

BRAZIL, Goiânia (1995-2011)

	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	7	82	73	52	47	214	261	28.4	100.0	23.4	100.0	22.5	65.2	45.3	29.9	23.7	45.2	40.4	660	778	93.5	6.5	
a. Lymphoid	3	60	53	34	26	150	176	19.9	70.1	15.8	67.4	9.6	47.7	32.9	19.5	13.1	31.8	27.6	463	528	96.6	3.4	
b. Acute myeloid	3	11	12	14	9	40	49	5.3	18.7	4.4	18.8	9.6	8.7	7.5	8.0	4.5	8.2	7.4	122	145	89.8	10.2	
c. CMD	0	4	0	0	5	4	9	0.5	1.9	0.8	3.4	-	3.2	-	-	2.5	1.0	1.3	13	25	88.9	11.1	
d. MDS & other	0	0	2	1	3	3	6	0.4	1.4	0.5	2.3	-	-	1.2	0.6	1.5	0.6	0.8	9	17	100.0	0.0	
e. Unspecified	1	7	6	3	4	17	21	2.3	7.9	1.9	8.0	3.2	5.6	3.7	1.7	2.0	3.7	3.3	53	63	76.2	23.8	
II LYMPHOMA & RELATED	0	23	44	43	64	110	174	14.6	100.0	15.6	100.0	-	18.3	27.3	24.7	32.2	21.7	24.0	333	495	99.4	0.0	
a. Hodgkin	0	2	21	23	38	46	84	6.1	41.8	7.5	48.3	-	1.6	13.0	13.2	19.1	8.5	10.9	138	233	100.0	0.0	
b. Non-Hodgkin except BL	0	10	10	6	14	26	40	3.4	23.6	3.6	23.0	-	8.0	6.2	3.4	7.1	5.5	5.8	80	115	100.0	0.0	
c. Burkitt (BL)	0	4	7	7	4	18	22	2.4	16.4	2.0	12.6	-	3.2	4.3	4.0	2.0	3.6	3.2	55	65	100.0	0.0	
d. Lymphoreticular	0	5	2	1	1	8	9	1.1	7.3	0.8	5.2	-	4.0	1.2	0.6	0.5	1.8	1.5	25	28	100.0	0.0	
e. Unspecified	0	2	4	6	7	12	19	1.6	10.9	1.7	10.9	-	1.6	2.5	3.4	3.5	2.3	2.6	36	54	94.7	0.0	
III CNS NEOPLASMS	12	30	57	41	45	140	185	18.6	100.0	16.6	100.0	38.5	23.9	35.4	23.6	22.7	28.6	27.3	429	542	87.0	6.5	
a. Ependymoma	3	7	6	2	4	18	22	2.4	12.9	2.0	11.9	9.6	5.6	3.7	1.1	2.0	4.0	3.6	56	66	100.0	0.0	
b. Astrocytoma	6	13	20	25	27	64	91	8.5	45.7	8.2	49.2	19.3	10.3	12.4	14.4	13.6	12.9	13.0	194	262	98.9	0.0	
c. CNS embryonal	1	3	17	10	6	31	37	4.1	22.1	3.3	20.0	3.2	2.4	10.6	5.7	3.0	6.1	5.4	94	109	97.3	0.0	
d. Other gliomas	0	3	9	4	6	16	22	2.1	11.4	2.0	11.9	-	2.4	5.6	2.3	3.0	3.2	3.2	49	64	54.5	0.0	
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Unspecified CNS	2	4	5	0	2	11	13	1.5	7.9	1.2	7.0	6.4	3.2	3.1	-	1.0	2.5	2.1	35	40	7.7	92.3	
