

BRAZIL, 5 registries (1995-2012)

	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
I LEUKAEMIA	37	325	268	186	185	816	1001	31.3	100.0	25.9	100.0	31.8	68.8	44.3	28.5	25.2	46.4	41.6	671	797	91.6	8.2
a. Lymphoid	19	249	190	123	91	581	672	22.3	71.2	17.4	67.1	16.3	52.7	31.4	18.8	12.4	33.2	28.5	479	541	94.5	5.5
b. Acute myeloid	11	40	49	45	60	145	205	5.6	17.8	5.3	20.5	9.4	8.5	8.1	6.9	8.2	8.0	8.0	118	159	88.3	11.2
c. CMD	0	5	4	5	19	14	33	0.5	1.7	0.9	3.3	-	1.1	0.7	0.8	2.6	0.8	1.2	11	24	87.9	12.1
d. MDS & other	3	1	2	2	3	8	11	0.3	1.0	0.3	1.1	2.6	0.2	0.3	0.3	0.4	0.5	0.4	7	9	90.9	9.1
e. Unspecified	4	30	23	11	12	68	80	2.6	8.3	2.1	8.0	3.4	6.4	3.8	1.7	1.6	4.0	3.4	56	64	77.5	21.3
II LYMPHOMA & RELATED	6	76	123	156	281	361	642	13.9	100.0	16.6	100.0	5.2	16.1	20.3	23.9	38.3	18.9	23.3	291	482	97.7	2.2
a. Hodgkin	0	9	51	90	177	150	327	5.8	41.6	8.5	50.9	-	1.9	8.4	13.8	24.1	7.3	11.1	119	239	99.1	0.9
b. Non-Hodgkin except BL	3	35	32	37	79	107	186	4.1	29.6	4.8	29.0	2.6	7.4	5.3	5.7	10.8	5.8	7.0	87	141	97.3	2.7
c. Burkitt (BL)	0	14	28	18	12	60	72	2.3	16.6	1.9	11.2	-	3.0	4.6	2.8	1.6	3.2	2.9	49	57	97.2	2.8
d. Lymphoreticular	3	14	6	3	3	26	29	1.0	7.2	0.8	4.5	2.6	3.0	1.0	0.5	0.4	1.6	1.3	22	24	100.0	0.0
e. Unspecified	0	4	6	8	10	18	28	0.7	5.0	0.7	4.4	-	0.8	1.0	1.2	1.4	0.9	1.0	14	21	82.1	14.3
III CNS NEOPLASMS †	30	123	167	131	126	451	577	17.3	100.0	15.0	100.0	25.8	26.1	27.6	20.1	17.2	24.8	23.1	368	454	81.6	11.1
a. Ependymoma	7	21	12	7	12	47	59	1.8	10.4	1.5	10.2	6.0	4.4	2.0	1.1	1.6	2.8	2.5	39	47	100.0	0.0
b. Astrocytoma	10	43	58	57	53	168	221	6.5	37.3	5.7	38.3	8.6	9.1	9.6	8.7	7.2	9.1	8.7	137	173	98.2	1.4
c. CNS embryonal	4	25	52	36	17	117	134	4.5	25.9	3.5	23.2	3.4	5.3	8.6	5.5	2.3	6.3	5.4	95	107	97.0	2.2
d. Other gliomas	1	9	19	13	17	42	59	1.6	9.3	1.5	10.2	0.9	1.9	3.1	2.0	2.3	2.2	2.3	34	46	72.9	1.7
e. Other specified	0	0	1	0	4	1	5	0.0	0.2	0.1	0.9	-	-	0.2	-	0.5	0.1	0.2	1	4	100.0	0.0
f. Unspecified CNS	8	25	25	18	23	76	99	2.9	16.9	2.6	17.2	6.9	5.3	4.1	2.8	3.1	4.3	4.0	62	78	17.2	57.6
