.9	57	31.4	0.0
e. Other specified	4	11	19	30	64	2.9	12.0	4.9	3.3	4.3	6.1	4.5	70	82.8	0.0
f. Unspecified CNS	0	6	13	9	28	1.3	5.2	-	1.8	3.0	1.8	2.0	31	14.3	0.0
IV NEUROBLASTOMA	85	92	11	3	191	8.7	100.0	104.4	27.2	2.5	0.6	17.3	226	98.4	0.0
a. (Ganglio)neuroblastoma	84	92	10	3	189	8.6	99.0	103.2	27.2	2.3	0.6	17.1	224	98.4	0.0
b. Peripheral nervous	1	0	1	0	2	0.1	1.0	1.2	-	0.2	-	0.2	2	100.0	0.0
V RETINOBLASTOMA	11	37	6	0	54	2.5	100.0	13.5	10.9	1.4	-	4.9	64	88.9	0.0
VI RENAL TUMOURS	19	52	21	4	96	4.4	100.0	23.3	15.4	4.8	0.8	8.3	112	97.9	0.0
a. Nephroblastoma	19	52	19	3	93	4.2	96.9	23.3	15.4	4.3	0.6	8.1	109	97.8	0.0
b. Renal carcinoma	0	0	1	1	2	0.1	2.1	-	-	0.2	0.2	0.1	2	100.0	0.0
c. Unspecified	0	0	1	0	1	0.0	1.0	-	-	0.2	-	0.1	1	100.0	0.0
VII HEPATIC TUMOURS	10	11	1	4	26	1.2	100.0	12.3	3.3	0.2	0.8	2.2	30	100.0	0.0
a. Hepatoblastoma	10	11	0	1	22	1.0	84.6	12.3	3.3	-	0.2	2.0	26	100.0	0.0
b. Hepatic carcinoma	0	0	1	3	4	0.2	15.4	-	-	0.2	0.6	0.2	4	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	1	8	39	80	128	5.8	100.0	1.2	2.4	8.9	16.2	8.4	136	100.0	0.0
a. Osteosarcoma	0	1	12	44	57	2.6	44.5	-	0.3	2.7	8.9	3.6	59	100.0	0.0
b. Chondrosarcoma	0	0	0	1	1	0.0	0.8	-	-	-	0.2	0.1	1	100.0	0.0
c. Ewing & related	1	5	24	34	64	2.9	50.0	1.2	1.5	5.4	6.9	4.3	69	100.0	0.0
d. Other specified	0	1	3	1	5	0.2	3.9	-	0.3	0.7	0.2	0.4	6	100.0	0.0
e. Unspecified	0	1	0	0	1	0.0	0.8	-	0.3	-	-	0.1	1	100.0	0.0
IX SOFT TISSUE SARCOMA	19	44	40	44	147	6.7	100.0	23.3	13.0	9.1	8.9	11.3	165	100.0	0.0
a. Rhabdomyosarcoma	7	36	25	17	85	3.9	57.8	8.6	10.6	5.7	3.4	6.8	97	100.0	0.0
b. Fibrosarcoma	8	3	3	5	19	0.9	12.9	9.8	0.9	0.7	1.0	1.5	22	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	4	12	16	35	1.6	23.8	3.7	1.2	2.7	3.2	2.5	38	100.0	0.0
e. Unspecified	1	1	0	6	8	0.4	5.4	1.2	0.3	-	1.2	0.5	8	100.0	0.0
X GERM CELL TUMOURS	7	7	3	30	47	2.1	100.0	8.6	2.1	0.7	6.1	3.3	50	100.0	0.0
a. CNS germ cell ‡	1	2	1	6	10	0.5	21.3	1.2	0.6	0.2	1.2	0.7	11	100.0	0.0
b. Other extragonadal	4	4	0	2	10	0.5	21.3	4.9	1.2	-	0.4	0.9	12	100.0	0.0
c. Gonadal germ cell	2	1	2	20	25	1.1	53.2	2.5	0.3	0.5	4.1	1.6	26	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	2	0.1	4.3	-	-	-	0.4	0.1	2	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	4	2	11	49	66	3.0	100.0	4.9	0.6	2.5	9.9	4.2	69	100.0	0.0
a. Adrenocortical	0	0	1	2	3	0.1	4.5	-	-	0.2	0.4	0.2	3	100.0	0.0
b. Thyroid	2	1	2	26	31	1.4	47.0	2.5	0.3	0.5	5.3	2.0	32	100.0	0.0
c. Nasopharyngeal	0	0	2	2	4	0.2	6.1	-	-	0.5	0.4	0.3	4	100.0	0.0
d. Melanoma	2	1	4	6	13	0.6	19.7	2.5	0.3	0.9	1.2	0.9	14	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	2	13	15	0.7	22.7	-	-	0.5	2.6	0.9	15	100.0	0.0
XII OTHER & UNSPECIFIED	0	2	0	3	5	0.2	100.0	-	0.6	-	0.6	0.4	5	80.0	0.0
a. Other specified	0	1	0	1	2	0.1	40.0	-	0.3	-	0.2	0.2	2	100.0	0.0
b. Other unspecified	0	1	0	2	3	0.1	60.0	-	0.3	-	0.4	0.2	3	66.7	0.0
TOTAL	237	775	548	644	2204	100.0	100.0	291.1	229.1	124.4	130.4	171.3	2480	94.1	0.0

