

## ARGENTINA, Chaco (2002-2012)

	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	0-19			0-14	0-19	
<b>I LEUKAEMIA</b>	4	49	37	38	24	128	152	27.1	100.0	24.6	100.0	16.9	52.6	30.8	30.1	19.9	36.3	32.6	532	631	96.7	2.0	
a. Lymphoid	2	34	22	19	13	77	90	16.3	60.2	14.6	59.2	8.5	36.5	18.3	15.1	10.8	22.2	19.6	321	375	100.0	0.0	
b. Acute myeloid	2	7	7	12	6	28	34	5.9	21.9	5.5	22.4	8.5	7.5	5.8	9.5	5.0	7.6	7.0	115	140	97.1	0.0	
c. CMD	0	0	1	1	0	2	2	0.4	1.6	0.3	1.3	-	-	0.8	0.8	-	0.5	0.4	8	8	100.0	0.0	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	8	7	6	5	21	26	4.4	16.4	4.2	17.1	-	8.6	5.8	4.8	4.1	5.9	5.5	87	108	84.6	11.5	
<b>II LYMPHOMA &amp; RELATED</b>	4	29	44	28	23	105	128	22.2	100.0	20.7	100.0	16.9	31.1	36.6	22.2	19.1	29.2	26.9	435	531	100.0	0.0	
a. Hodgkin	0	4	15	9	15	28	43	5.9	26.7	7.0	33.6	-	4.3	12.5	7.1	12.4	7.4	8.5	115	177	100.0	0.0	
b. Non-Hodgkin except BL	0	13	17	15	3	45	48	9.5	42.9	7.8	37.5	-	14.0	14.1	11.9	2.5	12.3	10.1	186	198	100.0	0.0	
c. Burkitt (BL)	0	5	6	0	0	11	11	2.3	10.5	1.8	8.6	-	5.4	5.0	-	-	3.3	2.5	46	46	100.0	0.0	
d. Lymphoreticular	4	6	3	3	1	16	17	3.4	15.2	2.8	13.3	16.9	6.4	2.5	2.4	0.8	4.8	3.9	67	71	100.0	0.0	
e. Unspecified	0	1	3	1	4	5	9	1.1	4.8	1.5	7.0	-	1.1	2.5	0.8	3.3	1.4	1.8	21	37	100.0	0.0	
<b>III CNS NEOPLASMS †</b>	3	23	31	26	12	83	95	17.5	100.0	15.4	100.0	12.7	24.7	25.8	20.6	9.9	22.9	20.0	343	393	87.4	0.0	
a. Ependymoma	2	5	5	1	1	13	14	2.7	15.7	2.3	14.7	8.5	5.4	4.2	0.8	0.8	3.9	3.2	55	59	100.0	0.0	
b. Astrocytoma	0	5	12	11	8	28	36	5.9	33.7	5.8	37.9	-	5.4	10.0	8.7	6.6	7.4	7.2	115	148	83.3	0.0	
c. CNS embryonal	0	4	6	7	2	17	19	3.6	20.5	3.1	20.0	-	4.3	5.0	5.6	1.7	4.5	3.9	70	78	100.0	0.0	
d. Other gliomas	0	0	1	1	1	2	3	0.4	2.4	0.5	3.2	-	-	0.8	0.8	0.8	0.5	0.6	8	12	100.0	0.0	
e. Other specified	0	0	3	0	0	3	3	0.6	3.6	0.5	3.2	-	-	2.5	-	-	0.8	0.6	12	12	100.0	0.0	
f. Unspecified CNS	1	9	4	6	0	20	20	4.2	24.1	3.2	21.1	4.2	9.7	3.3	4.8	-	5.8	4.5	83	83	70.0	0.0	
<b>IV NEUROBLASTOMA</b>	5	8	2	1	0	16	16	3.4	100.0	2.6	100.0	21.2	8.6	1.7	0.8	-	5.1	3.9	68	68	100.0	0.0	
a. (Ganglio)neuroblastoma	5	8	2	1	0	16	16	3.4	100.0	2.6	100.0	21.2	8.6	1.7	0.8	-	5.1	3.9	68	68	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>V RETINOBLASTOMA</b>	4	8	2	0	0	14	14	3.0	100.0	2.3	100.0	16.9	8.6	1.7	-	-	4.5	3.5	60	60	100.0	0.0	
<b>VI RENAL TUMOURS</b>	4	12	3	4	0	23	23	4.9	100.0	3.7	100.0	16.9	12.9	2.5	3.2	-	7.0	5.4	97	97	91.3	0.0	
a. Nephroblastoma	4	12	3	3	0	22	22	4.7	95.7	3.6	95.7	16.9	12.9	2.5	2.4	-	6.8	5.3	93	93	95.5	0.0	
b. Renal carcinoma	0	0	0	1	0	1	1	0.2	4.3	0.2	4.3	-	-	-	0.8	-	0.2	0.2	4	4	0.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	0	2	1	1	0	4	4	0.8	100.0	0.6	100.0	-	2.1	0.8	0.8	-	1.2	0.9	17	17	100.0	0.0	
a. Hepatoblastoma	0	1	0	0	0	1	1	0.2	25.0	0.2	25.0	-	1.1	-	-	-	0.3	0.3	4	4	100.0	0.0	