IV NEUROBLASTOMA	29	82	19	10	5	140	145	5.4	100.0	3.8	100.0	24.9	17.4	3.1	1.5	0.7	8.8	6.9	118	121	97.2	1.4
a. (Ganglio)neuroblastoma	28	80	19	7	1	134	135	5.1	95.7	3.5	93.1	24.0	16.9	3.1	1.1	0.1	8.4	6.6	113	113	97.8	1.5
b. Peripheral nervous	1	2	0	3	4	6	10	0.2	4.3	0.3	6.9	0.9	0.4	-	0.5	0.5	0.3	0.4	5	8	90.0	0.0
V RETINOBLASTOMA	16	38	8	1	1	63	64	2.4	100.0	1.7	100.0	13.7	8.0	1.3	0.2	0.1	4.0	3.1	53	54	90.6	1.6
VI RENAL TUMOURS	15	98	31	11	6	155	161	6.0	100.0	4.2	100.0	12.9	20.8	5.1	1.7	0.8	9.6	7.6	130	134	94.4	2.5
a. Nephroblastoma	13	94	28	3	1	138	139	5.3	89.0	3.6	86.3	11.2	19.9	4.6	0.5	0.1	8.7	6.7	116	117	97.1	0.0
b. Renal carcinoma	1	1	1	7	4	10	14	0.4	6.5	0.4	8.7	0.9	0.2	0.2	1.1	0.5	0.5	0.5	8	11	100.0	0.0
c. Unspecified	1	3	2	1	1	7	8	0.3	4.5	0.2	5.0	0.9	0.6	0.3	0.2	0.1	0.4	0.4	6	6	37.5	50.0
VII HEPATIC TUMOURS	7	13	5	6	11	31	42	1.2	100.0	1.1	100.0	6.0	2.8	0.8	0.9	1.5	1.8	1.8	26	33	78.6	19.0
a. Hepatoblastoma	3	9	3	2	0	17	17	0.7	54.8	0.4	40.5	2.6	1.9	0.5	0.3	-	1.0	0.8	14	14	88.2	11.8
b. Hepatic carcinoma	1	2	2	3	9	8	17	0.3	25.8	0.4	40.5	0.9	0.4	0.3	0.5	1.2	0.4	0.6	6	13	94.1	5.9
c. Unspecified	3	2	0	1	2	6	8	0.2	19.4	0.2	19.0	2.6	0.4	-	0.2	0.3	0.4	0.4	5	6	25.0	62.5
VIII BONE TUMOURS	4	9	43	90	143	146	289	5.6	100.0	7.5	100.0	3.4	1.9	7.1	13.8	19.5	7.1	9.9	115	213	92.7	5.5
a. Osteosarcoma	1	1	17	59	81	78	159	3.0	53.4	4.1	55.0	0.9	0.2	2.8	9.0	11.0	3.7	5.3	61	116	97.5	1.3
b. Chondrosarcoma	0	0	0	1	12	1	13	0.0	0.7	0.3	4.5	-	-	-	0.2	1.6	0.0	0.4	1	9	100.0	0.0
c. Ewing & related	1	4	20	26	30	51	81	2.0	34.9	2.1	28.0	0.9	0.8	3.3	4.0	4.1	2.6	2.9	41	61	95.1	2.5
d. Other specified	0	1	2	0	6	3	9	0.1	2.1	0.2	3.1	-	0.2	0.3	-	0.8	0.2	0.3	3	7	100.0	0.0
e. Unspecified	2	3	4	4	14	13	27	0.5	8.9	0.7	9.3	1.7	0.6	0.7	0.6	1.9	0.7	1.0	11	20	51.9	44.4
IX SOFT TISSUE SARCOMA	6	50	48	47	93	151	244	5.8	100.0	6.3	100.0	5.2	10.6	7.9	7.2	12.7	8.3	9.3	123	187	96.7	1.6
a. Rhabdomyosarcoma	4	39	26	22	22	91	113	3.5	60.3	2.9	46.3	3.4	8.3	4.3	3.4	3.0	5.2	4.7	75	90	98.2	0.9
b. Fibrosarcoma	1	2	7	6	6	16	22	0.6	10.6	0.6	9.0	0.9	0.4	1.2	0.9	0.8	0.8	0.8	13	17	90.9	4.5
