

SPAIN, 2 paediatric registries (1991-2013)

	Number of cases					Percentage		Incidence rates per million person-years					MV % 0-14	DCO % 0-14	
	Age group					0-14		Age-specific				Cumulative 0-14			
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14				0-14
I LEUKAEMIA	128	1010	634	461	2233	29.8	100.0	37.9	76.0	40.3	29.3	48.0	690	100.0	0.0
a. Lymphoid	64	833	515	325	1737	23.2	77.8	19.0	62.7	32.8	20.7	37.4	536	100.0	0.0
b. Acute myeloid	45	153	98	114	410	5.5	18.4	13.3	11.5	6.2	7.3	8.7	127	100.0	0.0
c. CMD	4	5	12	12	33	0.4	1.5	1.2	0.4	0.8	0.8	0.7	10	100.0	0.0
d. MDS & other	9	10	3	2	24	0.3	1.1	2.7	0.8	0.2	0.1	0.5	7	100.0	0.0
e. Unspecified	6	9	6	8	29	0.4	1.3	1.8	0.7	0.4	0.5	0.6	9	96.6	3.4
II LYMPHOMA & RELATED	16	173	319	429	937	12.5	100.0	4.7	13.0	20.3	27.3	18.9	295	100.0	0.0
a. Hodgkin	1	18	84	222	325	4.3	34.7	0.3	1.4	5.3	14.1	6.3	103	100.0	0.0
b. Non-Hodgkin except BL	4	67	114	135	320	4.3	34.2	1.2	5.0	7.3	8.6	6.5	101	100.0	0.0
c. Burkitt (BL)	2	81	120	72	275	3.7	29.3	0.6	6.1	7.6	4.6	5.7	86	100.0	0.0
d. Lymphoreticular	9	7	0	0	16	0.2	1.7	2.7	0.5	-	-	0.4	5	100.0	0.0
e. Unspecified	0	0	1	0	1	0.0	0.1	-	-	0.1	-	0.0	0	100.0	0.0
III CNS NEOPLASMS †	118	564	567	461	1710	22.8	100.0	34.9	42.5	36.1	29.3	36.0	532	79.4	0.0
a. Ependymoma	23	89	42	43	197	2.6	11.5	6.8	6.7	2.7	2.7	4.3	61	98.0	0.0
b. Astrocytoma	35	216	213	184	648	8.6	37.9	10.4	16.3	13.6	11.7	13.6	202	81.8	0.0
c. CNS embryonal	33	144	132	73	382	5.1	22.3	9.8	10.8	8.4	4.6	8.2	118	98.4	0.0
d. Other gliomas	6	62	87	53	208	2.8	12.2	1.8	4.7	5.5	3.4	4.3	65	32.7	0.0
e. Other specified	17	39	62	82	200	2.7	11.7	5.0	2.9	3.9	5.2	4.1	63	88.5	0.0
f. Unspecified CNS	4	14	31	26	75	1.0	4.4	1.2	1.1	2.0	1.7	1.5	24	17.3	0.0
IV NEUROBLASTOMA	293	284	55	14	646	8.6	100.0	86.8	21.4	3.5	0.9	14.8	195	95.7	0.0
a. (Ganglio)neuroblastoma	291	282	53	13	639	8.5	98.9	86.2	21.2	3.4	0.8	14.6	193	95.8	0.0
b. Peripheral nervous	2	2	2	1	7	0.1	1.1	0.6	0.2	0.1	0.1	0.2	2	85.7	0.0
V RETINOBLASTOMA	78	124	12	1	215	2.9	100.0	23.1	9.3	0.8	0.1	5.0	65	37.7	0.0
VI RENAL TUMOURS	65	220	60	14	359	4.8	100.0	19.2	16.6	3.8	0.9	8.1	109	87.2	0.0
a. Nephroblastoma	65	220	57	11	353	4.7	98.3	19.2	16.6	3.6	0.7	8.0	107	87.0	0.0
b. Renal carcinoma	0	0	2	3	5	0.1	1.4	-	-	0.1	0.2	0.1	2	100.0	0.0
c. Unspecified	0	0	1	0	1	0.0	0.3	-	-	0.1	-	0.0	0	100.0	0.0
