

BRAZIL, Curitiba (1998-2010)

	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	14	133	94	63	59	304	363	37.3	100.0	30.5	100.0	42.8	98.6	53.1	33.8	28.7	60.9	53.7	873	1017	92.3	7.4	
a. Lymphoid	7	108	71	40	31	226	257	27.7	74.3	21.6	70.8	21.4	80.1	40.1	21.4	15.1	45.7	38.8	651	726	93.4	6.6	
b. Acute myeloid	5	16	19	16	22	56	78	6.9	18.4	6.5	21.5	15.3	11.9	10.7	8.6	10.7	10.8	10.8	159	213	89.7	9.0	
c. CMD	0	0	2	3	6	5	11	0.6	1.6	0.9	3.0	-	-	1.1	1.6	2.9	0.8	1.3	14	28	100.0	0.0	
d. MDS & other	2	1	0	1	0	4	4	0.5	1.3	0.3	1.1	6.1	0.7	-	0.5	-	0.8	0.7	12	12	75.0	25.0	
e. Unspecified	0	8	2	3	0	13	13	1.6	4.3	1.1	3.6	-	5.9	1.1	1.6	-	2.7	2.1	38	38	84.6	15.4	
II LYMPHOMA & RELATED	3	22	36	46	91	107	198	13.1	100.0	16.6	100.0	9.2	16.3	20.3	24.6	44.3	19.5	25.1	299	521	97.0	3.0	
a. Hodgkin	0	4	14	24	69	42	111	5.1	39.3	9.3	56.1	-	3.0	7.9	12.9	33.6	7.2	13.2	116	284	98.2	1.8	
b. Non-Hodgkin except BL	1	5	9	14	18	29	47	3.6	27.1	3.9	23.7	3.1	3.7	5.1	7.5	8.8	5.2	6.0	81	125	100.0	0.0	
c. Burkitt (BL)	0	5	11	7	1	23	24	2.8	21.5	2.0	12.1	-	3.7	6.2	3.8	0.5	4.2	3.4	65	67	95.8	4.2	
d. Lymphoreticular	2	7	1	1	1	11	12	1.3	10.3	1.0	6.1	6.1	5.2	0.6	0.5	0.5	2.4	2.0	32	35	100.0	0.0	
e. Unspecified	0	1	1	0	2	2	4	0.2	1.9	0.3	2.0	-	0.7	0.6	-	1.0	0.4	0.5	6	11	25.0	75.0	
III CNS NEOPLASMS †	8	37	49	32	28	126	154	15.4	100.0	12.9	100.0	24.5	27.4	27.7	17.1	13.6	24.3	21.9	358	427	86.4	10.4	
a. Ependymoma	3	7	3	3	2	16	18	2.0	12.7	1.5	11.7	9.2	5.2	1.7	1.6	1.0	3.3	2.8	46	51	100.0	0.0	
b. Astrocytoma	3	13	15	15	14	46	60	5.6	36.5	5.0	39.0	9.2	9.6	8.5	8.0	6.8	8.8	8.3	130	164	95.0	5.0	
c. CNS embryonal	1	10	23	8	3	42	45	5.1	33.3	3.8	29.2	3.1	7.4	13.0	4.3	1.5	8.0	6.5	119	127	93.3	6.7	
d. Other gliomas	0	4	5	3	4	12	16	1.5	9.5	1.3	10.4	-	3.0	2.8	1.6	1.9	2.3	2.2	34	44	81.3	6.3	
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Unspecified CNS	1	3	3	3	5	10	15	1.2	7.9	1.3	9.7	3.1	2.2	1.7	1.6	2.4	1.9	2.0	28	41	20.0	60.0	
