

Cancer in Central and South America

BRAZIL

This country profile for the Cancer in Central and South America project provides, for each participating cancer registry tables and graphics showing numbers of cases and rates by year, sex and age group for major sites of cancer together with a population pyramid. A country summary is also provided based on aggregated registry data and national mortality data from the WHO mortality database:

(http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html)

Citation of any of these data should be in the following format:

“Sierra MS, Abriata MG, Barrios E, Bravo LE, Cueva P, Fernandez L, Pineros M, Rebelo M, de Vries E, Forman D. Editors on behalf of the Cancer in Central and South America Working Group (2016). Cancer in Central and South America. Lyon: International Agency for Research on Cancer. Available from: http://www-dep.iarc.fr/CSU_resources.htm accessed [date].”

Registry Summary Tables and Figures

BRAZIL, ARACAJU (1996-2006)

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*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, ARACAJU (1996-2000)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1996 n (%)	1997 n (%)	1998 n (%)	1999 n (%)	2000 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	22 (5.8)	19 (4.5)	17 (3.7)	20 (4.1)	22 (3.7)	100 (4.3)
Digestive organs (C15-C26)	54 (14.3)	59 (13.8)	69 (14.9)	51 (10.4)	65 (11.0)	298 (12.7)
Respiratory organs (C30-C39)	29 (7.7)	37 (8.7)	46 (9.9)	52 (10.6)	53 (9.0)	217 (9.3)
Bone, cartilage, and skin (C40-C44)	139 (36.8)	186 (43.7)	159 (34.3)	153 (31.3)	205 (34.8)	842 (35.9)
Breast (C50)	0 (0.0)	0 (0.0)	1 (0.2)		1 (0.2)	2 (0.1)
Male genitalia (C60-C63)	54 (14.3)	59 (13.8)	91 (19.7)	130 (26.6)	146 (24.8)	480 (20.5)
Urinary organs (C64-C68)	20 (5.3)	14 (3.3)	13 (2.8)	26 (5.3)	19 (3.2)	92 (3.9)
Eye, brain, and thyroid (C69-C75)	13 (3.4)	8 (1.9)	13 (2.8)	18 (3.7)	24 (4.1)	76 (3.2)
Hematopoietic (C81-C96)	27 (7.1)	24 (5.6)	32 (6.9)	28 (5.7)	33 (5.6)	144 (6.1)
Other and unspecified	20 (5.3)	20 (4.7)	22 (4.8)	11 (2.2)	21 (3.6)	94 (4.0)
All sites	378 (100.0)	426 (100.0)	463 (100.0)	489 (100.0)	589 (100.0)	2345 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5 (1.0)	7 (1.4)	11 (2.0)	5 (0.8)	14 (2.1)	42 (1.5)
Digestive organs (C15-C26)	66 (12.9)	71 (13.9)	75 (13.9)	85 (14.1)	73 (11.2)	370 (13.2)
Respiratory organs (C30-C39)	13 (2.5)	14 (2.7)	15 (2.8)	25 (4.2)	18 (2.8)	85 (3.0)
Bone, cartilage, and skin (C40-C44)	162 (31.8)	174 (34.1)	180 (33.4)	200 (33.3)	233 (35.7)	949 (33.7)
Breast (C50)	87 (17.1)	76 (14.9)	90 (16.7)	104 (17.3)	115 (17.6)	472 (16.8)
Female genitalia (C51-C58)	89 (17.5)	96 (18.8)	89 (16.5)	100 (16.6)	84 (12.9)	458 (16.3)
Urinary organs (C64-C68)	11 (2.2)	11 (2.2)	11 (2.0)	14 (2.3)	9 (1.4)	56 (2.0)
Eye, brain, and thyroid (C69-C75)	29 (5.7)	18 (3.5)	14 (2.6)	31 (5.2)	54 (8.3)	146 (5.2)
Hematopoietic (C81-C96)	24 (4.7)	22 (4.3)	34 (6.3)	20 (3.3)	27 (4.1)	127 (4.5)
Other and unspecified	24 (4.7)	22 (4.3)	20 (3.7)	17 (2.8)	25 (3.8)	108 (3.8)
All sites	510 (100.0)	511 (100.0)	539 (100.0)	601 (100.0)	652 (100.0)	2813 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	27 (3.0)	26 (2.8)	28 (2.8)	25 (2.3)	36 (2.9)	142 (2.8)
Digestive organs (C15-C26)	120 (13.5)	130 (13.9)	144 (14.4)	136 (12.5)	138 (11.1)	668 (13.0)
Respiratory organs (C30-C39)	42 (4.7)	51 (5.4)	61 (6.1)	77 (7.1)	71 (5.7)	302 (5.9)
Bone, cartilage, and skin (C40-C44)	301 (33.9)	360 (38.4)	339 (33.8)	353 (32.4)	438 (35.3)	1791 (34.7)
Urinary organs (C64-C68)	31 (3.5)	25 (2.7)	24 (2.4)	40 (3.7)	28 (2.3)	148 (2.9)
Eye, brain, and thyroid (C69-C75)	42 (4.7)	26 (2.8)	27 (2.7)	49 (4.5)	78 (6.3)	222 (4.3)
Hematopoietic (C81-C96)	51 (5.7)	46 (4.9)	66 (6.6)	48 (4.4)	60 (4.8)	271 (5.3)
Other and unspecified	44 (5.0)	42 (4.5)	42 (4.2)	28 (2.6)	46 (3.7)	202 (3.9)
All sites	888 (100.0)	937 (100.0)	1002 (100.0)	1090 (100.0)	1241 (100.0)	5158 (100.0)

BRAZIL, ARACAJU (1996-2000)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1996 ASR (%)	1997 ASR (%)	1998 ASR (%)	1999 ASR (%)	2000 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	16.7 (5.4)	17.0 (5.2)	14.4 (4.0)	15.0 (3.9)	16.5 (3.8)	15.8 (4.3)
Digestive organs (C15-C26)	46.6 (15.2)	48.5 (14.7)	54.0 (15.0)	38.5 (10.1)	48.4 (11.2)	47.1 (13.0)
Respiratory organs (C30-C39)	25.4 (8.2)	33.3 (10.1)	39.8 (11.1)	45.1 (11.9)	39.5 (9.1)	36.6 (10.1)
Bone, cartilage, and skin (C40-C44)	113.5 (36.9)	139.0 (42.0)	121.6 (33.8)	118.3 (31.1)	143.5 (33.2)	127.5 (35.1)
Breast (C50)	0 (0.0)	0 (0.0)	0.6 (0.2)	0 (0.0)	0.7 (0.2)	0.3 (0.1)
Male genitalia (C60-C63)	43.7 (14.2)	48.2 (14.6)	74.4 (20.7)	107.2 (28.2)	120.5 (27.9)	79.8 (22.0)
Urinary organs (C64-C68)	16.8 (5.4)	11.3 (3.4)	9.6 (2.7)	20.5 (5.4)	14.3 (3.3)	14.4 (4.0)
Eye, brain, and thyroid (C69-C75)	9.1 (3.0)	5.5 (1.6)	6.2 (1.7)	11.0 (2.9)	14.5 (3.4)	9.4 (2.6)
Hematopoietic (C81-C96)	21.0 (6.8)	14.0 (4.2)	21.5 (6.0)	16.7 (4.4)	20.5 (4.7)	18.7 (5.2)
Other and unspecified	14.9 (4.8)	13.9 (4.2)	17.2 (4.8)	7.6 (2.0)	14.0 (3.2)	13.5 (3.7)
All sites	307.6 (100.0)	330.8 (100.0)	359.6 (100.0)	379.9 (100.0)	432.2 (100.0)	363.2 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	2.8 (1.0)	3.2 (1.1)	5.5 (1.9)	2.1 (0.7)	6.8 (2.2)	4.2 (1.4)
Digestive organs (C15-C26)	38.1 (13.6)	40.9 (14.5)	42.2 (14.6)	44.4 (14.1)	34.4 (11.3)	39.9 (13.5)
Respiratory organs (C30-C39)	7.1 (2.5)	8.0 (2.8)	8.2 (2.8)	14.8 (4.7)	9.0 (2.9)	9.4 (3.2)
Bone, cartilage, and skin (C40-C44)	87.5 (31.1)	99.0 (35.1)	93.6 (32.4)	104.6 (33.1)	109.4 (35.8)	99.2 (33.6)
Breast (C50)	48.9 (17.4)	42.1 (14.9)	49.4 (17.1)	54.9 (17.4)	54.0 (17.7)	50.0 (17.0)
Female genitalia (C51-C58)	48.4 (17.2)	52.2 (18.5)	49.0 (17.0)	52.5 (16.6)	38.0 (12.4)	47.7 (16.2)
Urinary organs (C64-C68)	6.3 (2.2)	5.5 (2.0)	5.8 (2.0)	6.6 (2.1)	4.8 (1.6)	5.8 (2.0)
Eye, brain, and thyroid (C69-C75)	14.6 (5.2)	8.0 (2.8)	7.3 (2.5)	16.0 (5.1)	24.6 (8.0)	14.4 (4.9)
Hematopoietic (C81-C96)	14.4 (5.1)	10.9 (3.9)	16.8 (5.8)	10.7 (3.4)	12.9 (4.2)	13.1 (4.4)
Other and unspecified	12.9 (4.6)	12.1 (4.3)	10.7 (3.7)	9.1 (2.9)	11.6 (3.8)	11.3 (3.8)
All sites	281.1 (100.0)	281.9 (100.0)	288.5 (100.0)	315.7 (100.0)	305.7 (100.0)	295.1 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	8.7 (3.0)	9.0 (3.0)	9.3 (3.0)	7.6 (2.3)	10.5 (3.0)	9.0 (2.8)
Digestive organs (C15-C26)	41.6 (14.4)	43.8 (14.6)	47.1 (15.0)	42.2 (12.5)	39.7 (11.3)	42.8 (13.4)
Respiratory organs (C30-C39)	14.7 (5.1)	18.4 (6.1)	21.0 (6.7)	27.1 (8.0)	21.2 (6.0)	20.5 (6.4)
Bone, cartilage, and skin (C40-C44)	98.2 (33.9)	115.8 (38.6)	105.5 (33.5)	109.6 (32.5)	123.6 (35.2)	110.9 (34.7)
Urinary organs (C64-C68)	10.6 (3.7)	7.7 (2.6)	7.3 (2.3)	11.9 (3.5)	8.4 (2.4)	9.2 (2.9)
Eye, brain, and thyroid (C69-C75)	12.3 (4.2)	6.9 (2.3)	7.1 (2.2)	13.5 (4.0)	20.2 (5.8)	12.2 (3.8)
Hematopoietic (C81-C96)	17.0 (5.9)	12.4 (4.1)	18.9 (6.0)	13.3 (4.0)	16.2 (4.6)	15.6 (4.9)
Other and unspecified	13.8 (4.8)	12.6 (4.2)	13.4 (4.2)	8.5 (2.5)	12.5 (3.6)	12.1 (3.8)
All sites	289.4 (100.0)	299.7 (100.0)	315.2 (100.0)	337.3 (100.0)	350.9 (100.0)	319.5 (100.0)

BRAZIL, ARACAJU (1996-2000)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	100	0	.	.	.	1.6	1.8	.	1.2	2.8	13.2	29.3	36.2	39.8	81.8	104.5	69.1	74.5	9.7	15.8	1.91	91	4	4	C00-14
Oesophagus (C15)	28	0	.	.	.	.	.	.	.	.	5.0	2.1	.	27.9	10.9	14.9	29.6	62.1	2.7	4.3	0.45	68	25	14	C15
Stomach (C16)	100	0	.	.	.	.	0.9	1.1	.	5.6	6.6	10.5	27.8	47.8	81.8	74.6	128.4	155.1	9.7	16.0	1.93	88	6	3	C16
Colon (C18)	50	0	.	.	.	.	0.9	1.1	2.4	2.8	5.0	4.2	13.9	15.9	32.7	52.3	59.2	68.3	4.8	7.8	0.95	92	6		C18
Rectum (C19-20)	17	0	.	.	.	.	.	.	.	.	.	2.1	2.8	11.9	16.4	22.4	29.6	18.6	1.6	3.0	0.43	88	12		C19-20
Colorectal (C18-20)	67	0	.	.	.	.	0.9	1.1	2.4	2.8	5.0	6.3	16.7	27.9	49.1	74.6	88.9	86.9	6.5	10.8	1.38	91	7	7	C18-20
Anus (C21)	2	0	.	.	.	.	.	.	.	.	.	2.1	.	.	.	.	9.9	.	0.2	0.3	0.06	100	0	26	C21
Colon, rectum and anus (C18-21)	69	0	.	.	.	.	0.9	1.1	2.4	2.8	5.0	8.4	16.7	27.9	49.1	74.6	98.7	86.9	6.7	11.1	1.44	91	7		C18-21
Liver (C22)	42	0	.	.	.	.	.	.	.	1.4	1.7	12.5	11.1	23.9	27.3	52.3	39.5	49.6	4.1	6.9	0.85	24	57	11	C22
Gallbladder (C23-24)	23	1	.	.	.	.	.	1.1	.	.	.	4.2	8.4	8.0	16.4	7.5	9.9	55.9	2.2	3.4	0.29	61	39	15	C23-24
Pancreas (C25)	28	1	.	.	.	.	.	.	.	2.8	3.3	6.3	5.6	8.0	16.4	22.4	29.6	43.4	2.7	4.3	0.49	36	36	13	C25
Nose, sinuses (C30-31)	5	1	1.0	.	.	.	.	.	.	.	.	2.1	.	.	5.5	.	9.9	.	0.5	0.8	0.12	100	0	23	C30-31
Larynx (C32)	63	0	.	.	.	.	.	.	.	2.8	3.3	6.3	11.1	43.8	76.3	104.5	49.4	49.6	6.1	11.2	1.49	97	3	5	C32
Lung, trachea and bronchus (C33-34)	145	2	.	.	.	.	.	1.1	.	4.2	11.6	20.9	41.8	59.7	103.6	186.6	188.0	198.6	14.0	24.0	2.98	82	13	2	C33-34
Melanoma of skin (C43)	20	1	.	.	0.8	.	.	.	2.4	1.4	1.7	6.3	2.8	8.0	10.9	14.9	19.7	12.4	1.9	2.9	0.36	100	0	17	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	7.5	9.9	.	0.2	0.4	0.09	50	50	25	C45
Kaposi sarcoma (C46)	8	0	.	.	.	.	1.8	.	1.2	1.4	.	.	.	.	5.5	.	.	18.6	0.8	0.9	0.05	88	13	22	C46
Breast (C50)	2	0	.	.	.	.	.	.	.	.	.	2.1	.	4.0	.	.	.	.	0.2	0.3	0.03	100	0	27	C50
Penis (C60)	14	0	.	.	.	.	.	.	.	2.8	.	2.1	2.8	11.9	.	.	.	43.4	1.4	1.8	0.10	86	14	20	C60
Prostate (C61)	456	3	.	.	.	.	0.9	.	.	.	1.7	23.0	39.0	95.6	245.3	634.5	888.7	1129.5	44.1	77.0	9.71	83	13	1	C61
Testis (C62)	8	0	.	.	.	0.8	2.7	.	.	2.8	.	.	2.8	.	.	.	.	6.2	0.8	0.7	0.05	88	13	24	C62
Kidney (C64)	22	0	2.0	0.9	.	.	.	.	.	1.4	5.0	4.2	8.4	4.0	16.4	14.9	9.9	18.6	2.1	3.2	0.33	86	9	16	C64
Bladder (C67)	67	0	1.0	.	.	.	.	.	.	.	5.0	4.2	16.7	19.9	16.4	104.5	88.9	148.9	6.5	10.8	1.28	88	10	6	C67
Brain, CNS (C70-72)	44	0	3.0	3.8	3.3	3.3	0.9	2.1	.	5.6	3.3	4.2	16.7	11.9	21.8	7.5	19.7	12.4	4.3	5.4	0.54	48	34	12	C70-72
Thyroid (C73)	20	1	.	.	1.7	0.8	0.9	3.2	1.2	1.4	5.0	2.1	2.8	.	10.9	.	19.7	6.2	1.9	2.3	0.26	100	0	18	C73
Hodgkin disease (C81)	14	0	.	.	1.7	.	3.7	1.1	2.4	2.8	1.7	2.1	2.8	.	.	.	.	.	1.4	1.2	0.09	86	7	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	63	0	.	2.8	0.8	4.9	4.6	2.1	2.4	7.0	3.3	2.1	22.3	27.9	21.8	67.2	9.9	43.4	6.1	8.4	0.90	89	10	9	C82-85; C96
Multiple myeloma (C88-C90)	10	0	.	.	.	.	.	.	.	.	.	2.1	.	4.0	16.4	14.9	9.9	12.4	1.0	1.8	0.24	80	20	19	C88-C90
Lymphoid leukaemia (C91)	23	0	4.0	2.8	1.7	0.8	0.9	.	2.4	.	.	.	11.1	.	5.5	22.4	.	12.4	2.2	2.9	0.26	87	13		C91
Myeloid leukaemia (C92-94)	29	2	1.0	.	0.8	.	1.8	2.1	2.4	2.8	3.3	4.2	2.8	4.0	5.5	37.3	.	31.0	2.8	3.8	0.37	66	34		C92-94
Leukaemia unspecified (C95)	5	0	.	0.9	.	0.8	.	.	.	1.4	.	.	2.8	.	5.5	.	.	.	0.5	0.6	0.06	20	80		C95
Leukaemia (C91-95)	57	2	5.0	3.8	2.5	1.6	2.7	2.1	4.8	4.2	3.3	4.2	16.7	4.0	16.4	59.7	.	43.4	5.5	7.3	0.68	70	30	10	C91-95
Other and unspecified (O&U)	69	1	.	0.9	.	0.8	0.9	.	1.2	1.4	3.3	12.5	13.9	35.8	49.1	22.4	118.5	105.5	6.7	10.7	1.32	49	49	8	O&U
All sites but C44 (ALLbC44)	1539	15	16.1	12.2	14.2	15.5	26.6	21.2	26.6	62.6	87.5	179.9	311.9	513.7	921.1	1612.4	1836.7	2432.7	148.8	240.1	28.57	79	16		ALLbC44
All sites (ALL)	2345	23	16.1	13.2	15.0	16.3	31.2	27.6	60.5	119.6	189.8	313.7	529.1	820.3	1515.2	2120.0	2794.5	3425.6	226.8	363.2	43.34	86	10		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, ARACAJU (1996-2000)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10	
Lip, oral cavity, and pharynx (C00-14)	42	0	.	.	.	0.7	1.6	.	2.0	3.5	4.2	7.2	7.1	15.9	11.6	14.4	18.0	36.8	3.6	4.2	0.43	95	2	13	C00-14	
Oesophagus (C15)	10	0	.	.	.	.	.	.	.	.	.	1.8	2.4	3.2	.	9.6	12.0	11.0	0.9	1.1	0.14	70	30	22	C15	
Stomach (C16)	66	0	.	.	.	.	.	3.6	.	2.3	7.0	9.0	9.5	12.7	27.1	33.6	41.9	77.3	5.6	6.8	0.73	77	20	10	C16	
Colon (C18)	69	1	.	.	.	.	0.8	0.9	5.0	4.7	4.2	7.2	16.6	31.8	3.9	28.8	47.9	66.2	5.9	6.9	0.77	88	10		C18	
Rectum (C19-20)	57	0	.	.	.	.	0.8	.	1.0	1.2	1.4	10.7	9.5	9.5	30.9	48.0	35.9	58.9	4.8	6.4	0.75	86	11		C19-20	
Colorectal (C18-20)	126	1	.	.	.	.	1.6	0.9	6.0	5.9	5.6	17.9	26.2	41.3	34.8	76.8	83.9	125.1	10.7	13.3	1.52	87	10	3	C18-20	
Anus (C21)	16	0	.	.	.	.	.	.	1.0	2.3	1.4	1.8	2.4	6.4	7.7	14.4	12.0	3.7	1.4	1.8	0.25	100	0	21	C21	
Colon, rectum and anus (C18-21)	142	1	.	.	.	.	1.6	0.9	7.0	8.2	7.0	19.7	28.5	47.7	42.5	91.2	95.8	128.8	12.1	15.1	1.76	89	9		C18-21	
Liver (C22)	32	1	1.0	.	.	.	.	1.8	.	1.2	1.4	3.6	.	15.9	7.7	4.8	18.0	47.8	2.7	3.1	0.29	25	63	17	C22	
Gallbladder (C23-24)	65	0	.	.	.	.	.	.	1.0	.	7.0	3.6	14.3	19.1	34.8	52.8	47.9	62.6	5.5	7.4	0.90	72	20	8	C23-24	
Pancreas (C25)	33	0	.	.	.	.	.	.	.	1.2	.	1.8	4.8	9.5	23.2	38.4	18.0	33.1	2.8	3.9	0.48	48	33	14	C25	
Nose, sinuses (C30-31)	2	0	.	.	.	.	.	.	.	.	.	.	2.4	.	.	4.8	.	.	0.2	0.3	0.04	100	0	25	C30-31	
Larynx (C32)	3	0	.	.	.	.	.	.	.	.	.	3.6	.	.	3.9	.	.	.	0.3	0.4	0.04	100	0	24	C32	
Lung, trachea and bronchus (C33-34)	79	0	.	.	.	.	0.8	.	1.0	1.2	1.4	9.0	23.8	19.1	30.9	57.6	59.9	88.3	6.7	8.7	1.02	56	35	5	C33-34	
Melanoma of skin (C43)	26	0	.	.	.	.	0.8	0.9	1.0	2.3	2.8	.	4.8	12.7	7.7	9.6	12.0	25.8	2.2	2.6	0.27	96	0	19	C43	
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45	
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	.	.	1.8	.	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C46	
Breast (C50)	472	1	.	.	.	.	1.6	6.3	15.1	49.2	70.4	120.0	154.6	159.0	135.3	187.3	209.6	235.5	40.1	50.0	5.55	95	3	1	C50	
Cervix uteri (C53)	293	0	.	.	.	.	3.9	12.7	28.1	26.9	56.3	60.9	88.0	76.3	92.8	96.0	71.9	117.8	24.9	29.5	3.07	92	3	2	C53	
Corpus uteri (C54)	64	0	.	.	.	.	.	.	1.0	2.3	4.2	9.0	21.4	28.6	34.8	33.6	24.0	55.2	5.4	7.2	0.79	97	0	9	C54	
Ovary (C56)	70	0	.	1.0	0.8	.	.	2.7	2.0	5.9	5.6	7.2	28.5	22.3	46.4	28.8	24.0	33.1	6.0	7.8	0.88	90	3	7	C56	
Kidney (C64)	32	0	3.1	1.0	0.8	.	.	.	.	1.2	4.2	5.4	11.9	6.4	15.5	9.6	6.0	22.1	2.7	3.5	0.32	94	6	16	C64	
Bladder (C67)	21	0	.	.	.	.	0.8	.	.	.	2.8	1.8	2.4	6.4	7.7	4.8	6.0	36.8	1.8	2.0	0.16	90	10	20	C67	
Brain, CNS (C70-72)	43	0	2.1	1.0	1.6	3.6	1.6	.	1.0	2.3	5.6	5.4	7.1	22.3	7.7	9.6	18.0	14.7	3.7	4.3	0.44	42	49	12	C70-72	
Thyroid (C73)	89	2	.	1.0	0.8	0.7	1.6	5.4	8.0	18.7	11.3	12.5	19.0	19.1	30.9	19.2	35.9	18.4	7.6	8.6	0.94	99	1	6	C73	
Hodgkin disease (C81)	11	0	.	.	0.8	1.5	0.8	2.7	1.0	.	1.4	.	.	.	.	.	12.0	.	.	0.9	0.9	0.10	91	0	23	C81
Non-Hodgkin lymphoma (C82-85;C96)	53	0	2.1	1.9	.	.	2.4	2.7	2.0	3.5	5.6	9.0	7.1	6.4	23.2	19.2	29.9	33.1	4.5	5.4	0.57	94	4	11	C82-85;C96	
Multiple myeloma (C88-C90)	24	0	.	.	.	.	.	.	.	.	1.4	3.6	.	15.9	15.5	33.6	12.0	11.0	2.0	3.0	0.41	83	13	18	C88-C90	
Lymphoid leukaemia (C91)	15	0	4.1	1.0	0.8	0.7	1.6	.	.	2.3	.	.	.	3.2	.	.	12.0	3.7	1.3	1.4	0.13	100	0		C91	
Myeloid leukaemia (C92-94)	17	0	.	.	.	0.7	1.6	0.9	.	.	4.2	3.6	.	3.2	3.9	9.6	18.0	3.7	1.4	1.7	0.23	65	35		C92-94	
Leukaemia unspecified (C95)	7	0	.	.	.	.	0.8	0.9	.	1.2	.	1.8	.	3.2	.	.	6.0	3.7	0.6	0.6	0.07	43	43		C95	
Leukaemia (C91-95)	39	0	4.1	1.0	0.8	1.5	3.9	1.8	.	3.5	4.2	5.4	.	9.5	3.9	9.6	35.9	11.0	3.3	3.8	0.43	74	23	15	C91-95	
Other and unspecified (O&U)	98	3	2.1	.	.	0.7	0.8	0.9	2.0	2.3	.	7.2	16.6	25.4	46.4	57.6	83.9	106.7	8.3	10.7	1.27	51	43	4	O&U	
All sites but C44 (ALLbC44)	1898	9	20.6	9.6	8.2	11.6	25.1	47.9	74.3	139.4	214.0	320.5	466.2	569.1	672.5	849.9	922.4	1266.0	161.4	199.1	21.86	84	12		ALLbC44	
All sites (ALL)	2813	24	20.6	10.5	8.2	15.2	31.4	55.2	101.4	188.6	319.7	449.4	585.1	880.7	950.7	1325.3	1599.2	2112.4	239.2	295.1	32.99	89	8		ALL	

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

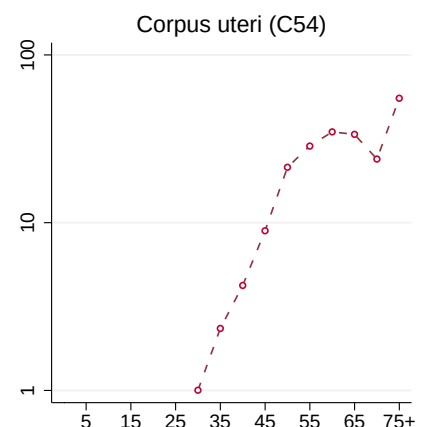
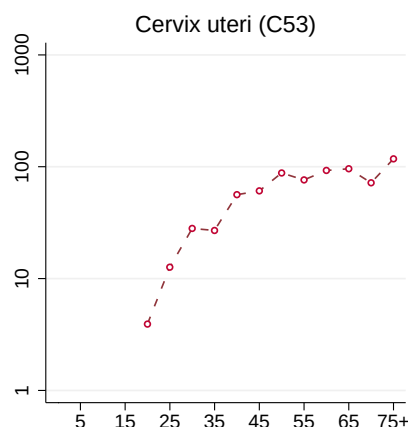
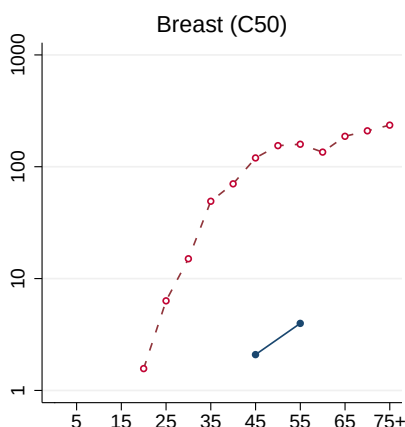
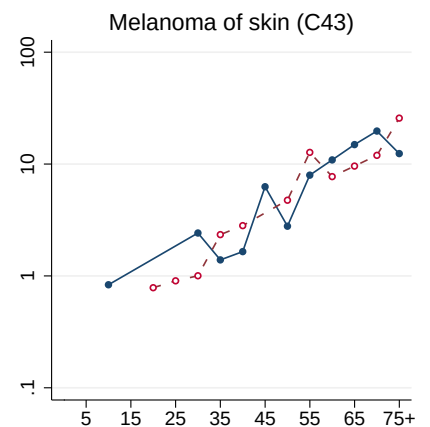
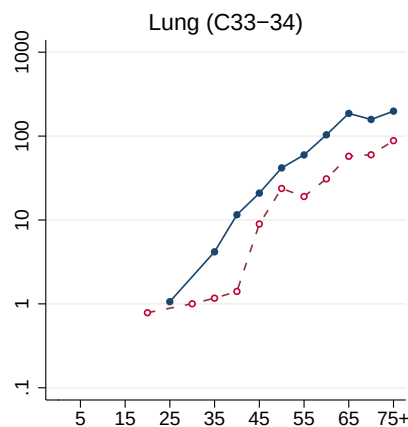
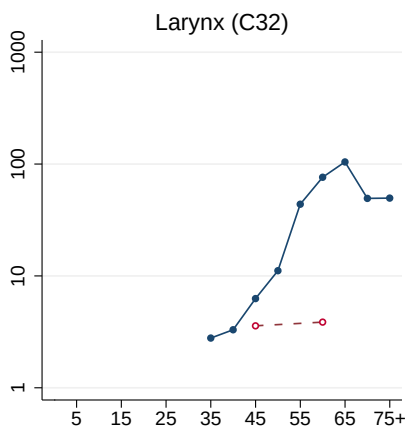
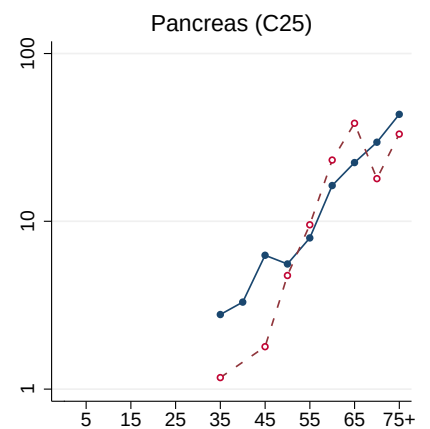
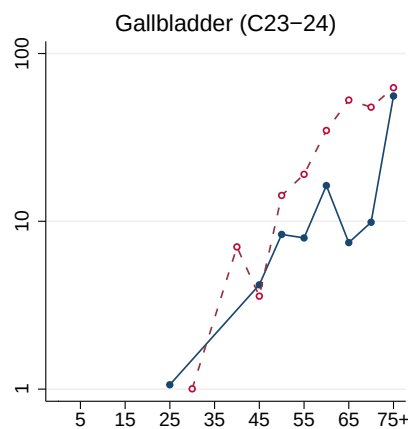
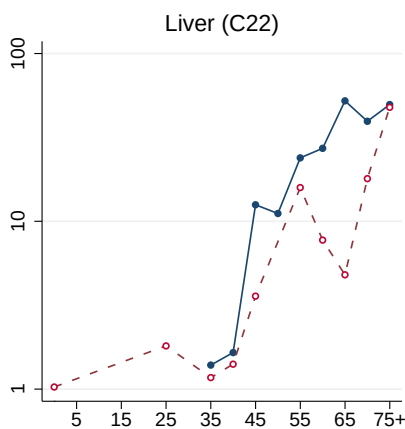
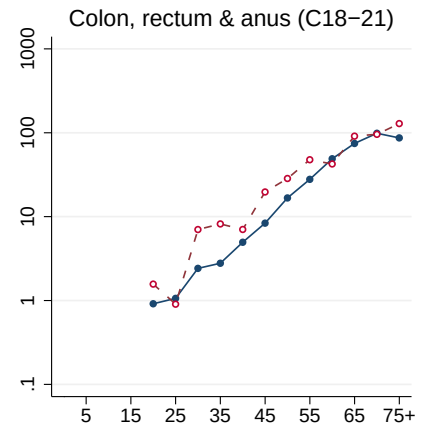
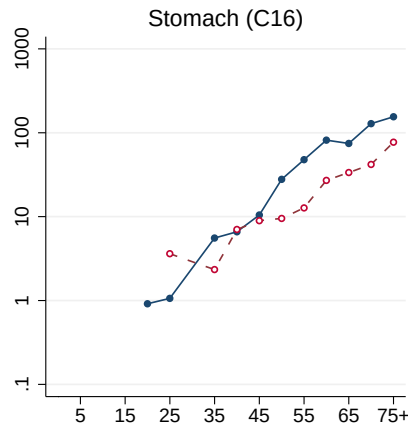
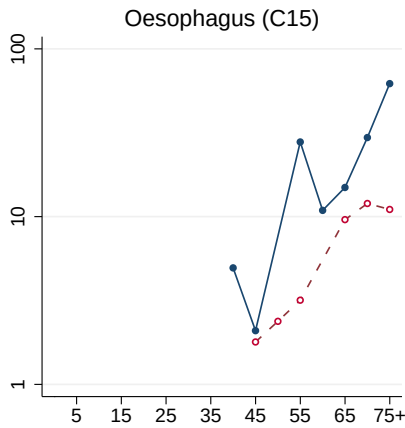
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

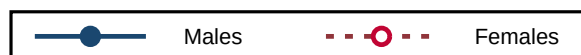
BRAZIL, ARACAJU (1996–2000)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

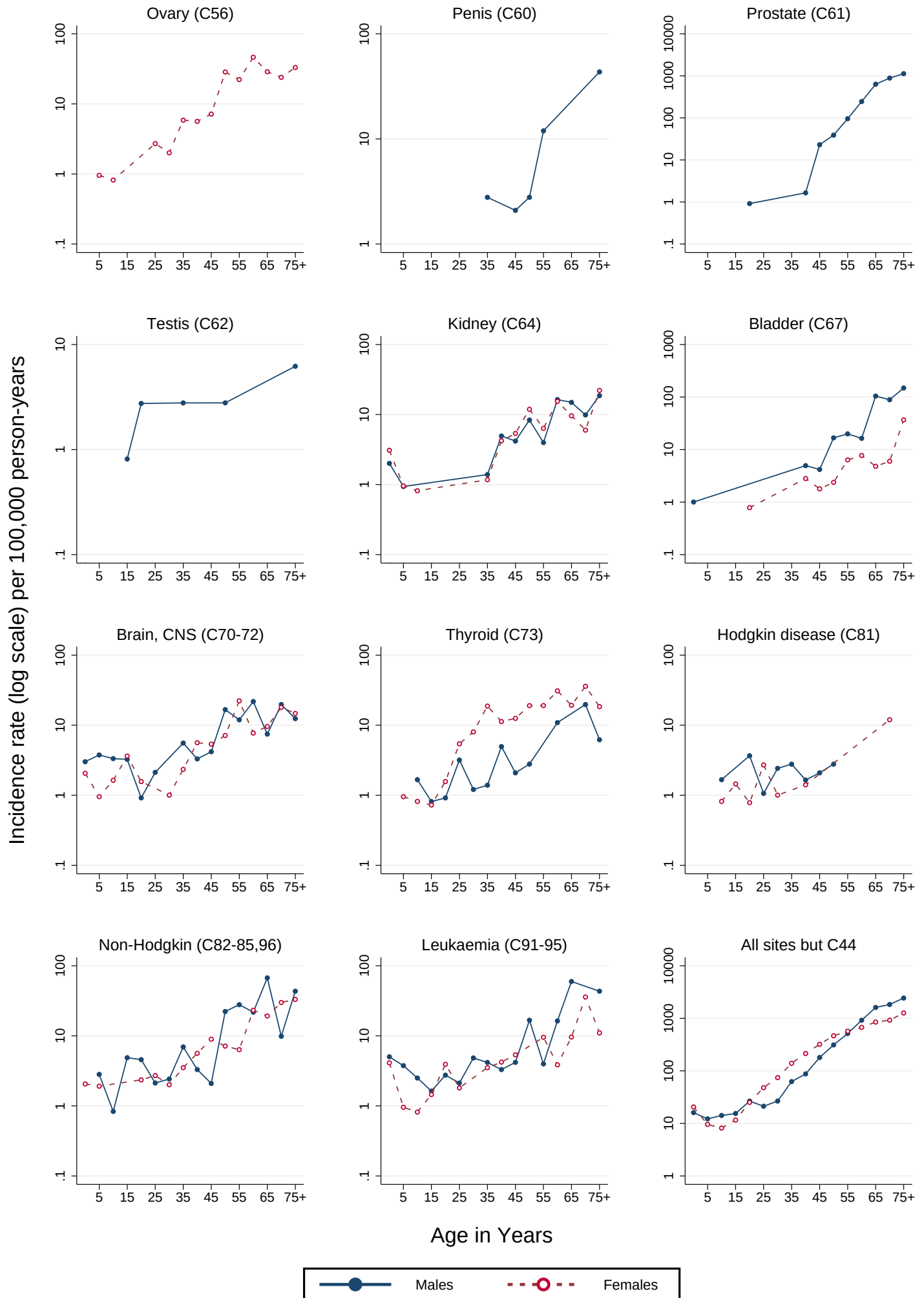


Age in Years



BRAZIL, ARACAJU (1996-2000)

Age-specific incidence rates per 100,000 person-years



BRAZIL, ARACAJU (2002-2006)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2002 n (%)	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	28 (4.3)	38 (6.1)	22 (3.3)	38 (5.1)	28 (4.2)	154 (4.6)
Digestive organs (C15-C26)	74 (11.4)	64 (10.3)	70 (10.4)	75 (10.1)	79 (12.0)	362 (10.8)
Respiratory organs (C30-C39)	56 (8.6)	45 (7.2)	53 (7.9)	60 (8.1)	51 (7.7)	265 (7.9)
Bone, cartilage, and skin (C40-C44)	233 (35.8)	217 (34.9)	217 (32.3)	220 (29.7)	196 (29.7)	1083 (32.4)
Breast (C50)	1 (0.2)	1 (0.2)	1 (0.1)	0 (0.0)	0 (0.0)	3 (0.1)
Male genitalia (C60-C63)	158 (24.3)	161 (25.9)	197 (29.4)	226 (30.5)	198 (30.0)	940 (28.1)
Urinary organs (C64-C68)	30 (4.6)	27 (4.3)	21 (3.1)	28 (3.8)	33 (5.0)	139 (4.2)
Eye, brain, and thyroid (C69-C75)	16 (2.5)	19 (3.1)	20 (3.0)	33 (4.5)	23 (3.5)	111 (3.3)
Hematopoietic (C81-C96)	36 (5.5)	36 (5.8)	47 (7.0)	35 (4.7)	33 (5.0)	187 (5.6)
Other and unspecified	19 (2.9)	13 (2.1)	23 (3.4)	25 (3.4)	18 (2.7)	98 (2.9)
All sites	651 (100.0)	621 (100.0)	671 (100.0)	740 (100.0)	659 (100.0)	3342 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	13 (1.7)	11 (1.6)	6 (0.9)	18 (2.2)	7 (0.9)	55 (1.5)
Digestive organs (C15-C26)	81 (10.6)	100 (14.2)	94 (13.5)	84 (10.4)	97 (12.8)	456 (12.2)
Respiratory organs (C30-C39)	20 (2.6)	25 (3.6)	25 (3.6)	17 (2.1)	29 (3.8)	116 (3.1)
Bone, cartilage, and skin (C40-C44)	285 (37.4)	239 (34.0)	224 (32.1)	294 (36.4)	246 (32.5)	1288 (34.6)
Breast (C50)	141 (18.5)	112 (16.0)	135 (19.3)	144 (17.8)	141 (18.6)	673 (18.1)
Female genitalia (C51-C58)	114 (14.9)	106 (15.1)	94 (13.5)	107 (13.3)	101 (13.3)	522 (14.0)
Urinary organs (C64-C68)	4 (0.5)	13 (1.9)	15 (2.1)	17 (2.1)	16 (2.1)	65 (1.7)
Eye, brain, and thyroid (C69-C75)	59 (7.7)	49 (7.0)	49 (7.0)	68 (8.4)	71 (9.4)	296 (7.9)
Hematopoietic (C81-C96)	28 (3.7)	28 (4.0)	37 (5.3)	29 (3.6)	34 (4.5)	156 (4.2)
Other and unspecified	18 (2.4)	19 (2.7)	19 (2.7)	29 (3.6)	15 (2.0)	100 (2.7)
All sites	763 (100.0)	702 (100.0)	698 (100.0)	807 (100.0)	757 (100.0)	3727 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	41 (2.9)	49 (3.7)	28 (2.0)	56 (3.6)	35 (2.5)	209 (3.0)
Digestive organs (C15-C26)	155 (11.0)	164 (12.4)	164 (12.0)	159 (10.3)	176 (12.4)	818 (11.6)
Respiratory organs (C30-C39)	76 (5.4)	70 (5.3)	78 (5.7)	77 (5.0)	80 (5.6)	381 (5.4)
Bone, cartilage, and skin (C40-C44)	518 (36.6)	456 (34.5)	441 (32.2)	514 (33.2)	442 (31.2)	2371 (33.5)
Urinary organs (C64-C68)	34 (2.4)	40 (3.0)	36 (2.6)	45 (2.9)	49 (3.5)	204 (2.9)
Eye, brain, and thyroid (C69-C75)	75 (5.3)	68 (5.1)	69 (5.0)	101 (6.5)	94 (6.6)	407 (5.8)
Hematopoietic (C81-C96)	64 (4.5)	64 (4.8)	84 (6.1)	64 (4.1)	67 (4.7)	343 (4.9)
Other and unspecified	37 (2.6)	32 (2.4)	42 (3.1)	54 (3.5)	33 (2.3)	198 (2.8)
All sites	1414 (100.0)	1323 (100.0)	1369 (100.0)	1547 (100.0)	1416 (100.0)	7069 (100.0)

BRAZIL, ARACAJU (2002-2006)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	19.6 (4.2)	25.2 (5.8)	14.2 (3.1)	25.9 (5.1)	19.3 (4.3)	20.8 (4.5)
Digestive organs (C15-C26)	54.0 (11.7)	45.1 (10.5)	49.9 (10.8)	53.7 (10.6)	52.9 (11.7)	51.2 (11.1)
Respiratory organs (C30-C39)	40.2 (8.7)	32.1 (7.5)	38.4 (8.3)	42.1 (8.3)	36.9 (8.2)	38.0 (8.2)
Bone, cartilage, and skin (C40-C44)	160.9 (34.9)	146.4 (34.0)	146.1 (31.8)	147.5 (29.1)	127.3 (28.1)	145.4 (31.4)
Breast (C50)	0.6 (0.1)	0.3 (0.1)	0.7 (0.1)	0 (0.0)	0 (0.0)	0.3 (0.1)
Male genitalia (C60-C63)	119.4 (25.9)	122.1 (28.3)	144.9 (31.5)	167.9 (33.2)	150.5 (33.2)	141.3 (30.6)
Urinary organs (C64-C68)	22.3 (4.8)	19.2 (4.5)	15.3 (3.3)	18.7 (3.7)	21.4 (4.7)	19.4 (4.2)
Eye, brain, and thyroid (C69-C75)	8.4 (1.8)	12.6 (2.9)	10.3 (2.2)	17.3 (3.4)	12.9 (2.9)	12.4 (2.7)
Hematopoietic (C81-C96)	22.6 (4.9)	20.3 (4.7)	26.9 (5.9)	19.7 (3.9)	20.9 (4.6)	22.1 (4.8)
Other and unspecified	12.4 (2.7)	7.2 (1.7)	13.6 (3.0)	13.7 (2.7)	11.3 (2.5)	11.6 (2.5)
All sites	460.6 (100.0)	430.7 (100.0)	460.2 (100.0)	506.4 (100.0)	453.4 (100.0)	462.5 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5.2 (1.5)	4.5 (1.4)	3.0 (1.0)	7.8 (2.2)	2.7 (0.8)	4.7 (1.4)
Digestive organs (C15-C26)	38.9 (11.3)	44.7 (14.0)	42.6 (13.5)	39.3 (11.0)	42.7 (13.0)	41.6 (12.5)
Respiratory organs (C30-C39)	9.8 (2.8)	12.6 (4.0)	11.0 (3.5)	7.6 (2.1)	14.0 (4.3)	11.0 (3.3)
Bone, cartilage, and skin (C40-C44)	131.9 (38.2)	109.0 (34.2)	102.5 (32.4)	132.2 (37.1)	107.4 (32.8)	116.6 (35.0)
Breast (C50)	64.0 (18.5)	52.0 (16.3)	61.2 (19.4)	64.1 (18.0)	61.4 (18.7)	60.6 (18.2)
Female genitalia (C51-C58)	51.0 (14.7)	49.9 (15.7)	43.2 (13.7)	46.1 (12.9)	44.2 (13.5)	46.8 (14.1)
Urinary organs (C64-C68)	2.0 (0.6)	5.1 (1.6)	6.8 (2.2)	7.5 (2.1)	6.4 (2.0)	5.6 (1.7)
Eye, brain, and thyroid (C69-C75)	23.5 (6.8)	18.9 (5.9)	19.5 (6.2)	26.9 (7.5)	27.4 (8.4)	23.3 (7.0)
Hematopoietic (C81-C96)	12.4 (3.6)	13.0 (4.1)	17.4 (5.5)	11.7 (3.3)	14.7 (4.5)	13.9 (4.2)
Other and unspecified	6.8 (2.0)	9.0 (2.8)	8.7 (2.7)	13.3 (3.7)	7.0 (2.1)	9.0 (2.7)
All sites	345.6 (100.0)	318.8 (100.0)	316.1 (100.0)	356.5 (100.0)	328.0 (100.0)	333.1 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	11.4 (2.9)	13.4 (3.7)	7.9 (2.1)	15.6 (3.8)	9.7 (2.6)	11.6 (3.0)
Digestive organs (C15-C26)	45.5 (11.8)	44.7 (12.4)	45.8 (12.4)	45.1 (11.0)	46.7 (12.5)	45.6 (12.0)
Respiratory organs (C30-C39)	22.0 (5.7)	20.8 (5.8)	21.8 (5.9)	21.3 (5.2)	23.3 (6.2)	21.9 (5.8)
Bone, cartilage, and skin (C40-C44)	142.9 (36.9)	123.4 (34.4)	119.5 (32.4)	137.6 (33.5)	115.2 (30.8)	127.6 (33.6)
Urinary organs (C64-C68)	10.1 (2.6)	10.8 (3.0)	9.9 (2.7)	11.9 (2.9)	12.1 (3.2)	11.0 (2.9)
Eye, brain, and thyroid (C69-C75)	16.8 (4.4)	15.8 (4.4)	15.4 (4.2)	22.7 (5.5)	20.9 (5.6)	18.4 (4.8)
Hematopoietic (C81-C96)	16.6 (4.3)	16.3 (4.5)	21.7 (5.9)	14.7 (3.6)	17.3 (4.6)	17.3 (4.6)
Other and unspecified	9.0 (2.3)	8.2 (2.3)	10.8 (2.9)	13.6 (3.3)	8.8 (2.4)	10.1 (2.7)
All sites	387.0 (100.0)	359.3 (100.0)	368.9 (100.0)	410.5 (100.0)	373.5 (100.0)	380.0 (100.0)

BRAZIL, ARACAJU (2002-2006)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	154	0	.	0.9	2.5	.	.	.	1.1	4.9	14.5	30.3	55.7	97.4	102.0	104.5	103.6	75.4	13.5	20.8	2.59	95	3	3	C00-14
Oesophagus (C15)	29	0	.	.	.	.	.	.	.	.	2.9	5.3	4.5	13.0	22.2	26.1	25.9	37.7	2.5	4.2	0.50	93	0	15	C15
Stomach (C16)	109	1	.	.	.	.	.	.	.	1.2	10.1	17.8	17.8	45.5	79.8	104.5	60.4	169.5	9.5	15.5	1.70	90	7	4	C16
Colon (C18)	70	0	.	.	.	0.7	.	1.9	.	1.2	7.2	7.1	20.0	22.7	53.2	65.3	43.2	87.9	6.1	9.8	1.11	96	4		C18
Rectum (C19-20)	33	0	.	.	.	.	.	.	.	3.7	.	7.1	4.5	13.0	22.2	26.1	60.4	25.1	2.9	4.8	0.68	97	3		C19-20
Colorectal (C18-20)	103	0	.	.	.	0.7	.	1.9	.	4.9	7.2	14.3	24.5	35.7	75.4	91.4	103.6	113.0	9.0	14.6	1.80	96	4	5	C18-20
Anus (C21)	10	0	.	.	.	.	.	.	.	1.2	1.4	1.8	2.2	6.5	.	.	8.6	18.8	0.9	1.2	0.11	100	0	22	C21
Colon, rectum and anus (C18-21)	113	0	.	.	.	0.7	.	1.9	.	6.1	8.7	16.0	26.7	42.2	75.4	91.4	112.2	131.9	9.9	15.7	1.91	96	4		C18-21
Liver (C22)	48	0	0.9	.	.	0.7	0.8	.	.	2.4	1.4	10.7	11.1	9.7	13.3	39.2	69.0	69.1	4.2	6.5	0.80	50	44	12	C22
Gallbladder (C23-24)	23	0	.	.	.	.	.	1.0	.	.	.	3.6	2.2	3.2	17.7	26.1	43.2	31.4	2.0	3.5	0.49	48	43	17	C23-24
Pancreas (C25)	22	0	.	.	.	.	.	.	.	.	2.9	1.8	6.7	9.7	22.2	19.6	8.6	25.1	1.9	3.2	0.36	45	36	19	C25
Nose, sinuses (C30-31)	5	0	.	.	.	0.8	.	.	.	.	.	1.8	.	3.2	.	.	.	12.6	0.4	0.6	0.03	100	0	24	C30-31
Larynx (C32)	75	0	.	.	.	.	.	.	.	1.2	10.1	7.1	17.8	39.0	48.8	84.9	86.3	56.5	6.6	10.9	1.48	93	5	7	C32
Lung, trachea and bronchus (C33-34)	183	0	.	.	.	0.8	0.8	.	.	7.3	8.7	21.4	51.2	74.7	97.6	195.8	207.1	226.1	16.0	26.3	3.32	74	17	2	C33-34
Melanoma of skin (C43)	32	0	.	.	.	0.8	0.8	.	2.2	4.9	2.9	3.6	8.9	3.2	13.3	6.5	34.5	50.2	2.8	3.9	0.40	97	3	16	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	1.4	.	.	.	.	.	.	.	0.1	0.1	0.01	100	0	27	C45
Kaposi sarcoma (C46)	7	0	.	.	.	.	.	.	1.1	1.2	.	.	6.7	.	4.4	.	.	6.3	0.6	0.8	0.07	86	14	23	C46
Breast (C50)	3	0	.	.	.	.	.	.	1.1	.	.	.	2.2	3.2	.	.	.	.	0.3	0.3	0.03	100	0	26	C50
Penis (C60)	25	0	.	.	.	.	.	1.0	.	2.4	7.2	3.6	2.2	19.5	4.4	6.5	8.6	31.4	2.2	2.9	0.28	100	0	20	C60
Prostate (C61)	907	5	.	.	.	.	.	.	.	.	7.2	21.4	104.7	272.8	550.0	946.6	1441.3	1996.9	79.4	137.8	16.81	94	5	1	C61
Testis (C62)	7	0	.	.	.	.	4.0	.	.	2.4	.	.	.	.	.	.	.	.	0.6	0.5	0.03	100	0	25	C62
Kidney (C64)	50	0	1.8	.	.	.	.	1.0	2.2	2.4	4.3	7.1	22.3	16.2	13.3	52.2	34.5	37.7	4.4	6.6	0.79	92	6	11	C64
Bladder (C67)	84	1	.	.	.	.	.	.	1.1	1.2	2.9	3.6	8.9	16.2	48.8	58.8	120.8	213.5	7.4	12.2	1.33	88	6	6	C67
Brain, CNS (C70-72)	51	1	1.8	4.6	2.5	.	0.8	1.0	3.3	4.9	7.2	10.7	8.9	6.5	13.3	26.1	25.9	25.1	4.5	5.8	0.60	61	29	13	C70-72
Thyroid (C73)	43	0	.	.	0.8	1.5	3.2	5.8	2.2	3.7	4.3	8.9	15.6	6.5	17.7	.	25.9	6.3	3.8	4.5	0.48	98	2	14	C73
Hodgkin disease (C81)	25	0	.	.	1.6	1.5	2.4	1.0	1.1	4.9	7.2	.	2.2	6.5	4.4	.	8.6	12.6	2.2	2.3	0.21	92	4	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	77	0	3.6	2.8	1.6	2.2	1.6	.	5.5	3.7	8.7	10.7	22.3	13.0	31.1	45.7	60.4	50.2	6.7	9.4	1.06	94	4	8	C82-85;C96
Multiple myeloma (C88-C90)	23	0	.	.	.	.	.	.	.	.	5.8	3.6	2.2	6.5	17.7	19.6	17.3	31.4	2.0	3.2	0.36	91	9	18	C88-C90
Lymphoid leukaemia (C91)	29	0	7.2	0.9	2.5	0.7	1.6	.	.	1.2	2.9	1.8	2.2	6.5	8.9	13.1	8.6	12.6	2.5	3.3	0.29	83	10		C91
Myeloid leukaemia (C92-94)	26	0	1.8	0.9	.	1.5	0.8	1.0	1.1	2.4	.	1.8	.	16.2	8.9	19.6	.	31.4	2.3	3.1	0.28	73	27		C92-94
Leukaemia unspecified (C95)	7	0	.	.	.	.	.	.	.	1.2	1.4	1.8	.	.	.	.	8.6	18.8	0.6	0.8	0.07	14	86		C95
Leukaemia (C91-95)	62	0	9.0	1.8	2.5	2.2	2.4	1.0	1.1	4.9	4.3	5.3	2.2	22.7	17.7	32.6	17.3	62.8	5.4	7.2	0.64	71	26	10	C91-95
Other and unspecified (O&U)	66	1	.	.	.	.	0.8	1.9	4.4	1.2	13.0	17.8	4.5	22.7	31.1	26.1	34.5	87.9	5.8	8.1	0.80	62	26	9	O&U
All sites but C44 (ALLbC44)	2305	9	20.6	10.1	14.0	13.3	20.9	15.6	29.5	69.5	140.6	221.1	429.9	776.2	1299.7	1938.9	2606.4	3491.4	201.7	322.4	38.18	88	9		ALLbC44
All sites (ALL)	3342	16	21.5	10.1	15.7	13.3	20.9	23.4	56.8	123.2	242.1	383.4	645.9	1127.0	1796.5	2663.5	3667.9	4985.9	292.4	462.5	54.32	92	6		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, ARACAJU (2002-2006)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	55	0	.	.	.	.	.	.	1.8	4.0	1.2	2.9	9.5	7.8	19.2	12.6	34.9	71.5	4.2	4.7	0.47	96	4	13	C00-14
Oesophagus (C15)	15	0	.	.	.	.	.	.	.	.	1.2	1.5	.	2.6	12.8	4.2	10.0	16.2	1.2	1.4	0.16	100	0	21	C15
Stomach (C16)	74	0	.	.	.	.	.	1.7	2.8	1.0	2.5	2.9	13.3	18.3	32.0	33.6	59.8	65.0	5.7	6.9	0.84	86	8	9	C16
Colon (C18)	97	0	.	.	.	0.7	.	0.8	2.8	1.0	3.7	13.3	11.4	26.1	32.0	25.2	89.8	94.2	7.5	8.7	1.03	93	4		C18
Rectum (C19-20)	64	0	.	.	.	.	.	.	0.9	2.0	4.9	11.8	17.1	20.9	12.8	33.6	29.9	45.5	4.9	5.9	0.67	94	6		C19-20
Colorectal (C18-20)	161	0	.	.	.	0.7	.	0.8	3.7	3.0	8.6	25.0	28.4	47.0	44.8	58.8	119.7	139.7	12.4	14.6	1.70	93	5	4	C18-20
Anus (C21)	13	0	.	.	.	.	.	.	.	1.0	.	2.9	1.9	5.2	.	4.2	5.0	16.2	1.0	1.1	0.10	100	0	23	C21
Colon, rectum and anus (C18-21)	174	0	.	.	.	0.7	.	0.8	3.7	4.0	8.6	28.0	30.3	52.3	44.8	63.0	124.7	155.9	13.4	15.7	1.80	94	5		C18-21
Liver (C22)	49	0	.	.	.	.	.	.	0.9	.	.	2.9	3.8	13.1	16.0	25.2	24.9	74.7	3.8	4.3	0.43	35	57	14	C22
Gallbladder (C23-24)	65	0	.	.	.	.	.	.	.	1.0	2.5	1.5	13.3	10.5	28.8	37.8	64.8	61.7	5.0	6.2	0.80	66	26	10	C23-24
Pancreas (C25)	55	0	.	.	.	0.7	.	.	.	.	1.2	1.5	9.5	15.7	22.4	21.0	39.9	68.2	4.2	5.0	0.56	47	45	12	C25
Nose, sinuses (C30-31)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.0	.	0.1	0.1	0.02	100	0	26	C30-31
Larynx (C32)	11	0	.	.	.	.	.	.	0.9	.	.	2.9	5.7	2.6	6.4	4.2	5.0	.	0.8	1.1	0.14	100	0	22	C32
Lung, trachea and bronchus (C33-34)	102	0	.	.	.	.	.	0.8	.	1.0	3.7	8.8	22.7	20.9	54.3	54.6	54.9	97.5	7.8	9.7	1.11	81	15	5	C33-34
Melanoma of skin (C43)	39	0	.	.	.	.	0.7	0.8	1.8	2.0	2.5	10.3	1.9	10.5	19.2	12.6	10.0	26.0	3.0	3.5	0.36	100	0	18	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	2	0	.	.	.	0.7	.	.	.	.	.	.	.	.	3.2	.	.	.	0.2	0.2	0.02	100	0	25	C46
Breast (C50)	673	2	.	.	.	.	2.1	7.4	15.6	44.2	96.0	132.5	157.3	230.0	191.8	184.7	284.2	318.4	51.8	60.6	6.75	97	1	1	C50
Cervix uteri (C53)	308	1	.	.	.	.	2.1	11.6	18.4	32.1	34.5	63.3	53.1	75.8	79.9	96.5	134.6	113.7	23.7	26.8	3.02	95	3	2	C53
Corpus uteri (C54)	86	0	.	.	.	.	.	.	1.8	6.0	3.7	5.9	9.5	44.4	41.6	63.0	49.9	35.7	6.6	8.6	1.13	99	1	6	C54
Ovary (C56)	93	0	0.9	0.9	0.8	1.4	.	1.7	4.6	3.0	7.4	20.6	15.2	34.0	12.8	37.8	34.9	55.2	7.2	8.2	0.88	90	5	7	C56
Kidney (C64)	31	0	.	.	.	.	0.7	1.7	1.8	3.0	3.7	2.9	.	13.1	3.2	21.0	10.0	16.2	2.4	2.7	0.31	84	16	20	C64
Bladder (C67)	32	0	.	.	.	.	.	.	.	.	3.7	2.9	1.9	2.6	3.2	16.8	29.9	45.5	2.5	2.7	0.31	94	3	19	C67
Brain, CNS (C70-72)	51	0	1.9	.	2.5	.	4.2	1.7	3.7	2.0	1.2	10.3	5.7	10.5	9.6	8.4	10.0	32.5	3.9	4.1	0.36	59	37	15	C70-72
Thyroid (C73)	237	1	.	.	.	3.4	7.0	19.0	31.3	37.1	35.7	29.5	54.9	54.9	32.0	37.8	10.0	22.7	18.2	18.5	1.77	99	1	3	C73
Hodgkin disease (C81)	16	0	.	0.9	.	2.1	1.4	0.8	4.6	2.0	.	1.5	.	.	.	.	5.0	.	1.2	1.0	0.09	100	0	24	C81
Non-Hodgkin lymphoma (C82-85;C96)	62	0	.	1.9	1.6	0.7	0.7	1.7	1.8	3.0	3.7	7.4	5.7	23.5	12.8	16.8	39.9	42.2	4.8	5.4	0.61	97	3	11	C82-85;C96
Multiple myeloma (C88-C90)	34	0	.	.	.	.	.	.	.	.	1.2	4.4	5.7	18.3	19.2	29.4	10.0	16.2	2.6	3.5	0.44	91	9	17	C88-C90
Lymphoid leukaemia (C91)	16	0	2.8	2.8	0.8	.	.	1.7	.	.	1.2	.	1.9	5.2	3.2	4.2	5.0	.	1.2	1.6	0.14	88	13		C91
Myeloid leukaemia (C92-94)	24	0	.	.	.	2.1	0.7	1.7	2.8	.	.	1.5	7.6	10.5	.	4.2	5.0	13.0	1.8	1.9	0.18	79	17		C92-94
Leukaemia unspecified (C95)	4	0	.	.	.	.	.	.	.	.	.	.	.	2.6	3.2	.	5.0	3.2	0.3	0.4	0.05	25	75		C95
Leukaemia (C91-95)	44	0	2.8	2.8	0.8	2.1	0.7	3.3	2.8	.	1.2	1.5	9.5	18.3	6.4	8.4	15.0	16.2	3.4	3.9	0.38	77	20	16	C91-95
Other and unspecified (O&U)	86	0	0.9	.	.	.	.	.	1.8	1.0	4.9	20.6	13.3	15.7	25.6	33.6	49.9	81.2	6.6	7.8	0.84	65	28	8	O&U
All sites but C44 (ALLbC44)	2490	4	7.5	6.6	8.2	15.0	22.3	55.4	104.9	151.5	226.4	374.0	458.5	710.9	722.5	864.5	1171.9	1481.4	191.5	220.9	24.54	90	8		ALLbC44
All sites (ALL)	3727	15	9.3	6.6	9.0	17.1	27.9	65.4	128.8	193.7	321.2	503.6	646.1	1027.1	1147.6	1443.7	1845.1	2589.3	286.6	333.1	37.11	93	5		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

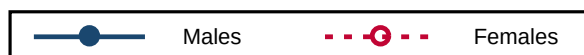
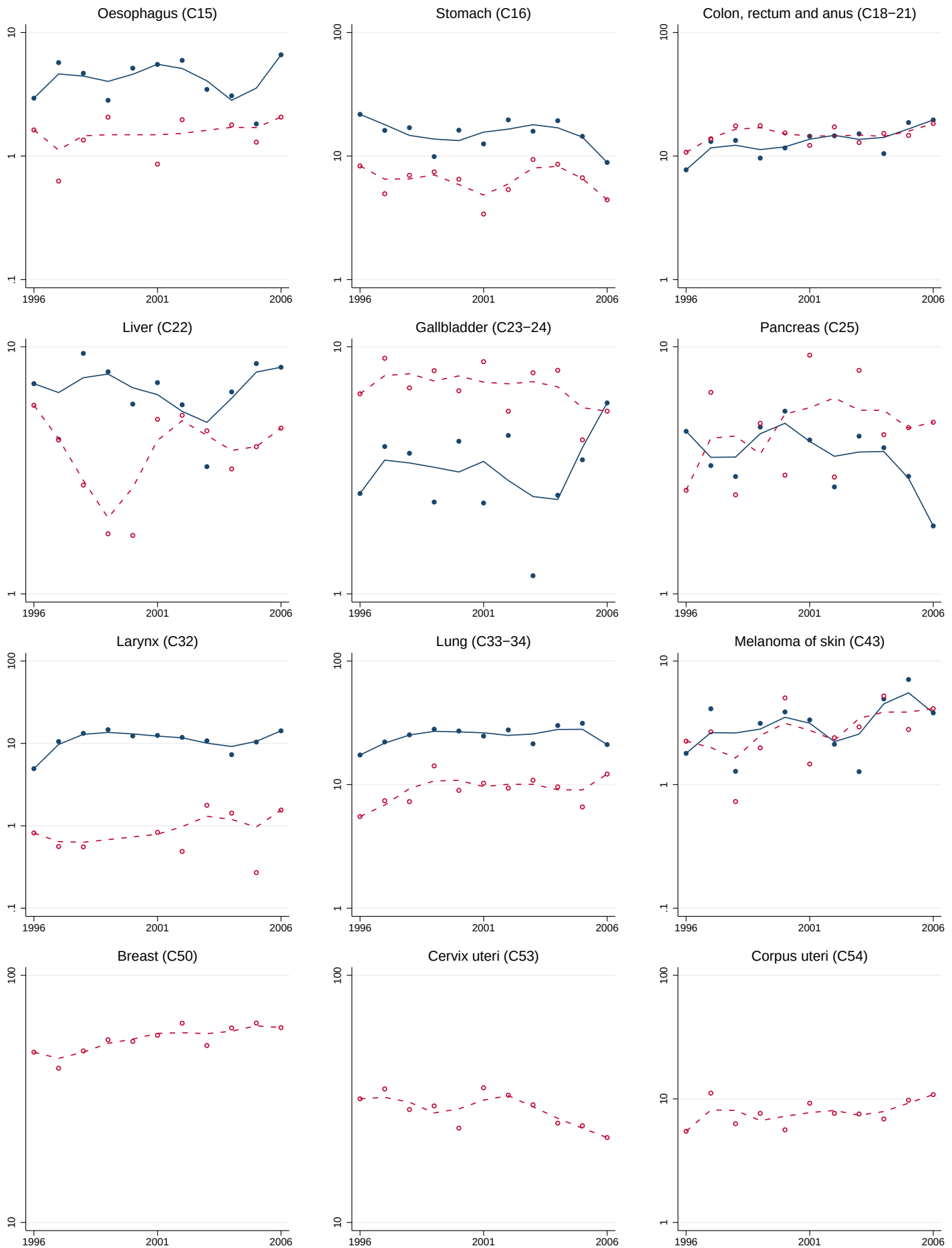
‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, ARACAJU (1996–2006)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

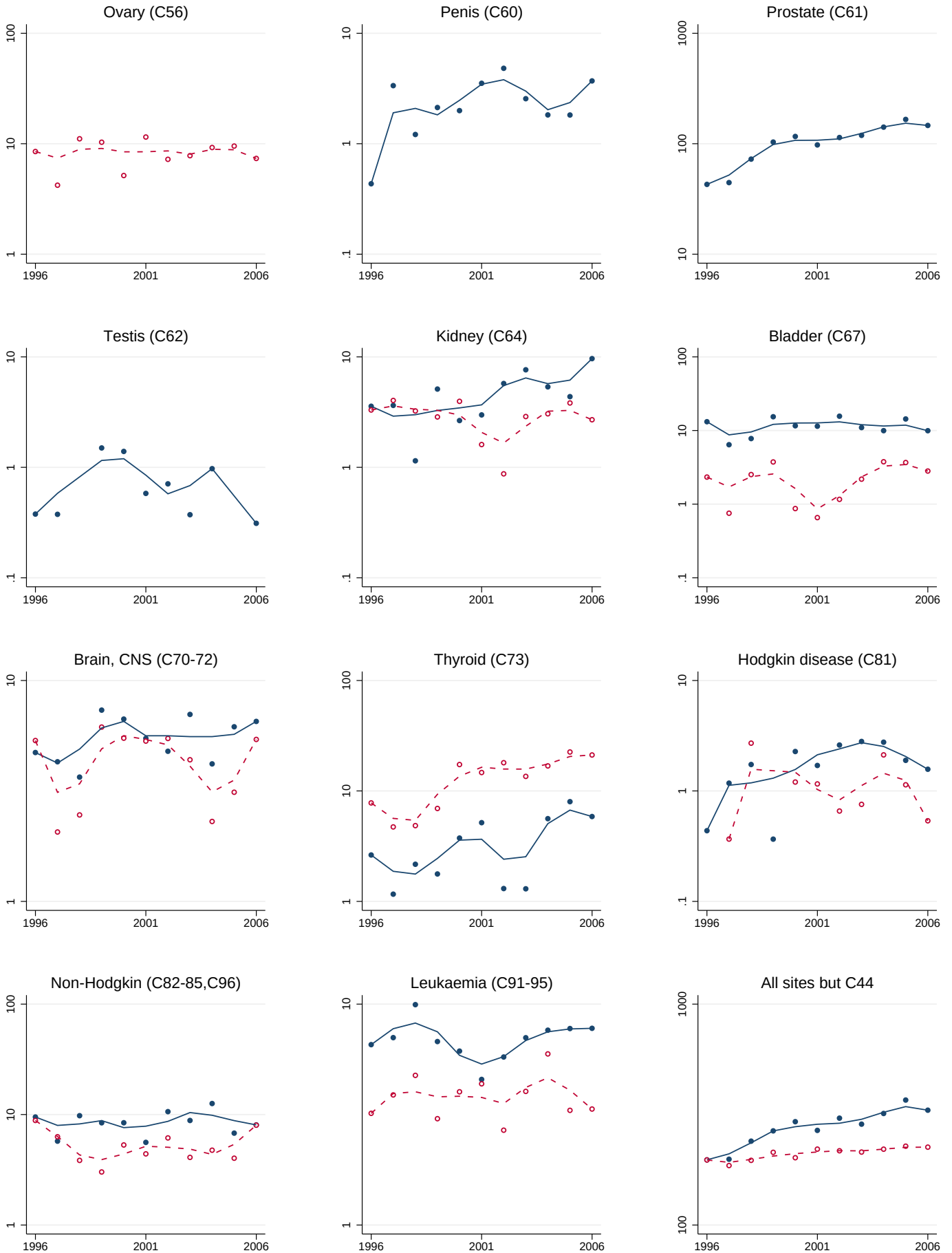


BRAZIL, ARACAJU (1996-2006)

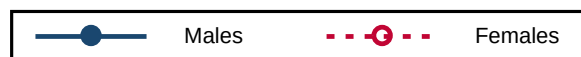
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

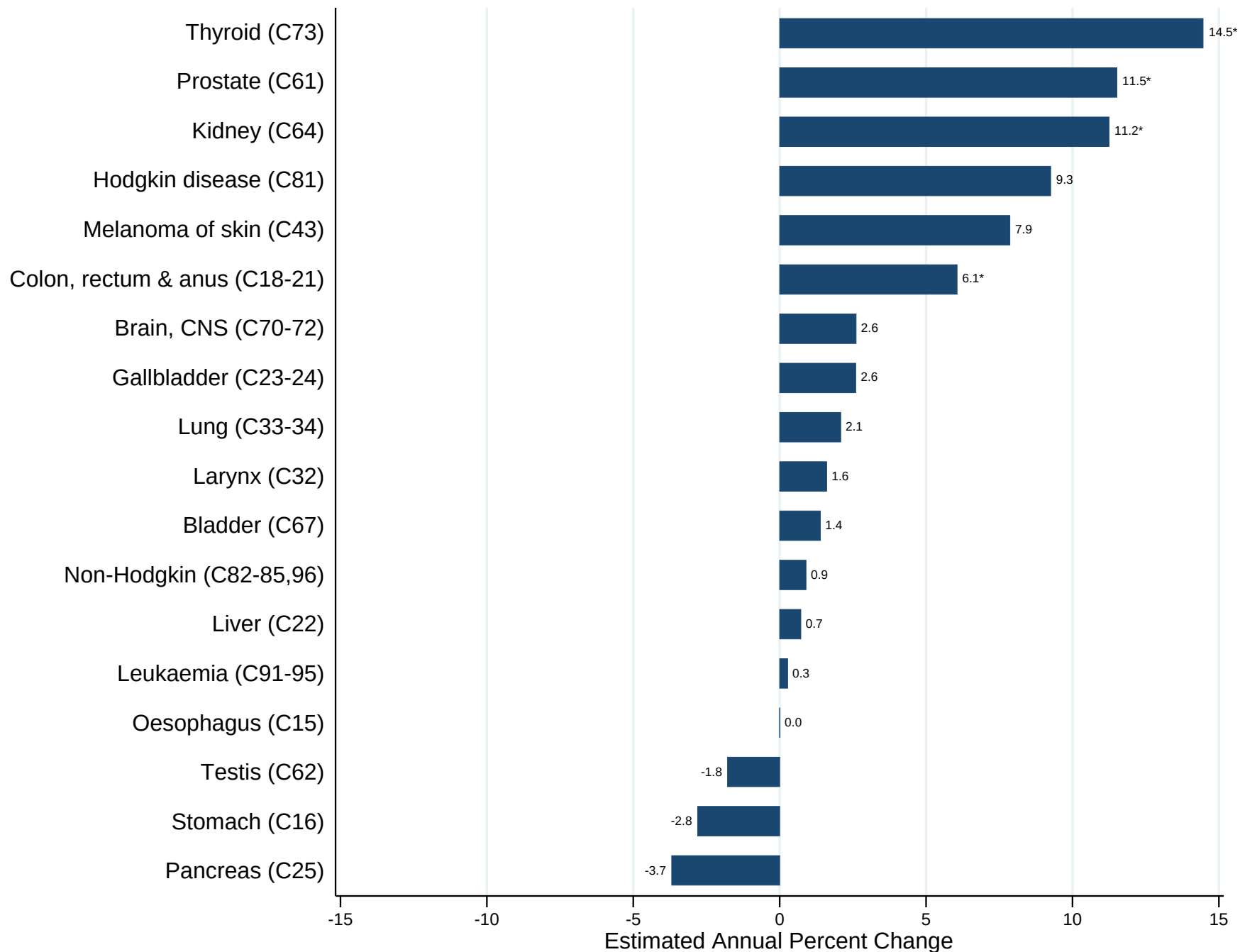


Calendar Year



BRAZIL, ARACAJU (1996-2006)

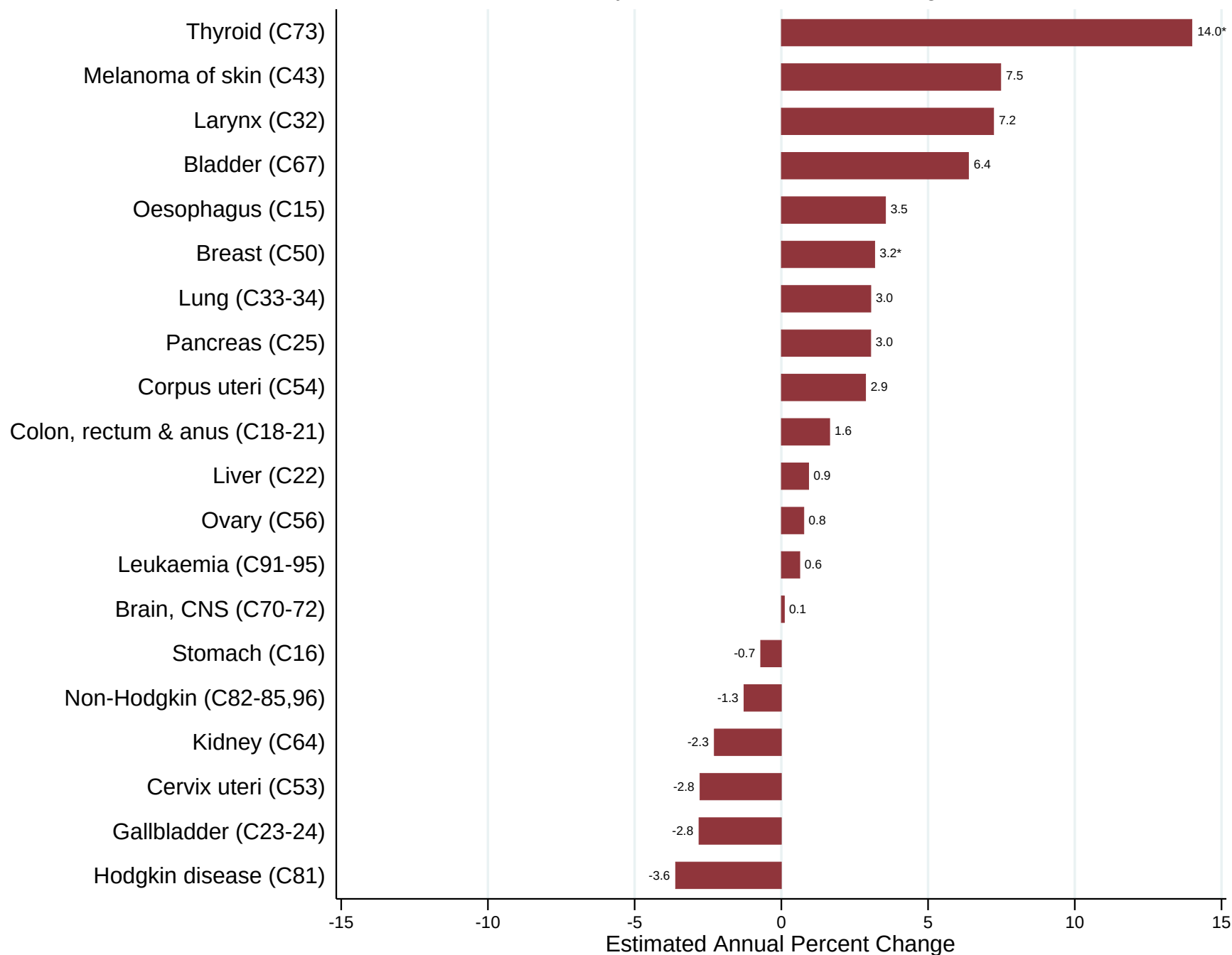
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, ARACAJU (1996-2006)

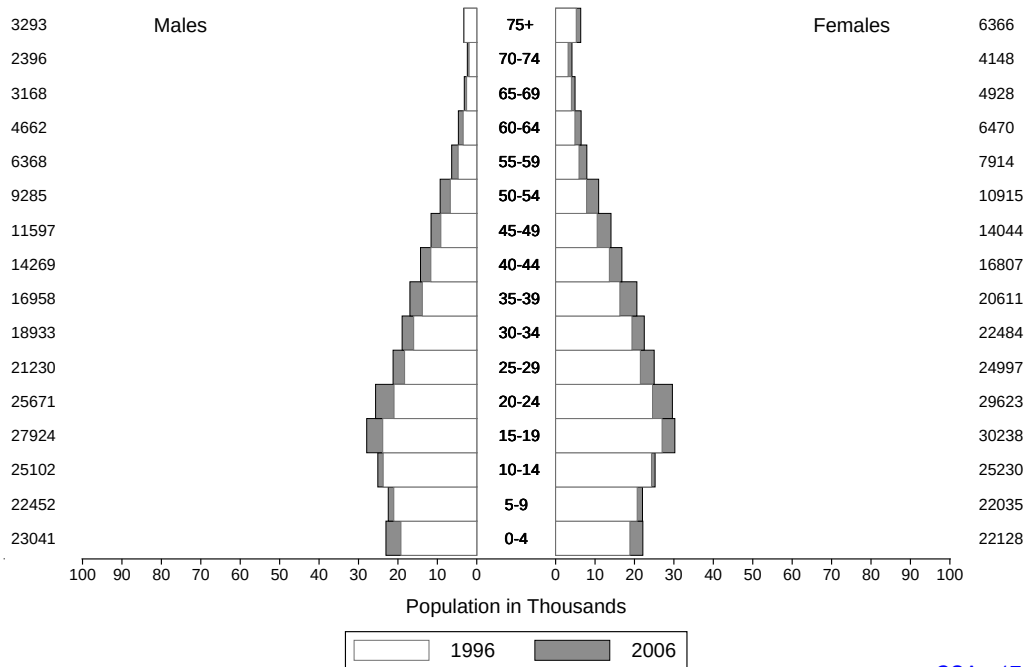
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, ARACAJU (1996-2006)

Average annual person-years



Note: Population values shown for year 2006

Registry Summary Tables and Figures

BRAZIL, BELEM (1989-1991)

Registry Director*: Dr Lucrecia Aline Cabral Formigosa

Registry Staff*: Lucrecia Aline Cabral Formigosa, Luciana Ferreira dos Santos, Morgana Cinthya Saraiva, Luiz Guilherme Santiago

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, BELEM (1989-1991)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	1989 n (%)	1990 n (%)	1991 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	49 (6.9)	44 (6.4)	64 (9.2)	157 (7.5)
Digestive organs (C15-C26)	234 (33.0)	183 (26.5)	209 (30.1)	626 (29.9)
Respiratory organs (C30-C39)	110 (15.5)	133 (19.3)	107 (15.4)	350 (16.7)
Bone, cartilage, and skin (C40-C44)	109 (15.4)	135 (19.6)	125 (18.0)	369 (17.6)
Breast (C50)	0 (0.0)	2 (0.3)	5 (0.7)	7 (0.3)
Male genitalia (C60-C63)	65 (9.2)	57 (8.3)	70 (10.1)	192 (9.2)
Urinary organs (C64-C68)	16 (2.3)	20 (2.9)	14 (2.0)	50 (2.4)
Eye, brain, and thyroid (C69-C75)	27 (3.8)	17 (2.5)	17 (2.4)	61 (2.9)
Hematopoietic (C81-C96)	62 (8.7)	56 (8.1)	37 (5.3)	155 (7.4)
Other and unspecified	37 (5.2)	43 (6.2)	46 (6.6)	126 (6.0)
All sites	709 (100.0)	690 (100.0)	694 (100.0)	2093 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	21 (2.3)	27 (2.8)	23 (2.5)	71 (2.5)
Digestive organs (C15-C26)	158 (17.3)	141 (14.8)	151 (16.2)	450 (16.1)
Respiratory organs (C30-C39)	29 (3.2)	39 (4.1)	41 (4.4)	109 (3.9)
Bone, cartilage, and skin (C40-C44)	110 (12.1)	103 (10.8)	116 (12.4)	329 (11.8)
Breast (C50)	148 (16.2)	124 (13.0)	137 (14.7)	409 (14.6)
Female genitalia (C51-C58)	331 (36.3)	402 (42.3)	343 (36.8)	1076 (38.5)
Urinary organs (C64-C68)	9 (1.0)	15 (1.6)	18 (1.9)	42 (1.5)
Eye, brain, and thyroid (C69-C75)	30 (3.3)	17 (1.8)	23 (2.5)	70 (2.5)
Hematopoietic (C81-C96)	40 (4.4)	42 (4.4)	23 (2.5)	105 (3.8)
Other and unspecified	35 (3.8)	41 (4.3)	57 (6.1)	133 (4.8)
All sites	911 (100.0)	951 (100.0)	932 (100.0)	2794 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	70 (4.3)	71 (4.3)	87 (5.4)	228 (4.7)
Digestive organs (C15-C26)	392 (24.2)	324 (19.7)	360 (22.1)	1076 (22.0)
Respiratory organs (C30-C39)	139 (8.6)	172 (10.5)	148 (9.1)	459 (9.4)
Bone, cartilage, and skin (C40-C44)	219 (13.5)	238 (14.5)	241 (14.8)	698 (14.3)
Urinary organs (C64-C68)	25 (1.5)	35 (2.1)	32 (2.0)	92 (1.9)
Eye, brain, and thyroid (C69-C75)	57 (3.5)	34 (2.1)	40 (2.5)	131 (2.7)
Hematopoietic (C81-C96)	102 (6.3)	98 (6.0)	60 (3.7)	260 (5.3)
Other and unspecified	72 (4.4)	84 (5.1)	103 (6.3)	259 (5.3)
All sites	1620 (100.0)	1641 (100.0)	1626 (100.0)	4887 (100.0)

BRAZIL, BELEM (1989-1991)
Age Standardized Incidence Rate* (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	1989 ASR (%)	1990 ASR (%)	1991 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	15.5 (6.9)	14.3 (6.5)	20.0 (9.5)	16.6 (7.6)
Digestive organs (C15-C26)	78.5 (35.0)	60.8 (27.9)	64.4 (30.7)	68.1 (31.3)
Respiratory organs (C30-C39)	37.2 (16.6)	44.6 (20.4)	35.1 (16.7)	39.0 (17.9)
Bone, cartilage, and skin (C40-C44)	34.6 (15.4)	43.7 (20.0)	37.7 (18.0)	38.7 (17.8)
Breast (C50)	0 (0.0)	0.7 (0.3)	1.6 (0.8)	0.8 (0.4)
Male genitalia (C60-C63)	22.5 (10.0)	19.4 (8.9)	22.5 (10.7)	21.5 (9.9)
Urinary organs (C64-C68)	5.2 (2.3)	6.2 (2.8)	4.1 (2.0)	5.2 (2.4)
Eye, brain, and thyroid (C69-C75)	6.7 (3.0)	4.0 (1.8)	3.3 (1.6)	4.7 (2.1)
Hematopoietic (C81-C96)	12.9 (5.8)	13.0 (5.9)	8.2 (3.9)	11.4 (5.2)
Other and unspecified	10.8 (4.8)	11.6 (5.3)	13.2 (6.3)	11.8 (5.4)
All sites	224.0 (100.0)	218.3 (100.0)	209.8 (100.0)	217.5 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	4.8 (2.5)	6.4 (3.1)	5.2 (2.6)	5.5 (2.7)
Digestive organs (C15-C26)	36.0 (18.5)	31.5 (15.2)	34.3 (17.4)	33.9 (17.0)
Respiratory organs (C30-C39)	6.5 (3.4)	9.4 (4.5)	9.5 (4.8)	8.4 (4.2)
Bone, cartilage, and skin (C40-C44)	24.5 (12.7)	23.1 (11.1)	25.2 (12.8)	24.3 (12.2)
Breast (C50)	31.5 (16.3)	28.5 (13.7)	30.6 (15.5)	30.2 (15.1)
Female genitalia (C51-C58)	69.5 (35.8)	86.3 (41.6)	69.7 (35.3)	75.2 (37.7)
Urinary organs (C64-C68)	1.8 (0.9)	3.0 (1.4)	3.3 (1.7)	2.7 (1.4)
Eye, brain, and thyroid (C69-C75)	4.7 (2.4)	2.6 (1.2)	3.6 (1.8)	3.6 (1.8)
Hematopoietic (C81-C96)	7.0 (3.6)	7.5 (3.6)	4.2 (2.1)	6.2 (3.1)
Other and unspecified	7.3 (3.8)	9.3 (4.5)	11.8 (6.0)	9.5 (4.8)
All sites	193.8 (100.0)	207.5 (100.0)	197.4 (100.0)	199.6 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	9.4 (4.7)	9.6 (4.6)	11.6 (5.8)	10.2 (5.0)
Digestive organs (C15-C26)	53.4 (26.4)	43.3 (20.8)	46.8 (23.5)	47.9 (23.5)
Respiratory organs (C30-C39)	19.1 (9.4)	24.0 (11.5)	20.1 (10.1)	21.1 (10.4)
Bone, cartilage, and skin (C40-C44)	28.6 (14.1)	31.7 (15.3)	30.5 (15.3)	30.3 (14.9)
Urinary organs (C64-C68)	3.1 (1.5)	4.3 (2.1)	3.6 (1.8)	3.7 (1.8)
Eye, brain, and thyroid (C69-C75)	5.5 (2.7)	3.1 (1.5)	3.4 (1.7)	4.0 (2.0)
Hematopoietic (C81-C96)	9.5 (4.7)	9.7 (4.7)	6.0 (3.0)	8.4 (4.1)
Other and unspecified	8.7 (4.3)	10.4 (5.0)	12.4 (6.2)	10.5 (5.2)
All sites	202.5 (100.0)	207.8 (100.0)	199.4 (100.0)	203.3 (100.0)

*Population denominator available for 1 year

BRAZIL, BELEM (1989-1991)

Incidence* per 100,000 by Age Group (years)

Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	157	8	.	0.9	.	.	1.0	1.2	4.1	3.4	4.3	11.5	23.5	63.9	47.8	124.0	98.6	137.5	8.3	16.6	2.02	92	6	4	C00-14
Oesophagus (C15)	57	0	.	.	.	.	.	.	.	3.4	2.2	4.3	10.9	14.7	23.9	38.5	56.3	65.7	3.0	6.3	0.77	65	11	8	C15
Stomach (C16)	383	32	.	.	.	.	0.5	0.6	3.4	12.8	18.5	43.2	59.8	86.0	137.4	278.0	288.7	370.6	20.2	41.7	5.07	66	18	1	C16
Colon (C18)	43	3	.	.	.	0.4	0.5	.	0.7	2.6	3.3	.	1.8	9.8	14.9	12.8	56.3	59.8	2.3	4.6	0.55	60	12		C18
Rectum (C19-20)	22	3	.	.	.	.	0.5	.	0.7	0.9	2.2	4.3	1.8	7.4	3.0	12.8	14.1	6.0	1.2	2.1	0.28	86	9		C19-20
Colorectal (C18-20)	65	6	.	.	.	0.4	1.0	.	1.4	3.4	5.4	4.3	3.6	17.2	17.9	25.7	70.4	65.7	3.4	6.7	0.83	69	11	7	C18-20
Anus (C21)	8	0	.	.	.	.	.	1.2	.	.	.	.	5.4	.	.	.	7.0	12.0	0.4	0.7	0.07	100	0	21	C21
Colon, rectum and anus (C18-21)	73	6	.	.	.	0.4	1.0	1.2	1.4	3.4	5.4	4.3	9.1	17.2	17.9	25.7	77.5	77.7	3.8	7.4	0.90	73	10		C18-21
Liver (C22)	7	0	.	0.4	.	.	.	.	.	.	1.1	.	.	.	.	4.3	.	23.9	0.4	0.7	0.03	57	29	23	C22
Gallbladder (C23-24)	14	0	.	.	.	.	.	.	.	.	.	2.9	.	.	11.9	12.8	7.0	23.9	0.7	1.7	0.17	7	36	17	C23-24
Pancreas (C25)	48	0	.	.	.	0.4	.	.	.	1.7	2.2	.	7.2	4.9	14.9	51.3	49.3	77.7	2.5	5.5	0.66	15	31	9	C25
Nose, sinuses (C30-31)	7	0	.	.	.	0.4	.	0.6	.	.	.	.	.	4.9	3.0	.	7.0	6.0	0.4	0.7	0.08	100	0	24	C30-31
Larynx (C32)	79	8	.	.	.	0.4	.	.	1.4	0.9	4.3	5.8	10.9	19.6	23.9	64.1	49.3	89.7	4.2	8.6	1.00	82	9	6	C32
Lung, trachea and bronchus (C33-34)	254	7	.	.	.	.	0.5	.	2.0	4.3	4.3	30.3	48.9	49.1	92.6	205.3	246.4	310.8	13.4	28.7	3.52	34	20	2	C33-34
Melanoma of skin (C43)	15	0	.	.	.	0.4	.	0.6	.	.	4.3	.	1.8	2.5	9.0	.	14.1	12.0	0.8	1.4	0.16	100	0	18	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	4.3	.	.	0.1	0.1	0.02	100	0	26	C46
Breast (C50)	7	0	.	.	.	.	.	.	.	.	.	1.4	3.6	2.5	.	.	14.1	6.0	0.4	0.8	0.11	100	0	20	C50
Penis (C60)	23	1	.	.	.	.	.	0.6	2.7	.	2.2	4.3	5.4	2.5	6.0	8.6	.	23.9	1.2	2.0	0.17	91	9	15	C60
Prostate (C61)	145	24	.	.	.	.	.	.	.	.	.	.	3.6	31.9	50.8	68.4	183.1	280.9	7.6	17.8	2.02	48	24	3	C61
Testis (C62)	17	0	.	.	.	0.4	.	0.6	3.4	2.6	1.1	.	1.8	4.9	.	.	14.1	6.0	0.9	1.2	0.14	71	12	19	C62
Kidney (C64)	21	1	0.9	1.7	.	.	.	0.6	.	.	.	1.4	1.8	7.4	6.0	8.6	7.0	17.9	1.1	1.9	0.19	86	5	16	C64
Bladder (C67)	25	1	.	0.4	.	.	.	.	.	0.9	.	.	3.6	4.9	3.0	25.7	42.2	29.9	1.3	2.9	0.42	68	16	13	C67
Brain, CNS (C70-72)	41	1	1.4	3.0	0.4	0.4	1.5	0.6	.	.	3.3	5.8	3.6	4.9	14.9	17.1	.	23.9	2.2	3.3	0.29	24	32	12	C70-72
Thyroid (C73)	5	1	.	.	.	0.4	.	.	0.7	0.9	.	.	.	.	.	.	7.0	.	0.3	0.3	0.06	100	0	25	C73
Hodgkin disease (C81)	33	1	.	1.7	1.7	1.3	1.0	1.2	0.7	0.9	.	5.8	.	2.5	6.0	12.8	21.1	12.0	1.7	2.5	0.29	97	0	14	C81
Non-Hodgkin lymphoma (C82-85,C96)	54	1	.	4.3	2.1	1.3	0.5	0.6	2.0	0.9	2.2	.	9.1	19.6	9.0	34.2	14.1	6.0	2.8	4.2	0.51	98	0	10	C82-85,C96
Multiple myeloma (C88-C90)	8	0	.	.	.	.	.	.	.	0.9	3.3	.	.	.	6.0	4.3	.	6.0	0.4	0.7	0.07	100	0	22	C88-C90
Lymphoid leukaemia (C91)	22	5	3.2	2.6	.	1.3	0.5	.	.	.	.	.	.	.	.	.	.	.	1.2	1.0	0.05	100	0		C91
Myeloid leukaemia (C92-94)	25	1	.	0.9	1.3	0.4	0.5	1.2	1.4	.	1.1	.	.	7.4	6.0	8.6	7.0	23.9	1.3	2.0	0.19	100	0		C92-94
Leukaemia unspecified (C95)	13	0	0.9	0.4	0.4	0.4	0.5	0.6	.	2.6	1.1	1.4	.	.	3.0	.	.	.	0.7	0.7	0.06	54	46		C95
Leukaemia (C91-95)	60	6	4.1	3.8	1.7	2.2	1.5	1.7	1.4	2.6	2.2	1.4	.	7.4	9.0	8.6	7.0	23.9	3.2	3.9	0.30	90	10	11	C91-95
Other and unspecified (O&U)	139	13	1.4	.	0.4	0.4	1.5	2.9	2.0	3.4	6.5	8.6	27.2	44.2	44.8	51.3	91.5	125.5	7.3	13.9	1.58	34	33	5	O&U
All sites but C44 (ALLbC44)	1775	118	9.6	18.8	8.4	10.8	11.2	16.3	27.7	46.1	71.7	148.4	240.8	420.0	555.5	1090.4	1309.7	1805.0	93.5	182.8	21.35	61	17		ALLbC44
All sites (ALL)	2093	139	9.6	18.8	8.4	10.8	11.7	18.6	29.8	53.8	92.4	165.7	297.0	513.3	675.0	1235.8	1626.5	2169.6	110.2	217.5	25.53	67	14		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

*Population denominator available for 1 year

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, BELEM (1989-1991)
Incidence* per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	71	2	.	.	.	.	0.4	0.5	.	2.3	1.0	5.1	7.9	9.9	16.2	42.5	37.1	64.7	3.4	5.5	0.63	94	4	7	C00-14
Oesophagus (C15)	20	1	.	.	.	.	.	.	0.6	.	2.9	2.5	3.2	2.0	4.6	3.3	18.5	9.2	1.0	1.5	0.20	75	15	16	C15
Stomach (C16)	215	15	.	.	.	.	0.4	0.5	7.4	5.3	9.8	19.1	44.4	49.6	50.9	49.1	97.4	132.4	10.3	16.0	1.79	65	19	3	C16
Colon (C18)	52	3	.	0.4	.	.	.	.	0.6	.	2.9	1.3	1.6	6.0	13.9	36.0	9.3	61.6	2.5	3.9	0.38	54	23		C18
Rectum (C19-20)	33	1	.	.	.	.	.	0.5	0.6	0.8	3.9	5.1	3.2	4.0	13.9	9.8	23.2	9.2	1.6	2.6	0.33	67	27		C19-20
Colorectal (C18-20)	85	4	.	0.4	.	.	.	0.5	1.2	0.8	6.8	6.4	4.8	9.9	27.8	45.8	32.5	70.8	4.1	6.5	0.72	59	25	6	C18-20
Anus (C21)	27	1	.	.	.	.	.	.	1.8	0.8	.	1.3	4.8	7.9	9.3	9.8	23.2	6.2	1.3	2.1	0.31	96	0	12	C21
Colon, rectum and anus (C18-21)	112	5	.	0.4	.	.	.	0.5	3.1	1.5	6.8	7.6	9.5	17.9	37.0	55.6	55.6	77.0	5.3	8.6	1.02	68	19		C18-21
Liver (C22)	6	1	.	.	.	.	.	.	.	.	1.0	.	1.6	.	2.3	.	9.3	.	0.3	0.5	0.08	67	0	23	C22
Gallbladder (C23-24)	38	3	.	.	.	.	.	.	.	.	1.0	3.8	3.2	9.9	16.2	16.4	18.5	24.6	1.8	3.1	0.37	26	32	9	C23-24
Pancreas (C25)	31	1	.	.	0.4	.	.	.	1.2	.	2.0	3.8	4.8	4.0	.	6.5	27.8	27.7	1.5	2.2	0.26	26	35	11	C25
Nose, sinuses (C30-31)	3	0	.	.	.	.	0.4	.	.	.	.	1.3	.	2.0	.	.	.	.	0.1	0.2	0.02	67	33	25	C30-31
Larynx (C32)	8	1	.	.	.	.	.	.	0.6	.	.	.	1.6	2.0	.	3.3	.	6.2	0.4	0.5	0.04	88	13	22	C32
Lung, trachea and bronchus (C33-34)	90	4	.	.	0.4	0.8	0.4	.	.	.	1.0	6.4	11.1	25.8	30.1	49.1	37.1	61.6	4.3	7.1	0.85	34	24	5	C33-34
Melanoma of skin (C43)	14	1	.	.	.	.	0.4	.	1.8	1.5	.	1.3	1.6	4.0	4.6	3.3	.	.	0.7	0.9	0.10	100	0	21	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.1	0.0	0.1	0.00	100	0	26	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	409	24	.	.	.	.	1.3	1.6	9.8	24.3	42.0	84.0	80.9	77.4	90.2	101.4	148.4	92.4	19.5	30.2	3.51	90	7	2	C50
Cervix uteri (C53)	931	23	.	.	.	0.4	3.9	13.1	35.7	78.8	116.2	170.6	187.1	200.4	194.3	193.1	153.0	194.0	44.5	65.0	6.90	89	8	1	C53
Corpus uteri (C54)	24	1	.	.	.	.	.	.	.	0.8	2.0	1.3	9.5	4.0	11.6	3.3	13.9	6.2	1.1	1.9	0.24	88	13	14	C54
Ovary (C56)	61	3	.	.	.	1.2	0.9	2.6	1.8	1.5	1.0	6.4	14.3	9.9	9.3	16.4	23.2	27.7	2.9	4.2	0.46	69	11	8	C56
Kidney (C64)	19	1	1.9	1.7	.	0.4	.	.	1.2	0.8	.	.	1.6	4.0	2.3	3.3	.	3.1	0.9	1.1	0.09	84	11	19	C64
Bladder (C67)	17	2	0.5	.	.	.	.	.	0.6	.	.	1.3	.	2.0	6.9	3.3	.	21.6	0.8	1.2	0.08	76	12	18	C67
Brain, CNS (C70-72)	35	2	1.4	2.2	1.2	0.4	1.7	1.0	1.8	2.3	2.0	1.3	3.2	4.0	.	.	4.6	3.1	1.7	1.8	0.14	49	20	15	C70-72
Thyroid (C73)	23	4	.	.	.	.	1.3	1.0	3.1	1.5	1.0	1.3	3.2	.	4.6	.	.	3.1	1.1	1.2	0.10	87	4	17	C73
Hodgkin disease (C81)	17	0	.	0.9	0.4	0.4	0.4	0.5	0.6	1.5	1.0	1.3	4.8	.	2.3	.	9.3	.	0.8	1.0	0.12	100	0	20	C81
Non-Hodgkin lymphoma (C82-85,C96)	31	1	0.9	1.7	0.4	0.4	0.4	1.0	1.2	.	1.0	2.5	4.8	4.0	6.9	16.4	4.6	.	1.5	2.1	0.24	100	0	13	C82-85,C96
Multiple myeloma (C88-C90)	6	2	.	.	.	.	.	.	.	1.5	.	.	.	.	2.3	.	4.6	.	0.3	0.4	0.06	100	0	24	C88-C90
Lymphoid leukaemia (C91)	18	3	2.3	2.2	0.4	.	.	.	0.6	.	2.0	.	.	.	.	3.3	.	.	0.9	0.9	0.06	100	0		C91
Myeloid leukaemia (C92-94)	19	1	0.5	0.4	0.4	1.5	0.4	.	0.6	.	3.9	2.5	1.6	2.0	.	.	.	3.1	0.9	1.0	0.07	100	0		C92-94
Leukaemia unspecified (C95)	14	0	0.9	.	0.8	.	.	2.6	0.6	.	1.0	.	.	.	2.3	6.5	.	.	0.7	0.8	0.07	36	57		C95
Leukaemia (C91-95)	51	4	3.7	2.6	1.6	1.5	0.4	2.6	1.8	.	6.8	2.5	1.6	2.0	2.3	9.8	.	3.1	2.4	2.7	0.21	82	16	10	C91-95
Other and unspecified (O&U)	124	15	1.4	0.4	0.8	.	0.4	0.5	.	3.8	4.9	7.6	20.6	29.8	27.8	39.3	32.5	80.1	5.9	9.2	0.97	44	36	4	O&U
All sites but C44 (ALLbC44)	2505	127	14.0	12.5	6.0	7.3	16.6	28.7	75.1	133.4	210.9	343.7	432.8	480.2	552.8	638.1	723.2	933.1	119.7	177.8	19.36	78	12		ALLbC44
All sites (ALL)	2794	141	14.0	12.5	6.0	7.3	17.9	30.3	79.4	138.7	223.6	364.1	464.5	545.7	622.2	716.7	922.6	1167.2	133.5	199.6	21.93	80	11		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

*Population denominator available for 1 year

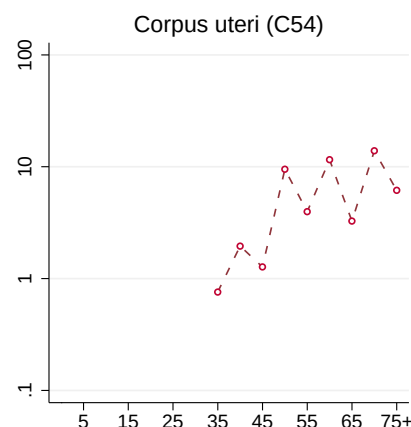
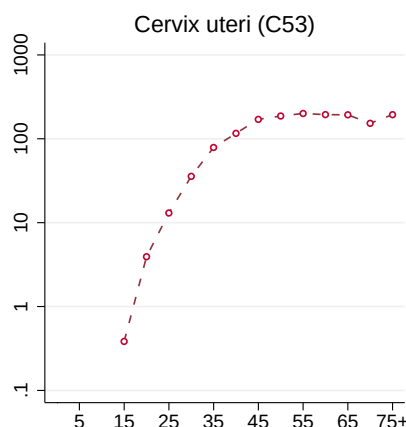
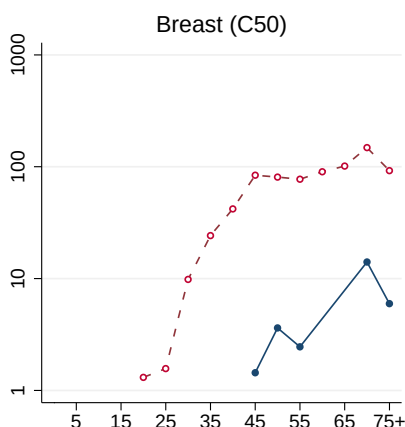
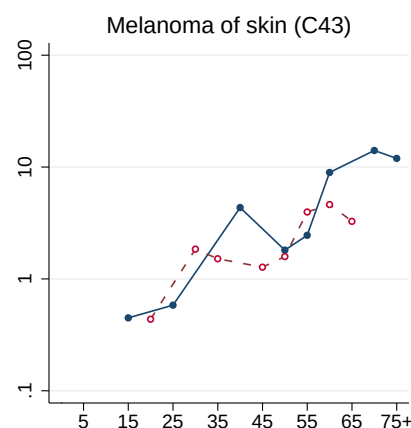
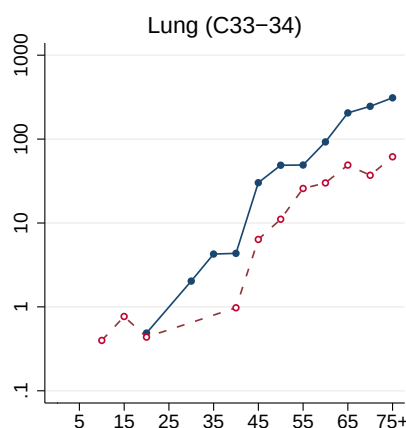
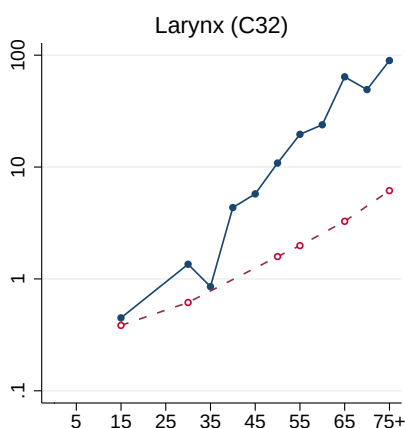
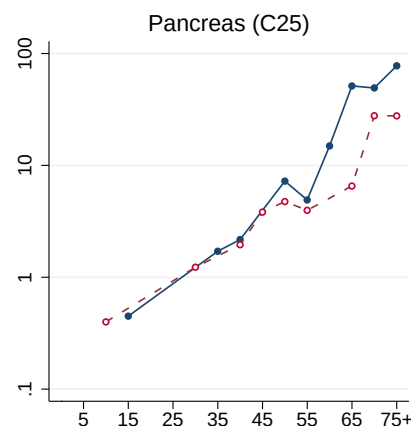
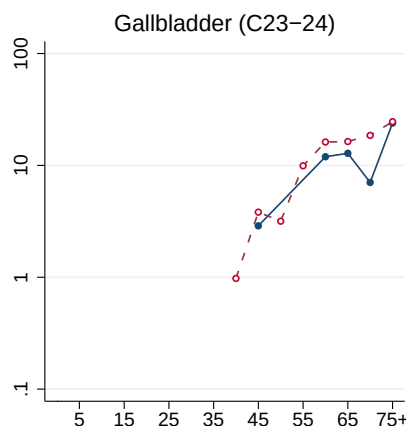
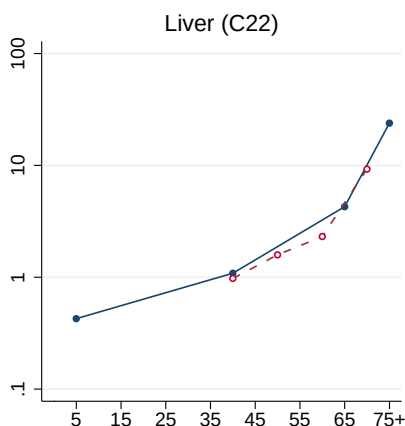
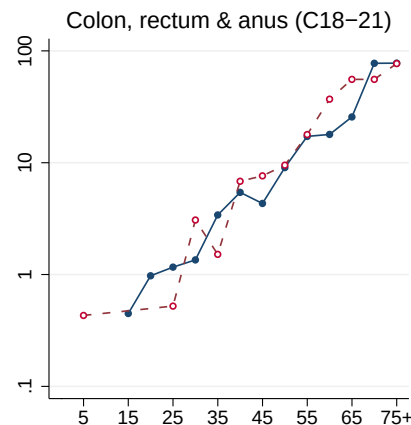
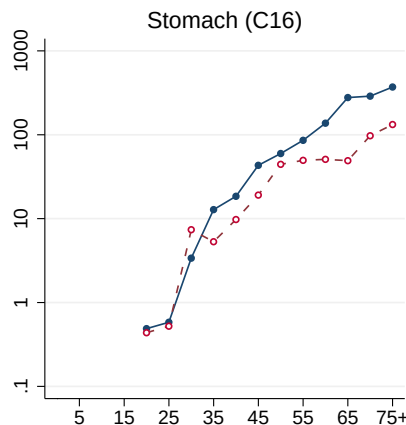
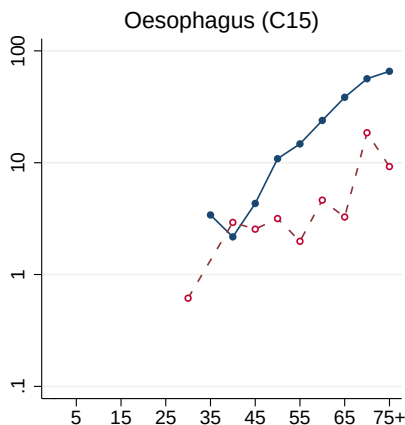
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, BELEM (1989–1991)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



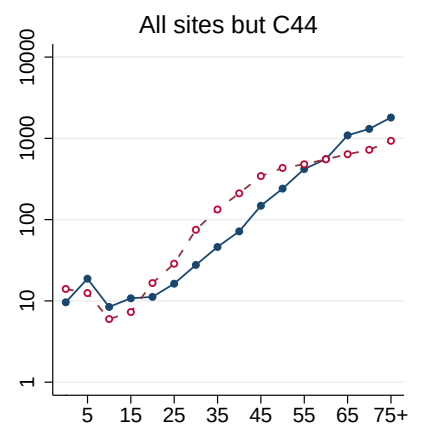
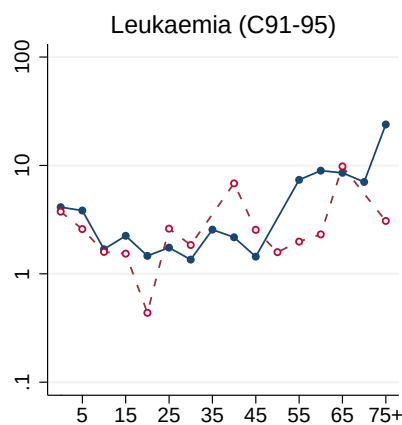
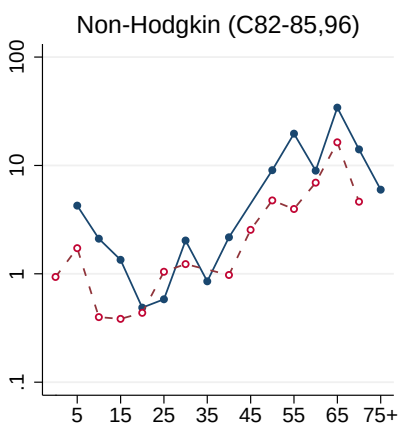
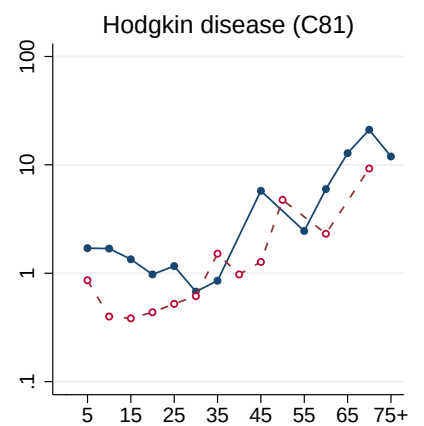
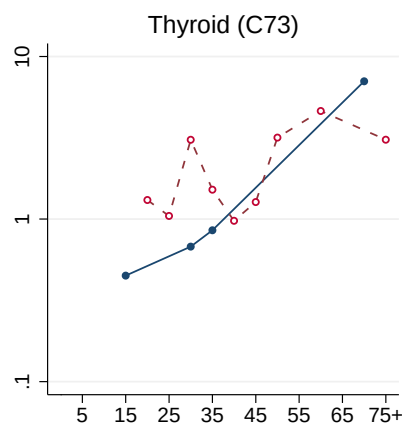
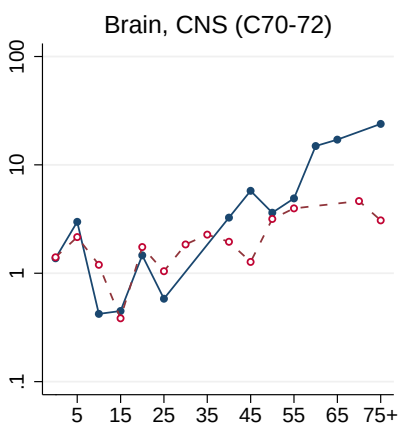
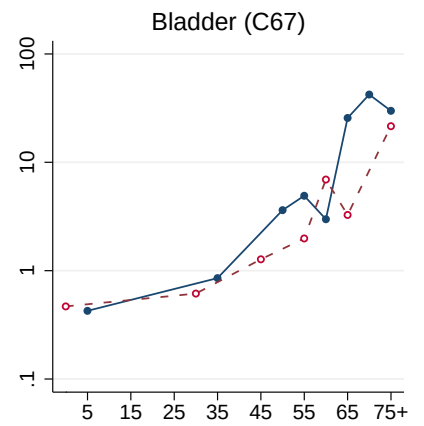
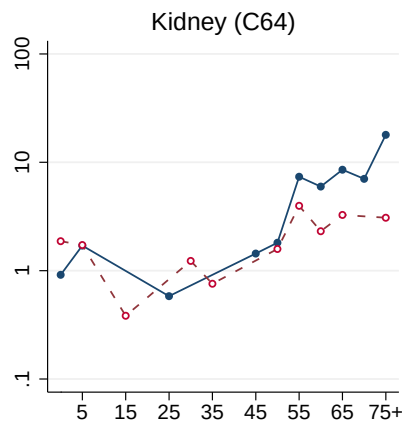
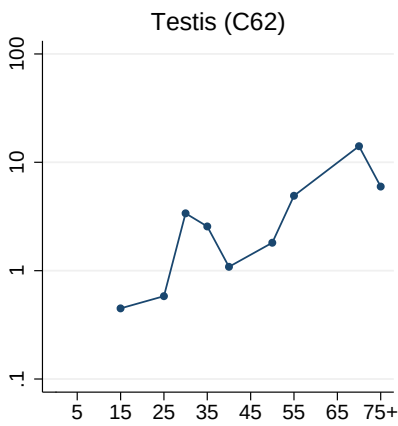
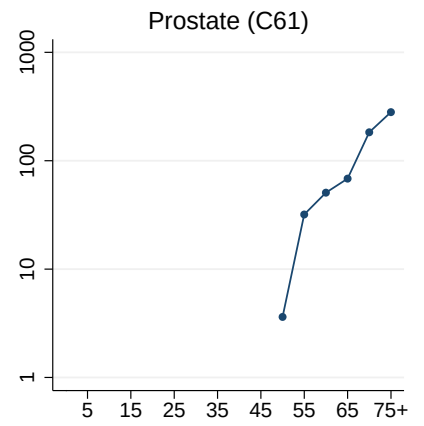
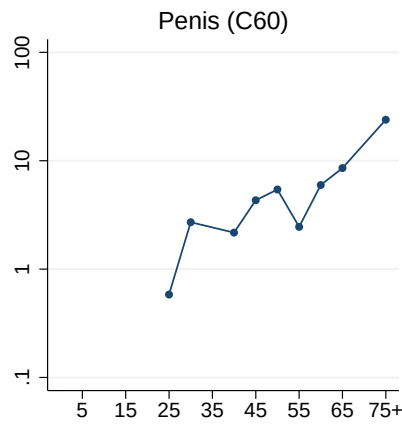
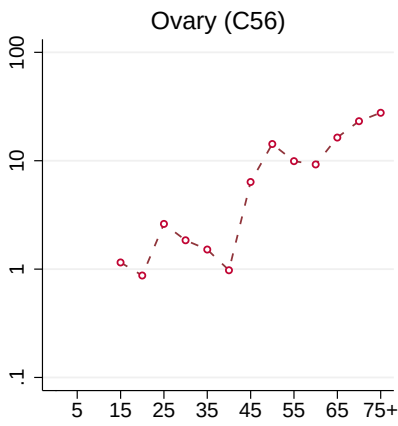
Age in Years



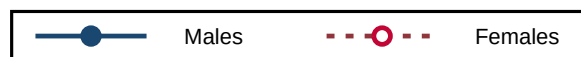
BRAZIL, BELEM (1989-1991)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

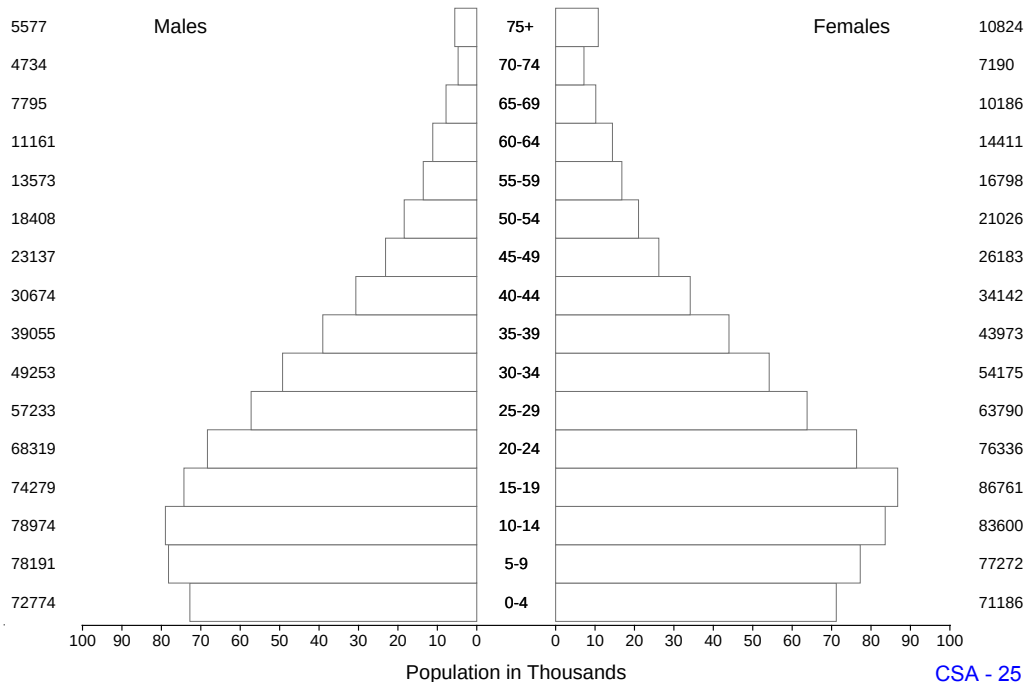


Age in Years



BRAZIL, BELEM (1991)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, BELO HORIZONTE (2003-2005)

Registry Director*: Dr Berenice Navarro Antoniazzi

Registry Staff*: Karina Elizabeth Evangelista, Renato Azeredo Teixeira, Thays Aparecida Leão D'Alessandro

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, BELEM (2003-2005)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	174 (5.3)	151 (4.5)	155 (4.9)	480 (4.9)
Digestive organs (C15-C26)	545 (16.6)	636 (19.0)	562 (17.6)	1743 (17.8)
Respiratory organs (C30-C39)	275 (8.4)	267 (8.0)	303 (9.5)	845 (8.6)
Bone, cartilage, and skin (C40-C44)	648 (19.7)	551 (16.5)	490 (15.4)	1689 (17.2)
Breast (C50)	3 (0.1)	3 (0.1)	3 (0.1)	9 (0.1)
Male genitalia (C60-C63)	1084 (33.0)	1191 (35.6)	1105 (34.7)	3380 (34.4)
Urinary organs (C64-C68)	154 (4.7)	142 (4.2)	140 (4.4)	436 (4.4)
Eye, brain, and thyroid (C69-C75)	88 (2.7)	89 (2.7)	101 (3.2)	278 (2.8)
Hematopoietic (C81-C96)	193 (5.9)	181 (5.4)	181 (5.7)	555 (5.7)
Other and unspecified	120 (3.7)	135 (4.0)	145 (4.6)	400 (4.1)
All sites	3284 (100.0)	3346 (100.0)	3185 (100.0)	9815 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	56 (1.7)	57 (1.8)	57 (1.8)	170 (1.8)
Digestive organs (C15-C26)	549 (17.0)	555 (17.6)	596 (18.4)	1700 (17.7)
Respiratory organs (C30-C39)	112 (3.5)	122 (3.9)	123 (3.8)	357 (3.7)
Bone, cartilage, and skin (C40-C44)	619 (19.2)	600 (19.0)	570 (17.6)	1789 (18.6)
Breast (C50)	843 (26.1)	834 (26.5)	867 (26.8)	2544 (26.4)
Female genitalia (C51-C58)	515 (15.9)	371 (11.8)	371 (11.5)	1257 (13.1)
Urinary organs (C64-C68)	88 (2.7)	95 (3.0)	71 (2.2)	254 (2.6)
Eye, brain, and thyroid (C69-C75)	129 (4.0)	188 (6.0)	199 (6.1)	516 (5.4)
Hematopoietic (C81-C96)	189 (5.9)	199 (6.3)	210 (6.5)	598 (6.2)
Other and unspecified	129 (4.0)	132 (4.2)	174 (5.4)	435 (4.5)
All sites	3229 (100.0)	3153 (100.0)	3238 (100.0)	9620 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	230 (3.5)	208 (3.2)	212 (3.3)	650 (3.3)
Digestive organs (C15-C26)	1094 (16.8)	1191 (18.3)	1158 (18.0)	3443 (17.7)
Respiratory organs (C30-C39)	387 (5.9)	389 (6.0)	426 (6.6)	1202 (6.2)
Bone, cartilage, and skin (C40-C44)	1267 (19.5)	1151 (17.7)	1060 (16.5)	3478 (17.9)
Urinary organs (C64-C68)	242 (3.7)	237 (3.6)	211 (3.3)	690 (3.6)
Eye, brain, and thyroid (C69-C75)	217 (3.3)	277 (4.3)	300 (4.7)	794 (4.1)
Hematopoietic (C81-C96)	382 (5.9)	380 (5.8)	391 (6.1)	1153 (5.9)
Other and unspecified	249 (3.8)	267 (4.1)	319 (5.0)	835 (4.3)
All sites	6513 (100.0)	6499 (100.0)	6423 (100.0)	19435 (100.0)

BRAZIL, BELEM (2003-2005)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	19.7 (5.1)	16.6 (4.2)	16.9 (4.6)	17.7 (4.6)
Digestive organs (C15-C26)	63.4 (16.3)	74.2 (18.9)	64.2 (17.6)	67.3 (17.6)
Respiratory organs (C30-C39)	32.8 (8.4)	31.6 (8.0)	35.2 (9.6)	33.2 (8.7)
Bone, cartilage, and skin (C40-C44)	75.1 (19.3)	63.9 (16.2)	55.1 (15.1)	64.6 (16.9)
Breast (C50)	0.4 (0.1)	0.3 (0.1)	0.4 (0.1)	0.4 (0.1)
Male genitalia (C60-C63)	135.0 (34.7)	146.3 (37.1)	132.4 (36.3)	137.8 (36.1)
Urinary organs (C64-C68)	18.5 (4.8)	16.9 (4.3)	16.0 (4.4)	17.1 (4.5)
Eye, brain, and thyroid (C69-C75)	9.1 (2.4)	9.2 (2.3)	9.8 (2.7)	9.4 (2.5)
Hematopoietic (C81-C96)	21.3 (5.5)	19.6 (5.0)	18.9 (5.2)	19.9 (5.2)
Other and unspecified	13.3 (3.4)	15.1 (3.8)	16.0 (4.4)	14.8 (3.9)
All sites	388.5 (100.0)	393.8 (100.0)	364.8 (100.0)	382.2 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	4.3 (1.7)	4.5 (1.8)	4.4 (1.8)	4.4 (1.8)
Digestive organs (C15-C26)	42.7 (16.7)	42.5 (17.3)	44.7 (18.1)	43.3 (17.4)
Respiratory organs (C30-C39)	9.0 (3.5)	9.5 (3.9)	9.4 (3.8)	9.3 (3.7)
Bone, cartilage, and skin (C40-C44)	47.6 (18.6)	45.4 (18.5)	41.7 (16.9)	44.8 (18.0)
Breast (C50)	67.2 (26.3)	65.8 (26.9)	67.3 (27.3)	66.8 (26.8)
Female genitalia (C51-C58)	41.9 (16.4)	29.4 (12.0)	29.4 (11.9)	33.5 (13.5)
Urinary organs (C64-C68)	7.1 (2.8)	7.1 (2.9)	5.2 (2.1)	6.5 (2.6)
Eye, brain, and thyroid (C69-C75)	10.5 (4.1)	14.8 (6.0)	15.1 (6.1)	13.5 (5.4)
Hematopoietic (C81-C96)	15.2 (6.0)	15.5 (6.3)	16.1 (6.5)	15.6 (6.3)
Other and unspecified	9.8 (3.9)	10.3 (4.2)	13.0 (5.3)	11.1 (4.5)
All sites	255.3 (100.0)	244.8 (100.0)	246.4 (100.0)	248.8 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	10.8 (3.5)	9.7 (3.2)	9.8 (3.4)	10.1 (3.4)
Digestive organs (C15-C26)	51.3 (16.8)	55.4 (18.3)	52.7 (18.1)	53.1 (17.7)
Respiratory organs (C30-C39)	18.7 (6.1)	18.5 (6.1)	19.6 (6.7)	18.9 (6.3)
Bone, cartilage, and skin (C40-C44)	58.4 (19.1)	52.4 (17.4)	47.0 (16.1)	52.5 (17.5)
Urinary organs (C64-C68)	11.6 (3.8)	11.1 (3.7)	9.6 (3.3)	10.8 (3.6)
Eye, brain, and thyroid (C69-C75)	9.9 (3.2)	12.3 (4.1)	12.7 (4.4)	11.6 (3.9)
Hematopoietic (C81-C96)	17.6 (5.8)	17.2 (5.7)	17.3 (5.9)	17.4 (5.8)
Other and unspecified	11.2 (3.7)	12.4 (4.1)	14.1 (4.9)	12.6 (4.2)
All sites	306.0 (100.0)	301.9 (100.0)	291.0 (100.0)	299.6 (100.0)

BRAZIL, BELO HORIZONTE (2003-2005)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	480	2	.	0.4	2.0	0.3	0.3	1.3	0.4	5.7	16.0	32.5	50.7	63.3	69.2	87.9	79.6	98.1	14.5	17.7	2.06	94	6	5	C00-14
Oesophagus (C15)	251	0	.	.	.	.	.	0.3	0.4	0.8	8.2	20.0	25.0	27.1	35.2	54.5	59.7	56.6	7.6	9.5	1.16	88	12	9	C15
Stomach (C16)	486	0	.	.	.	.	0.6	1.3	2.2	3.4	10.0	15.7	27.7	52.4	77.2	89.4	154.7	220.7	14.7	18.8	2.17	82	17	4	C16
Colon (C18)	342	1	.	.	0.3	0.3	0.3	1.0	0.7	3.8	5.6	8.7	16.2	35.3	47.7	84.8	110.5	156.6	10.3	13.3	1.58	86	13		C18
Rectum (C19-20)	227	0	.	.	.	.	0.6	0.7	1.1	2.7	5.6	9.2	12.2	19.0	40.9	51.5	72.9	77.3	6.9	8.8	1.08	95	4		C19-20
Colorectal (C18-20)	569	1	.	.	0.3	0.3	0.9	1.7	1.8	6.5	11.3	17.9	28.4	54.2	88.5	136.3	183.4	233.9	17.2	22.1	2.66	89	9	2	C18-20
Anus (C21)	25	0	.	.	.	.	.	0.3	0.4	.	1.3	1.6	1.4	2.7	1.1	3.0	8.8	9.4	0.8	0.9	0.10	100	0	23	C21
Colon, rectum and anus (C18-21)	594	1	.	.	0.3	0.3	0.9	2.0	2.2	6.5	12.6	19.5	29.7	57.0	89.7	139.4	192.3	243.4	17.9	23.0	2.77	90	9		C18-21
Liver (C22)	156	0	.	.	.	0.6	0.9	0.3	1.5	1.1	3.0	6.5	15.5	13.6	29.5	33.3	33.1	43.4	4.7	5.9	0.70	59	37	13	C22
Gallbladder (C23-24)	55	0	.	.	.	.	.	.	.	.	0.4	2.2	2.7	5.4	2.3	15.1	19.9	35.8	1.7	2.2	0.24	64	33	19	C23-24
Pancreas (C25)	155	0	.	.	0.3	.	.	0.3	0.4	0.8	3.0	5.4	4.1	14.5	18.2	39.4	50.8	86.8	4.7	6.1	0.69	44	48	12	C25
Nose, sinuses (C30-31)	19	0	.	.	.	.	.	.	.	0.4	0.9	1.1	2.0	0.9	4.5	1.5	.	9.4	0.6	0.7	0.06	100	0	24	C30-31
Larynx (C32)	246	0	.	.	.	.	.	0.3	0.4	0.4	4.8	10.8	23.0	28.9	49.9	53.0	75.1	62.3	7.4	9.6	1.23	91	8	8	C32
Lung, trachea and bronchus (C33-34)	557	1	.	.	.	.	.	0.7	1.8	1.9	6.1	10.3	35.2	66.9	78.3	133.3	196.7	262.2	16.8	22.0	2.66	71	28	3	C33-34
Melanoma of skin (C43)	94	0	.	.	0.3	0.3	0.6	0.3	2.2	3.0	1.7	3.2	8.1	6.3	10.2	16.7	13.3	37.7	2.8	3.3	0.33	95	5	16	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	.	.	0.7	0.9	.	.	.	1.9	0.1	0.1	0.01	100	0	27	C45
Kaposi sarcoma (C46)	15	0	.	.	.	.	0.9	.	1.5	1.5	1.3	.	.	.	.	.	.	1.9	0.5	0.4	0.03	93	7	25	C46
Breast (C50)	9	0	.	.	.	.	.	.	1.1	.	0.4	.	0.7	.	1.1	.	6.6	5.7	0.3	0.4	0.04	89	0	26	C50
Penis (C60)	24	0	.	.	.	.	.	.	.	.	0.4	1.1	1.4	3.6	3.4	4.5	6.6	11.3	0.7	0.9	0.11	92	8	22	C60
Prostate (C61)	3289	4	.	.	.	.	.	.	.	1.9	6.1	42.7	121.7	330.0	562.9	980.2	1398.8	1633.7	99.4	135.1	17.24	94	5	1	C61
Testis (C62)	63	0	0.7	.	.	2.4	2.9	5.0	2.2	2.3	4.3	0.5	2.7	0.9	.	.	.	.	1.9	1.7	0.12	95	3	21	C62
Kidney (C64)	147	0	1.4	0.4	0.7	.	.	.	1.8	1.5	2.2	6.5	10.8	18.1	25.0	30.3	26.5	45.3	4.4	5.6	0.63	86	12	15	C64
Bladder (C67)	273	1	0.4	.	.	.	0.9	0.3	0.7	0.4	2.2	6.0	12.8	22.6	40.9	62.1	103.9	150.9	8.2	10.9	1.27	95	4	7	C67
Brain, CNS (C70-72)	174	0	2.5	1.8	1.0	1.8	1.7	2.7	5.1	7.6	4.3	8.1	9.5	14.5	13.6	15.1	17.7	37.7	5.3	5.7	0.53	75	24	14	C70-72
Thyroid (C73)	69	0	.	.	0.3	.	0.9	2.0	2.9	1.1	3.0	4.9	0.7	4.5	5.7	13.6	13.3	11.3	2.1	2.3	0.26	97	1	18	C73
Hodgkin disease (C81)	61	0	.	1.4	2.0	1.8	2.3	1.7	1.5	0.4	2.6	2.7	3.4	0.9	1.1	6.1	2.2	7.5	1.8	1.9	0.15	85	15	20	C81
Non-Hodgkin lymphoma (C82-85; C96)	234	0	1.4	1.1	1.3	1.8	0.3	1.7	4.4	4.2	6.1	13.5	16.9	24.4	31.8	33.3	37.6	56.6	7.1	8.4	0.90	87	12	10	C82-85; C96
Multiple myeloma (C88-C90)	85	0	.	.	.	0.3	.	.	.	0.4	2.2	3.8	2.7	10.8	12.5	16.7	30.9	35.8	2.6	3.3	0.40	64	32	17	C88-C90
Lymphoid leukaemia (C91)	77	0	2.1	2.2	1.7	1.8	0.3	0.7	1.1	0.4	0.9	1.6	3.4	0.9	4.5	4.5	17.7	39.6	2.3	2.8	0.22	70	30		C91
Myeloid leukaemia (C92-94)	81	0	1.1	1.1	1.3	0.3	0.6	1.3	0.4	0.4	1.7	4.3	4.1	7.2	10.2	13.6	19.9	17.0	2.4	3.0	0.34	70	28		C92-94
Leukaemia unspecified (C95)	17	0	.	.	.	0.3	0.3	.	0.7	.	0.4	.	0.7	0.9	1.1	.	6.6	11.3	0.5	0.6	0.06	18	82		C95
Leukaemia (C91-95)	175	0	3.2	3.3	3.0	2.4	1.1	2.0	2.2	0.8	3.0	6.0	8.1	9.0	15.9	18.2	44.2	67.9	5.3	6.3	0.61	65	34	11	C91-95
Other and unspecified (O&U)	346	1	0.4	0.7	0.3	0.3	1.4	0.3	2.2	4.6	4.8	11.9	17.6	27.1	42.0	72.7	128.2	158.5	10.5	13.3	1.58	67	26	6	O&U
All sites but C44 (ALLbC44)	8257	10	14.5	10.8	14.7	13.8	17.4	24.9	37.4	57.4	114.3	244.0	438.7	813.7	1243.9	1946.7	2735.7	3422.2	249.5	322.1	38.69	86	12		ALLbC44
All sites (ALL)	9815	20	14.5	10.8	14.7	15.0	18.8	28.2	46.9	69.9	138.1	295.4	517.2	936.6	1432.3	2252.7	3217.5	4331.5	296.5	382.2	45.14	89	10		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, BELO HORIZONTE (2003-2005)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	170	0	0.4	.	.	0.6	1.1	1.2	2.0	1.3	3.7	7.6	7.7	13.9	12.0	23.6	20.6	36.0	4.6	4.4	0.48	96	4	13	C00-14
Oesophagus (C15)	101	0	.	.	.	.	.	.	0.3	0.7	1.9	2.2	5.5	4.4	11.2	12.9	11.0	37.0	2.7	2.5	0.25	79	21	21	C15
Stomach (C16)	338	0	.	.	.	.	0.8	0.6	1.7	3.3	8.9	7.6	9.4	16.0	27.5	49.3	65.8	106.2	9.1	8.5	0.95	84	16	5	C16
Colon (C18)	471	2	.	.	.	.	0.5	1.2	2.3	5.3	7.0	11.6	19.3	29.9	43.0	57.8	72.7	153.6	12.7	11.9	1.26	87	12		C18
Rectum (C19-20)	284	1	.	.	.	0.3	0.3	1.2	2.0	3.0	4.4	9.8	13.2	22.6	25.8	38.6	52.1	65.4	7.7	7.4	0.87	94	5		C19-20
Colorectal (C18-20)	755	3	.	.	0.3	0.3	0.8	2.5	4.3	8.3	11.5	21.4	32.5	52.5	68.8	96.4	124.8	219.0	20.4	19.3	2.13	89	9	2	C18-20
Anus (C21)	53	0	.	.	.	.	.	0.3	.	.	1.5	1.8	1.7	2.2	8.6	7.5	5.5	16.1	1.4	1.4	0.15	100	0	23	C21
Colon, rectum and anus (C18-21)	808	3	.	.	0.3	0.3	0.8	2.8	4.3	8.3	13.0	23.2	34.2	54.7	77.4	103.9	130.3	235.1	21.8	20.7	2.27	90	9		C18-21
Liver (C22)	102	0	0.4	.	.	.	0.3	0.3	1.7	0.7	.	1.3	2.2	7.3	8.6	16.1	17.8	35.1	2.8	2.6	0.28	45	52	20	C22
Gallbladder (C23-24)	149	0	.	.	.	.	.	.	0.3	0.7	1.5	4.0	5.0	8.0	13.8	22.5	32.9	49.3	4.0	3.8	0.44	67	31	15	C23-24
Pancreas (C25)	164	0	.	.	.	.	.	0.3	.	0.7	1.1	3.1	2.8	8.8	8.6	32.1	32.9	66.3	4.4	4.1	0.45	41	48	14	C25
Nose, sinuses (C30-31)	13	0	.	.	0.3	.	.	.	0.3	0.3	0.4	.	.	1.5	.	1.1	2.7	3.8	0.4	0.3	0.03	92	8	25	C30-31
Larynx (C32)	37	0	.	.	.	.	.	0.6	.	.	1.1	0.9	2.8	2.9	2.6	5.4	8.2	6.6	1.0	1.0	0.12	92	5	24	C32
Lung, trachea and bronchus (C33-34)	293	2	.	.	0.3	0.3	0.3	0.6	1.3	2.3	5.2	7.6	10.5	33.5	27.5	37.5	48.0	73.9	7.9	7.7	0.88	71	25	7	C33-34
Melanoma of skin (C43)	114	0	.	.	.	0.8	0.8	1.2	2.3	1.0	3.7	3.1	3.9	6.6	9.5	8.6	15.1	32.2	3.1	2.8	0.28	90	9	18	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	0.7	.	.	.	0.9	0.1	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	.	.	.	.	.	0.4	.	.	.	.	2.7	.	0.1	0.1	0.02	100	0	26	C46
Breast (C50)	2544	2	.	.	0.3	1.9	1.9	5.6	23.1	43.3	91.2	147.4	188.5	229.0	215.0	262.4	255.1	382.0	68.8	66.8	7.32	92	7	1	C50
Cervix uteri (C53)	609	1	.	.	.	1.6	1.6	5.0	5.9	14.7	22.6	34.0	41.3	43.8	61.9	60.0	72.7	67.3	16.5	16.1	1.82	97	3	3	C53
Corpus uteri (C54)	255	0	.	.	.	0.3	0.3	.	1.0	1.0	3.3	5.8	10.5	26.3	33.5	48.2	49.4	48.3	6.9	7.0	0.90	97	3	9	C54
Ovary (C56)	276	0	.	0.4	0.3	1.7	0.5	0.9	2.6	3.0	8.2	13.0	18.2	23.3	29.2	27.8	45.3	35.1	7.5	7.4	0.87	82	17	8	C56
Kidney (C64)	124	1	0.7	.	.	0.3	.	.	0.7	0.3	3.3	5.4	6.6	13.1	12.0	18.2	9.6	26.5	3.4	3.3	0.35	83	15	16	C64
Bladder (C67)	115	0	.	.	.	.	.	.	1.0	1.3	0.7	0.9	5.5	3.6	6.0	21.4	19.2	45.5	3.1	2.8	0.30	90	9	17	C67
Brain, CNS (C70-72)	173	1	1.5	1.8	2.4	1.1	1.9	3.1	3.3	2.0	2.2	4.5	9.4	8.8	12.0	16.1	30.2	21.8	4.7	4.6	0.50	68	30	12	C70-72
Thyroid (C73)	307	0	.	.	0.7	2.0	1.9	7.1	8.6	10.7	11.9	17.9	23.7	18.2	24.1	8.6	21.9	17.1	8.3	7.8	0.79	99	1	6	C73
Hodgkin disease (C81)	73	0	.	0.4	1.7	1.4	3.5	2.5	3.0	1.7	2.2	0.9	1.7	2.2	0.9	4.3	2.7	5.7	2.0	1.8	0.14	92	8	22	C81
Non-Hodgkin lymphoma (C82-85; C96)	230	0	0.4	0.4	.	1.4	0.8	1.6	2.6	4.7	3.7	3.6	9.4	22.6	21.5	17.1	37.0	55.9	6.2	5.9	0.63	87	13	10	C82-85;C96
Multiple myeloma (C88-C90)	101	0	.	.	.	.	.	.	.	1.0	0.7	0.9	6.1	8.0	9.5	13.9	27.4	26.5	2.7	2.7	0.34	68	26	19	C88-C90
Lymphoid leukaemia (C91)	76	0	4.0	2.2	1.7	0.6	1.3	.	0.3	0.7	.	1.8	2.8	3.6	3.4	4.3	9.6	14.2	2.1	2.2	0.18	71	28		C91
Myeloid leukaemia (C92-94)	100	0	0.7	1.5	0.7	1.7	0.5	.	1.3	3.0	2.2	2.2	5.0	2.2	12.0	7.5	11.0	18.0	2.7	2.6	0.26	75	25		C92-94
Leukaemia unspecified (C95)	18	0	0.4	0.4	0.3	.	.	.	.	0.3	.	0.4	1.1	.	0.9	1.1	2.7	6.6	0.5	0.5	0.04	17	83		C95
Leukaemia (C91-95)	194	0	5.1	4.1	2.7	2.3	1.9	.	1.7	4.0	2.2	4.5	8.8	5.8	16.3	12.9	23.3	38.9	5.2	5.3	0.48	68	31	11	C91-95
Other and unspecified (O&U)	386	1	.	.	1.0	0.3	0.5	2.2	0.7	3.3	8.5	10.7	14.3	27.7	23.2	47.1	78.2	114.7	10.4	9.8	1.09	63	28	4	O&U
All sites but C44 (ALLbC44)	7984	11	10.2	8.5	11.1	13.8	21.0	38.8	71.7	114.5	207.6	315.0	444.3	609.7	687.0	908.1	1096.0	1632.2	215.9	207.8	22.82	86	13		ALLbC44
All sites (ALL)	9620	20	10.5	8.5	11.8	13.8	21.8	43.1	77.7	128.5	233.2	356.5	501.6	704.5	815.2	1112.6	1377.2	2206.6	260.1	248.8	27.14	88	11		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

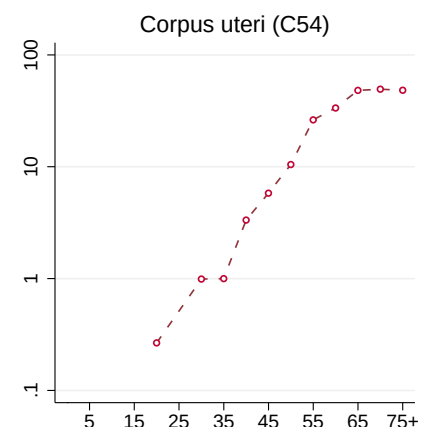
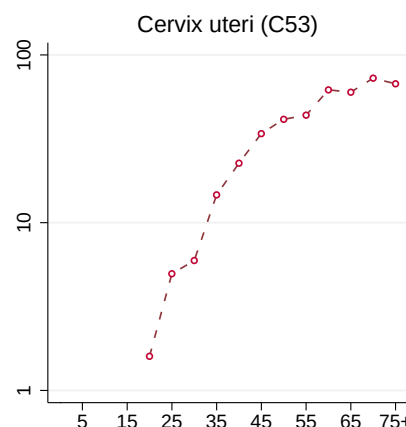
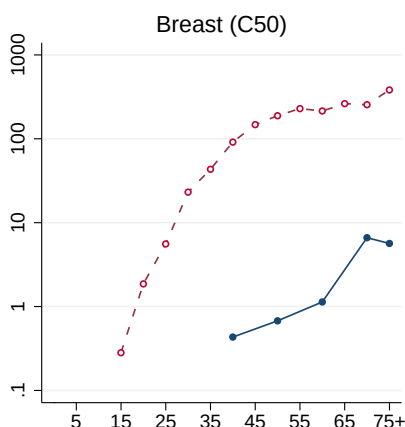
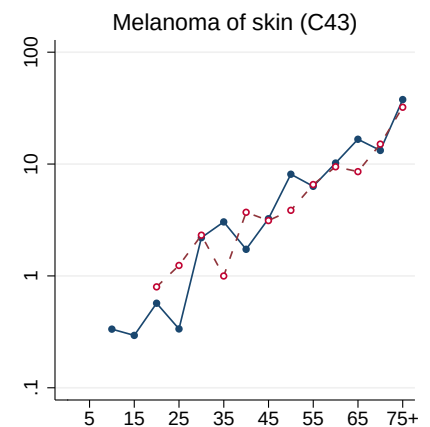
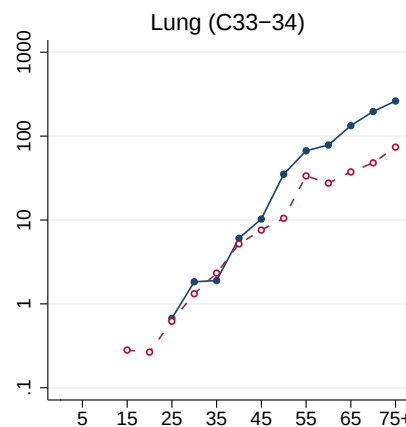
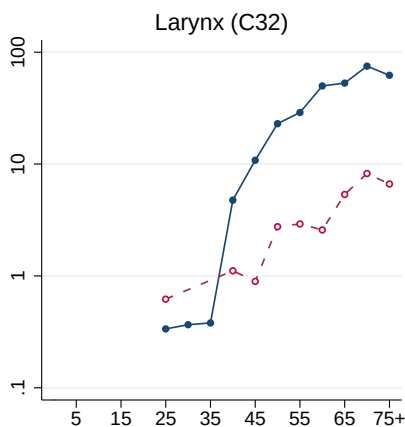
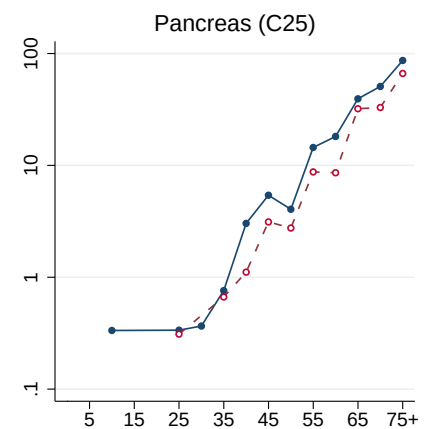
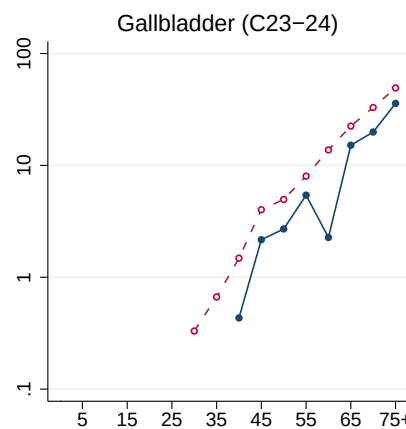
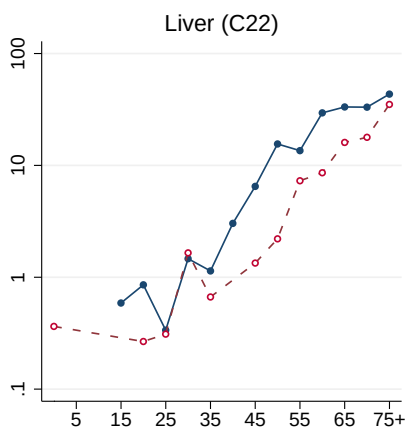
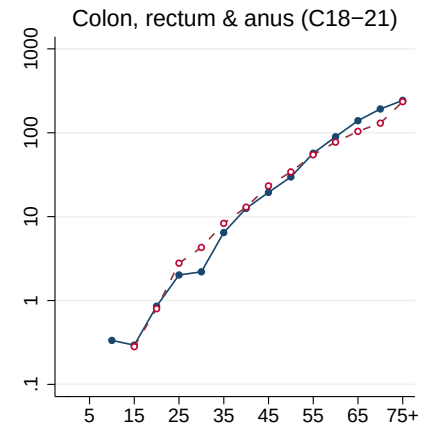
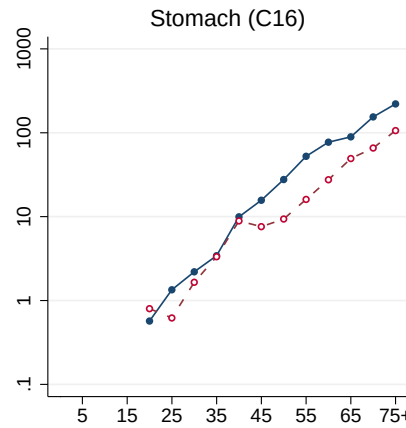
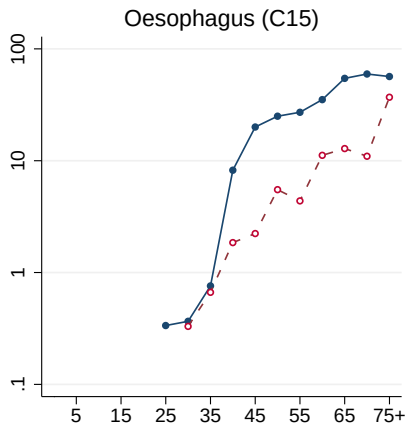
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

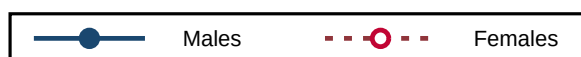
BRAZIL, BELO HORIZONTE (2003–2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

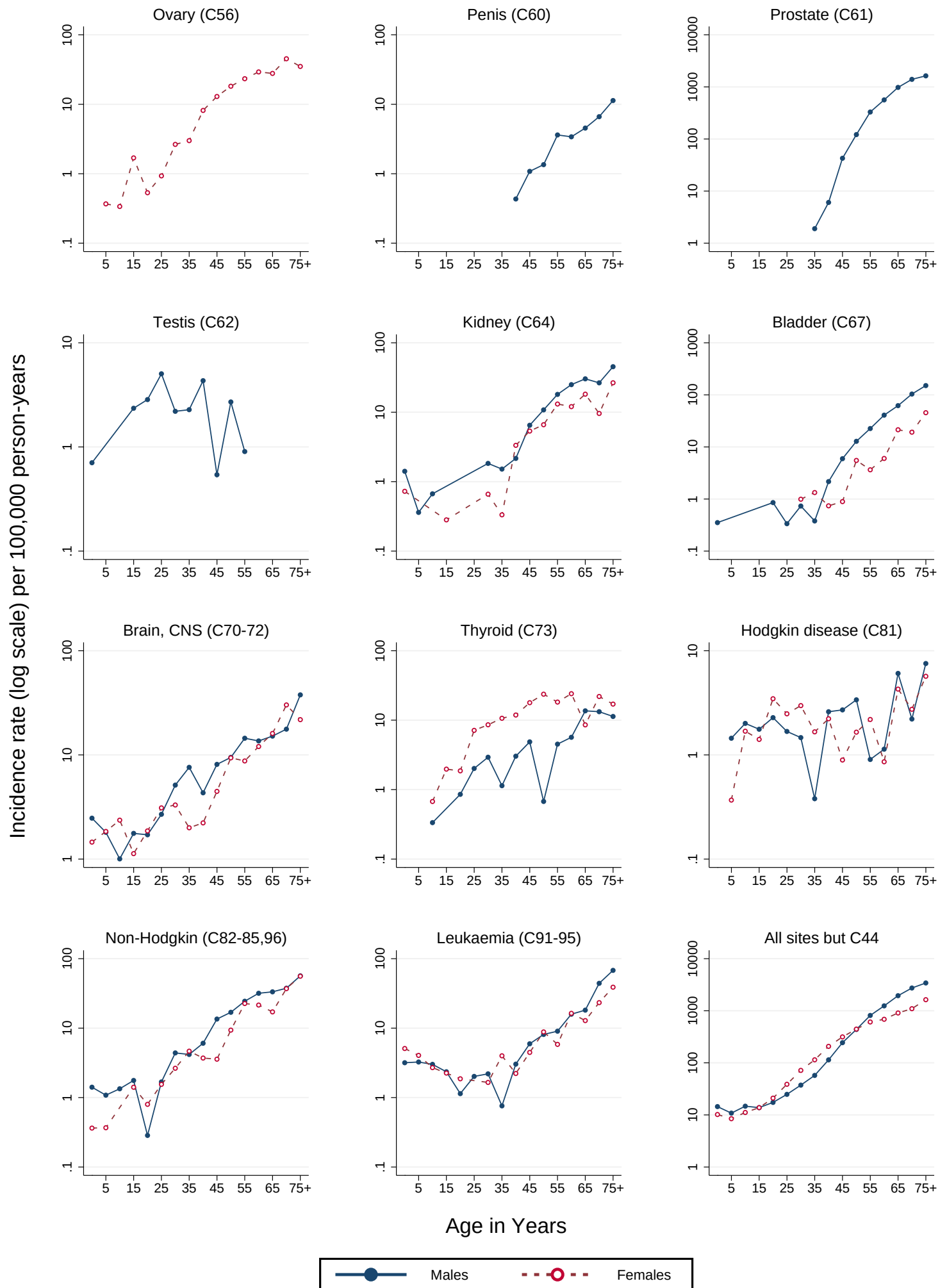


Age in Years



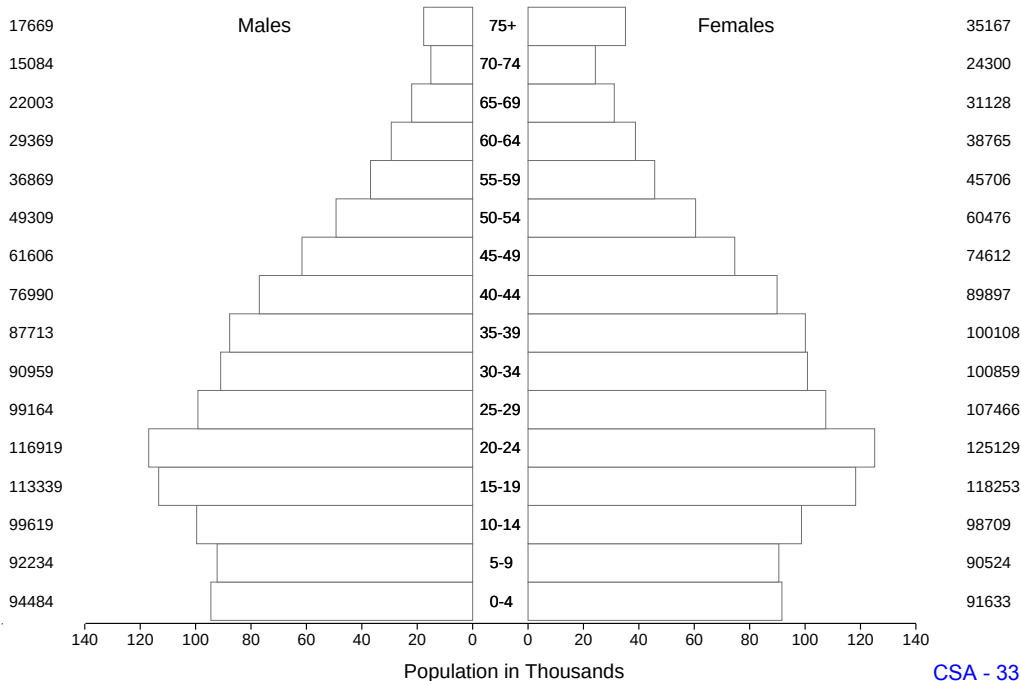
BRAZIL, BELO HORIZONTE (2003-2005)

Age-specific incidence rates per 100,000 person-years



BRAZIL, BELO HORIZONTE (2003-2005)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, CAMPINAS (1991-1995)

Registry Director*: Dr Nazira Mahayri

Registry Staff*: Sônia Perrira Ramos Duarte, Djalma de Carvalho Moreira Filho

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, CAMPINAS (1991-1995)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1991 n (%)	1992 n (%)	1993 n (%)	1994 n (%)	1995 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	58 (9.0)	51 (7.3)	56 (9.8)	41 (7.9)	40 (6.5)	246 (8.1)
Digestive organs (C15-C26)	175 (27.1)	187 (26.8)	148 (25.8)	141 (27.1)	168 (27.3)	819 (26.8)
Respiratory organs (C30-C39)	90 (13.9)	77 (11.0)	81 (14.1)	86 (16.5)	78 (12.7)	412 (13.5)
Bone, cartilage, and skin (C40-C44)	76 (11.8)	94 (13.5)	25 (4.4)	15 (2.9)	22 (3.6)	232 (7.6)
Breast (C50)	1 (0.2)	1 (0.1)	2 (0.3)	2 (0.4)	1 (0.2)	7 (0.2)
Male genitalia (C60-C63)	75 (11.6)	92 (13.2)	101 (17.6)	96 (18.5)	109 (17.7)	473 (15.5)
Urinary organs (C64-C68)	57 (8.8)	64 (9.2)	49 (8.6)	51 (9.8)	49 (8.0)	270 (8.8)
Eye, brain, and thyroid (C69-C75)	23 (3.6)	37 (5.3)	16 (2.8)	19 (3.7)	31 (5.0)	126 (4.1)
Hematopoietic (C81-C96)	56 (8.7)	56 (8.0)	53 (9.2)	36 (6.9)	61 (9.9)	262 (8.6)
Other and unspecified	35 (5.4)	38 (5.5)	42 (7.3)	33 (6.3)	57 (9.3)	205 (6.7)
All sites	646 (100.0)	697 (100.0)	573 (100.0)	520 (100.0)	616 (100.0)	3052 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	14 (2.1)	13 (1.8)	14 (2.4)	10 (1.7)	6 (0.9)	57 (1.8)
Digestive organs (C15-C26)	146 (21.5)	144 (20.4)	124 (21.2)	122 (20.4)	144 (22.0)	680 (21.1)
Respiratory organs (C30-C39)	23 (3.4)	26 (3.7)	27 (4.6)	17 (2.8)	24 (3.7)	117 (3.6)
Bone, cartilage, and skin (C40-C44)	80 (11.8)	73 (10.4)	25 (4.3)	14 (2.3)	13 (2.0)	205 (6.4)
Breast (C50)	167 (24.6)	163 (23.1)	148 (25.3)	183 (30.6)	223 (34.1)	884 (27.4)
Female genitalia (C51-C58)	129 (19.0)	136 (19.3)	125 (21.3)	136 (22.7)	128 (19.6)	654 (20.3)
Urinary organs (C64-C68)	21 (3.1)	25 (3.5)	17 (2.9)	23 (3.8)	13 (2.0)	99 (3.1)
Eye, brain, and thyroid (C69-C75)	20 (2.9)	26 (3.7)	25 (4.3)	29 (4.8)	24 (3.7)	124 (3.8)
Hematopoietic (C81-C96)	43 (6.3)	48 (6.8)	39 (6.7)	38 (6.3)	40 (6.1)	208 (6.5)
Other and unspecified	36 (5.3)	51 (7.2)	42 (7.2)	27 (4.5)	39 (6.0)	195 (6.1)
All sites	679 (100.0)	705 (100.0)	586 (100.0)	599 (100.0)	654 (100.0)	3223 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	72 (5.4)	64 (4.6)	70 (6.0)	51 (4.6)	46 (3.6)	303 (4.8)
Digestive organs (C15-C26)	321 (24.2)	331 (23.6)	272 (23.5)	263 (23.5)	312 (24.6)	1499 (23.9)
Respiratory organs (C30-C39)	113 (8.5)	103 (7.3)	108 (9.3)	103 (9.2)	102 (8.0)	529 (8.4)
Bone, cartilage, and skin (C40-C44)	156 (11.8)	167 (11.9)	50 (4.3)	29 (2.6)	35 (2.8)	437 (7.0)
Urinary organs (C64-C68)	78 (5.9)	89 (6.3)	66 (5.7)	74 (6.6)	62 (4.9)	369 (5.9)
Eye, brain, and thyroid (C69-C75)	43 (3.2)	63 (4.5)	41 (3.5)	48 (4.3)	55 (4.3)	250 (4.0)
Hematopoietic (C81-C96)	99 (7.5)	104 (7.4)	92 (7.9)	74 (6.6)	101 (8.0)	470 (7.5)
Other and unspecified	71 (5.4)	89 (6.3)	84 (7.2)	60 (5.4)	96 (7.6)	400 (6.4)
All sites	1325 (100.0)	1402 (100.0)	1159 (100.0)	1119 (100.0)	1270 (100.0)	6275 (100.0)

BRAZIL, CAMPINAS (1991-1995)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1991 ASR (%)	1992 ASR (%)	1993 ASR (%)	1994 ASR (%)	1995 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	18.2 (8.4)	15.6 (6.9)	18.1 (10.0)	11.9 (7.4)	11.3 (6.2)	14.9 (7.8)
Digestive organs (C15-C26)	59.8 (27.6)	61.7 (27.4)	48.4 (26.7)	43.9 (27.3)	49.4 (27.2)	52.5 (27.3)
Respiratory organs (C30-C39)	31.2 (14.4)	26.6 (11.8)	25.8 (14.2)	27.4 (17.0)	24.2 (13.3)	26.9 (14.0)
Bone, cartilage, and skin (C40-C44)	25.1 (11.6)	29.4 (13.1)	7.5 (4.1)	4.3 (2.7)	5.7 (3.2)	14.0 (7.3)
Breast (C50)	0.3 (0.2)	0.3 (0.1)	0.7 (0.4)	0.6 (0.3)	0.3 (0.2)	0.5 (0.2)
Male genitalia (C60-C63)	26.4 (12.2)	31.8 (14.1)	33.4 (18.4)	30.7 (19.1)	33.4 (18.4)	31.3 (16.2)
Urinary organs (C64-C68)	20.2 (9.3)	21.3 (9.5)	16.0 (8.8)	16.3 (10.2)	15.6 (8.6)	17.8 (9.2)
Eye, brain, and thyroid (C69-C75)	6.4 (3.0)	11.1 (4.9)	4.8 (2.6)	5.5 (3.4)	8.1 (4.4)	7.1 (3.7)
Hematopoietic (C81-C96)	18.0 (8.3)	15.8 (7.0)	14.0 (7.7)	10.3 (6.4)	16.6 (9.1)	14.9 (7.8)
Other and unspecified	10.9 (5.0)	11.5 (5.1)	12.9 (7.1)	9.8 (6.1)	16.9 (9.3)	12.4 (6.5)
All sites	216.6 (100.0)	225.2 (100.0)	181.6 (100.0)	160.6 (100.0)	181.5 (100.0)	192.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3.8 (2.1)	3.4 (1.9)	3.8 (2.6)	2.4 (1.7)	1.4 (0.9)	2.9 (1.8)
Digestive organs (C15-C26)	39.4 (21.6)	36.9 (20.8)	30.3 (21.2)	29.1 (20.2)	33.6 (22.1)	33.8 (21.2)
Respiratory organs (C30-C39)	6.0 (3.3)	6.7 (3.8)	7.0 (4.9)	4.0 (2.8)	5.7 (3.8)	5.9 (3.7)
Bone, cartilage, and skin (C40-C44)	20.8 (11.4)	17.1 (9.6)	5.8 (4.0)	3.2 (2.2)	2.9 (1.9)	9.6 (6.0)
Breast (C50)	45.3 (24.9)	41.4 (23.3)	36.1 (25.2)	43.9 (30.5)	51.7 (34.1)	43.9 (27.6)
Female genitalia (C51-C58)	35.2 (19.3)	34.1 (19.2)	30.8 (21.5)	32.7 (22.8)	30.3 (20.0)	32.6 (20.5)
Urinary organs (C64-C68)	5.9 (3.2)	6.8 (3.8)	3.9 (2.8)	5.4 (3.7)	2.8 (1.9)	4.9 (3.1)
Eye, brain, and thyroid (C69-C75)	5.2 (2.9)	6.7 (3.8)	5.8 (4.1)	6.7 (4.6)	5.2 (3.4)	5.9 (3.7)
Hematopoietic (C81-C96)	10.8 (5.9)	12.0 (6.8)	9.3 (6.5)	9.7 (6.7)	9.4 (6.2)	10.2 (6.4)
Other and unspecified	9.7 (5.3)	12.2 (6.9)	10.3 (7.2)	6.6 (4.6)	8.7 (5.7)	9.5 (6.0)
All sites	182.2 (100.0)	177.5 (100.0)	143.3 (100.0)	143.9 (100.0)	151.8 (100.0)	159.2 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	10.6 (5.4)	9.1 (4.6)	10.3 (6.5)	6.8 (4.6)	5.8 (3.6)	8.5 (4.9)
Digestive organs (C15-C26)	48.5 (24.7)	47.9 (24.3)	38.1 (24.0)	35.6 (23.8)	40.6 (24.9)	42.0 (24.4)
Respiratory organs (C30-C39)	17.3 (8.8)	15.5 (7.9)	15.6 (9.8)	14.3 (9.5)	13.9 (8.5)	15.2 (8.8)
Bone, cartilage, and skin (C40-C44)	22.5 (11.5)	22.7 (11.5)	6.5 (4.1)	3.7 (2.5)	4.3 (2.6)	11.6 (6.7)
Urinary organs (C64-C68)	12.2 (6.2)	13.1 (6.6)	9.2 (5.8)	10.2 (6.9)	8.3 (5.1)	10.5 (6.1)
Eye, brain, and thyroid (C69-C75)	5.7 (2.9)	8.7 (4.4)	5.3 (3.3)	6.1 (4.1)	6.5 (3.9)	6.5 (3.7)
Hematopoietic (C81-C96)	14.1 (7.2)	14.0 (7.1)	11.7 (7.4)	10.0 (6.7)	12.6 (7.7)	12.4 (7.2)
Other and unspecified	10.3 (5.2)	11.8 (6.0)	11.4 (7.2)	7.9 (5.3)	12.3 (7.6)	10.7 (6.2)
All sites	196.2 (100.0)	197.5 (100.0)	158.8 (100.0)	149.4 (100.0)	163.3 (100.0)	172.4 (100.0)

BRAZIL, CAMPINAS (1991-1995)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	246	0	.	.	1.5	0.5	.	0.5	0.5	5.9	15.7	30.6	31.0	56.1	67.1	84.5	78.0	49.1	11.5	14.9	1.86	93	3	5	C00-14
Oesophagus (C15)	108	0	.	.	.	.	.	.	0.5	3.0	3.6	14.8	9.2	31.6	30.0	38.6	26.0	36.0	5.1	6.6	0.79	86	6	10	C15
Stomach (C16)	328	0	.	.	.	.	.	0.5	2.6	4.7	6.4	18.5	31.0	44.6	100.7	123.2	167.2	242.2	15.4	21.2	2.50	88	5	2	C16
Colon (C18)	176	0	.	.	.	.	1.0	0.5	0.5	1.8	5.0	11.1	13.8	30.2	44.2	74.9	70.6	137.5	8.3	11.3	1.27	91	1		C18
Rectum (C19-20)	80	0	.	.	.	.	.	.	1.1	.	2.1	4.6	8.0	14.4	17.7	29.0	29.7	75.3	3.8	5.1	0.53	99	0		C19-20
Colorectal (C18-20)	256	0	.	.	.	.	1.0	0.5	1.6	1.8	7.1	15.7	21.8	44.6	61.8	103.9	100.3	212.8	12.0	16.4	1.80	94	1	4	C18-20
Anus (C21)	28	0	.	.	.	.	1.0	.	.	0.6	.	0.9	4.6	1.4	7.1	16.9	11.1	16.4	1.3	1.8	0.22	93	0	16	C21
Colon, rectum and anus (C18-21)	284	0	.	.	.	.	1.9	0.5	1.6	2.4	7.1	16.7	26.4	46.0	68.9	120.8	111.5	229.1	13.3	18.2	2.02	94	1		C18-21
Liver (C22)	23	0	0.5	0.5	.	.	.	.	.	.	1.4	0.9	.	4.3	10.6	7.2	18.6	3.3	1.1	1.5	0.22	74	9	17	C22
Gallbladder (C23-24)	15	0	.	.	.	.	.	.	.	.	.	.	.	4.3	3.5	2.4	22.3	9.8	0.7	1.0	0.16	47	20	22	C23-24
Pancreas (C25)	53	2	.	.	.	.	.	.	0.5	1.8	0.7	4.6	6.9	5.8	19.4	9.7	33.4	22.9	2.5	3.4	0.43	55	8	14	C25
Nose, sinuses (C30-31)	6	0	.	.	.	.	.	0.5	.	.	0.7	0.9	.	1.4	1.8	.	.	3.3	0.3	0.3	0.03	83	0	26	C30-31
Larynx (C32)	112	1	.	.	.	.	.	.	.	.	1.4	13.0	14.9	17.3	35.3	45.9	85.5	26.2	5.3	7.4	1.08	91	3	9	C32
Lung, trachea and bronchus (C33-34)	289	0	.	.	.	.	.	.	1.6	1.8	5.7	10.2	29.8	53.2	97.1	113.5	185.8	160.4	13.6	19.0	2.49	75	6	3	C33-34
Melanoma of skin (C43)	72	2	.	.	0.5	0.5	1.5	1.5	1.6	2.4	5.7	6.5	6.9	8.6	12.4	16.9	18.6	29.5	3.4	4.1	0.43	97	0	13	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	0.6	.	0.9	.	.	.	2.4	.	.	0.1	0.2	0.02	100	0	27	C45
Kaposi sarcoma (C46)	23	0	.	.	.	.	0.5	1.5	2.6	1.8	2.9	2.8	1.1	1.4	1.8	.	3.7	.	1.1	1.0	0.10	100	0	23	C46
Breast (C50)	7	0	.	.	.	.	.	.	.	.	.	.	3.4	.	.	.	7.4	6.5	0.3	0.5	0.05	100	0	25	C50
Penis (C60)	17	0	.	.	.	.	.	.	.	.	4.3	0.9	3.4	.	1.8	2.4	7.4	9.8	0.8	1.0	0.10	94	0	24	C60
Prostate (C61)	420	2	.	.	.	.	.	.	.	.	0.7	4.6	11.5	34.5	86.5	214.9	327.0	497.5	19.7	28.8	3.42	88	5	1	C61
Testis (C62)	36	1	0.5	.	.	1.9	4.9	4.0	2.6	1.8	1.4	0.9	1.1	.	.	.	.	.	1.7	1.4	0.10	97	3	18	C62
Kidney (C64)	51	0	1.6	.	.	.	.	.	.	.	2.1	0.9	5.7	11.5	28.3	19.3	14.9	9.8	2.4	3.3	0.42	96	0	15	C64
Bladder (C67)	201	1	0.5	.	.	.	.	1.0	.	1.8	3.6	2.8	20.6	20.1	65.3	77.3	107.8	183.3	9.4	13.3	1.51	96	1	6	C67
Brain, CNS (C70-72)	89	0	3.2	3.5	3.4	1.4	1.0	0.5	1.6	4.2	1.4	7.4	3.4	12.9	21.2	21.7	11.1	22.9	4.2	5.0	0.49	72	4	12	C70-72
Thyroid (C73)	20	0	.	.	.	.	0.5	0.5	2.1	1.2	.	2.8	.	1.4	8.8	2.4	3.7	3.3	0.9	1.1	0.12	90	10	21	C73
Hodgkin disease (C81)	24	0	1.1	0.5	1.0	0.9	1.0	2.0	.	0.6	1.4	0.9	4.6	.	3.5	2.4	.	.	1.1	1.2	0.10	96	0	19	C81
Non-Hodgkin lymphoma (C82-85; C96)	132	1	2.1	2.0	0.5	1.4	1.5	3.0	4.8	7.7	4.3	10.2	12.6	8.6	24.7	33.8	37.2	52.4	6.2	7.4	0.78	92	2	8	C82-85;C96
Multiple myeloma (C88-C90)	17	0	.	.	.	.	.	.	.	.	.	1.9	1.1	2.9	5.3	4.8	18.6	6.5	0.8	1.1	0.17	76	12	20	C88-C90
Lymphoid leukaemia (C91)	34	0	7.5	3.0	0.5	1.4	0.5	.	.	.	.	0.9	2.3	.	.	4.8	7.4	6.5	1.6	2.0	0.14	97	0		C91
Myeloid leukaemia (C92-94)	50	0	1.6	1.5	1.9	0.5	0.5	.	0.5	1.8	3.6	1.9	2.3	5.8	15.9	9.7	3.7	22.9	2.3	2.9	0.26	94	2		C92-94
Leukaemia unspecified (C95)	5	0	.	0.5	.	.	.	.	.	0.6	.	.	2.3	.	1.8	.	.	.	0.2	0.3	0.03	60	0		C95
Leukaemia (C91-95)	89	0	9.1	5.0	2.4	1.9	1.0	.	0.5	2.4	3.6	2.8	6.9	5.8	17.7	14.5	11.1	29.5	4.2	5.1	0.42	93	1	11	C91-95
Other and unspecified (O&U)	148	0	0.5	0.5	1.0	.	.	1.0	1.1	0.6	2.1	7.4	12.6	21.6	47.7	43.5	63.2	130.9	6.9	9.5	1.01	60	9	7	O&U
All sites but C44 (ALLbC44)	2908	11	20.9	14.9	13.6	11.7	15.6	17.4	25.4	47.4	79.3	167.6	253.4	401.1	778.9	1016.8	1393.5	1803.6	136.4	183.1	21.37	86	4		ALLbC44
All sites (ALL)	3052	21	20.9	14.9	14.6	11.7	17.5	17.4	26.5	48.0	82.2	173.1	264.8	411.2	821.3	1057.8	1441.8	1947.6	143.2	192.3	22.27	87	4		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, CAMPINAS (1991-1995)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	57	2	0.5	0.5	.	.	0.5	.	.	1.1	2.0	3.5	6.5	9.1	7.5	15.5	21.9	18.4	2.6	2.9	0.36	98	0	11	C00-14
Oesophagus (C15)	23	0	.	.	.	.	.	.	1.5	.	0.7	.	3.3	7.8	1.5	3.9	11.0	12.2	1.0	1.2	0.14	78	9	20	C15
Stomach (C16)	212	0	.	.	.	.	1.5	.	2.5	4.5	6.8	6.2	9.8	33.8	25.6	65.9	74.0	134.6	9.5	10.3	1.15	85	4	4	C16
Colon (C18)	204	0	.	.	.	0.5	0.5	1.0	3.0	3.4	4.8	15.8	18.5	24.7	28.6	60.1	63.0	110.1	9.2	10.1	1.12	89	4		C18
Rectum (C19-20)	87	1	.	.	.	.	.	0.5	1.0	2.8	3.4	7.0	9.8	9.1	10.5	34.9	21.9	32.6	3.9	4.4	0.51	94	2		C19-20
Colorectal (C18-20)	291	1	.	.	.	0.5	0.5	1.4	4.0	6.2	8.2	22.8	28.2	33.8	39.2	95.0	85.0	142.7	13.1	14.4	1.63	90	4	2	C18-20
Anus (C21)	29	0	.	.	.	.	.	.	0.5	.	2.0	0.9	3.3	5.2	7.5	3.9	5.5	16.3	1.3	1.4	0.14	93	3	18	C21
Colon, rectum and anus (C18-21)	320	1	.	.	.	0.5	0.5	1.4	4.5	6.2	10.2	23.7	31.5	39.0	46.7	98.9	90.4	159.0	14.4	15.9	1.77	91	4		C18-21
Liver (C22)	12	0	.	0.5	.	.	.	.	.	1.1	.	.	1.1	1.3	3.0	1.9	2.7	6.1	0.5	0.6	0.06	42	33	24	C22
Gallbladder (C23-24)	45	0	.	.	.	.	.	.	.	.	1.4	2.6	4.3	1.3	15.1	15.5	19.2	20.4	2.0	2.4	0.30	71	4	16	C23-24
Pancreas (C25)	51	0	.	.	.	.	0.5	.	.	0.6	.	2.6	3.3	5.2	10.5	25.2	11.0	30.6	2.3	2.6	0.29	55	10	14	C25
Nose, sinuses (C30-31)	9	0	.	.	.	.	.	.	.	.	.	0.9	.	3.9	.	1.9	2.7	6.1	0.4	0.4	0.05	100	0	25	C30-31
Larynx (C32)	15	0	.	.	.	.	.	.	.	.	0.7	0.9	.	2.6	7.5	5.8	8.2	.	0.7	0.8	0.13	87	0	23	C32
Lung, trachea and bronchus (C33-34)	91	0	.	.	.	0.5	0.5	1.4	1.0	1.1	4.1	7.0	7.6	7.8	21.1	17.5	32.9	40.8	4.1	4.5	0.51	70	3	8	C33-34
Melanoma of skin (C43)	74	2	.	.	.	.	1.0	1.9	4.5	1.7	4.8	0.9	7.6	5.2	6.0	19.4	24.7	24.5	3.3	3.4	0.40	97	1	9	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	0.6	.	.	.	.	.	.	.	.	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	.	0.5	.	.	.	.	.	.	.	.	2.0	0.1	0.1	0.00	100	0	26	C46
Breast (C50)	884	5	.	.	.	.	.	5.3	8.4	37.5	68.8	98.4	102.1	117.0	167.2	178.4	213.7	216.1	39.8	43.9	5.01	91	3	1	C50
Cervix uteri (C53)	294	0	.	.	.	.	0.5	5.3	12.4	11.2	17.7	29.9	42.3	44.2	40.7	62.1	41.1	61.2	13.2	14.2	1.54	91	3	3	C53
Corpus uteri (C54)	189	0	.	.	.	.	0.5	.	1.5	2.2	2.7	11.4	18.5	36.4	54.2	46.5	87.7	55.1	8.5	9.9	1.31	97	1	5	C54
Ovary (C56)	47	0	.	.	.	.	.	1.0	1.0	1.7	3.4	3.5	8.7	5.2	15.1	5.8	11.0	4.1	2.1	2.4	0.28	89	4	15	C56
Kidney (C64)	26	0	3.8	0.5	.	.	.	0.5	1.0	0.6	.	0.9	3.3	2.6	1.5	3.9	5.5	6.1	1.2	1.4	0.12	96	4	19	C64
Bladder (C67)	60	1	0.5	.	.	.	1.0	.	1.5	.	.	3.5	3.3	13.0	4.5	9.7	16.4	44.9	2.7	2.9	0.27	93	2	12	C67
Brain, CNS (C70-72)	57	0	2.7	.	1.5	.	1.0	0.5	2.5	1.7	2.7	3.5	6.5	7.8	9.0	7.8	8.2	10.2	2.6	2.8	0.28	77	7	13	C70-72
Thyroid (C73)	52	0	.	.	.	.	1.9	1.9	1.0	7.8	4.8	2.6	3.3	2.6	7.5	7.8	5.5	4.1	2.3	2.3	0.23	98	0	17	C73
Hodgkin disease (C81)	22	0	.	.	0.5	0.5	0.5	1.4	2.5	0.6	2.0	.	.	.	1.5	3.9	5.5	4.1	1.0	0.9	0.09	95	0	22	C81
Non-Hodgkin lymphoma (C82-85;C96)	105	0	2.7	1.5	2.0	1.4	1.0	0.5	1.5	.	2.0	2.6	7.6	6.5	22.6	23.3	38.4	51.0	4.7	5.3	0.57	97	0	7	C82-85;C96
Multiple myeloma (C88-C90)	19	0	.	.	.	.	.	.	1.0	0.6	0.7	.	1.1	2.6	3.0	5.8	11.0	6.1	0.9	0.9	0.13	84	0	21	C88-C90
Lymphoid leukaemia (C91)	24	0	2.2	2.0	0.5	0.5	0.5	0.5	0.5	.	0.7	.	.	.	1.5	1.9	2.7	14.3	1.1	1.2	0.07	96	4		C91
Myeloid leukaemia (C92-94)	37	0	1.1	1.5	1.0	0.5	1.5	1.0	.	0.6	2.0	3.5	4.3	3.9	7.5	1.9	5.5	2.0	1.7	1.9	0.18	97	3		C92-94
Leukaemia unspecified (C95)	1	0	.	0.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	0	100		C95
Leukaemia (C91-95)	62	0	3.3	3.9	1.5	1.0	1.9	1.4	0.5	0.6	2.7	3.5	4.3	3.9	9.0	3.9	8.2	16.3	2.8	3.1	0.25	95	5	10	C91-95
Other and unspecified (O&U)	144	2	0.5	.	0.5	0.5	1.0	0.5	1.0	1.1	6.8	5.3	15.2	18.2	19.6	33.0	52.1	79.5	6.5	7.1	0.79	64	9	6	O&U
All sites but C44 (ALLbC44)	3103	14	21.3	8.9	8.1	8.2	14.5	25.8	52.7	89.0	153.2	220.5	317.1	400.4	539.2	696.2	865.9	1103.1	139.8	153.5	17.18	88	3		ALLbC44
All sites (ALL)	3223	28	21.3	9.4	8.1	9.6	15.0	26.3	52.7	90.7	157.2	222.3	323.6	410.8	551.2	717.5	907.0	1186.7	145.2	159.2	17.77	88	3		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