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.0	0.4	-	-	-	-	0.1	-	0.0	-	1	100.0	0.0
d. Other specified	1	8	12	12	34	33	67	1.3	21.9	1.7	27.5	0.9	1.7	2.0	1.8	4.6	1.8	2.4	27	50	98.5	0.0
e. Unspecified	0	1	3	7	30	11	41	0.4	7.3	1.1	16.8	-	0.2	0.5	1.1	4.1	0.5	1.3	9	29	92.7	4.9
X GERM CELL TUMOURS	15	25	17	29	121	86	207	3.3	100.0	5.4	100.0	12.9	5.3	2.8	4.4	16.5	4.8	7.5	70	153	96.1	2.4
a. CNS germ cell	1	1	5	8	7	15	22	0.6	17.4	0.6	10.6	0.9	0.2	0.8	1.2	1.0	0.8	0.8	12	17	90.9	4.5
b. Other extragonadal	7	14	0	1	16	22	38	0.8	25.6	1.0	18.4	6.0	3.0	-	0.2	2.2	1.4	1.6	19	30	100.0	0.0
c. Gonadal germ cell	4	8	9	15	82	36	118	1.4	41.9	3.1	57.0	3.4	1.7	1.5	2.3	11.2	1.9	4.0	29	85	100.0	0.0
d. Gonadal carcinoma	2	1	3	1	8	7	15	0.3	8.1	0.4	7.2	1.7	0.2	0.5	0.2	1.1	0.4	0.6	6	11	100.0	0.0
e. Unspecified gonadal	1	1	0	4	8	6	14	0.2	7.0	0.4	6.8	0.9	0.2	-	0.6	1.1	0.3	0.5	5	10	57.1	28.6
XI CARCINOMA & MELANOMA	6	22	31	90	263	149	412	5.7	100.0	10.7	100.0	5.2	4.7	5.1	13.8	35.8	7.5	13.9	118	298	98.1	1.2
a. Adrenocortical	3	10	3	1	4	17	21	0.7	11.4	0.5	5.1	2.6	2.1	0.5	0.2	0.5	1.1	0.9	14	17	95.2	0.0
b. Thyroid	0	0	4	26	98	30	128	1.2	20.1	3.3	31.1	-	-	0.7	4.0	13.4	1.4	4.1	23	90	100.0	0.0
c. Nasopharyngeal	0	0	0	14	17	14	31	0.5	9.4	0.8	7.5	-	-	-	2.1	2.3	0.6	1.0	11	22	100.0	0.0
d. Melanoma	2	3	2	8	18	15	33	0.6	10.1	0.9	8.0	1.7	0.6	0.3	1.2	2.5	0.8	1.2	12	24	100.0	0.0
e. Skin carcinoma	0	2	10	21	50	33	83	1.3	22.1	2.2	20.1	-	0.4	1.7	3.2	6.8	1.6	2.8	26	60	100.0	0.0
f. Other & unspecified	1	7	12	20	76	40	116	1.5	26.8	3.0	28.2	0.9	1.5	2.0	3.1	10.4	2.1	3.9	32	84	94.0	4.3
XII OTHER & UNSPECIFIED	18	13	10	13	20	54	74	2.1	100.0	1.9	100.0	15.5	2.8	1.7	2.0	2.7	3.1	3.1	45	58	41.9	47.3
a. Other specified	0	1	0	1	2	2	4	0.1	3.7	0.1	5.4	-	0.2	-	0.2	0.3	0.1	0.1	2	3	75.0	25.0
b. Other unspecified	18	12	10	12	18	52	70	2.0	96.3	1.8	94.6	15.5	2.5	1.7	1.8	2.5	3.0	2.9	43	55	40.0	48.6
TOTAL	189	874	770	770	1255	2603	3858	100.0	100.0	100.0	100.0	162.3	185.1	127.2	118.0	171.1	145.2	151.0	2129	2984	91.7	6.2