† includes 154 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

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	Males						M/F ratio	Females					
	Number of cases in age groups					ASR per million		Number of cases in age groups					ASR per million
	0	1-4	5-9	10-14	0-14			0	1-4	5-9	10-14	0-14	
I LEUKAEMIA	20	166	100	69	355	55.5	1.2	18	136	74	62	290	47.9
a. Lymphoid	7	135	81	51	274	42.8	1.2	12	110	60	40	222	37.1
b. Acute myeloid	8	28	17	15	68	10.6	1.2	5	20	10	22	57	8.9
c. CMD	1	1	2	3	7	1.0	3.5	0	0	2	0	2	0.3
d. MDS & other	2	0	0	0	2	0.4	0.7	0	3	0	0	3	0.6
e. Unspecified	2	2	0	0	4	0.7	0.7	1	3	2	0	6	1.1
II LYMPHOMA & RELATED	4	46	48	82	180	25.2	2.1	5	15	15	49	84	12.0
a. Hodgkin	0	5	12	24	41	5.4	1.2	0	0	3	32	35	4.3
b. Non-Hodgkin except BL	0	17	9	35	61	8.3	2.4	1	6	10	8	25	3.8
c. Burkitt (BL)	1	22	26	23	72	10.5	4.0	0	7	2	9	18	2.7
d. Lymphoreticular	3	2	0	0	5	0.9	0.8	4	2	0	0	6	1.1
e. Unspecified	0	0	1	0	1	0.1	-	0	0	0	0	0	-
III CNS NEOPLASMS †	20	95	88	88	291	43.2	1.2	14	62	91	77	244	37.5
a. Ependymoma	1	16	6	9	32	4.9	1.5	3	6	9	3	21	3.4
b. Astrocytoma	9	38	32	41	120	17.7	1.2	5	29	37	31	102	15.8
c. CNS embryonal	6	23	25	17	71	10.7	1.5	5	13	15	13	46	7.3
d. Other gliomas	0	8	10	3	21	3.2	0.7	1	7	13	9	30	4.6
e. Other specified	4	7	11	13	35	5.0	1.2	0	4	8	17	29	4.0
f. Unspecified CNS	0	3	4	5	12	1.7	0.8	0	3	9	4	16	2.4
IV NEUROBLASTOMA	48	50	6	2	106	18.6	1.2	37	42	5	1	85	15.9
a. (Ganglio)neuroblastoma	47	50	5	2	104	18.3	1.2	37	42	5	1	85	15.9
b. Peripheral nervous	1	0	1	0	2	0.3	-	0	0	0	0	0	-
V RETINOBLASTOMA	9	15	3	0	27	4.7	1.0	2	22	3	0	27	5.0
VI RENAL TUMOURS	11	24	11	3	49	8.2	1.0	8	28	10	1	47	8.5
a. Nephroblastoma	11	24	10	2	47	7.9	1.0	8	28	9	1	46	8.3
b. Renal carcinoma	0	0	0	1	1	0.1	1.0	0	0	1	0	1	0.2
c. Unspecified	0	0	1	0	1	0.1	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	2	6	1	1	10	1.7	0.6	8	5	0	3	16	2.8
a. Hepatoblastoma	2	6	0	0	8	1.4	0.6	8	5	0	1	14	2.6
b. Hepatic carcinoma	0	0	1	1	2	0.3	1.0	0	0	0	2	2	0.2
