

BRAZIL, Belo Horizonte (2000-2006)

	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	9	52	46	40	40	147	187	28.5	100.0	24.3	100.0	35.1	50.3	36.3	29.1	24.9	38.5	35.4	564	688	83.4	16.6	
a. Lymphoid	7	40	33	28	17	108	125	20.9	73.5	16.2	66.8	27.3	38.7	26.1	20.4	10.6	28.4	24.4	414	467	90.4	9.6	
b. Acute myeloid	1	6	10	10	17	27	44	5.2	18.4	5.7	23.5	3.9	5.8	7.9	7.3	10.6	6.8	7.6	103	156	79.5	20.5	
c. CMD	0	1	1	1	4	3	7	0.6	2.0	0.9	3.7	-	1.0	0.8	0.7	2.5	0.8	1.2	11	24	71.4	28.6	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	1	5	2	1	2	9	11	1.7	6.1	1.4	5.9	3.9	4.8	1.6	0.7	1.2	2.5	2.2	35	41	27.3	72.7	
II LYMPHOMA & RELATED	0	12	21	35	69	68	137	13.2	100.0	17.8	100.0	-	11.6	16.6	25.5	43.0	16.3	22.3	257	472	94.9	5.1	
a. Hodgkin	0	1	13	23	40	37	77	7.2	54.4	10.0	56.2	-	1.0	10.3	16.7	24.9	8.5	12.2	139	263	98.7	1.3	
b. Non-Hodgkin except BL	0	7	3	10	23	20	43	3.9	29.4	5.6	31.4	-	6.8	2.4	7.3	14.3	5.0	7.1	75	147	90.7	9.3	
c. Burkitt (BL)	0	3	4	1	4	8	12	1.6	11.8	1.6	8.8	-	2.9	3.2	0.7	2.5	2.1	2.2	31	44	91.7	8.3	
d. Lymphoreticular	0	1	0	1	1	2	3	0.4	2.9	0.4	2.2	-	1.0	-	0.7	0.6	0.5	0.5	8	11	100.0	0.0	
e. Unspecified	0	0	1	0	1	1	2	0.2	1.5	0.3	1.5	-	-	0.8	-	0.6	0.3	0.3	4	7	50.0	50.0	
III CNS NEOPLASMS †	7	26	32	32	28	97	125	18.8	100.0	16.2	100.0	27.3	25.2	25.3	23.3	17.4	24.8	23.2	371	458	75.2	22.4	
a. Ependymoma	0	5	2	1	3	8	11	1.6	8.2	1.4	8.8	-	4.8	1.6	0.7	1.9	2.2	2.1	31	40	100.0	0.0	
b. Astrocytoma	1	7	10	9	8	27	35	5.2	27.8	4.5	28.0	3.9	6.8	7.9	6.5	5.0	6.8	6.4	103	128	100.0	0.0	
c. CNS embryonal	2	5	8	9	2	24	26	4.7	24.7	3.4	20.8	7.8	4.8	6.3	6.5	1.2	6.0	5.0	91	98	100.0	0.0	
d. Other gliomas	1	2	5	6	4	14	18	2.7	14.4	2.3	14.4	3.9	1.9	3.9	4.4	2.5	3.4	3.2	53	66	83.3	0.0	
e. Other specified	0	0	1	0	3	1	4	0.2	1.0	0.5	3.2	-	-	0.8	-	1.9	0.3	0.6	4	13	100.0	0.0	
f. Unspecified CNS	3	7	6	7	8	23	31	4.5	23.7	4.0	24.8	11.7	6.8	4.7	5.1	5.0	6.0	5.8	88	113	9.7	90.3	