IV NEUROBLASTOMA	7	22	7	2	0	38	38	5.0	100.0	3.4	100.0	22.5	17.5	4.3	1.1	-	8.9	6.9	120	120	94.7	0.0	
a. (Ganglio)neuroblastoma	6	22	7	2	0	37	37	4.9	97.4	3.3	97.4	19.3	17.5	4.3	1.1	-	8.6	6.7	117	117	97.3	0.0	
b. Peripheral nervous	1	0	0	0	0	1	1	0.1	2.6	0.1	2.6	3.2	-	-	-	-	0.2	0.2	3	3	0.0	0.0	
V RETINOBLASTOMA	5	16	3	1	0	25	25	3.3	100.0	2.2	100.0	16.1	12.7	1.9	0.6	-	5.9	4.6	79	79	96.0	0.0	
VI RENAL TUMOURS	8	32	13	4	1	57	58	7.6	100.0	5.2	100.0	25.7	25.4	8.1	2.3	0.5	13.1	10.3	179	182	93.1	1.7	
a. Nephroblastoma	7	32	13	1	0	53	53	7.0	93.0	4.8	91.4	22.5	25.4	8.1	0.6	-	12.4	9.6	168	168	94.3	0.0	
b. Renal carcinoma	0	0	0	3	1	3	4	0.4	5.3	0.4	6.9	-	-	-	1.7	0.5	0.5	0.5	9	11	100.0	0.0	
c. Unspecified	1	0	0	0	0	1	1	0.1	1.8	0.1	1.7	3.2	-	-	-	-	0.2	0.2	3	3	0.0	100.0	
VII HEPATIC TUMOURS	1	6	0	4	1	11	12	1.5	100.0	1.1	100.0	3.2	4.8	-	2.3	0.5	2.4	2.0	34	36	91.7	8.3	
a. Hepatoblastoma	0	4	0	1	0	5	5	0.7	45.5	0.4	41.7	-	3.2	-	0.6	-	1.2	0.9	16	16	100.0	0.0	
b. Hepatic carcinoma	1	2	0	2	1	5	6	0.7	45.5	0.5	50.0	3.2	1.6	-	1.1	0.5	1.1	0.9	15	18	100.0	0.0	
c. Unspecified	0	0	0	1	0	1	1	0.1	9.1	0.1	8.3	-	-	-	0.6	-	0.2	0.1	3	3	0.0	100.0	
VIII BONE TUMOURS	1	1	10	28	42	40	82	5.3	100.0	7.4	100.0	3.2	0.8	6.2	16.1	21.2	7.2	10.3	118	224	96.3	1.2	
a. Osteosarcoma	0	1	3	20	27	24	51	3.2	60.0	4.6	62.2	-	0.8	1.9	11.5	13.6	4.2	6.3	70	138	98.0	0.0	
b. Chondrosarcoma	0	0	0	1	4	1	5	0.1	2.5	0.4	6.1	-	-	-	0.6	2.0	0.2	0.6	3	13	100.0	0.0	
c. Ewing & related	0	0	7	7	10	14	24	1.9	35.0	2.2	29.3	-	-	4.3	4.0	5.0	2.6	3.1	42	67	95.8	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.1	1.2	-	-	-	-	0.5	-	0.1	-	3	3	100.0	0.0
e. Unspecified	1	0	0	0	0	1	1	0.1	2.5	0.1	1.2	3.2	-	-	-	-	0.2	0.2	3	3	0.0	100.0	
IX SOFT TISSUE SARCOMA	4	14	15	11	30	44	74	5.8	100.0	6.6	100.0	12.8	11.1	9.3	6.3	15.1	9.3	10.6	136	211	98.6	0.0	
a. Rhabdomyosarcoma	2	10	6	8	7	26	33	3.4	59.1	3.0	44.6	6.4	8.0	3.7	4.6	3.5	5.5	5.1	80	97	97.0	0.0	
