

## ECUADOR, Quito (1993-2012)

	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	ASR			0-19	0-14
<b>I LEUKAEMIA</b>	25	209	162	130	150	526	676	40.5	100.0	36.5	100.0	50.5	93.3	58.6	47.8	53.5	65.9	63.1	959	1227	98.1	1.9
a. Lymphoid	8	168	130	94	90	400	490	30.8	76.0	26.5	72.5	16.2	75.0	47.0	34.6	32.1	50.1	46.1	729	890	100.0	0.0
b. Acute myeloid	9	30	24	28	39	91	130	7.0	17.3	7.0	19.2	18.2	13.4	8.7	10.3	13.9	11.3	11.9	166	236	100.0	0.0
c. CMD	0	1	0	2	10	3	13	0.2	0.6	0.7	1.9	-	0.4	-	0.7	3.6	0.4	1.1	6	23	100.0	0.0
d. MDS & other	0	2	1	0	0	3	3	0.2	0.6	0.2	0.4	-	0.9	0.4	-	-	0.4	0.3	5	5	100.0	0.0
e. Unspecified	8	8	7	6	11	29	40	2.2	5.5	2.2	5.9	16.2	3.6	2.5	2.2	3.9	3.7	3.8	53	73	67.5	32.5
<b>II LYMPHOMA &amp; RELATED</b>	7	48	59	56	87	170	257	13.1	100.0	13.9	100.0	14.1	21.4	21.3	20.6	31.1	20.6	23.0	310	465	95.3	1.6
a. Hodgkin	1	9	13	18	24	41	65	3.2	24.1	3.5	25.3	2.0	4.0	4.7	6.6	8.6	4.9	5.7	75	118	100.0	0.0
b. Non-Hodgkin except BL	0	21	30	22	48	73	121	5.6	42.9	6.5	47.1	-	9.4	10.8	8.1	17.1	8.8	10.7	133	219	100.0	0.0
c. Burkitt (BL)	0	6	8	2	3	16	19	1.2	9.4	1.0	7.4	-	2.7	2.9	0.7	1.1	2.0	1.8	29	34	100.0	0.0
d. Lymphoreticular	4	3	1	2	0	10	10	0.8	5.9	0.5	3.9	8.1	1.3	0.4	0.7	-	1.3	1.0	18	18	100.0	0.0
e. Unspecified	2	9	7	12	12	30	42	2.3	17.6	2.3	16.3	4.0	4.0	2.5	4.4	4.3	3.7	3.8	55	76	71.4	9.5
<b>III CNS NEOPLASMS †</b>	9	54	64	41	39	168	207	12.9	100.0	11.2	100.0	18.2	24.1	23.1	15.1	13.9	20.8	19.2	306	376	87.0	1.4
a. Ependymoma	3	4	6	3	1	16	17	1.2	9.5	0.9	8.2	6.1	1.8	2.2	1.1	0.4	2.0	1.6	29	31	100.0	0.0
b. Astrocytoma	3	26	30	19	23	78	101	6.0	46.4	5.5	48.8	6.1	11.6	10.8	7.0	8.2	9.6	9.3	142	183	94.1	0.0
c. CNS embryonal	2	19	16	12	2	49	51	3.8	29.2	2.8	24.6	4.0	8.5	5.8	4.4	0.7	6.1	4.9	89	93	98.0	0.0
d. Other gliomas	0	3	7	3	5	13	18	1.0	7.7	1.0	8.7	-	1.3	2.5	1.1	1.8	1.6	1.6	24	33	55.6	0.0
e. Other specified	0	1	0	2	2	3	5	0.2	1.8	0.3	2.4	-	0.4	-	0.7	0.7	0.4	0.4	6	9	100.0	0.0
f. Unspecified CNS	1	1	5	2	6	9	15	0.7	5.4	0.8	7.2	2.0	0.4	1.8	0.7	2.1	1.1	1.3	16	27	20.0	20.0