† includes 35 non-malignant

Please consult the quality indicators for the constituent registries

BRAZIL, 5 registries (1995-2012)

	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		
I LEUKAEMIA	20	167	158	106	118	451	569	50.2	46.3	1.2	1.3	17	158	110	80	67	365	432	42.5	36.9				
a. Lymphoid	7	127	108	73	61	315	376	35.1	31.1	1.2	1.3	12	122	82	50	30	266	296	31.3	26.0				
b. Acute myeloid	7	22	30	25	36	84	120	9.1	9.3	1.4	1.4	4	18	19	20	24	61	85	6.8	6.7				
c. CMD	0	5	3	1	12	9	21	1.1	1.6	1.8	1.8	0	0	1	4	7	5	12	0.5	0.8				
d. MDS & other	2	0	1	2	2	5	7	0.5	0.5	1.7	1.8	1	1	1	0	1	3	4	0.4	0.4				
e. Unspecified	4	13	16	5	7	38	45	4.3	3.8	1.3	1.3	0	17	7	6	5	30	35	3.6	3.1				
II LYMPHOMA & RELATED	4	55	88	103	155	250	405	26.0	29.9	2.3	1.7	2	21	35	53	126	111	237	11.6	16.5				
a. Hodgkin	0	6	41	59	83	106	189	10.3	13.2	2.4	1.4	0	3	10	31	94	44	138	4.2	8.9				
b. Non-Hodgkin except BL	1	25	18	23	55	67	122	7.3	9.1	1.7	1.9	2	10	14	14	24	40	64	4.4	4.8				
c. Burkitt (BL)	0	11	21	14	8	46	54	4.9	4.3	3.3	3.0	0	3	7	4	4	14	18	1.5	1.4				
d. Lymphoreticular	3	10	3	1	3	17	20	2.1	1.8	1.9	2.2	0	4	3	2	0	9	9	1.0	0.8				
e. Unspecified	0	3	5	6	6	14	20	1.4	1.5	3.5	2.5	0	1	1	2	4	4	8	0.4	0.6				
III CNS NEOPLASMS †	16	67	92	57	61	232	293	25.5	23.6	1.1	1.0	14	56	75	74	65	219	284	24.1	22.6				
a. Ependymoma	4	11	6	3	5	24	29	2.8	2.5	1.0	1.0	3	10	6	4	7	23	30	2.7	2.5				
b. Astrocytoma	5	23	35	22	27	85	112	9.2	8.9	1.0	1.0	5	20	23	35	26	83	109	9.0	8.5				
c. CNS embryonal	2	13	31	16	9	62	71	6.6	5.7	1.1	1.1	2	12	21	20	8	55	63	5.9	5.1				
d. Other gliomas	1	7	7	5	9	20	29	2.2	2.3	0.9	1.0	0	2	12	8	8	22	30	2.3	2.2				
e. Other specified	0	0	1	0	2	1	3	0.1	0.2	-	1.5	0	0	0	0	2	0	2	-	0.1				
f. Unspecified CNS	4	13	12	11	9	40	49	4.4	4.0	1.1	1.0	4	12	13	7	14	36	50	4.2	4.1				
IV NEUROBLASTOMA	18	38	10	2	4	68	72	8.5	6.8	0.9	1.0	11	44	9	8	1	72	73	9.1	7.1				
a. (Ganglioneuroblastoma	17	37	10	0	1	64	65	8.0	6.3	0.9	0.9	11	43	9	7	0	70	70	8.8	6.8				
b. Peripheral nervous	1	1	0	2	3	4	7	0.4	0.5	2.0	2.3	0	1	0	1	1	2	3	0.2	0.2				
V RETINOBLASTOMA	6	17	2	1	0	26	26	3.3	2.5	0.7	0.7	10	21	6	0	1	37	38	4.8	3.8				
VI RENAL TUMOURS	7	48	14	6	2	75	77	9.1	7.2	0.9	0.9	8	50	17	5	4	80	84	10.0	8.0				
a. Nephroblastoma	7	45	12	3	0	67	67	8.2	6.4	0.9	0.9	6	49	16	0	1	71	72	9.1	7.1				
b. Renal carcinoma	0	1	0	3	2	4	6	0.4	0.4	0.7	0.8	1	0	1	4	2	6	8	0.6	0.6				
c. Unspecified	0	2	2	0	0	4	4	0.5	0.4	1.3	1.0	1	1	0	1	1	3	4	0.4	0.3				
VII HEPATIC TUMOURS	2	7	4	4	4	17	21	1.9	1.8	1.2	1.0	5	6	1	2	7	14	21	1.8	1.8				
a. Hepatoblastoma	1	6	2	2	0	11	11	1.3	1.0	1.8	1.8	2	3	1	0	0	6	6	0.8	0.6				
b. Hepatic carcinoma	0	1	2	2	3	5	8	0.5	0.6	1.7	0.9	1	1	0	1	6	3	9	0.4	0.6				
c. Unspecified	1	0	0	0	1	1	2	0.1	0.2	0.2	0.3	2	2	0	1	1	5	6	0.6	0.5				
VIII BONE TUMOURS	2	4	22	48	95	76	171	7.3	11.6	1.1	1.4	2	5	21	42	48	70	118	7.0	8.3				
a. Osteosarcoma	1	0	8	32	60	41	101	3.8	6.7	1.1	1.7	0	1	9	27	21	37	58	3.5	4.0				
b. Chondrosarcoma	0	0	0	0	9	0	9	-	0.6	0.0	2.3	0	0	0	1	3	1	4	0.1	0.2				
c. Ewing & related	0	2	8	13	14	23	37	2.3	2.6	0.8	0.8	1	2	12	13	16	28	44	2.9	3.2				