b. Hepatic carcinoma	0	1	1	1	0	3	3	0.6	75.0	0.5	75.0	-	1.1	0.8	0.8	-	0.8	0.6	12	12	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	1	2	8	17	17	28	45	5.9	100.0	7.3	100.0	4.2	2.1	6.7	13.5	14.1	7.1	8.6	114	184	95.6	0.0	
a. Osteosarcoma	0	0	2	13	11	15	26	3.2	53.6	4.2	57.8	-	-	1.7	10.3	9.1	3.5	4.8	60	105	92.3	0.0	
b. Chondrosarcoma	0	0	1	0	1	1	2	0.2	3.6	0.3	4.4	-	-	0.8	-	0.8	0.3	0.4	4	8	100.0	0.0	
c. Ewing & related	1	1	5	4	3	11	14	2.3	39.3	2.3	31.1	4.2	1.1	4.2	3.2	2.5	2.9	2.8	45	58	100.0	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.2	2.2	-	-	-	-	0.8	-	0.2	-	4	4	100.0	0.0
e. Unspecified	0	1	0	0	1	1	2	0.2	3.6	0.3	4.4	-	1.1	-	-	0.8	0.3	0.4	4	8	100.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	3	9	7	9	12	28	40	5.9	100.0	6.5	100.0	12.7	9.7	5.8	7.1	9.9	7.9	8.4	116	166	90.0	2.5	
a. Rhabdomyosarcoma	1	5	4	1	1	11	12	2.3	39.3	1.9	30.0	4.2	5.4	3.3	0.8	0.8	3.3	2.7	46	50	91.7	0.0	
b. Fibrosarcoma	2	0	0	3	5	5	10	1.1	17.9	1.6	25.0	8.5	-	-	2.4	4.1	1.4	2.0	20	41	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	3	3	3	5	9	14	1.9	32.1	2.3	35.0	-	3.2	2.5	2.4	4.1	2.5	2.9	37	58	85.7	0.0	
e. Unspecified	0	1	0	2	1	3	4	0.6	10.7	0.6	10.0	-	1.1	-	1.6	0.8	0.8	0.8	12	16	75.0	25.0	
<b>X GERM CELL TUMOURS</b>	4	8	7	11	23	30	53	6.3	100.0	8.6	100.0	16.9	8.6	5.8	8.7	19.1	8.4	10.8	124	219	100.0	0.0	
a. CNS germ cell	0	0	1	1	0	2	2	0.4	6.7	0.3	3.8	-	-	0.8	0.8	-	0.5	0.4	8	8	100.0	0.0	
b. Other extragonadal	2	0	0	1	0	3	3	0.6	10.0	0.5	5.7	8.5	-	-	0.8	-	0.9	0.7	13	13	100.0	0.0	
c. Gonadal germ cell	2	7	5	6	18	20	38	4.2	66.7	6.1	71.7	8.5	7.5	4.2	4.8	14.9	5.7	7.8	83	158	100.0	0.0	
d. Gonadal carcinoma	0	0	0	3	5	3	8	0.6	10.0	1.3	15.1	-	-	-	2.4	4.1	0.7	1.5	12	33	100.0	0.0	
e. Unspecified gonadal	0	1	1	0	0	2	2	0.4	6.7	0.3	3.8	-	1.1	0.8	-	-	0.6	0.5	8	8	100.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	1	2	5	2	24	10	34	2.1	100.0	5.5	100.0	4.2	2.1	4.2	1.6	19.9	2.8	6.6	42	141	97.1	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	1	0	1	5	2	7	0.4	20.0	1.1	20.6	-	1.1	-	0.8	4.1	0.6	1.4	8	29	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	0	0	3	0	0	3	3	0.6	30.0	0.5	8.8	-	-	2.5	-	-	0.8	0.6	12	12	100.0	0.0	
e. Skin carcinoma	0	0	0	0	3	0	3	-	-	0.5	8.8	-	-	-	-	2.5	-	0.6	-	12	12	100.0	0.0
f. Other & unspecified	1	1	2	1	16	5	21	1.1	50.0	3.4	61.8	4.2	1.1	1.7	0.8	13.3	1.4	4.1	21	87	95.2	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	1	1	10	4	14	0.8	100.0	2.3	100.0	-	2.1	0.8	0.8	8.3	1.2	2.8	17	58	57.1	7.1	
a. Other specified	0	1	0	0	1	1	2	0.2	25.0	0.3	14.3	-	1.1	-	-	0.8	0.3	0.4	4	8	100.0	0.0	
b. Other unspecified	0	1	1	1	9	3	12	0.6	75.0	1.9	85.7	-	1.1	0.8	0.8	7.5	0.8	2.3	12	50	50.0	8.3	
<b>TOTAL</b>	33	154	148	138	145	473	618	100.0	100.0	100.0	100.0	139.8	165.3	123.1	109.5	120.1	133.5	130.5	1964	2564	94.8	0.8	