VII HEPATIC TUMOURS	28	49	12	10	99	1.3	100.0	8.3	3.7	0.8	0.6	2.2	30	96.0	0.0
a. Hepatoblastoma	27	48	7	4	86	1.1	86.9	8.0	3.6	0.4	0.3	2.0	26	96.5	0.0
b. Hepatic carcinoma	1	1	5	6	13	0.2	13.1	0.3	0.1	0.3	0.4	0.3	4	92.3	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	3	34	128	264	429	5.7	100.0	0.9	2.6	8.1	16.8	8.4	136	99.8	0.0
a. Osteosarcoma	0	7	44	124	175	2.3	40.8	-	0.5	2.8	7.9	3.4	56	100.0	0.0
b. Chondrosarcoma	0	0	0	5	5	0.1	1.2	-	-	-	0.3	0.1	2	100.0	0.0
c. Ewing & related	3	24	81	132	240	3.2	55.9	0.9	1.8	5.2	8.4	4.7	76	100.0	0.0
d. Other specified	0	2	3	3	8	0.1	1.9	-	0.2	0.2	0.2	0.2	3	87.5	0.0
e. Unspecified	0	1	0	0	1	0.0	0.2	-	0.1	-	-	0.0	0	100.0	0.0
IX SOFT TISSUE SARCOMA	55	139	127	148	469	6.3	100.0	16.3	10.5	8.1	9.4	9.8	146	99.6	0.0
a. Rhabdomyosarcoma	21	98	71	45	235	3.1	50.1	6.2	7.4	4.5	2.9	5.1	73	100.0	0.0
b. Fibrosarcoma	17	7	11	17	52	0.7	11.1	5.0	0.5	0.7	1.1	1.1	16	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
d. Other specified	15	27	39	67	148	2.0	31.6	4.4	2.0	2.5	4.3	3.0	46	98.6	0.0
e. Unspecified	2	7	6	19	34	0.5	7.2	0.6	0.5	0.4	1.2	0.7	11	100.0	0.0
X GERM CELL TUMOURS	45	46	39	92	222	3.0	100.0	13.3	3.5	2.5	5.9	4.6	69	95.0	0.0
a. CNS germ cell ‡	8	3	24	32	67	0.9	30.2	2.4	0.2	1.5	2.0	1.3	21	88.1	0.0
b. Other extragonadal	24	26	2	5	57	0.8	25.7	7.1	2.0	0.1	0.3	1.3	17	94.7	0.0
c. Gonadal germ cell	13	17	13	53	96	1.3	43.2	3.8	1.3	0.8	3.4	1.9	30	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	2	0.0	0.9	-	-	-	0.1	0.0	1	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	7	14	39	106	166	2.2	100.0	2.1	1.1	2.5	6.7	3.2	52	99.4	0.0
a. Adrenocortical	1	2	3	2	8	0.1	4.8	0.3	0.2	0.2	0.1	0.2	2	100.0	0.0
b. Thyroid	2	5	12	48	67	0.9	40.4	0.6	0.4	0.8	3.1	1.3	21	98.5	0.0
c. Nasopharyngeal	0	0	2	5	7	0.1	4.2	-	-	0.1	0.3	0.1	2	100.0	0.0
d. Melanoma	3	6	12	17	38	0.5	22.9	0.9	0.5	0.8	1.1	0.8	12	100.0	0.0
e. Skin carcinoma	1	0	1	3	5	0.1	3.0	0.3	-	0.1	0.2	0.1	2	100.0	0.0
f. Other & unspecified	0	1	9	31	41	0.5	24.7	-	0.1	0.6	2.0	0.8	13	100.0	0.0
XII OTHER & UNSPECIFIED	2	4	2	3	11	0.1	100.0	0.6	0.3	0.1	0.2	0.2	3	90.9	0.0
a. Other specified	2	3	0	1	6	0.1	54.5	0.6	0.2	-	0.1	0.1	2	100.0	0.0
b. Other unspecified	0	1	2	2	5	0.1	45.5	-	0.1	0.1	0.1	0.1	2	80.0	0.0
TOTAL	838	2661	1994	2003	7496	100.0	100.0	248.2	200.3	126.9	127.5	159.2	2322	92.2	0.0