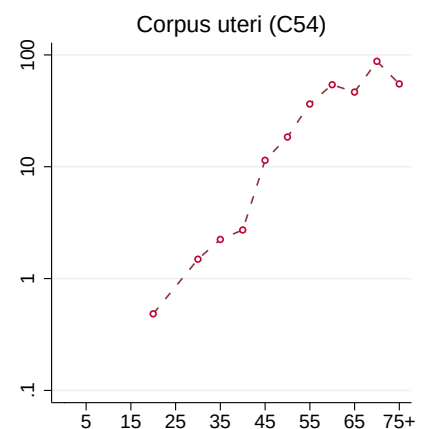
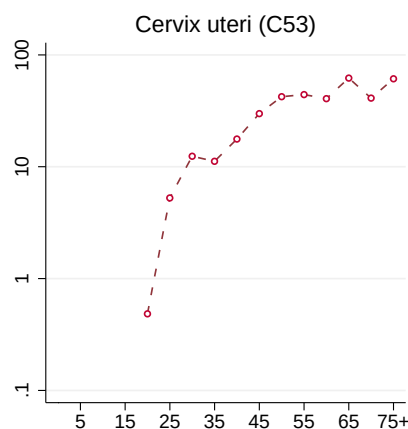
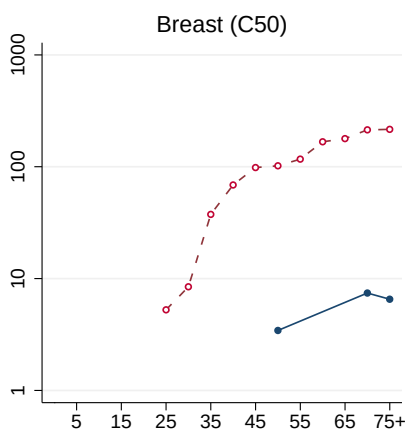
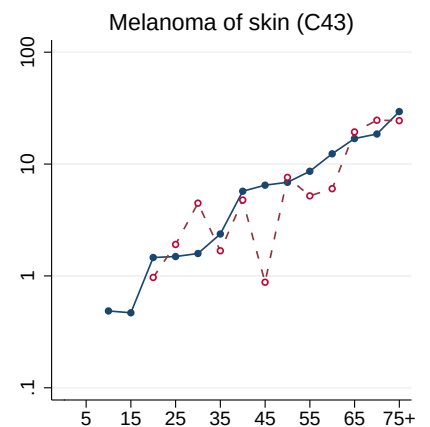
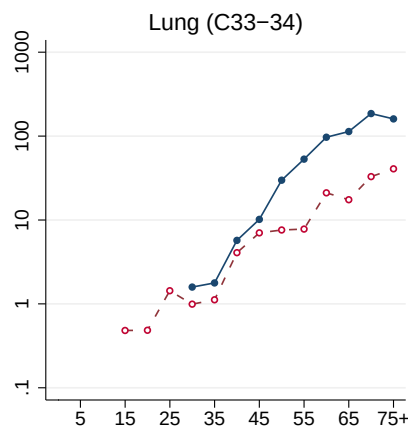
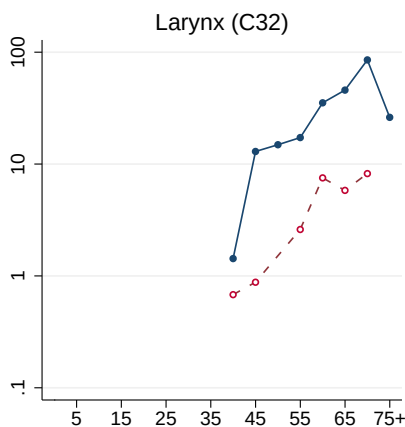
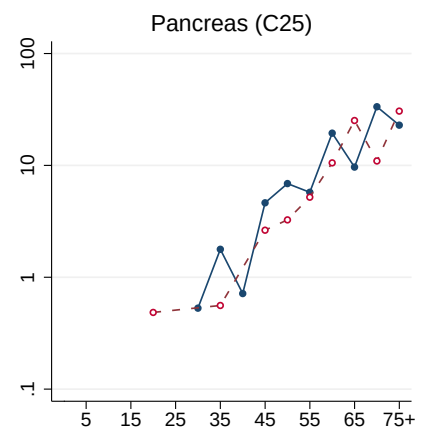
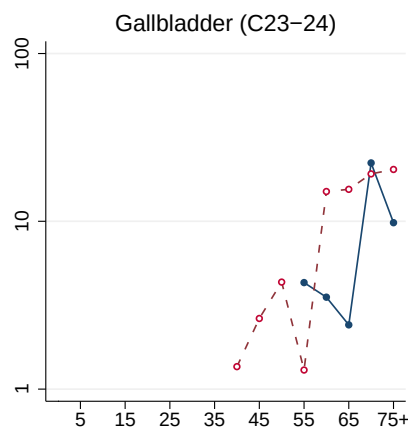
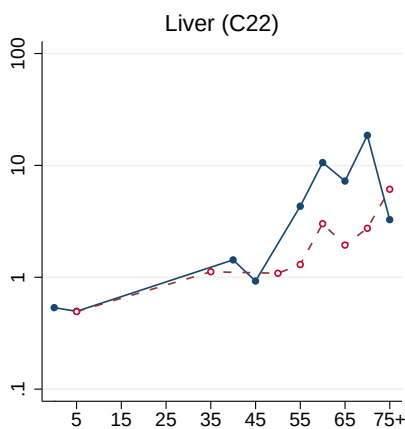
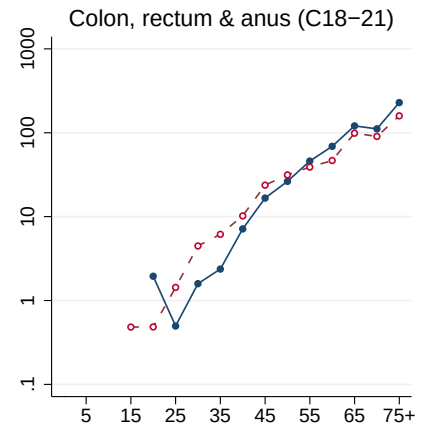
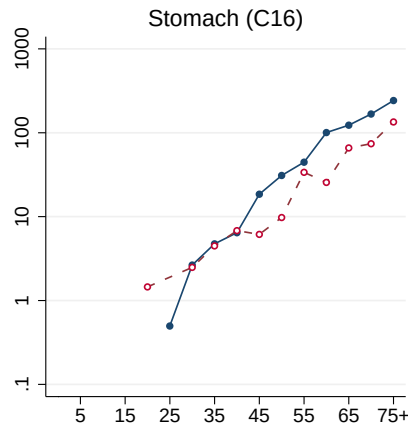
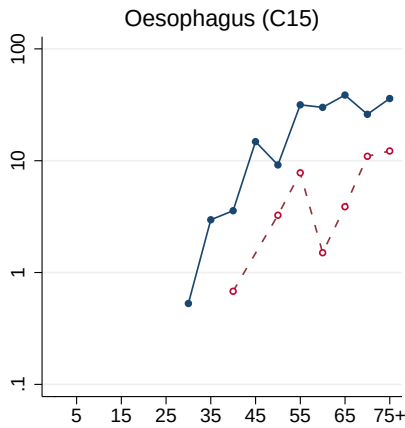
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

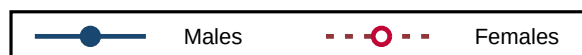
BRAZIL, CAMPINAS (1991–1995)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



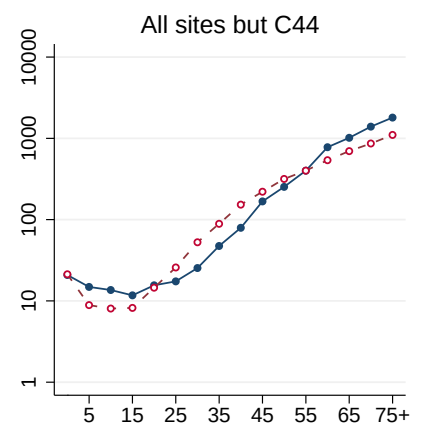
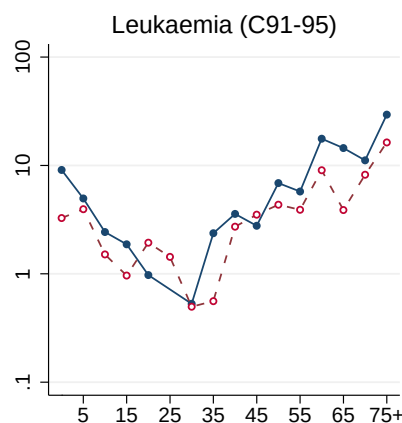
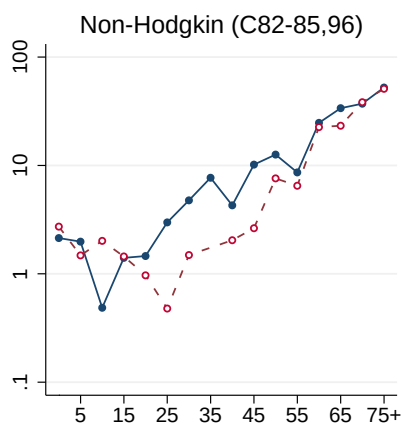
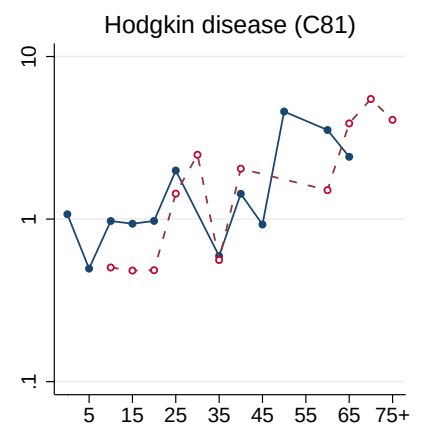
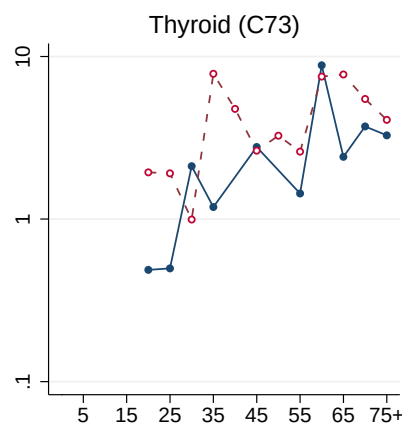
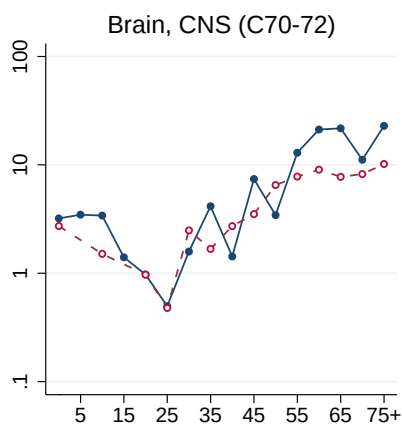
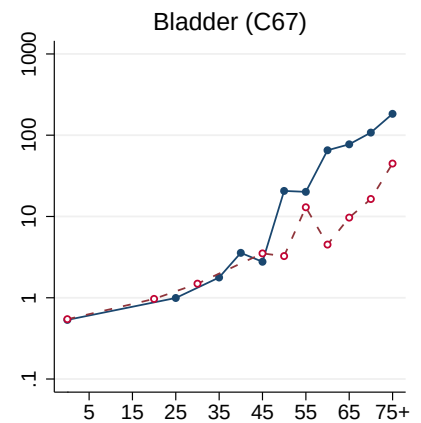
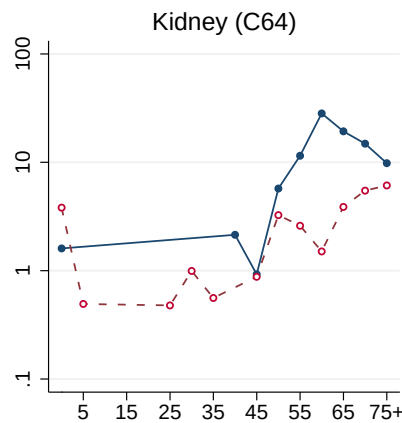
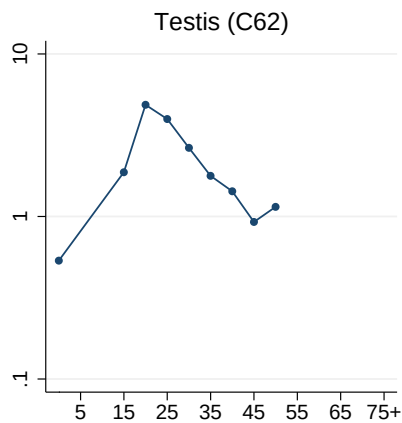
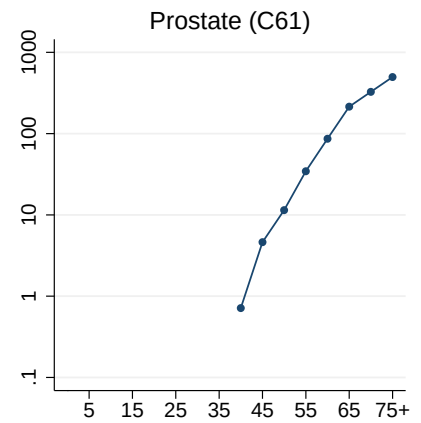
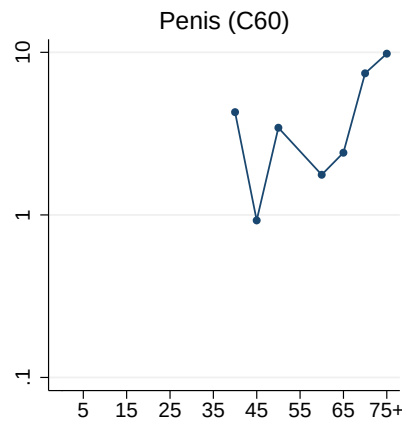
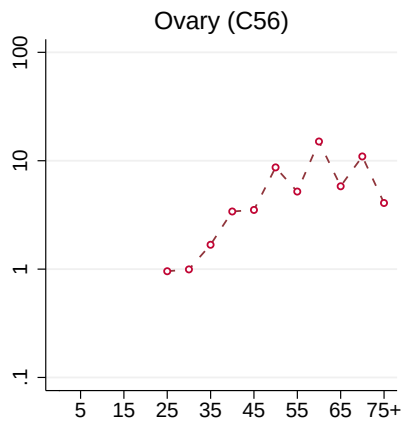
Age in Years



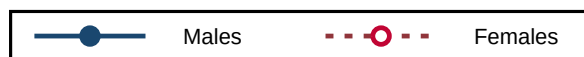
BRAZIL, CAMPINAS (1991-1995)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

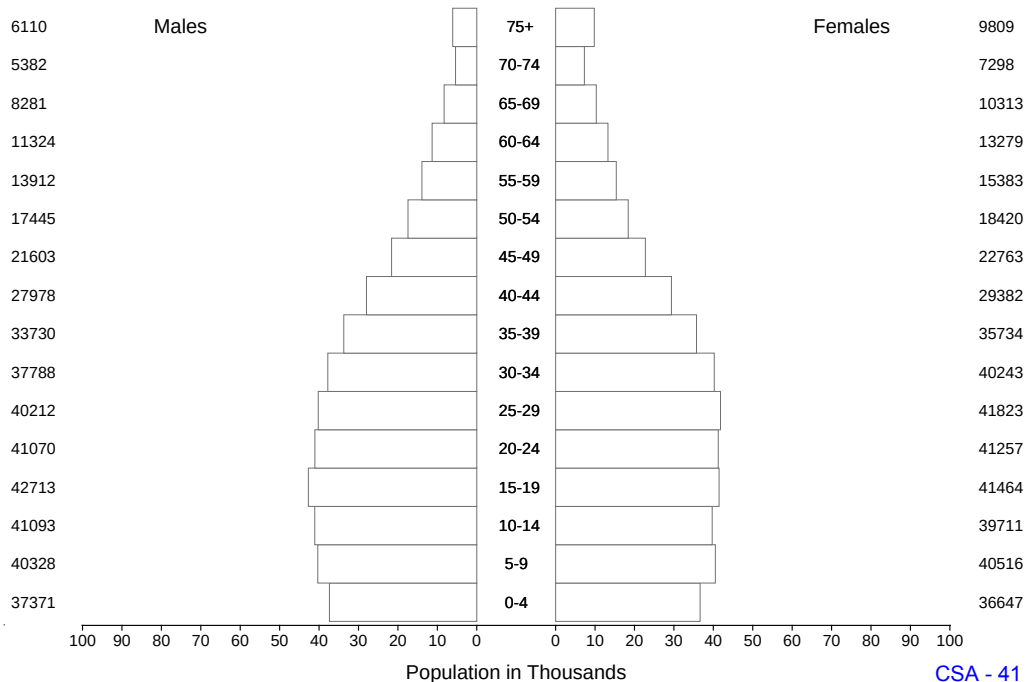


Age in Years



BRAZIL, CAMPINAS (1991-1995)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, CUIABA (2000-2006)

Registry Director*: Dr Maria Jose Lemes de Oliveira Sales

Registry Staff*: Marcia Cristina Claudiano, Paulo César Fernandes De Souza

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, CUIABA (2000-2002)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	2000 n (%)	2001 n (%)	2002 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	46 (6.1)	46 (6.7)	36 (7.2)	128 (6.6)
Digestive organs (C15-C26)	148 (19.7)	133 (19.3)	95 (18.9)	376 (19.4)
Respiratory organs (C30-C39)	86 (11.5)	68 (9.9)	57 (11.3)	211 (10.9)
Bone, cartilage, and skin (C40-C44)	179 (23.8)	179 (26.0)	94 (18.7)	452 (23.3)
Breast (C50)	0 (0.0)	0 (0.0)	1 (0.2)	1 (0.1)
Male genitalia (C60-C63)	136 (18.1)	153 (22.2)	131 (26.0)	420 (21.6)
Urinary organs (C64-C68)	20 (2.7)	18 (2.6)	16 (3.2)	54 (2.8)
Eye, brain, and thyroid (C69-C75)	24 (3.2)	20 (2.9)	24 (4.8)	68 (3.5)
Hematopoietic (C81-C96)	49 (6.5)	44 (6.4)	34 (6.8)	127 (6.5)
Other and unspecified	63 (8.4)	28 (4.1)	15 (3.0)	106 (5.5)
All sites	751 (100.0)	689 (100.0)	503 (100.0)	1943 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	19 (2.5)	10 (1.5)	10 (2.0)	39 (2.0)
Digestive organs (C15-C26)	92 (12.1)	91 (13.2)	70 (13.9)	253 (12.9)
Respiratory organs (C30-C39)	33 (4.3)	25 (3.6)	25 (5.0)	83 (4.2)
Bone, cartilage, and skin (C40-C44)	171 (22.5)	143 (20.8)	87 (17.2)	401 (20.5)
Breast (C50)	136 (17.9)	156 (22.6)	118 (23.4)	410 (21.0)
Female genitalia (C51-C58)	175 (23.0)	137 (19.9)	106 (21.0)	418 (21.4)
Urinary organs (C64-C68)	12 (1.6)	8 (1.2)	9 (1.8)	29 (1.5)
Eye, brain, and thyroid (C69-C75)	29 (3.8)	37 (5.4)	27 (5.3)	93 (4.8)
Hematopoietic (C81-C96)	29 (3.8)	36 (5.2)	33 (6.5)	98 (5.0)
Other and unspecified	64 (8.4)	46 (6.7)	20 (4.0)	130 (6.7)
All sites	760 (100.0)	689 (100.0)	505 (100.0)	1954 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	65 (4.3)	56 (4.1)	46 (4.6)	167 (4.3)
Digestive organs (C15-C26)	240 (15.9)	224 (16.3)	165 (16.4)	629 (16.1)
Respiratory organs (C30-C39)	119 (7.9)	93 (6.7)	82 (8.1)	294 (7.5)
Bone, cartilage, and skin (C40-C44)	350 (23.2)	322 (23.4)	181 (18.0)	853 (21.9)
Urinary organs (C64-C68)	32 (2.1)	26 (1.9)	25 (2.5)	83 (2.1)
Eye, brain, and thyroid (C69-C75)	53 (3.5)	57 (4.1)	51 (5.1)	161 (4.1)
Hematopoietic (C81-C96)	78 (5.2)	80 (5.8)	67 (6.6)	225 (5.8)
Other and unspecified	127 (8.4)	74 (5.4)	35 (3.5)	236 (6.1)
All sites	1511 (100.0)	1378 (100.0)	1008 (100.0)	3897 (100.0)

BRAZIL, CUIABA (2000-2002)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	2000 ASR (%)	2001 ASR (%)	2002 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	20.0 (5.5)	20.8 (6.2)	16.7 (6.7)	19.1 (6.1)
Digestive organs (C15-C26)	71.6 (19.7)	62.6 (18.7)	44.3 (17.8)	59.3 (18.8)
Respiratory organs (C30-C39)	43.2 (11.9)	33.8 (10.1)	29.4 (11.8)	35.4 (11.2)
Bone, cartilage, and skin (C40-C44)	84.9 (23.4)	85.0 (25.5)	48.1 (19.3)	72.5 (23.0)
Breast (C50)	0 (0.0)	0 (0.0)	0.3 (0.1)	0.1 (0.0)
Male genitalia (C60-C63)	78.7 (21.7)	85.1 (25.5)	72.5 (29.1)	78.7 (25.0)
Urinary organs (C64-C68)	9.9 (2.7)	8.7 (2.6)	8.0 (3.2)	8.8 (2.8)
Eye, brain, and thyroid (C69-C75)	8.7 (2.4)	9.0 (2.7)	10.1 (4.0)	9.2 (2.9)
Hematopoietic (C81-C96)	17.5 (4.8)	16.3 (4.9)	13.0 (5.2)	15.5 (4.9)
Other and unspecified	28.8 (7.9)	12.7 (3.8)	7.0 (2.8)	16.0 (5.1)
All sites	363.0 (100.0)	334.0 (100.0)	249.3 (100.0)	314.8 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	7.8 (2.5)	4.5 (1.7)	4.2 (2.2)	5.5 (2.1)
Digestive organs (C15-C26)	40.6 (13.2)	37.1 (13.9)	29.7 (15.4)	35.7 (14.0)
Respiratory organs (C30-C39)	14.8 (4.8)	11.0 (4.1)	10.8 (5.6)	12.2 (4.8)
Bone, cartilage, and skin (C40-C44)	71.1 (23.2)	58.8 (22.0)	34.4 (17.9)	54.5 (21.4)
Breast (C50)	51.8 (16.9)	56.6 (21.2)	42.3 (22.0)	50.2 (19.7)
Female genitalia (C51-C58)	70.0 (22.8)	51.8 (19.4)	38.3 (19.9)	53.1 (20.9)
Urinary organs (C64-C68)	5.3 (1.7)	3.4 (1.3)	4.0 (2.1)	4.2 (1.7)
Eye, brain, and thyroid (C69-C75)	10.2 (3.3)	13.5 (5.1)	9.8 (5.1)	11.2 (4.4)
Hematopoietic (C81-C96)	11.1 (3.6)	12.4 (4.6)	11.8 (6.1)	11.7 (4.6)
Other and unspecified	24.0 (7.8)	18.1 (6.8)	7.0 (3.6)	16.2 (6.4)
All sites	306.6 (100.0)	267.1 (100.0)	192.3 (100.0)	254.5 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	13.7 (4.1)	12.4 (4.2)	10.1 (4.6)	12.0 (4.3)
Digestive organs (C15-C26)	55.5 (16.7)	49.1 (16.5)	36.7 (16.8)	47.0 (16.7)
Respiratory organs (C30-C39)	28.1 (8.5)	21.9 (7.4)	19.3 (8.9)	23.1 (8.2)
Bone, cartilage, and skin (C40-C44)	77.6 (23.4)	71.1 (23.9)	41.0 (18.8)	63.0 (22.4)
Urinary organs (C64-C68)	7.5 (2.2)	5.9 (2.0)	5.9 (2.7)	6.4 (2.3)
Eye, brain, and thyroid (C69-C75)	9.4 (2.8)	11.3 (3.8)	9.8 (4.5)	10.2 (3.6)
Hematopoietic (C81-C96)	14.2 (4.3)	14.2 (4.8)	12.3 (5.7)	13.6 (4.8)
Other and unspecified	26.1 (7.9)	15.5 (5.2)	7.0 (3.2)	16.1 (5.7)
All sites	331.9 (100.0)	297.3 (100.0)	218.2 (100.0)	281.8 (100.0)

BRAZIL, CUIABA (2000-2002)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	128	2	.	.	0.9	0.8	0.9	1.1	2.4	7.7	9.0	48.3	33.2	92.1	75.6	92.4	94.1	71.8	12.2	19.1	2.33	86	0	3	C00-14
Oesophagus (C15)	72	0	.	.	.	.	0.9	1.1	.	3.9	3.0	17.4	20.5	44.2	80.7	49.7	83.6	44.9	6.8	11.7	1.52	78	0	7	C15
Stomach (C16)	116	2	.	.	.	.	0.9	1.1	3.5	3.9	4.5	27.1	38.3	47.9	45.4	106.6	166.8	197.5	11.0	18.7	2.22	76	0	4	C16
Colon (C18)	51	0	.	.	.	.	.	.	2.4	6.4	4.5	5.8	20.5	33.1	10.1	49.7	41.8	71.8	4.9	7.7	0.87	86	0		C18
Rectum (C19-20)	45	2	.	.	.	.	.	2.1	.	1.3	6.0	3.9	17.9	18.4	25.2	42.6	41.8	62.8	4.3	7.2	0.83	84	0		C19-20
Colorectal (C18-20)	96	2	.	.	.	.	2.1	2.1	2.4	7.7	10.5	9.7	38.3	51.6	35.3	92.4	83.6	134.6	9.1	14.8	1.70	85	0	6	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	.	3.0	.	.	.	5.0	7.1	.	.	0.4	0.6	0.08	100	0	23	C21
Colon, rectum and anus (C18-21)	100	2	.	.	.	.	.	2.1	2.4	7.7	13.5	9.7	38.3	51.6	40.3	99.5	83.6	134.6	9.5	15.4	1.78	86	0		C18-21
Liver (C22)	39	0	.	.	.	.	0.9	.	1.2	5.2	3.0	3.9	17.9	14.7	15.1	42.6	52.3	35.9	3.7	6.0	0.78	59	0	12	C22
Gallbladder (C23-24)	7	0	.	.	.	.	.	.	.	.	1.5	1.9	.	3.7	.	7.1	10.5	18.0	0.7	1.1	0.12	57	0	20	C23-24
Pancreas (C25)	30	0	.	.	.	.	.	.	1.2	1.3	6.0	.	12.8	25.8	10.1	14.2	31.4	44.9	2.9	4.5	0.51	37	0	13	C25
Nose, sinuses (C30-31)	3	0	.	.	.	.	.	.	.	.	.	.	.	3.7	5.0	.	.	9.0	0.3	0.5	0.04	100	0	24	C30-31
Larynx (C32)	53	0	.	.	.	.	.	.	.	1.3	3.0	15.5	28.1	29.5	20.2	49.7	41.8	71.8	5.0	8.3	0.95	87	0	8	C32
Lung, trachea and bronchus (C33-34)	143	0	.	.	.	.	.	.	2.4	5.2	10.5	17.4	30.7	62.6	50.4	191.8	209.1	314.1	13.6	24.4	2.90	58	0	2	C33-34
Melanoma of skin (C43)	15	0	.	.	.	.	.	1.1	1.2	1.3	.	1.9	2.6	7.4	10.1	28.4	10.5	9.0	1.4	2.4	0.32	100	0	16	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	4	0	.	.	.	.	.	1.1	1.2	1.3	1.5	.	.	.	.	.	.	.	0.4	0.3	0.03	75	0	25	C46
Breast (C50)	1	0	.	.	.	.	.	.	.	.	.	1.9	.	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C50
Penis (C60)	15	1	.	.	.	.	.	.	.	3.9	1.5	.	2.6	7.4	10.1	.	10.5	35.9	1.4	2.2	0.19	100	0	18	C60
Prostate (C61)	394	3	.	.	.	.	.	.	.	1.3	1.5	5.8	33.2	106.8	327.8	483.1	972.2	1059.1	37.5	75.3	9.73	80	0	1	C61
Testis (C62)	10	0	.	.	.	0.8	1.8	1.1	2.4	.	3.0	.	.	.	5.0	.	10.5	.	1.0	1.0	0.12	100	0	22	C62
Kidney (C64)	17	0	2.9	0.9	0.9	.	.	.	1.2	1.3	3.0	.	5.1	.	20.2	14.2	.	.	1.6	2.3	0.25	59	0	17	C64
Bladder (C67)	36	0	.	.	.	.	.	.	.	2.6	1.5	1.9	10.2	7.4	20.2	35.5	83.6	80.8	3.4	6.3	0.81	97	0	11	C67
Brain, CNS (C70-72)	49	0	3.9	1.9	.	3.4	0.9	3.2	3.5	3.9	3.0	1.9	10.2	18.4	20.2	21.3	52.3	44.9	4.7	6.7	0.74	51	0	10	C70-72
Thyroid (C73)	8	0	.	.	.	0.9	0.9	.	2.4	.	.	.	2.6	3.7	.	7.1	10.5	9.0	0.8	1.1	0.14	100	0	21	C73
Hodgkin disease (C81)	22	1	.	.	1.7	3.4	0.9	3.2	2.4	.	1.5	.	.	7.4	.	7.1	20.9	26.9	2.1	2.6	0.25	91	0	15	C81
Non-Hodgkin lymphoma (C82-85; C96)	32	0	0.9	0.9	1.7	1.7	.	3.2	5.9	2.6	.	.	10.2	7.4	15.1	14.2	31.4	26.9	3.0	4.2	0.47	72	0	14	C82-85;C96
Multiple myeloma (C88-C90)	12	0	.	.	.	.	.	.	1.2	1.3	.	1.9	2.6	11.0	10.1	7.1	10.5	9.0	1.1	1.8	0.23	83	0	19	C88-C90
Lymphoid leukaemia (C91)	25	0	5.9	3.7	3.5	1.7	1.8	.	.	.	.	1.9	.	3.7	.	21.3	10.5	9.0	2.4	3.0	0.27	72	0		C91
Myeloid leukaemia (C92-94)	20	0	2.0	1.9	0.9	0.8	1.8	.	1.2	.	1.5	3.9	5.1	3.7	5.0	.	10.5	26.9	1.9	2.5	0.19	35	0		C92-94
Leukaemia unspecified (C95)	16	0	5.9	1.9	0.9	0.9	2.5	0.9	1.2	2.6	.	.	.	.	.	.	.	.	1.5	1.5	0.08	63	0		C95
Leukaemia (C91-95)	61	0	13.8	7.5	5.2	5.0	4.5	.	2.4	2.6	1.5	5.8	5.1	7.4	5.0	21.3	20.9	35.9	5.8	6.9	0.54	57	0	9	C91-95
Other and unspecified (O&U)	98	0	1.0	0.9	0.9	0.8	2.7	4.2	.	9.0	3.0	9.7	30.7	25.8	45.4	85.3	135.9	179.5	9.3	15.5	1.78	52	0	5	O&U
All sites but C44 (ALLbC44)	1530	11	21.6	13.1	11.3	19.3	20.5	25.4	38.8	68.3	78.3	187.5	357.9	600.3	842.1	1435.2	2184.8	2548.9	145.5	247.8	29.74	75	0		ALLbC44
All sites (ALL)	1943	23	21.6	13.1	11.3	20.1	20.5	27.6	49.4	94.1	115.9	253.3	455.1	791.9	1124.4	1769.1	2749.3	3114.3	184.8	314.8	38.03	80	0		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, CUIABA (2000-2002)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	39	0	1.0	.	0.9	.	.	1.0	2.2	.	5.6	5.6	12.6	14.6	31.9	25.6	27.8	28.2	3.6	5.5	0.64	74	0	10	C00-14
Oesophagus (C15)	18	1	.	.	.	.	.	.	.	.	2.8	5.6	5.0	7.3	13.7	12.8	.	21.1	1.7	2.5	0.25	78	0	14	C15
Stomach (C16)	69	0	.	.	.	.	.	2.0	3.3	3.6	7.0	13.0	20.2	25.5	27.4	19.2	46.4	140.9	6.3	9.2	0.84	70	0	6	C16
Colon (C18)	55	0	.	.	.	.	0.8	.	3.3	4.8	2.8	11.1	7.6	14.6	31.9	51.2	46.4	84.5	5.1	7.8	0.87	80	0		C18
Rectum (C19-20)	43	0	.	.	.	.	.	.	1.1	2.4	2.8	13.0	22.7	7.3	18.2	25.6	83.5	21.1	3.9	6.2	0.88	95	0		C19-20
Colorectal (C18-20)	98	0	.	.	.	.	0.8	.	4.3	7.1	5.6	24.1	30.3	21.8	50.2	76.9	129.9	105.6	9.0	14.0	1.76	87	0	4	C18-20
Anus (C21)	5	0	.	.	.	.	.	.	.	.	.	.	2.5	3.6	13.7	.	.	.	0.5	0.8	0.10	100	0	24	C21
Colon, rectum and anus (C18-21)	103	0	.	.	.	.	0.8	.	4.3	7.1	5.6	24.1	32.8	25.5	63.9	76.9	129.9	105.6	9.5	14.8	1.85	87	0		C18-21
Liver (C22)	24	0	.	.	.	.	.	2.0	.	1.2	2.8	1.9	.	25.5	13.7	38.4	9.3	7.0	2.2	3.6	0.47	67	0	12	C22
Gallbladder (C23-24)	13	1	.	.	.	.	.	.	.	1.2	.	1.9	2.5	3.6	4.6	12.8	18.6	21.1	1.2	2.0	0.24	69	0	17	C23-24
Pancreas (C25)	13	0	.	.	.	.	.	.	.	.	2.8	.	.	10.9	9.1	6.4	18.6	21.1	1.2	2.0	0.24	31	0	18	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C30-31
Larynx (C32)	7	0	.	.	.	.	.	.	.	.	1.4	.	2.5	3.6	9.1	6.4	9.3	.	0.6	1.1	0.16	86	0	23	C32
Lung, trachea and bronchus (C33-34)	72	0	.	.	.	.	0.8	2.0	.	3.6	2.8	13.0	15.1	43.7	36.5	51.2	92.8	91.6	6.6	10.6	1.31	54	0	5	C33-34
Melanoma of skin (C43)	14	0	.	.	.	.	1.7	.	.	1.2	.	1.9	2.5	14.6	4.6	.	18.6	14.1	1.3	1.9	0.22	100	0	20	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	.	1.1	.	.	.	.	.	.	6.4	.	.	0.2	0.3	0.04	100	0	25	C46
Breast (C50)	410	3	.	.	.	.	1.7	10.8	21.7	42.8	83.0	133.6	128.7	152.8	100.4	179.3	204.1	295.8	37.7	50.2	5.33	86	0	1	C50
Cervix uteri (C53)	284	2	.	.	.	0.8	2.5	5.9	17.4	34.5	56.3	68.7	83.3	109.1	141.4	153.7	148.5	112.7	26.1	35.6	4.14	88	0	2	C53
Corpus uteri (C54)	14	0	.	.	.	.	.	1.0	1.1	.	1.4	3.7	5.0	.	.	12.8	37.1	7.0	1.3	2.0	0.31	100	0	16	C54
Ovary (C56)	50	0	.	.	.	0.8	2.5	2.9	2.2	3.6	11.3	5.6	20.2	21.8	18.2	12.8	27.8	28.2	4.6	6.0	0.65	76	0	7	C56
Kidney (C64)	13	0	1.0	.	.	.	.	.	.	1.2	.	.	7.6	7.3	4.6	12.8	9.3	14.1	1.2	1.9	0.22	92	0	19	C64
Bladder (C67)	16	0	.	.	.	.	.	.	.	1.2	.	1.9	2.5	10.9	9.1	.	18.6	42.3	1.5	2.3	0.22	69	0	15	C67
Brain, CNS (C70-72)	44	0	2.0	1.9	2.7	.	1.7	.	1.1	1.2	4.2	11.1	12.6	18.2	13.7	6.4	46.4	35.2	4.0	5.6	0.62	48	0	8	C70-72
Thyroid (C73)	42	0	.	.	0.9	0.8	2.5	2.0	5.4	3.6	9.8	9.3	10.1	3.6	22.8	25.6	9.3	.	3.9	4.7	0.53	71	0	11	C73
Hodgkin disease (C81)	15	0	1.0	.	0.9	.	2.5	2.0	.	3.6	.	.	5.0	.	4.6	6.4	9.3	.	1.4	1.6	0.18	87	0	22	C81
Non-Hodgkin lymphoma (C82-85;C96)	23	0	1.0	.	.	0.8	.	.	2.2	.	5.6	5.6	5.0	10.9	9.1	.	18.6	21.1	2.1	2.8	0.29	83	0	13	C82-85;C96
Multiple myeloma (C88-C90)	13	1	.	.	.	.	.	1.0	.	1.2	1.4	1.9	2.5	3.6	9.1	19.2	.	7.0	1.2	1.8	0.22	54	0	21	C88-C90
Lymphoid leukaemia (C91)	22	0	3.1	4.8	2.7	1.6	0.8	.	.	.	2.8	.	2.5	7.3	.	.	9.3	14.1	2.0	2.4	0.17	59	0		C91
Myeloid leukaemia (C92-94)	19	0	2.0	.	.	.	0.8	.	1.1	2.4	2.8	.	5.0	3.6	4.6	6.4	27.8	21.1	1.7	2.4	0.28	53	0		C92-94
Leukaemia unspecified (C95)	6	0	1.0	1.0	.	.	.	1.0	.	1.2	.	.	.	3.6	4.6	.	.	.	0.6	0.7	0.06	17	0		C95
Leukaemia (C91-95)	47	0	6.1	5.8	2.7	1.6	1.7	1.0	1.1	3.6	5.6	.	7.6	14.6	9.1	6.4	37.1	35.2	4.3	5.5	0.52	51	0	9	C91-95
Other and unspecified (O&U)	118	2	1.0	1.0	2.7	4.1	3.4	2.9	6.5	9.5	7.0	14.8	32.8	54.6	36.5	64.0	55.7	140.9	10.8	15.0	1.51	47	0	3	O&U
All sites but C44 (ALLbC44)	1593	11	16.4	9.6	13.3	17.1	26.1	41.2	76.0	129.7	232.1	347.0	444.2	596.6	679.7	826.2	1104.1	1260.7	146.3	204.9	22.96	76	0		ALLbC44
All sites (ALL)	1954	27	16.4	9.6	13.3	18.8	26.9	48.1	89.0	157.1	272.9	402.6	537.6	713.0	853.1	1037.6	1465.9	1697.4	179.5	254.5	28.71	80	0		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

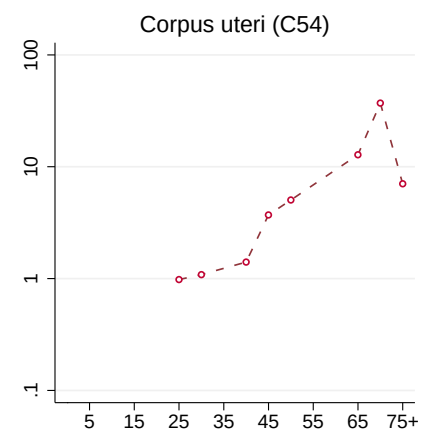
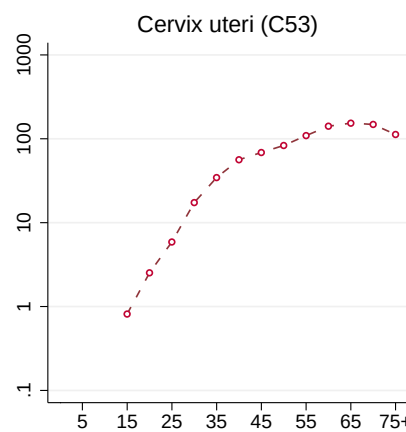
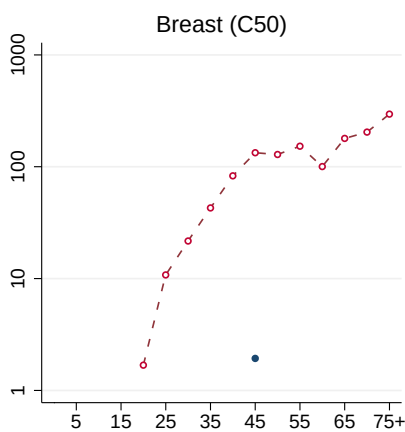
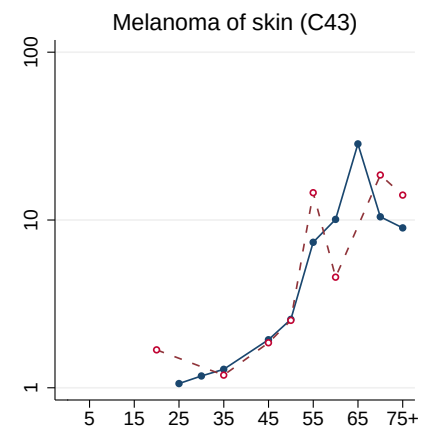
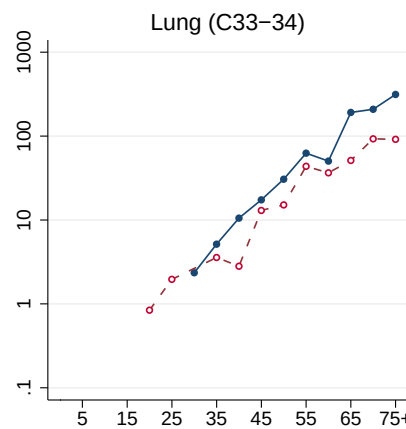
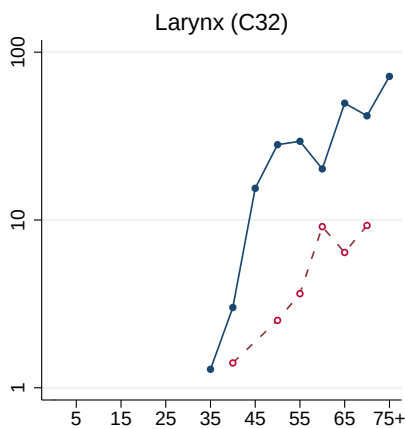
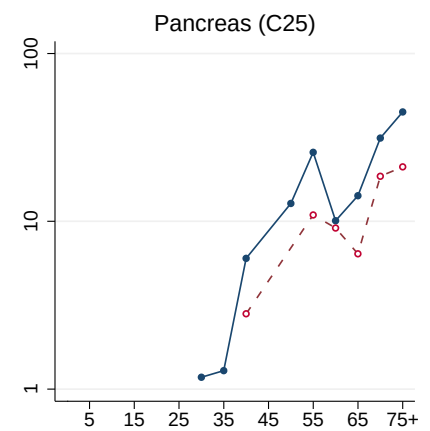
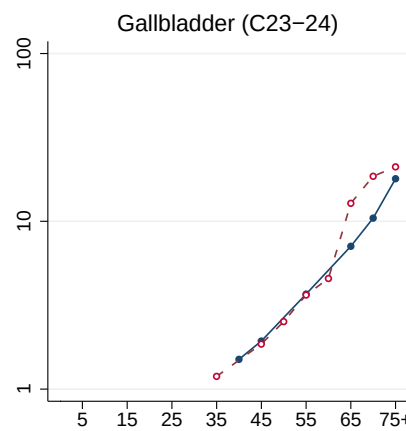
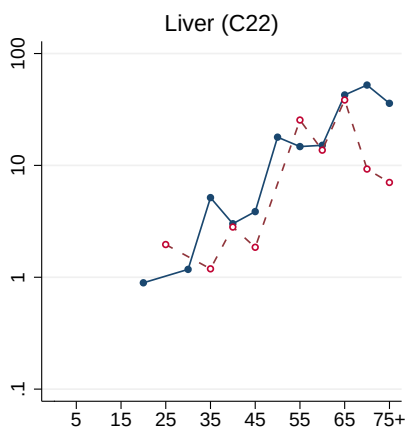
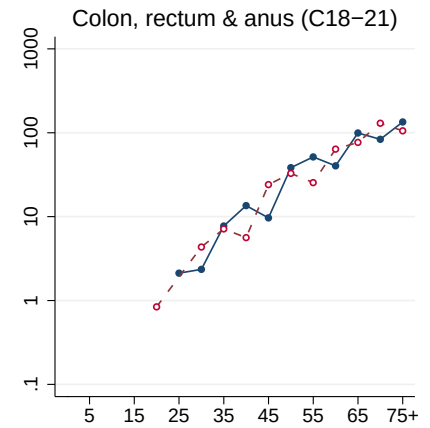
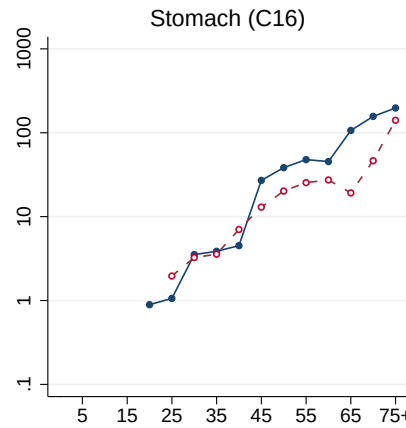
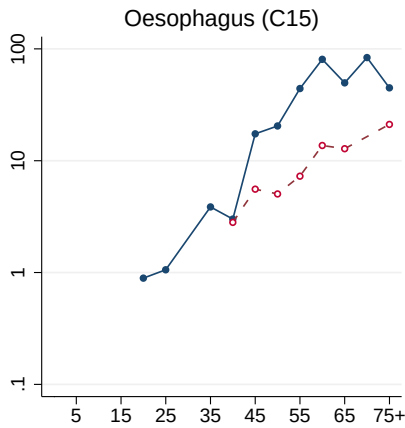
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

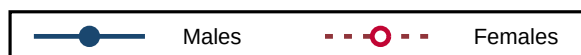
BRAZIL, CUIABA (2000–2002)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



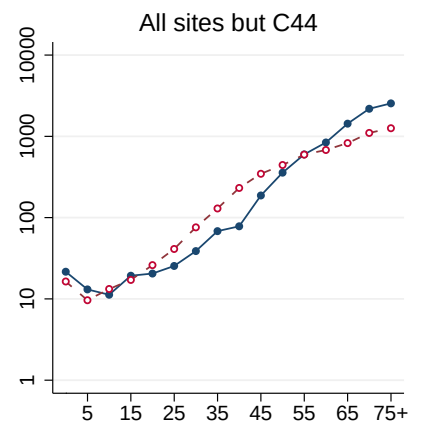
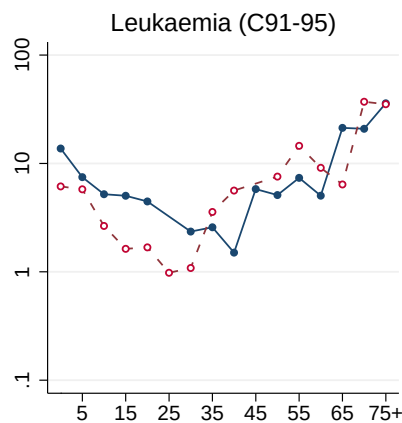
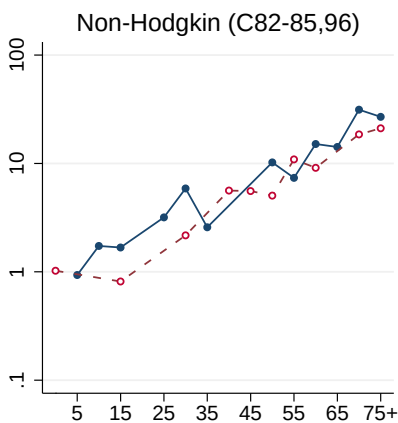
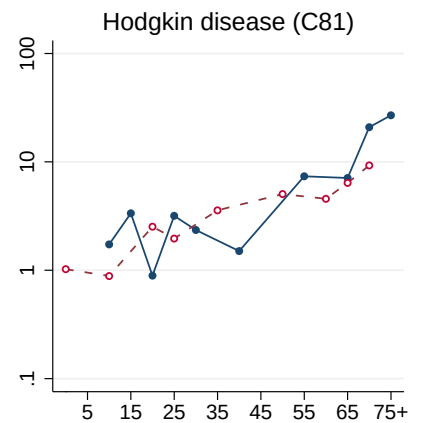
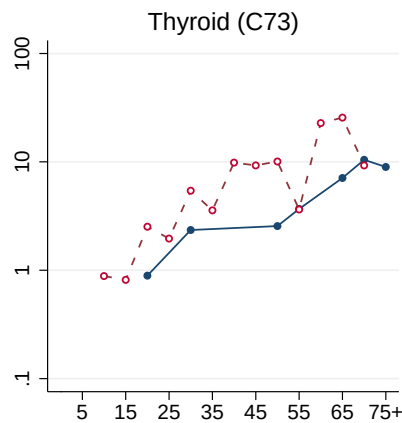
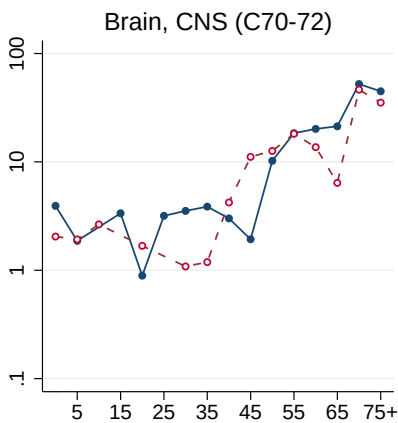
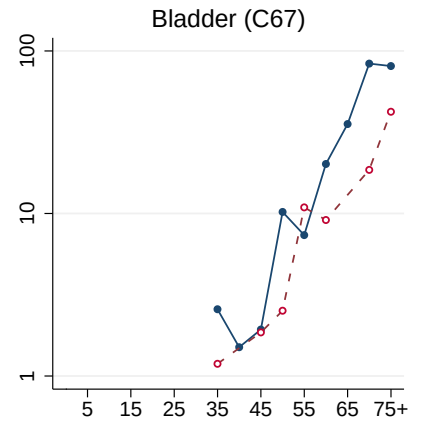
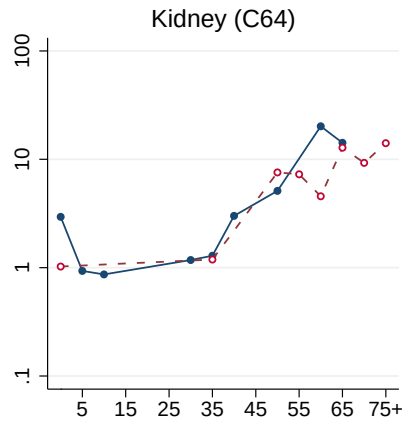
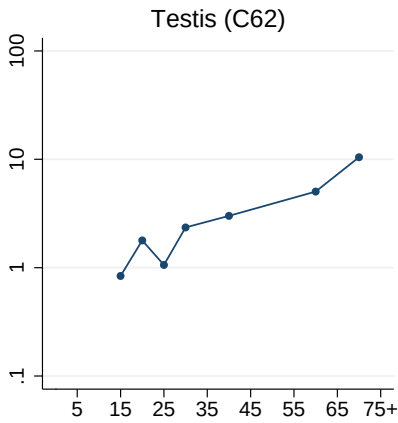
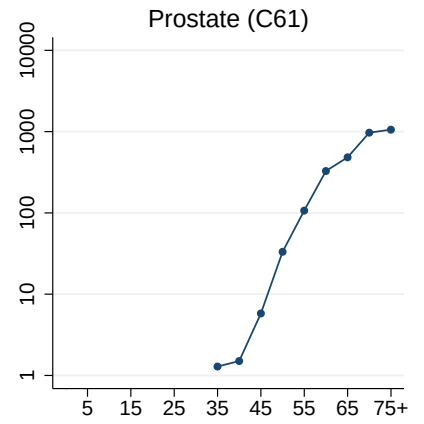
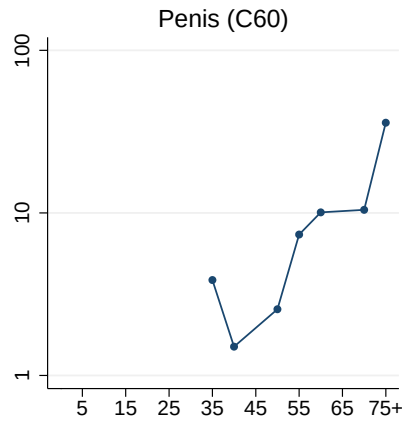
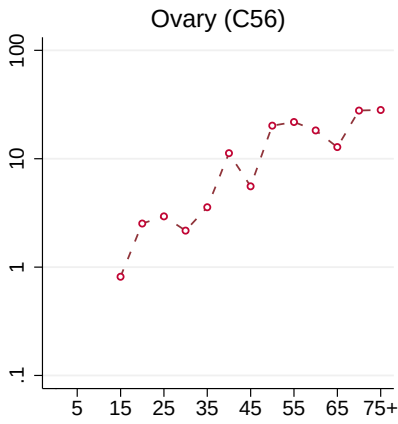
Age in Years



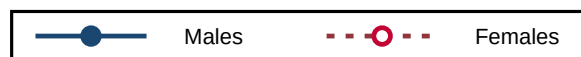
BRAZIL, CUIABA (2000-2002)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, CUIABA (2003-2006)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR				TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	34 (5.0)	34 (4.0)	36 (4.9)	59 (6.9)	163 (5.2)
Digestive organs (C15-C26)	100 (14.8)	139 (16.4)	142 (19.4)	119 (13.9)	500 (16.1)
Respiratory organs (C30-C39)	68 (10.1)	78 (9.2)	83 (11.3)	82 (9.5)	311 (10.0)
Bone, cartilage, and skin (C40-C44)	162 (24.0)	230 (27.2)	143 (19.5)	208 (24.2)	743 (23.9)
Breast (C50)	1 (0.1)	1 (0.1)	2 (0.3)	3 (0.3)	7 (0.2)
Male genitalia (C60-C63)	181 (26.8)	233 (27.6)	195 (26.6)	266 (31.0)	875 (28.1)
Urinary organs (C64-C68)	36 (5.3)	19 (2.2)	24 (3.3)	17 (2.0)	96 (3.1)
Eye, brain, and thyroid (C69-C75)	19 (2.8)	16 (1.9)	29 (4.0)	22 (2.6)	86 (2.8)
Hematopoietic (C81-C96)	47 (7.0)	55 (6.5)	51 (7.0)	37 (4.3)	190 (6.1)
Other and unspecified	28 (4.1)	40 (4.7)	27 (3.7)	46 (5.4)	141 (4.5)
All sites	676 (100.0)	845 (100.0)	732 (100.0)	859 (100.0)	3112 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	20 (2.6)	10 (1.2)	10 (1.4)	13 (1.6)	53 (1.7)
Digestive organs (C15-C26)	79 (10.4)	124 (14.7)	86 (12.1)	87 (10.6)	376 (12.0)
Respiratory organs (C30-C39)	33 (4.4)	32 (3.8)	35 (4.9)	27 (3.3)	127 (4.1)
Bone, cartilage, and skin (C40-C44)	213 (28.2)	246 (29.1)	182 (25.7)	248 (30.3)	889 (28.4)
Breast (C50)	149 (19.7)	150 (17.8)	126 (17.8)	165 (20.2)	590 (18.9)
Female genitalia (C51-C58)	148 (19.6)	156 (18.5)	141 (19.9)	143 (17.5)	588 (18.8)
Urinary organs (C64-C68)	6 (0.8)	14 (1.7)	9 (1.3)	14 (1.7)	43 (1.4)
Eye, brain, and thyroid (C69-C75)	30 (4.0)	30 (3.6)	44 (6.2)	44 (5.4)	148 (4.7)
Hematopoietic (C81-C96)	46 (6.1)	43 (5.1)	48 (6.8)	37 (4.5)	174 (5.6)
Other and unspecified	32 (4.2)	40 (4.7)	27 (3.8)	40 (4.9)	139 (4.4)
All sites	756 (100.0)	845 (100.0)	708 (100.0)	818 (100.0)	3127 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	54 (3.8)	44 (2.6)	46 (3.2)	72 (4.3)	216 (3.5)
Digestive organs (C15-C26)	179 (12.5)	263 (15.6)	228 (15.8)	206 (12.3)	876 (14.0)
Respiratory organs (C30-C39)	101 (7.1)	110 (6.5)	118 (8.2)	109 (6.5)	438 (7.0)
Bone, cartilage, and skin (C40-C44)	375 (26.2)	476 (28.2)	325 (22.6)	456 (27.2)	1632 (26.2)
Urinary organs (C64-C68)	42 (2.9)	33 (2.0)	33 (2.3)	31 (1.8)	139 (2.2)
Eye, brain, and thyroid (C69-C75)	49 (3.4)	46 (2.7)	73 (5.1)	66 (3.9)	234 (3.8)
Hematopoietic (C81-C96)	93 (6.5)	98 (5.8)	99 (6.9)	74 (4.4)	364 (5.8)
Other and unspecified	60 (4.2)	80 (4.7)	54 (3.8)	86 (5.1)	280 (4.5)
All sites	1432 (100.0)	1690 (100.0)	1440 (100.0)	1677 (100.0)	6239 (100.0)

BRAZIL, CUIABA (2003-2006)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR				TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	15.3 (4.8)	15.2 (3.8)	15.3 (4.6)	23.5 (6.2)	17.4 (4.9)
Digestive organs (C15-C26)	48.5 (15.1)	65.8 (16.5)	62.8 (19.0)	51.8 (13.6)	57.3 (16.0)
Respiratory organs (C30-C39)	33.3 (10.3)	37.3 (9.4)	37.8 (11.4)	36.0 (9.5)	36.1 (10.1)
Bone, cartilage, and skin (C40-C44)	72.9 (22.6)	104.8 (26.3)	63.7 (19.3)	89.9 (23.6)	82.7 (23.1)
Breast (C50)	0.4 (0.1)	0.4 (0.1)	1.2 (0.4)	1.3 (0.4)	0.8 (0.2)
Male genitalia (C60-C63)	96.3 (29.9)	122.7 (30.8)	99.2 (30.0)	133.3 (35.0)	113.1 (31.6)
Urinary organs (C64-C68)	18.9 (5.9)	7.8 (2.0)	11.6 (3.5)	7.5 (2.0)	11.3 (3.2)
Eye, brain, and thyroid (C69-C75)	7.2 (2.2)	6.7 (1.7)	11.2 (3.4)	7.3 (1.9)	8.1 (2.3)
Hematopoietic (C81-C96)	17.7 (5.5)	20.1 (5.0)	18.3 (5.5)	13.1 (3.4)	17.2 (4.8)
Other and unspecified	11.4 (3.5)	17.2 (4.3)	9.9 (3.0)	17.5 (4.6)	14.0 (3.9)
All sites	321.8 (100.0)	398.2 (100.0)	330.6 (100.0)	380.4 (100.0)	358.0 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	7.6 (2.6)	3.4 (1.0)	4.0 (1.5)	5.0 (1.7)	5.0 (1.7)
Digestive organs (C15-C26)	32.0 (11.1)	51.8 (15.9)	33.4 (12.9)	33.2 (11.2)	37.5 (12.8)
Respiratory organs (C30-C39)	14.9 (5.2)	12.2 (3.8)	13.7 (5.3)	11.1 (3.7)	12.9 (4.4)
Bone, cartilage, and skin (C40-C44)	87.8 (30.5)	100.3 (30.8)	72.8 (28.0)	94.8 (31.9)	88.9 (30.4)
Breast (C50)	52.2 (18.1)	54.8 (16.8)	43.3 (16.7)	57.0 (19.2)	51.8 (17.7)
Female genitalia (C51-C58)	51.9 (18.0)	56.0 (17.2)	49.2 (19.0)	48.5 (16.3)	51.3 (17.6)
Urinary organs (C64-C68)	2.6 (0.9)	5.3 (1.6)	4.0 (1.6)	5.8 (2.0)	4.5 (1.5)
Eye, brain, and thyroid (C69-C75)	9.9 (3.4)	9.7 (3.0)	14.0 (5.4)	14.0 (4.7)	11.9 (4.1)
Hematopoietic (C81-C96)	16.2 (5.6)	16.7 (5.1)	15.0 (5.8)	12.5 (4.2)	15.1 (5.2)
Other and unspecified	12.7 (4.4)	15.5 (4.8)	10.2 (3.9)	15.6 (5.3)	13.5 (4.6)
All sites	287.6 (100.0)	325.7 (100.0)	259.5 (100.0)	297.2 (100.0)	292.3 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	11.3 (3.8)	9.0 (2.5)	9.4 (3.2)	14.0 (4.2)	11.0 (3.4)
Digestive organs (C15-C26)	40.0 (13.2)	58.3 (16.3)	47.4 (16.3)	41.9 (12.5)	46.9 (14.6)
Respiratory organs (C30-C39)	23.6 (7.8)	24.0 (6.7)	25.0 (8.6)	22.9 (6.8)	23.9 (7.4)
Bone, cartilage, and skin (C40-C44)	80.9 (26.8)	102.6 (28.6)	68.6 (23.5)	92.6 (27.6)	86.1 (26.8)
Urinary organs (C64-C68)	10.2 (3.4)	6.5 (1.8)	7.5 (2.6)	6.6 (2.0)	7.7 (2.4)
Eye, brain, and thyroid (C69-C75)	8.6 (2.8)	8.2 (2.3)	12.6 (4.3)	10.7 (3.2)	10.1 (3.1)
Hematopoietic (C81-C96)	16.9 (5.6)	18.3 (5.1)	16.6 (5.7)	12.7 (3.8)	16.1 (5.0)
Other and unspecified	12.1 (4.0)	16.3 (4.6)	10.0 (3.4)	16.7 (5.0)	13.8 (4.3)
All sites	302.3 (100.0)	358.1 (100.0)	291.7 (100.0)	335.2 (100.0)	321.8 (100.0)

BRAZIL, CUIABA (2003-2006)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	163	2	0.7	0.7	.	.	0.6	.	0.8	5.4	12.6	18.9	55.2	79.5	66.7	84.2	80.1	100.0	10.8	17.4	2.05	91	5	4	C00-14
Oesophagus (C15)	76	2	.	.	.	.	.	.	0.8	0.9	3.1	6.7	16.0	38.5	21.1	54.5	87.4	68.8	5.0	8.9	1.18	83	11	8	C15
Stomach (C16)	176	3	.	0.7	.	0.6	.	0.7	0.8	3.6	8.4	24.3	19.6	48.8	77.3	123.8	218.5	200.1	11.7	20.9	2.68	79	16	3	C16
Colon (C18)	94	2	.	.	.	.	.	0.7	0.8	1.8	7.3	13.5	26.7	25.7	49.2	54.5	87.4	56.3	6.2	10.5	1.37	87	7		C18
Rectum (C19-20)	61	0	.	.	.	.	1.2	0.7	4.1	3.6	4.2	5.4	7.1	12.8	28.1	44.6	43.7	56.3	4.0	6.5	0.78	92	7		C19-20
Colorectal (C18-20)	155	2	.	.	.	.	1.2	1.5	4.9	5.4	11.5	18.9	33.8	38.5	77.3	99.0	131.1	112.5	10.3	17.0	2.14	89	7	5	C18-20
Anus (C21)	10	0	.	.	.	.	.	0.7	0.8	0.9	4.2	.	1.8	.	3.5	.	.	6.3	0.7	0.8	0.06	100	0	25	C21
Colon, rectum and anus (C18-21)	165	2	.	.	.	.	1.2	2.2	5.7	6.3	15.7	18.9	35.6	38.5	80.8	99.0	131.1	118.8	10.9	17.8	2.20	90	7		C18-21
Liver (C22)	27	0	.	.	.	.	.	.	0.8	0.9	.	6.7	5.3	15.4	10.5	19.8	21.8	6.3	1.8	3.0	0.41	70	30	15	C22
Gallbladder (C23-24)	13	0	.	.	.	.	.	.	.	.	.	.	.	2.6	3.5	9.9	43.7	18.8	0.9	1.8	0.30	31	62	19	C23-24
Pancreas (C25)	29	0	.	.	.	.	.	.	0.8	0.9	1.0	4.0	7.1	12.8	10.5	14.9	43.7	12.5	1.9	3.3	0.48	52	38	13	C25
Nose, sinuses (C30-31)	8	0	0.7	.	0.6	.	.	.	.	0.9	.	1.3	1.8	.	3.5	5.0	.	6.3	0.5	0.8	0.07	88	0	24	C30-31
Larynx (C32)	87	2	.	.	.	.	.	.	.	2.7	2.1	9.4	32.1	35.9	49.2	24.8	58.3	87.5	5.8	9.7	1.10	89	7	7	C32
Lung, trachea and bronchus (C33-34)	197	0	.	.	.	.	1.9	.	0.8	3.6	5.2	17.5	32.1	71.8	119.4	118.8	189.4	256.4	13.0	23.5	2.80	65	30	2	C33-34
Melanoma of skin (C43)	26	0	.	.	.	.	.	1.5	1.6	1.8	3.1	1.3	5.3	5.1	17.6	9.9	7.3	18.8	1.7	2.6	0.27	96	0	17	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	0.7	.	.	.	.	.	.	.	.	.	.	0.1	0.1	0.00	100	0	27	C45
Kaposi sarcoma (C46)	9	0	.	.	.	.	0.6	0.7	2.5	.	.	2.7	.	2.6	.	.	.	6.3	0.6	0.6	0.05	100	0	26	C46
Breast (C50)	7	1	.	.	.	.	.	.	.	.	.	1.3	.	5.1	3.5	5.0	.	6.3	0.5	0.8	0.09	100	0	23	C50
Penis (C60)	20	0	.	.	.	.	.	.	.	1.8	.	1.3	8.9	10.3	14.0	9.9	.	12.5	1.3	2.2	0.23	95	5	18	C60
Prostate (C61)	831	31	.	.	.	.	.	.	2.5	2.7	3.1	20.2	41.0	177.0	442.5	811.8	961.4	1638.2	55.0	109.0	12.79	92	6	1	C61
Testis (C62)	21	0	.	.	.	0.6	1.2	2.2	1.6	2.7	2.1	1.3	1.8	2.6	7.0	14.9	.	.	1.4	1.7	0.19	81	10	20	C62
Kidney (C64)	28	1	0.7	.	0.6	.	.	.	.	.	3.1	2.7	5.3	5.1	28.1	14.9	7.3	18.8	1.9	3.2	0.35	89	7	14	C64
Bladder (C67)	66	0	.	.	.	0.6	.	0.7	1.6	0.9	1.0	2.7	8.9	15.4	17.6	34.7	94.7	137.6	4.4	7.9	0.89	91	9	9	C67
Brain, CNS (C70-72)	61	0	2.1	0.7	0.6	1.8	1.9	2.2	3.3	1.8	4.2	2.7	10.7	18.0	10.5	39.6	14.6	56.3	4.0	5.8	0.57	56	38	12	C70-72
Thyroid (C73)	13	0	.	.	.	1.2	1.9	.	0.8	1.8	2.1	1.3	.	2.6	7.0	.	.	12.5	0.9	1.1	0.08	100	0	22	C73
Hodgkin disease (C81)	18	0	0.7	1.3	.	1.2	1.9	.	0.8	2.7	1.0	2.7	.	2.6	3.5	5.0	.	.	1.2	1.3	0.12	83	11	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	72	1	2.7	3.3	1.2	2.3	2.5	4.4	0.8	7.2	3.1	6.7	5.3	12.8	21.1	29.7	14.6	43.8	4.8	6.4	0.60	90	6	11	C82-85;C96
Multiple myeloma (C88-C90)	26	0	.	.	.	.	.	.	0.8	0.9	.	2.7	8.9	12.8	.	34.7	21.8	12.5	1.7	2.9	0.41	88	8	16	C88-C90
Lymphoid leukaemia (C91)	37	0	6.8	3.3	1.8	1.8	.	0.7	0.8	.	1.0	1.3	.	2.6	7.0	5.0	21.8	31.3	2.5	3.3	0.27	84	8		C91
Myeloid leukaemia (C92-94)	24	0	0.7	.	0.6	.	1.9	4.4	2.5	.	2.1	.	3.6	2.6	.	14.9	7.3	6.3	1.6	1.9	0.20	71	21		C92-94
Leukaemia unspecified (C95)	13	0	0.7	.	.	.	.	0.7	.	.	2.1	.	1.8	2.6	7.0	5.0	7.3	18.8	0.9	1.4	0.14	46	54		C95
Leukaemia (C91-95)	74	0	8.2	3.3	2.4	1.8	1.9	5.9	3.3	.	5.2	1.3	5.3	7.7	14.0	24.8	36.4	56.3	4.9	6.6	0.61	73	20	10	C91-95
Other and unspecified (O&U)	113	2	1.4	0.7	.	0.6	0.6	1.5	2.5	4.5	4.2	16.2	23.2	38.5	70.2	69.3	51.0	68.8	7.5	12.3	1.45	67	27	6	O&U
All sites but C44 (ALLbC44)	2422	49	19.1	10.4	9.1	13.4	16.2	27.3	34.4	58.3	87.0	179.2	350.9	682.5	1130.9	1678.1	2126.7	3057.6	160.4	280.2	32.78	84	12		ALLbC44
All sites (ALL)	3112	77	19.1	10.4	9.7	14.0	17.4	32.5	45.0	72.7	138.4	264.1	472.1	867.2	1401.4	2064.3	2687.5	3920.5	206.1	358.0	41.61	87	10		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, CUIABA (2003-2006)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	53	0	.	0.7	.	.	0.6	.	1.5	2.5	2.9	9.1	8.8	20.3	12.7	22.3	19.4	54.0	3.4	5.0	0.50	91	2	11	C00-14
Oesophagus (C15)	23	1	.	.	.	.	.	.	0.8	0.8	2.0	2.6	7.0	.	6.4	22.3	19.4	14.7	1.5	2.4	0.32	91	0	17	C15
Stomach (C16)	98	0	.	.	.	0.6	.	2.0	3.0	3.3	7.8	11.6	14.1	35.5	44.5	40.2	64.7	68.8	6.3	9.5	1.14	86	12	6	C16
Colon (C18)	74	0	.	.	.	.	.	.	1.5	3.3	2.9	7.8	12.3	33.0	38.2	26.8	38.8	73.7	4.7	7.4	0.82	88	5		C18
Rectum (C19-20)	74	0	.	.	.	.	.	1.4	2.3	2.5	10.8	6.5	17.6	17.8	35.0	26.8	51.8	39.3	4.7	7.0	0.86	88	5		C19-20
Colorectal (C18-20)	148	0	.	.	.	.	1.4	1.4	3.8	5.8	13.7	14.2	29.9	50.7	73.1	53.6	90.6	113.0	9.5	14.5	1.68	88	5	3	C18-20
Anus (C21)	13	1	.	.	.	.	.	.	.	0.8	2.0	3.9	.	2.5	6.4	4.5	6.5	4.9	0.8	1.2	0.14	92	0	24	C21
Colon, rectum and anus (C18-21)	161	1	.	.	.	.	.	1.4	3.8	6.6	15.7	18.1	29.9	53.3	79.5	58.1	97.1	117.9	10.3	15.7	1.83	88	5		C18-21
Liver (C22)	20	0	.	.	.	.	.	0.7	.	.	1.0	1.3	3.5	5.1	12.7	8.9	6.5	29.5	1.3	2.1	0.20	20	80	19	C22
Gallbladder (C23-24)	18	0	.	.	.	.	.	1.4	.	0.8	.	1.3	1.8	.	6.4	22.3	32.4	4.9	1.2	2.0	0.33	72	17	21	C23-24
Pancreas (C25)	41	0	.	.	.	.	.	.	.	.	2.0	1.3	8.8	7.6	9.5	31.3	45.3	63.9	2.6	4.4	0.53	34	49	13	C25
Nose, sinuses (C30-31)	7	0	.	.	.	.	.	.	.	.	1.0	.	3.5	2.5	.	4.5	12.9	.	0.4	0.7	0.12	86	0	25	C30-31
Larynx (C32)	16	0	.	.	.	.	.	0.7	.	0.8	2.9	5.2	3.5	5.1	3.2	.	6.5	4.9	1.0	1.3	0.14	88	13	22	C32
Lung, trachea and bronchus (C33-34)	95	1	.	.	0.6	.	.	1.4	.	1.7	4.9	5.2	17.6	17.8	60.4	31.3	103.5	103.1	6.1	10.1	1.23	62	31	5	C33-34
Melanoma of skin (C43)	32	0	.	.	.	0.6	.	1.4	1.5	5.0	2.0	1.3	12.3	5.1	3.2	.	19.4	24.6	2.0	2.6	0.26	100	0	16	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	0.8	.	.	.	.	.	.	.	.	0.1	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	0.7	.	.	.	.	.	.	.	.	6.5	.	0.1	0.2	0.04	100	0	26	C46
Breast (C50)	590	3	.	.	.	0.6	2.9	2.7	14.4	40.6	88.2	116.4	151.3	177.5	203.5	142.9	188.2	250.5	37.7	51.8	5.58	94	4	1	C50
Cervix uteri (C53)	432	4	.	.	.	1.7	2.3	10.2	24.9	43.1	53.9	67.3	80.9	129.3	104.9	147.4	135.9	147.3	27.6	36.4	4.05	95	2	2	C53
Corpus uteri (C54)	45	0	.	.	.	.	0.6	.	1.5	.	1.0	5.2	7.0	15.2	15.9	49.1	25.9	34.4	2.9	4.8	0.61	96	2	12	C54
Ovary (C56)	72	0	.	.	1.2	2.3	0.6	2.0	0.8	3.3	2.9	9.1	26.4	20.3	28.6	17.9	45.3	19.6	4.6	6.6	0.80	85	8	7	C56
Kidney (C64)	22	0	2.8	0.7	.	.	0.6	.	.	0.8	1.0	1.3	5.3	5.1	.	17.9	.	19.6	1.4	2.0	0.18	68	14	20	C64
Bladder (C67)	20	0	.	.	.	.	.	.	.	.	.	1.3	.	5.1	9.5	22.3	19.4	29.5	1.3	2.3	0.29	80	10	18	C67
Brain, CNS (C70-72)	75	0	2.1	4.0	1.8	2.3	2.9	1.4	3.0	1.7	3.9	5.2	8.8	22.8	15.9	31.3	6.5	54.0	4.8	6.3	0.57	59	32	8	C70-72
Thyroid (C73)	60	0	.	.	1.2	.	4.1	1.4	4.5	5.8	8.8	12.9	7.0	5.1	12.7	26.8	.	4.9	3.8	4.4	0.45	83	5	14	C73
Hodgkin disease (C81)	15	0	0.7	.	1.2	1.1	0.6	0.7	0.8	.	.	1.3	.	5.1	3.2	8.9	6.5	.	1.0	1.3	0.15	87	13	23	C81
Non-Hodgkin lymphoma (C82-85; C96)	63	1	2.1	0.7	1.8	0.6	3.5	0.7	6.0	0.8	2.9	9.1	8.8	17.8	15.9	13.4	19.4	24.6	4.0	5.2	0.53	86	6	9	C82-85; C96
Multiple myeloma (C88-C90)	31	1	.	.	.	.	.	.	.	.	.	.	3.5	10.1	9.5	31.3	58.2	24.6	2.0	3.7	0.58	52	23	15	C88-C90
Lymphoid leukaemia (C91)	42	0	7.8	5.4	2.5	1.7	2.3	.	0.8	1.7	.	2.6	3.5	2.5	3.2	4.5	.	9.8	2.7	3.1	0.19	83	7		C91
Myeloid leukaemia (C92-94)	19	0	.	.	.	0.6	.	1.4	2.3	1.7	.	1.3	1.8	5.1	3.2	13.4	6.5	9.8	1.2	1.6	0.19	68	26		C92-94
Leukaemia unspecified (C95)	4	0	.	.	.	.	.	.	0.8	.	.	.	5.3	.	.	.	.	.	0.3	0.3	0.03	25	75		C95
Leukaemia (C91-95)	65	0	7.8	5.4	2.5	2.3	2.3	1.4	3.8	3.3	.	3.9	10.6	7.6	6.4	17.9	6.5	19.6	4.2	5.0	0.41	75	17	10	C91-95
Other and unspecified (O&U)	123	4	1.4	0.7	.	.	0.6	2.0	5.3	5.8	2.0	11.6	19.4	27.9	54.1	62.5	71.2	113.0	7.9	12.1	1.37	63	31	4	O&U
All sites but C44 (ALLbC44)	2283	19	19.9	14.1	12.9	15.3	22.3	32.8	77.1	131.0	213.7	314.3	462.7	623.9	737.7	857.5	1061.1	1291.7	146.1	207.0	23.18	84	10		ALLbC44
All sites (ALL)	3127	53	19.9	14.1	12.9	17.0	25.2	40.3	86.2	154.3	253.0	401.0	603.5	801.4	1046.2	1299.7	1578.8	2362.5	200.1	292.3	32.32	88	8		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

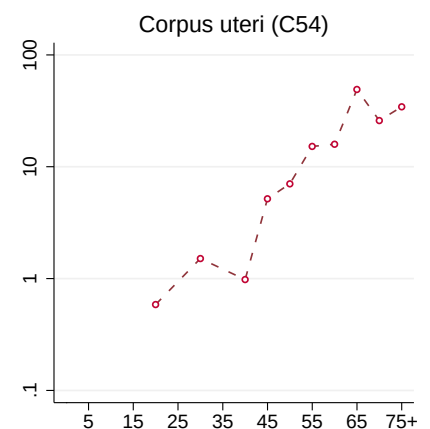
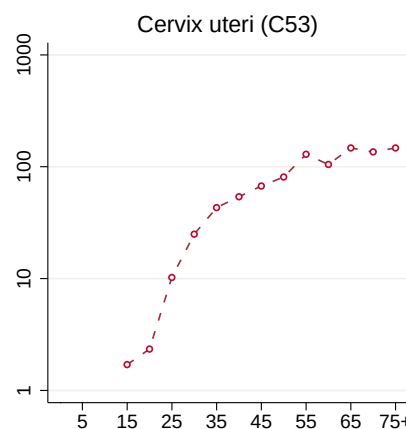
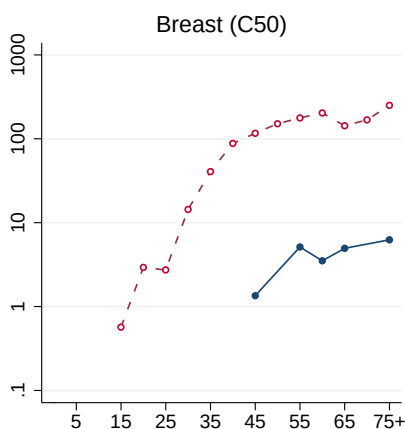
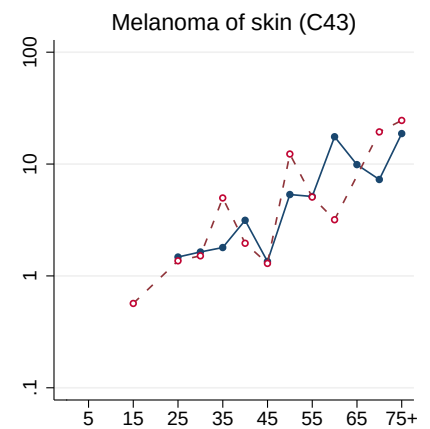
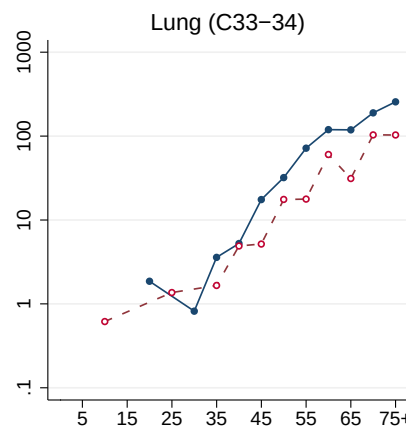
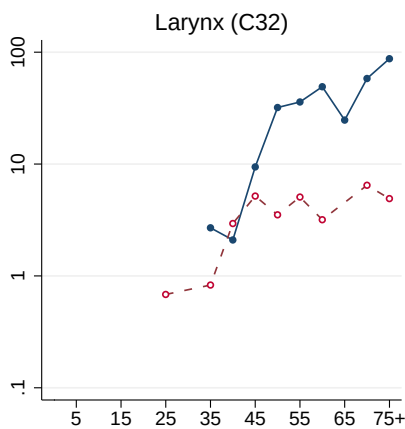
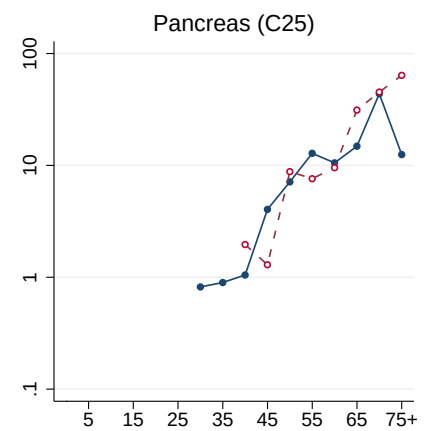
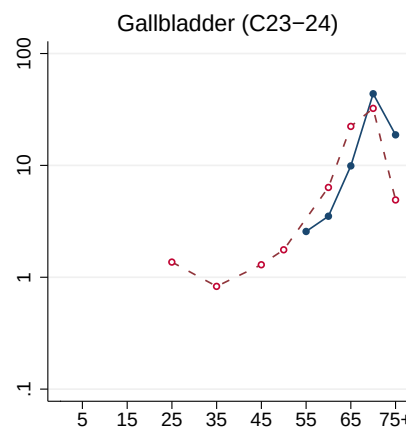
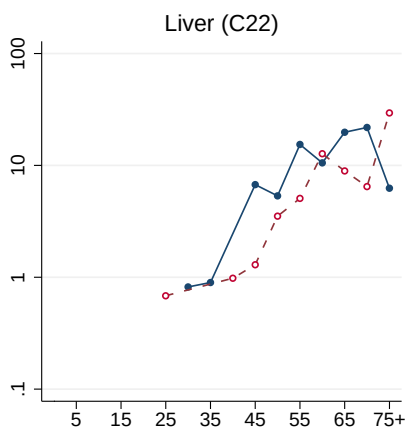
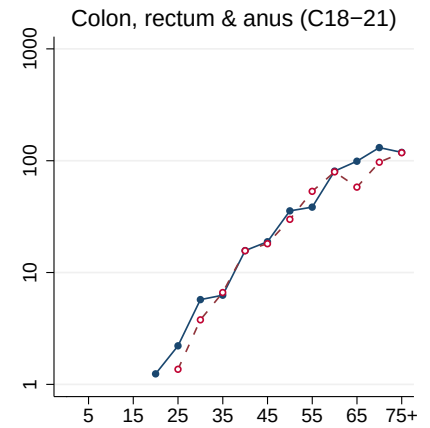
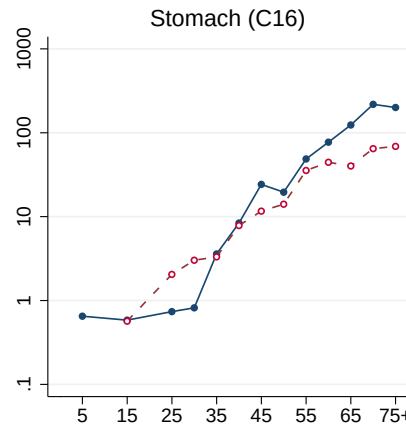
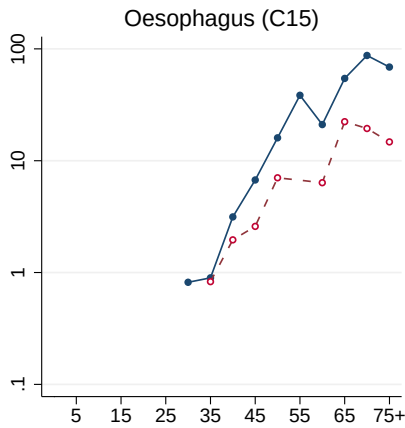
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

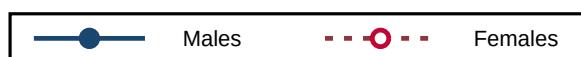
BRAZIL, CUIABA (2003–2006)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



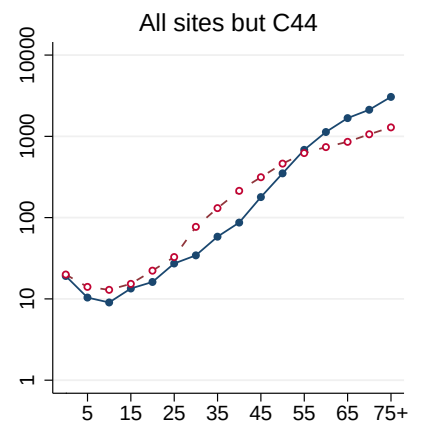
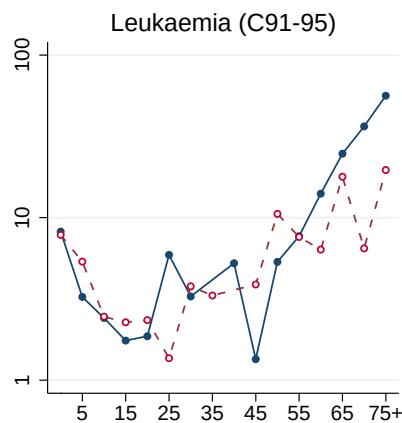
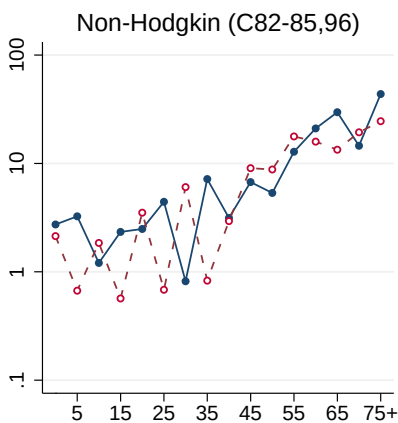
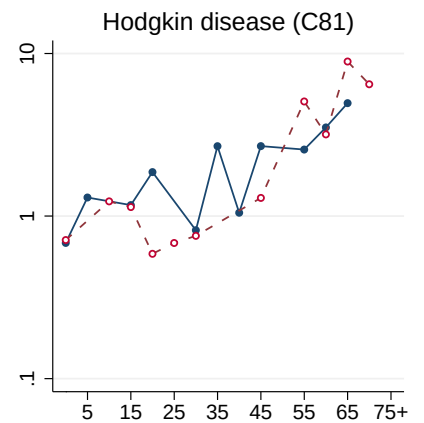
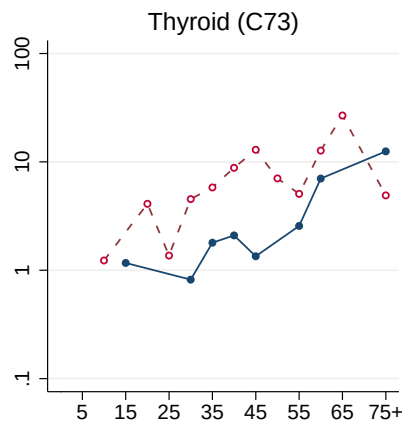
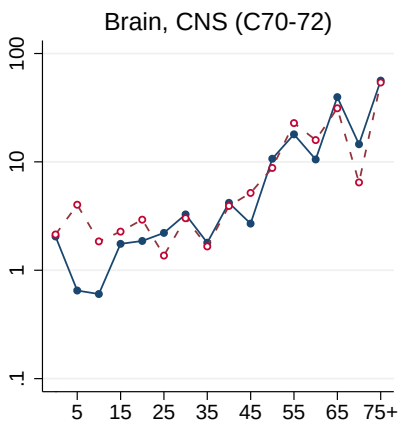
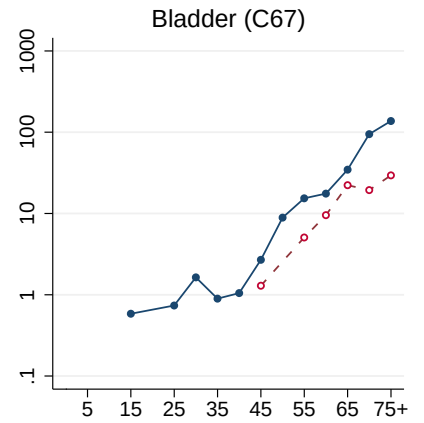
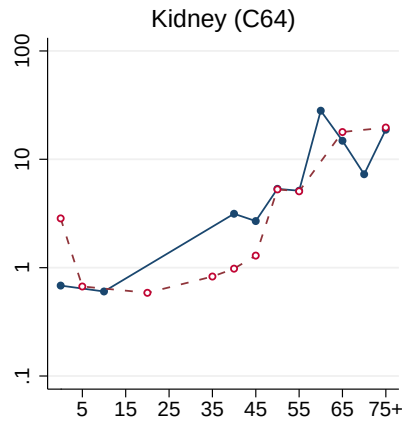
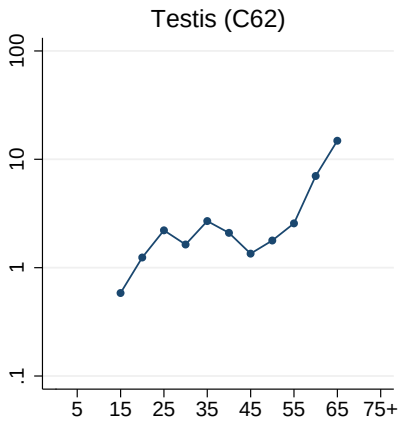
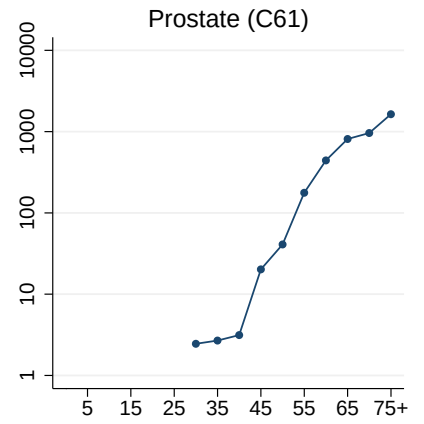
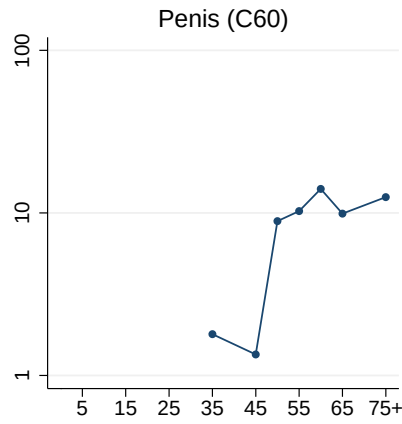
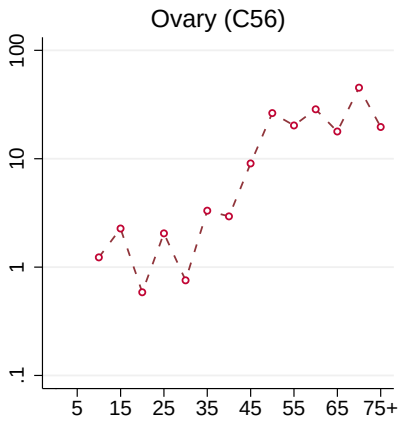
Age in Years