<b>IV NEUROBLASTOMA</b>	7	7	4	6	1	24	25	1.8	100.0	1.4	100.0	14.1	3.1	1.4	2.2	0.4	3.1	2.5	44	46	80.0	0.0
a. (Ganglio)neuroblastoma	6	7	4	6	0	23	23	1.8	95.8	1.2	92.0	12.1	3.1	1.4	2.2	-	2.9	2.3	42	42	78.3	0.0
b. Peripheral nervous	1	0	0	0	1	1	2	0.1	4.2	0.1	8.0	2.0	-	-	-	0.4	0.1	0.2	2	4	100.0	0.0
<b>V RETINOBLASTOMA</b>	18	47	2	0	0	67	67	5.2	100.0	3.6	100.0	36.3	21.0	0.7	-	-	9.4	7.3	122	122	92.5	0.0
<b>VI RENAL TUMOURS</b>	7	36	14	2	2	59	61	4.5	100.0	3.3	100.0	14.1	16.1	5.1	0.7	0.7	7.9	6.3	108	111	80.3	4.9
a. Nephroblastoma	6	36	13	2	1	57	58	4.4	96.6	3.1	95.1	12.1	16.1	4.7	0.7	0.4	7.7	6.0	104	106	82.8	1.7
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.1	1.6	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
c. Unspecified	1	0	1	0	0	2	2	0.2	3.4	0.1	3.3	2.0	-	0.4	-	-	0.3	0.2	4	4	0.0	100.0
<b>VII HEPATIC TUMOURS</b>	6	18	7	4	5	35	40	2.7	100.0	2.2	100.0	12.1	8.0	2.5	1.5	1.8	4.6	4.0	64	73	85.0	5.0
a. Hepatoblastoma	6	16	4	1	2	27	29	2.1	77.1	1.6	72.5	12.1	7.1	1.4	0.4	0.7	3.7	3.0	49	53	93.1	3.4
b. Hepatic carcinoma	0	0	2	3	2	5	7	0.4	14.3	0.4	17.5	-	-	0.7	1.1	0.7	0.6	0.6	9	13	100.0	0.0
c. Unspecified	0	2	1	0	1	3	4	0.2	8.6	0.2	10.0	-	0.9	0.4	-	0.4	0.4	0.4	5	7	0.0	25.0
<b>VIII BONE TUMOURS</b>	0	2	24	54	47	80	127	6.2	100.0	6.9	100.0	-	0.9	8.7	19.8	16.8	8.8	10.6	146	230	96.1	0.8
a. Osteosarcoma	0	0	15	40	32	55	87	4.2	68.8	4.7	68.5	-	-	5.4	14.7	11.4	6.0	7.2	101	158	100.0	0.0
b. Chondrosarcoma	0	0	3	3	1	6	7	0.5	7.5	0.4	5.5	-	-	1.1	1.1	0.4	0.7	0.6	11	13	100.0	0.0
c. Ewing & related	0	2	6	6	9	14	23	1.1	17.5	1.2	18.1	-	0.9	2.2	2.2	3.2	1.6	2.0	26	42	100.0	0.0
d. Other specified	0	0	0	1	3	1	4	0.1	1.3	0.2	3.1	-	-	-	0.4	1.1	0.1	0.3	2	7	100.0	0.0
e. Unspecified	0	0	0	4	2	4	6	0.3	5.0	0.3	4.7	-	-	-	1.5	0.7	0.4	0.5	7	11	16.7	16.7
<b>IX SOFT TISSUE SARCOMA</b>	4	18	19	30	36	71	107	5.5	100.0	5.8	100.0	8.1	8.0	6.9	11.0	12.9	8.5	9.5	130	194	100.0	0.0
a. Rhabdomyosarcoma	3	12	10	15	11	40	51	3.1	56.3	2.8	47.7	6.1	5.4	3.6	5.5	3.9	4.9	4.7	73	93	100.0	0.0