b. Fibrosarcoma	1	0	4	1	2	6	8	0.8	13.6	0.7	10.8	3.2	-	2.5	0.6	1.0	1.2	1.2	18	24	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	4	4	0	16	9	25	1.2	20.5	2.2	33.8	3.2	3.2	2.5	-	8.1	2.0	3.4	28	69	100.0	0.0	
e. Unspecified	0	0	1	2	5	3	8	0.4	6.8	0.7	10.8	-	-	0.6	1.1	2.5	0.5	1.0	9	21	100.0	0.0	
X GERM CELL TUMOURS	4	9	6	8	25	27	52	3.6	100.0	4.7	100.0	12.8	7.2	3.7	4.6	12.6	5.7	7.3	83	146	96.2	3.8	
a. CNS germ cell	0	0	2	2	3	4	7	0.5	14.8	0.6	13.5	-	-	1.2	1.1	1.5	0.7	0.9	12	20	100.0	0.0	
b. Other extragonadal	3	4	0	2	5	7	12	0.9	25.9	1.1	23.1	9.6	3.2	-	-	2.5	1.7	1.9	22	35	100.0	0.0	
c. Gonadal germ cell	0	5	3	4	11	12	23	1.6	44.4	2.1	44.2	-	4.0	1.9	2.3	5.5	2.5	3.2	37	64	100.0	0.0	
d. Gonadal carcinoma	0	0	1	0	5	1	6	0.1	3.7	0.5	11.5	-	-	0.6	-	2.5	0.2	0.7	3	16	100.0	0.0	
e. Unspecified gonadal	1	0	0	2	1	3	4	0.4	11.1	0.4	7.7	3.2	-	-	1.1	0.5	0.6	0.6	9	11	50.0	50.0	
XI CARCINOMA & MELANOMA	3	6	7	23	100	39	139	5.2	100.0	12.5	100.0	9.6	4.8	4.3	13.2	50.4	7.5	17.1	116	368	98.6	0.0	
a. Adrenocortical	2	4	0	0	2	6	8	0.8	15.4	0.7	5.8	6.4	3.2	-	-	1.0	1.5	1.4	19	24	87.5	0.0	
b. Thyroid	0	0	2	3	39	5	44	0.7	12.8	3.9	31.7	-	-	1.2	1.7	19.6	0.9	5.1	15	113	100.0	0.0	
c. Nasopharyngeal	0	0	0	5	6	5	11	0.7	12.8	1.0	7.9	-	-	-	2.9	3.0	0.8	1.3	14	29	100.0	0.0	
d. Melanoma	1	1	0	1	8	3	11	0.4	7.7	1.0	7.9	3.2	0.8	-	0.6	4.0	0.7	1.4	9	29	100.0	0.0	
e. Skin carcinoma	0	0	3	9	21	12	33	1.6	30.8	3.0	23.7	-	-	1.9	5.2	10.6	2.1	4.0	35	88	100.0	0.0	
f. Other & unspecified	0	1	2	5	24	8	32	1.1	20.5	2.9	23.0	-	0.8	1.2	2.9	12.1	1.5	3.9	24	84	96.9	0.0	
XII OTHER & UNSPECIFIED	5	2	1	1	5	9	14	1.2	100.0	1.3	100.0	16.1	1.6	0.6	0.6	2.5	2.1	2.2	28	41	50.0	50.0	
a. Other specified	0	1	0	0	0	1	1	0.1	11.1	0.1	7.1	-	0.8	-	-	-	0.2	0.2	3	3	100.0	0.0	
b. Other unspecified	5	1	1	1	5	8	13	1.1	88.9	1.2	92.9	16.1	0.8	0.6	0.6	2.5	1.8	2.0	25	38	46.2	53.8	
TOTAL	57	243	236	218	360	754	1114	100.0	100.0	100.0	100.0	183.0	193.2	146.5	125.2	181.3	157.6	163.0	2315	3221	94.2	3.7	