† includes 533 non-malignant ‡ includes 9 non-malignant

Please consult the quality indicators for the constituent registries

SPAIN, 2 paediatric registries (1991-2013)

	Males						M/F ratio	Females					
	Number of cases in age groups					ASR per million 0-14		0-14	Number of cases in age groups				ASR per million 0-14
	0	1-4	5-9	10-14	0-14				0	1-4	5-9	10-14	
I LEUKAEMIA	68	570	368	264	1270	53.0	1.3	60	440	266	197	963	42.6
a. Lymphoid	29	476	306	187	998	41.7	1.4	35	357	209	138	739	32.8
b. Acute myeloid	28	85	53	63	229	9.5	1.3	17	68	45	51	181	7.9
c. CMD	2	3	5	8	18	0.7	1.2	2	2	7	4	15	0.6
d. MDS & other	7	3	1	1	12	0.5	1.0	2	7	2	1	12	0.6
e. Unspecified	2	3	3	5	13	0.5	0.8	4	6	3	3	16	0.7
II LYMPHOMA & RELATED	7	126	248	267	648	25.5	2.2	9	47	71	162	289	11.8
a. Hodgkin	1	16	68	126	211	8.0	1.9	0	2	16	96	114	4.4
b. Non-Hodgkin except BL	1	45	73	91	210	8.3	1.9	3	22	41	44	110	4.6
c. Burkitt (BL)	1	62	106	50	219	8.9	3.9	1	19	14	22	56	2.4
d. Lymphoreticular	4	3	0	0	7	0.3	0.8	5	4	0	0	9	0.4
e. Unspecified	0	0	1	0	1	0.0	-	0	0	0	0	0	-
III CNS NEOPLASMS †	68	321	295	241	925	38.0	1.2	50	243	272	220	785	33.9
a. Ependymoma	10	54	20	29	113	4.7	1.3	13	35	22	14	84	3.8
b. Astrocytoma	22	116	102	98	338	13.8	1.1	13	100	111	86	310	13.4
c. CNS embryonal	16	92	85	41	234	9.7	1.6	17	52	47	32	148	6.5
d. Other gliomas	2	29	37	22	90	3.7	0.8	4	33	50	31	118	5.1
e. Other specified	16	24	37	38	115	4.7	1.4	1	15	25	44	85	3.5
f. Unspecified CNS	2	6	14	13	35	1.4	0.9	2	8	17	13	40	1.7
IV NEUROBLASTOMA	154	155	25	6	340	15.2	1.1	139	129	30	8	306	14.4
a. (Ganglio)neuroblastoma	153	154	24	5	336	15.0	1.1	138	128	29	8	303	14.3
b. Peripheral nervous	1	1	1	1	4	0.2	1.3	1	1	1	0	3	0.1
V RETINOBLASTOMA	40	65	7	1	113	5.1	1.1	38	59	5	0	102	4.9
VI RENAL TUMOURS	37	104	34	7	182	8.0	1.0	28	116	26	7	177	8.3
a. Nephroblastoma	37	104	33	5	179	7.9	1.0	28	116	24	6	174	8.1
b. Renal carcinoma	0	0	0	2	2	0.1	0.7	0	0	2	1	3	0.1
c. Unspecified	0	0	1	0	1	0.0	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	15	31	9	5	60	2.6	1.5	13	18	3	5	39	1.8
a. Hepatoblastoma	14	30	4	2	50	2.2	1.4	13	18	3	2	36	1.7
b. Hepatic carcinoma	1	1	5	3	10	0.4	3.3	0	0	0	3	3	0.1
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VIII BONE TUMOURS	1	20	76	150	247	9.4	1.4	2	14	52	114	182	7.3
a. Osteosarcoma	0	3	20	66	89	3.3	1.0	0	4	24	58	86	3.4