IV NEUROBLASTOMA	8	18	2	1	1	29	30	5.6	100.0	3.9	100.0	31.2	17.4	1.6	0.7	0.6	8.5	6.7	112	115	100.0	0.0	
a. (Ganglio)neuroblastoma	8	17	2	1	0	28	28	5.4	96.6	3.6	93.3	31.2	16.5	1.6	0.7	-	8.2	6.4	108	108	100.0	0.0	
b. Peripheral nervous	0	1	0	0	1	1	2	0.2	3.4	0.3	6.7	-	1.0	-	-	0.6	0.3	0.4	4	7	100.0	0.0	
V RETINOBLASTOMA	3	4	2	0	0	9	9	1.7	100.0	1.2	100.0	11.7	3.9	1.6	-	-	2.6	2.0	35	35	66.7	0.0	
VI RENAL TUMOURS	2	21	9	3	1	35	36	6.8	100.0	4.7	100.0	7.8	20.3	7.1	2.2	0.6	9.8	7.8	136	139	94.4	5.6	
a. Nephroblastoma	2	20	7	1	0	30	30	5.8	85.7	3.9	83.3	7.8	19.4	5.5	0.7	-	8.6	6.7	117	117	100.0	0.0	
b. Renal carcinoma	0	0	1	2	0	3	3	0.6	8.6	0.4	8.3	-	-	0.8	1.5	-	0.7	0.5	11	11	100.0	0.0	
c. Unspecified	0	1	1	0	1	2	3	0.4	5.7	0.4	8.3	-	1.0	0.8	-	0.6	0.6	0.6	8	11	33.3	66.7	
VII HEPATIC TUMOURS	1	4	2	1	4	8	12	1.6	100.0	1.6	100.0	3.9	3.9	1.6	0.7	2.5	2.2	2.3	31	43	66.7	33.3	
a. Hepatoblastoma	0	3	2	0	0	5	5	1.0	62.5	0.6	41.7	-	2.9	1.6	-	-	1.4	1.1	20	20	60.0	40.0	
b. Hepatic carcinoma	0	0	0	1	3	1	4	0.2	12.5	0.5	33.3	-	-	-	0.7	1.9	0.2	0.6	4	13	100.0	0.0	
c. Unspecified	1	1	0	0	1	2	3	0.4	25.0	0.4	25.0	3.9	1.0	-	-	0.6	0.6	0.6	8	11	33.3	66.7	
VIII BONE TUMOURS	0	2	9	22	29	33	62	6.4	100.0	8.0	100.0	-	1.9	7.1	16.0	18.1	7.5	9.9	123	214	88.7	11.3	
a. Osteosarcoma	0	0	2	18	16	20	36	3.9	60.6	4.7	58.1	-	-	1.6	13.1	10.0	4.3	5.6	73	123	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	2	0	2	-	-	0.3	3.2	-	-	-	-	1.2	-	0.3	-	6	100.0	0.0	
c. Ewing & related	0	2	4	2	4	8	12	1.6	24.2	1.6	19.4	-	1.9	3.2	1.5	2.5	2.0	2.1	31	43	100.0	0.0	
d. Other specified	0	0	0	0	2	0	2	-	-	0.3	3.2	-	-	-	-	1.2	-	0.3	-	6	100.0	0.0	
e. Unspecified	0	0	3	2	5	5	10	1.0	15.2	1.3	16.1	-	-	-	2.4	1.5	3.1	1.2	1.6	19	35	30.0	70.0
IX SOFT TISSUE SARCOMA	0	8	8	13	15	29	44	5.6	100.0	5.7	100.0	-	7.7	6.3	9.5	9.3	7.2	7.7	110	157	97.7	2.3	
a. Rhabdomyosarcoma	0	5	5	4	2	14	16	2.7	48.3	2.1	36.4	-	4.8	3.9	2.9	1.2	3.6	3.1	54	60	100.0	0.0	