b. Fibrosarcoma	0	0	3	2	5	5	10	0.4	7.0	0.5	9.3	-	-	1.1	0.7	1.8	0.6	0.8	9	18	100.0	0.0
c. Kaposi sarcoma	0	0	0	1	1	1	2	0.1	1.4	0.1	1.9	-	-	-	0.4	0.4	0.1	0.2	2	4	100.0	0.0
d. Other specified	0	3	5	8	10	16	26	1.2	22.5	1.4	24.3	-	1.3	1.8	2.9	3.6	1.9	2.2	29	47	100.0	0.0
e. Unspecified	1	3	1	4	9	9	18	0.7	12.7	1.0	16.8	2.0	1.3	0.4	1.5	3.2	1.1	1.6	16	33	100.0	0.0
<b>X GERM CELL TUMOURS</b>	7	15	12	12	94	46	140	3.5	100.0	7.6	100.0	14.1	6.7	4.3	4.4	33.6	5.8	12.0	84	252	94.3	0.7
a. CNS germ cell	1	0	0	1	2	2	4	0.2	4.3	0.2	2.9	2.0	-	-	0.4	0.7	0.2	0.4	4	7	100.0	0.0
b. Other extragonadal	1	2	1	0	6	4	10	0.3	8.7	0.5	7.1	2.0	0.9	0.4	-	2.1	0.5	0.9	7	18	100.0	0.0
c. Gonadal germ cell	5	13	8	8	79	34	113	2.6	73.9	6.1	80.7	10.1	5.8	2.9	2.9	28.2	4.3	9.7	62	203	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.1	2.2	0.1	1.4	-	-	-	0.4	0.4	0.1	0.2	2	4	100.0	0.0
e. Unspecified gonadal	0	0	3	2	6	5	11	0.4	10.9	0.6	7.9	-	-	1.1	0.7	2.1	0.6	0.9	9	20	27.3	9.1
<b>XI CARCINOMA &amp; MELANOMA</b>	1	4	9	24	80	38	118	2.9	100.0	6.4	100.0	2.0	1.8	3.3	8.8	28.6	4.3	9.8	70	212	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	3	7	31	10	41	0.8	26.3	2.2	34.7	-	-	1.1	2.6	11.1	1.1	3.3	18	74	100.0	0.0
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.1	0.8	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
d. Melanoma	1	2	2	2	4	7	11	0.5	18.4	0.6	9.3	2.0	0.9	0.7	0.7	1.4	0.9	1.0	13	20	100.0	0.0
e. Skin carcinoma	0	2	2	10	16	14	30	1.1	36.8	1.6	25.4	-	0.9	0.7	3.7	5.7	1.6	2.5	26	54	100.0	0.0
f. Other & unspecified	0	0	2	5	28	7	35	0.5	18.4	1.9	29.7	-	-	0.7	1.8	10.0	0.8	2.8	13	63	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	1	4	3	8	10	16	26	1.2	100.0	1.4	100.0	2.0	1.8	1.1	2.9	3.6	1.9	2.3	29	47	30.8	30.8
a. Other specified	0	1	0	0	3	1	4	0.1	6.3	0.2	15.4	-	0.4	-	-	1.1	0.1	0.4	2	7	100.0	0.0
b. Other unspecified	1	3	3	8	7	15	22	1.2	93.8	1.2	84.6	2.0	1.3	1.1	2.9	2.5	1.8	1.9	27	40	18.2	36.4
<b>TOTAL</b>	92	462	379	367	551	1300	1851	100.0	100.0	100.0	100.0	185.8	206.1	137.1	134.9	196.7	161.7	169.6	2372	3356	94.0	1.9