Please consult the quality indicators for this registry

BRAZIL, Goiânia (1995-2011)

	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	3	56	43	31	29	133	162	55.9	50.1	1.6	1.6	4	26	30	21	18	81	99	34.3	30.5		
a. Lymphoid	1	42	30	21	18	94	112	39.7	35.0	1.7	1.8	2	18	23	13	8	56	64	23.7	20.2		
b. Acute myeloid	1	7	7	7	6	22	28	9.0	8.4	1.2	1.3	2	4	5	7	3	18	21	7.4	6.4		
c. CMD	0	4	0	0	3	4	7	1.9	2.2	-	3.5	0	0	0	0	2	0	2	-	0.4		
d. MDS & other	0	0	1	1	2	2	4	0.7	1.0	2.0	2.0	0	0	1	0	1	1	2	0.4	0.5		
e. Unspecified	1	3	5	2	0	11	11	4.6	3.6	1.8	1.1	0	4	1	1	4	6	10	2.7	3.0		
II LYMPHOMA & RELATED	0	16	34	31	29	81	110	31.5	31.2	2.8	1.7	0	7	10	12	35	29	64	11.6	16.7		
a. Hodgkin	0	1	17	17	13	35	48	12.9	13.0	3.2	1.3	0	1	4	6	25	11	36	4.1	8.7		
b. Non-Hodgkin except BL	0	7	7	2	8	16	24	6.8	7.2	1.6	1.5	0	3	3	4	6	10	16	4.1	4.5		
c. Burkitt (BL)	0	3	6	6	3	15	18	5.8	5.2	5.0	4.5	0	1	1	1	1	3	4	1.2	1.2		
d. Lymphoreticular	0	3	1	1	1	5	6	2.2	1.9	1.7	2.0	0	2	1	0	0	3	3	1.4	1.1		
e. Unspecified	0	2	3	5	4	10	14	3.8	3.9	5.0	2.8	0	0	1	1	3	2	5	0.7	1.2		
III CNS NEOPLASMS	6	13	33	18	25	70	95	28.2	27.7	1.0	1.1	6	17	24	23	20	70	90	29.0	26.9		
a. Ependymoma	1	3	5	1	3	10	13	4.2	4.0	1.3	1.4	2	4	1	1	1	8	9	3.8	3.1		
b. Astrocytoma	4	3	13	10	13	30	43	11.9	12.2	0.9	0.9	2	10	7	15	14	34	48	13.9	13.8		
c. CNS embryonal	0	3	9	6	4	18	22	7.0	6.4	1.4	1.5	1	0	8	4	2	13	15	5.1	4.4		
d. Other gliomas	0	3	5	1	4	9	13	3.8	3.9	1.3	1.4	0	0	4	3	2	7	9	2.6	2.5		
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	1	1	1	0	1	3	4	1.4	1.3	0.4	0.4	1	3	4	0	1	8	9	3.6	3.0		
IV NEUROBLASTOMA	4	9	3	0	0	16	16	7.5	5.8	0.7	0.7	3	13	4	2	0	22	22	10.3	8.0		
a. (Ganglioneuroblastoma	3	9	3	0	0	15	15	7.0	5.4	0.7	0.7	3	13	4	2	0	22	22	10.3	8.0		
b. Peripheral nervous	1	0	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	1	6	0	1	0	8	8	3.7	2.9	0.5	0.5	4	10	3	0	0	17	17	8.3	6.4		
VI RENAL TUMOURS	4	16	6	2	1	28	29	12.7	10.1	1.0	1.0	4	16	7	2	0	29	29	13.6	10.5		
a. Nephroblastoma	4	16	6	1	0	27	27	12.4	9.6	1.0	1.0	3	16	7	0	0	26	26	12.4	9.6		
b. Renal carcinoma	0	0	0	1	1	1	2	0.3	0.5	0.5	1.0	0	0	0	2	0	2	2	0.7	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.5	0.4		
VII HEPATIC TUMOURS	0	5	0	2	0	7	7	3.1	2.4	1.8	1.4	1	1	0	2	1	4	5	1.7	1.5		
a. Hepatoblastoma	0	4	0	1	0	5	5	2.3	1.8	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	1	0	1	0	2	2	0.8	0.6	0.7	0.5	1	1	0	1	1	3	4	1.3	1.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.3		