IV NEUROBLASTOMA	12	34	8	3	2	57	59	7.0	100.0	4.9	100.0	36.7	25.2	4.5	1.6	1.0	12.6	9.9	168	173	96.6	3.4	
a. (Ganglio)neuroblastoma	12	33	8	3	1	56	57	6.9	98.2	4.8	96.6	36.7	24.5	4.5	1.6	0.5	12.3	9.7	165	167	96.5	3.5	
b. Peripheral nervous	0	1	0	0	1	1	2	0.1	1.8	0.2	3.4	-	0.7	-	-	0.5	0.2	0.3	3	5	100.0	0.0	
V RETINOBLASTOMA	6	8	1	0	1	15	16	1.8	100.0	1.3	100.0	18.4	5.9	0.6	-	0.5	3.4	2.8	45	47	87.5	6.3	
VI RENAL TUMOURS	3	20	2	2	3	27	30	3.3	100.0	2.5	100.0	9.2	14.8	1.1	1.1	1.5	6.0	5.0	80	87	93.3	3.3	
a. Nephroblastoma	2	20	2	0	0	24	24	2.9	88.9	2.0	80.0	6.1	14.8	1.1	-	-	5.4	4.2	71	71	95.8	0.0	
b. Renal carcinoma	1	0	0	1	3	2	5	0.2	7.4	0.4	16.7	3.1	-	-	0.5	1.5	0.4	0.6	6	13	100.0	0.0	
c. Unspecified	0	0	0	1	0	1	1	0.1	3.7	0.1	3.3	-	-	-	0.5	-	0.2	0.1	3	3	0.0	100.0	
VII HEPATIC TUMOURS	2	3	1	1	2	7	9	0.9	100.0	0.8	100.0	6.1	2.2	0.6	0.5	1.0	1.5	1.4	20	25	66.7	33.3	
a. Hepatoblastoma	1	2	1	1	0	5	5	0.6	71.4	0.4	55.6	3.1	1.5	0.6	0.5	-	1.0	0.8	14	14	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.2	22.2	-	-	-	1.0	-	-	0.2	-	5	5	50.0	50.0
c. Unspecified	1	1	0	0	0	2	2	0.2	28.6	0.2	22.2	3.1	0.7	-	-	-	0.5	0.4	6	6	0.0	100.0	
VIII BONE TUMOURS	3	4	18	21	40	46	86	5.6	100.0	7.2	100.0	9.2	3.0	10.2	11.3	19.5	8.2	10.7	128	225	91.9	5.8	
a. Osteosarcoma	1	0	10	8	20	19	39	2.3	41.3	3.3	45.3	3.1	-	5.6	4.3	9.7	3.3	4.7	53	101	92.3	5.1	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.1	1.2	-	-	-	0.5	-	-	0.1	-	2	2	100.0	0.0
c. Ewing & related	1	2	8	12	14	23	37	2.8	50.0	3.1	43.0	3.1	1.5	4.5	6.4	6.8	4.0	4.6	64	98	91.9	5.4	
d. Other specified	0	1	0	0	3	1	4	0.1	2.2	0.3	4.7	-	0.7	-	-	1.5	0.2	0.5	3	10	100.0	0.0	
e. Unspecified	1	1	0	1	2	3	5	0.4	6.5	0.4	5.8	3.1	0.7	-	0.5	1.0	0.6	0.7	9	14	80.0	20.0	
IX SOFT TISSUE SARCOMA	0	8	18	15	33	41	74	5.0	100.0	6.2	100.0	-	5.9	10.2	8.0	16.1	7.5	9.4	115	195	91.9	4.1	
a. Rhabdomyosarcoma	0	7	12	5	11	24	35	2.9	58.5	2.9	47.3	-	5.2	6.8	2.7	5.4	4.6	4.8	68	95	97.1	2.9	