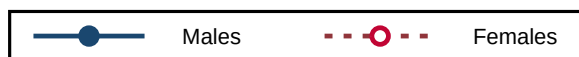
BRAZIL, CUIABA (2003-2006)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



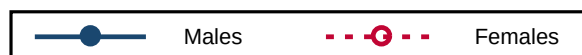
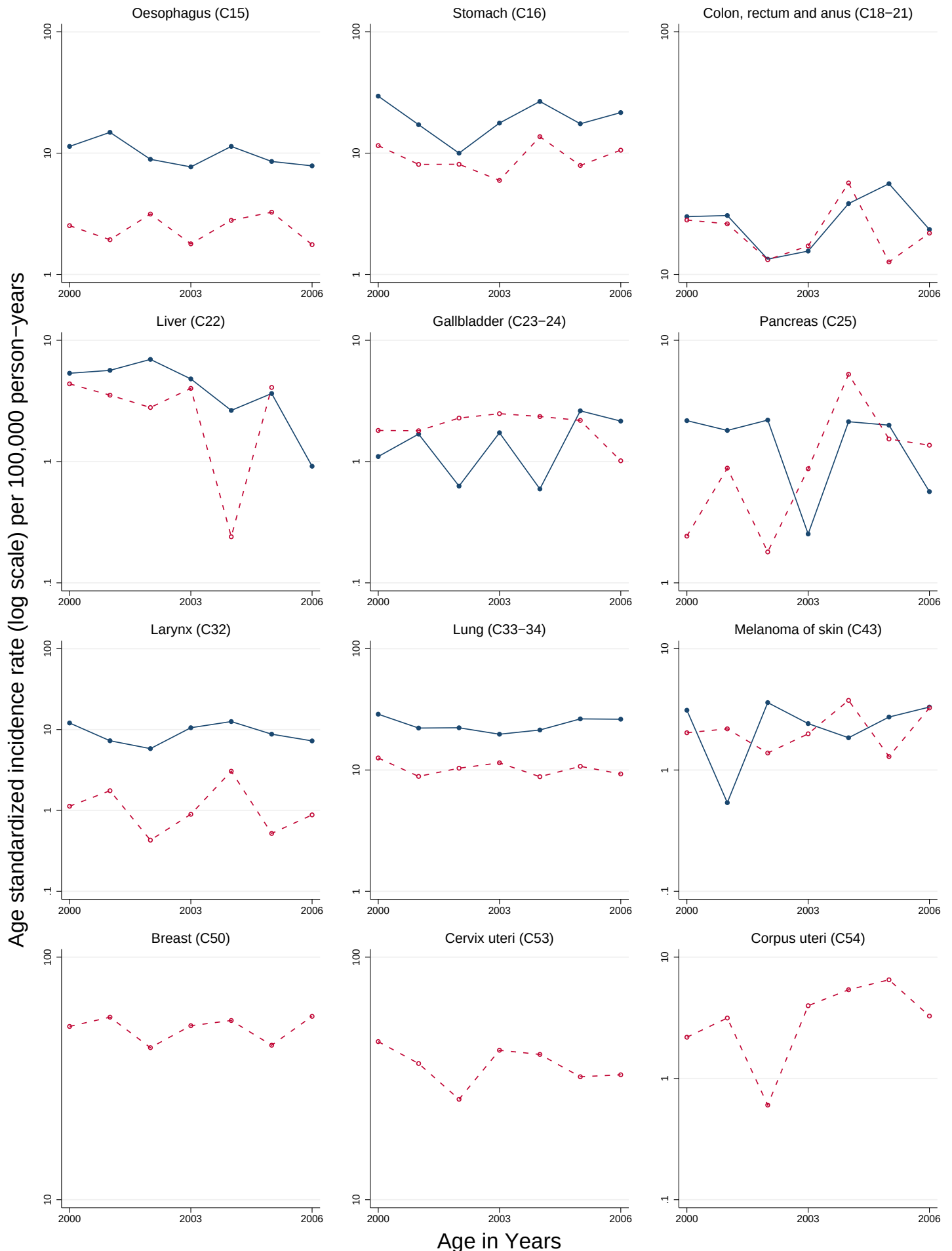
Age in Years



BRAZIL, CUIABA (2000–2006)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

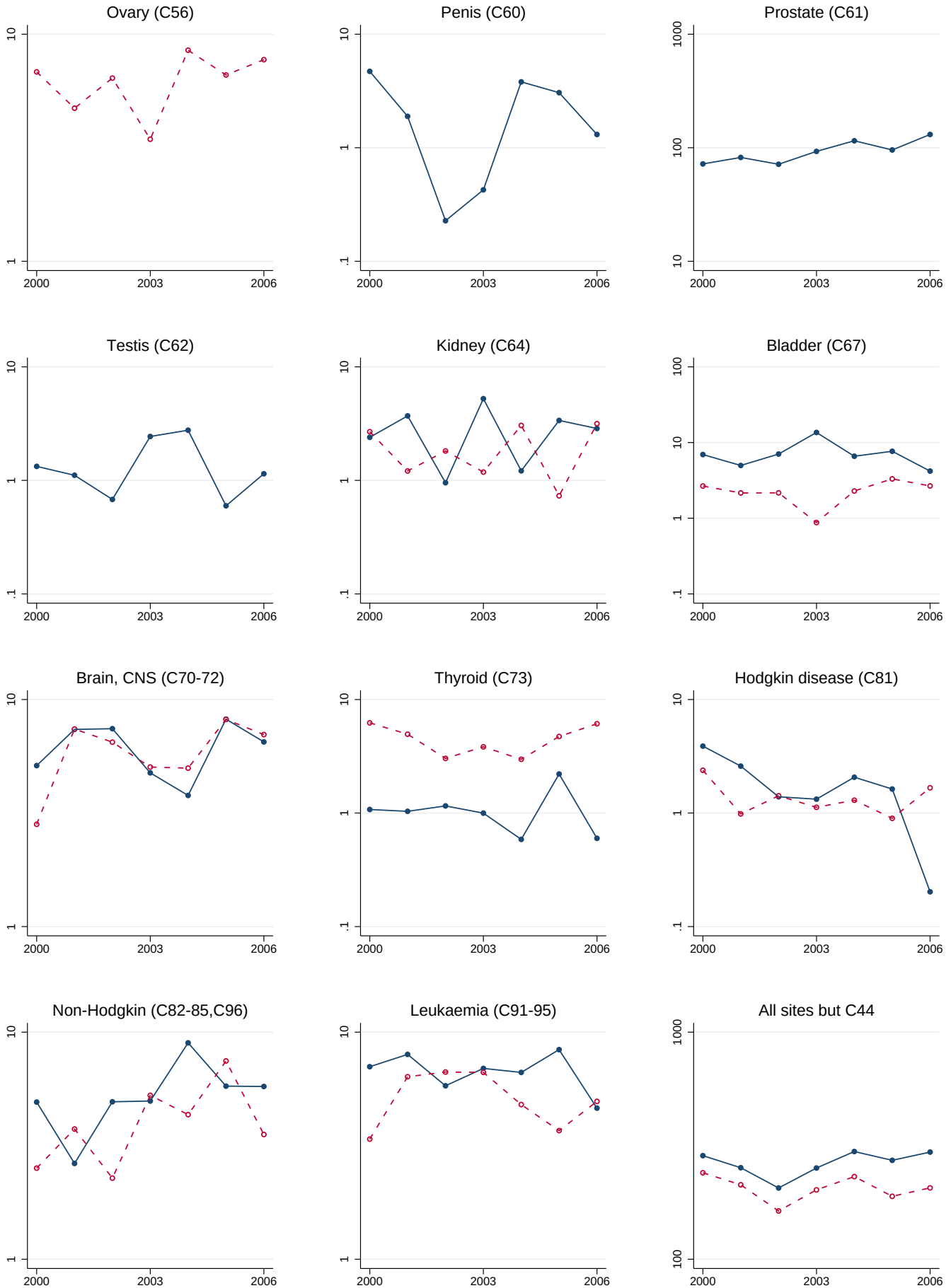


BRAZIL, CUIABA (2000-2006)

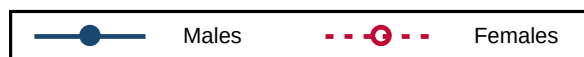
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

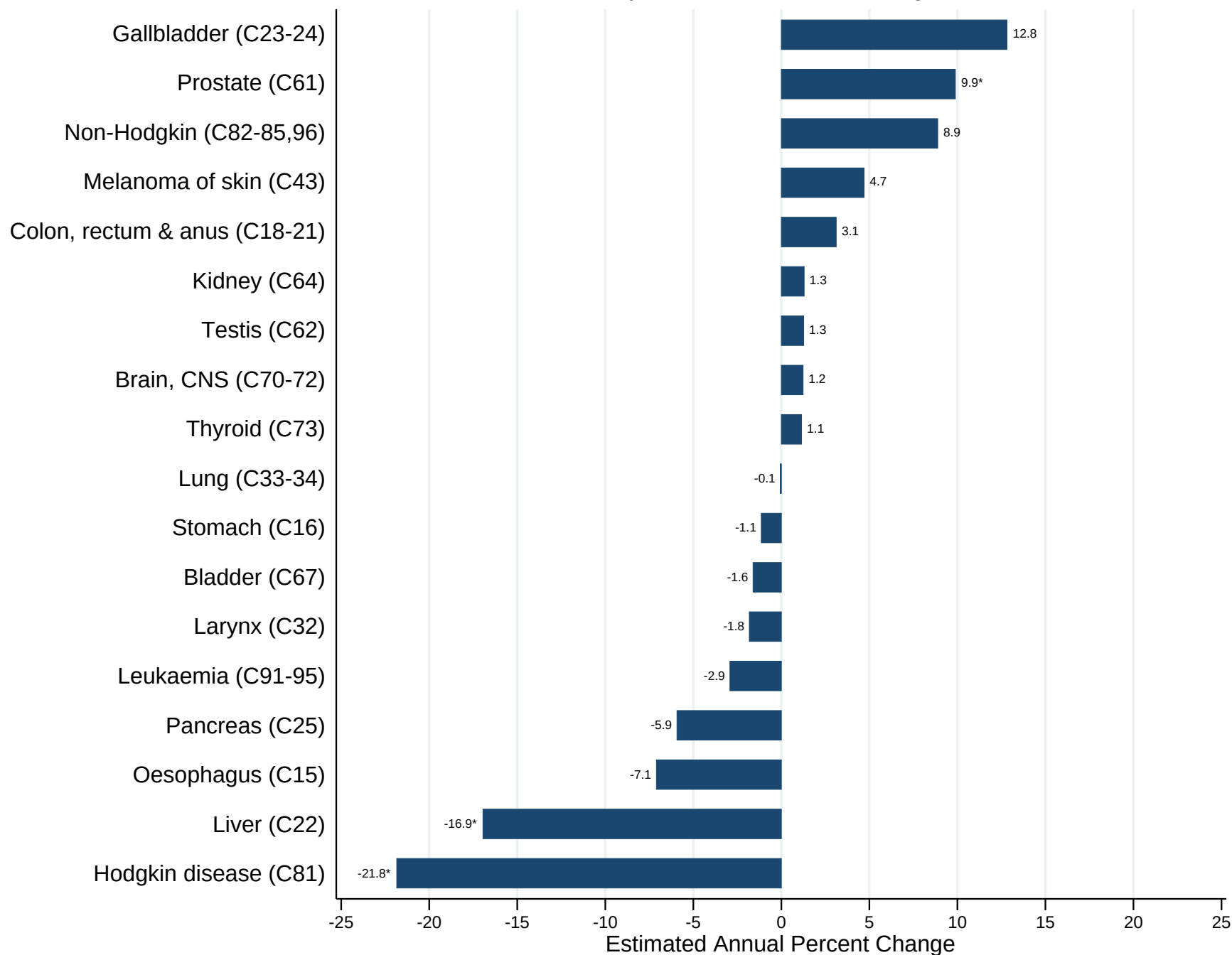


Age in Years



BRAZIL, CUIABA (2000-2006)

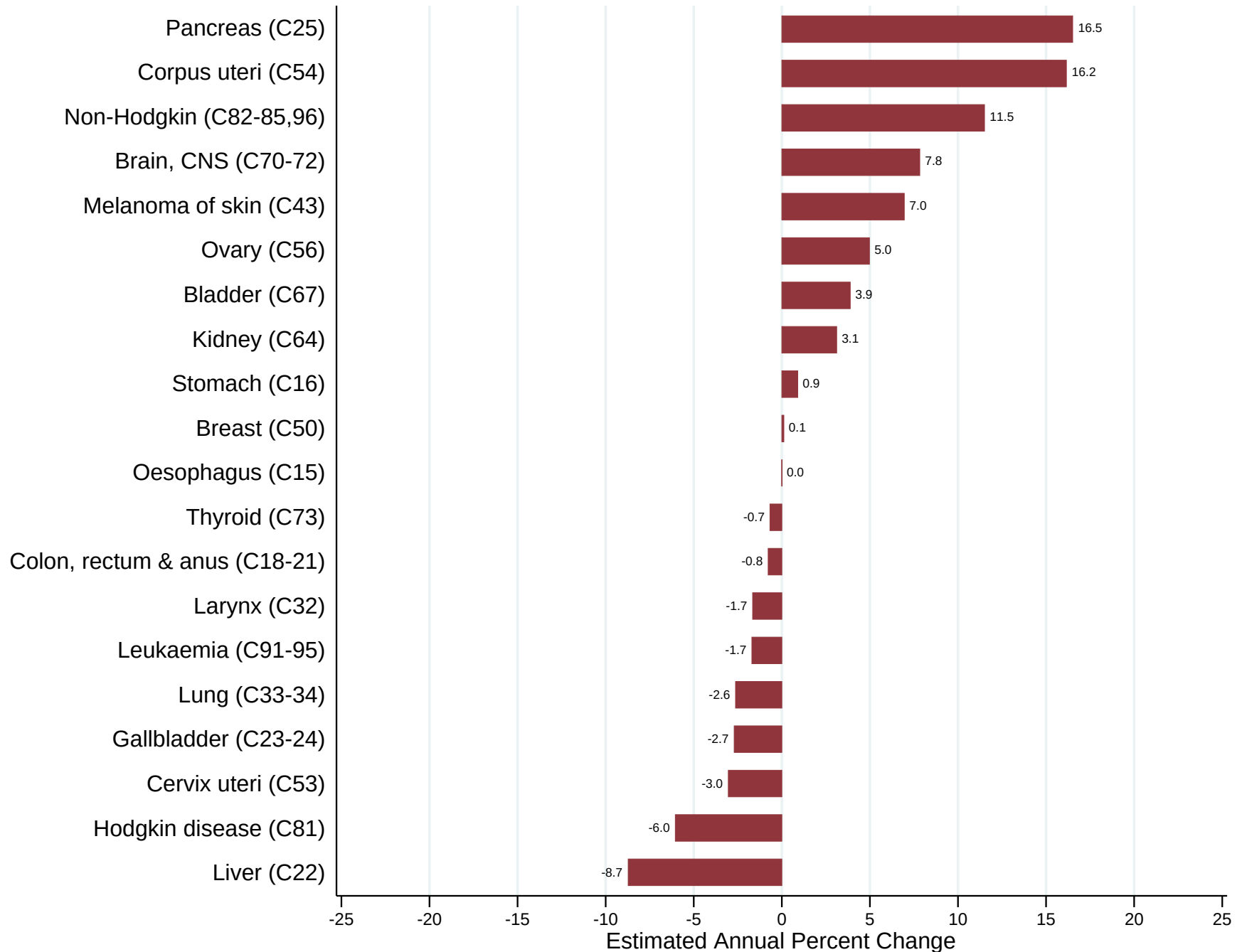
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, CUIABA (2000-2006)

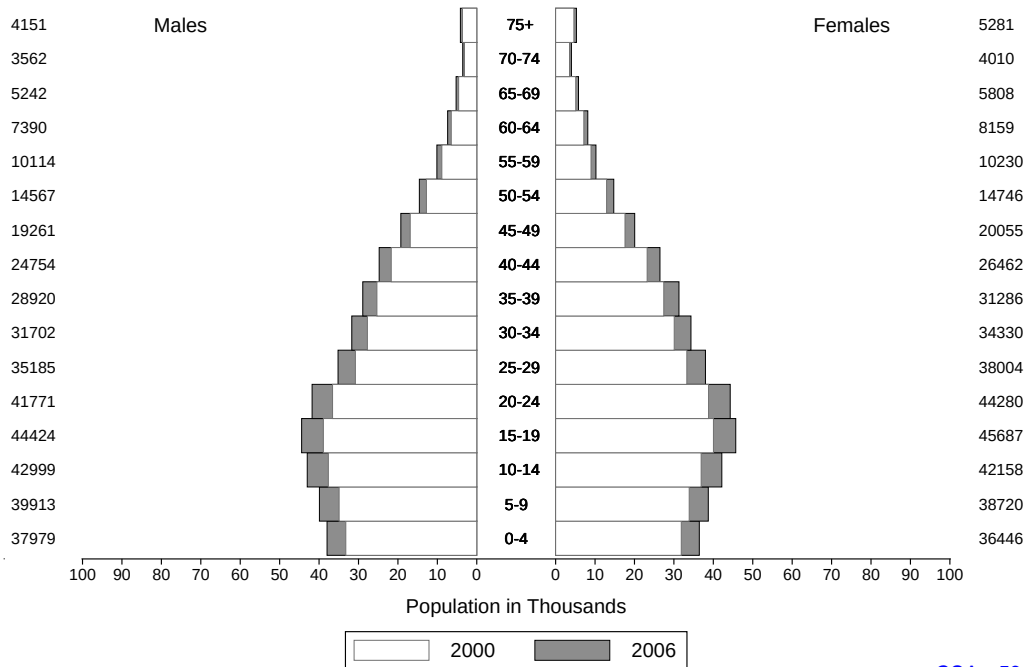
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, CUIABA (2000-2006)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, CURITIBA (2003-2007)

Registry Director*: Dr Cyntia Asturian Laporte

Registry Staff*: Cintia da Costa Marques, Edir Walewski, Kênia Maria Brero Del Pino, Maria Rita Ostrovski Martins, Vivian de Fátima Blanchet

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, CURITIBA (2003-2007)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	115 (6.4)	109 (5.7)	115 (6.3)	117 (5.8)	141 (6.4)	597 (6.1)
Digestive organs (C15-C26)	427 (23.6)	449 (23.4)	453 (24.7)	481 (23.8)	508 (23.1)	2318 (23.7)
Respiratory organs (C30-C39)	197 (10.9)	202 (10.5)	200 (10.9)	185 (9.2)	200 (9.1)	984 (10.1)
Bone, cartilage, and skin (C40-C44)	268 (14.8)	303 (15.8)	276 (15.1)	398 (19.7)	466 (21.2)	1711 (17.5)
Breast (C50)	4 (0.2)	4 (0.2)	2 (0.1)	2 (0.1)	2 (0.1)	14 (0.1)
Male genitalia (C60-C63)	396 (21.9)	423 (22.1)	402 (22.0)	404 (20.0)	466 (21.2)	2091 (21.4)
Urinary organs (C64-C68)	110 (6.1)	111 (5.8)	89 (4.9)	122 (6.0)	108 (4.9)	540 (5.5)
Eye, brain, and thyroid (C69-C75)	60 (3.3)	69 (3.6)	60 (3.3)	77 (3.8)	81 (3.7)	347 (3.5)
Hematopoietic (C81-C96)	144 (8.0)	157 (8.2)	146 (8.0)	149 (7.4)	139 (6.3)	735 (7.5)
Other and unspecified	85 (4.7)	90 (4.7)	88 (4.8)	83 (4.1)	92 (4.2)	438 (4.5)
All sites	1806 (100.0)	1917 (100.0)	1831 (100.0)	2018 (100.0)	2203 (100.0)	9775 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	23 (1.2)	31 (1.5)	19 (1.0)	33 (1.5)	26 (1.1)	132 (1.2)
Digestive organs (C15-C26)	348 (17.5)	353 (17.4)	390 (19.7)	411 (18.7)	422 (17.6)	1924 (18.2)
Respiratory organs (C30-C39)	92 (4.6)	102 (5.0)	118 (6.0)	108 (4.9)	109 (4.5)	529 (5.0)
Bone, cartilage, and skin (C40-C44)	325 (16.4)	299 (14.8)	262 (13.2)	425 (19.3)	504 (21.0)	1815 (17.1)
Breast (C50)	564 (28.4)	550 (27.1)	570 (28.7)	552 (25.1)	612 (25.5)	2848 (26.9)
Female genitalia (C51-C58)	286 (14.4)	308 (15.2)	268 (13.5)	272 (12.4)	309 (12.9)	1443 (13.6)
Urinary organs (C64-C68)	41 (2.1)	56 (2.8)	47 (2.4)	54 (2.5)	59 (2.5)	257 (2.4)
Eye, brain, and thyroid (C69-C75)	109 (5.5)	124 (6.1)	119 (6.0)	129 (5.9)	132 (5.5)	613 (5.8)
Hematopoietic (C81-C96)	120 (6.1)	128 (6.3)	133 (6.7)	135 (6.1)	148 (6.2)	664 (6.3)
Other and unspecified	75 (3.8)	76 (3.7)	57 (2.9)	80 (3.6)	75 (3.1)	363 (3.4)
All sites	1983 (100.0)	2027 (100.0)	1983 (100.0)	2199 (100.0)	2396 (100.0)	10588 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	138 (3.6)	140 (3.5)	134 (3.5)	150 (3.6)	167 (3.6)	729 (3.6)
Digestive organs (C15-C26)	775 (20.5)	802 (20.3)	843 (22.1)	892 (21.2)	930 (20.2)	4242 (20.8)
Respiratory organs (C30-C39)	289 (7.6)	304 (7.7)	318 (8.3)	293 (6.9)	309 (6.7)	1513 (7.4)
Bone, cartilage, and skin (C40-C44)	593 (15.7)	602 (15.3)	538 (14.1)	823 (19.5)	970 (21.1)	3526 (17.3)
Urinary organs (C64-C68)	151 (4.0)	167 (4.2)	136 (3.6)	176 (4.2)	167 (3.6)	797 (3.9)
Eye, brain, and thyroid (C69-C75)	169 (4.5)	193 (4.9)	179 (4.7)	206 (4.9)	213 (4.6)	960 (4.7)
Hematopoietic (C81-C96)	264 (7.0)	285 (7.2)	279 (7.3)	284 (6.7)	287 (6.2)	1399 (6.9)
Other and unspecified	160 (4.2)	166 (4.2)	145 (3.8)	163 (3.9)	167 (3.6)	801 (3.9)
All sites	3789 (100.0)	3944 (100.0)	3814 (100.0)	4217 (100.0)	4599 (100.0)	20363 (100.0)

BRAZIL, CURITIBA (2003-2007)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	17.7 (5.9)	17.0 (5.5)	17.9 (6.2)	17.3 (5.5)	17.9 (6.1)	17.6 (5.9)
Digestive organs (C15-C26)	72.2 (24.1)	73.5 (23.7)	71.4 (24.8)	74.9 (24.0)	67.9 (23.1)	71.8 (23.9)
Respiratory organs (C30-C39)	34.2 (11.4)	34.4 (11.1)	32.4 (11.3)	29.0 (9.3)	27.3 (9.3)	31.2 (10.4)
Bone, cartilage, and skin (C40-C44)	43.8 (14.6)	48.3 (15.6)	42.5 (14.8)	62.3 (20.0)	62.2 (21.1)	52.3 (17.4)
Breast (C50)	0.6 (0.2)	0.7 (0.2)	0.3 (0.1)	0.3 (0.1)	0.2 (0.1)	0.4 (0.1)
Male genitalia (C60-C63)	68.1 (22.7)	72.2 (23.3)	67.2 (23.3)	65.7 (21.1)	64.5 (21.9)	67.3 (22.4)
Urinary organs (C64-C68)	18.7 (6.3)	18.2 (5.9)	14.4 (5.0)	18.8 (6.0)	14.8 (5.0)	16.9 (5.6)
Eye, brain, and thyroid (C69-C75)	8.9 (3.0)	10.0 (3.2)	7.9 (2.7)	10.3 (3.3)	10.1 (3.4)	9.4 (3.1)
Hematopoietic (C81-C96)	21.7 (7.2)	22.5 (7.2)	20.7 (7.2)	21.3 (6.8)	17.5 (5.9)	20.6 (6.8)
Other and unspecified	13.7 (4.6)	13.6 (4.4)	13.1 (4.6)	12.0 (3.8)	11.9 (4.0)	12.8 (4.3)
All sites	299.7 (100.0)	310.3 (100.0)	287.9 (100.0)	311.8 (100.0)	294.3 (100.0)	300.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	2.8 (1.2)	3.4 (1.5)	2.0 (0.9)	3.7 (1.5)	2.5 (1.1)	2.9 (1.2)
Digestive organs (C15-C26)	42.0 (18.1)	40.9 (17.4)	43.6 (19.8)	45.2 (18.9)	39.2 (17.4)	42.0 (18.3)
Respiratory organs (C30-C39)	11.7 (5.0)	12.0 (5.1)	13.7 (6.2)	12.1 (5.1)	10.8 (4.8)	12.0 (5.2)
Bone, cartilage, and skin (C40-C44)	37.2 (16.0)	33.8 (14.4)	28.6 (13.0)	46.1 (19.3)	46.1 (20.5)	38.7 (16.8)
Breast (C50)	65.2 (28.0)	63.9 (27.1)	63.6 (28.8)	60.0 (25.1)	57.3 (25.5)	61.7 (26.8)
Female genitalia (C51-C58)	33.2 (14.3)	36.8 (15.6)	29.4 (13.3)	29.0 (12.1)	29.3 (13.0)	31.4 (13.6)
Urinary organs (C64-C68)	4.9 (2.1)	6.6 (2.8)	5.2 (2.4)	6.1 (2.6)	5.5 (2.5)	5.7 (2.5)
Eye, brain, and thyroid (C69-C75)	12.3 (5.3)	14.0 (5.9)	13.1 (5.9)	13.5 (5.6)	12.2 (5.4)	13.0 (5.7)
Hematopoietic (C81-C96)	14.4 (6.2)	15.2 (6.4)	15.1 (6.8)	15.0 (6.2)	15.0 (6.6)	14.8 (6.4)
Other and unspecified	8.8 (3.8)	8.9 (3.8)	6.2 (2.8)	8.8 (3.7)	7.2 (3.2)	7.9 (3.5)
All sites	232.6 (100.0)	235.6 (100.0)	220.6 (100.0)	239.3 (100.0)	225.0 (100.0)	230.2 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	9.3 (3.6)	9.4 (3.6)	8.9 (3.6)	9.5 (3.6)	9.2 (3.6)	9.2 (3.6)
Digestive organs (C15-C26)	54.7 (21.2)	54.4 (20.6)	55.6 (22.5)	57.6 (21.6)	51.2 (20.3)	54.5 (21.2)
Respiratory organs (C30-C39)	20.8 (8.1)	21.4 (8.1)	21.4 (8.7)	19.1 (7.1)	17.5 (7.0)	19.9 (7.7)
Bone, cartilage, and skin (C40-C44)	39.8 (15.4)	39.9 (15.1)	34.6 (14.0)	52.8 (19.7)	52.6 (20.9)	44.3 (17.2)
Urinary organs (C64-C68)	10.7 (4.1)	11.5 (4.3)	8.9 (3.6)	11.4 (4.3)	9.3 (3.7)	10.3 (4.0)
Eye, brain, and thyroid (C69-C75)	10.7 (4.1)	12.0 (4.5)	10.7 (4.3)	11.9 (4.5)	11.2 (4.5)	11.3 (4.4)
Hematopoietic (C81-C96)	17.6 (6.8)	18.4 (7.0)	17.6 (7.1)	17.8 (6.7)	16.1 (6.4)	17.4 (6.8)
Other and unspecified	10.8 (4.2)	11.0 (4.2)	9.2 (3.7)	10.3 (3.8)	9.2 (3.6)	10.0 (3.9)
All sites	257.8 (100.0)	264.4 (100.0)	246.9 (100.0)	267.4 (100.0)	251.7 (100.0)	257.2 (100.0)

BRAZIL, CURITIBA (2003-2007)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	597	0	.	.	.	0.2	0.2	0.5	2.2	6.9	12.4	30.4	41.9	72.2	75.4	87.9	83.2	103.7	14.3	17.6	2.07	91	8	5	C00-14
Oesophagus (C15)	356	0	.	.	.	.	.	.	0.3	1.2	4.8	13.0	24.5	43.5	48.7	76.6	59.0	73.9	8.5	11.0	1.36	78	20	6	C15
Stomach (C16)	609	0	.	.	.	.	.	1.5	2.2	4.2	8.6	17.8	25.0	44.9	67.1	103.0	175.1	224.8	14.5	18.9	2.25	76	22	4	C16
Colon (C18)	494	0	0.3	.	.	.	0.9	1.0	1.4	3.0	5.9	14.6	20.4	42.8	61.6	98.0	126.6	154.0	11.8	15.4	1.88	80	18		C18
Rectum (C19-20)	360	0	.	.	0.3	0.2	.	.	1.9	3.9	6.5	10.1	18.9	35.0	48.7	52.8	78.0	105.3	8.6	10.9	1.28	92	8		C19-20
Colorectal (C18-20)	854	0	0.3	.	0.3	0.2	0.9	1.0	3.3	6.9	12.4	24.7	39.3	77.8	110.3	150.8	204.6	259.4	20.4	26.4	3.16	85	13	2	C18-20
Anus (C21)	17	0	.	.	.	.	.	.	0.3	.	0.3	0.8	0.5	2.8	0.9	2.5	3.5	4.7	0.4	0.5	0.06	88	12	24	C21
Colon, rectum and anus (C18-21)	871	0	0.3	.	0.3	0.2	0.9	1.0	3.6	6.9	12.7	25.5	39.8	80.6	111.3	153.3	208.1	264.1	20.8	26.9	3.22	85	13		C18-21
Liver (C22)	181	0	.	0.3	.	.	0.5	0.5	0.3	0.3	1.4	5.3	12.8	25.9	12.9	41.5	36.4	42.4	4.3	5.6	0.69	53	41	16	C22
Gallbladder (C23-24)	70	0	.	.	.	.	.	.	.	0.3	0.7	1.2	3.6	4.9	9.2	20.1	13.9	25.2	1.7	2.3	0.27	66	34	19	C23-24
Pancreas (C25)	201	0	.	.	.	.	.	.	.	0.9	3.8	6.1	11.7	18.9	19.3	38.9	48.5	66.0	4.8	6.2	0.74	52	44	13	C25
Nose, sinuses (C30-31)	17	0	.	.	.	.	.	.	.	0.9	0.3	0.4	0.5	2.8	0.9	2.5	3.5	3.1	0.4	0.5	0.06	100	0	25	C30-31
Larynx (C32)	248	0	.	.	.	.	.	.	0.3	1.2	2.4	8.5	12.8	32.9	33.1	40.2	50.3	72.3	5.9	7.7	0.91	83	11	9	C32
Lung, trachea and bronchus (C33-34)	705	0	0.3	.	.	0.2	0.2	0.3	0.3	1.2	4.5	11.8	29.6	59.6	99.3	126.9	206.3	287.7	16.8	22.7	2.70	65	32	3	C33-34
Melanoma of skin (C43)	206	0	.	.	.	0.2	0.7	2.3	3.0	3.0	8.3	7.3	12.3	14.7	15.6	32.7	26.0	42.4	4.9	5.7	0.63	89	8	15	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	.	.	.	0.7	.	1.3	.	1.6	0.1	0.1	0.01	100	0	27	C45
Kaposi sarcoma (C46)	26	0	.	.	.	.	.	0.8	1.4	1.8	1.4	1.6	0.5	0.7	.	.	3.5	.	0.6	0.6	0.06	92	4	23	C46
Breast (C50)	14	0	.	.	.	.	.	0.3	.	.	.	.	2.0	.	0.9	1.3	5.2	6.3	0.3	0.4	0.05	86	14	26	C50
Penis (C60)	19	0	.	.	.	.	0.2	0.3	.	.	.	0.4	1.0	2.8	0.9	8.8	1.7	1.6	0.5	0.6	0.08	100	0	22	C60
Prostate (C61)	1899	0	.	.	.	.	.	.	0.3	.	3.1	11.8	48.5	133.9	246.4	476.1	651.9	866.1	45.4	63.2	7.86	87	13	1	C61
Testis (C62)	173	0	0.6	0.3	0.3	3.2	7.3	11.3	9.1	5.4	4.8	2.4	0.5	2.8	1.8	1.3	3.5	.	4.1	3.5	0.27	95	5	17	C62
Kidney (C64)	200	0	0.9	.	.	.	.	0.3	0.3	1.8	4.8	9.3	12.8	18.9	24.8	22.6	41.6	48.7	4.8	6.0	0.69	82	17	14	C64
Bladder (C67)	335	0	.	.	.	.	.	0.5	0.3	2.4	2.1	5.3	11.2	20.3	46.0	51.5	102.3	163.5	8.0	10.7	1.21	87	12	8	C67
Brain, CNS (C70-72)	262	0	2.0	0.8	1.9	1.2	2.4	2.8	4.9	3.3	5.9	10.5	15.8	20.3	19.3	31.4	24.3	42.4	6.3	7.2	0.73	67	29	12	C70-72
Thyroid (C73)	55	0	.	.	0.3	0.2	0.7	1.3	1.9	1.2	1.7	2.8	3.1	4.2	2.8	3.8	3.5	3.1	1.3	1.3	0.14	100	0	21	C73
Hodgkin disease (C81)	86	0	0.6	1.7	1.3	3.2	2.8	3.1	1.6	1.8	1.7	0.4	2.0	2.1	1.8	3.8	3.5	6.3	2.1	2.0	0.16	91	9	20	C81
Non-Hodgkin lymphoma (C82-85;C96)	283	0	1.2	1.4	2.7	0.7	0.7	2.6	6.6	6.3	9.3	10.9	15.8	12.6	21.1	35.2	34.7	45.6	6.8	7.6	0.81	86	13	11	C82-85;C96
Multiple myeloma (C88-C90)	101	0	.	.	.	.	.	.	.	0.3	1.4	1.6	4.6	8.4	17.5	22.6	26.0	29.9	2.4	3.3	0.41	80	17	18	C88-C90
Lymphoid leukaemia (C91)	121	0	6.0	3.1	1.9	1.5	0.7	1.5	0.3	0.9	1.0	2.0	3.1	7.7	5.5	10.1	22.5	17.3	2.9	3.5	0.34	88	12		C91
Myeloid leukaemia (C92-94)	130	0	2.3	1.7	0.8	1.5	1.4	1.3	1.1	2.1	2.1	3.2	2.6	9.8	8.3	20.1	22.5	22.0	3.1	3.7	0.40	79	21		C92-94
Leukaemia unspecified (C95)	14	0	.	0.3	.	.	.	0.3	0.3	0.3	0.7	0.4	.	.	2.8	1.3	.	4.7	0.3	0.4	0.03	43	57		C95
Leukaemia (C91-95)	265	0	8.3	5.0	2.7	2.9	2.1	3.1	1.6	3.3	3.8	5.7	5.6	17.5	16.6	31.4	45.1	44.0	6.3	7.7	0.77	81	19	10	C91-95
Other and unspecified (O&U)	353	0	0.9	0.3	0.8	0.5	0.7	1.0	1.4	2.4	4.1	9.7	16.9	30.8	36.8	40.2	90.2	136.8	8.4	10.7	1.18	54	39	7	O&U
All sites but C44 (ALLbC44)	8309	0	17.8	11.9	11.0	15.4	21.9	36.8	43.2	58.8	107.1	205.1	362.7	686.1	941.6	1476.2	1966.2	2626.7	198.5	254.6	29.81	80	18		ALLbC44
All sites (ALL)	9775	0	18.1	11.9	11.3	15.4	22.2	38.6	46.7	70.2	130.1	239.5	429.1	785.7	1117.2	1736.2	2292.2	3247.6	233.5	300.3	34.82	83	15		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, CURITIBA (2003-2007)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	132	0	.	.	.	0.5	0.2	0.5	1.0	1.1	1.5	4.1	5.7	6.4	10.2	12.7	19.9	28.3	2.9	2.9	0.32	92	8	15	C00-14
Oesophagus (C15)	88	0	.	.	.	.	.	.	.	0.3	0.6	.	3.1	4.6	7.3	20.9	16.4	19.7	1.9	2.0	0.27	72	26	21	C15
Stomach (C16)	399	0	.	.	.	.	0.7	2.2	3.3	5.6	5.9	11.1	11.3	15.6	23.4	40.8	59.6	102.7	8.8	8.4	0.90	74	24	5	C16
Colon (C18)	545	0	.	.	.	.	0.2	0.2	1.8	3.5	8.6	11.1	20.1	27.8	40.1	72.5	86.4	136.1	12.0	11.9	1.36	75	23		C18
Rectum (C19-20)	344	0	.	.	.	0.2	0.2	1.5	0.8	4.8	5.0	10.0	14.4	24.9	32.1	35.4	47.9	59.9	7.6	7.6	0.88	89	10		C19-20
Colorectal (C18-20)	889	0	.	.	.	0.5	0.5	1.7	2.6	8.3	13.7	21.1	34.5	52.7	72.3	107.9	134.3	196.0	19.5	19.5	2.25	80	18	2	C18-20
Anus (C21)	44	0	.	.	.	.	.	.	.	.	.	1.0	4.4	2.3	3.6	5.4	10.5	6.0	1.0	1.0	0.14	98	2	23	C21
Colon, rectum and anus (C18-21)	933	0	.	.	.	0.5	0.5	1.7	2.6	8.3	13.7	22.1	38.8	55.0	75.9	113.3	144.8	202.0	20.5	20.5	2.38	81	18		C18-21
Liver (C22)	103	0	0.9	0.3	.	.	.	0.2	0.5	0.3	0.3	1.0	0.9	8.7	11.7	11.8	17.5	25.7	2.3	2.4	0.27	48	50	19	C22
Gallbladder (C23-24)	121	0	.	.	.	0.2	.	.	.	0.5	0.6	1.4	4.4	8.1	8.0	18.1	17.5	36.0	2.7	2.6	0.29	57	38	18	C23-24
Pancreas (C25)	226	0	.	.	.	0.2	0.2	.	0.3	0.3	2.1	5.2	7.9	12.2	21.2	31.7	23.4	66.8	5.0	5.0	0.52	51	43	12	C25
Nose, sinuses (C30-31)	9	0	.	.	.	.	.	0.5	.	.	0.3	0.3	0.4	.	0.7	0.9	.	1.7	0.2	0.2	0.02	89	11	25	C30-31
Larynx (C32)	30	0	.	.	.	.	.	.	.	0.3	.	1.4	2.2	2.9	2.9	6.3	1.2	2.6	0.7	0.7	0.09	87	13	24	C32
Lung, trachea and bronchus (C33-34)	472	0	.	.	.	0.5	0.2	0.5	3.2	3.2	3.0	7.6	17.0	29.5	46.7	74.3	85.3	97.6	10.4	10.7	1.34	67	29	4	C33-34
Melanoma of skin (C43)	232	0	.	.	.	0.5	0.5	2.4	3.9	3.5	6.2	10.4	12.7	13.3	8.8	13.6	22.2	36.8	5.1	4.8	0.49	90	9	14	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	0.3	.	.	.	.	.	.	0.9	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	5	0	.	.	.	.	.	.	0.3	.	0.3	.	0.4	.	.	.	.	1.7	0.1	0.1	0.00	100	0	26	C46
Breast (C50)	2848	0	.	.	.	1.4	7.0	19.8	50.3	74.3	134.3	177.1	207.2	207.2	229.9	223.0	250.0	315.9	62.6	61.7	6.87	94	6	1	C50
Cervix uteri (C53)	658	0	.	.	.	2.8	7.5	10.5	14.7	23.1	24.7	23.1	27.1	44.6	45.3	57.1	57.2	47.9	14.5	14.0	1.57	92	7	3	C53
Corpus uteri (C54)	322	0	.	.	.	0.2	0.2	1.3	1.6	1.8	5.9	5.9	16.1	29.5	35.0	39.0	63.1	45.4	7.1	7.4	0.97	95	5	7	C54
Ovary (C56)	343	1	.	.	0.5	1.2	1.4	1.9	3.1	3.2	9.2	13.1	18.8	19.7	24.8	25.4	47.9	41.1	7.5	7.4	0.85	88	12	6	C56
Kidney (C64)	128	0	0.3	.	.	.	.	0.5	1.0	0.5	2.4	2.4	6.5	9.3	14.6	9.1	16.4	24.8	2.8	2.8	0.31	76	21	16	C64
Bladder (C67)	125	0	.	.	.	0.2	0.2	0.2	.	0.3	1.5	1.4	0.9	8.7	9.5	19.9	19.9	37.7	2.7	2.7	0.31	81	18	17	C67
Brain, CNS (C70-72)	218	0	2.1	2.6	2.5	1.7	1.4	1.7	2.3	3.2	3.6	4.1	6.1	15.0	13.9	20.9	17.5	26.5	4.8	4.9	0.49	61	38	13	C70-72
Thyroid (C73)	359	1	.	.	0.5	1.5	4.1	5.1	10.0	10.7	14.0	14.2	20.9	17.4	14.6	17.2	3.5	20.5	7.9	7.2	0.67	97	3	8	C73
Hodgkin disease (C81)	58	0	.	0.3	1.4	2.7	2.8	2.2	2.3	0.8	0.6	0.3	.	0.6	1.5	.	1.2	0.9	1.3	1.2	0.08	98	2	22	C81
Non-Hodgkin lymphoma (C82-85; C96)	264	0	0.6	1.2	0.5	0.5	1.6	3.2	3.3	3.2	2.7	4.8	7.0	12.7	24.8	25.4	36.2	47.1	5.8	5.8	0.64	86	14	11	C82-85;C96
Multiple myeloma (C88-C90)	92	0	.	.	.	.	.	.	0.3	0.5	2.1	1.0	2.6	8.1	8.0	11.8	17.5	17.1	2.0	2.1	0.26	73	24	20	C88-C90
Lymphoid leukaemia (C91)	109	0	8.4	2.9	0.8	1.5	0.5	.	0.5	0.8	0.6	1.0	1.3	3.5	2.9	7.3	5.8	20.5	2.4	2.8	0.19	85	15		C91
Myeloid leukaemia (C92-94)	122	0	0.3	0.3	0.8	1.0	0.9	1.2	2.1	1.9	2.1	2.8	3.5	5.8	9.5	11.8	16.4	13.7	2.7	2.7	0.30	75	25		C92-94
Leukaemia unspecified (C95)	19	0	0.6	.	.	.	.	.	.	0.3	.	1.0	.	0.6	0.7	.	1.2	8.6	0.4	0.4	0.02	42	58		C95
Leukaemia (C91-95)	250	0	9.3	3.2	1.6	2.4	1.4	1.2	2.6	2.9	2.7	4.8	4.8	9.8	13.1	19.0	23.4	42.8	5.5	5.8	0.51	77	23	10	C91-95
Other and unspecified (O&U)	325	0	0.6	.	.	0.5	0.2	0.2	0.5	0.8	3.9	7.6	11.3	11.0	21.9	47.1	57.2	88.2	7.1	7.1	0.81	52	42	9	O&U
All sites but C44 (ALLbC44)	9050	2	17.4	9.5	8.0	13.6	23.0	40.3	71.9	119.6	180.9	289.4	414.1	563.8	692.0	881.2	1066.4	1433.0	199.0	197.1	21.96	83	15		ALLbC44
All sites (ALL)	10588	2	17.4	9.5	8.5	13.8	23.2	43.2	76.3	128.1	199.9	322.2	455.5	648.9	805.9	1044.4	1305.8	1887.6	232.8	230.2	25.52	86	13		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

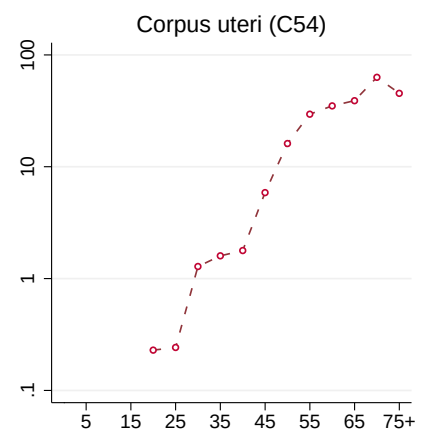
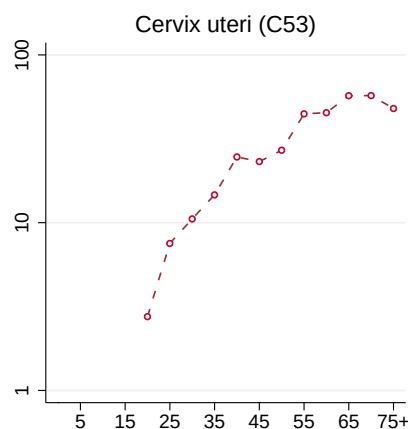
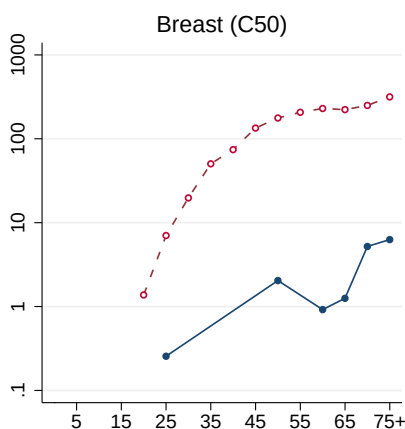
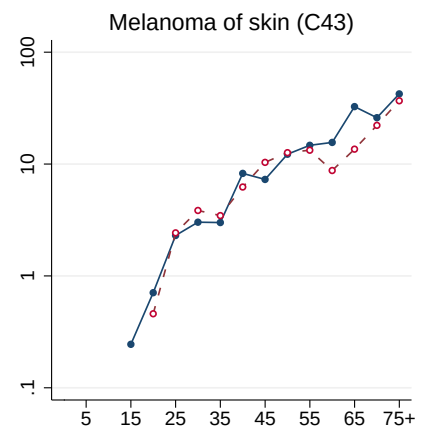
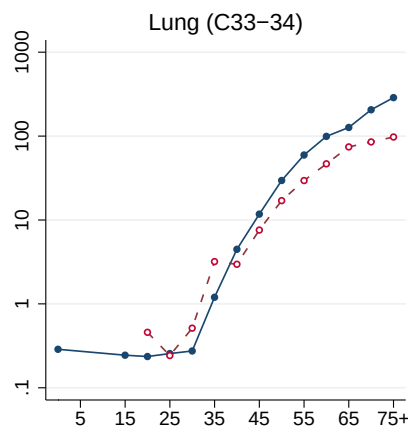
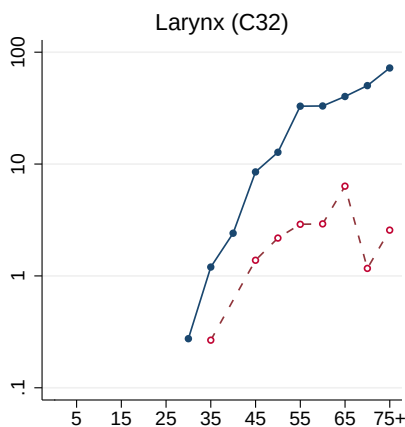
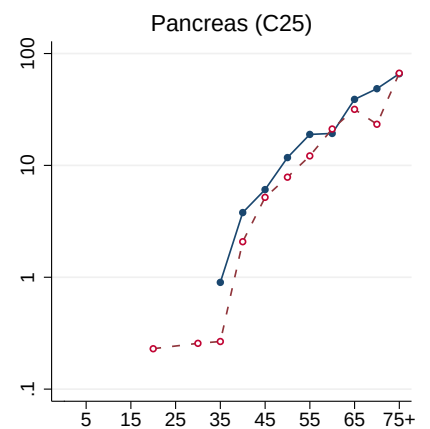
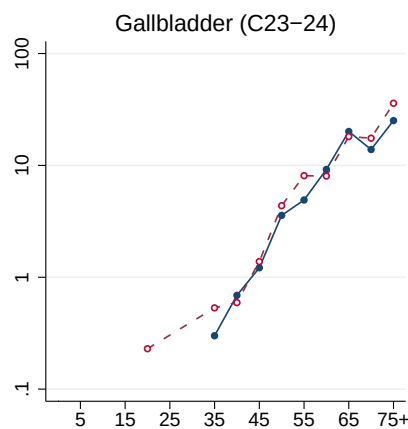
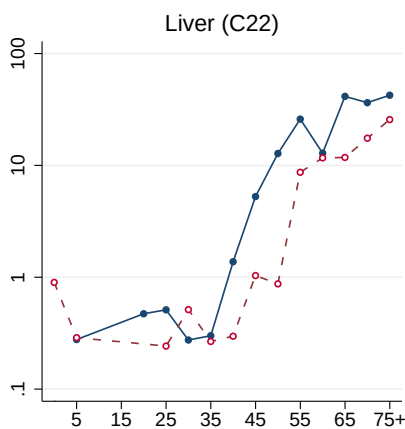
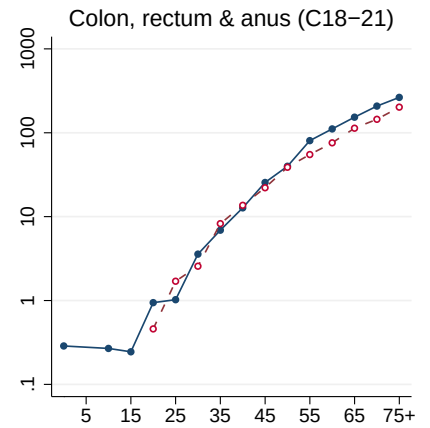
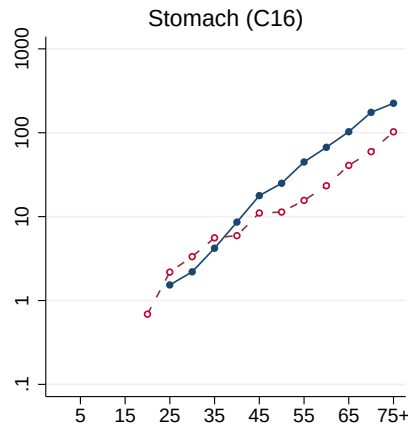
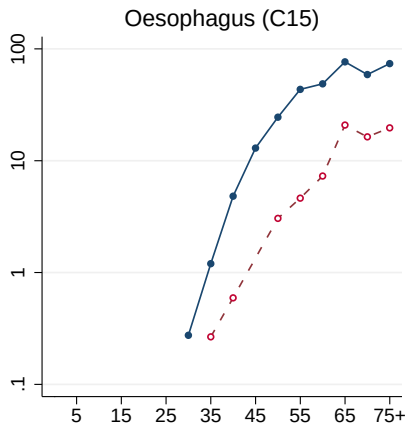
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

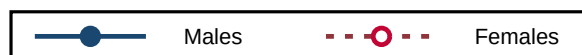
BRAZIL, CURITIBA (2003–2007)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



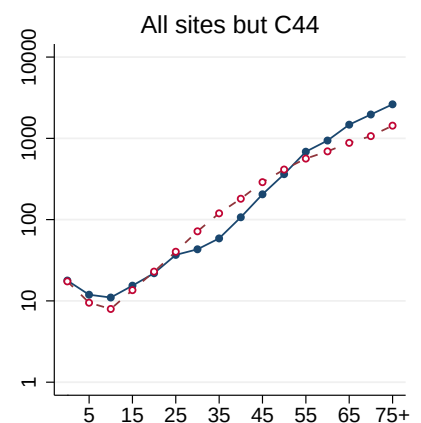
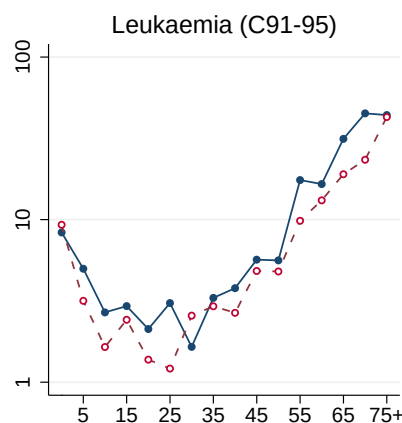
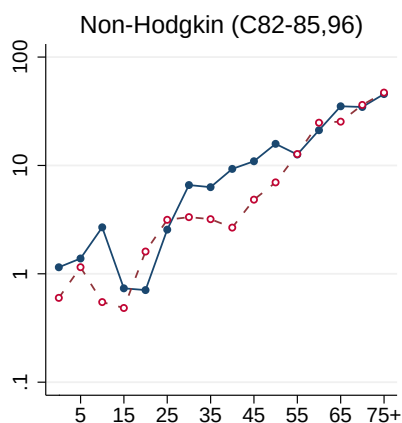
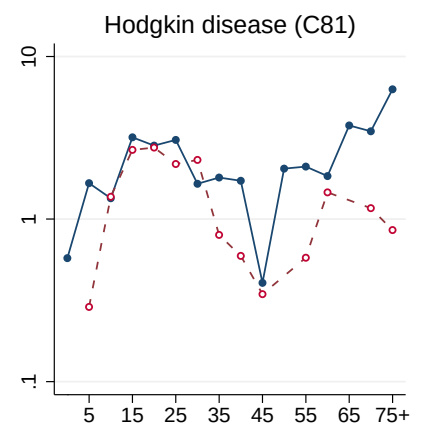
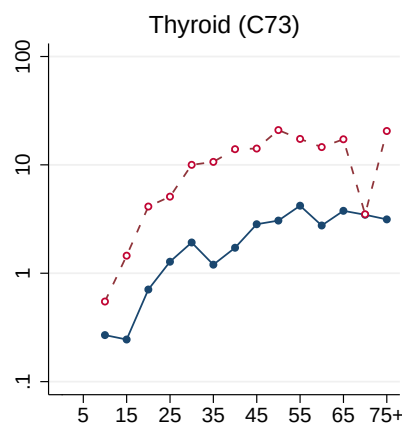
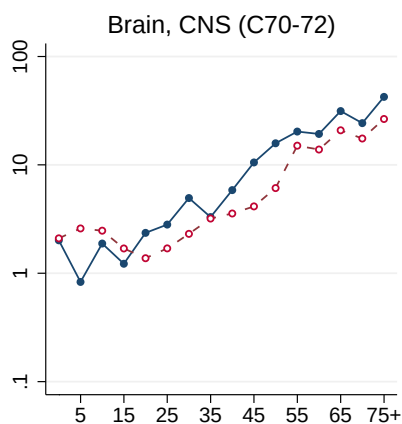
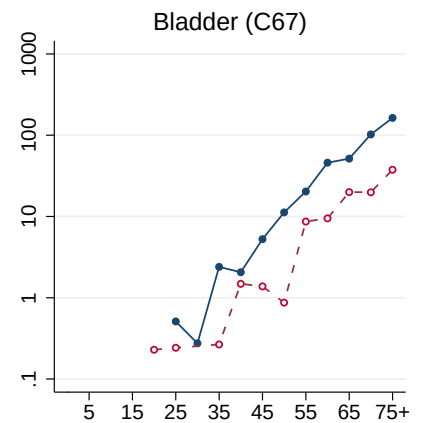
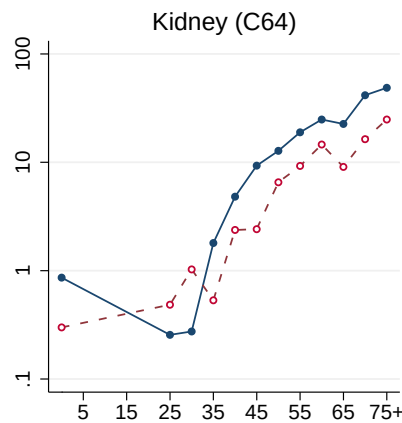
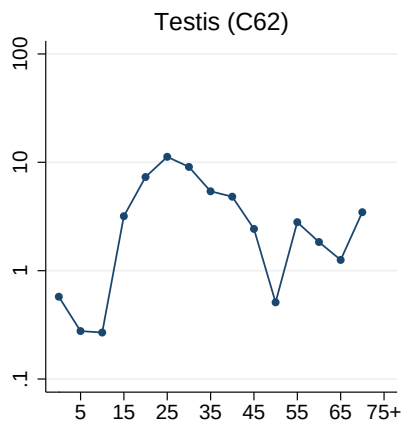
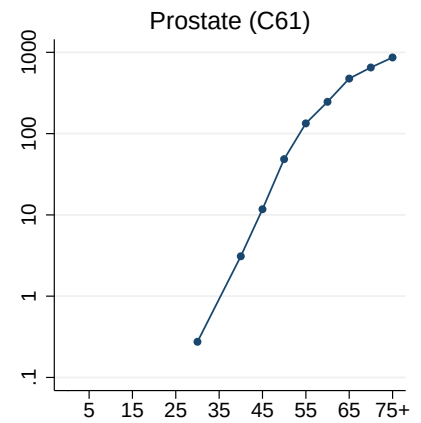
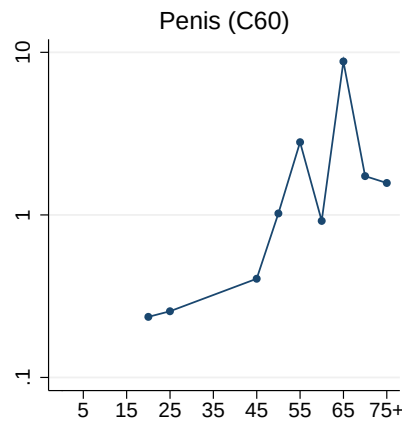
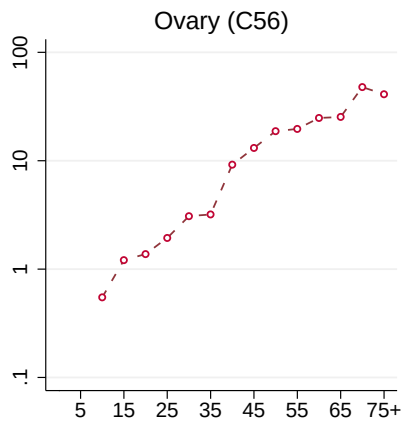
Age in Years



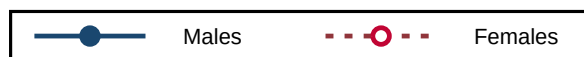
BRAZIL, CURITIBA (2003-2007)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

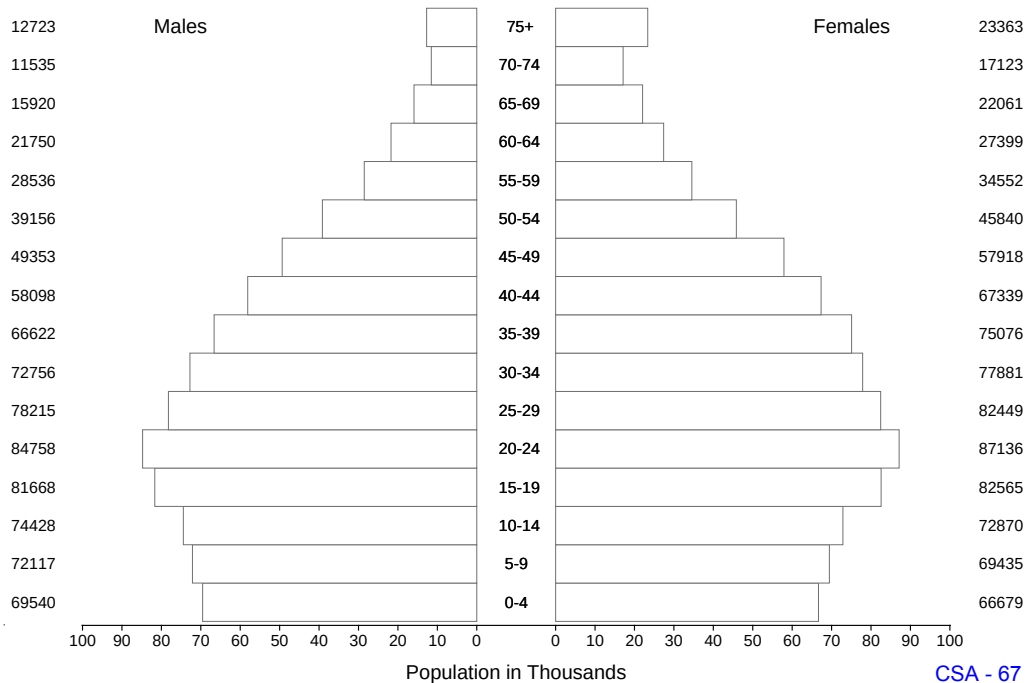


Age in Years



BRAZIL, CURITIBA (2003-2007)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, FORTALEZA (1990–2006)

Registry Director*: Dr Miren Maite Uribe Arregi

Registry Staff*: Francisco de Assis Oliveira Falcão, Raimunda Nonata de Paulo, Maria do Socorro Bevilaqua, Antônio Jose de Moura, Tatiane Cisne Souza

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, FORTALEZA (1990-1994)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1990 n (%)	1991 n (%)	1992 n (%)	1993 n (%)	1994 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	75 (6.7)	79 (7.7)	88 (8.5)	86 (8.6)	90 (8.3)	418 (7.9)
Digestive organs (C15-C26)	229 (20.6)	210 (20.4)	216 (20.9)	196 (19.5)	214 (19.7)	1065 (20.2)
Respiratory organs (C30-C39)	141 (12.7)	92 (8.9)	139 (13.4)	151 (15.0)	147 (13.5)	670 (12.7)
Bone, cartilage, and skin (C40-C44)	271 (24.3)	262 (25.4)	261 (25.2)	230 (22.9)	241 (22.2)	1265 (24.0)
Breast (C50)	2 (0.2)	3 (0.3)	2 (0.2)	3 (0.3)	1 (0.1)	11 (0.2)
Male genitalia (C60-C63)	132 (11.8)	133 (12.9)	147 (14.2)	120 (11.9)	155 (14.3)	687 (13.0)
Urinary organs (C64-C68)	43 (3.9)	36 (3.5)	19 (1.8)	29 (2.9)	31 (2.9)	158 (3.0)
Eye, brain, and thyroid (C69-C75)	30 (2.7)	23 (2.2)	33 (3.2)	20 (2.0)	36 (3.3)	142 (2.7)
Hematopoietic (C81-C96)	111 (10.0)	121 (11.7)	85 (8.2)	92 (9.2)	81 (7.5)	490 (9.3)
Other and unspecified	80 (7.2)	72 (7.0)	45 (4.3)	78 (7.8)	89 (8.2)	364 (6.9)
All sites	1114 (100.0)	1031 (100.0)	1035 (100.0)	1005 (100.0)	1085 (100.0)	5270 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	47 (2.8)	52 (3.6)	34 (2.6)	34 (2.3)	43 (2.8)	210 (2.8)
Digestive organs (C15-C26)	168 (10.1)	139 (9.6)	174 (13.5)	165 (11.3)	152 (9.7)	798 (10.7)
Respiratory organs (C30-C39)	55 (3.3)	52 (3.6)	48 (3.7)	71 (4.9)	50 (3.2)	276 (3.7)
Bone, cartilage, and skin (C40-C44)	250 (15.0)	247 (17.0)	200 (15.5)	213 (14.6)	246 (15.7)	1156 (15.5)
Breast (C50)	404 (24.2)	365 (25.1)	320 (24.7)	365 (25.0)	439 (28.1)	1893 (25.4)
Female genitalia (C51-C58)	496 (29.7)	365 (25.1)	350 (27.1)	403 (27.6)	428 (27.4)	2042 (27.4)
Urinary organs (C64-C68)	20 (1.2)	22 (1.5)	19 (1.5)	23 (1.6)	13 (0.8)	97 (1.3)
Eye, brain, and thyroid (C69-C75)	45 (2.7)	42 (2.9)	33 (2.6)	38 (2.6)	42 (2.7)	200 (2.7)
Hematopoietic (C81-C96)	96 (5.7)	92 (6.3)	45 (3.5)	70 (4.8)	66 (4.2)	369 (5.0)
Other and unspecified	90 (5.4)	79 (5.4)	70 (5.4)	78 (5.3)	84 (5.4)	401 (5.4)
All sites	1671 (100.0)	1455 (100.0)	1293 (100.0)	1460 (100.0)	1563 (100.0)	7442 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	122 (4.4)	131 (5.3)	122 (5.2)	120 (4.9)	133 (5.0)	628 (4.9)
Digestive organs (C15-C26)	397 (14.3)	349 (14.0)	390 (16.8)	361 (14.6)	366 (13.8)	1863 (14.7)
Respiratory organs (C30-C39)	196 (7.0)	144 (5.8)	187 (8.0)	222 (9.0)	197 (7.4)	946 (7.4)
Bone, cartilage, and skin (C40-C44)	521 (18.7)	509 (20.5)	461 (19.8)	443 (18.0)	487 (18.4)	2421 (19.0)
Urinary organs (C64-C68)	63 (2.3)	58 (2.3)	38 (1.6)	52 (2.1)	44 (1.7)	255 (2.0)
Eye, brain, and thyroid (C69-C75)	75 (2.7)	65 (2.6)	66 (2.8)	58 (2.4)	78 (2.9)	342 (2.7)
Hematopoietic (C81-C96)	207 (7.4)	213 (8.6)	130 (5.6)	162 (6.6)	147 (5.6)	859 (6.8)
Other and unspecified	170 (6.1)	151 (6.1)	115 (4.9)	156 (6.3)	173 (6.5)	765 (6.0)
All sites	2785 (100.0)	2486 (100.0)	2328 (100.0)	2465 (100.0)	2648 (100.0)	12712 (100.0)

BRAZIL, FORTALEZA (1990-1994)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1990 ASR (%)	1991 ASR (%)	1992 ASR (%)	1993 ASR (%)	1994 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	16.8 (7.2)	16.5 (7.9)	17.8 (8.6)	17.0 (8.6)	17.4 (8.3)	17.1 (8.1)
Digestive organs (C15-C26)	50.6 (21.7)	45.1 (21.5)	44.6 (21.7)	39.5 (20.0)	43.1 (20.4)	44.5 (21.1)
Respiratory organs (C30-C39)	31.2 (13.4)	19.5 (9.3)	29.3 (14.2)	31.2 (15.8)	30.8 (14.6)	28.4 (13.5)
Bone, cartilage, and skin (C40-C44)	56.6 (24.3)	53.5 (25.5)	52.3 (25.4)	45.8 (23.2)	46.2 (21.9)	50.7 (24.0)
Breast (C50)	0.2 (0.1)	0.6 (0.3)	0.4 (0.2)	0.6 (0.3)	0.2 (0.1)	0.4 (0.2)
Male genitalia (C60-C63)	29.8 (12.8)	29.2 (13.9)	31.6 (15.4)	25.2 (12.8)	33.0 (15.7)	29.8 (14.1)
Urinary organs (C64-C68)	9.3 (4.0)	8.0 (3.8)	3.8 (1.9)	6.0 (3.0)	5.9 (2.8)	6.6 (3.1)
Eye, brain, and thyroid (C69-C75)	5.2 (2.2)	3.8 (1.8)	5.2 (2.5)	3.5 (1.8)	5.9 (2.8)	4.8 (2.3)
Hematopoietic (C81-C96)	16.9 (7.3)	19.8 (9.4)	12.6 (6.1)	14.3 (7.2)	11.7 (5.5)	15.0 (7.1)
Other and unspecified	16.6 (7.1)	13.8 (6.6)	8.3 (4.0)	14.2 (7.2)	16.4 (7.8)	13.9 (6.6)
All sites	233.0 (100.0)	210.0 (100.0)	205.9 (100.0)	197.5 (100.0)	211.0 (100.0)	211.1 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	7.4 (3.0)	7.8 (3.7)	4.8 (2.7)	4.9 (2.4)	5.8 (2.7)	6.1 (2.9)
Digestive organs (C15-C26)	25.8 (10.3)	20.4 (9.7)	24.6 (13.7)	24.2 (11.9)	21.5 (10.0)	23.3 (11.0)
Respiratory organs (C30-C39)	9.0 (3.6)	7.8 (3.7)	6.8 (3.8)	10.5 (5.1)	7.3 (3.4)	8.3 (3.9)
Bone, cartilage, and skin (C40-C44)	38.7 (15.5)	36.7 (17.5)	27.9 (15.5)	29.0 (14.2)	33.8 (15.7)	33.1 (15.7)
Breast (C50)	60.7 (24.3)	53.0 (25.3)	44.5 (24.8)	52.5 (25.8)	62.1 (28.8)	54.5 (25.8)
Female genitalia (C51-C58)	73.6 (29.4)	52.9 (25.2)	48.4 (26.9)	54.3 (26.7)	59.3 (27.5)	57.5 (27.2)
Urinary organs (C64-C68)	3.0 (1.2)	3.1 (1.5)	2.6 (1.5)	3.4 (1.7)	1.8 (0.8)	2.8 (1.3)
Eye, brain, and thyroid (C69-C75)	5.9 (2.3)	5.3 (2.5)	4.0 (2.2)	5.1 (2.5)	5.1 (2.4)	5.1 (2.4)
Hematopoietic (C81-C96)	12.7 (5.1)	11.7 (5.6)	5.8 (3.2)	8.4 (4.1)	8.0 (3.7)	9.3 (4.4)
Other and unspecified	13.5 (5.4)	10.9 (5.2)	10.2 (5.7)	11.2 (5.5)	11.1 (5.1)	11.3 (5.4)
All sites	249.9 (100.0)	209.4 (100.0)	179.7 (100.0)	203.8 (100.0)	215.9 (100.0)	211.3 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	11.4 (4.7)	11.5 (5.6)	10.3 (5.5)	10.0 (5.0)	10.8 (5.1)	10.8 (5.2)
Digestive organs (C15-C26)	36.2 (15.0)	30.7 (14.8)	32.9 (17.4)	30.5 (15.3)	30.5 (14.4)	32.1 (15.3)
Respiratory organs (C30-C39)	18.2 (7.6)	12.6 (6.1)	16.2 (8.5)	19.1 (9.6)	17.1 (8.1)	16.6 (8.0)
Bone, cartilage, and skin (C40-C44)	46.1 (19.1)	43.5 (20.9)	38.1 (20.2)	35.9 (18.0)	38.9 (18.3)	40.4 (19.3)
Urinary organs (C64-C68)	5.6 (2.3)	5.2 (2.5)	3.1 (1.6)	4.4 (2.2)	3.6 (1.7)	4.4 (2.1)
Eye, brain, and thyroid (C69-C75)	5.6 (2.3)	4.6 (2.2)	4.6 (2.4)	4.4 (2.2)	5.5 (2.6)	4.9 (2.4)
Hematopoietic (C81-C96)	14.6 (6.1)	15.2 (7.3)	8.9 (4.7)	11.0 (5.5)	9.6 (4.5)	11.8 (5.6)
Other and unspecified	14.8 (6.1)	12.1 (5.8)	9.4 (5.0)	12.5 (6.3)	13.3 (6.3)	12.4 (5.9)
All sites	240.7 (100.0)	207.7 (100.0)	189.1 (100.0)	199.2 (100.0)	211.9 (100.0)	209.3 (100.0)

BRAZIL, FORTALEZA (1990-1994)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	418	5	.	0.2	0.2	.	0.2	0.8	3.2	5.6	15.0	22.2	37.9	52.9	74.0	88.1	101.1	119.0	10.0	17.1	2.03	94	4	4	C00-14
Oesophagus (C15)	187	6	0.2	.	.	.	.	0.3	0.3	2.4	1.9	10.2	16.7	31.6	40.7	34.0	49.3	51.3	4.5	7.9	0.97	84	14	7	C15
Stomach (C16)	578	40	.	.	.	.	0.5	1.0	1.3	6.8	9.4	24.2	51.5	66.2	94.9	123.6	184.0	188.8	13.8	24.5	3.03	73	22	2	C16
Colon (C18)	87	2	0.2	.	0.2	0.2	0.7	.	0.3	2.0	2.3	3.8	8.3	10.2	8.6	13.9	25.9	30.8	2.1	3.4	0.39	74	20		C18
Rectum (C19-20)	100	1	.	.	.	0.7	.	1.0	0.3	0.8	2.3	2.5	3.8	7.1	16.0	27.8	33.7	49.2	2.4	4.2	0.49	87	4		C19-20
Colorectal (C18-20)	187	3	0.2	.	0.2	0.9	0.7	1.0	0.6	2.8	4.7	6.4	12.1	17.3	24.7	41.7	59.6	80.0	4.5	7.6	0.88	81	11	8	C18-20
Anus (C21)	5	0	.	.	.	.	0.2	0.5	0.3	.	0.5	.	.	.	.	.	.	.	0.1	0.1	0.01	80	0	27	C21
Colon, rectum and anus (C18-21)	192	3	0.2	.	0.2	0.9	0.9	1.5	1.0	2.8	5.2	6.4	12.1	17.3	24.7	41.7	59.6	80.0	4.6	7.7	0.89	81	11		C18-21
Liver (C22)	12	0	.	.	.	.	.	.	0.3	.	0.9	1.3	.	1.0	.	4.6	7.8	.	0.3	0.5	0.08	75	8	23	C22
Gallbladder (C23-24)	18	2	.	.	.	.	.	.	.	0.4	.	2.5	0.8	1.0	1.2	4.6	2.6	8.2	0.4	0.7	0.07	78	0	20	C23-24
Pancreas (C25)	50	0	0.2	.	.	0.2	.	0.3	.	0.4	1.4	3.2	3.8	5.1	9.9	12.4	10.4	16.4	1.2	2.1	0.24	50	30	16	C25
Nose, sinuses (C30-31)	16	0	.	.	0.2	.	.	.	.	0.4	.	0.6	.	1.0	3.7	.	13.0	8.2	0.4	0.7	0.09	94	0	21	C30-31
Larynx (C32)	193	10	0.2	.	.	.	0.2	.	.	2.8	4.2	5.1	12.1	35.6	30.8	44.8	64.8	55.4	4.6	8.2	1.06	88	7	6	C32
Lung, trachea and bronchus (C33-34)	440	7	0.2	.	.	0.2	0.2	1.3	1.6	3.6	6.1	24.8	34.1	40.7	101.1	115.9	119.2	145.7	10.5	18.8	2.28	74	19	3	C33-34
Melanoma of skin (C43)	64	8	.	.	.	.	0.2	0.3	1.3	1.6	1.9	1.3	6.1	2.0	6.2	12.4	20.7	18.5	1.5	2.5	0.31	94	6	15	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	.	.	.	1.0	.	.	2.6	2.1	0.1	0.1	0.02	100	0	26	C45
Kaposi sarcoma (C46)	8	0	.	.	.	.	.	.	1.0	0.4	0.9	.	1.5	.	.	.	.	.	0.2	0.2	0.02	63	25	25	C46
Breast (C50)	11	2	.	.	.	.	.	.	0.6	.	.	1.3	0.8	1.0	.	.	2.6	4.1	0.3	0.4	0.04	91	9	24	C50
Penis (C60)	63	2	.	.	.	.	.	.	0.6	1.2	1.4	5.7	3.8	9.2	3.7	10.8	28.5	18.5	1.5	2.6	0.34	95	0	13	C60
Prostate (C61)	598	12	.	.	.	.	.	0.3	0.6	1.2	1.4	1.9	12.1	44.8	67.8	160.7	264.4	519.1	14.3	26.5	2.83	76	18	1	C61
Testis (C62)	25	0	.	.	.	.	0.2	1.5	1.9	0.8	1.4	1.9	0.8	1.0	1.2	1.5	.	.	0.6	0.7	0.06	96	4	22	C62
Kidney (C64)	64	0	0.6	0.4	.	.	0.5	0.3	0.3	0.4	0.9	5.7	4.5	7.1	8.6	13.9	20.7	12.3	1.5	2.5	0.32	81	17	14	C64
Bladder (C67)	88	5	0.2	.	.	.	.	.	0.6	.	0.9	5.1	5.3	10.2	17.3	15.4	23.3	41.0	2.1	3.7	0.42	85	11	11	C67
Brain, CNS (C70-72)	64	2	1.0	1.0	1.0	0.2	0.2	0.5	2.3	.	3.8	2.5	3.0	7.1	3.7	10.8	.	6.2	1.5	2.0	0.19	92	3	17	C70-72
Thyroid (C73)	40	0	.	.	0.4	0.2	0.2	0.5	0.6	1.2	.	1.3	1.5	5.1	8.6	6.2	15.6	6.2	1.0	1.5	0.21	95	0	18	C73
Hodgkin disease (C81)	102	7	0.6	1.5	1.9	1.9	1.8	2.3	2.6	3.2	1.9	3.8	5.3	3.1	2.5	9.3	2.6	10.3	2.4	2.8	0.24	90	8	12	C81
Non-Hodgkin lymphoma (C82-85; C96)	219	13	3.4	4.0	1.3	3.0	2.5	2.3	3.2	4.8	4.7	8.3	5.3	10.2	24.7	30.9	31.1	28.7	5.2	7.0	0.74	84	4	9	C82-85; C96
Multiple myeloma (C88-C90)	30	0	.	.	.	.	.	.	0.6	0.4	0.5	1.9	1.5	2.0	4.9	10.8	7.8	10.3	0.7	1.2	0.15	60	13	19	C88-C90
Lymphoid leukaemia (C91)	74	1	4.6	3.6	1.7	1.2	.	0.8	0.3	0.8	.	.	1.5	3.1	.	1.5	5.2	6.2	1.8	1.8	0.12	74	8		C91
Myeloid leukaemia (C92-94)	48	0	0.6	0.6	0.8	1.2	0.5	0.3	1.3	1.2	0.5	1.3	2.3	1.0	6.2	6.2	5.2	10.3	1.1	1.5	0.14	44	35		C92-94
Leukaemia unspecified (C95)	17	0	0.4	.	0.4	.	0.2	.	.	0.8	0.5	.	0.8	2.0	2.5	1.5	5.2	2.1	0.4	0.6	0.07	18	76		C95
Leukaemia (C91-95)	139	1	5.6	4.2	2.9	2.3	0.7	1.0	1.6	2.8	0.9	1.3	4.5	6.1	8.6	9.3	15.6	18.5	3.3	3.9	0.34	57	26	10	C91-95
Other and unspecified (O&U)	298	15	0.4	0.4	0.2	.	1.4	1.3	1.9	3.6	5.6	11.4	18.9	37.7	39.5	63.3	72.6	121.1	7.1	12.1	1.36	55	38	5	O&U
All sites but C44 (ALLbC44)	4151	147	14.4	13.9	13.0	12.5	14.1	17.1	32.9	51.2	75.2	158.9	256.1	411.3	591.8	863.6	1166.1	1526.6	99.3	165.3	19.09	78	16		ALLbC44
All sites (ALL)	5270	445	14.6	13.9	13.0	12.5	15.0	21.2	39.0	63.2	93.5	195.1	321.2	511.1	707.7	1041.3	1415.3	1859.0	126.1	211.1	24.45	82	12		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, FORTALEZA (1990-1994)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	210	4	.	.	.	0.2	0.6	.	.	1.6	3.5	7.7	11.3	10.1	21.1	33.7	37.7	79.9	4.3	6.1	0.65	91	7	8	C00-14
Oesophagus (C15)	62	1	0.2	.	.	.	.	.	.	0.6	.	2.1	1.8	7.8	9.7	10.1	10.8	18.1	1.3	1.9	0.22	87	10	14	C15
Stomach (C16)	307	20	.	.	.	.	0.2	1.5	2.1	3.9	8.1	8.2	17.9	31.8	29.0	34.8	43.1	76.2	6.4	8.8	0.97	68	27	4	C16
Colon (C18)	119	5	.	.	.	.	0.2	0.6	1.1	1.6	3.9	2.6	5.4	10.1	14.1	18.0	18.0	26.6	2.5	3.4	0.39	71	14		C18
Rectum (C19-20)	112	2	.	0.2	0.2	.	0.4	0.2	0.8	1.3	1.5	6.2	4.8	15.5	9.7	12.4	9.0	32.7	2.3	3.2	0.32	92	4		C19-20
Colorectal (C18-20)	231	7	.	0.2	0.2	.	0.6	0.8	1.9	2.9	5.4	8.7	10.1	25.6	23.7	30.3	26.9	59.3	4.8	6.6	0.71	81	10	5	C18-20
Anus (C21)	24	0	.	.	.	.	.	.	0.3	.	.	0.5	1.8	1.6	7.9	4.5	5.4	1.2	0.5	0.8	0.11	92	0	23	C21
Colon, rectum and anus (C18-21)	255	7	.	0.2	0.2	.	0.6	0.8	2.1	2.9	5.4	9.2	11.9	27.2	31.7	34.8	32.3	60.5	5.3	7.4	0.82	82	9		C18-21
Liver (C22)	18	2	.	.	0.2	0.2	.	.	.	.	0.8	0.5	0.6	0.8	4.4	2.2	1.8	1.2	0.4	0.5	0.06	72	0	24	C22
Gallbladder (C23-24)	59	3	.	.	.	.	.	0.2	.	0.6	0.4	1.5	4.8	6.2	4.4	11.2	12.6	13.3	1.2	1.8	0.22	90	0	15	C23-24
Pancreas (C25)	65	1	.	0.2	.	.	.	.	.	0.6	1.2	1.5	3.6	5.4	12.3	12.4	3.6	18.1	1.3	1.9	0.21	40	42	13	C25
Nose, sinuses (C30-31)	13	1	.	.	.	.	.	.	0.3	.	.	0.5	.	0.8	0.9	2.2	7.2	2.4	0.3	0.4	0.06	100	0	25	C30-31
Larynx (C32)	38	1	.	.	.	0.2	0.2	0.2	.	.	.	1.5	1.8	3.1	5.3	10.1	9.0	4.8	0.8	1.2	0.16	79	11	20	C32
Lung, trachea and bronchus (C33-34)	207	7	.	0.2	0.2	.	0.2	0.6	0.5	2.9	5.0	9.2	13.7	19.4	26.4	28.1	41.3	31.5	4.3	6.2	0.76	68	24	7	C33-34
Melanoma of skin (C43)	54	6	.	.	0.2	0.4	0.4	0.6	.	1.6	0.4	3.6	1.8	3.1	4.4	9.0	10.8	1.2	1.1	1.5	0.20	89	4	17	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	0.8	.	.	.	.	.	.	1.2	0.1	0.1	0.00	100	0	27	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	.	.	.	.	.	.	1.2	.	.	1.1	.	.	0.1	0.1	0.01	67	0	26	C46
Breast (C50)	1893	40	.	.	.	0.6	0.8	4.8	19.1	43.1	85.2	123.6	143.8	183.9	175.0	219.2	247.7	177.9	39.2	54.5	6.37	89	5	1	C50
Cervix uteri (C53)	1505	16	.	.	.	0.4	1.2	6.3	20.9	50.2	84.1	100.5	120.6	123.3	135.4	146.1	134.6	101.6	31.1	41.9	4.67	92	4	2	C53
Corpus uteri (C54)	174	4	.	.	.	0.2	0.2	0.2	1.1	1.6	2.7	6.7	11.3	20.9	22.9	36.0	32.3	19.4	3.6	5.3	0.70	84	6	9	C54
Ovary (C56)	224	6	.	.	0.6	1.5	1.4	1.7	1.9	2.9	8.5	11.3	17.3	25.6	23.7	24.7	19.7	12.1	4.6	6.3	0.72	85	7	6	C56
Kidney (C64)	51	0	0.6	0.4	.	0.2	.	.	.	1.0	3.9	0.5	1.8	3.9	6.2	6.7	10.8	4.8	1.1	1.5	0.18	78	14	18	C64
Bladder (C67)	42	4	.	.	.	.	.	0.2	0.3	.	.	2.1	0.6	2.3	2.6	5.6	9.0	18.1	0.9	1.2	0.13	86	12	19	C67
Brain, CNS (C70-72)	46	1	0.2	0.8	1.4	0.2	0.6	0.6	0.8	1.3	0.4	1.0	3.0	2.3	2.6	3.4	3.6	.	1.0	1.1	0.11	89	4	21	C70-72
Thyroid (C73)	128	10	.	.	0.6	0.2	1.4	1.7	1.9	4.2	5.0	5.1	6.0	5.4	7.0	6.7	21.5	15.7	2.6	3.3	0.36	89	2	11	C73
Hodgkin disease (C81)	70	4	0.4	1.0	0.4	1.7	1.0	1.1	1.9	1.9	1.9	1.0	2.4	1.6	3.5	3.4	5.4	2.4	1.4	1.6	0.15	87	1	16	C81
Non-Hodgkin lymphoma (C82-85; C96)	151	8	1.6	0.8	0.8	0.8	1.0	1.5	2.1	1.6	3.5	3.6	6.6	10.1	12.3	14.6	16.2	26.6	3.1	4.0	0.41	84	5	10	C82-85; C96
Multiple myeloma (C88-C90)	33	0	.	.	.	0.2	.	.	.	0.3	1.5	1.0	.	4.7	6.2	2.2	7.2	7.3	0.7	1.0	0.12	48	36	22	C88-C90
Lymphoid leukaemia (C91)	43	0	3.0	2.1	1.2	0.6	.	0.6	0.3	.	.	.	.	1.6	.	1.1	.	1.2	0.9	0.9	0.05	60	12		C91
Myeloid leukaemia (C92-94)	51	0	1.0	0.2	.	0.8	0.8	0.4	1.3	1.3	1.5	0.5	2.4	2.3	1.8	5.6	3.6	6.0	1.1	1.2	0.12	45	31		C92-94
Leukaemia unspecified (C95)	21	1	.	.	.	.	0.2	.	0.3	0.3	0.4	0.5	1.2	1.6	2.6	3.4	3.6	3.6	0.4	0.6	0.07	19	76		C95
Leukaemia (C91-95)	115	1	4.0	2.3	1.2	1.3	1.0	1.1	1.9	1.6	1.9	1.0	3.6	5.4	4.4	10.1	7.2	10.9	2.4	2.7	0.24	46	32	12	C91-95
Other and unspecified (O&U)	335	17	0.2	0.6	0.4	1.3	1.0	1.9	2.1	2.3	5.0	8.7	17.9	20.9	41.3	45.0	62.8	81.1	6.9	9.7	1.11	50	43	3	O&U
All sites but C44 (ALLbC44)	6400	179	8.5	7.1	8.4	12.2	13.7	27.6	62.0	130.7	239.1	328.1	423.8	542.3	619.9	735.1	847.3	843.4	132.4	181.1	20.61	83	11		ALLbC44
All sites (ALL)	7442	464	8.5	7.1	8.4	13.1	15.3	29.9	67.7	141.0	261.5	351.2	464.4	596.6	692.9	848.6	1041.2	1021.2	153.9	211.3	24.25	85	9		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