VIII BONE TUMOURS	0	0	4	13	30	17	47	5.9	11.6	0.7	1.3	1	1	6	15	12	23	35	8.4	9.2		
a. Osteosarcoma	0	0	1	9	20	10	30	3.4	7.3	0.7	1.4	0	1	2	11	7	14	21	5.0	5.4		
b. Chondrosarcoma	0	0	0	0	4	0	4	-	0.9	0.0	4.0	0	0	0	1	0	1	1	0.3	0.3		
c. Ewing & related	0	0	3	4	6	7	13	2.5	3.4	1.0	1.2	0	0	4	3	4	7	11	2.6	2.9		
d. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.5	0.4		
IX SOFT TISSUE SARCOMA	3	5	7	6	14	21	35	8.6	10.0	0.9	0.9	1	9	8	5	16	23	39	9.9	11.2		
a. Rhabdomyosarcoma	2	4	1	4	4	11	15	4.6	4.5	0.7	0.8	0	6	5	4	3	15	18	6.4	5.6		
b. Fibrosarcoma	1	0	3	1	2	5	7	2.0	2.0	5.0	7.0	0	0	1	0	0	1	1	0.4	0.3		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	2	0	5	3	8	1.3	2.2	0.5	0.5	1	3	2	0	11	6	17	2.8	4.6		
e. Unspecified	0	0	1	1	3	2	5	0.7	1.3	2.0	1.7	0	0	0	1	2	1	3	0.3	0.7		
X GERM CELL TUMOURS	2	5	1	4	13	12	25	5.1	7.0	0.8	0.9	2	4	5	4	12	15	27	6.4	7.6		
a. CNS germ cell	0	0	1	2	2	3	5	1.1	1.3	3.0	2.5	0	0	1	0	1	1	2	0.4	0.5		
b. Other extragonadal	2	2	0	0	2	4	6	1.9	2.0	1.3	1.0	1	2	0	0	3	3	6	1.5	1.8		
c. Gonadal germ cell	0	3	0	2	9	5	14	2.1	3.7	0.7	1.6	0	2	3	2	2	7	9	2.9	2.7		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	5	1	6	0.4	1.4		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	2	1	3	4	1.2	1.1		
XI CARCINOMA & MELANOMA	2	1	2	12	35	17	52	6.2	13.0	0.8	0.6	1	5	5	11	65	22	87	8.7	21.1		
a. Adrenocortical	1	0	0	0	2	1	3	0.5	0.8	0.2	0.6	1	4	0	0	0	5	5	2.5	1.9		
b. Thyroid	0	0	1	1	10	2	12	0.7	2.9	0.7	0.4	0	0	1	2	29	3	32	1.1	7.2		
c. Nasopharyngeal	0	0	0	3	3	3	6	1.0	1.5	1.5	1.2	0	0	0	2	3	2	5	0.7	1.2		
d. Melanoma	1	0	0	1	4	2	6	0.8	1.6	2.0	1.2	0	1	0	0	4	1	5	0.5	1.3		
e. Skin carcinoma	0	0	0	4	5	4	9	1.3	2.2	0.5	0.4	0	0	3	5	16	8	24	2.9	5.8		
f. Other & unspecified	0	1	1	3	11	5	16	1.9	4.0	1.7	1.0	0	0	1	2	13	3	16	1.1	3.7		
XII OTHER & UNSPECIFIED	2	1	1	1	5	5	10	2.2	2.9	1.3	2.5	3	1	0	0	0	4	4	2.0	1.6		
a. Other specified	0	1	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	2	0	1	1	5	4	9	1.7	2.5	1.0	2.3	3	1	0	0	0	4	4	2.0	1.6		
TOTAL	27	133	134	121	181	415	596	170.8	174.7	1.2	1.2	30	110	102	97	179	339	518	144.1	151.1		

Please consult the quality indicators for this registry

BRAZIL, Goiânia (1995-2011)

	Age group	Males	Females
Person-years	0	158 830	152 596
	1-4	639 592	618 115
	5-9	816 556	794 072
	10-14	870 969	869 634
	15-19	962 885	1 022 344
Total	0-14	2 485 947	2 434 417
	0-19	3 448 832	3 456 761
Average annual population	0-14	146 232	143 201
	0-19	202 872	203 339

Please consult the quality indicators for this registry