b. Fibrosarcoma	0	1	1	3	3	5	8	0.6	12.2	0.7	10.8	-	0.7	0.6	1.6	1.5	0.9	1.0	14	21	75.0	12.5	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	0	3	5	8	8	16	1.0	19.5	1.3	21.6	-	-	1.7	2.7	3.9	1.3	1.9	22	41	93.8	0.0	
e. Unspecified	0	0	2	2	11	4	15	0.5	9.8	1.3	20.3	-	-	1.1	1.1	5.4	0.7	1.7	11	38	86.7	6.7	
X GERM CELL TUMOURS	8	8	4	7	54	27	81	3.3	100.0	6.8	100.0	24.5	5.9	2.3	3.8	26.3	5.5	10.2	78	209	96.3	1.2	
a. CNS germ cell	0	1	1	3	3	5	8	0.6	18.5	0.7	9.9	-	0.7	0.6	1.6	1.5	0.9	1.0	14	21	75.0	12.5	
b. Other extragonadal	3	5	0	0	4	8	12	1.0	29.6	1.0	14.8	9.2	3.7	-	-	1.9	1.8	1.9	24	34	100.0	0.0	
c. Gonadal germ cell	3	1	3	4	44	11	55	1.3	40.7	4.6	67.9	9.2	0.7	1.7	2.1	21.4	2.1	6.4	31	138	100.0	0.0	
d. Gonadal carcinoma	2	1	0	0	2	3	5	0.4	11.1	0.4	6.2	6.1	0.7	-	-	1.0	0.7	0.8	9	14	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	1.2	-	-	-	-	0.5	-	0.1	-	2	2	0.0	0.0
XI CARCINOMA & MELANOMA	3	10	12	21	58	46	104	5.6	100.0	8.7	100.0	9.2	7.4	6.8	11.3	28.3	8.5	12.9	129	270	95.2	4.8	
a. Adrenocortical	1	6	3	1	2	11	13	1.3	23.9	1.1	12.5	3.1	4.4	1.7	0.5	1.0	2.3	2.0	32	37	100.0	0.0	
b. Thyroid	0	0	1	8	24	9	33	1.1	19.6	2.8	31.7	-	-	0.6	4.3	11.7	1.4	3.7	24	83	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	5	1	6	0.1	2.2	0.5	5.8	-	-	-	0.5	2.4	0.2	0.7	3	15	100.0	0.0	
d. Melanoma	1	1	1	3	6	6	12	0.7	13.0	1.0	11.5	3.1	0.7	0.6	1.6	2.9	1.1	1.5	17	31	100.0	0.0	
e. Skin carcinoma	0	1	1	4	5	6	11	0.7	13.0	0.9	10.6	-	0.7	0.6	2.1	2.4	1.0	1.4	17	29	100.0	0.0	
f. Other & unspecified	1	2	6	4	16	13	29	1.6	28.3	2.4	27.9	3.1	1.5	3.4	2.1	7.8	2.4	3.6	37	76	82.8	17.2	
XII OTHER & UNSPECIFIED	6	2	1	4	5	13	18	1.6	100.0	1.5	100.0	18.4	1.5	0.6	2.1	2.4	2.7	2.6	37	50	27.8	44.4	
a. Other specified	0	0	0	1	2	1	3	0.1	7.7	0.3	16.7	-	-	-	0.5	1.0	0.2	0.3	3	8	66.7	33.3	
b. Other unspecified	6	2	1	3	3	12	15	1.5	92.3	1.3	83.3	18.4	1.5	0.6	1.6	1.5	2.5	2.3	35	42	20.0	46.7	
TOTAL	68	289	244	215	376	816	1192	100.0	100.0	100.0	100.0	208.0	214.3	137.8	115.2	183.2	160.4	165.5	2330	3246	91.8	6.5	