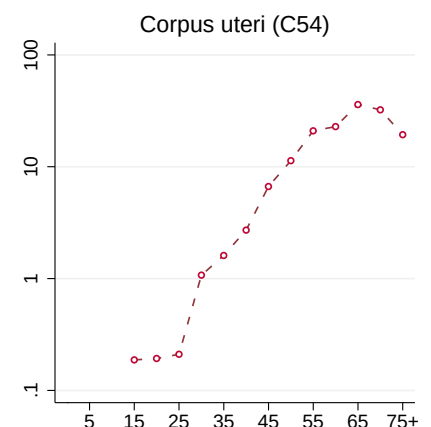
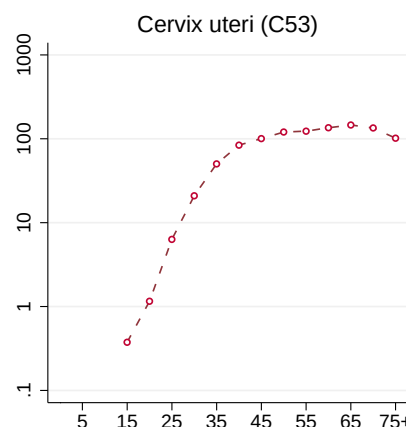
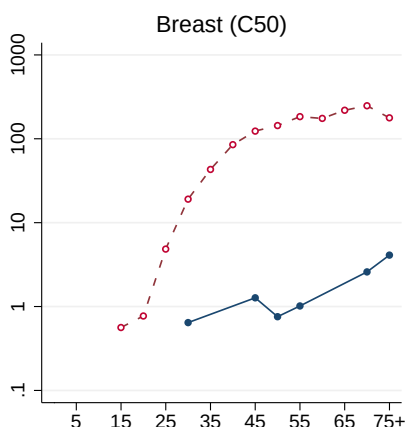
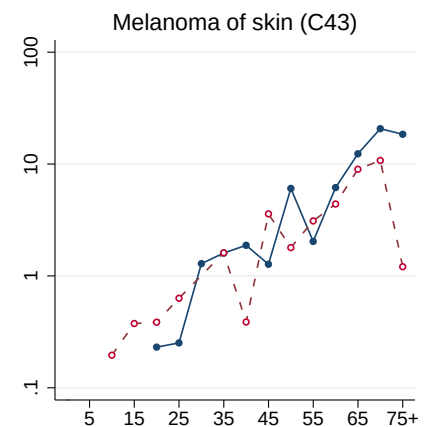
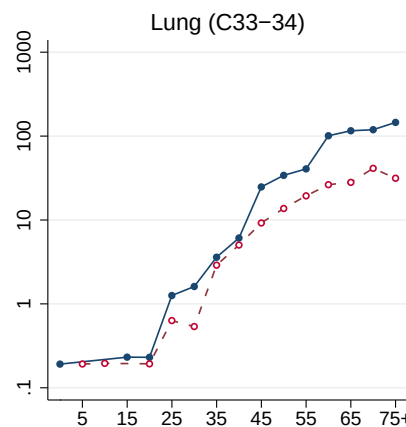
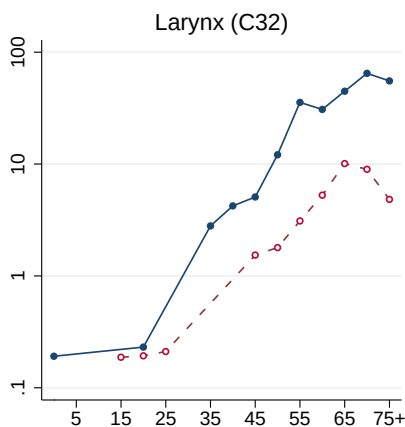
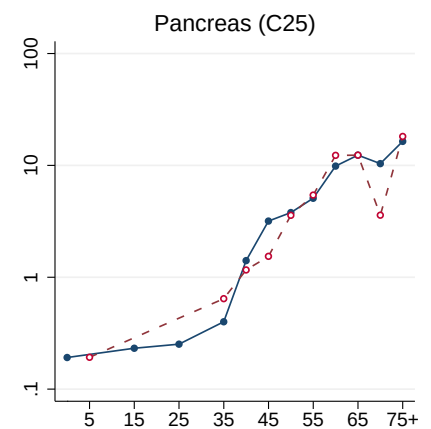
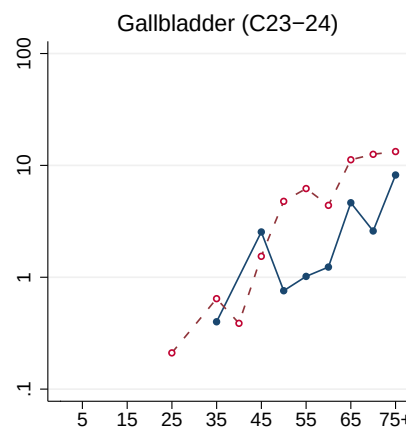
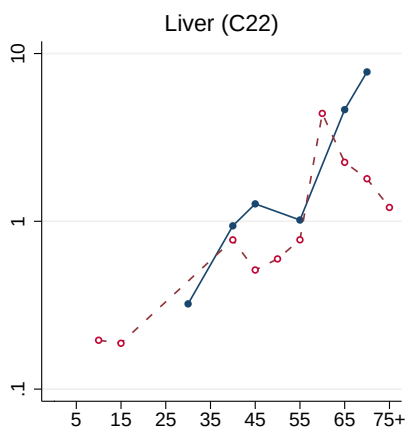
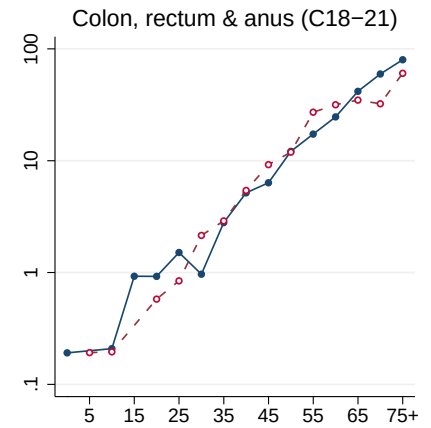
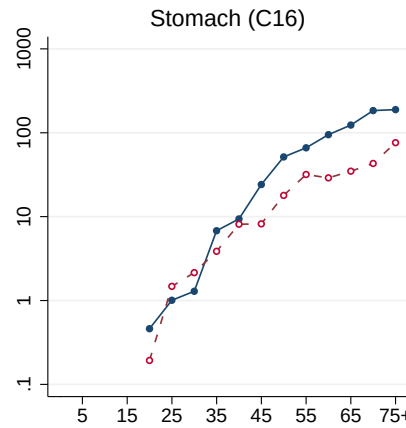
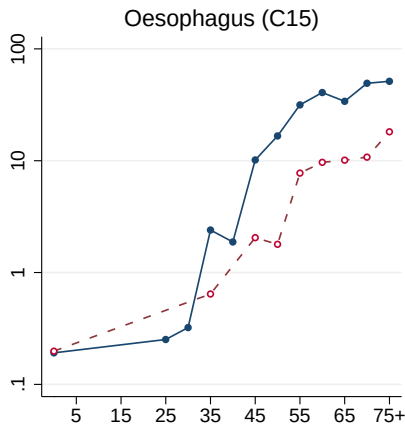
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

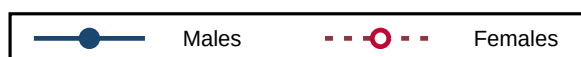
BRAZIL, FORTALEZA (1990–1994)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



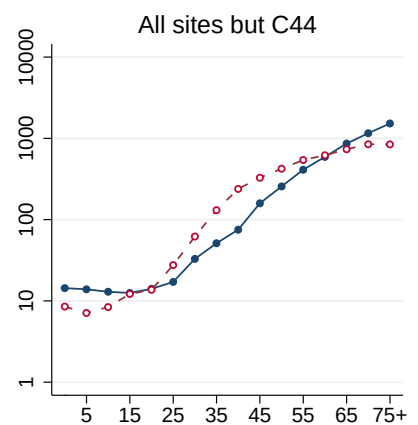
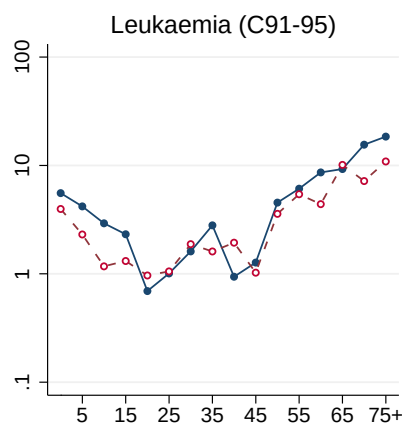
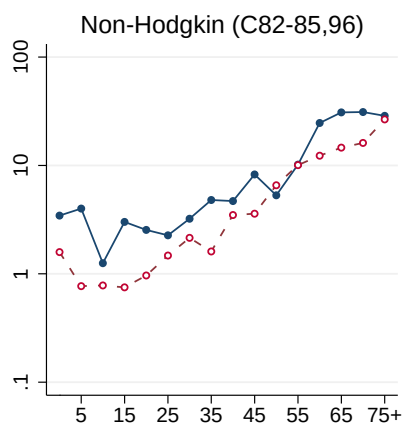
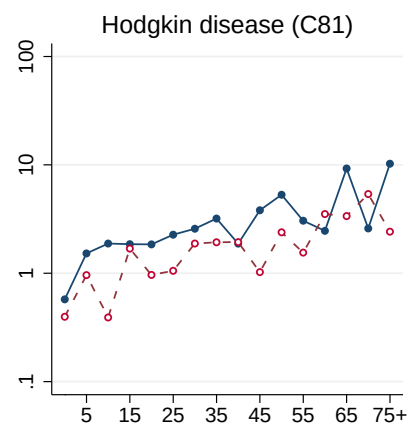
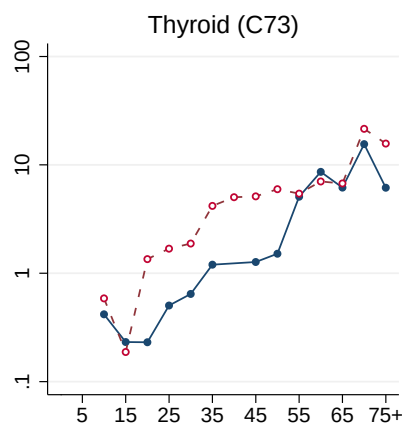
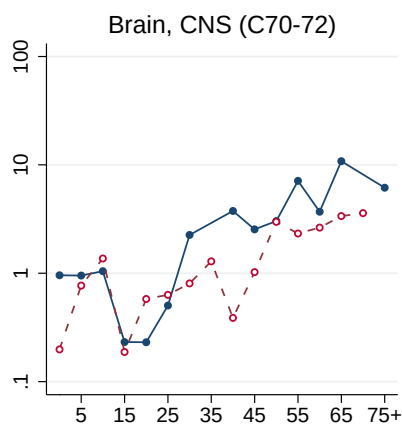
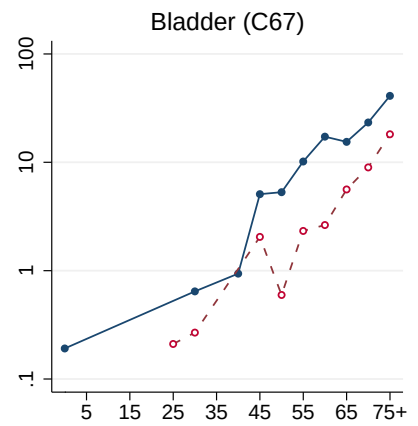
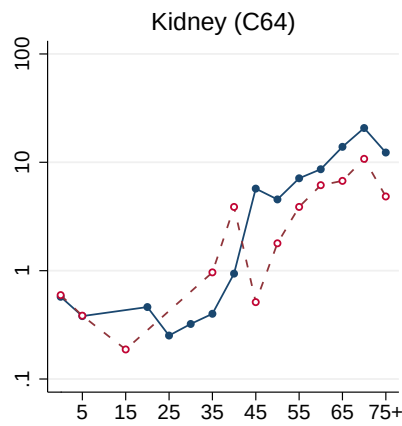
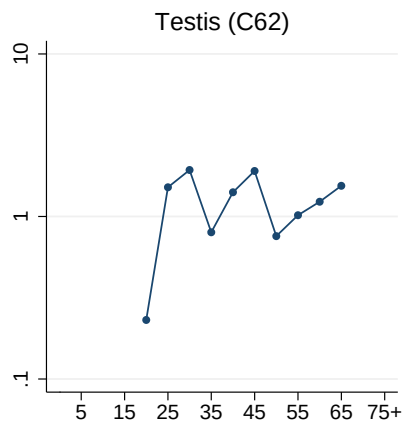
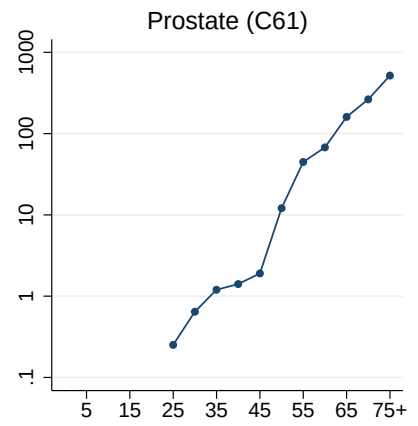
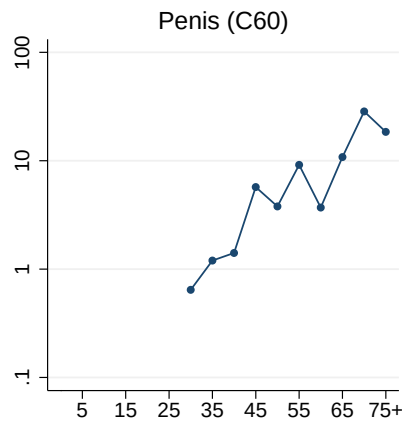
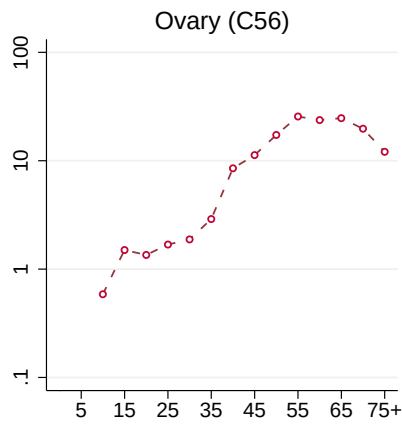
Age in Years



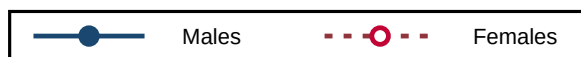
BRAZIL, FORTALEZA (1990-1994)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, FORTALEZA (2002-2006)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2002 n (%)	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	109 (6.2)	103 (6.1)	108 (6.0)	142 (6.9)	118 (6.2)	580 (6.3)
Digestive organs (C15-C26)	333 (19.0)	293 (17.3)	310 (17.1)	335 (16.4)	341 (17.9)	1612 (17.5)
Respiratory organs (C30-C39)	236 (13.4)	228 (13.5)	211 (11.7)	249 (12.2)	251 (13.2)	1175 (12.8)
Bone, cartilage, and skin (C40-C44)	347 (19.8)	330 (19.5)	389 (21.5)	347 (17.0)	353 (18.5)	1766 (19.2)
Breast (C50)	4 (0.2)	1 (0.1)	4 (0.2)	3 (0.1)	4 (0.2)	16 (0.2)
Male genitalia (C60-C63)	366 (20.8)	373 (22.1)	411 (22.7)	547 (26.7)	459 (24.1)	2156 (23.4)
Urinary organs (C64-C68)	44 (2.5)	56 (3.3)	56 (3.1)	54 (2.6)	45 (2.4)	255 (2.8)
Eye, brain, and thyroid (C69-C75)	62 (3.5)	59 (3.5)	70 (3.9)	75 (3.7)	57 (3.0)	323 (3.5)
Hematopoietic (C81-C96)	130 (7.4)	152 (9.0)	148 (8.2)	140 (6.8)	139 (7.3)	709 (7.7)
Other and unspecified	125 (7.1)	94 (5.6)	101 (5.6)	153 (7.5)	137 (7.2)	610 (6.6)
All sites	1756 (100.0)	1689 (100.0)	1808 (100.0)	2045 (100.0)	1904 (100.0)	9202 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	36 (1.6)	46 (2.1)	38 (1.7)	65 (2.7)	46 (2.0)	231 (2.0)
Digestive organs (C15-C26)	297 (13.5)	306 (14.0)	300 (13.7)	321 (13.5)	316 (13.6)	1540 (13.7)
Respiratory organs (C30-C39)	131 (5.9)	128 (5.9)	150 (6.9)	143 (6.0)	137 (5.9)	689 (6.1)
Bone, cartilage, and skin (C40-C44)	363 (16.5)	289 (13.3)	310 (14.2)	340 (14.2)	370 (16.0)	1672 (14.8)
Breast (C50)	574 (26.0)	574 (26.3)	588 (26.9)	576 (24.1)	561 (24.2)	2873 (25.5)
Female genitalia (C51-C58)	373 (16.9)	414 (19.0)	405 (18.5)	421 (17.6)	401 (17.3)	2014 (17.9)
Urinary organs (C64-C68)	34 (1.5)	38 (1.7)	45 (2.1)	62 (2.6)	34 (1.5)	213 (1.9)
Eye, brain, and thyroid (C69-C75)	109 (4.9)	123 (5.6)	117 (5.4)	203 (8.5)	160 (6.9)	712 (6.3)
Hematopoietic (C81-C96)	135 (6.1)	144 (6.6)	118 (5.4)	120 (5.0)	135 (5.8)	652 (5.8)
Other and unspecified	153 (6.9)	119 (5.5)	115 (5.3)	135 (5.7)	156 (6.7)	678 (6.0)
All sites	2205 (100.0)	2181 (100.0)	2186 (100.0)	2386 (100.0)	2316 (100.0)	11274 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	145 (3.7)	149 (3.9)	146 (3.7)	207 (4.7)	164 (3.9)	811 (4.0)
Digestive organs (C15-C26)	630 (15.9)	599 (15.5)	610 (15.3)	656 (14.8)	657 (15.6)	3152 (15.4)
Respiratory organs (C30-C39)	367 (9.3)	356 (9.2)	361 (9.0)	392 (8.8)	388 (9.2)	1864 (9.1)
Bone, cartilage, and skin (C40-C44)	710 (17.9)	619 (16.0)	699 (17.5)	687 (15.5)	723 (17.1)	3438 (16.8)
Urinary organs (C64-C68)	78 (2.0)	94 (2.4)	101 (2.5)	116 (2.6)	79 (1.9)	468 (2.3)
Eye, brain, and thyroid (C69-C75)	171 (4.3)	182 (4.7)	187 (4.7)	278 (6.3)	217 (5.1)	1035 (5.1)
Hematopoietic (C81-C96)	265 (6.7)	296 (7.6)	266 (6.7)	260 (5.9)	274 (6.5)	1361 (6.6)
Other and unspecified	278 (7.0)	213 (5.5)	216 (5.4)	288 (6.5)	293 (6.9)	1288 (6.3)
All sites	3961 (100.0)	3870 (100.0)	3994 (100.0)	4431 (100.0)	4220 (100.0)	20476 (100.0)

BRAZIL, FORTALEZA (2002-2006)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	15.8 (6.3)	15.0 (6.3)	15.0 (5.9)	18.8 (6.8)	15.6 (6.2)	16.1 (6.3)
Digestive organs (C15-C26)	48.6 (19.4)	42.3 (17.8)	45.0 (17.6)	45.7 (16.6)	46.3 (18.4)	45.6 (17.9)
Respiratory organs (C30-C39)	36.2 (14.4)	33.9 (14.3)	30.8 (12.0)	35.4 (12.9)	34.4 (13.7)	34.1 (13.4)
Bone, cartilage, and skin (C40-C44)	48.6 (19.4)	45.9 (19.4)	54.2 (21.1)	46.1 (16.8)	45.8 (18.2)	48.1 (18.9)
Breast (C50)	0.6 (0.2)	0.1 (0.1)	0.6 (0.2)	0.4 (0.2)	0.5 (0.2)	0.4 (0.2)
Male genitalia (C60-C63)	54.4 (21.7)	54.9 (23.2)	62.0 (24.2)	77.6 (28.3)	64.0 (25.5)	62.8 (24.7)
Urinary organs (C64-C68)	6.5 (2.6)	7.8 (3.3)	8.4 (3.3)	7.2 (2.6)	5.8 (2.3)	7.1 (2.8)
Eye, brain, and thyroid (C69-C75)	7.7 (3.1)	6.9 (2.9)	8.3 (3.2)	8.5 (3.1)	6.5 (2.6)	7.6 (3.0)
Hematopoietic (C81-C96)	15.6 (6.2)	17.9 (7.6)	18.2 (7.1)	15.6 (5.7)	15.8 (6.3)	16.6 (6.5)
Other and unspecified	16.9 (6.7)	12.5 (5.3)	13.8 (5.4)	19.4 (7.1)	16.7 (6.6)	15.9 (6.3)
All sites	250.9 (100.0)	237.3 (100.0)	256.4 (100.0)	274.7 (100.0)	251.5 (100.0)	254.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3.5 (1.6)	4.4 (2.1)	3.3 (1.6)	5.7 (2.6)	4.1 (2.0)	4.2 (2.0)
Digestive organs (C15-C26)	29.8 (14.0)	29.9 (14.4)	28.7 (13.8)	29.8 (13.7)	28.5 (13.8)	29.3 (13.9)
Respiratory organs (C30-C39)	13.3 (6.2)	12.7 (6.1)	15.2 (7.3)	14.0 (6.4)	12.8 (6.2)	13.6 (6.4)
Bone, cartilage, and skin (C40-C44)	35.0 (16.4)	26.9 (12.9)	28.8 (13.8)	29.5 (13.6)	32.4 (15.6)	30.5 (14.5)
Breast (C50)	55.7 (26.0)	55.6 (26.7)	57.6 (27.6)	53.1 (24.5)	50.5 (24.3)	54.4 (25.8)
Female genitalia (C51-C58)	36.2 (16.9)	39.2 (18.8)	37.9 (18.2)	39.2 (18.1)	36.5 (17.6)	37.8 (17.9)
Urinary organs (C64-C68)	3.4 (1.6)	3.7 (1.8)	4.5 (2.2)	5.9 (2.7)	3.1 (1.5)	4.1 (2.0)
Eye, brain, and thyroid (C69-C75)	10.0 (4.7)	11.3 (5.4)	10.5 (5.0)	17.9 (8.2)	14.0 (6.8)	12.8 (6.1)
Hematopoietic (C81-C96)	12.5 (5.9)	13.5 (6.5)	11.0 (5.3)	10.4 (4.8)	11.9 (5.7)	11.8 (5.6)
Other and unspecified	14.5 (6.8)	11.2 (5.4)	10.9 (5.2)	11.4 (5.2)	13.6 (6.6)	12.3 (5.8)
All sites	213.9 (100.0)	208.5 (100.0)	208.4 (100.0)	217.0 (100.0)	207.3 (100.0)	211.0 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	8.6 (3.8)	8.9 (4.1)	8.2 (3.6)	11.3 (4.7)	9.0 (4.0)	9.2 (4.1)
Digestive organs (C15-C26)	37.4 (16.5)	35.0 (16.1)	35.2 (15.6)	36.2 (15.2)	35.8 (16.1)	35.9 (15.9)
Respiratory organs (C30-C39)	22.5 (10.0)	21.3 (9.8)	21.4 (9.5)	22.5 (9.5)	21.4 (9.6)	21.8 (9.7)
Bone, cartilage, and skin (C40-C44)	40.5 (17.9)	34.6 (15.9)	39.0 (17.3)	36.2 (15.2)	37.6 (16.9)	37.6 (16.6)
Urinary organs (C64-C68)	4.7 (2.1)	5.4 (2.5)	6.0 (2.6)	6.5 (2.7)	4.2 (1.9)	5.3 (2.4)
Eye, brain, and thyroid (C69-C75)	8.9 (3.9)	9.5 (4.4)	9.5 (4.2)	13.8 (5.8)	10.7 (4.8)	10.5 (4.7)
Hematopoietic (C81-C96)	13.8 (6.1)	15.2 (7.0)	14.0 (6.2)	12.7 (5.3)	13.6 (6.1)	13.9 (6.1)
Other and unspecified	15.5 (6.8)	11.7 (5.4)	12.1 (5.4)	14.8 (6.2)	14.9 (6.7)	13.8 (6.1)
All sites	226.3 (100.0)	217.6 (100.0)	225.3 (100.0)	238.0 (100.0)	222.6 (100.0)	226.0 (100.0)

BRAZIL, FORTALEZA (2002-2006)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	580	4	0.4	0.2	0.5	0.5	0.2	1.5	1.1	2.2	11.3	25.8	37.3	74.4	64.7	73.8	76.7	102.6	10.7	16.1	1.87	96	4	4	C00-14
Oesophagus (C15)	238	0	.	.	.	.	.	.	0.5	0.7	1.9	6.5	13.2	25.7	34.5	56.3	26.6	56.9	4.4	7.0	0.83	87	12	8	C15
Stomach (C16)	665	0	.	.	.	.	0.6	1.5	1.8	3.9	8.1	18.6	22.1	56.5	71.6	113.9	139.3	213.9	12.3	18.8	2.19	81	15	3	C16
Colon (C18)	256	0	.	.	.	0.2	0.4	0.2	0.9	1.2	7.1	6.9	14.2	20.0	37.1	40.0	32.9	63.1	4.7	7.1	0.81	88	9		C18
Rectum (C19-20)	205	1	.	.	0.2	0.2	0.6	0.2	1.4	1.5	3.9	5.7	7.4	22.9	21.6	32.5	37.6	47.0	3.8	5.7	0.68	94	6		C19-20
Colorectal (C18-20)	461	1	.	.	0.2	0.3	0.9	0.4	2.3	2.7	11.0	12.5	21.6	42.9	58.7	72.6	70.4	110.0	8.5	12.8	1.49	90	8	6	C18-20
Anus (C21)	15	0	.	.	.	.	0.2	.	0.5	0.2	1.0	.	0.5	2.1	0.9	1.3	.	2.5	0.3	0.3	0.03	100	0	25	C21
Colon, rectum and anus (C18-21)	476	1	.	.	0.2	0.3	1.1	0.4	2.7	3.0	12.0	12.5	22.1	45.0	59.5	73.8	70.4	112.5	8.8	13.2	1.52	91	8		C18-21
Liver (C22)	41	1	0.4	.	.	.	0.2	0.2	.	0.5	0.3	1.2	3.4	2.1	6.0	6.3	6.3	4.9	0.8	1.1	0.14	83	5	20	C22
Gallbladder (C23-24)	35	0	.	.	.	.	.	.	.	0.2	0.3	0.4	2.0	2.1	3.5	13.8	7.8	6.2	0.6	1.1	0.15	86	14	21	C23-24
Pancreas (C25)	112	0	.	.	.	.	.	0.4	0.5	0.2	0.3	3.6	6.4	9.3	10.4	20.0	17.2	39.6	2.1	3.2	0.34	60	34	13	C25
Nose, sinuses (C30-31)	22	1	0.2	.	0.2	0.2	.	.	.	0.5	1.0	1.2	.	0.7	0.9	1.3	4.7	4.9	0.4	0.5	0.06	95	5	23	C30-31
Larynx (C32)	320	1	.	.	.	.	.	0.2	0.2	0.5	4.5	6.9	17.7	25.0	46.6	61.3	70.4	80.4	5.9	9.4	1.17	92	7	7	C32
Lung, trachea and bronchus (C33-34)	800	2	.	0.2	0.2	0.7	0.2	0.7	0.7	2.7	5.5	18.6	28.0	61.5	88.8	172.7	208.1	239.9	14.8	23.4	2.95	74	22	2	C33-34
Melanoma of skin (C43)	94	0	.	.	0.2	.	0.2	0.4	0.9	2.0	1.6	2.0	2.9	7.2	14.7	13.8	15.6	17.3	1.7	2.5	0.31	97	2	15	C43
Mesothelioma (C45)	8	0	.	.	0.2	.	.	.	0.5	.	.	.	.	1.4	.	1.3	3.1	.	0.1	0.2	0.03	88	13	27	C45
Kaposi sarcoma (C46)	14	0	.	.	.	.	.	0.2	0.5	1.2	1.0	0.8	.	.	.	.	.	1.2	0.3	0.3	0.02	100	0	26	C46
Breast (C50)	16	0	.	.	.	.	.	.	0.2	.	0.3	0.8	0.5	.	3.5	1.3	3.1	4.9	0.3	0.4	0.05	94	6	24	C50
Penis (C60)	70	0	.	.	.	.	.	0.2	0.2	0.7	2.6	1.6	2.0	5.7	7.8	8.8	17.2	17.3	1.3	1.9	0.23	100	0	18	C60
Prostate (C61)	2030	7	.	.	.	.	.	0.2	0.2	0.2	2.6	8.1	27.0	99.4	201.0	430.5	589.9	1043.5	37.5	59.8	6.82	91	7	1	C61
Testis (C62)	55	0	0.2	.	0.7	0.5	2.2	1.5	1.6	0.5	2.6	0.8	.	2.9	2.6	1.3	.	1.2	1.0	1.0	0.09	95	4	22	C62
Kidney (C64)	99	0	0.5	0.4	0.3	.	.	0.4	.	1.2	1.3	2.4	9.3	8.6	10.4	17.5	9.4	14.8	1.8	2.7	0.31	90	7	14	C64
Bladder (C67)	155	0	0.2	.	.	0.2	.	.	0.5	0.2	2.9	3.2	4.9	7.9	17.3	30.0	32.9	58.1	2.9	4.4	0.50	95	5	12	C67
Brain, CNS (C70-72)	214	0	0.7	2.7	1.4	1.5	2.6	2.2	3.4	3.5	5.2	8.1	7.9	10.0	12.1	22.5	20.3	17.3	4.0	4.9	0.52	74	21	11	C70-72
Thyroid (C73)	71	0	.	.	.	0.5	0.7	0.4	0.7	1.0	1.3	4.0	2.9	5.0	5.2	10.0	11.0	8.7	1.3	1.8	0.21	92	1	19	C73
Hodgkin disease (C81)	114	1	0.7	1.1	1.5	2.0	3.0	1.7	1.4	1.7	1.6	4.0	3.9	2.9	1.7	2.5	12.5	7.4	2.1	2.3	0.21	94	6	17	C81
Non-Hodgkin lymphoma (C82-85; C96)	245	0	1.8	0.7	1.2	1.0	3.0	1.5	2.0	3.2	5.2	4.4	7.9	9.3	22.4	25.0	42.2	54.4	4.5	6.1	0.65	92	7	9	C82-85;C96
Multiple myeloma (C88-C90)	84	0	.	.	.	.	.	.	.	0.2	1.9	1.6	5.9	6.4	10.4	13.8	18.8	21.0	1.6	2.4	0.30	75	25	16	C88-C90
Lymphoid leukaemia (C91)	109	0	6.1	2.8	2.0	1.3	0.6	0.2	.	0.5	0.3	0.4	1.0	2.1	0.9	6.3	11.0	16.1	2.0	2.3	0.18	88	10		C91
Myeloid leukaemia (C92-94)	129	0	0.9	1.1	0.7	0.8	0.7	2.6	2.0	2.7	3.9	2.4	2.5	10.7	6.0	6.3	7.8	22.3	2.4	2.9	0.26	68	32		C92-94
Leukaemia unspecified (C95)	28	0	0.4	0.4	0.2	0.3	0.2	.	0.2	0.7	.	1.6	0.5	0.7	0.9	.	6.3	6.2	0.5	0.6	0.06	32	68		C95
Leukaemia (C91-95)	266	0	7.3	4.2	2.9	2.5	1.5	2.8	2.3	3.9	4.2	4.4	3.9	13.6	7.8	12.5	25.0	44.5	4.9	5.8	0.49	73	27	10	C91-95
Other and unspecified (O&U)	502	0	1.1	0.5	1.7	0.3	1.3	3.0	3.2	3.9	9.4	5.7	13.7	47.2	42.3	80.1	101.7	142.2	9.3	13.6	1.58	38	58	5	O&U
All sites but C44 (ALLbC44)	7611	18	16.9	10.4	13.9	13.0	19.4	22.8	28.4	42.9	94.0	154.2	253.7	544.2	764.2	1290.3	1544.3	2367.7	140.7	210.5	24.12	83	14		ALLbC44
All sites (ALL)	9202	48	16.9	10.4	14.4	13.7	21.1	26.2	33.2	56.7	117.6	191.3	320.4	638.6	910.8	1524.3	1868.2	2930.3	170.1	254.3	28.97	86	12		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, FORTALEZA (2002-2006)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	231	3	.	.	0.2	0.3	0.6	0.4	1.5	1.1	3.7	3.6	6.7	8.2	11.1	26.1	26.6	51.6	3.8	4.2	0.46	95	5	11	C00-14
Oesophagus (C15)	122	1	0.4	.	.	0.2	.	0.2	.	0.2	0.5	1.3	5.5	4.9	8.6	20.2	13.8	24.7	2.0	2.4	0.28	83	14	15	C15
Stomach (C16)	472	4	.	.	.	.	0.6	0.7	2.9	4.2	6.9	11.3	19.6	23.4	32.0	43.7	51.3	81.2	7.7	8.9	0.99	80	17	6	C16
Colon (C18)	328	2	.	.	.	0.2	0.2	0.4	0.4	3.2	5.3	9.0	10.6	18.0	29.5	29.4	27.6	60.7	5.3	6.2	0.67	86	11		C18
Rectum (C19-20)	213	0	.	.	.	.	.	0.2	0.8	2.1	2.4	3.9	7.1	12.5	17.2	21.0	29.6	37.4	3.5	4.1	0.48	90	7		C19-20
Colorectal (C18-20)	541	2	.	.	.	0.2	0.2	0.6	1.2	5.3	7.7	12.9	17.6	30.5	46.8	50.4	57.2	98.2	8.8	10.3	1.16	87	9	5	C18-20
Anus (C21)	66	0	.	.	.	.	.	.	.	0.6	1.1	1.9	3.1	2.7	6.8	5.0	10.9	8.5	1.1	1.3	0.16	98	2	22	C21
Colon, rectum and anus (C18-21)	607	2	.	.	.	0.2	0.2	0.6	1.2	5.9	8.7	14.9	20.8	33.3	53.6	55.5	68.1	106.6	9.9	11.6	1.32	89	9		C18-21
Liver (C22)	28	0	0.2	.	.	.	0.2	0.2	.	0.2	.	0.6	2.0	1.1	1.8	2.5	3.0	4.2	0.5	0.5	0.06	86	7	24	C22
Gallbladder (C23-24)	105	0	.	.	.	.	.	.	0.4	0.4	0.8	1.9	2.7	3.8	7.4	17.7	14.8	21.2	1.7	2.0	0.25	75	20	17	C23-24
Pancreas (C25)	148	0	.	0.2	.	0.2	.	.	0.4	0.2	1.1	2.9	3.5	9.3	12.9	14.3	16.8	34.6	2.4	2.8	0.31	51	40	14	C25
Nose, sinuses (C30-31)	11	0	.	.	.	0.2	.	.	0.2	.	0.3	0.6	0.4	.	.	1.7	.	2.1	0.2	0.2	0.02	100	0	25	C30-31
Larynx (C32)	59	1	.	.	.	.	.	.	.	0.4	0.8	0.3	3.9	3.3	4.9	9.2	3.0	9.9	1.0	1.2	0.13	92	8	23	C32
Lung, trachea and bronchus (C33-34)	592	0	.	.	.	0.3	0.2	.	1.0	1.9	6.6	15.8	25.5	36.0	54.2	74.8	56.2	96.0	9.6	11.7	1.36	74	22	3	C33-34
Melanoma of skin (C43)	90	0	.	0.2	.	.	.	0.7	1.0	0.4	1.3	1.9	6.3	5.5	8.0	10.9	3.0	8.5	1.5	1.8	0.20	94	3	19	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.4	0.0	0.0	0.00	50	50	27	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	0.2	.	0.4	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	100	0	26	C46
Breast (C50)	2873	22	.	.	.	0.3	0.8	4.4	19.0	43.3	84.0	124.7	148.2	189.2	190.8	192.5	204.2	242.2	46.7	54.4	6.05	96	3	1	C50
Cervix uteri (C53)	1212	17	.	.	.	0.3	1.5	5.9	14.7	21.3	39.5	33.3	53.3	72.0	80.6	98.3	75.0	92.5	19.7	22.5	2.51	96	3	2	C53
Corpus uteri (C54)	242	2	.	.	.	.	0.2	0.4	.	1.1	2.1	5.5	12.9	22.9	19.7	26.9	22.7	31.8	3.9	4.8	0.58	97	2	9	C54
Ovary (C56)	435	0	.	0.4	0.3	1.1	1.0	1.7	2.9	5.5	9.3	12.6	12.6	33.8	32.0	31.1	42.4	48.0	7.1	8.2	0.93	90	8	8	C56
Kidney (C64)	120	1	1.3	0.7	0.2	0.2	0.3	0.2	.	1.5	1.3	2.9	6.3	6.5	4.9	16.0	12.8	9.9	2.0	2.4	0.28	84	14	16	C64
Bladder (C67)	92	0	0.2	.	.	.	.	.	.	.	0.8	2.3	2.0	4.9	4.3	13.4	7.9	25.4	1.5	1.7	0.18	89	10	20	C67
Brain, CNS (C70-72)	210	0	1.7	2.0	0.7	1.1	1.6	1.7	3.3	2.3	1.1	6.8	5.9	10.9	8.6	12.6	14.8	19.8	3.4	3.8	0.37	67	28	13	C70-72
Thyroid (C73)	481	0	0.2	0.4	0.2	1.5	3.1	5.4	6.6	8.0	14.8	20.4	21.2	31.6	20.9	25.2	23.7	19.8	7.8	8.7	0.92	94	1	7	C73
Hodgkin disease (C81)	98	0	.	0.9	1.3	1.7	2.3	2.8	1.4	1.3	0.5	1.9	3.1	1.6	1.2	1.7	3.0	4.2	1.6	1.5	0.12	96	3	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	234	0	1.1	0.9	0.5	0.5	0.8	1.7	1.0	2.1	2.9	2.6	8.2	14.2	14.8	18.5	31.6	31.1	3.8	4.4	0.51	87	10	10	C82-85;C96
Multiple myeloma (C88-C90)	94	0	.	.	.	.	.	.	0.2	.	1.3	1.3	4.3	6.0	4.9	10.9	14.8	18.4	1.5	1.8	0.22	71	27	18	C88-C90
Lymphoid leukaemia (C91)	72	0	3.0	2.0	1.0	1.1	0.2	0.2	0.4	.	0.3	1.6	0.8	0.5	3.1	4.2	1.0	5.6	1.2	1.3	0.10	90	8		C91
Myeloid leukaemia (C92-94)	121	0	1.1	0.2	0.8	1.1	1.1	0.7	0.8	1.9	2.6	1.9	2.4	3.8	6.8	8.4	7.9	14.1	2.0	2.1	0.21	62	37		C92-94
Leukaemia unspecified (C95)	33	0	0.7	0.5	.	0.2	.	0.6	.	0.2	.	0.6	1.6	.	.	2.5	3.0	6.4	0.5	0.6	0.05	27	73		C95
Leukaemia (C91-95)	226	0	4.8	2.7	1.9	2.3	1.3	1.5	1.2	2.1	2.9	4.2	4.7	4.4	9.8	15.1	11.8	26.1	3.7	4.1	0.35	66	33	12	C91-95
Other and unspecified (O&U)	629	1	1.5	0.7	0.7	0.2	0.6	1.3	2.7	3.4	7.9	10.7	15.7	28.3	38.2	45.4	73.0	158.9	10.2	11.4	1.15	33	61	4	O&U
All sites but C44 (ALLbC44)	9749	58	12.9	10.4	8.6	11.6	17.1	31.1	64.9	109.6	207.1	291.2	407.1	566.4	638.4	806.9	823.8	1211.8	158.5	183.2	20.15	86	12		ALLbC44
All sites (ALL)	11274	98	12.9	10.8	9.1	12.0	18.1	34.9	69.7	119.5	225.9	320.6	447.9	640.0	719.7	933.0	992.5	1581.9	183.3	211.0	23.03	87	11		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

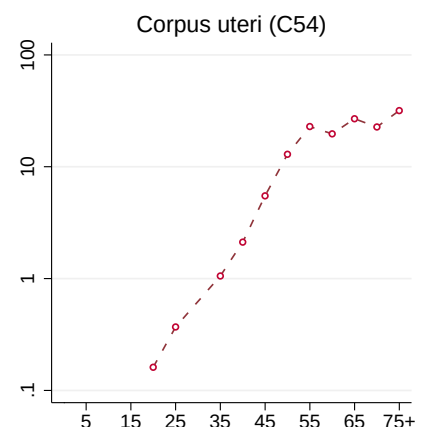
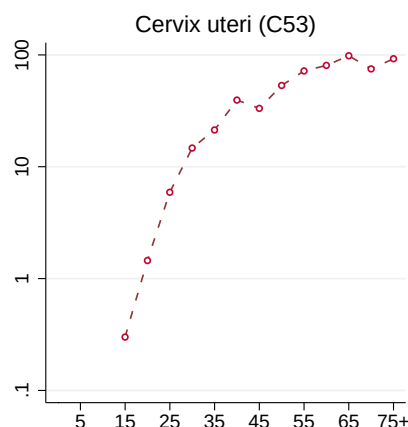
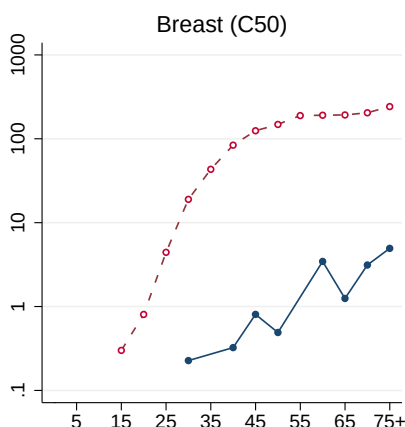
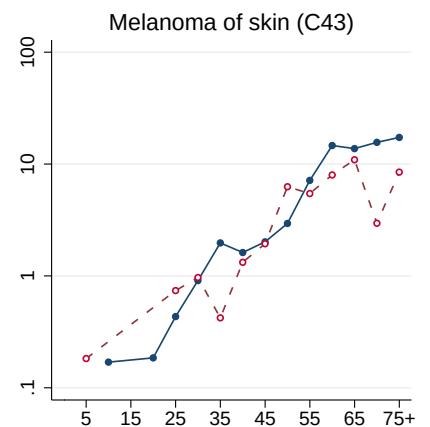
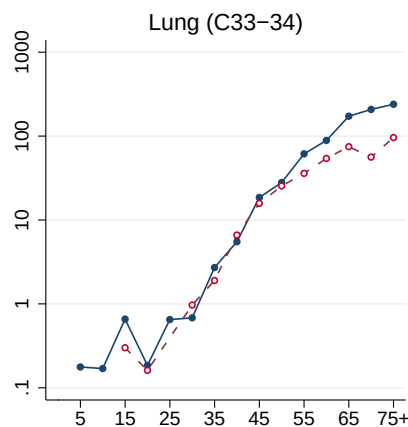
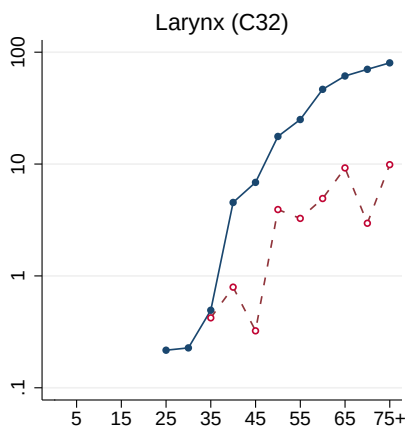
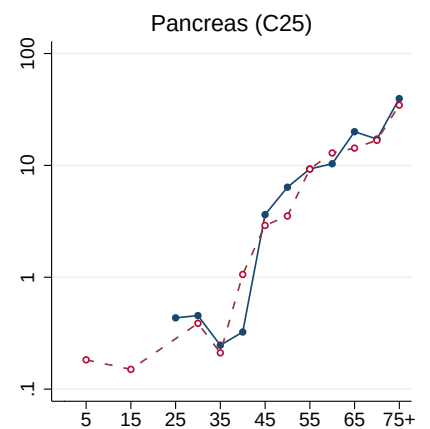
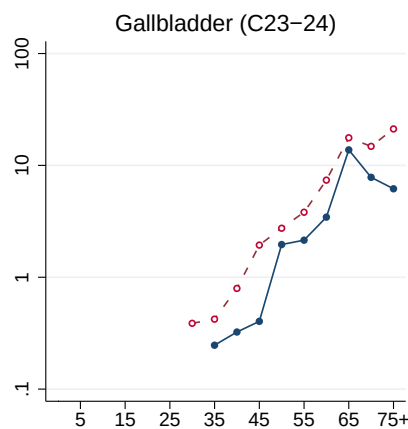
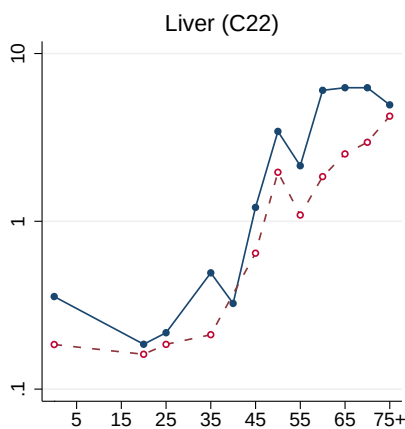
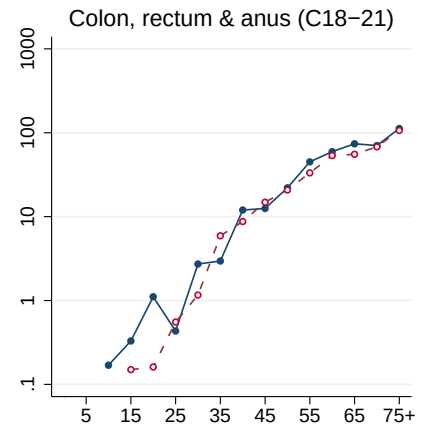
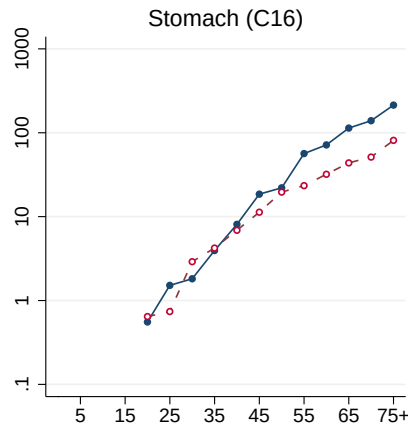
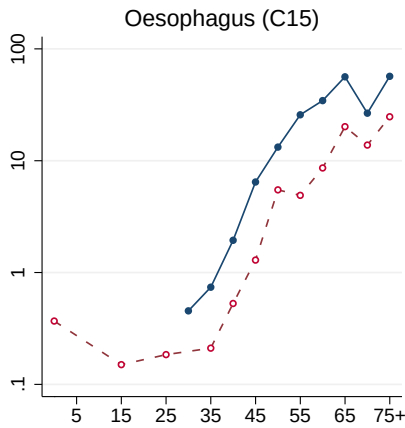
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

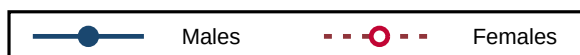
BRAZIL, FORTALEZA (2002–2006)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



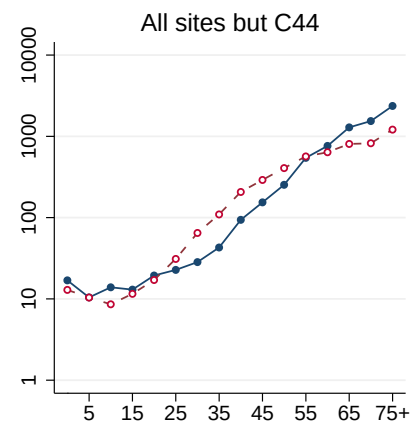
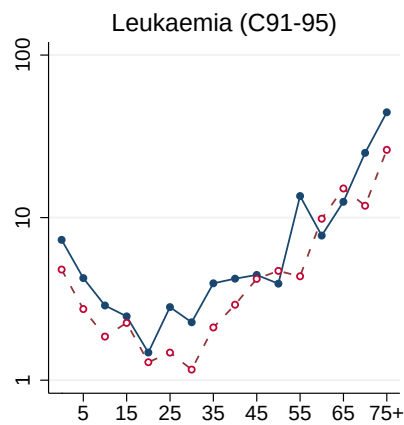
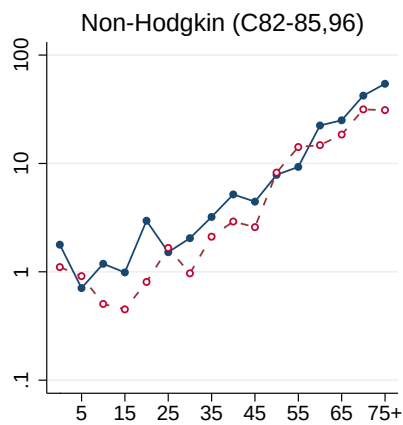
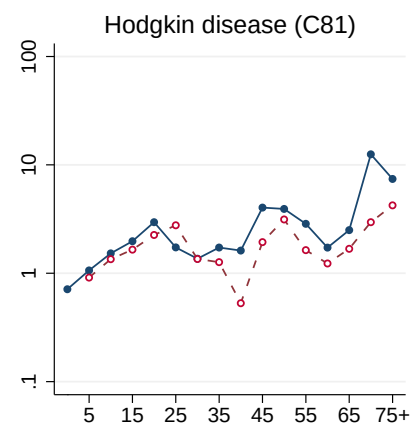
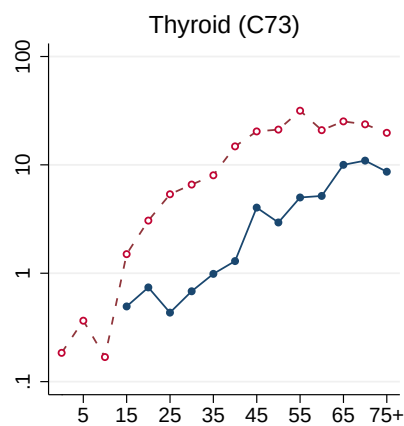
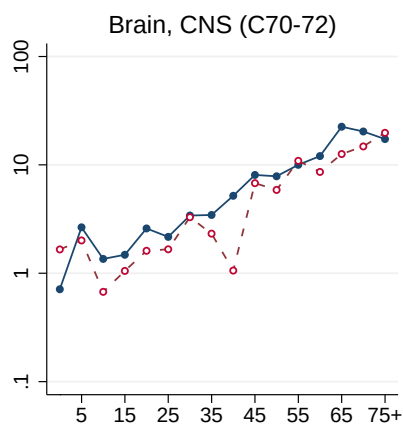
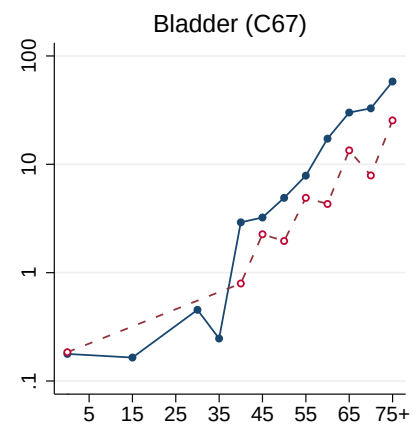
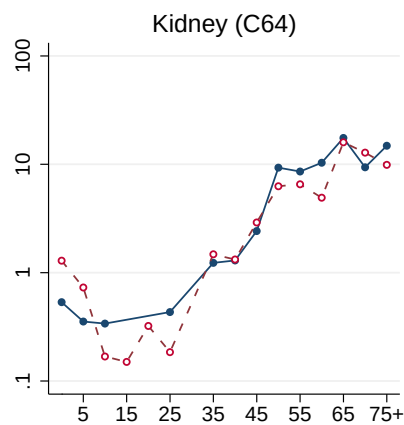
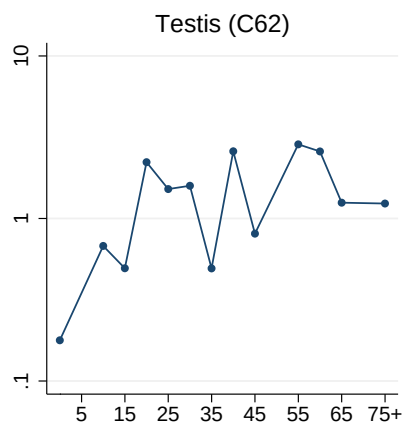
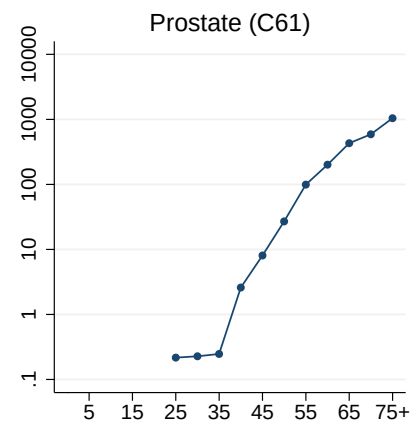
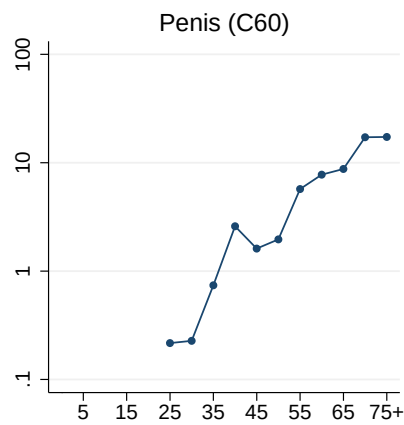
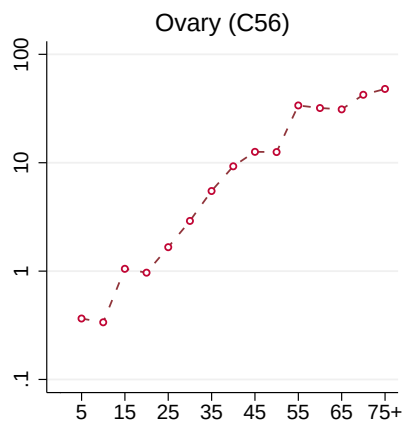
Age in Years



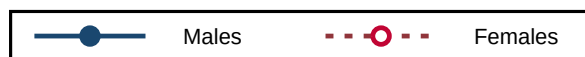
BRAZIL, FORTALEZA (2002-2006)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years

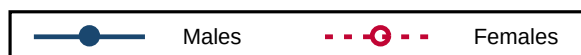
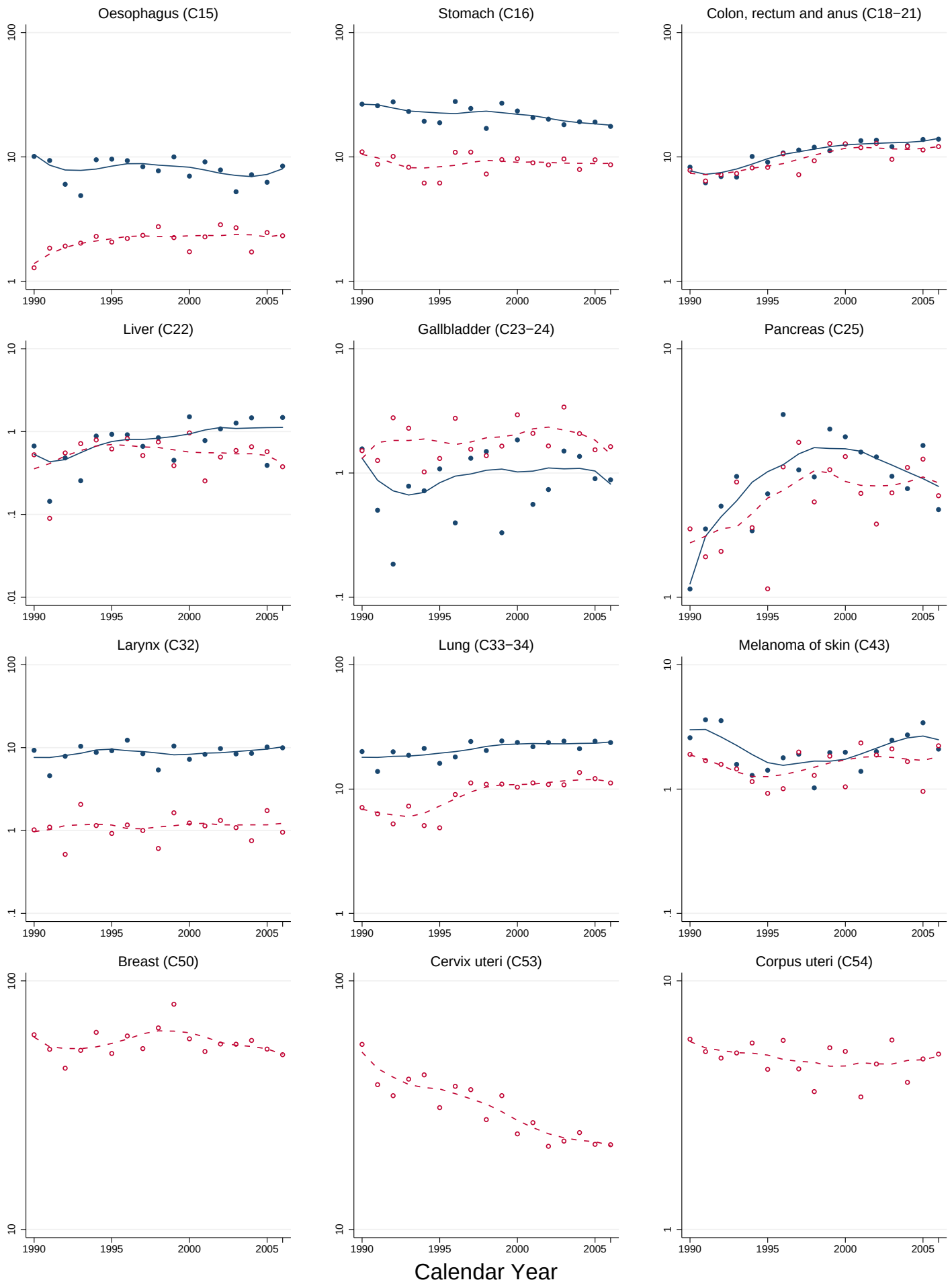


BRAZIL, FORTALEZA (1990–2006)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

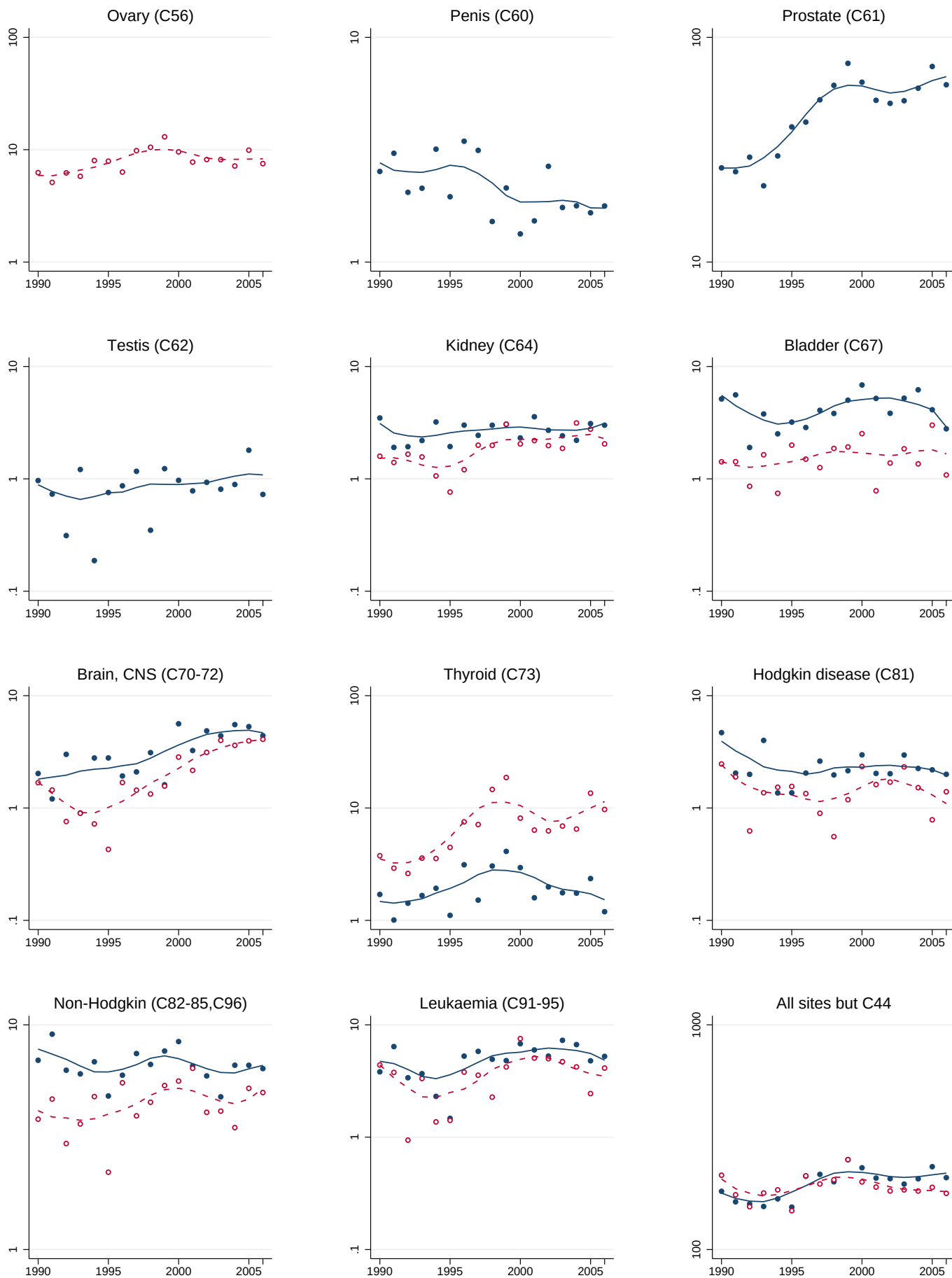


BRAZIL, FOTALEZA (1990-2006)

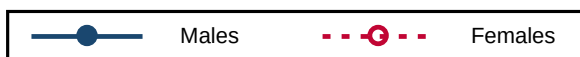
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

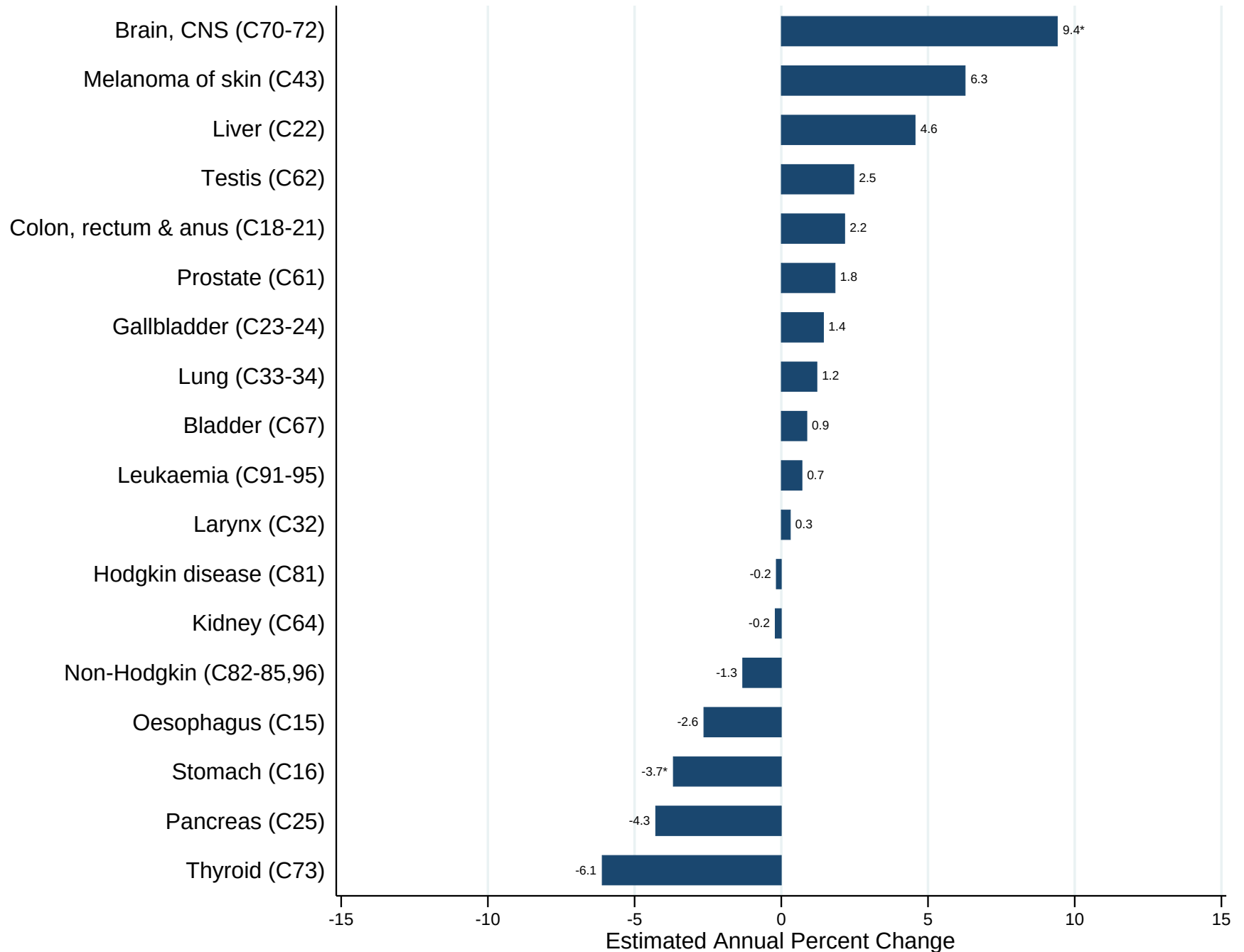


Calendar Year



BRAZIL, FOTALEZA (1996-2006)

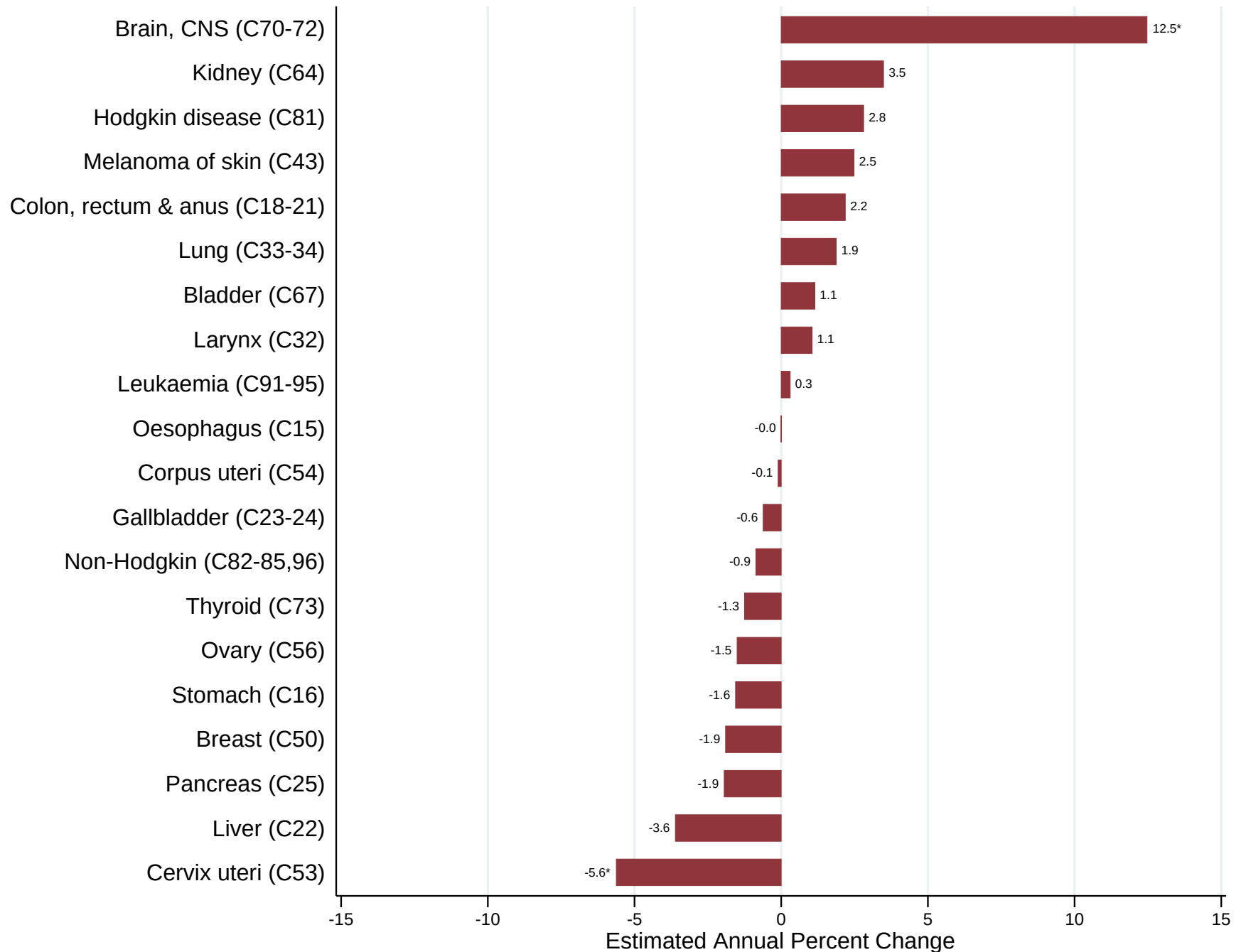
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero (p<=.05)

BRAZIL, FOTALEZA (1996-2006)

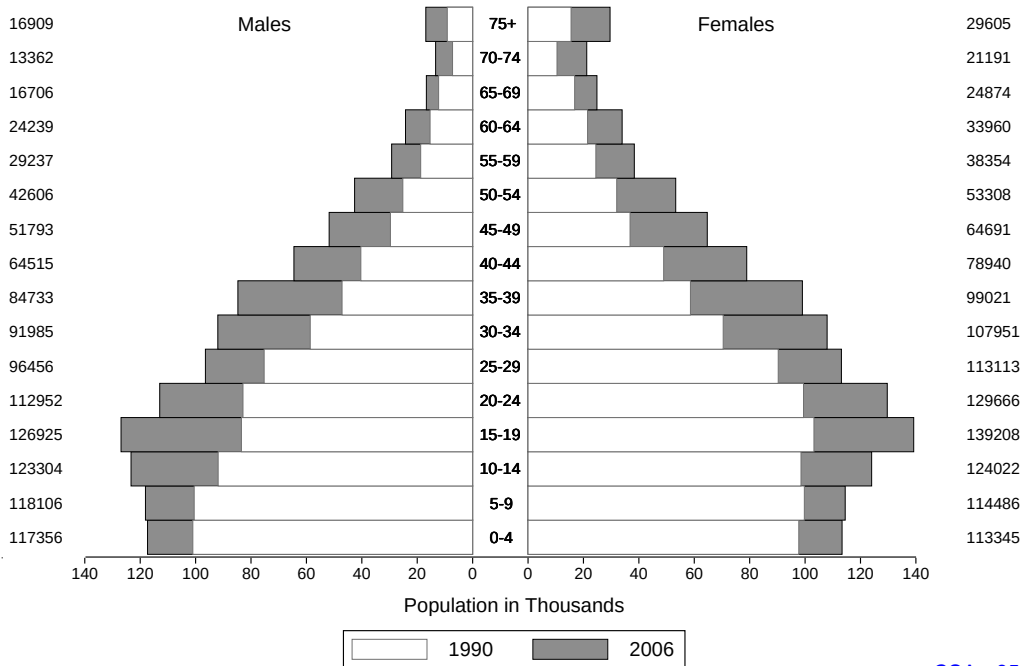
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, FORTALEZA (1990-2006)

Average annual person-years



Note: Population values shown for year 2006

Registry Summary Tables and Figures

BRAZIL, GOIANIA (1988-1991, 1993–2007)

Registry Director*: Dr José Carlos de Oliveira

Registry Staff*: Maria Paula Curado, Carleane Maciel Bandeira e Silva, Matinair Siqueira Mineiro, Elcivone Cirineu de Sousa, Diego Rodrigues Mendonca e Silva, Daniel Levi Santos Moura

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, GOIANIA (1988-1991)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR				TOTAL n (%)
	1988 n (%)	1989 n (%)	1990 n (%)	1991 n (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	25 (5.3)	18 (2.6)	33 (4.9)	30 (4.8)	106 (4.3)
Digestive organs (C15-C26)	113 (23.9)	161 (23.1)	125 (18.6)	122 (19.3)	521 (21.1)
Respiratory organs (C30-C39)	68 (14.4)	78 (11.2)	72 (10.7)	66 (10.5)	284 (11.5)
Bone, cartilage, and skin (C40-C44)	130 (27.5)	217 (31.1)	223 (33.2)	201 (31.9)	771 (31.2)
Breast (C50)	1 (0.2)	1 (0.1)	0 (0.0)	1 (0.2)	3 (0.1)
Male genitalia (C60-C63)	53 (11.2)	73 (10.5)	84 (12.5)	69 (10.9)	279 (11.3)
Urinary organs (C64-C68)	19 (4.0)	34 (4.9)	23 (3.4)	25 (4.0)	101 (4.1)
Eye, brain, and thyroid (C69-C75)	7 (1.5)	29 (4.2)	25 (3.7)	36 (5.7)	97 (3.9)
Hematopoietic (C81-C96)	33 (7.0)	48 (6.9)	48 (7.1)	48 (7.6)	177 (7.2)
Other and unspecified	24 (5.1)	38 (5.5)	39 (5.8)	33 (5.2)	134 (5.4)
All sites	473 (100.0)	697 (100.0)	672 (100.0)	631 (100.0)	2473 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	9 (1.2)	13 (1.4)	12 (1.4)	9 (1.2)	43 (1.3)
Digestive organs (C15-C26)	120 (15.5)	94 (10.2)	125 (14.2)	110 (14.3)	449 (13.4)
Respiratory organs (C30-C39)	32 (4.1)	38 (4.1)	38 (4.3)	34 (4.4)	142 (4.2)
Bone, cartilage, and skin (C40-C44)	186 (24.0)	251 (27.1)	252 (28.6)	178 (23.1)	867 (25.9)
Breast (C50)	102 (13.1)	129 (13.9)	117 (13.3)	110 (14.3)	458 (13.7)
Female genitalia (C51-C58)	227 (29.3)	245 (26.5)	210 (23.8)	213 (27.7)	895 (26.7)
Urinary organs (C64-C68)	12 (1.5)	19 (2.1)	14 (1.6)	11 (1.4)	56 (1.7)
Eye, brain, and thyroid (C69-C75)	25 (3.2)	53 (5.7)	32 (3.6)	51 (6.6)	161 (4.8)
Hematopoietic (C81-C96)	26 (3.4)	40 (4.3)	48 (5.4)	33 (4.3)	147 (4.4)
Other and unspecified	37 (4.8)	44 (4.8)	34 (3.9)	20 (2.6)	135 (4.0)
All sites	776 (100.0)	926 (100.0)	882 (100.0)	769 (100.0)	3353 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	34 (2.7)	31 (1.9)	45 (2.9)	39 (2.8)	149 (2.6)
Digestive organs (C15-C26)	233 (18.7)	255 (15.7)	250 (16.1)	232 (16.6)	970 (16.6)
Respiratory organs (C30-C39)	100 (8.0)	116 (7.1)	110 (7.1)	100 (7.1)	426 (7.3)
Bone, cartilage, and skin (C40-C44)	316 (25.3)	468 (28.8)	475 (30.6)	379 (27.1)	1638 (28.1)
Urinary organs (C64-C68)	31 (2.5)	53 (3.3)	37 (2.4)	36 (2.6)	157 (2.7)
Eye, brain, and thyroid (C69-C75)	32 (2.6)	82 (5.1)	57 (3.7)	87 (6.2)	258 (4.4)
Hematopoietic (C81-C96)	59 (4.7)	88 (5.4)	96 (6.2)	81 (5.8)	324 (5.6)
Other and unspecified	61 (4.9)	82 (5.1)	73 (4.7)	53 (3.8)	269 (4.6)
All sites	1249 (100.0)	1623 (100.0)	1554 (100.0)	1400 (100.0)	5826 (100.0)

BRAZIL, GOIANIA (1988-1991)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR				TOTAL ASR (%)
	1988 ASR (%)	1989 ASR (%)	1990 ASR (%)	1991 ASR (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	11.2 (5.2)	7.8 (2.6)	13.4 (4.7)	11.5 (4.5)	11.0 (4.2)
Digestive organs (C15-C26)	52.3 (24.1)	70.0 (23.6)	53.5 (18.7)	50.5 (19.9)	56.5 (21.4)
Respiratory organs (C30-C39)	34.2 (15.7)	34.0 (11.5)	32.4 (11.3)	29.0 (11.5)	32.3 (12.3)
Bone, cartilage, and skin (C40-C44)	59.1 (27.2)	94.0 (31.7)	95.3 (33.3)	81.5 (32.2)	82.8 (31.4)
Breast (C50)	0.2 (0.1)	0.5 (0.2)	0 (0.0)	0.6 (0.2)	0.3 (0.1)
Male genitalia (C60-C63)	28.6 (13.2)	36.1 (12.2)	41.3 (14.4)	31.5 (12.4)	34.4 (13.1)
Urinary organs (C64-C68)	8.3 (3.8)	15.8 (5.3)	11.0 (3.9)	11.3 (4.5)	11.6 (4.4)
Eye, brain, and thyroid (C69-C75)	1.9 (0.9)	9.4 (3.2)	7.6 (2.7)	10.9 (4.3)	7.5 (2.9)
Hematopoietic (C81-C96)	10.5 (4.8)	15.4 (5.2)	15.9 (5.6)	13.8 (5.5)	13.9 (5.3)
Other and unspecified	10.8 (5.0)	13.6 (4.6)	15.4 (5.4)	12.6 (5.0)	13.2 (5.0)
All sites	217.2 (100.0)	296.6 (100.0)	286.0 (100.0)	253.2 (100.0)	263.6 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	2.5 (0.9)	4.2 (1.4)	4.1 (1.5)	2.6 (1.1)	3.4 (1.2)
Digestive organs (C15-C26)	44.5 (16.5)	33.5 (11.1)	43.3 (15.1)	39.3 (16.5)	40.1 (14.7)
Respiratory organs (C30-C39)	11.8 (4.4)	14.3 (4.7)	13.5 (4.7)	11.3 (4.8)	12.7 (4.6)
Bone, cartilage, and skin (C40-C44)	69.6 (25.9)	86.7 (28.6)	86.9 (30.4)	59.4 (25.0)	75.5 (27.6)
Breast (C50)	35.3 (13.1)	42.0 (13.9)	36.2 (12.7)	32.3 (13.6)	36.4 (13.3)
Female genitalia (C51-C58)	72.1 (26.8)	73.2 (24.1)	61.9 (21.7)	61.4 (25.9)	67.0 (24.5)
Urinary organs (C64-C68)	5.0 (1.8)	6.5 (2.1)	4.9 (1.7)	3.1 (1.3)	4.8 (1.8)
Eye, brain, and thyroid (C69-C75)	6.6 (2.5)	14.8 (4.9)	8.9 (3.1)	12.5 (5.3)	10.8 (3.9)
Hematopoietic (C81-C96)	7.6 (2.8)	12.7 (4.2)	14.3 (5.0)	9.0 (3.8)	10.9 (4.0)
Other and unspecified	13.9 (5.2)	15.1 (5.0)	11.9 (4.2)	6.4 (2.7)	11.7 (4.3)
All sites	268.9 (100.0)	303.1 (100.0)	285.9 (100.0)	237.4 (100.0)	273.3 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	6.5 (2.7)	5.9 (2.0)	8.4 (2.9)	6.6 (2.7)	6.9 (2.6)
Digestive organs (C15-C26)	47.9 (19.6)	50.0 (16.8)	47.9 (16.8)	44.2 (18.2)	47.5 (17.8)
Respiratory organs (C30-C39)	21.9 (9.0)	23.3 (7.8)	21.9 (7.7)	19.3 (7.9)	21.6 (8.1)
Bone, cartilage, and skin (C40-C44)	64.8 (26.6)	89.6 (30.0)	90.6 (31.8)	69.3 (28.5)	78.6 (29.4)
Urinary organs (C64-C68)	6.5 (2.7)	10.6 (3.5)	7.5 (2.7)	6.8 (2.8)	7.8 (2.9)
Eye, brain, and thyroid (C69-C75)	4.4 (1.8)	12.3 (4.1)	8.4 (2.9)	11.7 (4.8)	9.3 (3.5)
Hematopoietic (C81-C96)	8.9 (3.6)	14.0 (4.7)	15.1 (5.3)	11.3 (4.6)	12.3 (4.6)
Other and unspecified	12.5 (5.1)	14.5 (4.8)	13.5 (4.8)	9.2 (3.8)	12.4 (4.6)
All sites	244.1 (100.0)	298.2 (100.0)	284.4 (100.0)	243.0 (100.0)	267.3 (100.0)

BRAZIL, GOIANIA (1988-1991)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	106	0	.	.	0.5	.	1.6	1.2	0.7	5.2	8.6	16.8	24.9	16.6	62.9	50.9	94.3	50.5	6.2	11.0	1.42	91	8	6	C00-14
Oesophagus (C15)	75	0	.	.	.	.	.	.	.	2.6	10.8	8.4	8.9	11.9	44.0	64.8	50.8	69.4	4.4	8.3	1.01	77	17	8	C15
Stomach (C16)	217	0	.	.	.	.	0.5	1.2	5.0	2.6	13.0	16.8	28.5	92.6	72.3	175.9	199.5	265.2	12.7	24.2	2.84	82	13	3	C16
Colon (C18)	72	0	.	.	.	.	0.5	0.6	0.7	2.6	9.7	12.6	8.9	16.6	40.9	18.5	94.3	37.9	4.2	7.6	1.03	83	14		C18
Rectum (C19-20)	41	0	.	.	.	.	0.5	1.2	2.2	2.6	2.2	4.2	5.3	4.8	6.3	27.8	29.0	63.1	2.4	4.2	0.43	80	12		C19-20
Colorectal (C18-20)	113	0	.	.	.	.	1.1	1.8	2.9	5.2	11.9	16.8	14.2	21.4	47.2	46.3	123.3	101.0	6.6	11.8	1.46	82	13	5	C18-20
Anus (C21)	4	0	.	0.5	.	.	.	.	0.7	.	.	1.4	.	.	.	4.6	.	.	0.2	0.3	0.04	100	0	26	C21
Colon, rectum and anus (C18-21)	117	0	.	0.5	.	.	1.1	1.8	3.6	5.2	11.9	18.2	14.2	21.4	47.2	50.9	123.3	101.0	6.8	12.1	1.50	83	13		C18-21
Liver (C22)	37	0	0.5	0.5	.	.	.	.	.	0.9	1.1	1.4	1.8	21.4	25.2	23.1	21.8	37.9	2.2	4.2	0.49	54	32	13	C22
Gallbladder (C23-24)	20	0	.	.	.	.	.	.	.	.	1.1	4.2	1.8	4.8	9.4	4.6	29.0	31.6	1.2	2.3	0.27	60	35	18	C23-24
Pancreas (C25)	38	0	.	.	.	.	0.5	0.6	0.7	3.5	1.1	4.2	8.9	16.6	3.1	9.3	29.0	50.5	2.2	3.8	0.39	55	21	14	C25
Nose, sinuses (C30-31)	7	0	.	.	.	.	.	.	1.4	.	1.1	1.4	.	.	6.3	4.6	.	.	0.4	0.6	0.07	100	0	23	C30-31
Larynx (C32)	53	0	.	.	.	.	.	.	.	2.6	1.1	2.8	14.2	19.0	37.7	32.4	43.5	37.9	3.1	6.0	0.77	85	13	9	C32
Lung, trachea and bronchus (C33-34)	214	0	.	.	.	.	.	.	.	1.7	4.3	21.0	49.8	83.1	97.5	208.3	181.3	183.1	12.5	24.9	3.24	68	21	2	C33-34
Melanoma of skin (C43)	26	0	.	.	.	.	.	.	1.4	0.9	5.4	2.8	3.6	11.9	6.3	9.3	14.5	18.9	1.5	2.5	0.28	92	8	16	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	6	0	.	0.5	.	.	0.5	.	1.4	.	.	.	1.8	.	3.1	.	.	.	0.4	0.4	0.04	67	33	24	C46
Breast (C50)	3	0	.	.	.	.	.	.	.	0.9	.	.	.	.	.	.	7.3	6.3	0.2	0.3	0.04	100	0	25	C50
Penis (C60)	24	0	.	.	.	.	.	.	2.9	0.9	1.1	.	3.6	9.5	9.4	4.6	29.0	25.3	1.4	2.4	0.30	92	8	17	C60
Prostate (C61)	236	0	.	.	.	.	.	.	.	.	.	.	7.1	40.4	94.3	185.1	333.5	625.0	13.8	30.5	3.30	76	15	1	C61
Testis (C62)	17	0	.	.	.	.	0.5	2.4	1.4	1.7	1.1	1.4	1.8	4.8	6.3	4.6	.	.	1.0	1.2	0.13	94	6	20	C62
Kidney (C64)	27	0	0.5	.	.	.	.	.	0.7	1.7	1.1	2.8	3.6	4.8	18.9	23.1	29.0	6.3	1.6	3.0	0.43	81	11	15	C64
Bladder (C67)	71	0	0.5	.	.	.	.	.	1.4	0.9	1.1	4.2	7.1	19.0	22.0	69.4	98.0	132.6	4.1	8.4	0.92	93	3	7	C67
Brain, CNS (C70-72)	71	0	3.7	1.0	0.5	1.1	1.6	2.4	5.8	5.2	5.4	12.6	12.5	9.5	12.6	9.3	14.5	31.6	4.1	5.5	0.49	75	15	11	C70-72
Thyroid (C73)	9	0	.	.	.	.	.	1.2	0.7	0.9	.	.	1.8	.	6.3	4.6	7.3	.	0.5	0.8	0.11	100	0	22	C73
Hodgkin disease (C81)	19	0	.	0.5	1.6	1.6	0.5	0.6	2.2	2.6	1.1	.	1.8	2.4	.	4.6	7.3	.	1.1	1.2	0.13	84	16	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	61	0	3.2	.	1.0	2.7	1.1	1.8	2.2	4.4	2.2	7.0	3.6	9.5	15.7	27.8	36.3	37.9	3.6	5.4	0.59	87	13	12	C82-85;C96
Multiple myeloma (C88-C90)	15	0	.	.	.	.	0.5	.	.	.	.	.	3.6	7.1	6.3	13.9	21.8	6.3	0.9	1.7	0.27	67	27	19	C88-C90
Lymphoid leukaemia (C91)	27	0	1.6	2.6	1.6	1.6	0.5	.	0.7	0.9	.	2.8	.	2.4	12.6	4.6	7.3	6.3	1.6	2.1	0.20	67	11		C91
Myeloid leukaemia (C92-94)	42	0	1.6	.	0.5	2.1	3.7	2.4	3.6	3.5	2.2	2.8	5.3	4.8	6.3	.	7.3	12.6	2.5	2.8	0.23	43	29		C92-94
Leukaemia unspecified (C95)	13	0	0.5	.	0.5	0.5	.	1.8	1.4	0.9	1.1	1.4	.	2.4	.	.	.	6.3	0.8	0.8	0.05	31	54		C95
Leukaemia (C91-95)	82	0	3.7	2.6	2.6	4.2	4.3	4.2	5.8	5.2	3.2	7.0	5.3	9.5	18.9	4.6	14.5	25.3	4.8	5.6	0.48	49	27	10	C91-95
Other and unspecified (O&U)	112	0	1.1	0.5	.	0.5	1.6	1.8	2.2	3.5	5.4	9.8	17.8	21.4	69.2	78.7	65.3	101.0	6.5	11.9	1.39	71	21	4	O&U
All sites but C44 (ALLbC44)	1748	0	15.3	7.3	8.4	13.3	18.7	21.7	47.6	55.9	85.3	154.0	245.5	451.3	710.6	1083.0	1384.9	1862.4	102.2	184.5	21.51	78	15		ALLbC44
All sites (ALL)	2473	0	15.3	7.3	8.9	13.8	21.9	32.6	58.4	91.7	118.8	226.7	329.2	677.0	1034.4	1624.5	1892.4	2670.5	144.5	263.6	30.77	84	11		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, GOIANIA (1988-1991)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	43	0	.	.	.	1.4	1.0	0.5	0.6	3.8	2.9	2.6	6.7	10.3	13.3	18.2	17.2	18.8	2.3	3.4	0.39	95	5	13	C00-14
Oesophagus (C15)	23	0	.	.	.	.	.	.	.	0.8	.	5.1	3.3	4.1	2.7	7.3	51.5	9.4	1.2	2.2	0.37	78	17	18	C15
Stomach (C16)	136	0	.	.	.	0.5	.	1.6	3.8	4.6	5.8	15.4	18.4	28.9	29.2	98.5	91.5	108.2	7.3	12.1	1.49	79	15	4	C16
Colon (C18)	105	0	.	.	.	.	1.0	3.2	3.1	2.3	5.8	5.1	25.1	26.9	26.6	29.2	102.9	70.6	5.6	9.1	1.16	86	13		C18
Rectum (C19-20)	47	0	.	.	.	.	0.5	0.5	3.1	0.8	1.0	5.1	5.0	8.3	18.6	25.5	17.2	47.0	2.5	4.1	0.43	81	15		C19-20
Colorectal (C18-20)	152	0	.	.	.	.	1.4	3.7	6.3	3.1	6.8	10.3	30.1	35.1	45.1	54.7	120.1	117.6	8.2	13.1	1.58	84	14	3	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	.	.	.	.	2.1	.	3.6	.	9.4	0.2	0.4	0.03	100	0	24	C21
Colon, rectum and anus (C18-21)	156	0	.	.	.	.	1.4	3.7	6.3	3.1	6.8	10.3	30.1	37.2	45.1	58.4	120.1	127.0	8.4	13.5	1.61	85	13		C18-21
Liver (C22)	35	0	0.6	.	.	0.5	0.5	.	.	0.8	.	2.6	8.4	16.5	15.9	.	17.2	32.9	1.9	3.1	0.31	46	51	16	C22
Gallbladder (C23-24)	47	0	.	.	0.5	.	.	.	1.3	0.8	2.9	2.6	6.7	12.4	18.6	25.5	34.3	37.6	2.5	4.3	0.53	70	21	10	C23-24
Pancreas (C25)	33	0	.	.	.	.	.	.	.	.	.	2.6	6.7	10.3	13.3	21.9	28.6	28.2	1.8	3.2	0.42	45	33	14	C25
Nose, sinuses (C30-31)	4	0	.	.	.	.	.	0.5	.	.	.	.	5.0	.	.	.	.	.	0.2	0.3	0.03	100	0	25	C30-31
Larynx (C32)	11	0	.	.	.	.	.	1.1	.	.	1.0	1.3	.	.	2.7	10.9	.	14.1	0.6	0.9	0.08	91	9	23	C32
Lung, trachea and bronchus (C33-34)	121	0	.	.	.	0.5	0.5	1.1	0.6	5.4	4.9	9.0	23.4	37.2	42.5	76.6	80.1	65.8	6.5	10.9	1.41	70	22	6	C33-34
Melanoma of skin (C43)	24	0	.	.	.	.	.	1.1	1.3	.	.	3.9	3.3	2.1	13.3	18.2	5.7	14.1	1.3	2.1	0.24	92	8	19	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	.	.	.	1.7	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C46
Breast (C50)	458	0	.	.	.	0.5	1.4	4.8	13.2	36.0	47.7	102.7	87.1	117.8	103.6	135.0	194.5	136.4	24.6	36.4	4.22	87	8	2	C50
Cervix uteri (C53)	709	0	.	.	.	0.5	7.6	14.8	44.0	63.6	91.4	106.5	127.2	152.9	148.7	153.2	205.9	235.2	38.1	52.0	5.58	96	3	1	C53
Corpus uteri (C54)	37	0	.	.	.	.	0.5	0.5	.	1.5	5.8	2.6	3.3	10.3	15.9	21.9	11.4	18.8	2.0	3.2	0.37	95	3	15	C54
Ovary (C56)	59	0	.	.	1.0	1.4	2.4	1.1	1.3	5.4	3.9	3.9	15.1	12.4	10.6	21.9	22.9	9.4	3.2	4.3	0.52	88	8	9	C56
Kidney (C64)	24	0	2.8	.	.	0.5	0.5	.	0.6	0.8	.	3.9	3.3	4.1	10.6	3.6	11.4	4.7	1.3	1.9	0.21	88	13	20	C64
Bladder (C67)	28	0	.	.	.	.	.	.	.	0.8	2.9	2.6	5.0	2.1	10.6	21.9	5.7	32.9	1.5	2.6	0.26	79	18	17	C67
Brain, CNS (C70-72)	72	0	2.2	3.7	1.5	0.9	2.9	2.7	3.1	4.6	2.9	6.4	8.4	10.3	10.6	14.6	34.3	9.4	3.9	4.9	0.55	71	24	7	C70-72
Thyroid (C73)	70	0	.	.	0.5	0.5	2.4	4.8	4.4	5.4	9.7	10.3	6.7	8.3	13.3	10.9	11.4	18.8	3.8	4.6	0.44	91	9	8	C73
Hodgkin disease (C81)	27	0	.	1.6	0.5	0.9	1.0	1.1	1.9	2.3	1.0	.	.	6.2	8.0	7.3	5.7	4.7	1.4	1.8	0.19	81	15	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	46	0	1.7	.	0.5	1.4	0.5	1.6	.	0.8	2.9	3.9	6.7	12.4	10.6	25.5	5.7	28.2	2.5	3.7	0.37	72	24	12	C82-85;C96
Multiple myeloma (C88-C90)	14	0	.	.	.	.	.	.	.	.	.	1.3	1.7	2.1	2.7	25.5	17.2	.	0.8	1.5	0.25	57	29	22	C88-C90
Lymphoid leukaemia (C91)	23	0	2.8	1.1	2.0	0.9	1.0	.	.	.	.	.	3.3	2.1	.	7.3	5.7	9.4	1.2	1.6	0.13	35	35		C91
Myeloid leukaemia (C92-94)	26	0	.	.	0.5	0.5	1.9	1.1	2.5	.	4.9	2.6	1.7	.	2.7	.	17.2	9.4	1.4	1.6	0.18	38	35		C92-94
Leukaemia unspecified (C95)	11	0	1.1	.	0.5	.	0.5	.	0.6	.	.	.	.	2.1	.	.	11.4	14.1	0.6	0.8	0.08	36	18		C95
Leukaemia (C91-95)	60	0	3.9	1.1	3.1	1.4	3.3	1.1	3.1	.	4.9	2.6	5.0	4.1	2.7	7.3	34.3	32.9	3.2	4.0	0.39	37	32	11	C91-95
Other and unspecified (O&U)	122	0	.	.	.	0.5	0.5	0.5	1.9	3.8	3.9	14.1	23.4	35.1	53.1	32.8	97.2	89.4	6.5	11.0	1.33	53	34	5	O&U
All sites but C44 (ALLbC44)	2530	0	15.4	7.5	11.7	15.2	27.6	43.5	93.7	153.4	214.0	332.4	430.2	570.3	634.7	882.9	1155.3	1165.5	135.8	200.9	22.94	83	12		ALLbC44
All sites (ALL)	3353	0	15.4	7.5	12.2	16.6	31.4	50.9	106.9	186.3	265.5	412.0	552.5	776.9	884.3	1251.3	1630.0	1951.9	180.0	273.3	31.00	87	9		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