† includes 4 non-malignant

Please consult the quality indicators for this registry

## ECUADOR, Quito (1993-2012)

	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		
<b>I LEUKAEMIA</b>	10	108	77	64	80	259	339	64.1	62.9	1.0	1.0	15	101	85	66	70	267	337	67.7	63.4				
a. Lymphoid	4	85	64	48	52	201	253	49.7	47.1	1.0	1.1	4	83	66	46	38	199	237	50.5	45.1				
b. Acute myeloid	5	17	10	14	19	46	65	11.4	12.0	1.0	1.0	4	13	14	14	20	45	65	11.2	11.8				
c. CMD	0	1	0	1	5	2	7	0.5	1.2	2.0	1.2	0	0	0	1	5	1	6	0.2	0.9				
d. MDS & other	0	1	0	0	0	1	1	0.3	0.2	0.5	0.5	0	1	1	0	0	2	2	0.5	0.4				
e. Unspecified	1	4	3	1	4	9	13	2.3	2.4	0.5	0.5	7	4	4	5	7	20	27	5.2	5.1				
<b>II LYMPHOMA &amp; RELATED</b>	1	31	37	32	49	101	150	24.2	26.8	1.5	1.4	6	17	22	24	38	69	107	17.0	19.1				
a. Hodgkin	0	6	10	8	12	24	36	5.7	6.4	1.4	1.2	1	3	3	10	12	17	29	4.0	5.0				
b. Non-Hodgkin except BL	0	12	16	14	26	42	68	10.0	12.0	1.4	1.3	0	9	14	8	22	31	53	7.6	9.3				
c. Burkitt (BL)	0	6	6	2	2	14	16	3.5	3.0	7.0	5.3	0	0	2	0	1	2	3	0.5	0.5				
d. Lymphoreticular	1	2	1	2	0	6	6	1.5	1.2	1.5	1.5	3	1	0	0	0	4	4	1.2	0.9				
e. Unspecified	0	5	4	6	9	15	24	3.6	4.3	1.0	1.3	2	4	3	6	3	15	18	3.7	3.4				
<b>III CNS NEOPLASMS †</b>	2	27	28	22	23	79	102	19.2	18.7	0.9	1.0	7	27	36	19	16	89	105	22.4	19.9				
a. Ependymoma	1	4	3	0	0	8	8	2.1	1.6	1.0	0.9	2	0	3	3	1	8	9	1.9	1.7				
b. Astrocytoma	0	12	12	12	16	36	52	8.6	9.3	0.9	1.1	3	14	18	7	7	42	49	10.7	9.4				
c. CNS embryonal	1	7	9	6	1	23	24	5.6	4.5	0.9	0.9	1	12	7	6	1	26	27	6.7	5.3				
d. Other gliomas	0	2	2	1	3	5	8	1.2	1.4	0.6	0.8	0	1	5	2	2	8	10	1.9	1.8				
e. Other specified	0	1	0	2	1	3	4	0.7	0.7	-	4.0	0	0	0	0	1	0	1	-	0.2				
f. Unspecified CNS	0	1	2	1	2	4	6	1.0	1.1	0.8	0.7	1	0	3	1	4	5	9	1.2	1.6				
<b>IV NEUROBLASTOMA</b>	4	6	2	1	0	13	13	3.5	2.7	1.2	1.1	3	1	2	5	1	11	12	2.7	2.2				
a. (Ganglio)neuroblastoma	4	6	2	1	0	13	13	3.5	2.7	1.3	1.3	2	1	2	5	0	10	10	2.4	1.9				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	1	1	2	0.3	0.4				
<b>V RETINOBLASTOMA</b>	9	22	1	0	0	32	32	8.8	6.9	0.9	0.9	9	25	1	0	0	35	35	10.0	7.8				
<b>VI RENAL TUMOURS</b>	4	25	6	1	2	36	38	9.7	7.8	1.6	1.7	3	11	8	1	0	23	23	6.1	4.8				
a. Nephroblastoma	4	25	6	1	1	36	37	9.7	7.6	1.7	1.8	2	11	7	1	0	21	21	5.6	4.4				
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	1	0	0	2	2	0.5	0.4				
<b>VII HEPATIC TUMOURS</b>	3	16	6	3	4	28	32	7.3	6.3	4.0	4.0	3	2	1	1	1	7	8	1.9	1.6				
a. Hepatoblastoma	3	14	3	1	1	21	22	5.6	4.5	3.5	3.1	3	2	1	0	1	6	7	1.7	1.5				
b. Hepatic carcinoma	0	0	2	2	2	4	6	0.9	1.0	4.0	6.0	0	0	0	1	0	1	1	0.2	0.2				
c. Unspecified	0	2	1	0	1	3	4	0.8	0.8	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	1	14	34	22	49	71	10.7	11.9	1.6	1.3	0	1	10	20	25	31	56	6.9	9.3				