b. Chondrosarcoma	0	0	0	3	3	0.1	1.5	0	0	0	2	2	0.1
c. Ewing & related	1	14	54	80	149	5.7	1.6	2	10	27	52	91	3.7
d. Other specified	0	2	2	1	5	0.2	1.7	0	0	1	2	3	0.1
e. Unspecified	0	1	0	0	1	0.0	-	0	0	0	0	0	-
IX SOFT TISSUE SARCOMA	28	72	77	72	249	10.2	1.1	27	67	50	76	220	9.5
a. Rhabdomyosarcoma	11	50	47	21	129	5.4	1.2	10	48	24	24	106	4.7
b. Fibrosarcoma	9	6	6	8	29	1.2	1.3	8	1	5	9	23	1.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
d. Other specified	8	12	20	33	73	2.9	1.0	7	15	19	34	75	3.1
e. Unspecified	0	4	4	10	18	0.7	1.1	2	3	2	9	16	0.7
X GERM CELL TUMOURS	24	30	15	38	107	4.4	0.9	21	16	24	54	115	4.8
a. CNS germ cell ‡	3	2	15	27	47	1.8	2.4	5	1	9	5	20	0.9
b. Other extragonadal	8	12	0	1	21	0.9	0.6	16	14	2	4	36	1.7
c. Gonadal germ cell	13	16	0	10	39	1.7	0.7	0	1	13	43	57	2.2
d. Gonadal carcinoma	0	0	0	0	0	-	0.0	0	0	0	2	2	0.1
e. Unspecified gonadal	0	0	0	0	0	-	-	0	0	0	0	0	-
XI CARCINOMA & MELANOMA	5	6	16	36	63	2.4	0.6	2	8	23	70	103	4.1
a. Adrenocortical	0	0	1	0	1	0.0	0.1	1	2	2	2	7	0.3
b. Thyroid	2	3	4	9	18	0.7	0.4	0	2	8	39	49	1.9
c. Nasopharyngeal	0	0	2	3	5	0.2	2.5	0	0	0	2	2	0.1
d. Melanoma	2	3	3	8	16	0.6	0.7	1	3	9	9	22	0.9
e. Skin carcinoma	1	0	1	1	3	0.1	1.5	0	0	0	2	2	0.1
f. Other & unspecified	0	0	5	15	20	0.7	1.0	0	1	4	16	21	0.8
XII OTHER & UNSPECIFIED	1	2	2	2	7	0.3	1.8	1	2	0	1	4	0.2
a. Other specified	1	2	0	0	3	0.1	1.0	1	1	0	1	3	0.1
b. Other unspecified	0	0	2	2	4	0.2	4.0	0	1	0	0	1	0.0
TOTAL	448	1502	1172	1089	4211	174.0	1.3	390	1159	822	914	3285	143.6

† includes 286 non-malignant in males and 247 non-malignant in females ‡ includes 8 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for the constituent registries

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	Age group	Males	Females
Person-years	0	1 740 730	1 636 057
	1-4	6 835 469	6 449 192
	5-9	8 073 862	7 645 238
	10-14	8 071 330	7 639 327
Total	0-14	24 721 391	23 369 814
Average annual population	0-14	1 074 843	1 016 079

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Registry	Period	Cases	%	Person-years	%
Selected regions, paediatric	2000-2013	5292	70.6	34 550 994	71.8
Valencia, paediatric	1991-2010	2204	29.4	13 540 211	28.2
SPAIN	1991-2013	7496	100.0	48 091 205	100.0

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International Incidence of Childhood Cancer Volume III <http://iicc.iarc.fr/results>