† includes 1 non-malignant

Please consult the quality indicators for this registry

## ARGENTINA, Chaco (2002-2012)

	Males										M/F ratio		Females									
			Number of cases in age groups					ASR per million		0-14	0-19			Number of cases in age groups					ASR per million			
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
<b>I LEUKAEMIA</b>	2	28	17	21	15	68	83	38.0	34.9	1.1	1.2	2	21	20	17	9	60	69	34.4	30.1		
a. Lymphoid	2	19	12	13	10	46	56	25.9	23.7	1.5	1.6	0	15	10	6	3	31	34	18.4	15.4		
b. Acute myeloid	0	5	1	6	3	12	15	6.5	6.1	0.8	0.8	2	2	6	6	3	16	19	8.8	8.0		
c. CMD	0	0	1	0	0	1	1	0.5	0.4	1.0	1.0	0	0	0	1	0	1	1	0.5	0.4		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	4	3	2	2	9	11	5.1	4.7	0.8	0.7	0	4	4	4	3	12	15	6.8	6.4		
<b>II LYMPHOMA &amp; RELATED</b>	3	16	28	16	15	63	78	34.4	32.1	1.5	1.6	1	13	16	12	8	42	50	23.8	21.5		
a. Hodgkin	0	4	11	6	8	21	29	11.1	11.5	3.0	2.1	0	0	4	3	7	7	14	3.6	5.4		
b. Non-Hodgkin except BL	0	7	9	7	3	23	26	12.5	10.8	1.0	1.2	0	6	8	8	0	22	22	12.2	9.4		
c. Burkitt (BL)	0	1	4	0	0	5	5	2.8	2.1	0.8	0.8	0	4	2	0	0	6	6	3.8	2.9		
d. Lymphoreticular	3	3	1	2	1	9	10	5.3	4.5	1.3	1.4	1	3	2	1	0	7	7	4.3	3.3		
e. Unspecified	0	1	3	1	3	5	8	2.7	3.2	-	8.0	0	0	0	0	1	0	1	-	0.4		
<b>III CNS NEOPLASMS †</b>	2	13	20	12	4	47	51	25.7	21.4	1.3	1.2	1	10	11	14	8	36	44	20.0	18.5		
a. Ependymoma	1	1	3	0	1	5	6	2.9	2.6	0.6	0.8	1	4	2	1	0	8	8	4.9	3.8		
b. Astrocytoma	0	2	6	2	2	10	12	5.4	4.9	0.6	0.5	0	3	6	9	6	18	24	9.5	9.7		
c. CNS embryonal	0	4	5	6	1	15	16	8.0	6.5	7.5	5.3	0	0	1	1	1	2	3	1.0	1.2		
d. Other gliomas	0	0	1	1	0	2	2	1.0	0.8	-	2.0	0	0	0	0	1	0	1	-	0.4		
e. Other specified	0	0	2	0	0	2	2	1.1	0.8	2.0	2.0	0	0	1	0	0	1	1	0.5	0.4		
f. Unspecified CNS	1	6	3	3	0	13	13	7.5	5.8	1.9	1.9	0	3	1	3	0	7	7	4.0	3.1		
<b>IV NEUROBLASTOMA</b>	2	7	2	0	0	11	11	6.9	5.4	2.2	2.2	3	1	0	1	0	5	5	3.2	2.5		
a. (Ganglio)neuroblastoma	2	7	2	0	0	11	11	6.9	5.4	2.2	2.2	3	1	0	1	0	5	5	3.2	2.5		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	3	4	1	0	0	8	8	5.1	3.9	1.3	1.3	1	4	1	0	0	6	6	3.9	3.0		
<b>VI RENAL TUMOURS</b>	1	5	2	0	0	8	8	4.8	3.7	0.5	0.5	3	7	3	2	0	15	15	9.3	7.2		
a. Nephroblastoma	1	5	0	2	0	8	8	4.8	3.7	0.6	0.6	3	7	3	1	0	14	14	8.9	6.9		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.5	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	0	2	0	1	0	3	3	1.8	1.4	3.0	3.0	0	0	1	0	0	1	1	0.5	0.4		
a. Hepatoblastoma	0	1	0	0	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	1	0	1	0	2	2	1.1	0.9	2.0	2.0	0	0	1	0	0	1	1	0.5	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	1	1	4	9	11	15	26	7.5	9.8	1.2	1.4	0	1	4	8	6	13	19	6.6	7.4		