b. Fibrosarcoma	0	0	1	1	0	2	2	0.4	6.9	0.3	4.5	-	-	0.8	0.7	-	0.5	0.4	8	8	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	2	2	6	6	10	16	1.9	34.5	2.1	36.4	-	1.9	1.6	4.4	3.7	2.4	2.7	37	56	100.0	0.0	
e. Unspecified	0	1	0	2	7	3	10	0.6	10.3	1.3	22.7	-	1.0	-	1.5	4.4	0.7	1.5	11	33	90.0	10.0	
X GERM CELL TUMOURS	2	3	3	7	27	15	42	2.9	100.0	5.4	100.0	7.8	2.9	2.4	5.1	16.8	3.7	6.7	57	141	92.9	4.8	
a. CNS germ cell	1	0	1	2	1	4	5	0.8	26.7	0.6	11.9	3.9	-	0.8	1.5	0.6	1.0	0.9	15	18	100.0	0.0	
b. Other extragonadal	0	2	0	1	3	3	6	0.6	20.0	0.8	14.3	-	1.9	-	0.7	1.9	0.8	1.0	11	21	100.0	0.0	
c. Gonadal germ cell	1	0	1	3	18	5	23	1.0	33.3	3.0	54.8	3.9	-	0.8	2.2	11.2	1.2	3.4	19	75	100.0	0.0	
d. Gonadal carcinoma	0	0	1	0	1	1	2	0.2	6.7	0.3	4.8	-	-	0.8	-	0.6	0.3	0.3	4	7	100.0	0.0	
e. Unspecified gonadal	0	1	0	1	4	2	6	0.4	13.3	0.8	14.3	-	1.0	-	0.7	2.5	0.5	1.0	8	20	50.0	33.3	
XI CARCINOMA & MELANOMA	0	2	4	23	39	29	68	5.6	100.0	8.8	100.0	-	1.9	3.2	16.7	24.3	6.5	10.5	107	229	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	6	12	6	18	1.2	20.7	2.3	26.5	-	-	-	4.4	7.5	1.3	2.7	22	59	100.0	0.0	
c. Nasopharyngeal	0	0	0	6	3	6	9	1.2	20.7	1.2	13.2	-	-	-	4.4	1.9	1.3	1.4	22	31	100.0	0.0	
d. Melanoma	0	1	0	1	4	2	6	0.4	6.9	0.8	8.8	-	1.0	-	0.7	2.5	0.5	1.0	8	20	100.0	0.0	
e. Skin carcinoma	0	1	2	2	6	5	11	1.0	17.2	1.4	16.2	-	1.0	1.6	1.5	3.7	1.2	1.8	19	38	100.0	0.0	
f. Other & unspecified	0	0	2	8	14	10	24	1.9	34.5	3.1	35.3	-	-	1.6	5.8	8.7	2.2	3.7	37	81	100.0	0.0	
XII OTHER & UNSPECIFIED	4	2	6	5	2	17	19	3.3	100.0	2.5	100.0	15.6	1.9	4.7	3.6	1.2	4.4	3.7	65	71	21.1	78.9	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	4	2	6	5	2	17	19	3.3	100.0	2.5	100.0	15.6	1.9	4.7	3.6	1.2	4.4	3.7	65	71	21.1	78.9	
TOTAL	36	154	144	182	255	516	771	100.0	100.0	100.0	100.0	140.2	149.1	113.7	132.4	158.9	132.1	138.2	1967	2761	86.5	12.6	