† includes 10 non-malignant

Please consult the quality indicators for this registry

BRAZIL, Curitiba (1998-2010)

	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		
I LEUKAEMIA	7	57	59	31	38	154	192	59.6	54.6	1.0	1.1	7	76	35	32	21	150	171	62.2	52.8				
a. Lymphoid	1	44	41	23	20	109	129	42.1	37.1	0.9	1.0	6	64	30	17	11	117	128	49.5	40.8				
b. Acute myeloid	5	10	15	6	14	36	50	14.0	13.9	1.8	1.8	0	6	4	10	8	20	28	7.5	7.5				
c. CMD	0	0	1	0	4	1	5	0.4	1.2	0.3	0.8	0	0	1	3	2	4	6	1.3	1.5				
d. MDS & other	1	0	0	1	0	2	2	0.8	0.6	1.0	1.0	1	1	0	0	0	2	2	0.9	0.7				
e. Unspecified	0	3	2	1	0	6	6	2.4	1.8	0.9	0.9	0	5	0	2	0	7	7	3.0	2.3				
II LYMPHOMA & RELATED	3	16	24	29	52	72	124	26.1	31.7	2.1	1.7	0	6	12	17	39	35	74	12.6	18.3				
a. Hodgkin	0	4	11	13	38	28	66	9.8	15.9	2.0	1.5	0	0	3	11	31	14	45	4.6	10.3				
b. Non-Hodgkin except BL	1	2	3	10	12	16	28	5.5	6.9	1.2	1.5	0	3	6	4	6	13	19	4.9	5.1				
c. Burkitt (BL)	0	4	9	6	0	19	19	6.9	5.3	4.8	3.8	0	1	2	1	1	4	5	1.5	1.4				
d. Lymphoreticular	2	5	0	0	1	7	8	3.2	2.7	1.8	2.0	0	2	1	1	0	4	4	1.6	1.3				
e. Unspecified	0	1	1	0	1	2	3	0.8	0.8	-	3.0	0	0	0	0	1	0	1	-	0.2				
III CNS NEOPLASMS †	2	21	27	15	13	65	78	24.7	22.0	1.1	1.0	6	16	22	17	15	61	76	23.9	21.8				
a. Ependymoma	2	5	0	2	0	9	9	3.8	2.9	1.3	1.0	1	2	3	1	2	7	9	2.8	2.6				
b. Astrocytoma	0	8	8	7	7	23	30	8.6	8.2	1.0	1.0	3	5	7	8	7	23	30	8.9	8.4				
c. CNS embryonal	0	3	16	3	2	22	24	8.0	6.6	1.1	1.1	1	7	7	5	1	20	21	7.9	6.4				
d. Other gliomas	0	3	1	0	2	4	6	1.7	1.8	0.5	0.6	0	1	4	3	2	8	10	2.9	2.7				
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Unspecified CNS	0	2	2	3	2	7	9	2.5	2.4	2.3	1.5	1	1	1	0	3	3	6	1.3	1.7				
IV NEUROBLASTOMA	7	16	4	0	2	27	29	11.8	9.6	0.9	1.0	5	18	4	3	0	30	30	13.3	10.3				
a. (Ganglio)neuroblastoma	7	15	4	0	1	26	27	11.4	9.0	0.9	0.9	5	18	4	3	0	30	30	13.3	10.3				
b. Peripheral nervous	0	1	0	0	1	1	2	0.5	0.6	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	3	4	0	0	0	7	7	3.2	2.5	0.9	0.8	3	4	1	0	1	8	9	3.7	3.1				
VI RENAL TUMOURS	1	15	1	0	1	17	18	7.6	6.1	1.7	1.5	2	5	1	2	2	10	12	4.3	3.8				
a. Nephroblastoma	1	15	1	0	0	17	17	7.6	5.9	2.4	2.4	1	5	1	0	0	7	7	3.2	2.5				
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	0.3	1	0	0	1	2	2	4	0.8	1.0				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.2				
VII HEPATIC TUMOURS	1	0	0	1	0	2	2	0.8	0.6	0.4	0.3	1	3	1	0	2	5	7	2.3	2.2				
a. Hepatoblastoma	0	0	0	1	0	1	1	0.3	0.2	0.3	0.3	1	2	1	0	0	4	4	1.8	1.4				
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	2	0	2	2	-	0.4				
c. Unspecified	1	0	0	0	0	1	1	0.5	0.4	1.0	1.0	0	1	0	0	0	1	1	0.5	0.4				