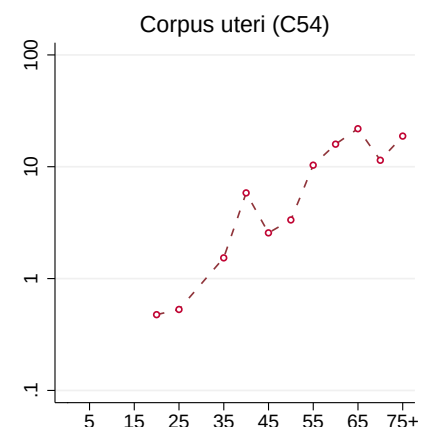
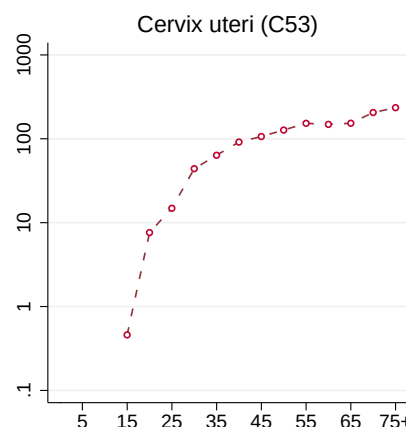
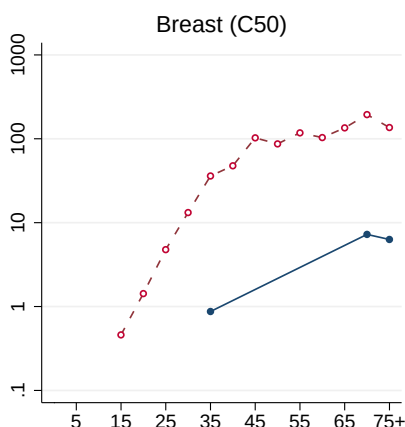
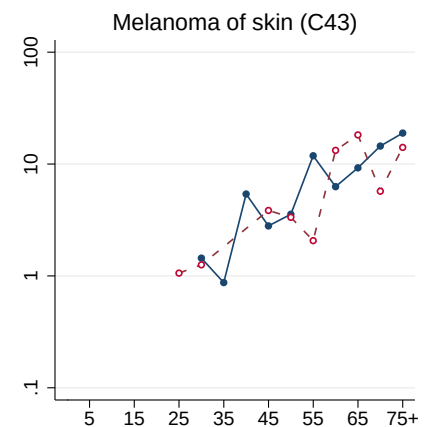
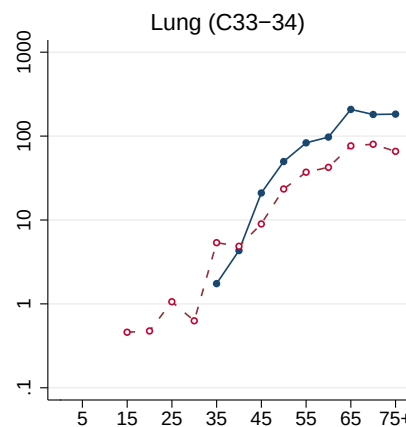
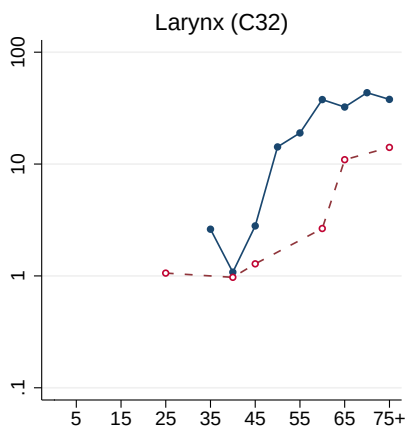
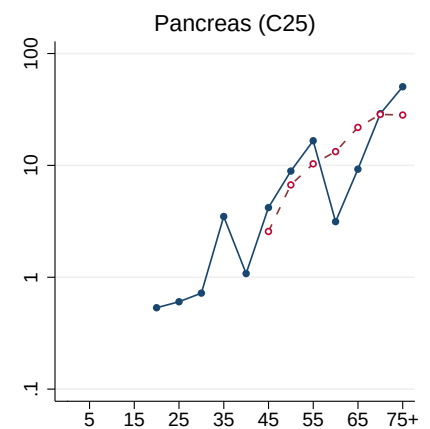
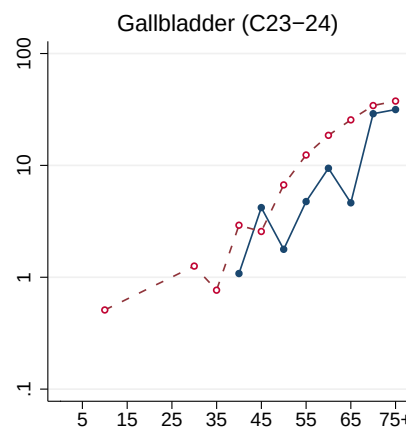
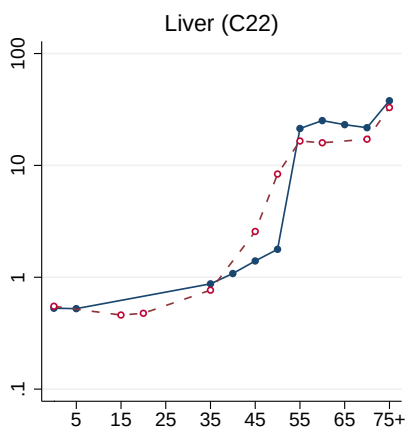
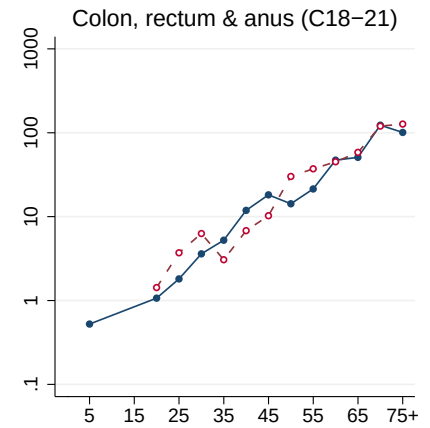
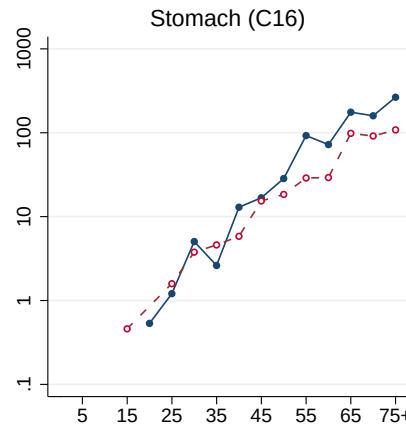
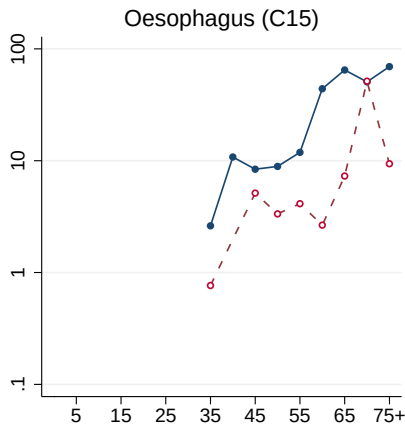
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

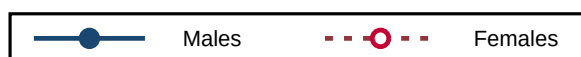
BRAZIL, GOIANIA (1988–1991)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



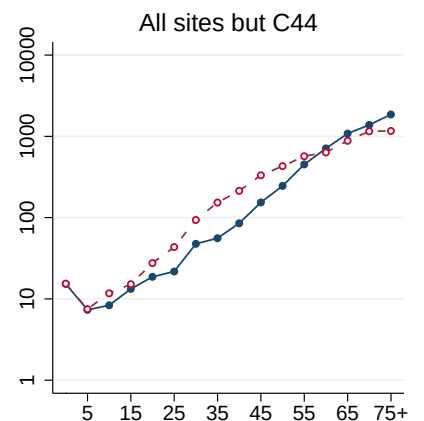
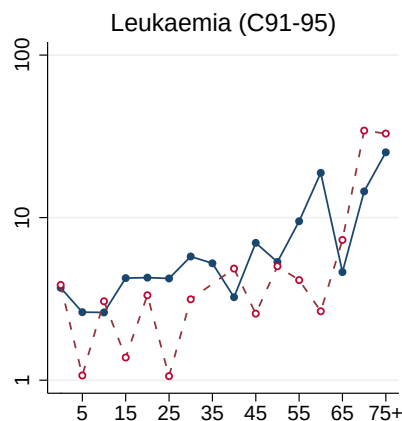
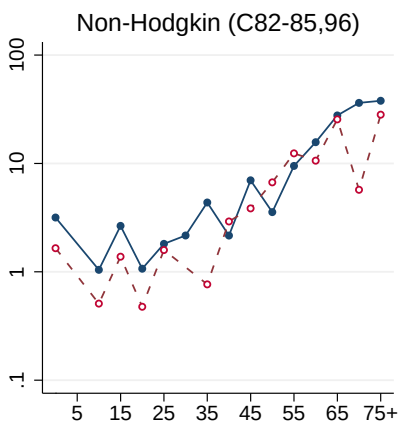
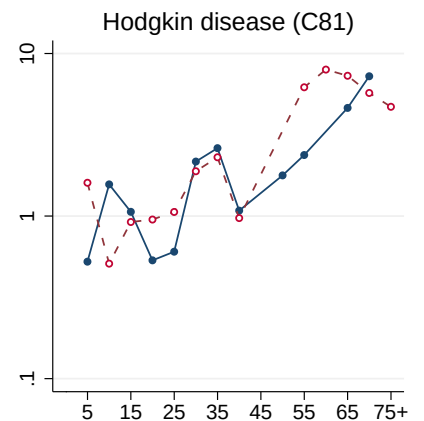
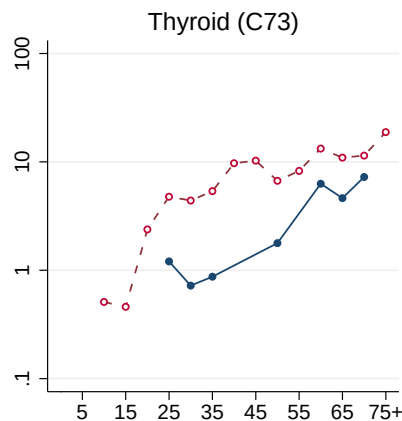
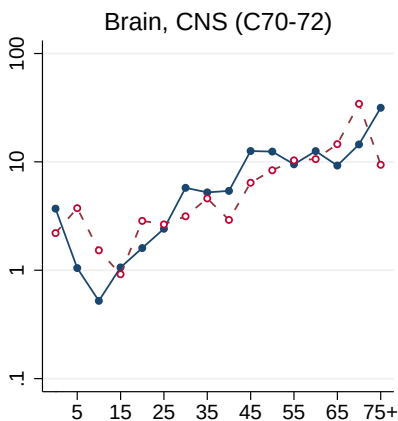
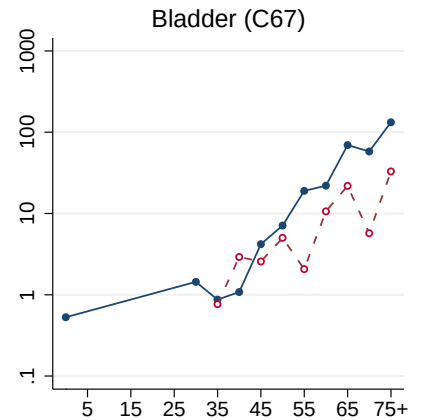
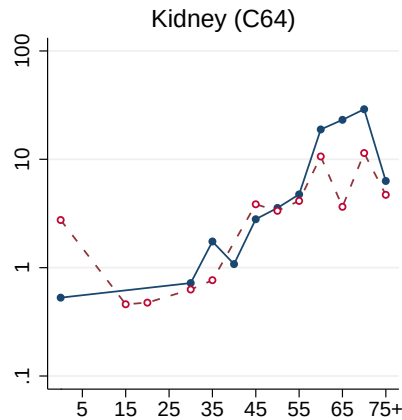
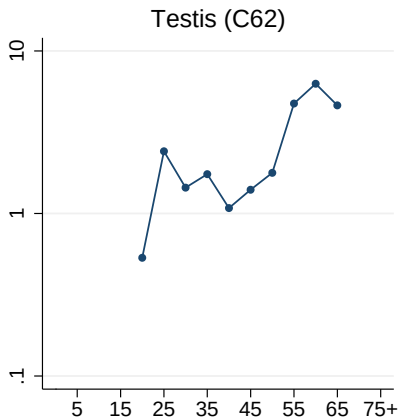
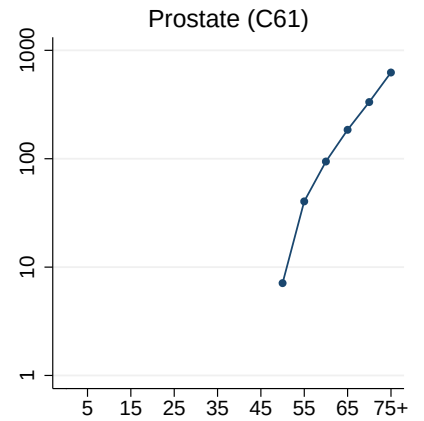
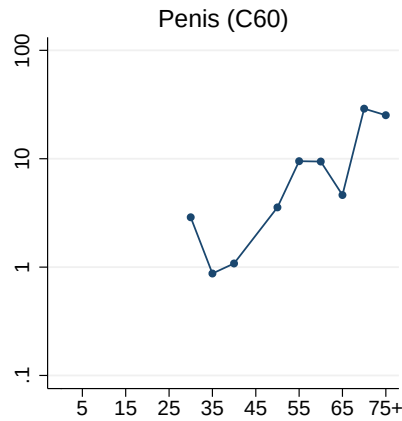
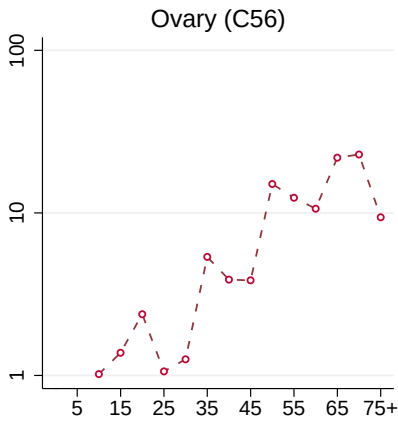
Age in Years



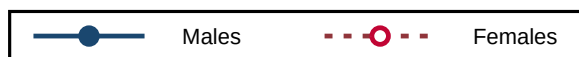
BRAZIL, GOIANIA (1988-1991)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, GOIANIA (1993-1997)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1993 n (%)	1994 n (%)	1995 n (%)	1996 n (%)	1997 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	46 (6.4)	52 (6.4)	44 (4.1)	38 (3.4)	42 (3.4)	222 (4.4)
Digestive organs (C15-C26)	105 (14.7)	131 (16.1)	140 (12.9)	171 (15.2)	138 (11.0)	685 (13.7)
Respiratory organs (C30-C39)	78 (10.9)	78 (9.6)	95 (8.7)	66 (5.9)	80 (6.4)	397 (8.0)
Bone, cartilage, and skin (C40-C44)	232 (32.5)	300 (36.9)	496 (45.7)	413 (36.6)	508 (40.6)	1949 (39.0)
Breast (C50)	0 (0.0)	0 (0.0)	1 (0.1)	1 (0.1)	2 (0.2)	4 (0.1)
Male genitalia (C60-C63)	85 (11.9)	99 (12.2)	141 (13.0)	262 (23.2)	310 (24.8)	897 (18.0)
Urinary organs (C64-C68)	38 (5.3)	24 (2.9)	31 (2.9)	45 (4.0)	41 (3.3)	179 (3.6)
Eye, brain, and thyroid (C69-C75)	36 (5.0)	31 (3.8)	41 (3.8)	39 (3.5)	45 (3.6)	192 (3.8)
Hematopoietic (C81-C96)	54 (7.6)	58 (7.1)	64 (5.9)	55 (4.9)	43 (3.4)	274 (5.5)
Other and unspecified	40 (5.6)	41 (5.0)	33 (3.0)	38 (3.4)	42 (3.4)	194 (3.9)
All sites	714 (100.0)	814 (100.0)	1086 (100.0)	1128 (100.0)	1251 (100.0)	4993 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5 (0.5)	12 (1.2)	19 (1.4)	20 (1.7)	19 (1.5)	75 (1.3)
Digestive organs (C15-C26)	113 (12.0)	120 (11.7)	134 (9.8)	138 (11.6)	112 (8.9)	617 (10.7)
Respiratory organs (C30-C39)	36 (3.8)	27 (2.6)	35 (2.6)	40 (3.4)	30 (2.4)	168 (2.9)
Bone, cartilage, and skin (C40-C44)	292 (31.1)	371 (36.3)	603 (44.0)	471 (39.5)	542 (43.2)	2279 (39.4)
Breast (C50)	156 (16.6)	164 (16.0)	174 (12.7)	167 (14.0)	195 (15.5)	856 (14.8)
Female genitalia (C51-C58)	216 (23.0)	215 (21.0)	239 (17.4)	228 (19.1)	202 (16.1)	1100 (19.0)
Urinary organs (C64-C68)	18 (1.9)	21 (2.1)	18 (1.3)	17 (1.4)	31 (2.5)	105 (1.8)
Eye, brain, and thyroid (C69-C75)	38 (4.0)	33 (3.2)	52 (3.8)	41 (3.4)	49 (3.9)	213 (3.7)
Hematopoietic (C81-C96)	30 (3.2)	35 (3.4)	61 (4.4)	43 (3.6)	47 (3.7)	216 (3.7)
Other and unspecified	35 (3.7)	25 (2.4)	37 (2.7)	26 (2.2)	29 (2.3)	152 (2.6)
All sites	939 (100.0)	1023 (100.0)	1372 (100.0)	1191 (100.0)	1256 (100.0)	5781 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	51 (3.1)	64 (3.5)	63 (2.6)	58 (2.5)	61 (2.4)	297 (2.8)
Digestive organs (C15-C26)	218 (13.2)	251 (13.7)	274 (11.1)	309 (13.3)	250 (10.0)	1302 (12.1)
Respiratory organs (C30-C39)	114 (6.9)	105 (5.7)	130 (5.3)	106 (4.6)	110 (4.4)	565 (5.2)
Bone, cartilage, and skin (C40-C44)	524 (31.7)	671 (36.5)	1099 (44.7)	884 (38.1)	1050 (41.9)	4228 (39.2)
Urinary organs (C64-C68)	56 (3.4)	45 (2.4)	49 (2.0)	62 (2.7)	72 (2.9)	284 (2.6)
Eye, brain, and thyroid (C69-C75)	74 (4.5)	64 (3.5)	93 (3.8)	80 (3.4)	94 (3.7)	405 (3.8)
Hematopoietic (C81-C96)	84 (5.1)	93 (5.1)	125 (5.1)	98 (4.2)	90 (3.6)	490 (4.5)
Other and unspecified	75 (4.5)	66 (3.6)	70 (2.8)	64 (2.8)	71 (2.8)	346 (3.2)
All sites	1653 (100.0)	1837 (100.0)	2458 (100.0)	2319 (100.0)	2507 (100.0)	10774 (100.0)

BRAZIL, GOIANIA (1993-1997)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1993 ASR (%)	1994 ASR (%)	1995 ASR (%)	1996 ASR (%)	1997 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	16.1 (5.8)	19.7 (6.3)	15.7 (3.8)	11.4 (2.9)	13.0 (3.1)	15.0 (4.1)
Digestive organs (C15-C26)	43.8 (15.8)	54.5 (17.6)	54.6 (13.1)	60.0 (15.4)	46.4 (10.9)	51.9 (14.1)
Respiratory organs (C30-C39)	31.0 (11.2)	31.0 (10.0)	37.8 (9.1)	23.4 (6.0)	28.5 (6.7)	30.1 (8.2)
Bone, cartilage, and skin (C40-C44)	90.3 (32.5)	112.6 (36.3)	189.5 (45.6)	139.9 (35.9)	168.8 (39.7)	141.5 (38.6)
Breast (C50)	0 (0.0)	0 (0.0)	0.5 (0.1)	0.4 (0.1)	0.6 (0.1)	0.3 (0.1)
Male genitalia (C60-C63)	37.6 (13.5)	42.0 (13.5)	61.5 (14.8)	102.5 (26.3)	117.2 (27.6)	74.7 (20.4)
Urinary organs (C64-C68)	17.0 (6.1)	9.1 (2.9)	13.1 (3.2)	15.9 (4.1)	14.7 (3.5)	14.0 (3.8)
Eye, brain, and thyroid (C69-C75)	10.9 (3.9)	9.1 (2.9)	11.1 (2.7)	9.8 (2.5)	11.7 (2.7)	10.5 (2.9)
Hematopoietic (C81-C96)	15.3 (5.5)	16.6 (5.4)	20.4 (4.9)	14.9 (3.8)	11.5 (2.7)	15.6 (4.3)
Other and unspecified	15.8 (5.7)	15.7 (5.1)	11.7 (2.8)	11.7 (3.0)	12.7 (3.0)	13.4 (3.6)
All sites	277.8 (100.0)	310.3 (100.0)	416.1 (100.0)	389.8 (100.0)	425.0 (100.0)	367.1 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.5 (0.5)	3.1 (1.0)	5.1 (1.2)	5.6 (1.8)	5.3 (1.7)	4.2 (1.3)
Digestive organs (C15-C26)	36.2 (13.0)	37.6 (12.5)	43.8 (10.8)	38.7 (12.6)	29.5 (9.3)	36.9 (11.5)
Respiratory organs (C30-C39)	12.1 (4.3)	8.1 (2.7)	11.5 (2.8)	10.8 (3.5)	8.7 (2.7)	10.2 (3.2)
Bone, cartilage, and skin (C40-C44)	92.3 (33.2)	117.0 (38.8)	186.1 (46.0)	127.1 (41.3)	143.3 (44.9)	133.5 (41.5)
Breast (C50)	44.6 (16.0)	48.0 (15.9)	47.4 (11.7)	42.1 (13.7)	47.7 (15.0)	45.9 (14.2)
Female genitalia (C51-C58)	58.0 (20.8)	57.8 (19.2)	64.9 (16.0)	53.2 (17.3)	47.0 (14.8)	55.7 (17.3)
Urinary organs (C64-C68)	5.6 (2.0)	6.9 (2.3)	5.5 (1.4)	4.1 (1.3)	8.3 (2.6)	6.1 (1.9)
Eye, brain, and thyroid (C69-C75)	9.8 (3.5)	8.2 (2.7)	13.4 (3.3)	9.0 (2.9)	10.2 (3.2)	10.1 (3.1)
Hematopoietic (C81-C96)	7.5 (2.7)	7.8 (2.6)	16.0 (4.0)	10.9 (3.5)	11.3 (3.6)	10.8 (3.4)
Other and unspecified	10.7 (3.8)	7.0 (2.3)	11.3 (2.8)	6.5 (2.1)	7.3 (2.3)	8.5 (2.6)
All sites	278.2 (100.0)	301.6 (100.0)	404.9 (100.0)	308.0 (100.0)	318.8 (100.0)	321.9 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	8.2 (3.0)	10.6 (3.5)	9.9 (2.4)	8.3 (2.4)	8.9 (2.4)	9.1 (2.7)
Digestive organs (C15-C26)	39.4 (14.3)	45.0 (14.8)	48.6 (11.9)	48.2 (14.1)	37.0 (10.2)	43.6 (12.8)
Respiratory organs (C30-C39)	20.7 (7.5)	18.3 (6.0)	23.4 (5.7)	16.4 (4.8)	17.4 (4.8)	19.1 (5.6)
Bone, cartilage, and skin (C40-C44)	91.5 (33.1)	115.3 (37.9)	187.2 (45.9)	132.4 (38.7)	154.9 (42.5)	137.1 (40.3)
Urinary organs (C64-C68)	10.6 (3.8)	7.9 (2.6)	8.9 (2.2)	9.3 (2.7)	11.0 (3.0)	9.6 (2.8)
Eye, brain, and thyroid (C69-C75)	10.3 (3.7)	8.5 (2.8)	12.4 (3.0)	9.4 (2.8)	10.9 (3.0)	10.3 (3.0)
Hematopoietic (C81-C96)	11.1 (4.0)	11.8 (3.9)	18.1 (4.4)	12.8 (3.7)	11.4 (3.1)	13.0 (3.8)
Other and unspecified	12.9 (4.7)	10.9 (3.6)	11.5 (2.8)	8.9 (2.6)	9.7 (2.7)	10.7 (3.1)
All sites	276.5 (100.0)	303.9 (100.0)	408.0 (100.0)	342.2 (100.0)	364.3 (100.0)	340.4 (100.0)

BRAZIL, GOIANIA (1993-1997)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	222	1	.	0.4	.	0.4	0.4	4.0	1.5	6.0	13.9	25.6	41.3	48.8	57.9	78.0	66.8	83.2	9.4	15.0	1.73	96	2	4	C00-14
Oesophagus (C15)	111	0	.	.	.	.	.	.	.	.	3.6	12.3	13.4	29.3	36.5	59.3	57.3	66.6	4.7	8.5	1.06	91	7	8	C15
Stomach (C16)	268	1	.	.	.	.	.	0.9	1.5	2.4	10.9	18.0	30.4	52.1	90.1	90.5	181.3	241.3	11.3	20.5	2.40	94	4	3	C16
Colon (C18)	113	0	.	.	.	.	.	1.3	1.0	3.6	7.3	9.5	4.9	19.5	23.6	40.6	76.3	108.2	4.8	8.3	0.94	91	5		C18
Rectum (C19-20)	60	0	.	.	.	0.4	.	.	0.5	1.8	3.6	2.8	10.9	11.4	21.4	28.1	14.3	37.4	2.5	4.3	0.48	97	3		C19-20
Colorectal (C18-20)	173	0	.	.	.	0.4	.	1.3	1.5	5.4	10.9	12.3	15.8	30.9	45.0	68.6	90.7	145.6	7.3	12.6	1.41	93	5	5	C18-20
Anus (C21)	6	0	.	.	.	.	.	0.4	0.5	0.6	.	.	.	.	.	3.1	4.8	4.2	0.3	0.4	0.05	100	0	25	C21
Colon, rectum and anus (C18-21)	179	0	.	.	.	0.4	.	1.8	2.0	6.0	10.9	12.3	15.8	30.9	45.0	71.8	95.4	149.8	7.6	12.9	1.46	93	4		C18-21
Liver (C22)	43	0	.	.	.	.	.	.	0.5	1.2	0.7	.	3.6	11.4	15.0	25.0	42.9	20.8	1.8	3.4	0.50	65	30	15	C22
Gallbladder (C23-24)	26	0	.	.	.	.	.	.	.	0.6	.	0.9	3.6	6.5	10.7	15.6	9.5	20.8	1.1	2.0	0.24	65	31	19	C23-24
Pancreas (C25)	42	0	.	.	.	.	.	0.4	.	.	1.5	0.9	1.2	9.8	15.0	25.0	33.4	37.4	1.8	3.4	0.44	55	40	16	C25
Nose, sinuses (C30-31)	13	0	.	.	.	0.4	.	.	.	1.2	.	1.9	.	1.6	2.1	6.2	9.5	8.3	0.6	0.9	0.12	92	0	22	C30-31
Larynx (C32)	98	0	.	.	.	.	0.4	.	.	1.2	3.6	3.8	18.2	34.2	32.2	46.8	47.7	41.6	4.1	7.3	0.94	96	1	10	C32
Lung, trachea and bronchus (C33-34)	267	0	.	.	.	.	0.4	.	1.0	4.2	8.8	12.3	25.5	70.0	98.7	156.0	143.1	174.7	11.3	20.7	2.60	84	13	2	C33-34
Melanoma of skin (C43)	58	0	.	.	0.4	0.8	0.4	.	3.0	3.6	4.4	1.9	7.3	9.8	15.0	15.6	23.9	20.8	2.5	3.6	0.43	98	0	14	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	1.6	.	3.1	.	.	0.1	0.2	0.02	100	0	27	C45
Kaposi sarcoma (C46)	19	0	.	.	.	.	.	0.9	3.5	1.8	1.5	2.8	1.2	.	.	.	4.8	.	0.8	0.8	0.08	100	0	24	C46
Breast (C50)	4	0	.	.	.	.	.	.	.	.	.	.	.	1.2	2.1	.	4.8	.	0.2	0.3	0.05	100	0	26	C50
Penis (C60)	45	0	.	.	.	0.4	0.4	0.9	0.5	3.0	0.7	3.8	2.4	11.4	15.0	18.7	4.8	29.1	1.9	3.0	0.31	100	0	17	C60
Prostate (C61)	828	1	.	.	.	.	0.4	0.4	1.0	0.6	4.4	16.1	27.9	107.4	283.1	561.7	801.6	956.8	35.1	70.5	9.03	94	3	1	C61
Testis (C62)	19	0	0.4	.	.	0.8	0.8	0.4	1.5	1.8	2.2	0.9	1.2	1.6	.	.	4.8	.	0.8	0.8	0.08	95	0	23	C62
Kidney (C64)	53	0	2.5	0.8	.	.	.	0.9	1.0	.	.	2.8	6.1	8.1	21.4	15.6	23.9	33.3	2.2	3.8	0.42	89	8	13	C64
Bladder (C67)	123	0	.	.	.	.	.	0.4	0.5	0.6	2.2	2.8	9.7	19.5	38.6	71.8	124.1	112.3	5.2	10.1	1.35	92	7	7	C67
Brain, CNS (C70-72)	139	0	1.7	4.4	1.2	4.2	2.4	2.2	7.5	6.6	8.8	10.4	9.7	16.3	30.0	28.1	33.4	8.3	5.9	7.5	0.83	84	12	9	C70-72
Thyroid (C73)	26	0	.	.	.	.	.	2.2	1.0	3.0	.	3.8	1.2	6.5	2.1	3.1	9.5	4.2	1.1	1.4	0.16	96	4	21	C73
Hodgkin disease (C81)	61	0	0.4	2.8	1.6	2.3	3.1	3.5	1.5	1.8	2.9	2.8	3.6	8.1	.	15.6	.	4.2	2.6	2.8	0.25	84	5	18	C81
Non-Hodgkin lymphoma (C82-85; C96)	96	0	2.5	0.8	1.2	0.8	2.4	2.6	1.5	3.0	6.6	4.7	6.1	17.9	12.9	40.6	19.1	41.6	4.1	5.9	0.61	93	2	11	C82-85; C96
Multiple myeloma (C88-C90)	26	0	.	.	.	.	.	.	.	1.2	.	.	4.9	4.9	10.7	25.0	4.8	12.5	1.1	2.0	0.26	81	12	20	C88-C90
Lymphoid leukaemia (C91)	36	0	4.2	2.0	0.8	1.5	0.4	1.3	.	.	0.7	.	.	1.6	6.4	6.2	.	16.6	1.5	1.9	0.13	64	19		C91
Myeloid leukaemia (C92-94)	41	0	1.3	0.8	0.4	.	1.2	1.3	2.5	3.0	0.7	2.8	2.4	4.9	4.3	3.1	9.5	20.8	1.7	2.2	0.19	54	29		C92-94
Leukaemia unspecified (C95)	14	0	0.8	.	0.4	.	0.4	.	0.5	1.2	0.7	.	.	3.3	2.1	.	4.8	8.3	0.6	0.8	0.07	64	29		C95
Leukaemia (C91-95)	91	0	6.3	2.8	1.6	1.5	2.0	2.6	3.0	4.2	2.2	2.8	2.4	9.8	12.9	9.4	14.3	45.8	3.9	4.9	0.39	59	25	12	C91-95
Other and unspecified (O&U)	139	0	0.8	0.8	.	0.4	0.4	0.9	1.0	3.0	5.1	7.6	10.9	19.5	68.6	62.4	85.9	74.9	5.9	10.5	1.34	79	15	6	O&U
All sites but C44 (ALLbC44)	3134	3	16.3	13.3	7.0	17.3	16.1	30.4	36.2	60.1	100.6	169.6	267.2	559.6	933.0	1469.7	1889.4	2208.9	132.7	230.5	27.96	89	7		ALLbC44
All sites (ALL)	4993	3	16.3	13.3	7.0	18.1	20.0	37.4	55.9	112.3	196.2	315.5	476.1	880.1	1325.5	2306.0	2991.6	3743.9	211.4	367.1	43.88	93	4		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, GOIANIA (1993-1997)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	75	0	.	0.4	.	.	.	1.2	2.2	2.1	3.9	4.2	4.5	15.7	14.3	22.0	36.9	27.0	2.9	4.2	0.54	97	0	11	C00-14
Oesophagus (C15)	35	0	.	.	.	.	.	.	.	.	1.9	1.7	4.5	5.7	14.3	7.3	11.1	24.0	1.4	2.2	0.23	97	0	20	C15
Stomach (C16)	158	0	.	.	.	.	0.7	1.2	1.3	4.2	7.8	12.7	20.2	22.9	39.3	51.2	66.5	60.1	6.1	9.3	1.14	92	6	4	C16
Colon (C18)	149	2	.	.	0.4	.	0.3	0.4	0.9	5.7	4.5	11.9	18.0	21.4	33.9	43.9	55.4	81.1	5.8	8.8	1.00	87	11		C18
Rectum (C19-20)	92	0	.	.	.	0.3	.	.	2.6	2.1	5.2	4.2	6.7	15.7	10.7	34.2	55.4	48.0	3.6	5.4	0.69	90	8		C19-20
Colorectal (C18-20)	241	2	.	.	0.4	0.3	0.3	0.4	3.5	7.8	9.7	16.1	24.7	37.1	44.6	78.1	110.8	129.1	9.3	14.1	1.68	88	10	3	C18-20
Anus (C21)	14	0	.	.	.	.	.	.	.	0.5	1.3	0.8	.	2.9	5.4	4.9	7.4	3.0	0.5	0.8	0.12	100	0	24	C21
Colon, rectum and anus (C18-21)	255	2	.	.	0.4	0.3	0.3	0.4	3.5	8.3	11.0	17.0	24.7	40.0	50.0	82.9	118.2	132.1	9.9	15.0	1.80	89	9		C18-21
Liver (C22)	42	0	.	.	.	0.3	.	.	.	.	.	1.7	4.5	8.6	5.4	19.5	25.9	33.0	1.6	2.7	0.33	64	33	19	C22
Gallbladder (C23-24)	51	0	.	.	.	0.3	.	0.4	.	0.5	1.9	2.5	4.5	5.7	12.5	17.1	25.9	39.0	2.0	3.1	0.36	86	8	15	C23-24
Pancreas (C25)	46	0	.	.	.	.	.	.	0.4	.	2.6	.	1.1	8.6	7.1	26.8	25.9	36.0	1.8	2.9	0.36	52	41	17	C25
Nose, sinuses (C30-31)	4	0	.	.	.	.	.	.	.	.	0.6	0.8	.	1.4	.	.	.	3.0	0.2	0.2	0.01	100	0	25	C30-31
Larynx (C32)	24	0	.	.	.	.	.	.	.	0.5	1.3	2.5	5.6	8.6	5.4	2.4	7.4	3.0	0.9	1.4	0.17	96	0	22	C32
Lung, trachea and bronchus (C33-34)	129	0	.	.	.	0.3	0.3	.	2.2	0.5	1.3	6.8	10.1	24.3	41.1	53.7	51.7	78.1	5.0	8.0	0.96	73	18	5	C33-34
Melanoma of skin (C43)	63	0	.	.	.	0.7	0.7	2.3	1.3	2.6	2.6	2.5	7.9	5.7	8.9	22.0	11.1	30.0	2.4	3.3	0.34	97	2	14	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	.	.	0.8	.	.	.	.	.	.	0.0	0.1	0.00	100	0	26	C46
Breast (C50)	856	0	.	.	.	.	0.7	3.5	16.2	38.5	77.5	108.6	133.7	137.1	153.5	161.0	210.5	186.2	33.2	45.9	5.20	95	2	1	C50
Cervix uteri (C53)	842	0	.	.	.	.	5.6	22.9	35.0	46.9	68.5	94.2	98.9	114.3	128.5	146.4	169.9	102.1	32.6	41.4	4.65	98	1	2	C53
Corpus uteri (C54)	87	0	.	.	.	0.3	0.3	0.8	0.9	2.1	3.9	5.9	6.7	20.0	28.6	29.3	36.9	18.0	3.4	5.1	0.68	99	0	7	C54
Ovary (C56)	96	0	.	0.4	0.4	0.3	1.4	2.7	2.2	2.6	4.5	7.6	20.2	18.6	14.3	17.1	22.2	12.0	3.7	5.0	0.57	97	0	8	C56
Kidney (C64)	52	0	3.5	1.6	0.8	.	.	.	1.3	0.5	0.6	3.4	2.2	8.6	5.4	14.6	14.8	24.0	2.0	2.9	0.29	92	2	18	C64
Bladder (C67)	49	0	.	.	.	0.3	0.3	0.8	.	1.6	.	0.8	4.5	14.3	5.4	19.5	29.5	24.0	1.9	2.9	0.39	94	6	16	C67
Brain, CNS (C70-72)	95	0	1.7	2.5	3.4	1.7	0.7	1.2	2.2	1.6	6.5	8.5	7.9	7.1	12.5	9.8	36.9	15.0	3.7	4.7	0.52	81	11	9	C70-72
Thyroid (C73)	93	0	.	.	0.4	1.4	1.0	3.1	3.1	7.3	9.7	8.5	5.6	8.6	10.7	7.3	18.5	18.0	3.6	4.2	0.43	95	2	12	C73
Hodgkin disease (C81)	40	0	0.4	0.4	1.5	2.4	2.4	0.8	0.4	1.0	2.6	2.5	2.2	1.4	3.6	.	3.7	6.0	1.5	1.6	0.13	95	3	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	83	0	0.4	0.8	0.8	0.7	0.7	0.8	3.1	2.6	3.9	4.2	4.5	10.0	12.5	36.6	18.5	33.0	3.2	4.5	0.50	89	6	10	C82-85;C96
Multiple myeloma (C88-C90)	17	0	.	.	.	.	.	.	.	0.5	.	1.7	1.1	7.1	1.8	9.8	7.4	3.0	0.7	1.0	0.15	65	24	23	C88-C90
Lymphoid leukaemia (C91)	33	0	1.7	2.5	1.5	.	0.3	0.8	0.4	.	1.3	.	2.2	.	7.1	2.4	7.4	12.0	1.3	1.6	0.14	67	21		C91
Myeloid leukaemia (C92-94)	36	0	0.9	0.4	.	0.3	0.3	1.9	1.3	1.0	3.9	5.1	1.1	1.4	3.6	2.4	7.4	6.0	1.4	1.6	0.16	61	22		C92-94
Leukaemia unspecified (C95)	7	0	0.4	.	.	.	.	0.4	.	.	0.6	.	.	1.4	.	2.4	7.4	.	0.3	0.4	0.06	57	43		C95
Leukaemia (C91-95)	76	0	3.0	2.9	1.5	0.3	0.7	3.1	1.7	1.0	5.8	5.1	3.4	2.9	10.7	7.3	22.2	18.0	2.9	3.7	0.36	63	24	13	C91-95
Other and unspecified (O&U)	118	0	.	.	.	0.3	.	0.4	0.4	2.1	5.8	5.1	14.6	14.3	23.2	51.2	48.0	78.1	4.6	7.2	0.83	69	21	6	O&U
All sites but C44 (ALLbC44)	3586	2	13.0	12.0	10.7	12.6	20.3	46.5	82.2	136.4	233.2	323.2	412.5	534.2	639.1	839.2	1071.2	1072.0	138.9	192.4	21.94	91	5		ALLbC44
All sites (ALL)	5781	2	13.0	12.4	11.1	14.7	23.1	55.0	114.2	191.1	329.5	472.5	588.9	812.7	1124.6	1476.0	2061.1	2576.4	223.9	321.9	36.51	94	3		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

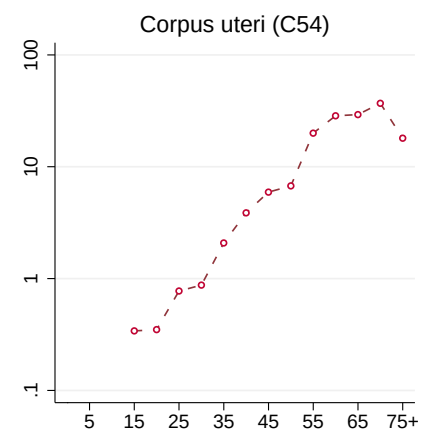
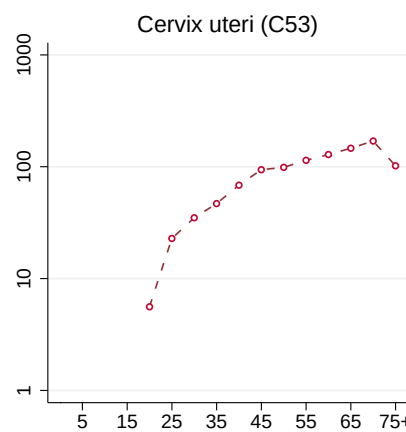
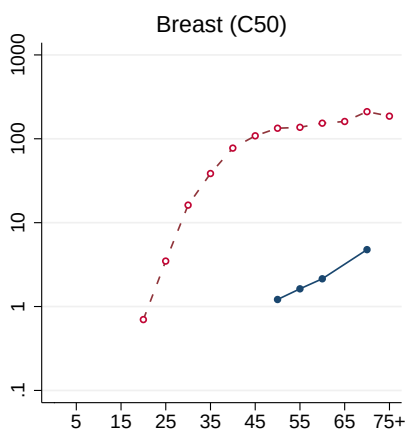
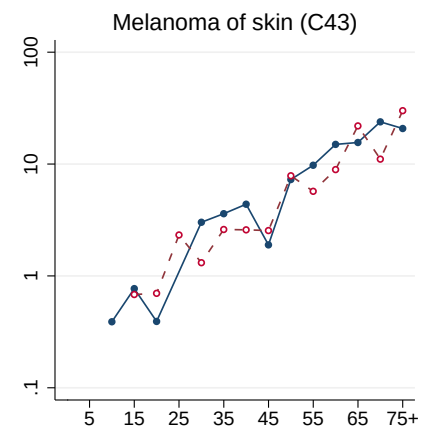
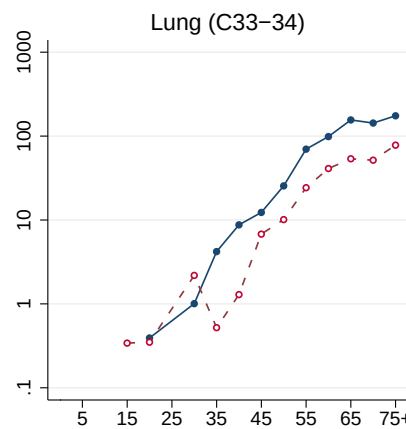
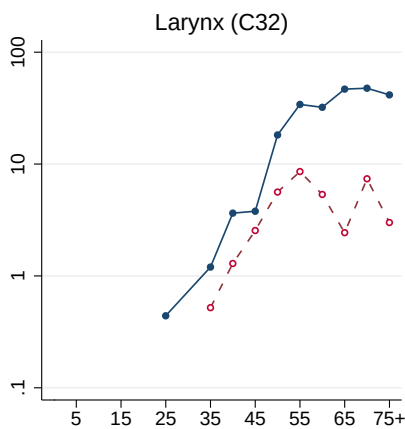
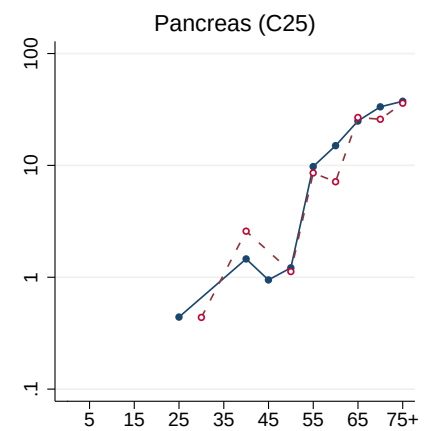
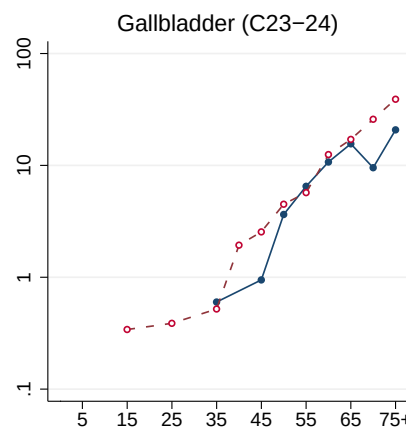
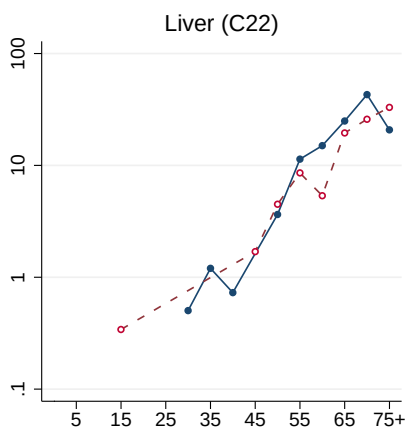
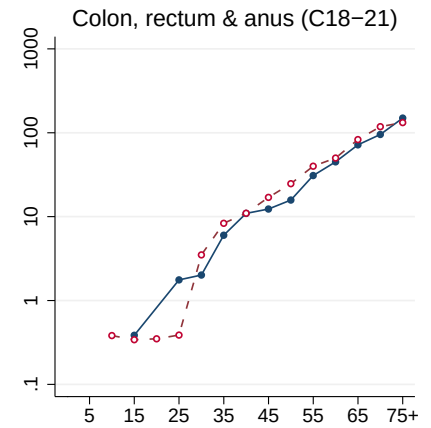
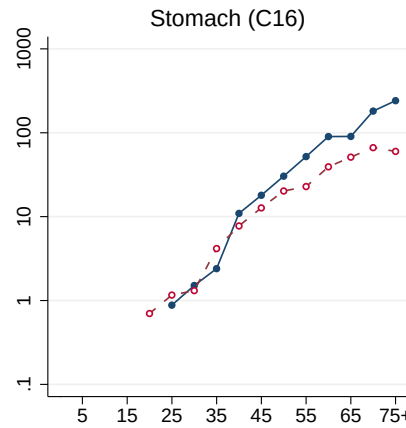
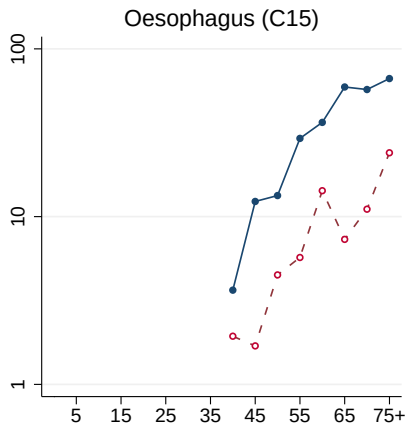
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

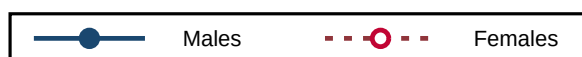
BRAZIL, GOIANIA (1993–1997)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



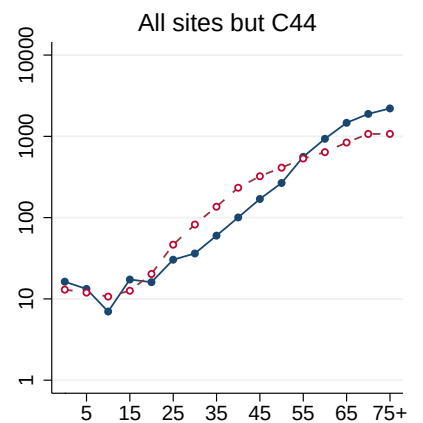
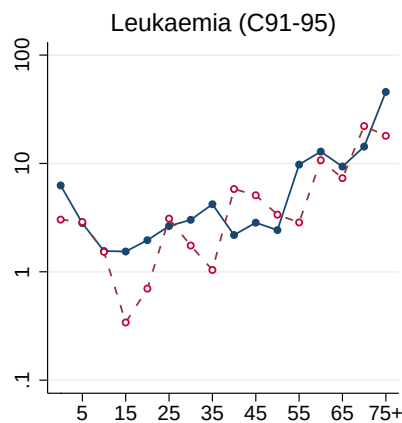
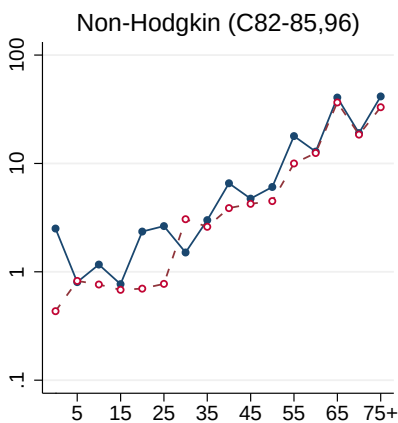
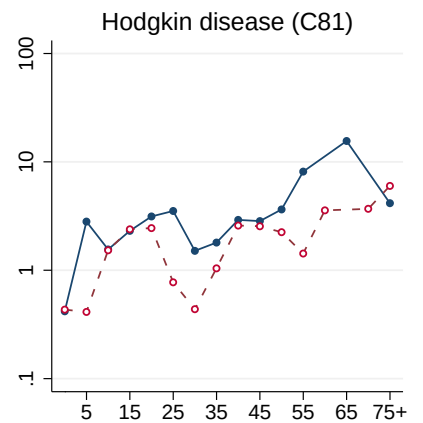
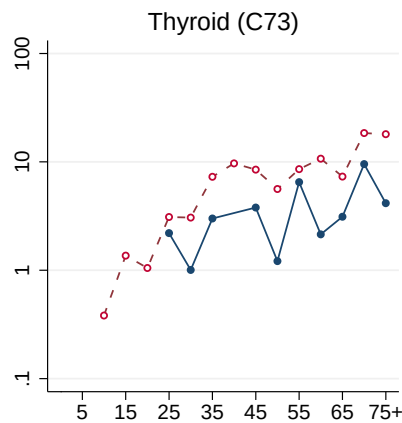
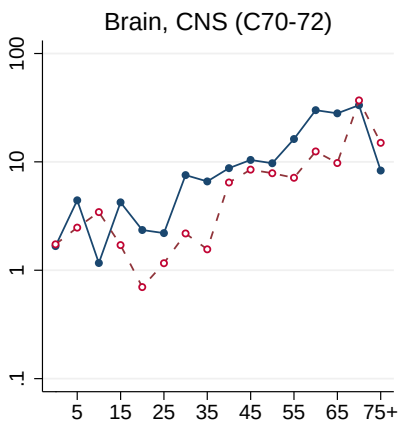
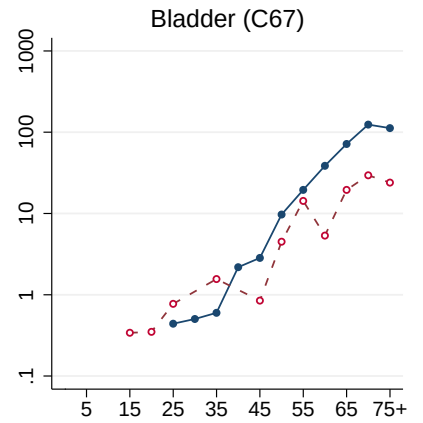
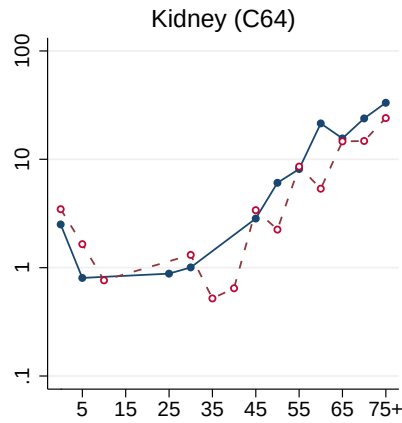
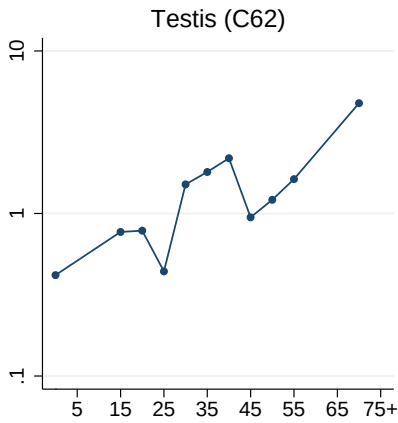
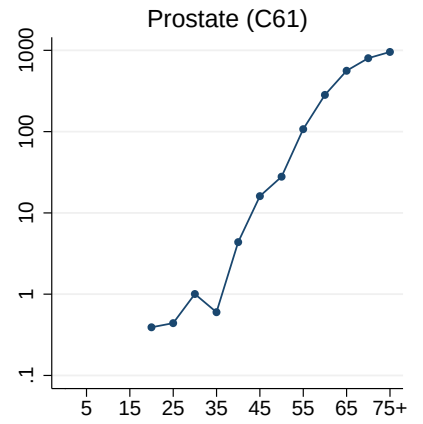
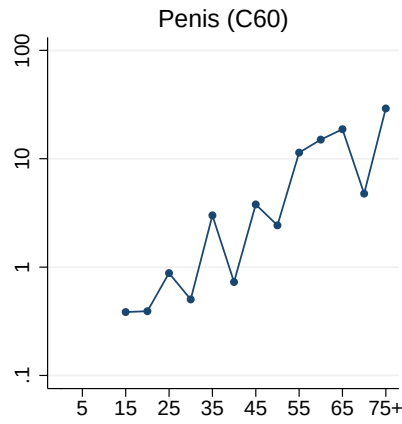
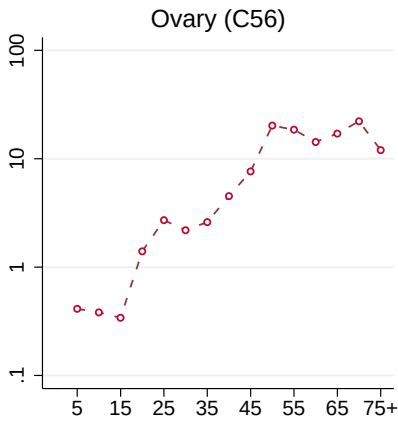
Age in Years



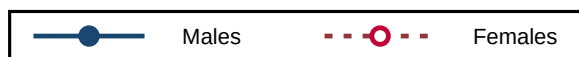
BRAZIL, GOIANIA (1993-1997)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, GOIANIA (2003-2007)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	77 (3.9)	80 (3.5)	98 (3.8)	116 (4.2)	103 (3.6)	474 (3.8)
Digestive organs (C15-C26)	250 (12.8)	327 (14.3)	352 (13.8)	398 (14.4)	376 (13.0)	1703 (13.7)
Respiratory organs (C30-C39)	135 (6.9)	135 (5.9)	166 (6.5)	148 (5.4)	160 (5.5)	744 (6.0)
Bone, cartilage, and skin (C40-C44)	767 (39.2)	829 (36.2)	891 (35.0)	1000 (36.2)	1204 (41.7)	4691 (37.7)
Breast (C50)	2 (0.1)	1 (0.0)	2 (0.1)	5 (0.2)	4 (0.1)	14 (0.1)
Male genitalia (C60-C63)	393 (20.1)	561 (24.5)	642 (25.2)	688 (24.9)	670 (23.2)	2954 (23.7)
Urinary organs (C64-C68)	78 (4.0)	70 (3.1)	94 (3.7)	112 (4.1)	104 (3.6)	458 (3.7)
Eye, brain, and thyroid (C69-C75)	57 (2.9)	80 (3.5)	77 (3.0)	66 (2.4)	84 (2.9)	364 (2.9)
Hematopoietic (C81-C96)	128 (6.5)	138 (6.0)	137 (5.4)	133 (4.8)	111 (3.8)	647 (5.2)
Other and unspecified	70 (3.6)	67 (2.9)	87 (3.4)	98 (3.5)	70 (2.4)	392 (3.2)
All sites	1957 (100.0)	2288 (100.0)	2546 (100.0)	2764 (100.0)	2886 (100.0)	12441 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	29 (1.3)	35 (1.4)	33 (1.3)	36 (1.3)	36 (1.2)	169 (1.3)
Digestive organs (C15-C26)	238 (10.4)	280 (11.6)	290 (11.8)	309 (11.4)	304 (10.3)	1421 (11.1)
Respiratory organs (C30-C39)	54 (2.4)	87 (3.6)	88 (3.6)	89 (3.3)	105 (3.6)	423 (3.3)
Bone, cartilage, and skin (C40-C44)	949 (41.6)	982 (40.5)	1045 (42.5)	1224 (45.0)	1381 (46.9)	5581 (43.5)
Breast (C50)	374 (16.4)	397 (16.4)	376 (15.3)	389 (14.3)	425 (14.4)	1961 (15.3)
Female genitalia (C51-C58)	321 (14.1)	285 (11.8)	263 (10.7)	241 (8.9)	280 (9.5)	1390 (10.8)
Urinary organs (C64-C68)	44 (1.9)	50 (2.1)	58 (2.4)	66 (2.4)	58 (2.0)	276 (2.2)
Eye, brain, and thyroid (C69-C75)	100 (4.4)	123 (5.1)	120 (4.9)	169 (6.2)	158 (5.4)	670 (5.2)
Hematopoietic (C81-C96)	122 (5.4)	131 (5.4)	115 (4.7)	104 (3.8)	119 (4.0)	591 (4.6)
Other and unspecified	49 (2.1)	53 (2.2)	71 (2.9)	91 (3.3)	81 (2.7)	345 (2.7)
All sites	2280 (100.0)	2423 (100.0)	2459 (100.0)	2718 (100.0)	2947 (100.0)	12827 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	106 (2.5)	115 (2.4)	131 (2.6)	152 (2.8)	139 (2.4)	643 (2.5)
Digestive organs (C15-C26)	488 (11.5)	607 (12.9)	642 (12.8)	707 (12.9)	680 (11.7)	3124 (12.4)
Respiratory organs (C30-C39)	189 (4.5)	222 (4.7)	254 (5.1)	237 (4.3)	265 (4.5)	1167 (4.6)
Bone, cartilage, and skin (C40-C44)	1716 (40.5)	1811 (38.4)	1936 (38.7)	2224 (40.6)	2585 (44.3)	10272 (40.7)
Urinary organs (C64-C68)	122 (2.9)	120 (2.5)	152 (3.0)	178 (3.2)	162 (2.8)	734 (2.9)
Eye, brain, and thyroid (C69-C75)	157 (3.7)	203 (4.3)	197 (3.9)	235 (4.3)	242 (4.1)	1034 (4.1)
Hematopoietic (C81-C96)	250 (5.9)	269 (5.7)	252 (5.0)	237 (4.3)	230 (3.9)	1238 (4.9)
Other and unspecified	119 (2.8)	120 (2.5)	158 (3.2)	189 (3.4)	151 (2.6)	737 (2.9)
All sites	4237 (100.0)	4711 (100.0)	5005 (100.0)	5482 (100.0)	5833 (100.0)	25268 (100.0)

BRAZIL, GOIANIA (2003-2007)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	19.3 (3.6)	20.2 (3.3)	23.5 (3.5)	29.7 (4.1)	20.9 (3.4)	22.7 (3.6)
Digestive organs (C15-C26)	67.2 (12.6)	86.5 (14.1)	92.4 (13.8)	101.1 (14.1)	80.0 (12.8)	85.4 (13.5)
Respiratory organs (C30-C39)	37.7 (7.1)	37.8 (6.2)	44.8 (6.7)	39.9 (5.6)	35.8 (5.7)	39.1 (6.2)
Bone, cartilage, and skin (C40-C44)	209.4 (39.3)	218.7 (35.6)	231.2 (34.5)	256.5 (35.8)	256.9 (41.2)	235.9 (37.3)
Breast (C50)	0.7 (0.1)	0.2 (0.0)	0.4 (0.1)	1.3 (0.2)	0.7 (0.1)	0.7 (0.1)
Male genitalia (C60-C63)	116.1 (21.8)	165.7 (26.9)	184.0 (27.4)	192.3 (26.8)	155.1 (24.9)	162.8 (25.7)
Urinary organs (C64-C68)	22.2 (4.2)	19.6 (3.2)	24.8 (3.7)	28.7 (4.0)	22.2 (3.6)	23.5 (3.7)
Eye, brain, and thyroid (C69-C75)	13.0 (2.4)	17.0 (2.8)	16.3 (2.4)	14.1 (2.0)	16.0 (2.6)	15.3 (2.4)
Hematopoietic (C81-C96)	29.1 (5.5)	32.7 (5.3)	32.5 (4.8)	28.9 (4.0)	21.7 (3.5)	28.6 (4.5)
Other and unspecified	17.3 (3.3)	16.5 (2.7)	20.9 (3.1)	23.5 (3.3)	14.1 (2.3)	18.3 (2.9)
All sites	532.3 (100.0)	615.0 (100.0)	670.9 (100.0)	716.5 (100.0)	623.3 (100.0)	632.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5.5 (1.2)	6.7 (1.4)	6.3 (1.3)	6.2 (1.2)	5.6 (1.2)	6.0 (1.3)
Digestive organs (C15-C26)	49.6 (10.9)	58.5 (12.2)	57.8 (12.2)	60.9 (11.8)	47.4 (10.5)	54.5 (11.5)
Respiratory organs (C30-C39)	11.6 (2.5)	18.4 (3.8)	18.5 (3.9)	17.7 (3.4)	16.8 (3.7)	16.7 (3.5)
Bone, cartilage, and skin (C40-C44)	194.9 (42.8)	201.7 (42.0)	204.3 (43.2)	239.4 (46.4)	213.9 (47.2)	211.2 (44.5)
Breast (C50)	71.3 (15.7)	75.9 (15.8)	68.9 (14.6)	69.6 (13.5)	63.0 (13.9)	69.2 (14.6)
Female genitalia (C51-C58)	61.5 (13.5)	52.1 (10.9)	48.7 (10.3)	44.3 (8.6)	41.6 (9.2)	49.2 (10.4)
Urinary organs (C64-C68)	9.8 (2.2)	10.6 (2.2)	11.9 (2.5)	13.0 (2.5)	9.3 (2.1)	10.9 (2.3)
Eye, brain, and thyroid (C69-C75)	17.9 (3.9)	21.8 (4.5)	20.3 (4.3)	28.3 (5.5)	23.4 (5.2)	22.3 (4.7)
Hematopoietic (C81-C96)	23.8 (5.2)	24.5 (5.1)	21.8 (4.6)	18.7 (3.6)	19.3 (4.2)	21.4 (4.5)
Other and unspecified	9.4 (2.1)	10.2 (2.1)	14.3 (3.0)	17.3 (3.4)	13.0 (2.9)	12.9 (2.7)
All sites	455.3 (100.0)	480.3 (100.0)	472.8 (100.0)	515.6 (100.0)	453.4 (100.0)	474.2 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	11.7 (2.4)	12.7 (2.4)	14.0 (2.5)	16.6 (2.8)	12.2 (2.3)	13.4 (2.5)
Digestive organs (C15-C26)	57.3 (11.8)	70.5 (13.1)	72.8 (13.1)	78.3 (13.1)	61.2 (11.7)	67.8 (12.6)
Respiratory organs (C30-C39)	23.0 (4.7)	26.6 (5.0)	29.9 (5.4)	27.4 (4.6)	24.9 (4.8)	26.3 (4.9)
Bone, cartilage, and skin (C40-C44)	201.2 (41.4)	209.6 (39.1)	215.8 (38.8)	246.3 (41.1)	231.7 (44.3)	221.7 (41.1)
Urinary organs (C64-C68)	15.1 (3.1)	14.5 (2.7)	17.5 (3.1)	19.9 (3.3)	14.7 (2.8)	16.3 (3.0)
Eye, brain, and thyroid (C69-C75)	15.6 (3.2)	19.6 (3.7)	18.5 (3.3)	21.7 (3.6)	20.0 (3.8)	19.1 (3.5)
Hematopoietic (C81-C96)	26.1 (5.4)	28.1 (5.2)	26.5 (4.8)	23.3 (3.9)	20.3 (3.9)	24.6 (4.6)
Other and unspecified	13.0 (2.7)	13.0 (2.4)	17.1 (3.1)	20.0 (3.3)	13.5 (2.6)	15.3 (2.8)
All sites	486.2 (100.0)	536.2 (100.0)	556.1 (100.0)	599.3 (100.0)	522.6 (100.0)	539.6 (100.0)

BRAZIL, GOIANIA (2003-2007)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	474	0	.	.	0.8	0.7	1.3	1.1	0.8	7.4	14.9	44.7	52.6	86.2	98.4	110.8	122.6	127.8	16.7	22.7	2.71	97	1	5	C00-14
Oesophagus (C15)	214	0	.	.	.	.	.	.	0.4	.	4.3	17.5	33.7	36.3	46.2	66.0	61.3	58.8	7.5	10.7	1.33	92	7	9	C15
Stomach (C16)	473	2	0.4	.	0.4	.	0.6	0.4	1.7	3.7	8.0	21.4	33.7	53.3	104.4	129.9	205.3	306.8	16.6	24.5	2.83	92	7	4	C16
Colon (C18)	392	1	.	.	.	0.7	1.0	1.8	5.0	10.1	9.6	22.7	32.9	55.6	52.2	112.9	144.0	179.0	13.8	19.0	2.25	92	6		C18
Rectum (C19-20)	244	0	.	.	.	.	1.0	1.5	2.5	6.4	4.8	12.3	18.9	34.0	38.8	72.4	82.7	125.3	8.6	11.9	1.38	96	3		C19-20
Colorectal (C18-20)	636	1	.	.	.	0.7	1.9	3.3	7.4	16.6	14.4	35.0	51.8	89.6	91.0	185.3	226.7	304.2	22.4	30.9	3.62	94	5	2	C18-20
Anus (C21)	12	0	.	.	.	.	.	.	.	.	1.1	.	1.6	1.1	1.5	8.5	3.1	2.6	0.4	0.6	0.08	100	0	26	C21
Colon, rectum and anus (C18-21)	648	1	.	.	.	0.7	1.9	3.3	7.4	16.6	15.4	35.0	53.4	90.7	92.5	193.8	229.8	306.8	22.8	31.5	3.71	94	5		C18-21
Liver (C22)	139	0	.	.	.	.	.	0.7	0.4	1.8	3.2	5.2	14.0	19.3	26.8	36.2	61.3	74.1	4.9	7.0	0.84	54	31	15	C22
Gallbladder (C23-24)	59	1	.	.	.	.	.	.	.	0.5	2.7	1.9	2.5	6.8	17.9	12.8	18.4	40.9	2.1	3.0	0.32	69	27	20	C23-24
Pancreas (C25)	106	0	.	.	.	.	0.3	.	0.4	1.4	3.7	3.2	9.9	11.3	26.8	29.8	36.8	58.8	3.7	5.4	0.62	62	25	16	C25
Nose, sinuses (C30-31)	14	0	.	.	.	.	0.6	.	.	0.9	.	0.6	1.6	.	1.5	4.3	6.1	5.1	0.5	0.6	0.08	100	0	25	C30-31
Larynx (C32)	143	0	.	.	.	.	.	.	0.4	.	3.7	7.8	15.6	27.2	35.8	42.6	52.1	48.6	5.0	7.3	0.93	96	3	14	C32
Lung, trachea and bronchus (C33-34)	571	1	.	.	.	0.3	0.3	1.1	1.2	2.3	5.9	19.4	43.5	82.8	128.2	215.1	312.5	260.8	20.1	30.4	4.07	83	9	3	C33-34
Melanoma of skin (C43)	165	0	.	.	.	0.7	.	1.1	1.7	4.6	5.9	9.7	16.4	14.7	23.9	49.0	46.0	84.4	5.8	7.9	0.87	98	1	12	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	0.5	.	.	.	.	.	.	.	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	29	0	.	.	.	0.3	0.3	2.2	3.3	2.8	2.1	0.6	2.5	.	.	.	.	.	1.0	0.9	0.07	97	0	23	C46
Breast (C50)	14	0	.	.	.	.	.	.	.	0.5	0.5	0.6	0.8	2.3	.	4.3	3.1	12.8	0.5	0.7	0.06	86	14	24	C50
Penis (C60)	65	0	.	.	.	0.3	0.4	0.8	0.8	1.4	2.1	2.6	5.8	2.3	10.4	29.8	18.4	35.8	2.3	3.2	0.37	100	0	18	C60
Prostate (C61)	2835	4	.	.	.	.	.	.	0.8	2.3	10.1	25.9	102.7	317.6	651.6	1222.7	1706.7	2024.7	99.7	157.8	20.23	97	2	1	C61
Testis (C62)	54	0	0.8	.	0.4	2.7	3.2	2.5	3.3	1.8	1.6	2.6	2.5	1.1	1.5	2.1	.	2.6	1.9	1.7	0.13	93	4	22	C62
Kidney (C64)	165	1	2.0	1.2	0.4	0.3	0.6	0.4	1.7	4.1	4.8	9.7	13.1	22.7	40.3	23.4	58.2	53.7	5.8	7.9	0.92	95	2	13	C64
Bladder (C67)	289	0	0.8	.	.	.	0.6	0.4	0.4	1.4	3.7	6.5	14.8	26.1	44.7	108.6	131.8	250.5	10.2	15.4	1.70	97	1	6	C67
Brain, CNS (C70-72)	247	1	4.5	6.0	2.3	3.3	3.8	5.4	8.7	6.4	7.5	6.5	18.1	23.8	32.8	51.1	49.0	33.2	8.7	10.5	1.15	85	11	10	C70-72
Thyroid (C73)	79	0	.	.	2.3	1.3	1.3	1.8	4.5	3.2	1.6	5.8	9.0	4.5	8.9	4.3	18.4	17.9	2.8	3.1	0.32	97	3	19	C73
Hodgkin disease (C81)	69	0	.	2.4	2.3	1.3	1.9	2.9	1.7	3.7	2.7	2.6	1.6	3.4	4.5	4.3	9.2	12.8	2.4	2.6	0.22	93	4	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	254	4	0.8	2.4	1.9	3.0	3.2	2.5	5.4	6.4	9.6	11.0	14.8	25.0	38.8	57.5	52.1	99.7	8.9	11.4	1.19	94	5	8	C82-85;C96
Multiple myeloma (C88-C90)	94	1	0.4	.	.	.	.	.	0.4	.	3.2	4.5	7.4	15.9	28.3	23.4	36.8	33.2	3.3	4.8	0.61	84	12	17	C88-C90
Lymphoid leukaemia (C91)	103	0	7.3	7.6	3.0	2.7	1.6	0.4	1.7	2.3	.	2.6	.	4.5	10.4	4.3	15.3	33.2	3.6	4.4	0.32	88	9		C91
Myeloid leukaemia (C92-94)	106	0	1.2	1.6	1.5	1.3	1.3	2.9	2.9	2.8	3.7	5.8	4.9	4.5	11.9	14.9	30.6	38.3	3.7	4.5	0.46	74	25		C92-94
Leukaemia unspecified (C95)	21	0	0.4	0.8	.	0.3	0.3	.	1.2	.	0.5	0.6	0.8	2.3	.	2.1	6.1	12.8	0.7	0.9	0.08	67	33		C95
Leukaemia (C91-95)	230	0	8.9	10.1	4.6	4.3	3.2	3.3	5.8	5.1	4.3	9.1	5.8	11.3	22.4	21.3	52.1	84.4	8.1	9.8	0.86	80	18	11	C91-95
Other and unspecified (O&U)	265	0	0.8	0.4	0.4	0.7	0.6	0.4	1.2	2.8	6.9	7.8	27.1	44.2	44.7	76.7	110.3	122.7	9.3	13.3	1.63	69	22	7	O&U
All sites but C44 (ALLbC44)	7975	19	22.7	25.0	17.1	24.8	29.4	35.9	57.0	91.6	135.2	273.5	517.6	951.5	1565.7	2586.9	3465.5	4243.8	280.5	406.4	49.01	92	6		ALLbC44
All sites (ALL)	12441	30	22.7	25.4	18.2	25.8	31.7	45.7	79.3	146.0	241.6	481.5	861.9	1490.3	2279.9	3872.7	5126.2	7293.7	437.6	632.3	73.92	94	4		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, GOIANIA (2003-2007)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	169	0	0.4	0.4	1.5	1.6	1.5	2.0	2.6	4.0	6.8	6.6	14.0	12.5	13.4	32.4	33.2	40.5	5.4	6.0	0.66	95	3	12	C00-14
Oesophagus (C15)	65	0	.	.	.	.	.	.	.	1.2	0.9	2.7	4.9	8.6	12.1	16.2	17.7	18.5	2.1	2.6	0.32	88	6	21	C15
Stomach (C16)	301	1	.	.	.	.	0.9	2.0	2.9	4.0	5.9	12.0	13.3	26.9	58.3	68.1	79.6	109.6	9.6	11.7	1.37	92	6	6	C16
Colon (C18)	416	2	.	.	.	.	0.6	2.0	5.5	5.6	13.1	20.2	28.1	38.4	74.1	73.0	92.9	139.9	13.3	15.7	1.78	94	6	3	C18
Rectum (C19-20)	278	0	.	.	.	0.3	0.3	2.6	2.2	3.6	8.6	12.0	22.5	25.0	55.9	43.8	77.4	77.5	8.9	10.6	1.27	97	3		C19-20
Colorectal (C18-20)	694	2	.	.	.	0.3	0.9	4.6	7.7	9.1	21.6	32.3	50.5	63.4	129.9	116.8	170.3	217.4	22.2	26.3	3.05	95	4	3	C18-20
Anus (C21)	33	0	.	.	.	.	.	.	.	.	3.6	2.2	2.1	3.8	4.9	6.5	6.6	5.1	1.1	1.2	0.15	97	0	24	C21
Colon, rectum and anus (C18-21)	727	2	.	.	.	0.3	0.9	4.6	7.7	9.1	25.2	34.5	52.6	67.2	134.8	123.3	176.9	222.5	23.3	27.5	3.19	95	4		C18-21
Liver (C22)	77	0	.	.	.	.	0.3	.	0.4	1.6	2.3	1.1	5.6	6.7	12.1	14.6	28.8	28.7	2.5	3.0	0.37	53	36	20	C22
Gallbladder (C23-24)	92	0	.	.	.	.	0.3	.	0.4	0.4	1.8	1.6	6.3	7.7	10.9	26.0	33.2	42.1	2.9	3.6	0.44	84	11	18	C23-24
Pancreas (C25)	109	0	.	.	.	.	.	.	1.1	.	0.9	3.8	11.9	14.4	10.9	22.7	42.0	38.8	3.5	4.3	0.54	60	32	17	C25
Nose, sinuses (C30-31)	15	0	.	.	.	.	.	.	.	0.4	0.9	1.1	1.4	1.9	1.2	1.6	.	6.7	0.5	0.5	0.04	100	0	25	C30-31
Larynx (C32)	35	0	.	.	.	.	.	.	0.4	.	1.4	2.2	5.6	2.9	4.9	6.5	8.8	6.7	1.1	1.3	0.16	97	0	23	C32
Lung, trachea and bronchus (C33-34)	359	0	.	.	0.4	0.3	0.3	0.3	1.5	0.8	6.3	13.7	21.1	50.0	70.4	84.3	101.7	121.4	11.5	14.3	1.76	84	11	5	C33-34
Melanoma of skin (C43)	145	0	.	.	.	0.6	1.2	2.0	3.7	4.0	5.0	7.1	8.4	14.4	13.4	24.3	17.7	47.2	4.6	5.1	0.51	99	0	15	C43
Mesothelioma (C45)	6	0	.	.	.	.	.	.	0.4	0.4	0.5	.	0.7	.	1.2	.	.	1.7	0.2	0.2	0.02	83	17	26	C45
Kaposi sarcoma (C46)	4	0	.	.	.	.	.	.	.	.	.	0.5	.	.	.	.	2.2	3.4	0.1	0.1	0.01	75	25	27	C46
Breast (C50)	1961	3	.	.	.	.	2.1	7.2	27.5	62.7	120.7	145.5	208.5	243.0	221.0	266.0	227.8	274.7	62.7	69.2	7.67	98	1	1	C50
Cervix uteri (C53)	836	0	.	.	.	.	5.3	15.8	27.5	32.9	38.7	44.3	68.8	86.5	95.9	116.8	86.3	112.9	26.7	28.5	3.09	98	1	2	C53
Corpus uteri (C54)	190	0	.	.	.	.	.	.	0.4	3.6	4.5	6.0	15.4	35.5	35.2	27.6	55.3	48.9	6.1	7.4	0.92	99	1	11	C54
Ovary (C56)	265	0	0.4	0.4	1.1	1.9	1.2	3.0	4.0	5.2	9.0	17.0	22.5	37.5	38.9	38.9	37.6	37.1	8.5	9.6	1.09	93	5	7	C56
Kidney (C64)	127	1	2.9	0.4	.	.	.	1.0	1.1	0.8	1.4	3.8	8.4	18.3	18.2	27.6	31.0	38.8	4.1	5.0	0.58	93	4	16	C64
Bladder (C67)	148	0	.	.	.	0.3	.	0.3	.	0.8	1.8	2.7	7.0	11.5	20.6	27.6	59.7	87.6	4.7	5.8	0.66	94	4	14	C67
Brain, CNS (C70-72)	172	0	2.1	2.9	0.4	2.2	2.1	3.9	3.7	6.3	4.1	7.1	9.1	19.2	9.7	21.1	37.6	23.6	5.5	6.0	0.66	83	12	13	C70-72
Thyroid (C73)	460	0	.	.	0.4	1.9	8.8	13.2	17.6	16.3	23.4	30.1	36.5	39.4	43.7	37.3	33.2	33.7	14.7	14.8	1.51	99	0	4	C73
Hodgkin disease (C81)	55	0	.	0.4	.	1.6	3.2	3.3	3.3	1.2	1.4	1.6	1.4	1.9	1.2	.	6.6	3.4	1.8	1.6	0.14	93	2	22	C81
Non-Hodgkin lymphoma (C82-85;C96)	242	1	1.7	1.2	1.1	1.6	1.2	2.0	4.4	4.0	8.1	7.7	19.7	21.1	35.2	30.8	59.7	62.4	7.7	8.9	1.00	95	4	9	C82-85;C96
Multiple myeloma (C88-C90)	80	0	.	.	.	.	0.3	0.7	.	.	1.8	3.8	4.9	5.8	18.2	21.1	28.8	20.2	2.6	3.2	0.43	84	15	19	C88-C90
Lymphoid leukaemia (C91)	79	0	5.0	5.4	3.4	0.9	2.1	1.3	1.1	0.8	0.5	1.6	2.1	1.9	4.9	6.5	8.8	8.4	2.5	3.0	0.23	92	8		C91
Myeloid leukaemia (C92-94)	110	0	1.3	0.8	2.7	0.6	1.8	2.3	1.8	2.8	4.5	4.9	3.5	7.7	9.7	6.5	28.8	23.6	3.5	3.8	0.40	86	14		C92-94
Leukaemia unspecified (C95)	25	0	1.3	0.4	.	0.3	0.3	0.3	0.4	0.4	0.9	2.2	2.1	.	2.4	1.6	2.2	5.1	0.8	0.9	0.07	80	16		C95
Leukaemia (C91-95)	214	0	7.6	6.6	6.1	1.9	4.1	3.9	3.3	4.0	5.9	8.8	7.7	9.6	17.0	14.6	39.8	37.1	6.8	7.7	0.70	88	12	10	C91-95
Other and unspecified (O&U)	234	0	1.3	0.8	0.8	.	1.2	1.0	1.5	2.8	3.2	6.0	13.3	31.7	38.9	26.0	66.3	102.8	7.5	8.9	0.97	71	21	8	O&U
All sites but C44 (ALLbC44)	7433	10	23.5	15.7	13.8	17.4	36.8	69.8	121.3	173.0	295.0	392.2	587.5	796.3	982.4	1112.7	1364.5	1656.6	237.7	289.3	30.05	93	5		ALLbC44
All sites (ALL)	12827	21	23.5	15.7	14.2	20.8	41.9	90.8	155.0	234.9	424.3	575.4	904.7	1245.9	1645.4	2188.0	2970.1	4296.5	410.2	474.2	52.84	95	3		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