† includes 20 non-malignant

Please consult the quality indicators for this registry

BRAZIL, Belo Horizonte (2000-2006)

	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		
I LEUKAEMIA	6	24	27	25	25	82	107	41.9	39.6	1.3	1.3	3	28	19	15	15	65	80	35.0	31.3		
a. Lymphoid	4	19	21	17	13	61	74	31.3	28.0	1.3	1.5	3	21	12	11	4	47	51	25.5	20.8		
b. Acute myeloid	1	3	4	7	9	15	24	7.3	8.3	1.3	1.2	0	3	6	3	8	12	20	6.2	7.0		
c. CMD	0	1	1	1	2	3	5	1.5	1.7	-	2.5	0	0	0	0	2	0	2	-	0.5		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	1	1	0	1	3	4	1.7	1.6	0.5	0.6	0	4	1	1	1	6	7	3.4	2.9		
II LYMPHOMA & RELATED	0	9	16	25	40	50	90	23.9	30.0	2.8	1.9	0	3	5	10	29	18	47	8.6	14.7		
a. Hodgkin	0	0	11	16	19	27	46	12.3	15.0	2.7	1.5	0	1	2	7	21	10	31	4.6	9.3		
b. Non-Hodgkin except BL	0	6	2	8	16	16	32	7.9	10.7	4.0	2.9	0	1	1	2	7	4	11	2.0	3.5		
c. Burkitt (BL)	0	2	2	1	3	5	8	2.6	2.9	1.7	2.0	0	1	2	0	1	3	4	1.6	1.5		
d. Lymphoreticular	0	1	0	0	1	1	2	0.6	0.7	1.0	2.0	0	0	0	1	0	1	1	0.4	0.3		
e. Unspecified	0	0	1	0	1	1	2	0.5	0.7	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	6	14	14	13	15	47	62	24.4	23.2	0.9	1.0	1	12	18	19	13	50	63	25.2	23.1		
a. Ependymoma	0	1	0	0	1	1	2	0.6	0.7	0.1	0.2	0	4	2	1	2	7	9	3.9	3.6		
b. Astrocytoma	1	4	4	4	6	13	19	6.7	6.9	0.9	1.2	0	3	6	5	2	14	16	7.0	6.0		
c. CNS embryonal	2	4	4	2	2	12	14	6.4	5.5	1.0	1.2	0	1	4	7	0	12	12	5.6	4.4		
d. Other gliomas	1	1	1	4	3	7	10	3.4	3.5	1.0	1.3	0	1	4	2	1	7	8	3.5	3.0		
e. Other specified	0	0	1	0	1	1	2	0.5	0.7	-	1.0	0	0	0	0	2	0	2	-	0.5		
f. Unspecified CNS	2	4	4	3	2	13	15	6.8	5.9	1.3	0.9	1	3	2	4	6	10	16	5.2	5.6		
IV NEUROBLASTOMA	5	9	1	0	1	15	16	8.8	7.1	1.1	1.1	3	9	1	1	0	14	14	8.3	6.4		
a. (Ganglio)neuroblastoma	5	9	1	0	0	15	15	8.8	6.8	1.2	1.2	3	8	1	1	0	13	13	7.6	5.9		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.3	0.0	1.0	0	1	0	0	0	1	1	0.6	0.5		
V RETINOBLASTOMA	1	1	2	0	0	4	4	2.2	1.7	0.8	0.8	2	3	0	0	0	5	5	3.0	2.4		
VI RENAL TUMOURS	1	8	3	3	0	15	15	8.1	6.3	0.8	0.7	1	13	6	0	1	20	21	11.6	9.3		
a. Nephroblastoma	1	7	2	1	0	11	11	6.2	4.8	0.6	0.6	1	13	5	0	0	19	19	11.1	8.6		
b. Renal carcinoma	0	0	0	2	0	2	2	0.8	0.7	2.0	2.0	0	0	1	0	0	1	1	0.5	0.4		
c. Unspecified	0	1	1	0	0	2	2	1.1	0.8	-	2.0	0	0	0	0	1	0	1	-	0.3		
VII HEPATIC TUMOURS	0	2	2	1	3	5	8	2.6	2.9	1.7	2.0	1	2	0	0	1	3	4	1.8	1.7		
a. Hepatoblastoma	0	2	2	0	0	4	4	2.2	1.7	4.0	4.0	0	1	0	0	0	1	1	0.6	0.5		
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.4	0.9	-	3.0	0	0	0	0	1	0	1	-	0.3		
c. Unspecified	0	0	0	0	1	0	1	-	0.3	0.0	0.5	1	1	0	0	0	2	2	1.2	0.9		