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VIII BONE TUMOURS	0	6	20	41	67	8.6	1.1	1	2	19	39	61	8.1
a. Osteosarcoma	0	0	4	22	26	3.1	0.8	0	1	8	22	31	4.1
b. Chondrosarcoma	0	0	0	0	0	-	0.0	0	0	0	1	1	0.1
c. Ewing & related	0	4	14	19	37	4.9	1.4	1	1	10	15	27	3.7
d. Other specified	0	1	2	0	3	0.5	1.5	0	0	1	1	2	0.3
e. Unspecified	0	1	0	0	1	0.2	-	0	0	0	0	0	-
IX SOFT TISSUE SARCOMA	7	23	25	11	66	10.2	0.8	12	21	15	33	81	12.5
a. Rhabdomyosarcoma	3	19	16	4	42	6.7	1.0	4	17	9	13	43	6.9
b. Fibrosarcoma	3	2	2	2	9	1.4	0.9	5	1	1	3	10	1.7
c. Kaposi sarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
d. Other specified	1	2	7	4	14	2.0	0.7	2	2	5	12	21	3.0
e. Unspecified	0	0	0	1	1	0.1	0.1	1	1	0	5	7	1.0
X GERM CELL TUMOURS	4	3	0	8	15	2.2	0.5	3	4	3	22	32	4.4
a. CNS germ cell ‡	0	1	0	6	7	0.9	2.3	1	1	1	0	3	0.5
b. Other extragonadal	2	1	0	0	3	0.5	0.4	2	3	0	2	7	1.2
c. Gonadal germ cell	2	1	0	2	5	0.8	0.3	0	0	2	18	20	2.5
d. Gonadal carcinoma	0	0	0	0	0	-	0.0	0	0	0	2	2	0.2
e. Unspecified gonadal	0	0	0	0	0	-	-	0	0	0	0	0	-
XI CARCINOMA & MELANOMA	3	2	5	17	27	3.6	0.7	1	0	6	32	39	5.0
a. Adrenocortical	0	0	1	0	1	0.1	0.5	0	0	0	2	2	0.2
b. Thyroid	2	1	0	5	8	1.1	0.3	0	0	2	21	23	2.8
c. Nasopharyngeal	0	0	2	1	3	0.4	3.0	0	0	0	1	1	0.1
d. Melanoma	1	1	1	3	6	0.8	0.9	1	0	3	3	7	1.0
e. Skin carcinoma	0	0	0	0	0	-	-	0	0	0	0	0	-
f. Other & unspecified	0	0	1	8	9	1.1	1.5	0	0	1	5	6	0.8
XII OTHER & UNSPECIFIED	0	1	0	2	3	0.4	1.5	0	1	0	1	2	0.3
a. Other specified	0	1	0	0	1	0.2	1.0	0	0	0	1	1	0.1
b. Other unspecified	0	0	0	2	2	0.2	2.0	0	1	0	0	1	0.2
TOTAL	128	437	307	324	1196	182.0	1.2	109	338	241	320	1008	160.0

† includes 84 non-malignant in males and 70 non-malignant in females ‡ includes 2 non-malignant in males

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	Age group	Males	Females
Person-years	0	420 245	393 907
	1-4	1 740 805	1 641 733
	5-9	2 264 254	2 141 667
	10-14	2 535 580	2 402 020
Total	0-14	6 960 884	6 579 327
Average annual population	0-14	348 044	328 966

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