d. Other specified	0	1	2	0	3	3	6	0.3	0.5	-	2.0	0	0	0	0	3	0	3	-	0.2				
e. Unspecified	1	1	4	3	9	9	18	0.9	1.3	2.3	2.0	1	2	0	1	5	4	9	0.5	0.7				
IX SOFT TISSUE SARCOMA	4	27	19	23	51	73	124	8.0	9.4	0.9	1.0	2	23	29	24	42	78	120	8.6	9.2				
a. Rhabdomyosarcoma	3	22	7	11	14	43	57	4.9	4.7	0.9	1.0	1	17	19	11	8	48	56	5.4	4.7				
b. Fibrosarcoma	1	1	4	4	4	10	14	1.0	1.1	1.7	1.8	0	1	3	2	2	6	8	0.6	0.6				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1				
d. Other specified	0	3	6	6	15	15	30	1.6	2.1	0.8	0.8	1	5	6	6	19	18	37	2.0	2.7				
e. Unspecified	0	1	2	2	18	5	23	0.5	1.5	0.8	1.3	0	0	1	5	12	6	18	0.6	1.2				
X GERM CELL TUMOURS	9	11	5	14	74	39	113	4.4	8.0	0.8	1.2	6	14	12	15	47	47	94	5.3	6.9				
a. CNS germ cell	0	1	4	8	5	13	18	1.3	1.3	6.5	4.5	1	0	1	0	2	2	4	0.2	0.3				
b. Other extragonadal	3	3	0	1	4	7	11	0.9	0.9	0.5	0.4	4	11	0	0	12	15	27	2.0	2.3				
c. Gonadal germ cell	4	5	1	5	60	15	75	1.7	5.1	0.7	1.7	0	3	8	10	22	21	43	2.2	3.0				
d. Gonadal carcinoma	2	1	0	0	1	3	4	0.4	0.4	0.8	0.4	0	0	3	1	7	4	11	0.4	0.7				
e. Unspecified gonadal	0	1	0	0	4	1	5	0.1	0.4	0.2	0.6	1	0	0	4	4	5	9	0.5	0.6				
XI CARCINOMA & MELANOMA	5	7	17	45	100	74	174	7.3	11.9	1.0	0.7	1	15	14	45	163	75	238	7.7	15.7				
a. Adrenocortical	2	1	1	0	4	4	8	0.5	0.6	0.3	0.6	1	9	2	1	0	13	13	1.6	1.3				
b. Thyroid	0	0	2	8	26	10	36	0.9	2.3	0.5	0.4	0	0	2	18	72	20	92	1.8	5.7				
c. Nasopharyngeal	0	0	0	11	8	11	19	1.0	1.3	3.7	1.6	0	0	0	3	9	3	12	0.3	0.7				
d. Melanoma	2	1	2	6	12	11	23	1.1	1.6	2.8	2.3	0	2	0	2	6	4	10	0.4	0.7				
e. Skin carcinoma	0	1	4	9	21	14	35	1.3	2.4	0.7	0.7	0	1	6	12	29	19	48	1.9	3.2				
f. Other & unspecified	1	4	8	11	29	24	53	2.5	3.7	1.5	0.8	0	3	4	9	47	16	63	1.6	4.1				
XII OTHER & UNSPECIFIED	10	7	6	7	10	30	40	3.4	3.3	1.3	1.2	8	6	4	6	10	24	34	2.8	2.8				
a. Other specified	0	1	0	1	0	2	2	0.2	0.2	-	1.0	0	0	0	0	2	0	2	-	0.1				
b. Other unspecified	10	6	6	6	10	28	38	3.2	3.1	1.2	1.2	8	6	4	6	8	24	32	2.8	2.7				
TOTAL	103	455	437	416	674	1411	2085	154.9	162.3	1.2	1.2	86	419	333	354	581	1192	1773	135.2	139.7				

† includes 19 non-malignant in males and 16 non-malignant in females

Please consult the quality indicators for the constituent registries

BRAZIL, 5 registries (1995-2012)

	Age group	Males	Females
Person-years	0	593 318	571 421
	1-4	2 402 162	2 319 407
	5-9	3 066 314	2 987 794
	10-14	3 276 325	3 251 425
	15-19	3 589 196	3 747 530
Total	0-14	9 338 119	9 130 047
	0-19	12 927 315	12 877 577
Average annual population	0-14	518 784	507 225
	0-19	718 184	715 421

Please consult the quality indicators for the constituent registries

BRAZIL, 5 registries (1995-2012)

Registry	Period	Cases	%	Person-years	%
Aracaju	1996-2012	414	10.7	3 132 138	12.1
Belo Horizonte	2000-2006	771	20.0	5 536 010	21.5
Curitiba	1998-2010	1192	30.9	7 365 070	28.5
Goiânia	1995-2011	1114	28.9	6 905 593	26.8
João Pessoa	1999-2010	367	9.5	2 866 081	11.1
BRAZIL	1995-2012	3858	100.0	25 804 892	100.0

Please consult the quality indicators for the constituent registries

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