VIII BONE TUMOURS	2	2	10	12	25	26	51	9.1	12.5	1.3	1.5	1	2	8	9	15	20	35	7.2	8.9				
a. Osteosarcoma	1	0	7	5	14	13	27	4.5	6.6	2.2	2.3	0	0	3	3	6	6	12	2.1	2.9				
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	1	3	6	6	10	16	3.4	3.9	0.8	0.8	1	1	5	6	8	13	21	4.7	5.4				
d. Other specified	0	1	0	0	2	1	3	0.5	0.8	-	3.0	0	0	0	0	1	0	1	-	0.2				
e. Unspecified	1	0	0	1	2	2	4	0.8	1.0	2.0	4.0	0	1	0	0	0	1	1	0.5	0.4				
IX SOFT TISSUE SARCOMA	0	5	9	3	21	17	38	6.4	9.6	0.7	1.1	0	3	9	12	12	24	36	8.5	9.2				
a. Rhabdomyosarcoma	0	4	4	1	8	9	17	3.5	4.5	0.6	0.9	0	3	8	4	3	15	18	5.6	5.0				
b. Fibrosarcoma	0	1	1	2	2	4	6	1.4	1.5	4.0	3.0	0	0	0	1	1	1	2	0.3	0.5				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	0	3	0	5	3	8	1.1	1.9	0.6	1.0	0	0	0	5	3	5	8	1.6	1.9				
e. Unspecified	0	0	1	0	6	1	7	0.4	1.6	0.3	0.9	0	0	1	2	5	3	8	1.0	1.9				
X GERM CELL TUMOURS	6	3	2	5	41	16	57	6.3	13.9	1.5	2.4	2	5	2	2	13	11	24	4.7	6.5				
a. CNS germ cell	0	1	1	3	3	5	8	1.7	2.0	-	-	0	0	0	0	0	0	0	-	-				
b. Other extragonadal	1	0	0	0	1	1	2	0.5	0.6	0.1	0.2	2	5	0	0	3	7	10	3.3	3.2				
c. Gonadal germ cell	3	1	1	2	37	7	44	2.8	10.3	1.8	4.0	0	0	2	2	7	4	11	1.4	2.6				
d. Gonadal carcinoma	2	1	0	0	0	3	3	1.4	1.1	-	1.5	0	0	0	0	2	0	2	-	0.4				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2				
XI CARCINOMA & MELANOMA	3	4	9	6	20	22	42	8.2	10.8	0.9	0.7	0	6	3	15	38	24	62	8.7	15.0				
a. Adrenocortical	1	1	1	0	2	3	5	1.3	1.4	0.4	0.6	0	5	2	1	0	8	8	3.4	2.6				
b. Thyroid	0	0	1	2	5	3	8	1.0	1.9	0.5	0.3	0	0	0	6	19	6	25	1.9	5.6				
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	5	1	6	0.3	1.3				
d. Melanoma	1	1	1	1	4	4	8	1.6	2.1	2.0	2.0	0	0	0	2	2	2	4	0.6	0.9				
e. Skin carcinoma	0	1	1	1	1	3	4	1.1	1.1	1.0	0.6	0	0	0	3	4	3	7	0.9	1.6				
f. Other & unspecified	1	1	5	2	8	9	17	3.3	4.3	2.3	1.4	0	1	1	2	8	4	12	1.5	2.9				
XII OTHER & UNSPECIFIED	3	1	1	3	2	8	10	3.1	2.8	1.6	1.3	3	1	0	1	3	5	8	2.2	2.4				
a. Other specified	0	0	0	1	0	1	1	0.3	0.2	-	0.5	0	0	0	0	2	0	2	-	0.4				
b. Other unspecified	3	1	1	2	2	7	9	2.8	2.6	1.4	1.5	3	1	0	1	1	5	6	2.2	1.9				
TOTAL	38	144	146	105	215	433	648	167.0	176.8	1.1	1.2	30	145	98	110	161	383	544	153.5	154.1				

† includes 5 non-malignant in males and 5 non-malignant in females

Please consult the quality indicators for this registry

BRAZIL, Curitiba (1998-2010)

	Age group	Males	Females
Person-years	0	166 543	160 312
	1-4	688 721	659 891
	5-9	901 343	869 431
	10-14	942 879	923 431
	15-19	1 021 149	1 031 370
Total	0-14	2 699 486	2 613 065
	0-19	3 720 635	3 644 435
Average annual population	0-14	207 653	201 005
	0-19	286 203	280 341

Please consult the quality indicators for this registry