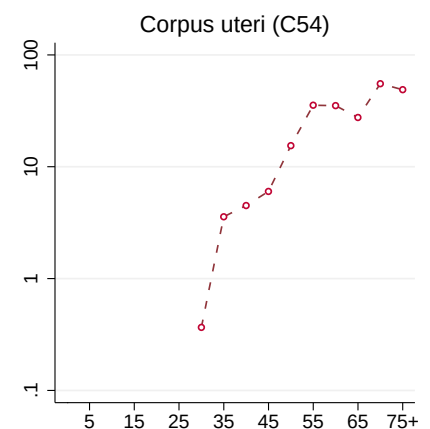
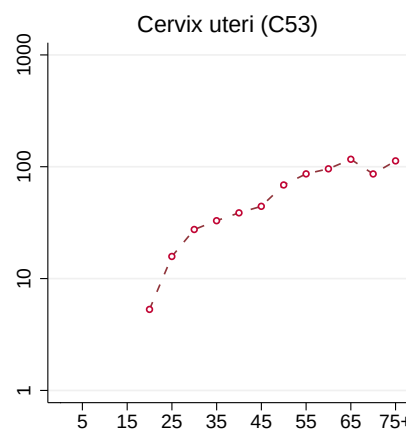
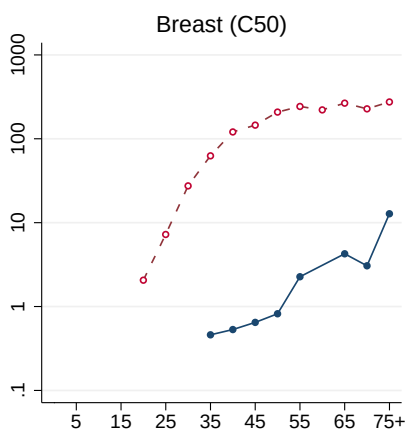
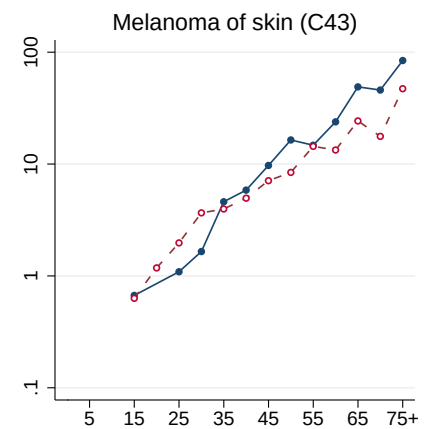
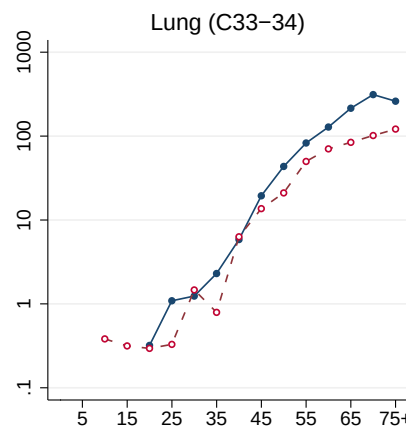
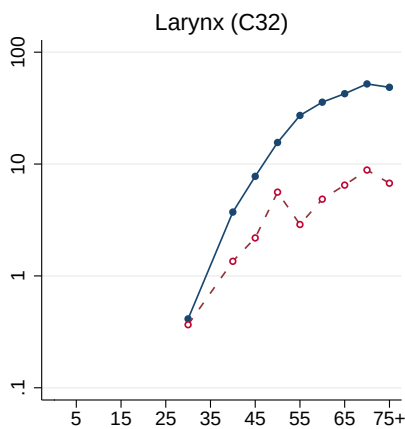
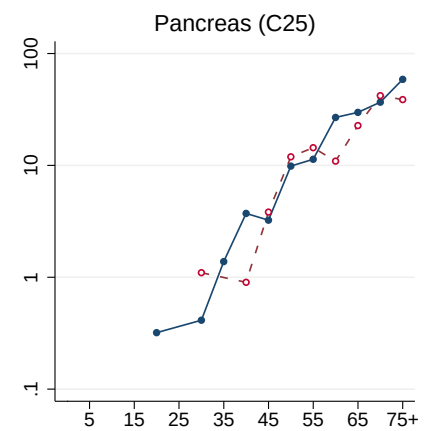
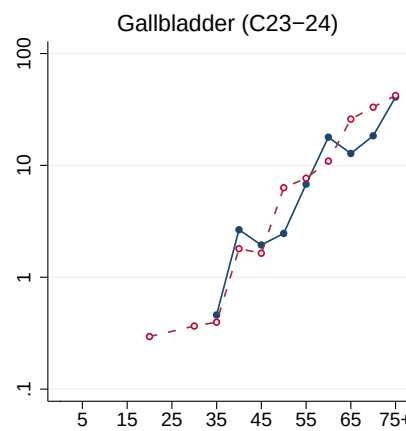
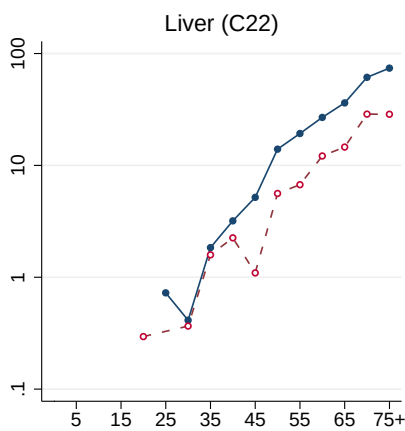
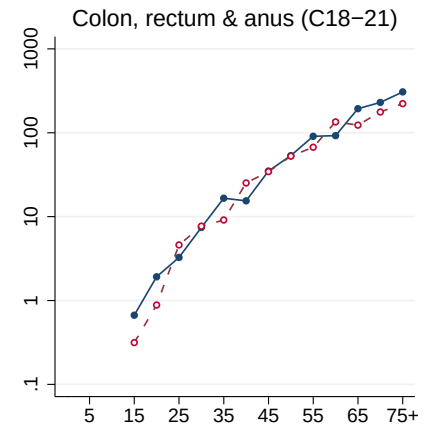
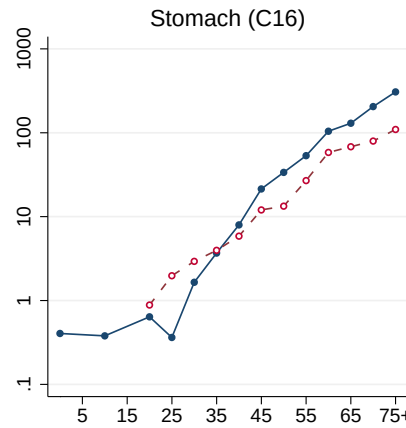
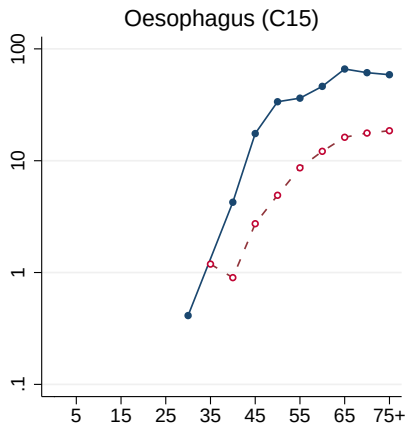
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

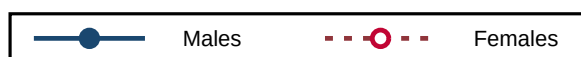
BRAZIL, GOIANIA (2003–2007)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

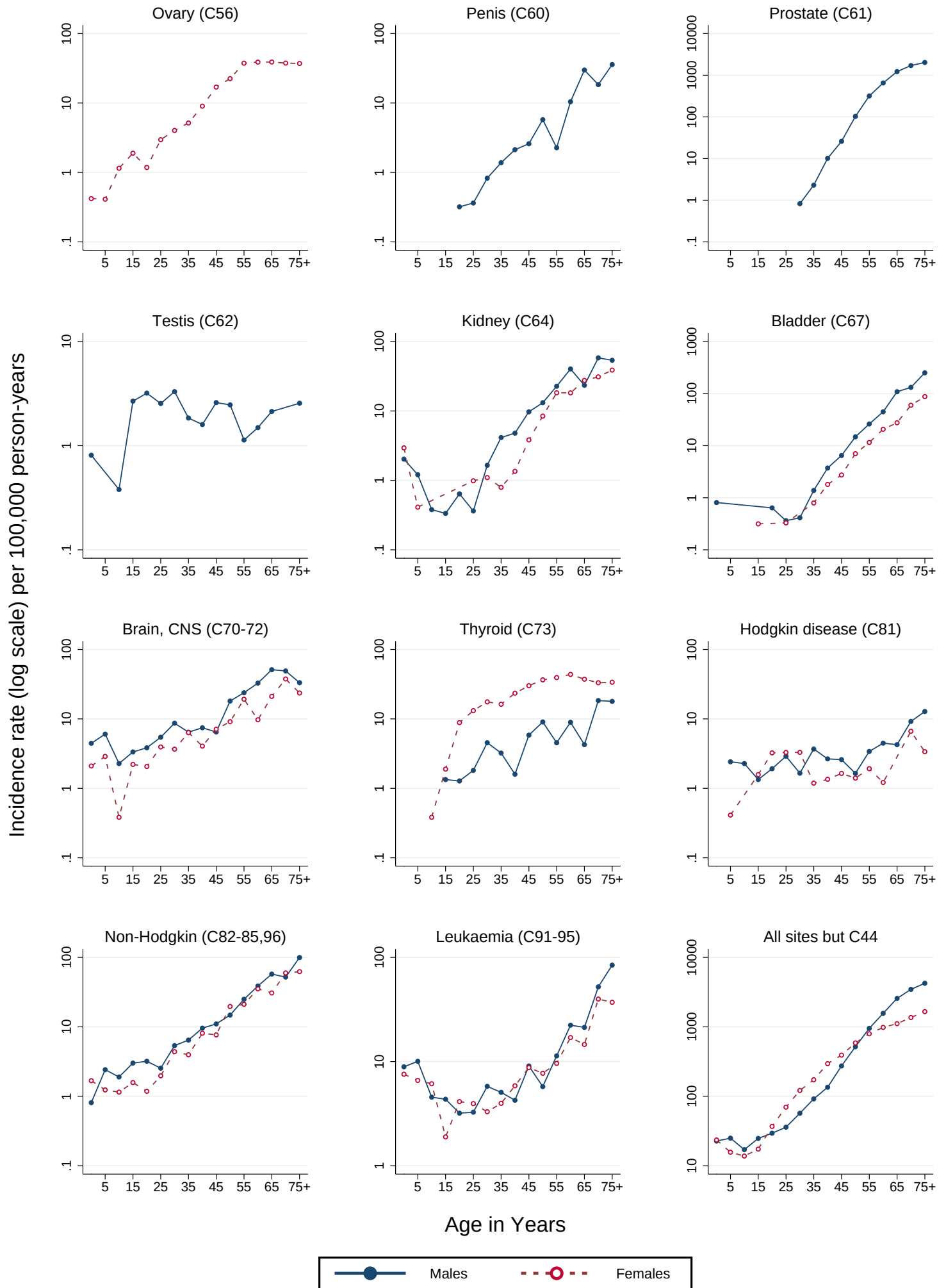


Age in Years



BRAZIL, GOIANIA (2003-2007)

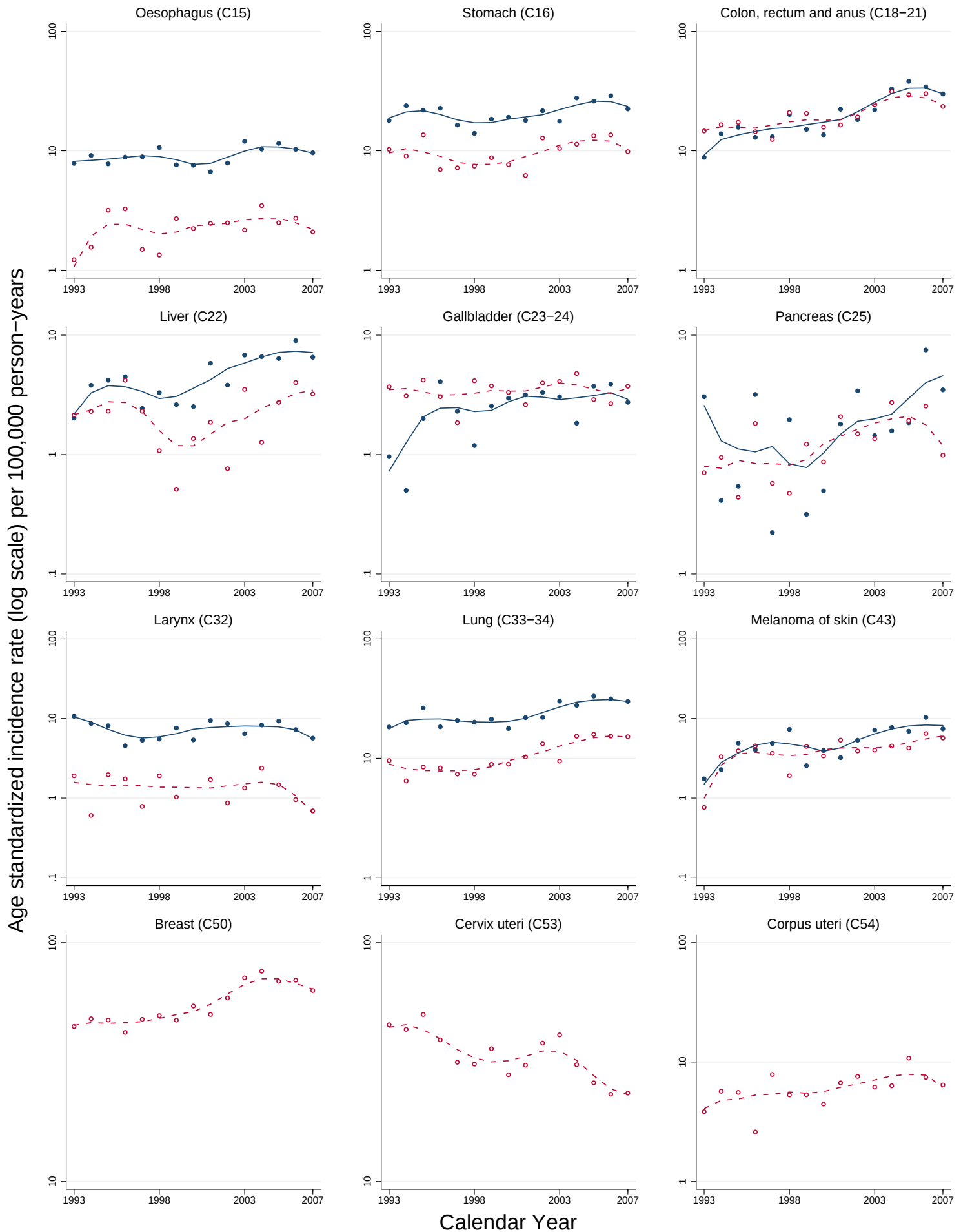
Age-specific incidence rates per 100,000 person-years



BRAZIL, GOIANIA (1993–2007)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

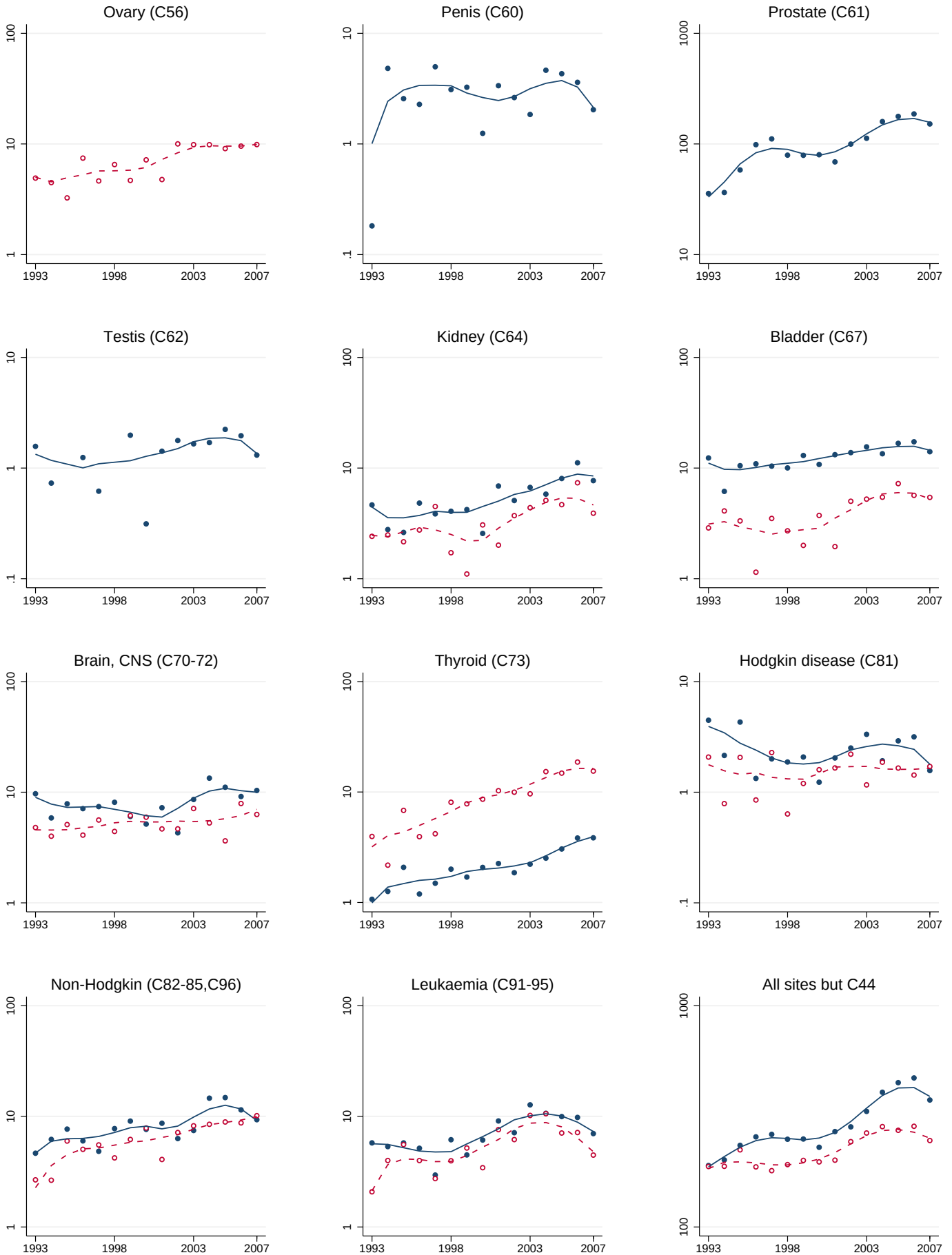


BRAZIL, GOIANIA (1993-2007)

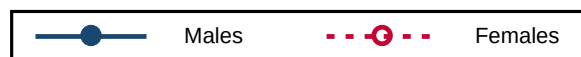
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

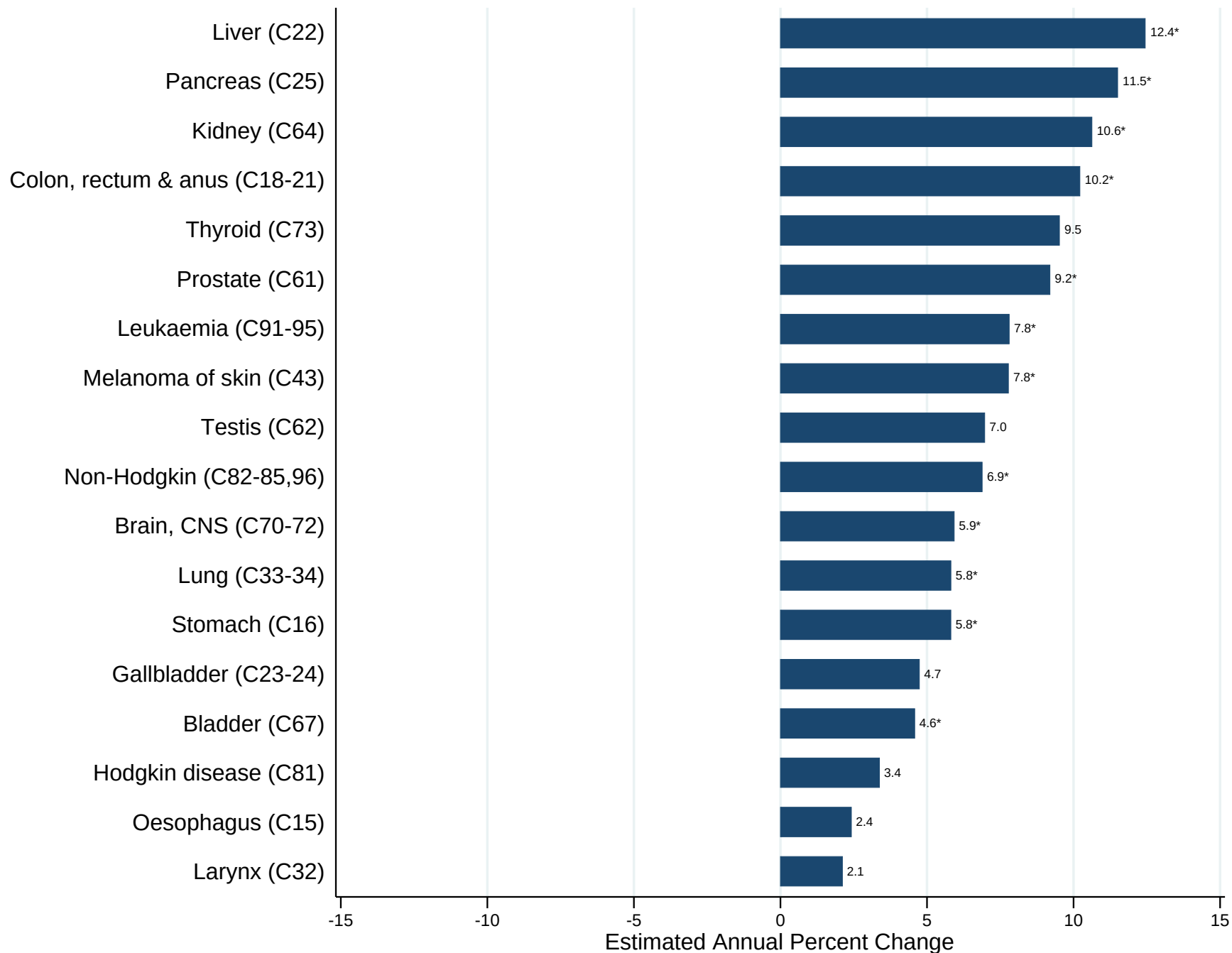


Calendar Year



BRAZIL, GOIANIA (1997-2007)

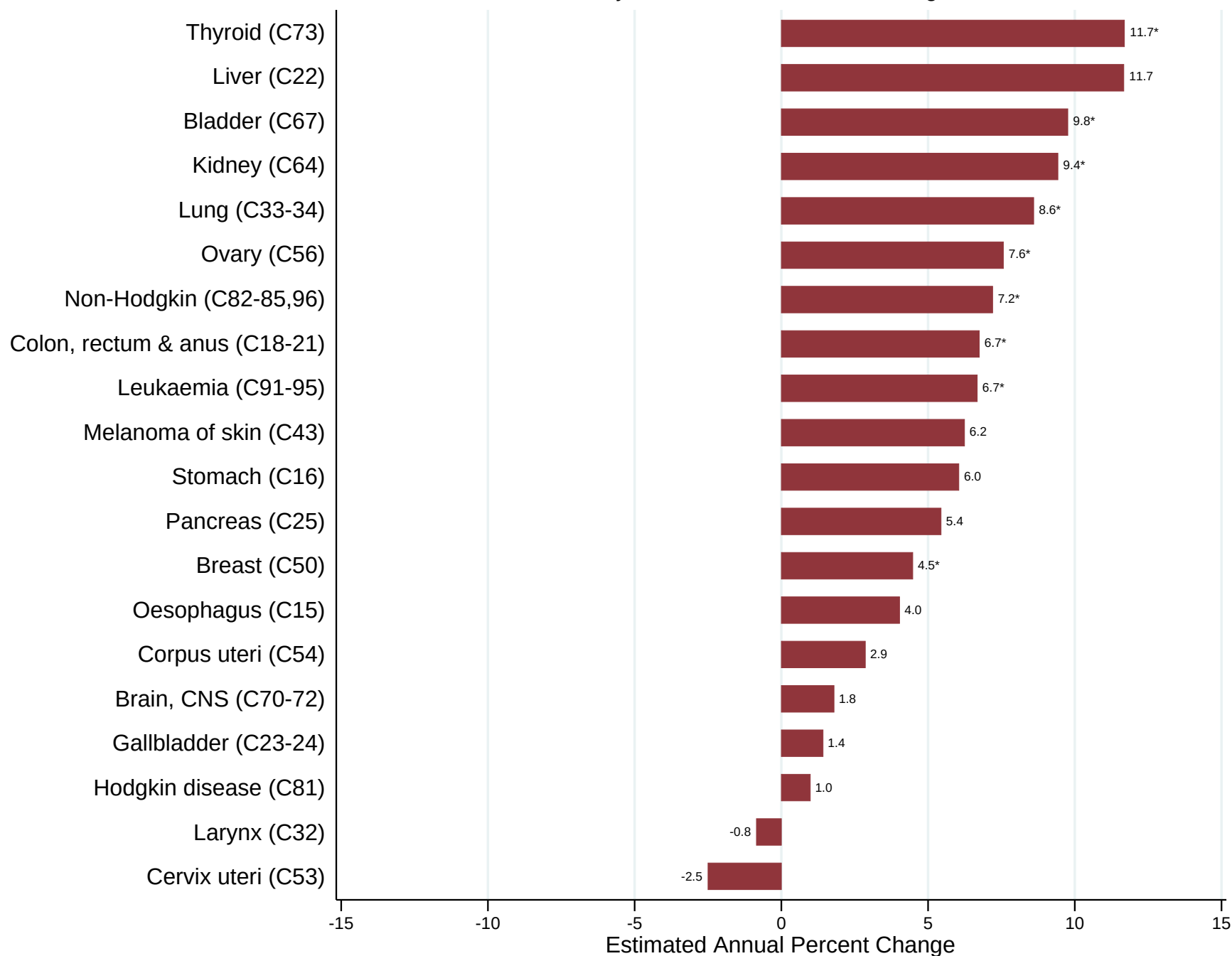
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, GOIANIA (1997-2007)

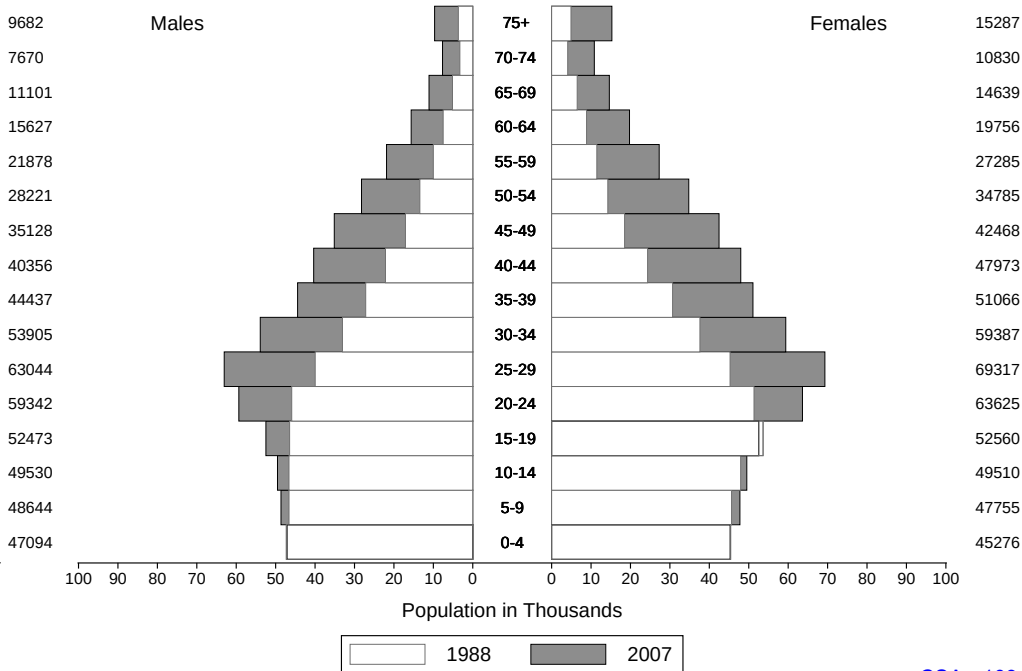
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, GOIANIA (1988-2007)

Average annual person-years



Note: Population values shown for year 2007

Registry Summary Tables and Figures

BRAZIL, JAU (2000–2009)

Registry Director*: Dr José Getulio Martins Segalla

Registry Staff*: Rute Maria Martins Capra, Donaldo Botelho Veneziano, Claudia Luciana de Araoejo Veneziano, Abdala Atique, Ana Loecia Coradazzi, Ana Gabriela Salvio, Marília de Freitas Segalla Brancaglion, Francisco Carlos Quevedo, Francisco Alves Moraes Neto, Adauto JosØ Ferreira Nunes

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, JAU (2000-2004)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2000 n (%)	2001 n (%)	2002 n (%)	2003 n (%)	2004 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	14 (5.5)	18 (7.5)	22 (8.6)	24 (9.9)	18 (7.8)	96 (7.8)
Digestive organs (C15-C26)	36 (14.2)	30 (12.6)	42 (16.3)	50 (20.6)	39 (16.8)	197 (16.1)
Respiratory organs (C30-C39)	17 (6.7)	11 (4.6)	18 (7.0)	17 (7.0)	22 (9.5)	85 (6.9)
Bone, cartilage, and skin (C40-C44)	111 (43.7)	95 (39.7)	101 (39.3)	81 (33.3)	87 (37.5)	475 (38.8)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)	0 (0.0)	1 (0.1)
Male genitalia (C60-C63)	50 (19.7)	44 (18.4)	36 (14.0)	36 (14.8)	39 (16.8)	205 (16.7)
Urinary organs (C64-C68)	10 (3.9)	18 (7.5)	11 (4.3)	11 (4.5)	8 (3.4)	58 (4.7)
Eye, brain, and thyroid (C69-C75)	3 (1.2)	5 (2.1)	4 (1.6)	5 (2.1)	1 (0.4)	18 (1.5)
Hematopoietic (C81-C96)	9 (3.5)	9 (3.8)	14 (5.4)	10 (4.1)	10 (4.3)	52 (4.2)
Other and unspecified	4 (1.6)	9 (3.8)	9 (3.5)	8 (3.3)	8 (3.4)	38 (3.1)
All sites	254 (100.0)	239 (100.0)	257 (100.0)	243 (100.0)	232 (100.0)	1225 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0 (0.0)	2 (0.8)	0 (0.0)	4 (1.5)	2 (0.8)	8 (0.6)
Digestive organs (C15-C26)	26 (11.1)	23 (9.2)	37 (13.8)	31 (11.6)	34 (14.4)	151 (12.0)
Respiratory organs (C30-C39)	6 (2.6)	3 (1.2)	1 (0.4)	5 (1.9)	7 (3.0)	22 (1.7)
Bone, cartilage, and skin (C40-C44)	134 (57.0)	145 (57.8)	141 (52.4)	136 (50.9)	111 (47.0)	667 (53.0)
Breast (C50)	31 (13.2)	29 (11.6)	42 (15.6)	38 (14.2)	30 (12.7)	170 (13.5)
Female genitalia (C51-C58)	14 (6.0)	17 (6.8)	18 (6.7)	21 (7.9)	17 (7.2)	87 (6.9)
Urinary organs (C64-C68)	3 (1.3)	6 (2.4)	8 (3.0)	2 (0.7)	2 (0.8)	21 (1.7)
Eye, brain, and thyroid (C69-C75)	4 (1.7)	9 (3.6)	12 (4.5)	11 (4.1)	11 (4.7)	47 (3.7)
Hematopoietic (C81-C96)	8 (3.4)	9 (3.6)	7 (2.6)	12 (4.5)	12 (5.1)	48 (3.8)
Other and unspecified	9 (3.8)	8 (3.2)	3 (1.1)	7 (2.6)	10 (4.2)	37 (2.9)
All sites	235 (100.0)	251 (100.0)	269 (100.0)	267 (100.0)	236 (100.0)	1258 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	14 (2.9)	20 (4.1)	22 (4.2)	28 (5.5)	20 (4.3)	104 (4.2)
Digestive organs (C15-C26)	62 (12.7)	53 (10.8)	79 (15.0)	81 (15.9)	73 (15.6)	348 (14.0)
Respiratory organs (C30-C39)	23 (4.7)	14 (2.9)	19 (3.6)	22 (4.3)	29 (6.2)	107 (4.3)
Bone, cartilage, and skin (C40-C44)	245 (50.1)	240 (49.0)	242 (46.0)	217 (42.5)	198 (42.3)	1142 (46.0)
Urinary organs (C64-C68)	13 (2.7)	24 (4.9)	19 (3.6)	13 (2.5)	10 (2.1)	79 (3.2)
Eye, brain, and thyroid (C69-C75)	7 (1.4)	14 (2.9)	16 (3.0)	16 (3.1)	12 (2.6)	65 (2.6)
Hematopoietic (C81-C96)	17 (3.5)	18 (3.7)	21 (4.0)	22 (4.3)	22 (4.7)	100 (4.0)
Other and unspecified	13 (2.7)	17 (3.5)	12 (2.3)	15 (2.9)	18 (3.8)	75 (3.0)
All sites	489 (100.0)	490 (100.0)	526 (100.0)	510 (100.0)	468 (100.0)	2483 (100.0)

BRAZIL, JAU (2000-2004)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2000 ASR (%)	2001 ASR (%)	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	26.8 (5.8)	31.0 (7.2)	38.4 (8.5)	42.8 (10.0)	32.4 (8.2)	34.4 (7.9)
Digestive organs (C15-C26)	65.8 (14.2)	54.8 (12.8)	75.7 (16.8)	90.2 (21.0)	67.5 (17.1)	70.9 (16.4)
Respiratory organs (C30-C39)	32.2 (6.9)	20.2 (4.7)	31.1 (6.9)	29.3 (6.8)	36.9 (9.4)	30.0 (6.9)
Bone, cartilage, and skin (C40-C44)	202.4 (43.6)	171.0 (39.9)	175.3 (38.8)	145.0 (33.7)	142.6 (36.2)	166.8 (38.5)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)	1.7 (0.4)	0 (0.0)	0.3 (0.1)
Male genitalia (C60-C63)	90.2 (19.4)	77.4 (18.1)	63.8 (14.1)	62.8 (14.6)	68.3 (17.3)	72.3 (16.7)
Urinary organs (C64-C68)	18.1 (3.9)	31.9 (7.4)	18.7 (4.1)	18.2 (4.2)	14.6 (3.7)	20.2 (4.7)
Eye, brain, and thyroid (C69-C75)	6.1 (1.3)	9.0 (2.1)	7.4 (1.6)	9.3 (2.2)	1.6 (0.4)	6.6 (1.5)
Hematopoietic (C81-C96)	16.6 (3.6)	18.2 (4.2)	24.8 (5.5)	17.9 (4.2)	16.4 (4.2)	18.8 (4.3)
Other and unspecified	6.4 (1.4)	14.8 (3.5)	16.2 (3.6)	12.9 (3.0)	13.3 (3.4)	12.8 (3.0)
All sites	464.6 (100.0)	428.2 (100.0)	451.4 (100.0)	430.0 (100.0)	393.7 (100.0)	433.2 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0 (0.0)	2.4 (0.7)	0 (0.0)	6.7 (1.7)	3.7 (1.1)	2.6 (0.7)
Digestive organs (C15-C26)	38.5 (11.1)	31.5 (8.6)	53.3 (13.1)	41.1 (10.7)	48.7 (14.6)	42.7 (11.6)
Respiratory organs (C30-C39)	8.0 (2.3)	4.2 (1.2)	1.6 (0.4)	7.9 (2.1)	11.1 (3.3)	6.6 (1.8)
Bone, cartilage, and skin (C40-C44)	190.7 (55.1)	207.1 (56.5)	209.4 (51.7)	188.2 (48.9)	148.7 (44.7)	188.5 (51.3)
Breast (C50)	51.0 (14.7)	44.5 (12.1)	65.9 (16.3)	57.7 (15.0)	42.7 (12.8)	52.4 (14.3)
Female genitalia (C51-C58)	22.2 (6.4)	27.2 (7.4)	26.9 (6.6)	33.1 (8.6)	25.8 (7.8)	27.1 (7.4)
Urinary organs (C64-C68)	3.8 (1.1)	7.8 (2.1)	11.3 (2.8)	3.2 (0.8)	2.9 (0.9)	5.8 (1.6)
Eye, brain, and thyroid (C69-C75)	6.1 (1.7)	15.6 (4.3)	18.9 (4.7)	17.6 (4.6)	15.9 (4.8)	14.9 (4.1)
Hematopoietic (C81-C96)	13.2 (3.8)	14.2 (3.9)	12.1 (3.0)	18.3 (4.8)	18.9 (5.7)	15.4 (4.2)
Other and unspecified	12.9 (3.7)	12.1 (3.3)	5.8 (1.4)	10.8 (2.8)	14.3 (4.3)	11.2 (3.0)
All sites	346.3 (100.0)	366.7 (100.0)	405.3 (100.0)	384.6 (100.0)	332.7 (100.0)	367.1 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	12.4 (3.1)	16.3 (4.1)	18.1 (4.3)	23.6 (5.8)	17.3 (4.8)	17.6 (4.4)
Digestive organs (C15-C26)	51.0 (12.7)	42.4 (10.7)	63.7 (15.0)	64.2 (15.9)	57.1 (15.9)	55.8 (14.1)
Respiratory organs (C30-C39)	19.2 (4.8)	11.6 (2.9)	14.9 (3.5)	17.6 (4.3)	22.8 (6.4)	17.2 (4.4)
Bone, cartilage, and skin (C40-C44)	197.7 (49.4)	191.1 (48.5)	192.9 (45.6)	168.8 (41.8)	145.7 (40.7)	178.9 (45.2)
Urinary organs (C64-C68)	10.3 (2.6)	18.7 (4.7)	14.4 (3.4)	9.8 (2.4)	8.2 (2.3)	12.2 (3.1)
Eye, brain, and thyroid (C69-C75)	6.3 (1.6)	12.2 (3.1)	13.4 (3.2)	13.3 (3.3)	9.0 (2.5)	10.9 (2.7)
Hematopoietic (C81-C96)	14.8 (3.7)	16.3 (4.1)	18.1 (4.3)	18.0 (4.4)	17.3 (4.8)	16.9 (4.3)
Other and unspecified	10.0 (2.5)	13.6 (3.5)	10.5 (2.5)	11.9 (2.9)	14.0 (3.9)	12.0 (3.0)
All sites	400.2 (100.0)	394.0 (100.0)	423.3 (100.0)	404.0 (100.0)	358.4 (100.0)	395.8 (100.0)

BRAZIL, JAU (2000-2004)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	96	0	.	.	.	.	7.3	4.2	.	13.3	37.5	102.0	78.5	151.8	133.7	92.8	218.3	88.8	33.6	34.4	4.20	100	0	2	C00-14
Oesophagus (C15)	45	0	.	.	.	.	.	.	.	4.4	23.5	5.7	35.7	111.3	89.2	106.1	50.4	44.4	15.7	16.9	2.13	100	0	6	C15
Stomach (C16)	49	0	.	.	.	.	.	.	.	.	.	39.7	21.4	40.5	66.9	92.8	117.5	222.1	17.1	17.3	1.89	98	2	5	C16
Colon (C18)	43	0	.	.	.	.	.	.	4.5	4.4	9.4	34.0	7.1	50.6	66.9	66.3	117.5	133.3	15.0	15.2	1.80	95	5		C18
Rectum (C19-20)	29	0	.	.	.	.	.	.	.	4.4	14.1	11.3	28.5	.	78.0	53.1	67.2	59.2	10.1	10.5	1.28	100	0		C19-20
Colorectal (C18-20)	72	0	.	.	.	.	.	.	4.5	8.9	23.5	45.3	35.7	50.6	144.9	119.4	184.7	192.5	25.2	25.7	3.09	97	3	3	C18-20
Anus (C21)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C21
Colon, rectum and anus (C18-21)	72	0	.	.	.	.	.	.	4.5	8.9	23.5	45.3	35.7	50.6	144.9	119.4	184.7	192.5	25.2	25.7	3.09	97	3		C18-21
Liver (C22)	6	0	.	.	.	.	.	.	.	4.4	4.7	.	.	.	.	39.8	16.8	.	2.1	2.1	0.33	67	0	17	C22
Gallbladder (C23-24)	6	0	.	.	.	.	.	.	.	.	.	11.3	7.1	.	.	13.3	.	29.6	2.1	2.0	0.16	83	0	18	C23-24
Pancreas (C25)	19	0	.	.	.	.	.	.	.	.	4.7	.	7.1	20.2	33.4	66.3	33.6	74.0	6.6	6.9	0.83	68	11	10	C25
Nose, sinuses (C30-31)	2	0	.	.	.	.	.	.	.	.	.	.	.	20.2	.	.	.	.	0.7	0.8	0.10	100	0	21	C30-31
Larynx (C32)	19	0	.	.	.	.	.	.	.	.	9.4	5.7	28.5	30.4	11.1	.	84.0	44.4	6.6	6.6	0.85	95	5	11	C32
Lung, trachea and bronchus (C33-34)	64	0	.	.	.	.	.	.	.	4.4	9.4	22.7	42.8	50.6	66.9	159.2	235.1	207.3	22.4	22.7	2.96	92	3	4	C33-34
Melanoma of skin (C43)	17	0	.	.	.	.	3.6	.	4.5	4.4	4.7	.	14.3	10.1	22.3	26.5	50.4	44.4	5.9	5.8	0.70	100	0	12	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	.	4.5	.	.	.	7.1	.	.	.	.	.	0.7	0.6	0.06	100	0	24	C46
Breast (C50)	1	0	.	.	.	.	.	.	.	.	.	5.7	.	.	.	.	.	.	0.3	0.3	0.03	100	0	25	C50
Penis (C60)	2	0	.	.	.	.	.	.	.	.	.	.	.	10.1	.	.	.	14.8	0.7	0.7	0.05	100	0	23	C60
Prostate (C61)	196	0	.	.	.	.	.	.	.	.	.	17.0	49.9	161.9	256.4	517.2	738.9	947.6	68.5	69.5	8.71	95	2	1	C61
Testis (C62)	6	0	.	.	.	.	.	4.2	9.1	.	9.4	5.7	.	.	.	.	.	.	2.1	1.8	0.14	100	0	19	C62
Kidney (C64)	12	0	.	.	.	.	.	.	4.5	.	4.7	11.3	14.3	10.1	22.3	13.3	.	29.6	4.2	4.2	0.40	92	0	14	C64
Bladder (C67)	45	0	.	.	.	.	.	.	.	.	.	11.3	7.1	40.5	33.4	119.4	151.1	251.7	15.7	15.6	1.81	100	0	7	C67
Brain, CNS (C70-72)	14	0	.	4.4	.	.	3.6	4.2	.	4.4	.	5.7	14.3	10.1	22.3	.	16.8	44.4	4.9	4.9	0.43	79	7	13	C70-72
Thyroid (C73)	2	0	.	.	.	.	.	.	.	.	.	5.7	.	10.1	.	.	.	.	0.7	0.7	0.08	100	0	22	C73
Hodgkin disease (C81)	4	0	.	.	.	.	.	8.4	.	.	4.7	5.7	.	.	.	.	.	.	1.4	1.3	0.09	100	0	20	C81
Non-Hodgkin lymphoma (C82-85;C96)	30	0	4.5	8.8	4.0	3.5	.	4.2	4.5	4.4	.	5.7	21.4	20.2	44.6	39.8	33.6	103.6	10.5	10.9	1.00	100	0	8	C82-85;C96
Multiple myeloma (C88-C90)	7	0	.	.	.	.	.	.	.	.	.	.	7.1	10.1	22.3	13.3	.	29.6	2.4	2.6	0.26	100	0	16	C88-C90
Lymphoid leukaemia (C91)	5	0	4.5	.	.	.	3.6	.	.	.	.	.	.	.	.	13.3	16.8	14.8	1.7	1.9	0.19	100	0		C91
Myeloid leukaemia (C92-94)	6	0	.	4.4	.	.	.	.	.	4.4	4.7	5.7	.	10.1	.	.	.	14.8	2.1	2.0	0.15	100	0		C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.		C95
Leukaemia (C91-95)	11	0	4.5	4.4	.	.	3.6	.	.	4.4	4.7	5.7	.	10.1	.	13.3	16.8	29.6	3.8	3.9	0.34	100	0	15	C91-95
Other and unspecified (O&U)	28	0	.	.	.	.	.	.	9.1	.	18.8	17.0	28.5	20.2	33.4	39.8	50.4	59.2	9.8	9.6	1.09	86	0	9	O&U
All sites but C44 (ALLbC44)	769	0	13.6	17.7	8.0	7.0	21.9	29.4	45.3	53.3	159.6	334.3	428.0	799.5	1014.3	1485.4	2015.1	2487.4	288.8	273.0	32.16	95	2		ALLbC44
All sites (ALL)	1225	0	13.6	17.7	8.0	7.0	29.1	42.0	77.1	119.9	281.6	487.3	706.2	1265.1	1638.4	2294.4	3241.0	3982.8	428.1	433.2	51.14	97	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, JAU (2000-2004)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	8	0	.	.	.	.	.	.	.	.	.	5.4	14.5	8.9	9.8	10.7	13.7	10.2	2.7	2.6	0.31	100	0	19	C00-14
Oesophagus (C15)	6	0	.	.	.	.	.	.	.	.	.	5.4	21.7	.	.	.	13.7	10.2	2.0	1.9	0.20	83	17	20	C15
Stomach (C16)	34	0	.	.	.	.	.	4.3	.	8.6	4.7	10.9	7.2	8.9	49.2	53.5	81.9	102.1	11.6	9.8	1.15	94	3	5	C16
Colon (C18)	45	0	.	.	.	.	.	4.3	4.3	.	14.1	27.2	21.7	53.1	29.5	53.5	68.3	132.7	15.4	13.1	1.38	96	4		C18
Rectum (C19-20)	23	0	.	.	.	.	.	.	.	.	9.4	10.9	14.5	35.4	9.8	21.4	27.3	81.6	7.9	6.6	0.64	96	0		C19-20
Colorectal (C18-20)	68	0	.	.	.	.	.	4.3	4.3	.	23.5	38.0	36.2	88.5	39.4	75.0	95.6	214.3	23.2	19.7	2.02	96	3	2	C18-20
Anus (C21)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20.4	0.7	0.4	0.00	100	0	24	C21
Colon, rectum and anus (C18-21)	70	0	.	.	.	.	.	4.3	4.3	.	23.5	38.0	36.2	88.5	39.4	75.0	95.6	234.7	23.9	20.1	2.02	96	3		C18-21
Liver (C22)	5	0	.	.	.	.	.	.	.	.	4.7	.	.	.	.	10.7	13.7	20.4	1.7	1.3	0.15	40	40	22	C22
Gallbladder (C23-24)	16	0	.	.	.	.	.	.	.	.	.	.	21.7	.	9.8	.	81.9	61.2	5.5	4.3	0.57	75	0	14	C23-24
Pancreas (C25)	17	0	.	.	.	.	.	.	4.3	.	.	.	.	8.9	19.7	32.1	27.3	81.6	5.8	4.5	0.46	65	18	13	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C30-31
Larynx (C32)	3	0	.	.	.	.	.	.	.	.	4.7	5.4	.	8.9	.	.	.	.	1.0	1.0	0.09	100	0	23	C32
Lung, trachea and bronchus (C33-34)	18	0	.	.	.	.	.	.	.	4.3	.	5.4	21.7	17.7	9.8	32.1	27.3	51.0	6.1	5.3	0.59	78	17	11	C33-34
Melanoma of skin (C43)	22	0	.	.	.	.	.	4.3	8.7	.	9.4	16.3	7.2	17.7	.	21.4	27.3	71.4	7.5	6.1	0.56	95	5	10	C43
Mesothelioma (C45)	1	0	.	.	.	.	3.9	.	.	.	.	.	.	.	.	.	.	.	0.3	0.3	0.02	100	0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C46
Breast (C50)	170	0	.	.	.	3.6	.	4.3	13.0	51.7	79.8	141.3	180.9	88.5	196.8	192.7	150.2	265.4	58.0	52.4	5.51	99	1	1	C50
Cervix uteri (C53)	35	0	.	.	.	.	3.9	.	8.7	12.9	9.4	16.3	43.4	35.4	39.4	32.1	27.3	51.0	12.0	10.8	1.14	100	0	3	C53
Corpus uteri (C54)	22	0	.	.	.	.	.	.	.	.	9.4	5.4	28.9	26.6	29.5	53.5	27.3	20.4	7.5	7.1	0.90	100	0	8	C54
Ovary (C56)	25	0	.	.	4.1	.	3.9	4.3	4.3	4.3	23.5	10.9	14.5	17.7	19.7	21.4	41.0	20.4	8.5	7.7	0.85	96	0	7	C56
Kidney (C64)	9	0	.	.	.	.	.	.	.	.	4.7	10.9	14.5	.	9.8	10.7	.	20.4	3.1	2.8	0.25	89	0	18	C64
Bladder (C67)	11	0	.	.	.	.	.	.	.	4.3	.	.	.	.	9.8	21.4	13.7	61.2	3.8	2.8	0.25	100	0	17	C67
Brain, CNS (C70-72)	11	0	.	.	4.1	3.6	.	.	.	.	.	.	7.2	.	9.8	42.8	27.3	10.2	3.8	3.5	0.47	64	27	15	C70-72
Thyroid (C73)	34	0	.	.	.	7.1	3.9	.	21.7	12.9	18.8	43.5	28.9	8.9	29.5	21.4	.	10.2	11.6	10.6	0.98	100	0	4	C73
Hodgkin disease (C81)	4	0	.	4.4	.	.	7.8	.	.	.	.	5.4	.	.	.	.	.	.	1.4	1.4	0.09	100	0	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	18	0	.	.	.	.	.	.	8.7	8.6	4.7	5.4	.	8.9	19.7	10.7	41.0	51.0	6.1	4.9	0.54	100	0	12	C82-85; C96
Multiple myeloma (C88-C90)	9	0	.	.	.	.	.	.	.	.	4.7	.	.	17.7	19.7	10.7	27.3	10.2	3.1	2.8	0.40	100	0	16	C88-C90
Lymphoid leukaemia (C91)	9	0	14.0	4.4	.	3.6	.	.	.	.	.	.	.	8.9	.	10.7	27.3	.	3.1	3.7	0.34	100	0		C91
Myeloid leukaemia (C92-94)	8	0	.	.	.	.	.	4.3	.	.	4.7	5.4	.	.	19.7	10.7	13.7	10.2	2.7	2.5	0.29	100	0		C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.		C95
Leukaemia (C91-95)	17	0	14.0	4.4	.	3.6	.	4.3	.	.	4.7	5.4	.	8.9	19.7	21.4	41.0	10.2	5.8	6.2	0.64	100	0	9	C91-95
Other and unspecified (O&U)	29	0	.	.	.	.	3.9	.	4.3	4.3	4.7	.	14.5	17.7	49.2	42.8	41.0	91.9	9.9	8.5	0.91	72	7	6	O&U
All sites but C44 (ALLbC44)	613	0	23.4	8.9	8.2	21.3	27.5	25.9	86.7	116.3	211.1	347.7	470.3	398.4	600.2	728.1	846.6	1308.4	209.3	184.7	19.60	93	3		ALLbC44
All sites (ALL)	1258	0	23.4	8.9	12.3	21.3	31.4	38.9	112.7	180.8	398.8	624.8	738.1	858.8	1161.1	1413.4	2362.4	3419.1	429.6	367.1	39.93	97	2		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

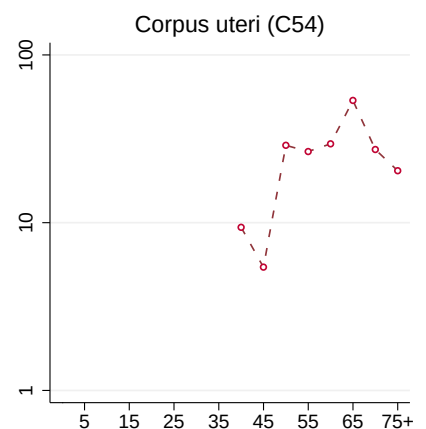
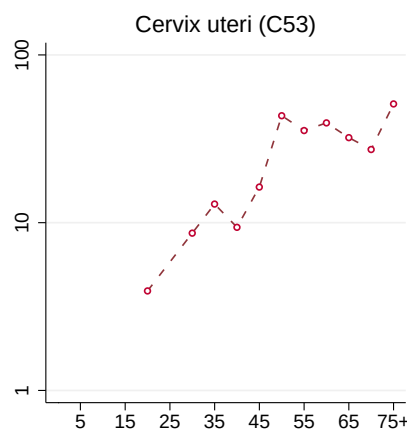
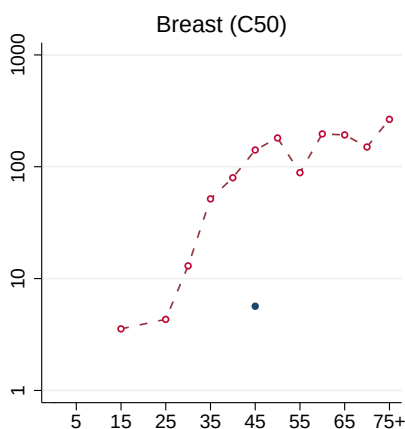
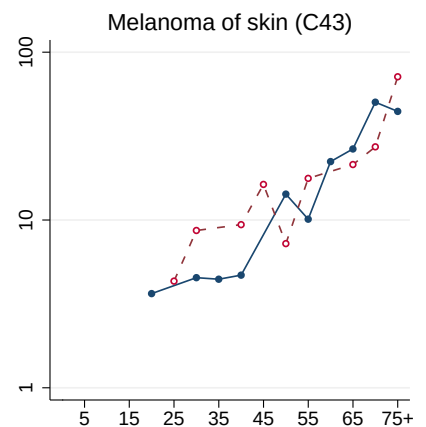
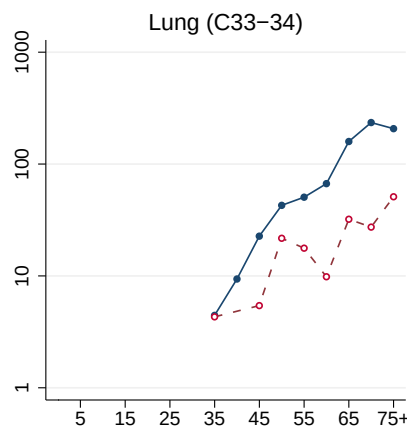
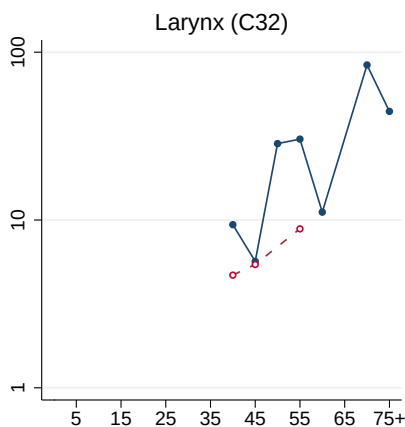
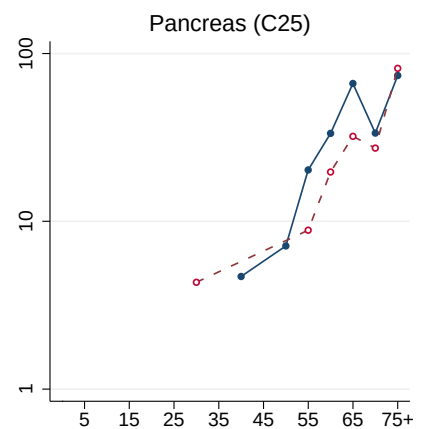
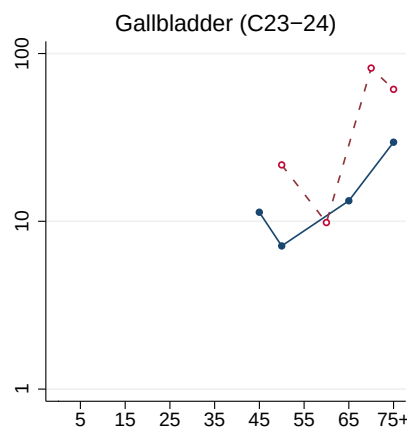
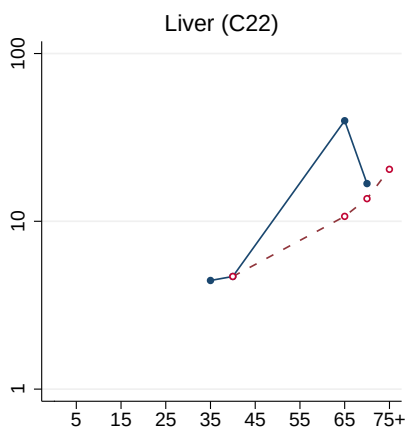
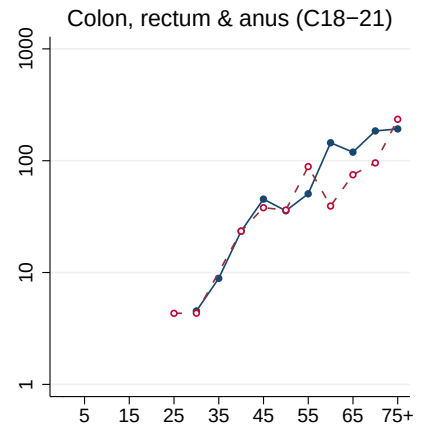
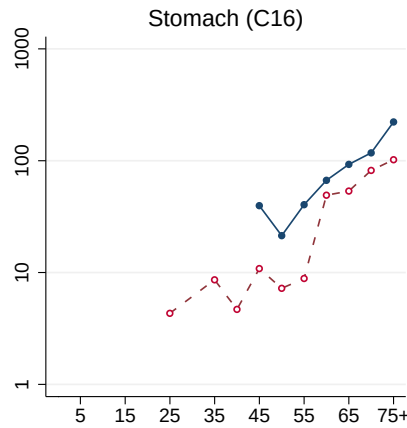
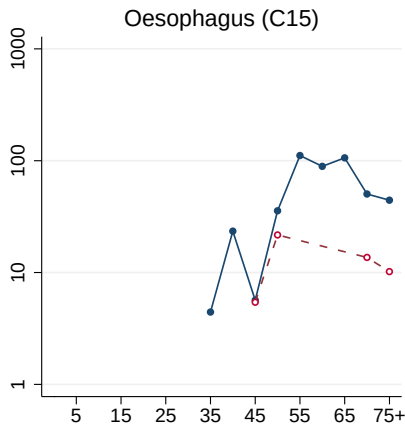
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

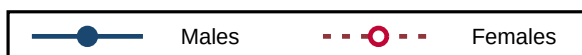
BRAZIL, JAU (2000–2004)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



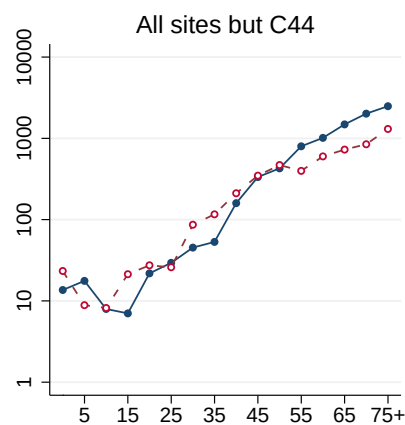
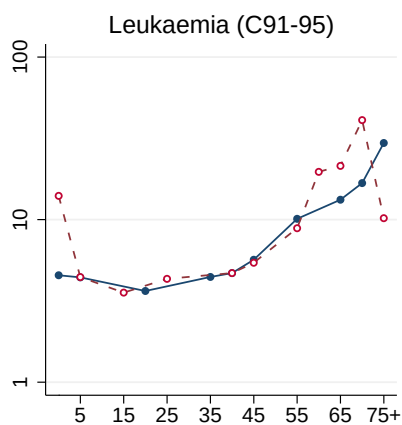
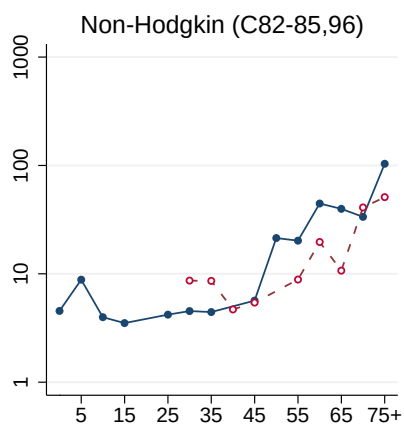
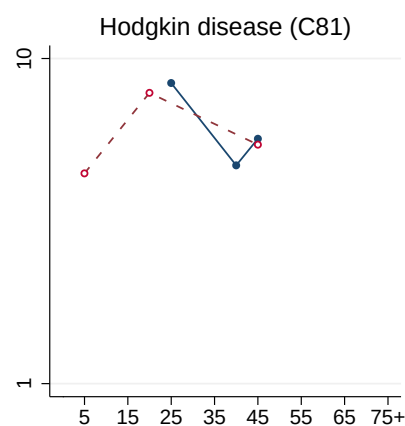
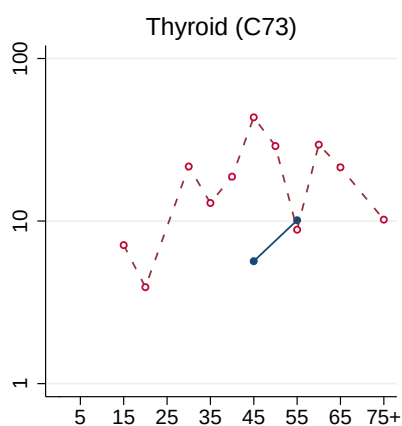
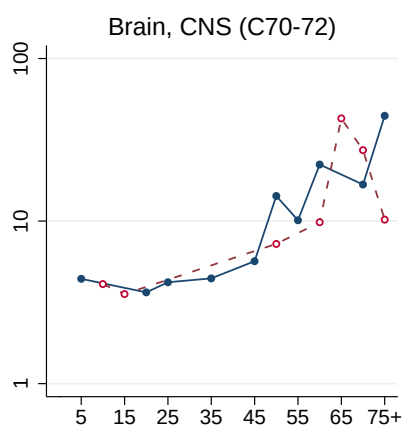
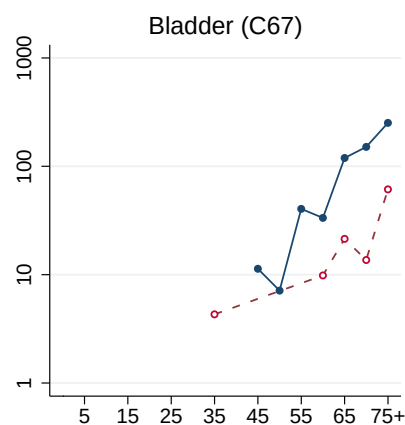
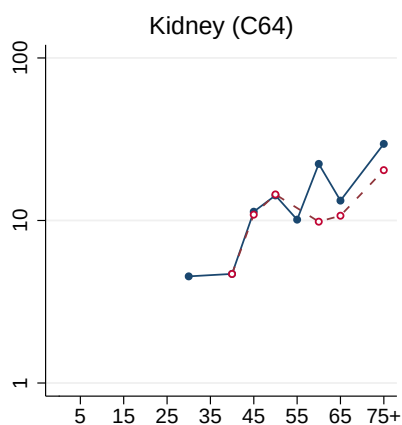
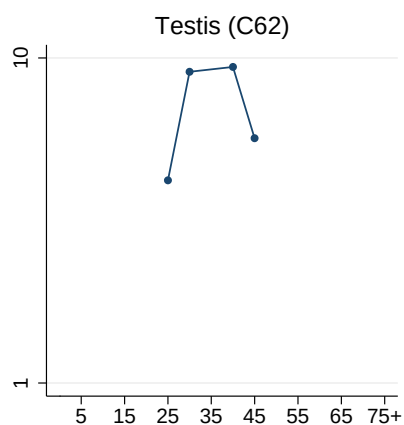
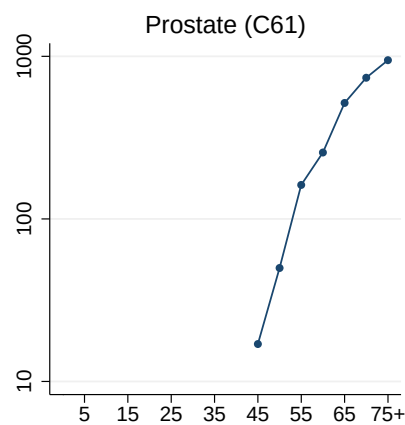
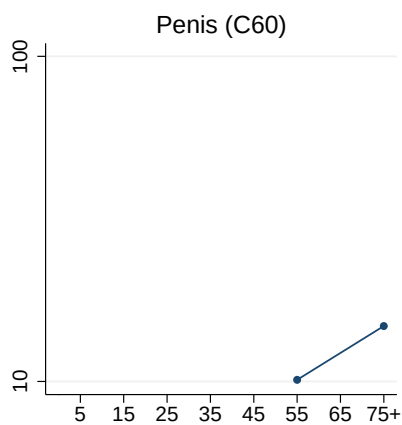
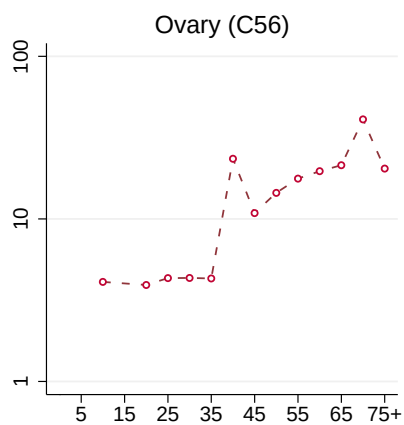
Age in Years



BRAZIL, JAU (2000-2004)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, JAU (2005-2009)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2005 n (%)	2006 n (%)	2007 n (%)	2008 n (%)	2009 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	13 (5.7)	12 (5.0)	21 (7.9)	23 (8.0)	15 (5.4)	84 (6.5)
Digestive organs (C15-C26)	33 (14.3)	35 (14.7)	47 (17.7)	50 (17.4)	54 (19.5)	219 (16.9)
Respiratory organs (C30-C39)	29 (12.6)	24 (10.1)	21 (7.9)	25 (8.7)	28 (10.1)	127 (9.8)
Bone, cartilage, and skin (C40-C44)	80 (34.8)	79 (33.2)	85 (32.0)	103 (35.9)	90 (32.5)	437 (33.7)
Breast (C50)	0 (0.0)	0 (0.0)	1 (0.4)	1 (0.3)	1 (0.4)	3 (0.2)
Male genitalia (C60-C63)	39 (17.0)	42 (17.6)	42 (15.8)	29 (10.1)	41 (14.8)	193 (14.9)
Urinary organs (C64-C68)	9 (3.9)	13 (5.5)	8 (3.0)	18 (6.3)	14 (5.1)	62 (4.8)
Eye, brain, and thyroid (C69-C75)	4 (1.7)	7 (2.9)	5 (1.9)	7 (2.4)	8 (2.9)	31 (2.4)
Hematopoietic (C81-C96)	14 (6.1)	14 (5.9)	20 (7.5)	13 (4.5)	11 (4.0)	72 (5.5)
Other and unspecified	9 (3.9)	12 (5.0)	16 (6.0)	18 (6.3)	15 (5.4)	70 (5.4)
All sites	230 (100.0)	238 (100.0)	266 (100.0)	287 (100.0)	277 (100.0)	1298 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	4 (1.7)	3 (1.6)	4 (1.8)	2 (0.8)	3 (1.1)	16 (1.4)
Digestive organs (C15-C26)	38 (16.3)	23 (12.0)	35 (15.8)	40 (16.4)	32 (11.9)	168 (14.5)
Respiratory organs (C30-C39)	9 (3.9)	1 (0.5)	5 (2.3)	12 (4.9)	8 (3.0)	35 (3.0)
Bone, cartilage, and skin (C40-C44)	86 (36.9)	81 (42.2)	76 (34.4)	92 (37.7)	108 (40.1)	443 (38.2)
Breast (C50)	38 (16.3)	26 (13.5)	36 (16.3)	39 (16.0)	35 (13.0)	174 (15.0)
Female genitalia (C51-C58)	23 (9.9)	16 (8.3)	25 (11.3)	24 (9.8)	32 (11.9)	120 (10.4)
Urinary organs (C64-C68)	6 (2.6)	5 (2.6)	3 (1.4)	4 (1.6)	5 (1.9)	23 (2.0)
Eye, brain, and thyroid (C69-C75)	11 (4.7)	13 (6.8)	18 (8.1)	7 (2.9)	16 (5.9)	65 (5.6)
Hematopoietic (C81-C96)	9 (3.9)	9 (4.7)	10 (4.5)	15 (6.1)	13 (4.8)	56 (4.8)
Other and unspecified	9 (3.9)	15 (7.8)	9 (4.1)	9 (3.7)	17 (6.3)	59 (5.1)
All sites	233 (100.0)	192 (100.0)	221 (100.0)	244 (100.0)	269 (100.0)	1159 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	17 (3.7)	15 (3.5)	25 (5.1)	25 (4.7)	18 (3.3)	100 (4.1)
Digestive organs (C15-C26)	71 (15.3)	58 (13.5)	82 (16.8)	90 (16.9)	86 (15.8)	387 (15.8)
Respiratory organs (C30-C39)	38 (8.2)	25 (5.8)	26 (5.3)	37 (7.0)	36 (6.6)	162 (6.6)
Bone, cartilage, and skin (C40-C44)	166 (35.9)	160 (37.2)	161 (33.1)	195 (36.7)	198 (36.3)	880 (35.8)
Urinary organs (C64-C68)	15 (3.2)	18 (4.2)	11 (2.3)	22 (4.1)	19 (3.5)	85 (3.5)
Eye, brain, and thyroid (C69-C75)	15 (3.2)	20 (4.7)	23 (4.7)	14 (2.6)	24 (4.4)	96 (3.9)
Hematopoietic (C81-C96)	23 (5.0)	23 (5.3)	30 (6.2)	28 (5.3)	24 (4.4)	128 (5.2)
Other and unspecified	18 (3.9)	27 (6.3)	25 (5.1)	27 (5.1)	32 (5.9)	129 (5.3)
All sites	463 (100.0)	430 (100.0)	487 (100.0)	531 (100.0)	546 (100.0)	2457 (100.0)

BRAZIL, JAU (2005-2009)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	2008 ASR (%)	2009 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	21.2 (5.5)	19.3 (4.9)	30.6 (8.2)	30.1 (7.8)	18.8 (5.3)	24.2 (6.4)
Digestive organs (C15-C26)	58.2 (15.0)	57.8 (14.6)	64.7 (17.4)	70.2 (18.2)	69.3 (19.5)	64.1 (17.0)
Respiratory organs (C30-C39)	50.1 (12.9)	41.3 (10.4)	28.7 (7.7)	34.2 (8.9)	35.9 (10.1)	37.4 (9.9)
Bone, cartilage, and skin (C40-C44)	131.6 (34.0)	126.9 (32.1)	116.2 (31.2)	134.3 (34.8)	109.5 (30.7)	122.5 (32.5)
Breast (C50)	0 (0.0)	0 (0.0)	1.5 (0.4)	1.0 (0.2)	1.4 (0.4)	0.8 (0.2)
Male genitalia (C60-C63)	67.9 (17.5)	71.8 (18.2)	61.6 (16.6)	39.9 (10.3)	58.3 (16.4)	59.0 (15.7)
Urinary organs (C64-C68)	14.6 (3.8)	20.5 (5.2)	12.6 (3.4)	25.4 (6.6)	19.2 (5.4)	18.3 (4.9)
Eye, brain, and thyroid (C69-C75)	6.2 (1.6)	11.8 (3.0)	6.0 (1.6)	8.0 (2.1)	9.6 (2.7)	8.5 (2.2)
Hematopoietic (C81-C96)	22.6 (5.8)	25.9 (6.6)	28.1 (7.6)	20.0 (5.2)	14.8 (4.2)	22.1 (5.9)
Other and unspecified	15.2 (3.9)	19.8 (5.0)	22.1 (5.9)	22.9 (5.9)	19.3 (5.4)	20.0 (5.3)
All sites	387.4 (100.0)	395.0 (100.0)	372.2 (100.0)	386.1 (100.0)	356.3 (100.0)	376.9 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5.3 (1.7)	4.3 (1.6)	4.6 (1.7)	2.7 (1.0)	2.9 (1.0)	3.8 (1.4)
Digestive organs (C15-C26)	51.4 (16.1)	29.3 (11.0)	41.6 (15.5)	39.0 (14.7)	32.0 (11.1)	38.3 (13.7)
Respiratory organs (C30-C39)	12.5 (3.9)	1.8 (0.7)	7.3 (2.7)	13.2 (5.0)	8.9 (3.1)	8.8 (3.2)
Bone, cartilage, and skin (C40-C44)	114.2 (35.8)	112.2 (42.0)	89.2 (33.3)	97.4 (36.7)	111.5 (38.7)	104.0 (37.2)
Breast (C50)	55.6 (17.4)	37.3 (14.0)	43.0 (16.1)	46.5 (17.5)	36.8 (12.8)	43.5 (15.6)
Female genitalia (C51-C58)	30.8 (9.7)	22.1 (8.3)	31.7 (11.8)	27.0 (10.2)	38.2 (13.2)	29.7 (10.6)
Urinary organs (C64-C68)	8.5 (2.7)	7.0 (2.6)	3.2 (1.2)	3.5 (1.3)	5.1 (1.8)	5.3 (1.9)
Eye, brain, and thyroid (C69-C75)	17.3 (5.4)	17.6 (6.6)	24.1 (9.0)	7.8 (3.0)	18.6 (6.4)	17.1 (6.1)
Hematopoietic (C81-C96)	10.9 (3.4)	13.8 (5.2)	13.1 (4.9)	20.7 (7.8)	15.4 (5.3)	14.8 (5.3)
Other and unspecified	12.6 (4.0)	21.6 (8.1)	10.0 (3.7)	7.5 (2.8)	18.7 (6.5)	13.9 (5.0)
All sites	319.1 (100.0)	267.2 (100.0)	267.7 (100.0)	265.3 (100.0)	288.1 (100.0)	279.3 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	12.7 (3.6)	11.2 (3.5)	17.0 (5.4)	15.4 (4.8)	10.6 (3.3)	13.4 (4.1)
Digestive organs (C15-C26)	54.6 (15.6)	42.4 (13.1)	51.9 (16.5)	53.9 (16.9)	48.6 (15.3)	50.1 (15.5)
Respiratory organs (C30-C39)	30.0 (8.6)	20.1 (6.2)	17.1 (5.5)	22.4 (7.0)	21.3 (6.7)	21.9 (6.8)
Bone, cartilage, and skin (C40-C44)	122.2 (35.0)	118.5 (36.5)	101.2 (32.2)	113.8 (35.6)	110.2 (34.7)	112.2 (34.7)
Urinary organs (C64-C68)	11.1 (3.2)	13.0 (4.0)	7.6 (2.4)	13.5 (4.2)	11.7 (3.7)	11.3 (3.5)
Eye, brain, and thyroid (C69-C75)	11.7 (3.3)	14.7 (4.5)	15.2 (4.8)	8.1 (2.5)	14.0 (4.4)	12.8 (4.0)
Hematopoietic (C81-C96)	16.5 (4.7)	19.8 (6.1)	20.0 (6.4)	20.3 (6.4)	15.2 (4.8)	18.3 (5.7)
Other and unspecified	13.8 (3.9)	20.6 (6.3)	15.4 (4.9)	14.9 (4.7)	18.9 (6.0)	16.7 (5.2)
All sites	349.6 (100.0)	324.8 (100.0)	314.1 (100.0)	319.7 (100.0)	317.5 (100.0)	322.9 (100.0)

BRAZIL, JAU (2005-2009)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	84	0	.	.	.	.	.	.	3.9	.	30.1	23.2	97.9	114.2	110.8	96.9	44.4	152.9	26.4	24.2	2.61	100	0	4	C00-14
Oesophagus (C15)	34	0	.	.	.	.	.	.	.	.	.	9.3	21.7	28.6	83.1	84.7	44.4	54.6	10.7	10.6	1.36	97	0	9	C15
Stomach (C16)	57	0	.	.	.	.	.	.	7.7	4.1	8.6	4.6	27.2	50.0	55.4	145.3	118.4	142.0	17.9	16.6	2.11	100	0	5	C16
Colon (C18)	46	0	.	.	.	.	.	3.5	.	.	21.5	9.3	5.4	14.3	83.1	48.4	59.2	196.6	14.5	12.9	1.22	91	0		C18
Rectum (C19-20)	41	0	.	.	.	.	.	.	3.9	.	8.6	23.2	43.5	21.4	46.2	96.9	44.4	65.5	12.9	12.1	1.44	98	0		C19-20
Colorectal (C18-20)	87	0	.	.	.	.	.	3.5	3.9	.	30.1	32.5	48.9	35.7	129.3	145.3	103.6	262.2	27.3	25.0	2.66	94	0	3	C18-20
Anus (C21)	1	0	.	.	.	.	.	.	3.9	.	.	.	.	.	.	.	.	.	0.3	0.2	0.02	100	0	26	C21
Colon, rectum and anus (C18-21)	88	0	.	.	.	.	.	3.5	7.7	.	30.1	32.5	48.9	35.7	129.3	145.3	103.6	262.2	27.6	25.2	2.68	94	0		C18-21
Liver (C22)	6	0	.	.	.	.	.	.	.	.	.	9.3	5.4	.	.	12.1	29.6	.	1.9	1.8	0.28	100	0	20	C22
Gallbladder (C23-24)	6	0	.	.	.	.	.	.	.	.	.	.	5.4	.	9.2	24.2	14.8	10.9	1.9	1.9	0.27	83	0	19	C23-24
Pancreas (C25)	26	0	.	.	.	.	.	.	.	4.1	.	.	.	7.1	55.4	24.2	29.6	131.1	8.2	7.2	0.66	65	0	12	C25
Nose, sinuses (C30-31)	2	0	.	.	.	.	.	.	.	.	.	.	.	14.3	.	.	.	.	0.6	0.6	0.07	100	0	24	C30-31
Larynx (C32)	39	0	.	.	.	.	.	.	.	.	12.9	13.9	5.4	50.0	55.4	60.5	74.0	98.3	12.3	11.4	1.36	90	8	8	C32
Lung, trachea and bronchus (C33-34)	86	0	.	.	.	3.5	3.5	.	.	4.1	8.6	32.5	43.5	107.1	110.8	133.2	222.1	142.0	27.0	25.4	3.34	85	3	2	C33-34
Melanoma of skin (C43)	19	0	.	.	.	.	.	.	7.7	8.3	.	4.6	16.3	14.3	27.7	24.2	14.8	32.8	6.0	5.4	0.59	100	0	14	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	.	4.3	.	.	.	.	.	.	.	0.3	0.3	0.02	100	0	25	C46
Breast (C50)	3	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29.6	10.9	0.9	0.8	0.15	100	0	23	C50
Penis (C60)	6	0	.	.	.	.	.	.	.	.	.	.	5.4	7.1	9.2	.	14.8	21.8	1.9	1.7	0.18	100	0	22	C60
Prostate (C61)	178	0	.	.	.	.	.	.	.	.	4.3	32.5	65.2	128.5	258.5	508.5	592.2	327.7	55.9	54.6	7.95	95	1	1	C61
Testis (C62)	9	0	.	.	4.0	7.4	.	7.1	.	.	.	4.6	10.9	.	9.2	.	.	.	2.8	2.8	0.22	100	0	17	C62
Kidney (C64)	21	0	.	.	.	.	3.5	.	.	4.1	.	9.3	.	21.4	36.9	36.3	44.4	43.7	6.6	6.3	0.78	95	0	13	C64
Bladder (C67)	41	0	.	.	.	.	.	3.5	.	4.1	4.3	9.3	16.3	21.4	55.4	60.5	162.9	87.4	12.9	12.1	1.69	98	0	7	C67
Brain, CNS (C70-72)	18	0	4.4	.	4.0	.	.	.	11.6	8.3	4.3	.	5.4	.	.	12.1	59.2	43.7	5.7	5.0	0.55	44	0	15	C70-72
Thyroid (C73)	7	0	.	.	.	3.5	3.5	.	3.9	8.3	.	.	5.4	7.1	.	.	.	10.9	2.2	1.8	0.14	100	0	21	C73
Hodgkin disease (C81)	7	0	8.8	4.1	4.0	.	3.5	3.5	.	4.1	.	.	.	.	.	.	.	.	2.2	2.6	0.14	100	0	18	C81
Non-Hodgkin lymphoma (C82-85;C96)	29	0	.	4.1	.	3.7	3.5	.	11.6	8.3	.	13.9	16.3	7.1	9.2	60.5	74.0	32.8	9.1	8.5	1.06	100	0	10	C82-85;C96
Multiple myeloma (C88-C90)	12	0	.	.	.	.	.	.	.	.	.	4.6	.	14.3	27.7	.	59.2	21.8	3.8	3.6	0.53	100	0	16	C88-C90
Lymphoid leukaemia (C91)	7	0	4.4	.	4.0	.	3.5	3.9	.	.	.	.	5.4	7.1	.	12.1	.	.	2.2	2.3	0.20	100	0		C91
Myeloid leukaemia (C92-94)	15	0	.	.	8.0	.	3.5	3.5	.	.	4.3	4.6	5.4	7.1	18.5	24.2	14.8	21.8	4.7	4.6	0.47	100	0		C92-94
Leukaemia unspecified (C95)	2	0	.	.	.	.	.	.	.	.	.	.	.	7.1	.	.	.	.	0.6	0.5	0.04	100	0		C95
Leukaemia (C91-95)	24	0	4.4	.	12.0	.	3.5	7.1	3.9	.	4.3	4.6	10.9	21.4	18.5	36.3	14.8	32.8	7.5	7.4	0.71	100	0	11	C91-95
Other and unspecified (O&U)	54	0	.	.	.	.	3.5	.	.	.	.	13.9	59.8	57.1	73.9	48.4	59.2	163.8	17.0	15.3	1.58	80	0	6	O&U
All sites but C44 (ALLbC44)	884	0	17.6	8.2	24.0	22.1	24.4	31.7	57.9	58.0	120.5	231.8	483.9	735.5	1163.4	1549.6	1880.4	1856.9	277.7	261.1	32.05	93	1		ALLbC44
All sites (ALL)	1298	0	17.6	8.2	24.0	22.1	24.4	49.4	65.6	99.4	202.4	366.3	685.0	1113.9	1551.2	2058.1	2694.7	3167.7	407.8	376.9	44.91	95	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, JAU (2005-2009)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	16	0	.	.	.	.	.	3.6	.	4.0	.	4.5	15.9	.	16.7	.	46.8	29.9	4.9	3.8	0.46	94	6	15	C00-14
Oesophagus (C15)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	8.4	9.8	.	.	0.6	0.6	0.09	100	0	23	C15
Stomach (C16)	28	0	.	.	.	.	.	.	.	.	.	8.9	10.6	13.2	25.1	19.5	46.8	97.2	8.6	6.1	0.62	96	0	11	C16
Colon (C18)	58	0	.	.	.	.	.	.	.	8.1	8.3	22.3	37.2	39.7	16.7	48.9	81.8	164.4	17.7	12.8	1.32	95	2		C18
Rectum (C19-20)	36	0	.	.	.	.	.	.	.	8.1	12.5	4.5	15.9	26.5	58.6	29.3	35.1	74.7	11.0	8.8	0.95	100	0		C19-20
Colorectal (C18-20)	94	0	.	.	.	.	.	.	.	16.1	20.8	26.8	53.2	66.1	75.3	78.2	116.9	239.1	28.8	21.6	2.27	97	1	2	C18-20
Anus (C21)	6	0	.	.	.	.	.	.	.	.	.	8.9	10.6	.	8.4	.	11.7	.	1.8	1.6	0.20	100	0	19	C21
Colon, rectum and anus (C18-21)	100	0	.	.	.	.	.	.	.	16.1	20.8	35.7	63.8	66.1	83.7	78.2	128.6	239.1	30.6	23.2	2.47	97	1		C18-21
Liver (C22)	2	0	.	.	.	.	.	.	.	.	.	4.5	.	6.6	.	.	.	.	0.6	0.5	0.06	100	0	24	C22
Gallbladder (C23-24)	9	0	.	.	.	.	.	.	.	.	.	8.9	.	6.6	.	9.8	11.7	29.9	2.8	1.9	0.19	78	11	18	C23-24
Pancreas (C25)	24	0	.	.	.	.	.	.	.	.	.	4.5	15.9	6.6	8.4	29.3	70.1	67.3	7.3	5.3	0.67	71	0	13	C25
Nose, sinuses (C30-31)	3	0	.	.	.	.	.	.	.	4.0	.	.	5.3	.	8.4	.	.	.	0.9	0.8	0.09	100	0	22	C30-31
Larynx (C32)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	9.8	.	7.5	0.6	0.4	0.05	100	0	25	C32
Lung, trachea and bronchus (C33-34)	30	0	.	.	.	.	.	.	.	8.1	8.3	.	26.6	33.1	41.9	29.3	23.4	44.8	9.2	7.6	0.85	70	3	7	C33-34
Melanoma of skin (C43)	29	0	.	.	.	3.7	3.6	.	.	4.0	12.5	8.9	21.3	13.2	25.1	39.1	.	59.8	8.9	7.1	0.66	100	0	8	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26.5	C46
Breast (C50)	174	0	.	.	.	.	.	.	7.8	36.3	87.2	98.2	69.1	119.1	217.6	127.0	210.4	239.1	53.2	43.5	4.86	99	0	1	C50
Cervix uteri (C53)	37	0	.	.	.	.	3.6	.	7.8	8.1	41.5	13.4	15.9	19.8	8.4	48.9	35.1	29.9	11.3	9.2	1.01	97	0	5	C53
Corpus uteri (C54)	44	0	.	.	.	.	.	.	.	.	4.2	13.4	15.9	39.7	41.9	97.7	70.1	74.7	13.5	10.9	1.41	98	0	4	C54
Ovary (C56)	26	0	.	.	.	.	3.6	.	3.9	4.0	16.6	17.9	15.9	19.8	8.4	9.8	35.1	29.9	8.0	6.4	0.68	100	0	10	C56
Kidney (C64)	12	0	.	.	.	3.7	.	.	.	.	4.2	8.9	5.3	.	8.4	29.3	11.7	14.9	3.7	3.1	0.36	92	0	16	C64
Bladder (C67)	11	0	.	.	.	.	.	.	.	.	.	.	5.3	6.6	.	9.8	23.4	44.8	3.4	2.2	0.23	91	9	17	C67
Brain, CNS (C70-72)	17	0	4.6	.	4.1	.	3.6	.	.	.	.	4.5	10.6	13.2	8.4	9.8	23.4	37.4	5.2	4.4	0.41	53	0	14	C70-72
Thyroid (C73)	44	0	.	.	.	7.5	3.6	7.2	15.6	12.1	24.9	31.3	21.3	59.5	25.1	.	11.7	14.9	13.5	11.6	1.10	100	0	3	C73
Hodgkin disease (C81)	3	0	.	.	4.1	.	7.2	.	.	.	.	.	.	.	.	.	.	.	0.9	0.9	0.06	100	0	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	22	0	4.6	.	4.1	.	7.2	.	.	.	4.2	8.9	5.3	6.6	16.7	9.8	58.4	37.4	6.7	5.7	0.63	100	0	12	C82-85;C96
Multiple myeloma (C88-C90)	6	0	.	.	.	.	3.6	.	.	.	.	.	.	6.6	.	9.8	11.7	14.9	1.8	1.4	0.16	100	0	20	C88-C90
Lymphoid leukaemia (C91)	9	0	4.6	8.4	.	.	.	.	.	.	.	4.5	.	.	.	19.5	.	22.4	2.8	2.7	0.19	100	0		C91
Myeloid leukaemia (C92-94)	15	0	.	.	.	.	.	.	3.9	.	.	4.5	5.3	13.2	8.4	39.1	11.7	29.9	4.6	3.6	0.43	100	0		C92-94
Leukaemia unspecified (C95)	1	0	.	4.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.3	0.4	0.02	100	0		C95
Leukaemia (C91-95)	25	0	4.6	12.7	.	.	.	.	3.9	.	.	8.9	5.3	13.2	8.4	58.6	11.7	52.3	7.6	6.8	0.64	100	0	9	C91-95
Other and unspecified (O&U)	36	0	.	.	.	.	3.6	3.6	3.9	4.0	.	13.4	15.9	19.8	16.7	39.1	58.4	89.7	11.0	8.3	0.89	75	0	6	O&U
All sites but C44 (ALLbC44)	747	0	13.7	16.9	24.6	18.7	36.2	25.3	46.9	109.0	228.4	308.1	350.8	489.5	611.1	713.3	946.8	1360.1	228.5	182.8	19.70	94	1		ALLbC44
All sites (ALL)	1159	0	13.7	16.9	24.6	22.5	36.2	43.4	54.7	149.3	332.2	424.2	515.6	773.9	1012.9	1123.7	1484.5	2354.1	354.5	279.3	30.14	96	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