a. Osteosarcoma	0	0	1	7	7	8	15	3.7	5.4	1.1	1.4	0	0	1	6	4	7	11	3.4	4.1		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.4	0.0	1.0	0	0	1	0	0	1	1	0.5	0.4		
c. Ewing & related	1	0	3	2	2	6	8	3.1	3.2	1.2	1.3	0	1	2	2	1	5	6	2.7	2.5		
d. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
e. Unspecified	0	1	0	0	1	1	2	0.7	0.9	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	2	3	4	5	7	14	21	7.6	8.5	1.0	1.1	1	6	3	4	5	14	19	8.2	8.3		
a. Rhabdomyosarcoma	1	3	1	1	1	6	7	3.6	3.1	1.2	1.4	0	2	3	0	0	5	5	3.0	2.3		
b. Fibrosarcoma	1	0	0	1	1	2	3	1.1	1.2	0.7	0.4	1	0	0	2	4	3	7	1.6	2.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	3	2	4	5	9	2.5	3.4	1.3	1.8	0	3	0	1	1	4	5	2.5	2.3		
e. Unspecified	0	0	0	1	1	1	2	0.5	0.7	0.5	1.0	0	1	0	1	0	2	2	1.1	0.9		
<b>X GERM CELL TUMOURS</b>	4	6	2	1	17	13	30	8.0	12.4	0.8	1.3	0	2	5	10	6	17	23	8.8	9.1		
a. CNS germ cell	0	0	1	0	0	1	1	0.5	0.4	1.0	1.0	0	0	0	1	0	1	1	0.5	0.4		
b. Other extragonadal	2	0	0	0	0	2	2	1.3	1.0	2.0	2.0	0	0	0	1	0	1	1	0.5	0.4		
c. Gonadal germ cell	2	5	1	0	14	8	22	5.1	9.1	0.7	1.4	0	2	4	6	4	12	16	6.4	6.4		
d. Gonadal carcinoma	0	0	0	1	3	1	4	0.5	1.4	0.5	1.0	0	0	0	2	2	2	4	0.9	1.5		
e. Unspecified gonadal	0	1	0	0	0	1	1	0.7	0.5	1.0	1.0	0	0	1	0	0	1	1	0.5	0.4		
<b>XI CARCINOMA &amp; MELANOMA</b>	1	2	0	1	10	4	14	2.4	5.5	0.7	0.7	0	0	5	1	14	6	20	3.2	7.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	1	0	0	1	1	2	0.7	0.9	1.0	0.4	0	0	0	1	4	1	5	0.5	1.9		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	3	0	0	3	3	1.6	1.3		
e. Skin carcinoma	0	0	0	0	2	0	2	-	0.7	-	2.0	0	0	0	0	1	0	1	-	0.4		
f. Other & unspecified	1	1	0	1	7	3	10	1.8	3.9	1.5	0.9	0	0	2	0	9	2	11	1.1	4.3		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	1	0	4	2	6	1.2	2.4	1.0	0.8	0	1	0	1	6	2	8	1.1	3.2		
a. Other specified	0	1	0	0	1	1	2	0.7	0.9	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	1	0	3	1	4	0.5	1.5	0.5	0.5	0	1	0	1	6	2	8	1.1	3.2		
<b>TOTAL</b>	21	88	79	68	83	256	339	143.4	141.5	1.2	1.2	12	66	69	70	62	217	279	123.2	119.0		

† includes 1 non-malignant in males

Please consult the quality indicators for this registry

## ARGENTINA, Chaco (2002-2012)

	Age group	Males	Females
Person-years	0	120 291	115 795
	1-4	473 860	457 828
	5-9	611 796	590 078
	10-14	641 732	618 914
	15-19	615 348	591 840
Total	0-14	1 847 679	1 782 615
	0-19	2 463 027	2 374 455
Average annual population	0-14	167 971	162 056
	0-19	223 912	215 860

Please consult the quality indicators for this registry