a. Osteosarcoma	0	0	10	22	17	32	49	7.0	8.2	1.4	1.3	0	0	5	18	15	23	38	5.0	6.3				
b. Chondrosarcoma	0	0	2	2	0	4	4	0.9	0.7	2.0	1.3	0	0	1	1	1	2	3	0.5	0.5				
c. Ewing & related	0	1	2	6	3	9	12	2.0	2.1	1.8	1.1	0	1	4	0	6	5	11	1.2	1.9				
d. Other specified	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	0	0	1	2	1	3	0.2	0.5				
e. Unspecified	0	0	0	4	1	4	5	0.8	0.8	-	5.0	0	0	0	0	1	0	1	-	0.2				
<b>IX SOFT TISSUE SARCOMA</b>	2	11	13	13	21	39	60	9.4	10.7	1.2	1.3	2	7	6	17	15	32	47	7.7	8.3				
a. Rhabdomyosarcoma	2	7	6	5	8	20	28	4.9	5.2	1.0	1.2	1	5	4	10	3	20	23	4.8	4.2				
b. Fibrosarcoma	0	0	2	1	2	3	5	0.7	0.9	1.5	1.0	0	0	1	1	3	2	5	0.5	0.8				
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.2	0.0	1.0	0	0	0	1	0	1	1	0.2	0.2				
d. Other specified	0	2	4	5	6	11	17	2.5	3.0	2.2	1.9	0	1	1	3	4	5	9	1.2	1.5				
e. Unspecified	0	2	1	2	4	5	9	1.2	1.6	1.3	1.0	1	1	0	2	5	4	9	1.0	1.6				
<b>X GERM CELL TUMOURS</b>	7	13	3	4	65	27	92	7.1	16.2	1.4	1.9	0	2	9	8	29	19	48	4.4	8.0				
a. CNS germ cell	1	0	0	1	2	2	4	0.5	0.7	-	-	0	0	0	0	0	0	0	-	-				
b. Other extragonadal	1	1	1	0	2	3	5	0.8	0.9	3.0	1.0	0	1	0	0	4	1	5	0.3	0.8				
c. Gonadal germ cell	5	12	1	2	58	20	78	5.4	13.7	1.4	2.2	0	1	7	6	21	14	35	3.2	5.8				
d. Gonadal carcinoma	0	0	0	1	0	1	1	0.2	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2				
e. Unspecified gonadal	0	0	1	0	3	1	4	0.2	0.7	0.3	0.6	0	0	2	2	3	4	7	0.9	1.2				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	3	13	29	18	47	4.0	7.9	0.9	0.7	0	3	6	11	51	20	71	4.6	11.6				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	2	1	9	3	12	0.7	2.0	0.4	0.4	0	0	1	6	22	7	29	1.5	4.6				
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
d. Melanoma	1	1	0	1	2	3	5	0.8	0.9	0.8	0.8	0	1	2	1	2	4	6	1.0	1.1				
e. Skin carcinoma	0	0	1	9	10	10	20	2.1	3.3	2.5	2.0	0	2	1	1	6	4	10	1.0	1.7				
f. Other & unspecified	0	0	0	2	7	2	9	0.4	1.5	0.4	0.3	0	0	2	3	21	5	26	1.1	4.2				
<b>XII OTHER &amp; UNSPECIFIED</b>	1	2	2	3	5	8	13	1.9	2.3	1.0	1.0	0	2	1	5	5	8	13	1.9	2.2				
a. Other specified	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	1	0	0	2	1	3	0.3	0.5				
b. Other unspecified	1	2	2	3	4	8	12	1.9	2.2	1.1	1.2	0	1	1	5	3	7	10	1.6	1.7				
<b>TOTAL</b>	44	263	192	190	300	689	989	169.8	181.1	1.1	1.1	48	199	187	177	251	611	862	153.4	158.1				

† includes 3 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

## ECUADOR, Quito (1993-2012)

	Age group	Males	Females
Person-years	0	251 062	244 219
	1-4	1 142 582	1 098 543
	5-9	1 398 876	1 366 262
	10-14	1 369 148	1 351 430
	15-19	1 363 298	1 438 150
Total	0-14	4 161 668	4 060 454
	0-19	5 524 966	5 498 604
Average annual population	0-14	208 083	203 023
	0-19	276 248	274 930

Please consult the quality indicators for this registry