VIII BONE TUMOURS	0	1	4	12	20	17	37	7.7	11.7	1.1	1.5	0	1	5	10	9	16	25	7.4	8.2		
a. Osteosarcoma	0	0	0	9	14	9	23	3.8	6.9	0.8	1.8	0	0	2	9	2	11	13	4.8	4.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5		
c. Ewing & related	0	1	1	1	2	3	5	1.5	1.7	0.6	0.7	0	1	3	1	2	5	7	2.6	2.5		
d. Other specified	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
e. Unspecified	0	0	3	2	3	5	8	2.4	2.7	-	4.0	0	0	0	0	2	0	2	-	0.5		
IX SOFT TISSUE SARCOMA	0	4	2	9	6	15	21	7.2	7.3	1.1	0.9	0	4	6	4	9	14	23	7.2	8.1		
a. Rhabdomyosarcoma	0	2	1	2	0	5	5	2.5	2.0	0.6	0.5	0	3	4	2	2	9	11	4.7	4.2		
b. Fibrosarcoma	0	0	0	1	0	1	1	0.4	0.3	1.0	1.0	0	0	1	0	0	1	1	0.5	0.4		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	1	5	2	7	9	3.2	3.1	2.3	1.3	0	1	1	1	4	3	7	1.5	2.3		
e. Unspecified	0	1	0	1	4	2	6	1.0	1.9	2.0	1.5	0	0	0	1	3	1	4	0.4	1.2		
X GERM CELL TUMOURS	1	2	1	4	14	8	22	4.0	7.1	1.1	1.1	1	1	2	3	13	7	20	3.5	6.3		
a. CNS germ cell	0	0	1	2	0	3	3	1.3	1.0	3.0	1.5	1	0	0	0	1	1	2	0.6	0.7		
b. Other extragonadal	0	1	0	1	1	2	3	1.0	1.1	2.0	1.0	0	1	0	0	2	1	3	0.6	1.0		
c. Gonadal germ cell	1	0	0	1	10	2	12	1.0	3.6	0.7	1.1	0	0	1	2	8	3	11	1.4	3.3		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.3	0.0	1.0	0	0	1	0	0	1	1	0.5	0.4		
e. Unspecified gonadal	0	1	0	0	2	1	3	0.6	1.0	1.0	1.0	0	0	0	1	2	1	3	0.4	0.9		
XI CARCINOMA & MELANOMA	0	0	3	12	17	15	32	6.6	10.0	1.1	0.9	0	2	1	11	22	14	36	6.4	11.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	1	0	1	1	0.4	0.3	0.2	0.1	0	0	0	5	12	5	17	2.1	4.9		
c. Nasopharyngeal	0	0	0	6	3	6	9	2.5	2.8	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	1	4	1	5	0.4	1.5	1.0	5.0	0	1	0	0	0	1	1	0.6	0.5		
e. Skin carcinoma	0	0	2	0	6	2	8	1.0	2.5	0.7	2.7	0	1	0	2	0	3	3	1.5	1.1		
f. Other & unspecified	0	0	1	4	4	5	9	2.2	2.8	1.0	0.6	0	0	1	4	10	5	15	2.2	4.5		
XII OTHER & UNSPECIFIED	3	1	4	2	0	10	10	5.2	4.0	1.4	1.1	1	1	2	3	2	7	9	3.5	3.3		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	3	1	4	2	0	10	10	5.2	4.0	1.4	1.1	1	1	2	3	2	7	9	3.5	3.3		
TOTAL	23	75	79	106	141	283	424	142.4	150.7	1.2	1.2	13	79	65	76	114	233	347	121.8	125.7		

† includes 10 non-malignant in males and 10 non-malignant in females

Please consult the quality indicators for this registry

BRAZIL, Belo Horizonte (2000-2006)

	Age group	Males	Females
Person-years	0	130 575	126 161
	1-4	524 243	508 895
	5-9	639 222	627 374
	10-14	690 406	684 100
	15-19	785 487	819 547
Total	0-14	1 984 446	1 946 530
	0-19	2 769 933	2 766 077
Average annual population	0-14	283 492	278 076
	0-19	395 705	395 154

Please consult the quality indicators for this registry