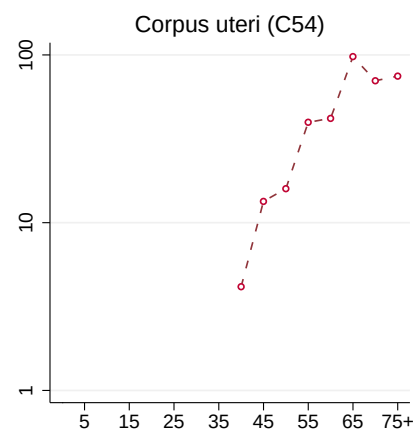
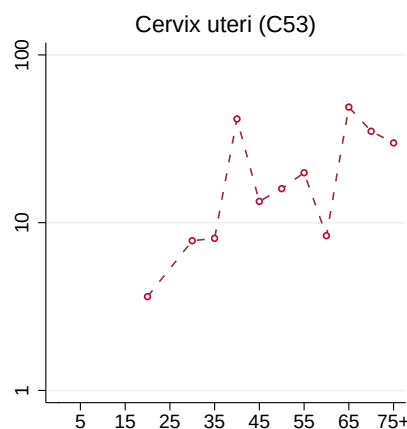
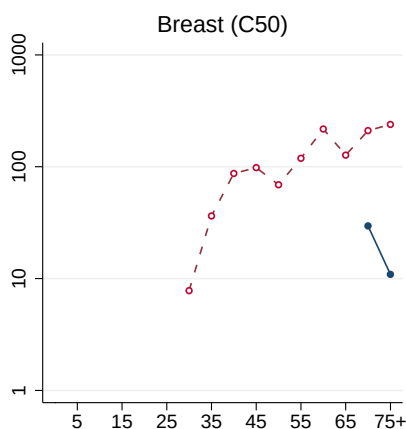
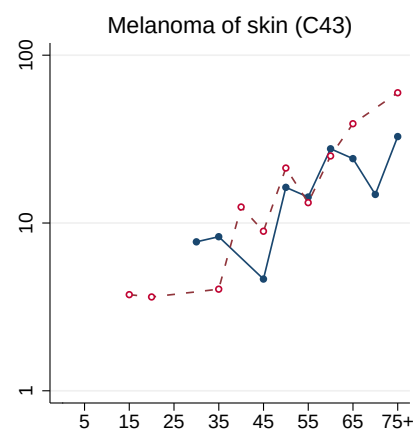
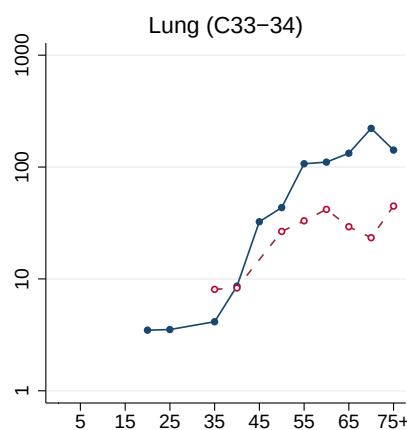
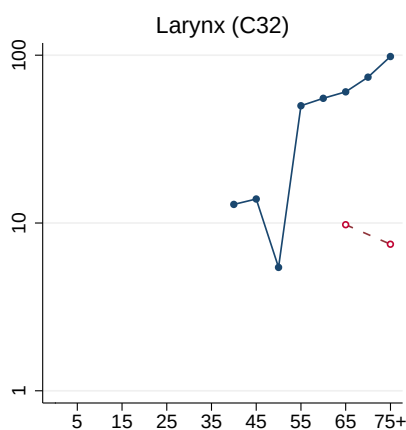
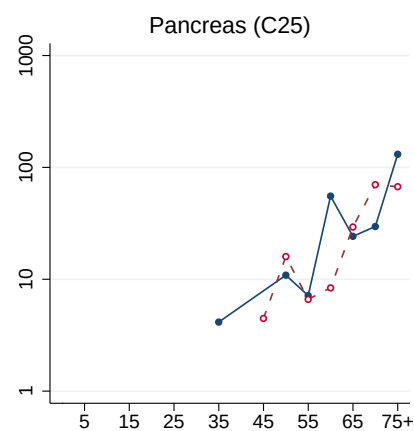
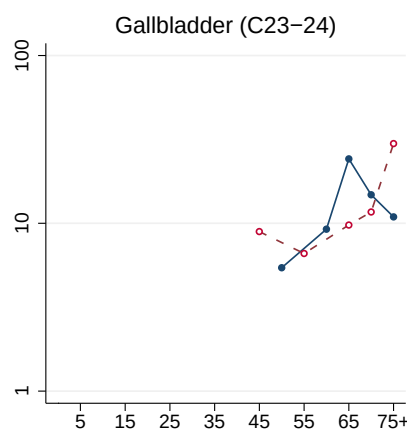
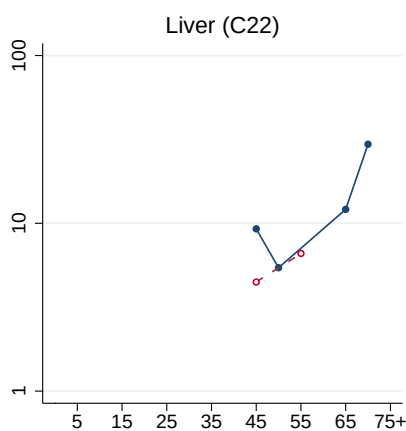
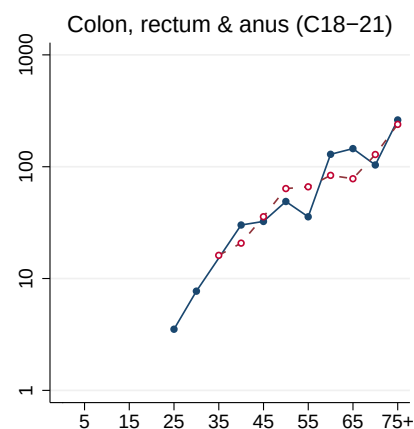
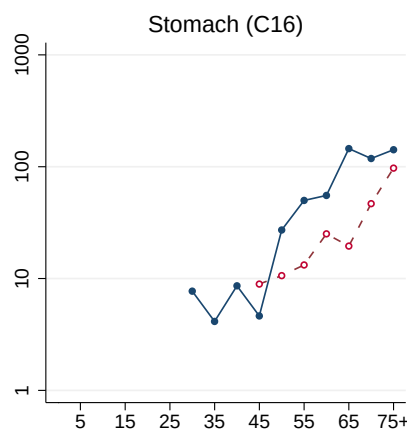
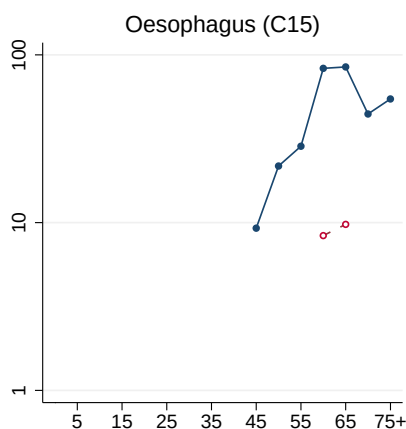
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

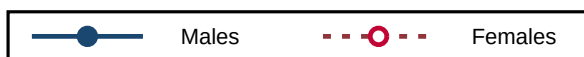
BRAZIL, JAU (2005–2009)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



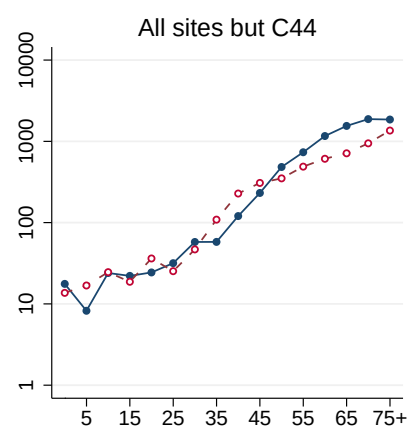
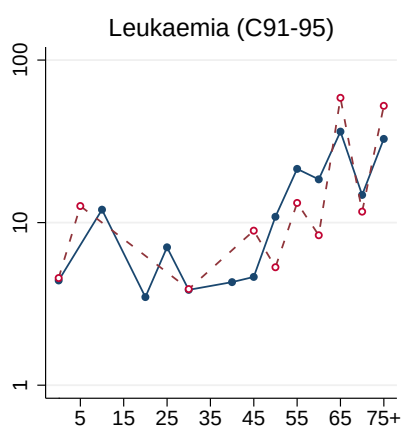
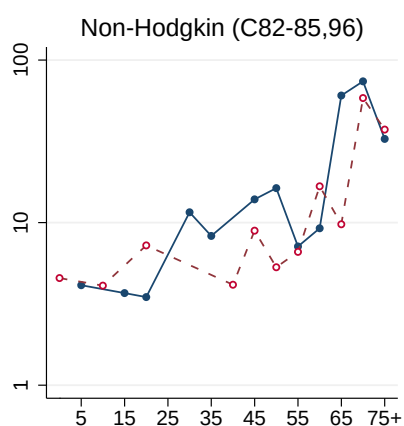
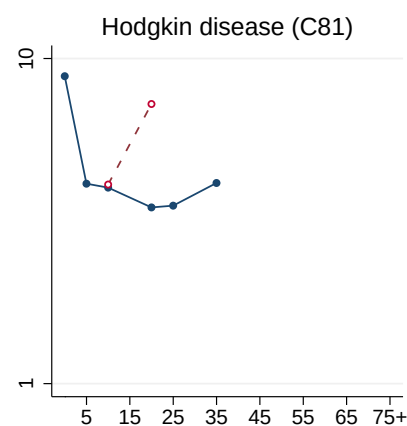
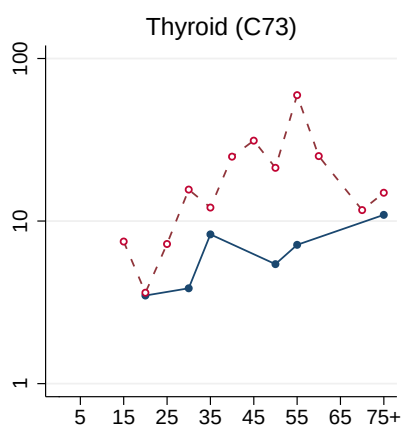
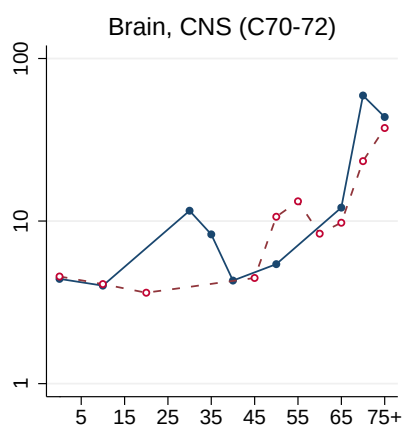
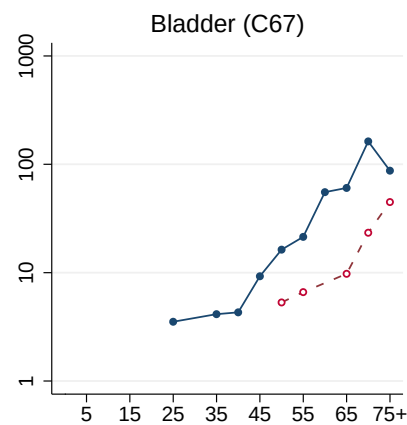
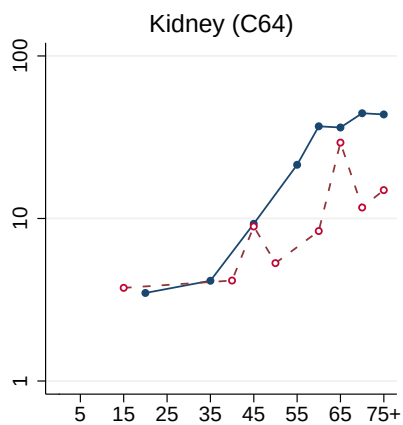
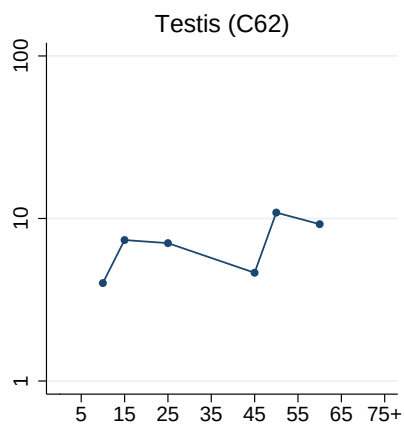
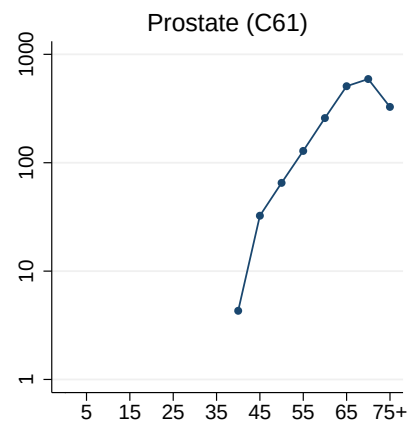
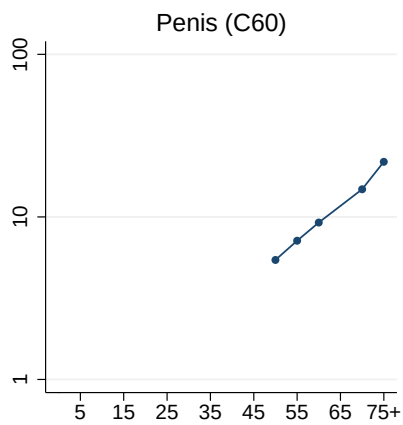
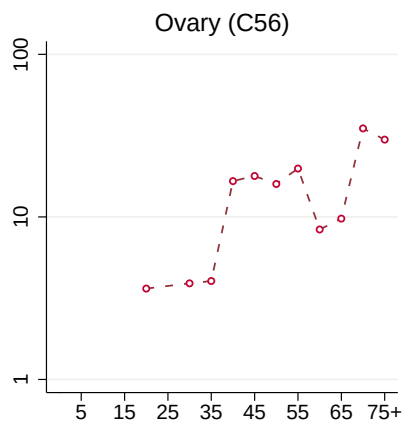
Age in Years



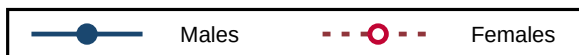
BRAZIL, JAU (2005-2009)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



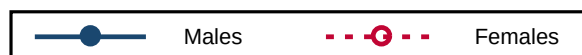
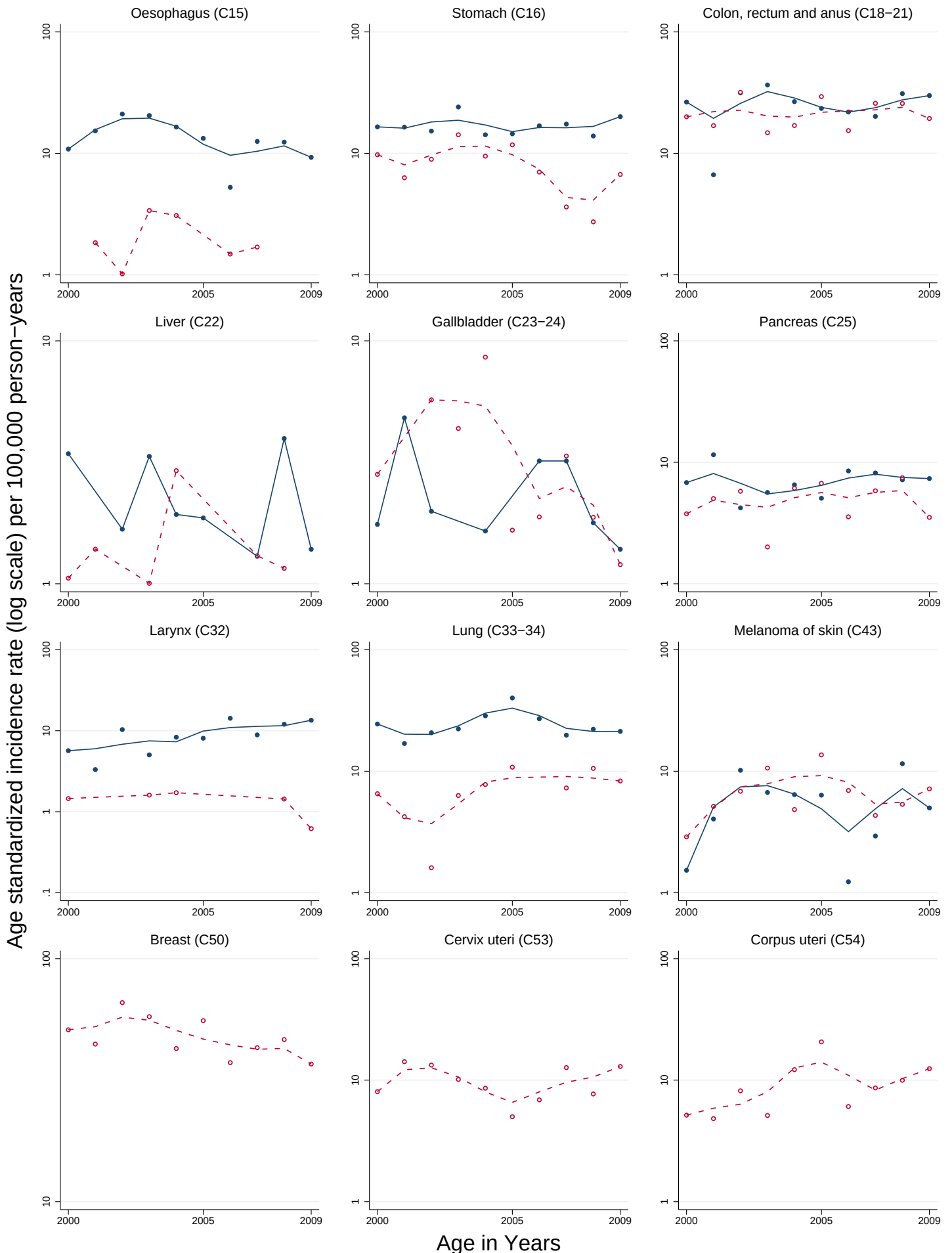
Age in Years



BRAZIL, JAU (2000–2009)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

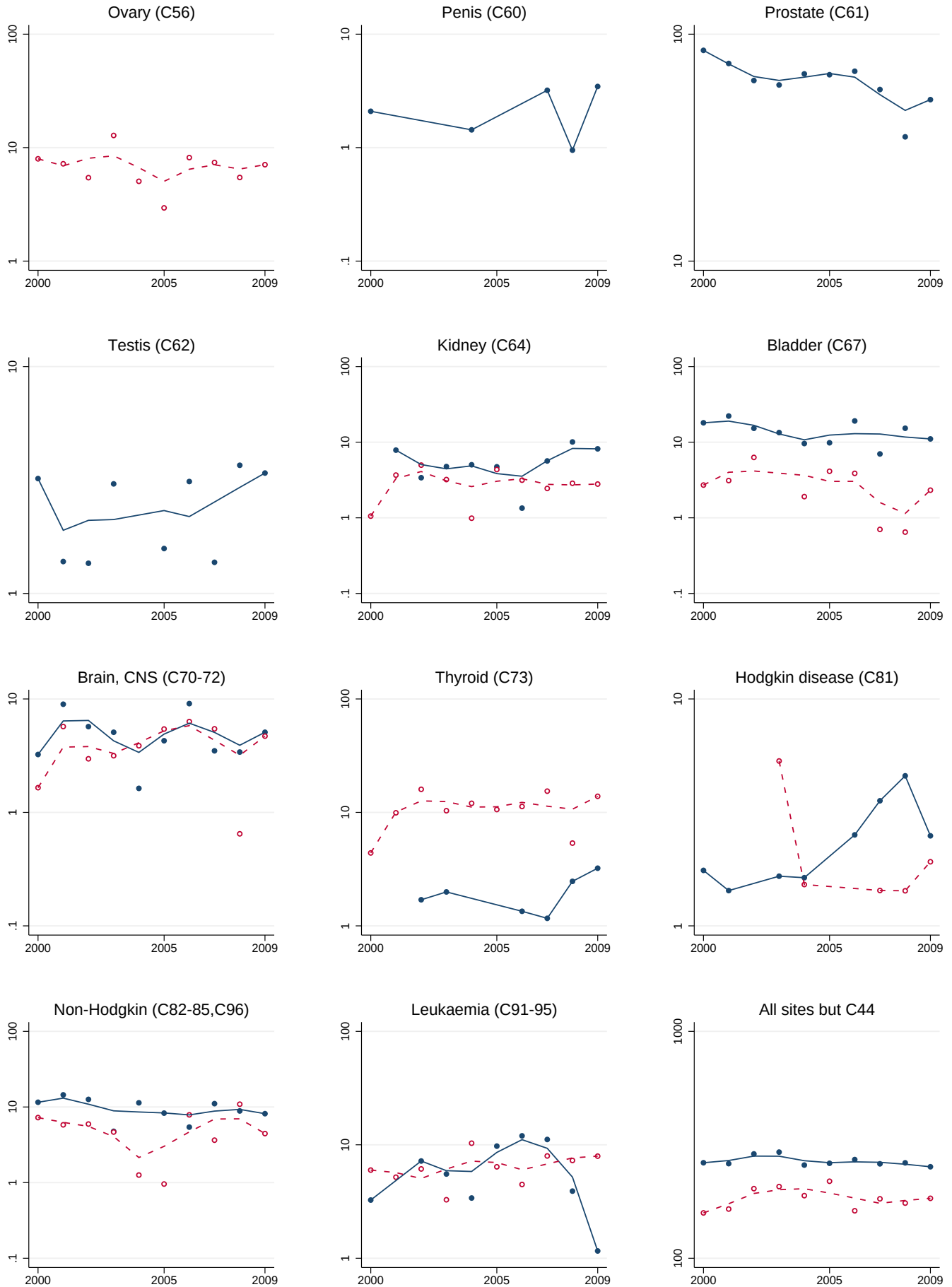


BRAZIL, JAU (2000-2009)

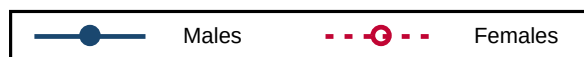
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

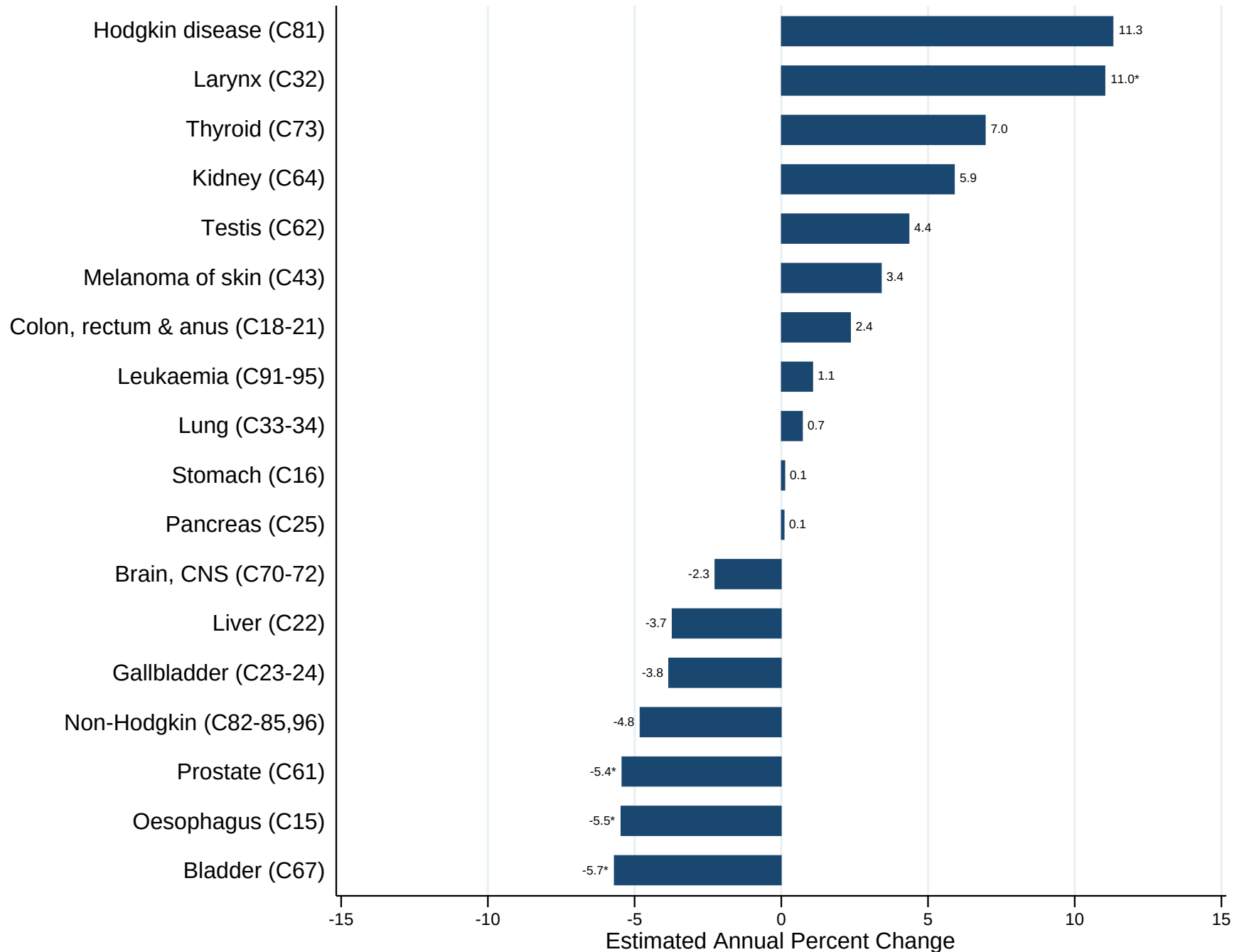


Age in Years



BRAZIL, JAU (2000-2009)

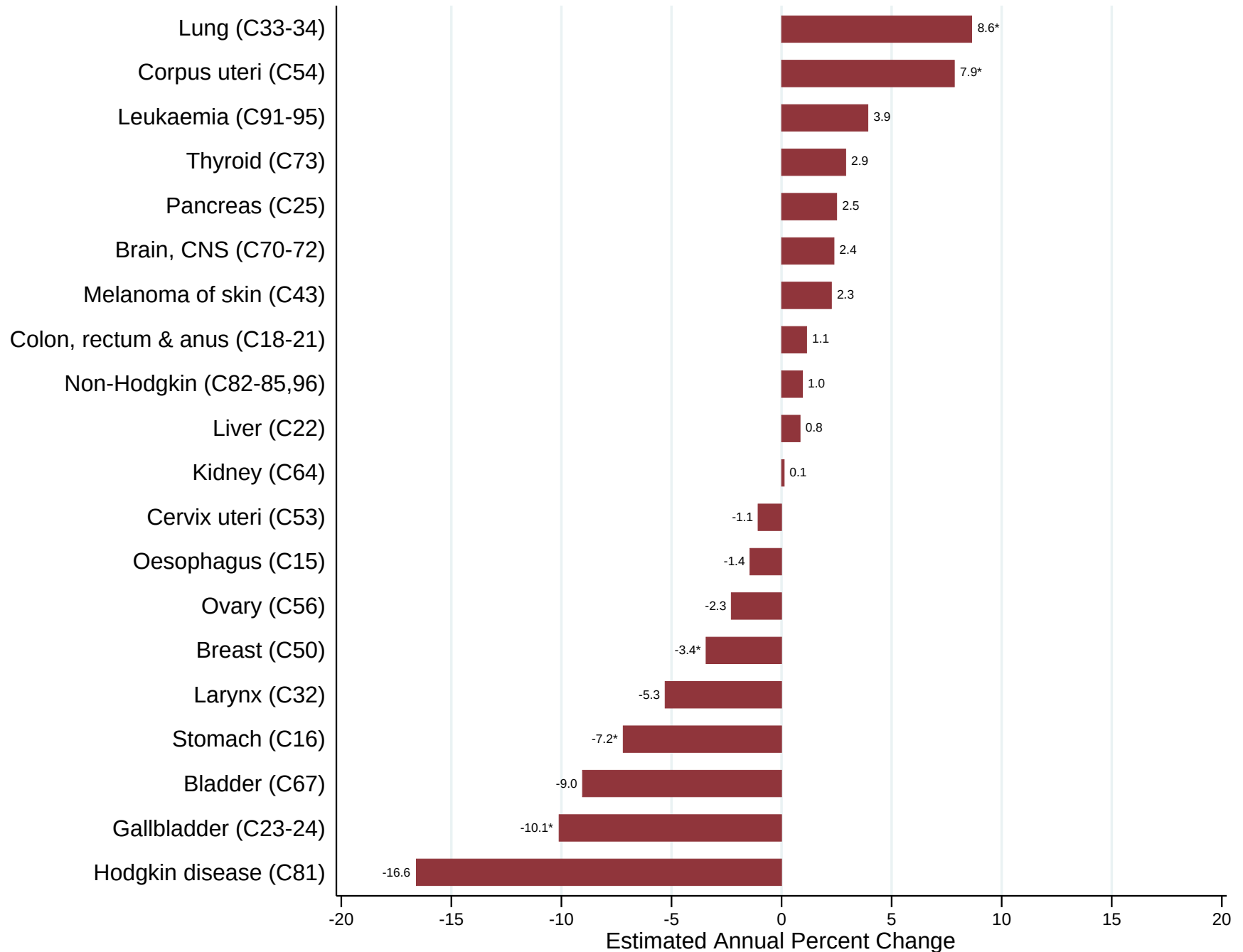
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, JAU (2000-2009)

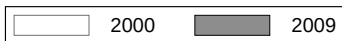
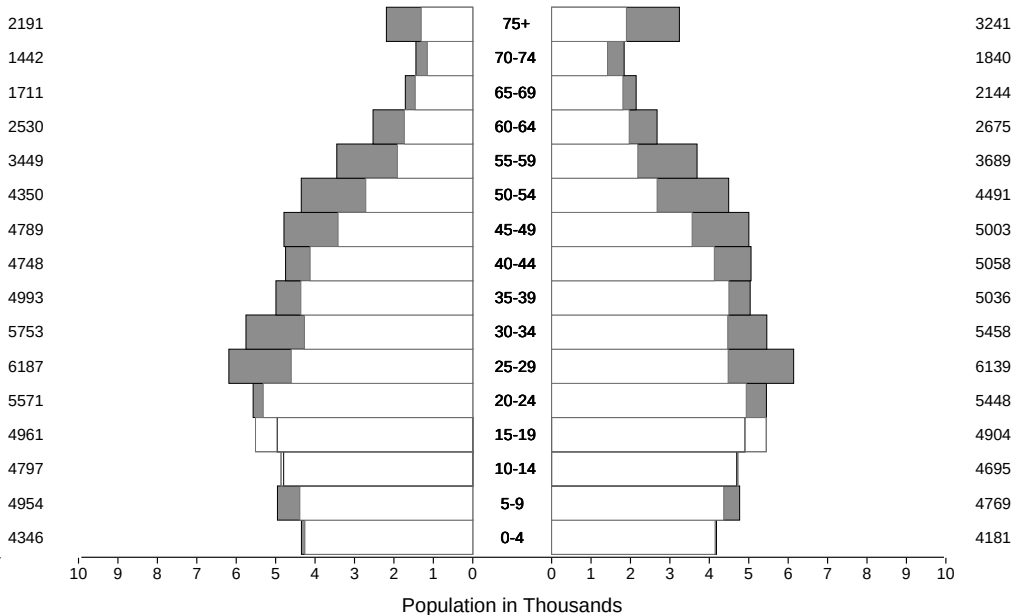
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, JAU (2000-2009)

Population Pyramid by Age



Registry Summary Tables and Figures

BRAZIL, JOÃO PESSOA (2003–2006)

Registry Director*: Dr Josefa Angela Pontes de Aquino

Registry Staff*: Derson de Lima Dantas, Gerlane Carvalho de Oliveira, Helemário José Pacheco de França Filho, Luis Rodrigo Gomes Brandão, Osmaldo Barbosa de Miranda, Vanja Raquel Vasconcelos de Souza Lemos

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, JOÃO PESSOA (2003-2006)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR				TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	42 (11.0)	43 (8.7)	49 (9.4)	42 (7.8)	176 (9.1)
Digestive organs (C15-C26)	73 (19.2)	95 (19.3)	79 (15.2)	103 (19.0)	350 (18.1)
Respiratory organs (C30-C39)	43 (11.3)	55 (11.2)	59 (11.3)	66 (12.2)	223 (11.5)
Bone, cartilage, and skin (C40-C44)	41 (10.8)	61 (12.4)	58 (11.1)	67 (12.4)	227 (11.7)
Breast (C50)	0 (0.0)	1 (0.2)	4 (0.8)	1 (0.2)	6 (0.3)
Male genitalia (C60-C63)	97 (25.5)	139 (28.2)	143 (27.4)	126 (23.3)	505 (26.1)
Urinary organs (C64-C68)	21 (5.5)	15 (3.0)	29 (5.6)	21 (3.9)	86 (4.4)
Eye, brain, and thyroid (C69-C75)	11 (2.9)	15 (3.0)	14 (2.7)	23 (4.3)	63 (3.3)
Hematopoietic (C81-C96)	33 (8.7)	41 (8.3)	54 (10.4)	61 (11.3)	189 (9.8)
Other and unspecified	20 (5.2)	28 (5.7)	32 (6.1)	31 (5.7)	111 (5.7)
All sites	381 (100.0)	493 (100.0)	521 (100.0)	541 (100.0)	1936 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	7 (1.2)	10 (1.5)	15 (2.3)	7 (0.9)	39 (1.5)
Digestive organs (C15-C26)	79 (13.8)	84 (12.9)	100 (15.2)	131 (17.1)	394 (14.9)
Respiratory organs (C30-C39)	20 (3.5)	21 (3.2)	27 (4.1)	34 (4.5)	102 (3.9)
Bone, cartilage, and skin (C40-C44)	43 (7.5)	62 (9.5)	42 (6.4)	74 (9.7)	221 (8.4)
Breast (C50)	181 (31.6)	215 (33.0)	204 (31.1)	220 (28.8)	820 (31.0)
Female genitalia (C51-C58)	125 (21.9)	136 (20.9)	145 (22.1)	164 (21.5)	570 (21.6)
Urinary organs (C64-C68)	13 (2.3)	9 (1.4)	10 (1.5)	4 (0.5)	36 (1.4)
Eye, brain, and thyroid (C69-C75)	30 (5.2)	41 (6.3)	39 (5.9)	44 (5.8)	154 (5.8)
Hematopoietic (C81-C96)	41 (7.2)	46 (7.1)	41 (6.3)	45 (5.9)	173 (6.5)
Other and unspecified	33 (5.8)	28 (4.3)	33 (5.0)	41 (5.4)	135 (5.1)
All sites	572 (100.0)	652 (100.0)	656 (100.0)	764 (100.0)	2644 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	49 (5.1)	53 (4.6)	64 (5.4)	49 (3.8)	215 (4.7)
Digestive organs (C15-C26)	152 (15.9)	179 (15.6)	179 (15.2)	234 (17.9)	744 (16.2)
Respiratory organs (C30-C39)	63 (6.6)	76 (6.6)	86 (7.3)	100 (7.7)	325 (7.1)
Bone, cartilage, and skin (C40-C44)	84 (8.8)	123 (10.7)	100 (8.5)	141 (10.8)	448 (9.8)
Urinary organs (C64-C68)	34 (3.6)	24 (2.1)	39 (3.3)	25 (1.9)	122 (2.7)
Eye, brain, and thyroid (C69-C75)	41 (4.3)	56 (4.9)	53 (4.5)	67 (5.1)	217 (4.7)
Hematopoietic (C81-C96)	74 (7.8)	87 (7.6)	95 (8.1)	106 (8.1)	362 (7.9)
Other and unspecified	53 (5.6)	56 (4.9)	65 (5.5)	72 (5.5)	246 (5.4)
All sites	953 (100.0)	1145 (100.0)	1177 (100.0)	1305 (100.0)	4580 (100.0)

BRAZIL, JOÃO PESSOA (2003-2006)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR				TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	20.5 (11.2)	19.8 (8.5)	23.1 (9.7)	18.7 (7.7)	20.6 (9.1)
Digestive organs (C15-C26)	34.1 (18.6)	46.1 (19.8)	36.2 (15.2)	47.6 (19.5)	41.1 (18.2)
Respiratory organs (C30-C39)	22.0 (12.0)	27.4 (11.7)	29.0 (12.2)	30.1 (12.4)	27.2 (12.1)
Bone, cartilage, and skin (C40-C44)	17.8 (9.7)	26.9 (11.5)	24.6 (10.3)	29.4 (12.1)	24.7 (11.0)
Breast (C50)	0 (0.0)	0.4 (0.2)	1.9 (0.8)	0.4 (0.2)	0.7 (0.3)
Male genitalia (C60-C63)	50.8 (27.7)	71.2 (30.5)	68.1 (28.6)	58.4 (24.0)	62.2 (27.6)
Urinary organs (C64-C68)	10.1 (5.5)	7.0 (3.0)	13.9 (5.8)	9.2 (3.8)	10.1 (4.5)
Eye, brain, and thyroid (C69-C75)	4.7 (2.6)	6.2 (2.6)	5.2 (2.2)	9.3 (3.8)	6.4 (2.8)
Hematopoietic (C81-C96)	13.8 (7.5)	16.2 (6.9)	22.2 (9.3)	26.3 (10.8)	19.7 (8.8)
Other and unspecified	9.2 (5.0)	12.3 (5.3)	14.1 (5.9)	14.0 (5.8)	12.5 (5.5)
All sites	183.0 (100.0)	233.4 (100.0)	238.2 (100.0)	243.7 (100.0)	225.1 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	2.6 (1.4)	3.4 (1.6)	4.6 (2.3)	2.2 (0.9)	3.2 (1.5)
Digestive organs (C15-C26)	26.0 (13.9)	28.4 (13.6)	30.0 (14.8)	38.4 (16.7)	30.8 (14.9)
Respiratory organs (C30-C39)	6.7 (3.6)	6.9 (3.3)	9.3 (4.6)	10.6 (4.6)	8.4 (4.1)
Bone, cartilage, and skin (C40-C44)	13.6 (7.3)	18.6 (8.9)	11.9 (5.9)	21.3 (9.3)	16.4 (7.9)
Breast (C50)	60.2 (32.2)	68.5 (32.9)	64.3 (31.9)	67.5 (29.4)	65.2 (31.5)
Female genitalia (C51-C58)	39.3 (21.0)	44.1 (21.2)	44.8 (22.2)	49.9 (21.7)	44.6 (21.6)
Urinary organs (C64-C68)	4.3 (2.3)	2.9 (1.4)	3.2 (1.6)	1.1 (0.5)	2.8 (1.4)
Eye, brain, and thyroid (C69-C75)	9.8 (5.3)	12.7 (6.1)	10.9 (5.4)	12.8 (5.6)	11.6 (5.6)
Hematopoietic (C81-C96)	14.1 (7.5)	14.5 (7.0)	12.9 (6.4)	13.6 (5.9)	13.8 (6.6)
Other and unspecified	10.4 (5.6)	8.1 (3.9)	10.0 (4.9)	12.3 (5.4)	10.2 (4.9)
All sites	186.9 (100.0)	208.2 (100.0)	201.9 (100.0)	229.7 (100.0)	207.0 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	10.0 (5.4)	10.1 (4.7)	12.3 (5.7)	9.0 (3.9)	10.3 (4.9)
Digestive organs (C15-C26)	29.1 (15.9)	35.4 (16.5)	32.4 (15.1)	41.8 (18.1)	34.8 (16.5)
Respiratory organs (C30-C39)	12.9 (7.0)	15.0 (7.0)	17.4 (8.1)	18.6 (8.0)	16.0 (7.6)
Bone, cartilage, and skin (C40-C44)	15.4 (8.4)	21.8 (10.1)	17.1 (8.0)	24.6 (10.6)	19.8 (9.3)
Urinary organs (C64-C68)	6.6 (3.6)	4.4 (2.1)	7.4 (3.5)	4.4 (1.9)	5.7 (2.7)
Eye, brain, and thyroid (C69-C75)	7.6 (4.2)	10.1 (4.7)	8.4 (3.9)	11.0 (4.8)	9.3 (4.4)
Hematopoietic (C81-C96)	14.2 (7.7)	15.5 (7.2)	16.8 (7.9)	18.6 (8.0)	16.3 (7.7)
Other and unspecified	9.9 (5.4)	9.7 (4.5)	11.8 (5.5)	12.9 (5.6)	11.1 (5.3)
All sites	183.1 (100.0)	215.2 (100.0)	214.0 (100.0)	231.6 (100.0)	211.4 (100.0)

BRAZIL, JOÃO PESSOA (2003-2006)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	176	0	.	.	.	.	0.8	.	1.0	7.7	10.9	37.5	52.1	70.6	98.4	108.4	97.6	125.0	14.5	20.6	2.42	99	0	2	C00-14
Oesophagus (C15)	44	0	.	.	.	.	.	.	.	.	.	1.7	6.3	26.5	18.2	32.5	34.8	69.4	3.6	5.3	0.60	98	0	11	C15
Stomach (C16)	136	1	.	.	.	.	.	1.0	4.0	6.6	6.8	18.7	8.3	47.0	58.3	97.6	153.3	148.1	11.2	16.0	2.02	96	1	4	C16
Colon (C18)	48	0	.	.	.	.	1.6	.	1.0	1.1	4.1	17.0	4.2	17.6	14.6	16.3	83.6	18.5	3.9	5.5	0.81	96	0		C18
Rectum (C19-20)	28	0	.	.	.	.	.	1.0	.	1.1	4.1	5.1	2.1	11.8	10.9	32.5	13.9	18.5	2.3	3.3	0.41	96	0		C19-20
Colorectal (C18-20)	76	0	.	.	.	.	1.6	1.0	1.0	2.2	8.2	22.1	6.3	29.4	25.5	48.8	97.6	37.0	6.3	8.9	1.22	96	0	7	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	2.2	.	.	2.1	.	.	.	7.0	.	0.3	0.4	0.06	100	0	25	C21
Colon, rectum and anus (C18-21)	80	0	.	.	.	.	1.6	1.0	1.0	4.4	8.2	22.1	8.3	29.4	25.5	48.8	104.5	37.0	6.6	9.3	1.27	96	0		C18-21
Liver (C22)	22	0	0.9	.	.	.	.	.	1.0	2.2	1.4	3.4	2.1	5.9	18.2	16.3	13.9	9.3	1.8	2.6	0.33	86	0	16	C22
Gallbladder (C23-24)	10	0	.	.	.	.	.	.	.	.	1.4	.	4.2	2.9	3.6	5.4	7.0	13.9	0.8	1.1	0.12	90	0	20	C23-24
Pancreas (C25)	37	0	.	.	.	.	.	.	.	1.1	4.1	10.2	2.1	8.8	29.2	32.5	13.9	32.4	3.0	4.4	0.51	78	5	13	C25
Nose, sinuses (C30-31)	5	0	.	.	.	.	.	.	.	.	1.4	1.7	.	.	3.6	.	7.0	4.6	0.4	0.6	0.07	100	0	24	C30-31
Larynx (C32)	73	0	.	.	.	.	.	.	.	1.1	2.7	13.6	12.5	47.0	36.5	43.4	90.6	41.7	6.0	9.0	1.24	99	0	6	C32
Lung, trachea and bronchus (C33-34)	140	0	.	.	.	.	.	.	1.0	2.2	4.1	11.9	33.4	64.7	80.2	135.5	97.6	129.6	11.5	17.2	2.15	93	1	3	C33-34
Melanoma of skin (C43)	18	0	.	0.8	0.8	.	.	.	2.0	.	2.7	1.7	2.1	.	7.3	5.4	7.0	27.8	1.5	1.8	0.15	100	0	18	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	1.0	.	.	1.4	.	.	.	.	.	.	.	0.2	0.2	0.01	100	0	26	C46
Breast (C50)	6	0	.	.	.	.	.	.	.	.	.	.	4.2	.	.	.	13.9	9.3	0.5	0.7	0.09	100	0	22	C50
Penis (C60)	17	0	.	.	.	.	.	.	.	2.2	4.1	1.7	2.1	2.9	7.3	16.3	7.0	13.9	1.4	1.9	0.22	100	0	17	C60
Prostate (C61)	473	0	.	.	.	.	.	.	.	.	.	3.4	33.4	120.5	247.9	552.8	487.8	805.4	38.9	59.1	7.23	99	0	1	C61
Testis (C62)	14	0	0.9	.	.	2.2	1.6	1.9	1.0	1.1	2.7	.	2.1	.	3.6	.	.	.	1.2	1.1	0.09	100	0	21	C62
Kidney (C64)	24	0	1.7	.	.	.	0.8	1.0	.	1.1	2.7	6.8	2.1	5.9	7.3	21.7	20.9	4.6	2.0	2.8	0.36	92	0	15	C64
Bladder (C67)	54	0	.	.	.	.	.	1.0	.	1.1	1.4	5.1	10.4	17.6	18.2	43.4	69.7	64.8	4.4	6.5	0.84	96	2	10	C67
Brain, CNS (C70-72)	50	0	5.2	1.7	0.8	0.7	1.6	1.9	5.1	3.3	5.4	5.1	8.3	5.9	18.2	27.1	7.0	18.5	4.1	5.0	0.49	92	0	12	C70-72
Thyroid (C73)	6	0	.	.	.	0.7	.	.	.	1.1	.	1.7	2.1	2.9	3.6	.	.	.	0.5	0.6	0.06	100	0	23	C73
Hodgkin disease (C81)	20	0	.	.	3.1	2.2	0.8	1.9	2.0	2.2	.	3.4	.	.	3.6	5.4	.	9.3	1.6	1.6	0.12	100	0	19	C81
Non-Hodgkin lymphoma (C82-85,C96)	68	0	2.6	1.7	.	3.6	0.8	2.9	6.1	3.3	6.8	11.9	12.5	5.9	29.2	32.5	34.8	27.8	5.6	7.0	0.77	99	0	9	C82-85,C96
Multiple myeloma (C88-C90)	27	0	.	.	.	.	.	.	.	1.1	2.7	3.4	14.6	11.8	14.6	27.1	7.0	4.6	2.2	3.3	0.41	96	0	14	C88-C90
Lymphoid leukaemia (C91)	41	0	2.6	2.5	0.8	3.6	3.2	.	.	1.1	1.4	1.7	2.1	8.8	18.2	10.8	20.9	37.0	3.4	4.1	0.39	95	0		C91
Myeloid leukaemia (C92-94)	29	0	1.7	0.8	.	0.7	0.8	.	1.0	3.3	2.7	1.7	4.2	2.9	10.9	37.9	13.9	9.3	2.4	3.3	0.41	97	0		C92-94
Leukaemia unspecified (C95)	4	0	0.9	.	.	.	0.8	1.0	.	.	.	.	.	.	.	.	.	4.6	0.3	0.3	0.01	100	0		C95
Leukaemia (C91-95)	74	0	5.2	3.4	0.8	4.4	4.8	1.0	1.0	4.4	4.1	3.4	6.3	11.8	29.2	48.8	34.8	50.9	6.1	7.8	0.82	96	0	8	C91-95
Other and unspecified (O&U)	91	0	0.9	.	.	.	.	2.9	1.0	3.3	6.8	10.2	18.8	29.4	40.1	75.9	83.6	74.1	7.5	10.8	1.36	95	1	5	O&U
All sites but C44 (ALLbC44)	1759	1	22.6	10.1	8.5	22.6	18.4	20.3	30.4	51.4	89.8	197.5	262.8	529.2	809.4	1409.1	1414.7	1777.4	144.7	204.7	24.50	97	0		ALLbC44
All sites (ALL)	1936	3	22.6	10.1	8.5	23.3	19.2	21.3	31.4	62.3	103.5	212.9	289.9	590.9	867.7	1544.6	1582.0	1976.4	159.3	225.1	26.99	97	0		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, JOÃO PESSOA (2003-2006)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10	
Lip, oral cavity, and pharynx (C00-14)	39	0	.	.	.	0.7	0.7	.	.	0.9	1.1	1.4	5.0	18.2	10.1	24.3	12.3	24.3	2.8	3.2	0.37	97	0	14	C00-14	
Oesophagus (C15)	28	0	.	.	.	.	.	.	.	1.8	1.1	2.7	1.7	9.1	7.6	17.3	8.2	21.6	2.0	2.2	0.25	96	4	17	C15	
Stomach (C16)	87	0	.	.	.	0.7	0.8	0.8	3.4	2.8	8.0	12.4	20.0	15.9	25.3	27.7	20.5	53.9	6.3	6.7	0.69	92	1	8	C16	
Colon (C18)	77	1	.	.	.	.	.	0.8	0.9	0.9	2.3	11.0	10.0	13.6	30.4	48.5	28.7	48.5	5.6	6.3	0.75	99	0		C18	
Rectum (C19-20)	60	0	.	.	.	.	.	1.6	2.6	3.7	4.6	4.1	5.0	13.6	17.7	34.6	32.8	27.0	4.3	4.8	0.60	97	0		C19-20	
Colorectal (C18-20)	137	1	.	.	.	.	.	2.5	3.4	4.6	6.8	15.1	15.0	27.3	48.1	83.1	61.6	75.5	9.9	11.1	1.35	98	0	3	C18-20	
Anus (C21)	28	0	.	.	.	.	.	.	0.9	0.9	2.3	1.4	5.0	6.8	15.2	10.4	8.2	16.2	2.0	2.3	0.26	100	0	15	C21	
Colon, rectum and anus (C18-21)	165	1	.	.	.	.	.	2.5	4.3	5.5	9.1	16.5	20.0	34.1	63.2	93.5	69.8	91.7	11.9	13.3	1.60	98	0		C18-21	
Liver (C22)	22	0	.	.	.	0.7	0.7	.	0.9	.	1.1	1.4	10.0	2.3	5.1	3.5	4.1	18.9	1.6	1.6	0.14	91	0	20	C22	
Gallbladder (C23-24)	23	0	.	.	.	.	.	.	0.9	1.8	.	1.4	1.7	4.5	2.5	17.3	16.4	16.2	1.7	1.8	0.23	91	0	19	C23-24	
Pancreas (C25)	45	0	.	.	.	1.4	1.4	.	0.9	1.8	2.3	2.7	1.7	4.5	17.7	17.3	24.6	40.5	3.2	3.4	0.38	84	2	13	C25	
Nose, sinuses (C30-31)	3	0	.	.	.	.	.	.	.	.	.	.	1.7	.	.	.	.	5.4	0.2	0.2	0.01	100	0	25	C30-31	
Larynx (C32)	10	0	.	.	.	.	.	0.8	.	.	.	.	.	4.5	5.1	10.4	.	5.4	0.7	0.9	0.10	90	0	23	C32	
Lung, trachea and bronchus (C33-34)	82	0	.	.	.	.	.	.	1.7	.	6.8	11.0	13.3	9.1	40.5	45.0	36.9	43.2	5.9	6.8	0.82	93	1	7	C33-34	
Melanoma of skin (C43)	27	0	.	.	.	0.7	0.8	.	.	2.8	2.3	6.9	3.3	11.4	7.6	3.5	8.2	5.4	1.9	2.1	0.24	96	0	18	C43	
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	.	27	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	.	27	C46
Breast (C50)	820	1	.	0.9	.	2.8	2.8	4.1	18.8	39.7	111.6	147.0	208.2	252.2	210.0	228.7	201.1	283.2	59.2	65.2	7.13	99	0	1	C50	
Cervix uteri (C53)	370	0	.	.	0.7	0.7	0.7	12.3	21.3	22.2	46.7	72.8	56.6	95.4	68.3	135.1	90.3	124.1	26.7	28.6	3.11	99	1	2	C53	
Corpus uteri (C54)	48	0	.	.	.	.	.	.	0.9	0.9	2.3	1.4	8.3	6.8	27.8	38.1	24.6	18.9	3.5	4.1	0.56	100	0	11	C54	
Ovary (C56)	88	0	.	0.9	0.8	1.4	1.4	3.3	1.7	4.6	5.7	12.4	21.7	11.4	17.7	52.0	32.8	29.7	6.4	7.0	0.83	92	0	6	C56	
Kidney (C64)	13	0	2.7	.	.	0.7	.	.	.	1.8	1.1	.	3.3	6.8	.	.	.	2.7	0.9	1.1	0.08	100	0	22	C64	
Bladder (C67)	18	0	.	.	.	.	.	.	.	.	.	1.4	.	6.8	2.5	6.9	16.4	18.9	1.3	1.4	0.17	100	0	21	C67	
Brain, CNS (C70-72)	44	0	0.9	0.9	4.7	2.0	0.7	1.6	0.9	1.8	2.3	4.1	6.7	11.4	10.1	13.9	8.2	8.1	3.2	3.5	0.35	84	2	12	C70-72	
Thyroid (C73)	103	0	.	.	0.8	.	5.0	3.3	6.8	11.1	17.1	20.6	16.7	18.2	25.3	10.4	12.3	18.9	7.4	7.6	0.74	100	0	5	C73	
Hodgkin disease (C81)	13	0	.	.	.	2.7	2.8	2.5	.	.	.	.	3.3	.	.	.	.	.	0.9	0.8	0.06	100	0	24	C81	
Non-Hodgkin lymphoma (C82-85;C96)	62	0	2.7	0.9	1.6	.	2.1	2.5	1.7	6.5	6.8	1.4	6.7	4.5	10.1	31.2	36.9	16.2	4.5	4.8	0.58	98	2	10	C82-85;C96	
Multiple myeloma (C88+C90)	27	0	.	.	.	.	.	.	.	.	1.1	1.4	1.7	13.6	12.6	6.9	20.5	16.2	1.9	2.2	0.29	96	4	16	C88+C90	
Lymphoid leukaemia (C91)	33	0	3.6	2.6	1.6	1.4	.	0.8	.	.	.	2.7	1.7	2.3	5.1	17.3	12.3	18.9	2.4	2.7	0.26	100	0		C91	
Myeloid leukaemia (C92-94)	35	0	0.9	0.9	.	0.7	.	.	1.7	1.8	1.1	2.7	.	9.1	10.1	27.7	16.4	13.5	2.5	2.9	0.37	100	0		C92-94	
Leukaemia unspecified (C95)	3	0	0.9	.	.	.	.	.	.	.	.	1.4	.	2.3	.	.	.	.	0.2	0.3	0.02	67	0		C95	
Leukaemia (C91-95)	71	0	5.4	3.4	1.6	2.0	.	0.8	1.7	1.8	1.1	6.9	1.7	13.6	15.2	45.0	28.7	32.4	5.1	5.9	0.65	99	0	9	C91-95	
Other and unspecified (O&U)	106	0	.	0.9	0.8	0.7	.	0.8	3.4	4.6	4.6	13.7	26.7	27.3	17.7	41.6	24.6	70.1	7.7	8.1	0.84	83	2	4	O&U	
All sites but C44 (ALLbC44)	2477	2	15.3	11.2	13.2	13.0	23.5	44.3	72.5	121.0	241.4	358.5	461.4	617.9	622.3	918.1	743.0	1057.2	178.9	194.7	21.40	97	1		ALLbC44	
All sites (ALL)	2644	4	15.3	12.0	13.2	13.0	23.5	45.9	75.1	125.7	252.8	372.3	478.0	656.5	650.1	970.1	825.1	1221.7	190.9	207.0	22.68	97	0		ALL	

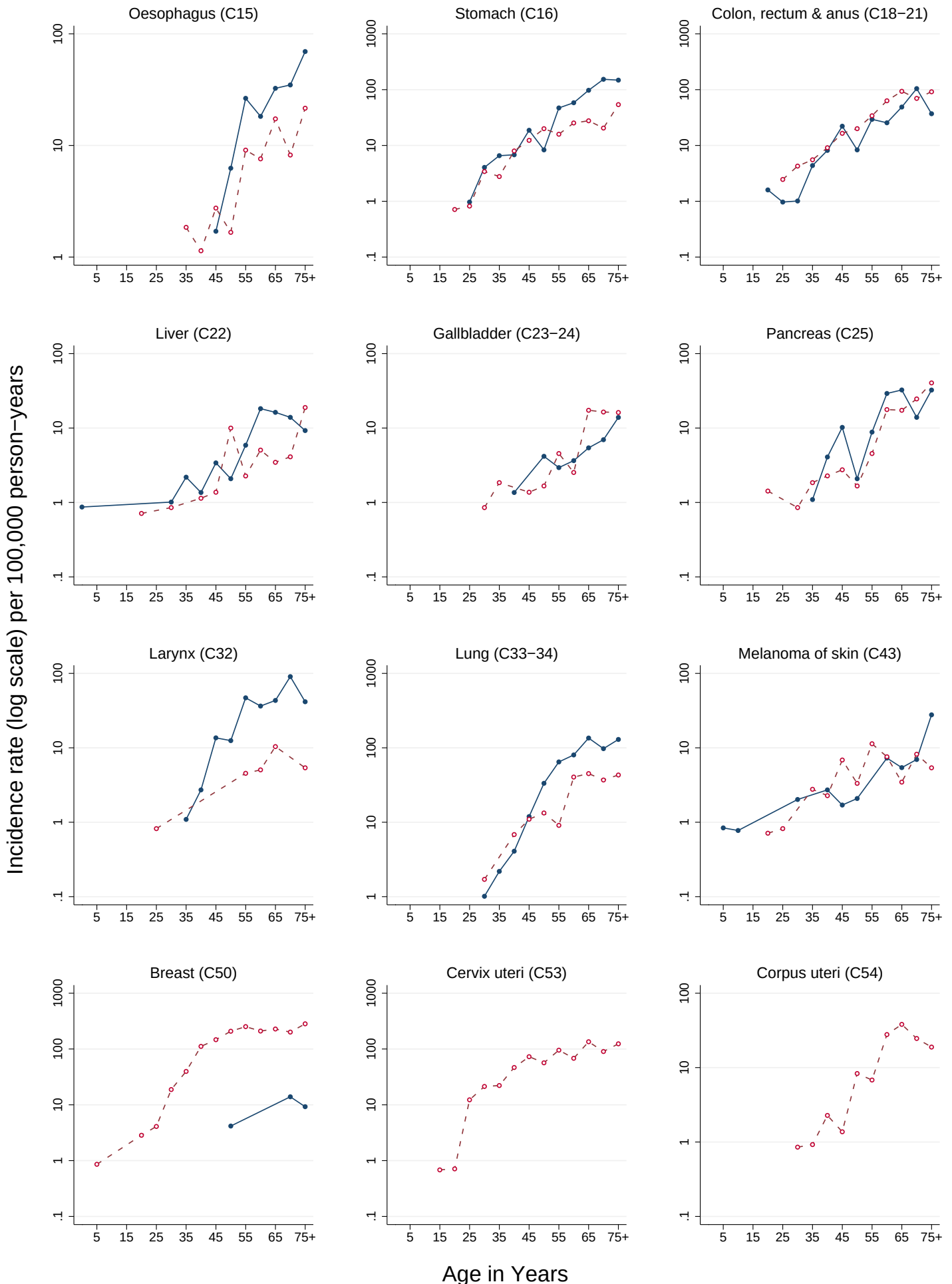
UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

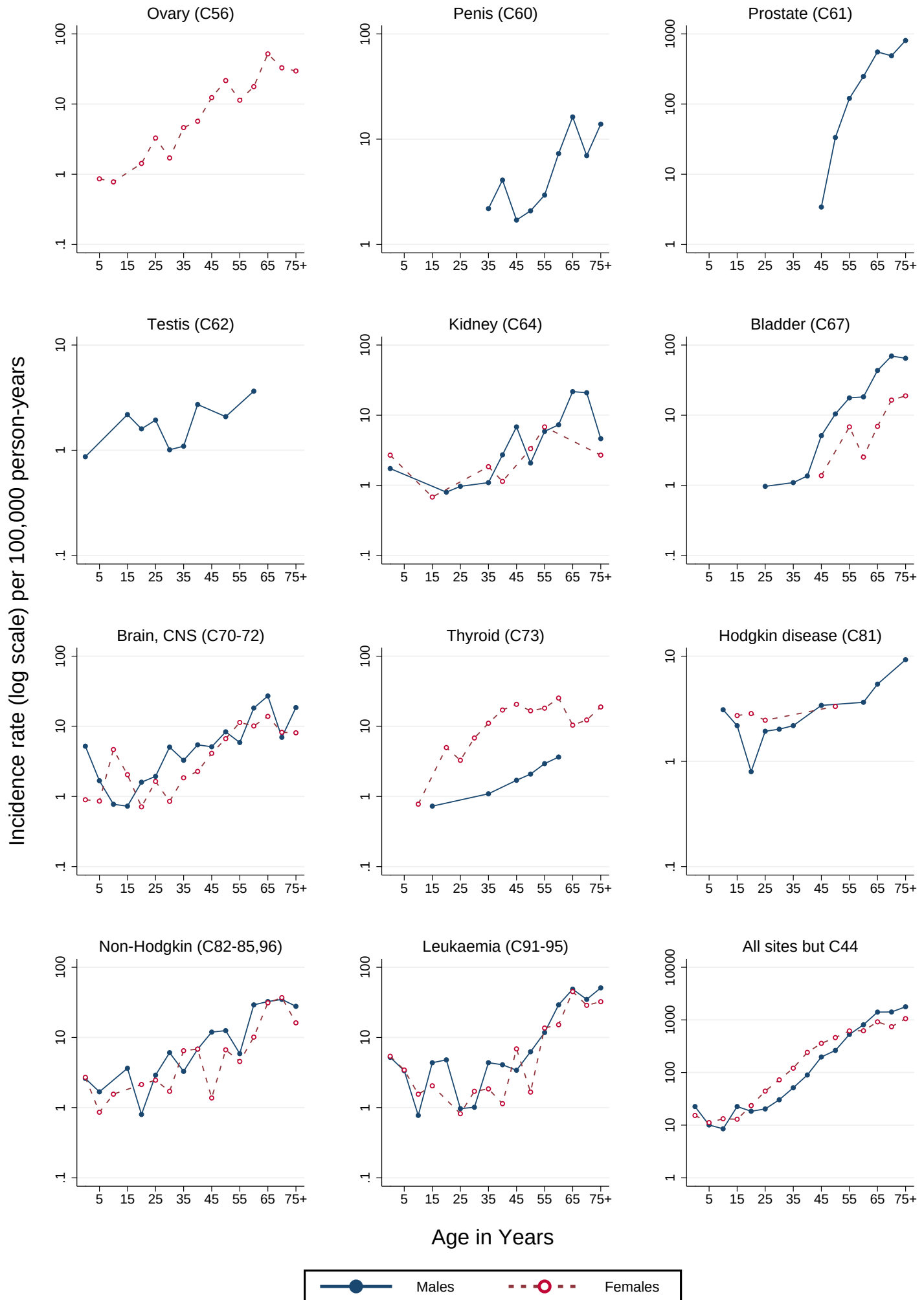
BRAZIL, JOÃO PESSOA (2003–2006)

Age-specific incidence rates per 100,000 person-years



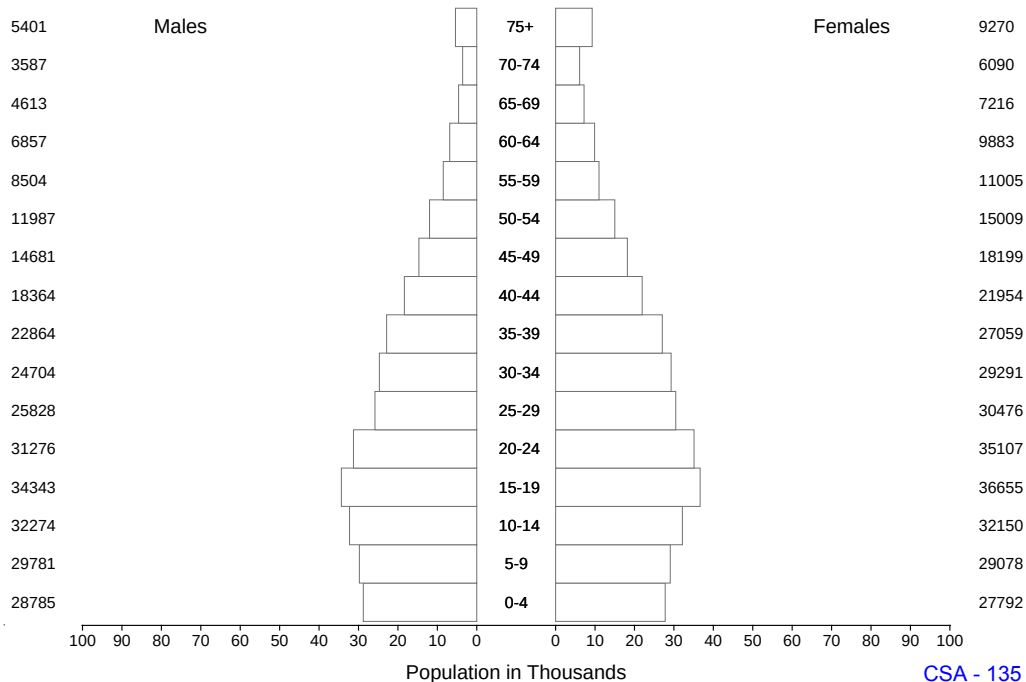
BRAZIL, JOÃO PESSOA (2003-2006)

Age-specific incidence rates per 100,000 person-years



BRAZIL, JOAO PESSOA (2003-2006)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, MANAUS (2000-2005)

Registry Director*: Dr Nayara Cabral Machado

Registry Staff*: Anasselis Veiga de Lima, Paulo Ewerton Silva de Araoejo, Elizacarla Neves Cardoso, Andrezza Queiroz Castro, Lucas de Lima Soares, Rubens Marques Furtado

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, MANAUS (2000-2005)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					
	2000 ASR (%)	2001 ASR (%)	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)
MALES						
Lip, oral cavity, and pharynx (C00-C14)	10.6 (4.3)	7.0 (3.3)	11.9 (5.0)	9.5 (4.6)	10.8 (4.7)	7.0 (3.5)
Digestive organs (C15-C26)	60.3 (24.2)	48.1 (22.6)	52.3 (22.1)	53.7 (25.7)	58.2 (25.6)	48.4 (24.2)
Respiratory organs (C30-C39)	35.7 (14.4)	35.6 (16.7)	37.5 (15.9)	36.5 (17.5)	34.4 (15.1)	29.1 (14.5)
Bone, cartilage, and skin (C40-C44)	52.3 (21.0)	45.2 (21.3)	31.9 (13.5)	34.6 (16.6)	45.1 (19.8)	52.6 (26.3)
Breast (C50)	0.6 (0.2)	0.1 (0.1)	0.4 (0.2)	0.5 (0.2)	0.6 (0.3)	0.2 (0.1)
Male genitalia (C60-C63)	38.1 (15.3)	31.9 (15.0)	49.4 (20.9)	36.9 (17.7)	37.3 (16.4)	31.5 (15.7)
Urinary organs (C64-C68)	7.9 (3.2)	7.2 (3.4)	8.8 (3.7)	6.3 (3.0)	6.2 (2.7)	6.0 (3.0)
Eye, brain, and thyroid (C69-C75)	9.7 (3.9)	6.9 (3.2)	9.1 (3.9)	7.0 (3.4)	9.2 (4.0)	7.0 (3.5)
Hematopoietic (C81-C96)	17.4 (7.0)	19.7 (9.3)	19.2 (8.1)	11.1 (5.3)	13.5 (5.9)	5.8 (2.9)
Other and unspecified	15.9 (6.4)	10.8 (5.1)	16.0 (6.8)	12.7 (6.1)	12.3 (5.4)	12.6 (6.3)
All sites	248.6 (100.0)	212.6 (100.0)	236.3 (100.0)	208.8 (100.0)	227.7 (100.0)	200.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.9 (0.9)	3.4 (1.7)	1.7 (0.8)	2.8 (1.5)	3.9 (2.0)	3.8 (2.3)
Digestive organs (C15-C26)	34.9 (16.3)	30.1 (14.9)	33.7 (16.8)	27.9 (14.5)	33.3 (16.8)	30.4 (18.4)
Respiratory organs (C30-C39)	11.4 (5.3)	12.9 (6.4)	18.3 (9.1)	12.6 (6.5)	12.5 (6.3)	11.9 (7.2)
Bone, cartilage, and skin (C40-C44)	39.0 (18.2)	28.4 (14.1)	25.2 (12.5)	26.7 (13.9)	30.3 (15.3)	35.6 (21.5)
Breast (C50)	35.9 (16.7)	38.3 (19.0)	31.5 (15.7)	33.6 (17.4)	27.1 (13.7)	18.0 (10.9)
Female genitalia (C51-C58)	63.7 (29.7)	54.6 (27.1)	59.4 (29.6)	53.4 (27.7)	58.5 (29.6)	42.7 (25.8)
Urinary organs (C64-C68)	2.5 (1.2)	2.4 (1.2)	2.5 (1.3)	4.2 (2.2)	1.8 (0.9)	3.0 (1.8)
Eye, brain, and thyroid (C69-C75)	7.4 (3.4)	7.1 (3.5)	5.9 (2.9)	8.6 (4.4)	7.2 (3.6)	7.9 (4.8)
Hematopoietic (C81-C96)	9.9 (4.6)	12.9 (6.4)	12.2 (6.1)	10.0 (5.2)	12.9 (6.5)	5.3 (3.2)
Other and unspecified	8.0 (3.7)	11.4 (5.6)	10.3 (5.1)	12.9 (6.7)	10.5 (5.3)	6.9 (4.2)
All sites	214.5 (100.0)	201.7 (100.0)	200.6 (100.0)	192.7 (100.0)	197.9 (100.0)	165.4 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	5.9 (2.6)	5.1 (2.5)	6.2 (2.9)	5.9 (3.0)	7.0 (3.4)	5.3 (3.0)
Digestive organs (C15-C26)	46.2 (20.3)	38.3 (18.7)	42.0 (19.6)	39.1 (19.8)	44.7 (21.4)	38.4 (21.5)
Respiratory organs (C30-C39)	21.9 (9.7)	22.9 (11.2)	26.4 (12.3)	22.9 (11.6)	22.2 (10.6)	19.4 (10.8)
Bone, cartilage, and skin (C40-C44)	45.3 (19.9)	35.8 (17.5)	28.2 (13.2)	30.2 (15.3)	36.6 (17.5)	42.9 (24.0)
Urinary organs (C64-C68)	4.8 (2.1)	4.5 (2.2)	5.4 (2.5)	5.1 (2.6)	3.7 (1.8)	4.3 (2.4)
Eye, brain, and thyroid (C69-C75)	8.4 (3.7)	7.1 (3.5)	7.4 (3.4)	7.8 (3.9)	8.0 (3.8)	7.5 (4.2)
Hematopoietic (C81-C96)	13.4 (5.9)	16.1 (7.9)	15.4 (7.2)	10.5 (5.3)	13.1 (6.3)	5.5 (3.1)
Other and unspecified	11.5 (5.1)	11.0 (5.4)	12.9 (6.0)	12.8 (6.5)	11.3 (5.4)	9.4 (5.2)
All sites	227.3 (100.0)	204.4 (100.0)	214.2 (100.0)	197.3 (100.0)	208.7 (100.0)	179.0 (100.0)

BRAZIL, MANAUS (2000-2005)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					
	2000 n (%)	2001 n (%)	2002 n (%)	2003 n (%)	2004 n (%)	2005 n (%)
MALES						
Lip, oral cavity, and pharynx (C00-C14)	37 (4.3)	25 (3.3)	40 (4.8)	37 (4.9)	43 (5.1)	29 (3.8)
Digestive organs (C15-C26)	193 (22.5)	167 (22.2)	184 (21.9)	185 (24.6)	213 (25.4)	175 (23.1)
Respiratory organs (C30-C39)	108 (12.6)	111 (14.8)	117 (13.9)	118 (15.7)	117 (13.9)	100 (13.2)
Bone, cartilage, and skin (C40-C44)	187 (21.8)	155 (20.6)	115 (13.7)	127 (16.9)	157 (18.7)	205 (27.0)
Breast (C50)	2 (0.2)	1 (0.1)	1 (0.1)	2 (0.3)	2 (0.2)	1 (0.1)
Male genitalia (C60-C63)	111 (13.0)	98 (13.0)	153 (18.2)	119 (15.8)	126 (15.0)	111 (14.6)
Urinary organs (C64-C68)	27 (3.2)	24 (3.2)	32 (3.8)	22 (2.9)	22 (2.6)	21 (2.8)
Eye, brain, and thyroid (C69-C75)	49 (5.7)	37 (4.9)	42 (5.0)	30 (4.0)	41 (4.9)	34 (4.5)
Hematopoietic (C81-C96)	87 (10.2)	96 (12.8)	104 (12.4)	66 (8.8)	73 (8.7)	33 (4.3)
Other and unspecified	56 (6.5)	38 (5.1)	53 (6.3)	47 (6.2)	46 (5.5)	50 (6.6)
All sites	857 (100.0)	752 (100.0)	841 (100.0)	753 (100.0)	840 (100.0)	759 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	9 (0.9)	15 (1.6)	8 (0.8)	14 (1.5)	17 (1.7)	19 (2.2)
Digestive organs (C15-C26)	137 (14.2)	132 (14.0)	147 (15.5)	124 (13.1)	150 (15.2)	148 (17.5)
Respiratory organs (C30-C39)	43 (4.5)	55 (5.8)	74 (7.8)	53 (5.6)	54 (5.5)	52 (6.2)
Bone, cartilage, and skin (C40-C44)	166 (17.3)	120 (12.7)	110 (11.6)	122 (12.9)	139 (14.1)	170 (20.1)
Breast (C50)	165 (17.2)	176 (18.6)	152 (16.0)	166 (17.6)	139 (14.1)	95 (11.2)
Female genitalia (C51-C58)	299 (31.1)	275 (29.1)	293 (30.9)	279 (29.6)	306 (31.1)	234 (27.7)
Urinary organs (C64-C68)	11 (1.1)	11 (1.2)	14 (1.5)	17 (1.8)	9 (0.9)	15 (1.8)
Eye, brain, and thyroid (C69-C75)	39 (4.1)	39 (4.1)	35 (3.7)	46 (4.9)	43 (4.4)	42 (5.0)
Hematopoietic (C81-C96)	59 (6.1)	70 (7.4)	69 (7.3)	60 (6.4)	77 (7.8)	34 (4.0)
Other and unspecified	34 (3.5)	53 (5.6)	47 (5.0)	63 (6.7)	51 (5.2)	36 (4.3)
All sites	962 (100.0)	946 (100.0)	949 (100.0)	944 (100.0)	985 (100.0)	845 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	46 (2.5)	40 (2.4)	48 (2.7)	51 (3.0)	60 (3.3)	48 (3.0)
Digestive organs (C15-C26)	330 (18.1)	299 (17.6)	331 (18.5)	309 (18.2)	363 (19.9)	323 (20.1)
Respiratory organs (C30-C39)	151 (8.3)	166 (9.8)	191 (10.7)	171 (10.1)	171 (9.4)	152 (9.5)
Bone, cartilage, and skin (C40-C44)	353 (19.4)	275 (16.2)	225 (12.6)	249 (14.7)	296 (16.2)	375 (23.4)
Urinary organs (C64-C68)	38 (2.1)	35 (2.1)	46 (2.6)	39 (2.3)	31 (1.7)	36 (2.2)
Eye, brain, and thyroid (C69-C75)	88 (4.8)	76 (4.5)	77 (4.3)	76 (4.5)	84 (4.6)	76 (4.7)
Hematopoietic (C81-C96)	146 (8.0)	166 (9.8)	173 (9.7)	126 (7.4)	150 (8.2)	67 (4.2)
Other and unspecified	90 (4.9)	91 (5.4)	100 (5.6)	110 (6.5)	97 (5.3)	86 (5.4)
All sites	1819 (100.0)	1698 (100.0)	1790 (100.0)	1697 (100.0)	1825 (100.0)	1604 (100.0)

BRAZIL, MANAUS (2001-2005)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	174	0	.	.	.	0.5	0.5	.	1.0	1.9	5.3	18.8	19.2	36.1	32.9	28.7	64.6	82.9	4.6	9.2	1.05	88	7	5	C00-14
Oesophagus (C15)	84	0	.	.	.	.	.	.	.	0.8	2.4	6.5	6.4	15.3	25.6	28.7	39.5	38.5	2.2	5.0	0.63	52	32	11	C15
Stomach (C16)	417	2	.	.	.	0.2	0.5	0.6	2.0	3.4	9.7	28.5	40.3	72.2	78.5	156.8	215.4	213.1	11.1	24.2	3.06	55	30	3	C16
Colon (C18)	77	0	.	.	.	.	.	0.3	1.3	2.3	3.4	5.2	10.1	19.4	11.0	7.8	28.7	26.6	2.1	3.8	0.45	62	18		C18
Rectum (C19-20)	63	0	.	.	.	0.2	.	0.6	0.7	1.9	3.4	1.9	5.5	11.1	12.8	15.7	25.1	26.6	1.7	3.3	0.39	75	21		C19-20
Colorectal (C18-20)	140	0	.	.	.	0.2	.	0.9	2.0	4.2	6.8	7.1	15.6	30.6	23.7	23.5	53.8	53.3	3.7	7.1	0.84	68	19	8	C18-20
Anus (C21)	13	0	.	.	.	.	.	.	.	0.8	.	1.9	0.9	1.4	1.8	5.2	3.6	5.9	0.3	0.7	0.08	85	8	23	C21
Colon, rectum and anus (C18-21)	153	0	.	.	.	0.2	.	0.9	2.0	5.0	6.8	9.1	16.5	31.9	25.6	28.7	57.4	59.2	4.1	7.8	0.92	69	18		C18-21
Liver (C22)	161	1	0.2	0.2	0.3	0.2	0.7	1.1	0.7	1.5	4.9	8.4	12.8	18.1	34.7	49.6	86.1	91.8	4.3	9.0	1.11	21	51	6	C22
Gallbladder (C23-24)	16	0	.	.	.	.	.	.	.	.	0.5	0.6	1.8	1.4	7.3	5.2	.	14.8	0.4	1.0	0.08	38	50	21	C23-24
Pancreas (C25)	67	0	0.2	.	.	.	.	0.3	0.3	1.1	1.5	0.6	3.7	19.4	16.4	26.1	28.7	35.5	1.8	4.0	0.49	21	42	14	C25
Nose, sinuses (C30-31)	2	0	0.2	.	.	.	.	.	.	.	.	.	.	.	1.8	.	.	.	0.1	0.1	0.01	50	50	26	C30-31
Larynx (C32)	123	1	.	.	.	.	.	.	1.0	0.8	2.9	4.5	7.3	23.6	38.3	41.8	50.3	82.9	3.3	7.4	0.86	73	20	7	C32
Lung, trachea and bronchus (C33-34)	424	0	0.2	0.2	0.3	.	.	.	1.0	0.8	6.8	11.7	33.0	61.1	109.6	190.7	262.0	290.1	11.3	26.5	3.39	41	36	2	C33-34
Melanoma of skin (C43)	28	0	.	.	.	.	.	.	0.3	.	.	0.6	2.7	5.6	5.5	13.1	28.7	8.9	0.7	1.8	0.28	89	7	17	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	7	0	.	.	.	0.5	.	.	1.0	0.4	0.5	.	.	.	.	.	.	.	0.2	0.2	0.01	100	0	25	C46
Breast (C50)	7	0	.	.	.	.	.	.	0.3	0.4	.	.	0.9	.	3.7	2.6	.	3.0	0.2	0.4	0.04	86	0	24	C50
Penis (C60)	43	0	.	.	.	.	.	.	0.3	2.7	1.5	4.5	1.8	5.6	11.0	15.7	7.2	14.8	1.1	2.2	0.25	98	2	16	C60
Prostate (C61)	523	4	.	.	.	.	.	.	.	.	0.5	7.8	17.4	65.3	116.9	198.6	387.7	568.3	14.0	34.0	4.00	73	19	1	C61
Testis (C62)	40	0	0.4	.	0.3	0.9	1.9	2.0	2.0	1.1	.	3.2	1.8	1.4	.	.	3.6	.	1.1	1.1	0.09	80	5	20	C62
Kidney (C64)	50	0	1.5	.	.	.	.	.	0.3	.	2.9	3.2	9.2	9.7	11.0	7.8	7.2	8.9	1.3	2.4	0.26	50	34	15	C64
Bladder (C67)	70	0	0.2	.	.	.	.	0.3	.	.	1.0	1.9	1.8	11.1	14.6	34.0	50.3	53.3	1.9	4.4	0.58	69	23	12	C67
Brain, CNS (C70-72)	134	0	2.8	3.0	0.5	1.2	1.4	1.4	3.7	4.6	2.9	6.5	3.7	6.9	27.4	26.1	39.5	17.8	3.6	5.6	0.66	43	38	10	C70-72
Thyroid (C73)	19	0	.	.	.	.	.	0.3	0.7	0.8	1.0	.	2.7	.	1.8	7.8	7.2	8.9	0.5	0.9	0.11	68	21	22	C73
Hodgkin disease (C81)	46	0	0.2	1.4	1.5	1.2	1.2	1.1	0.3	1.9	1.0	.	1.8	4.2	3.7	5.2	3.6	3.0	1.2	1.5	0.14	93	7	19	C81
Non-Hodgkin lymphoma (C82-85;C96)	97	0	1.1	0.7	0.8	1.6	0.5	0.9	3.3	2.3	3.9	5.8	7.3	8.3	9.1	13.1	21.5	32.6	2.6	4.0	0.40	76	20	13	C82-85;C96
Multiple myeloma (C88-C90)	32	0	.	.	.	.	.	0.3	0.3	0.4	.	2.6	4.6	6.9	5.5	7.8	14.4	14.8	0.9	1.8	0.21	63	22	18	C88-C90
Lymphoid leukaemia (C91)	98	0	7.5	4.4	1.8	2.1	0.7	0.9	0.7	0.8	1.9	1.9	.	2.8	7.3	5.2	3.6	5.9	2.6	2.9	0.21	90	6		C91
Myeloid leukaemia (C92-94)	78	0	1.7	0.9	1.3	1.4	1.0	1.7	2.0	3.8	3.9	0.6	3.7	2.8	3.7	10.5	17.9	8.9	2.1	2.7	0.28	83	13		C92-94
Leukaemia unspecified (C95)	21	0	1.3	.	0.3	.	0.2	0.3	.	0.4	1.0	.	0.9	.	.	5.2	3.6	14.8	0.6	0.9	0.07	14	86		C95
Leukaemia (C91-95)	197	0	10.5	5.4	3.3	3.5	1.9	2.9	2.7	5.0	6.8	2.6	4.6	5.6	11.0	20.9	25.1	29.6	5.3	6.4	0.56	79	17	9	C91-95
Other and unspecified (O&U)	210	1	.	.	0.3	.	0.5	1.1	1.3	2.3	5.3	8.4	19.2	31.9	40.2	78.4	118.4	115.4	5.6	12.1	1.54	44	40	4	O&U
All sites but C44 (ALLbC44)	3254	9	20.9	11.2	8.1	12.5	12.4	14.9	26.0	39.1	72.8	141.3	228.9	456.9	646.4	1016.3	1529.1	1817.3	86.9	177.9	21.24	60	26		ALLbC44
All sites (ALL)	3945	14	20.9	11.4	8.3	13.2	14.1	17.8	33.0	48.3	93.2	177.6	282.0	541.7	788.9	1256.6	1866.5	2225.7	105.4	216.9	25.96	67	22		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, MANAUS (2001-2005)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	73	0	0.2	.	.	0.4	.	.	0.6	1.5	1.8	0.6	5.2	11.1	7.6	12.0	24.0	47.0	1.9	3.1	0.33	86	12	12	C00-14
Oesophagus (C15)	21	0	.	.	.	.	.	.	1.5	.	0.5	1.2	1.7	.	1.5	6.0	5.3	19.6	0.5	0.9	0.08	62	29	20	C15
Stomach (C16)	219	0	0.2	.	.	0.2	.	0.5	2.5	4.4	5.5	8.0	14.8	22.1	33.5	55.9	85.4	103.7	5.6	9.7	1.17	46	39	5	C16
Colon (C18)	110	2	.	.	.	0.2	.	0.8	0.6	1.1	4.2	3.1	6.9	11.1	16.8	30.0	24.0	64.6	2.8	4.8	0.50	65	27		C18
Rectum (C19-20)	70	0	.	.	.	.	0.2	0.8	0.6	1.9	2.3	7.4	6.1	7.4	12.2	12.0	24.0	11.7	1.8	3.0	0.37	64	27		C19-20
Colorectal (C18-20)	180	2	.	.	.	0.2	0.2	1.6	1.3	3.0	6.5	10.5	13.0	18.5	28.9	41.9	48.0	76.3	4.6	7.8	0.88	64	27	6	C18-20
Anus (C21)	35	0	.	.	.	.	.	.	.	0.4	0.9	1.2	6.9	3.7	7.6	6.0	10.7	13.7	0.9	1.6	0.19	94	6	17	C21
Colon, rectum and anus (C18-21)	215	2	.	.	.	0.2	0.2	1.6	1.3	3.3	7.4	11.7	20.0	22.1	36.5	47.9	58.7	90.0	5.5	9.4	1.07	69	24		C18-21
Liver (C22)	105	0	.	.	.	.	.	0.5	1.3	0.7	1.8	3.7	3.5	14.8	13.7	20.0	34.7	76.3	2.7	4.6	0.47	13	56	8	C22
Gallbladder (C23-24)	49	0	.	.	.	.	.	.	0.3	1.1	0.5	.	7.8	7.4	10.7	10.0	5.3	29.3	1.2	2.2	0.22	31	55	16	C23-24
Pancreas (C25)	63	1	.	.	.	.	.	.	.	0.7	1.8	0.6	6.1	11.1	7.6	10.0	24.0	37.2	1.6	2.8	0.32	16	57	15	C25
Nose, sinuses (C30-31)	6	0	.	.	.	.	.	0.3	.	.	.	.	.	3.7	.	.	2.7	2.0	0.2	0.3	0.03	100	0	25	C30-31
Larynx (C32)	17	0	0.2	.	.	.	.	.	.	0.4	0.9	0.6	0.9	2.5	3.0	2.0	13.3	2.0	0.4	0.8	0.12	82	18	23	C32
Lung, trachea and bronchus (C33-34)	255	0	.	.	.	0.2	0.4	0.3	0.6	0.7	6.0	11.7	17.4	33.2	60.9	85.9	72.1	113.5	6.5	12.1	1.45	35	42	3	C33-34
Melanoma of skin (C43)	20	1	.	.	.	.	.	.	0.3	.	2.3	1.2	0.9	.	1.5	4.0	2.7	11.7	0.5	0.8	0.07	90	5	22	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	2.0	.	.	0.0	0.1	0.01	100	0	26	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	0.4	0.3	.	.	.	.	.	.	.	.	.	.	0.1	0.1	0.00	100	0	27	C46
Breast (C50)	728	0	.	.	.	.	0.7	3.4	14.0	23.7	37.0	74.1	73.8	112.0	109.6	87.9	109.4	138.9	18.5	29.4	3.23	89	7	2	C50
Cervix uteri (C53)	1143	21	.	.	.	.	0.9	13.2	29.3	45.9	76.3	98.1	112.0	139.0	141.6	133.8	136.1	146.7	29.0	43.4	4.72	90	7	1	C53
Corpus uteri (C54)	57	0	.	.	.	.	.	.	.	1.1	1.4	1.2	5.2	9.8	19.8	20.0	21.4	7.8	1.4	2.9	0.40	82	14	14	C54
Ovary (C56)	111	1	0.2	.	0.7	0.9	1.8	1.3	1.9	4.4	4.6	1.9	11.3	12.3	18.3	18.0	16.0	15.7	2.8	4.2	0.47	71	21	9	C56
Kidney (C64)	39	0	2.0	0.5	.	.	0.2	0.3	0.3	0.4	0.5	3.7	2.6	3.7	6.1	2.0	10.7	3.9	1.0	1.5	0.16	72	18	18	C64
Bladder (C67)	25	0	.	.	.	0.2	.	.	.	.	0.5	0.6	0.9	4.9	9.1	6.0	2.7	13.7	0.6	1.2	0.12	88	12	19	C67
Brain, CNS (C70-72)	101	0	1.6	1.2	0.5	1.3	0.7	1.6	1.0	3.3	3.2	7.4	8.7	4.9	3.0	20.0	24.0	11.7	2.6	3.6	0.41	45	44	10	C70-72
Thyroid (C73)	79	0	.	.	0.2	0.2	0.4	1.6	1.9	2.6	3.7	6.2	4.3	12.3	7.6	6.0	10.7	21.5	2.0	2.9	0.29	86	11	13	C73
Hodgkin disease (C81)	28	0	.	0.5	1.7	0.2	1.1	1.3	0.6	0.4	0.9	.	.	2.5	.	.	.	2.0	0.7	0.7	0.05	100	0	24	C81
Non-Hodgkin lymphoma (C82-85; C96)	85	0	0.2	1.7	1.5	0.2	.	0.3	1.9	3.0	1.8	3.7	6.9	4.9	16.8	12.0	16.0	19.6	2.2	3.3	0.35	78	16	11	C82-85;C96
Multiple myeloma (C88-C90)	17	0	.	.	.	.	.	.	.	.	0.5	0.6	1.7	2.5	6.1	8.0	8.0	.	0.4	0.9	0.14	59	35	21	C88-C90
Lymphoid leukaemia (C91)	89	0	6.0	2.9	2.7	1.3	1.8	0.8	0.3	1.1	0.9	1.2	2.6	2.5	7.6	.	5.3	3.9	2.3	2.5	0.19	84	13		C91
Myeloid leukaemia (C92-94)	80	0	0.4	1.4	1.5	0.2	1.3	1.6	2.2	1.1	1.4	4.9	5.2	3.7	9.1	12.0	16.0	9.8	2.0	2.8	0.31	81	11		C92-94
Leukaemia unspecified (C95)	11	0	.	.	0.7	.	.	0.3	.	.	.	.	.	1.2	.	2.0	2.7	7.8	0.3	0.4	0.03	27	64		C95
Leukaemia (C91-95)	180	0	6.4	4.3	5.0	1.5	3.1	2.6	2.5	2.2	2.3	6.2	7.8	7.4	16.8	14.0	24.0	21.5	4.6	5.7	0.53	79	16	7	C91-95
Other and unspecified (O&U)	224	1	0.2	.	0.2	0.9	0.7	0.5	1.9	5.6	5.5	3.7	18.2	32.0	32.0	75.9	45.4	97.8	5.7	9.9	1.12	34	52	4	O&U
All sites but C44 (ALLbC44)	4072	27	12.6	9.3	11.7	9.9	13.5	32.7	66.5	107.8	176.1	256.8	341.1	493.4	578.7	702.9	782.0	1085.7	103.5	164.0	18.09	72	20		ALLbC44
All sites (ALL)	4669	30	12.9	9.5	11.7	9.9	13.7	34.0	70.9	115.9	190.4	285.8	381.9	577.1	683.8	862.7	971.5	1353.8	118.7	191.2	21.29	75	18		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

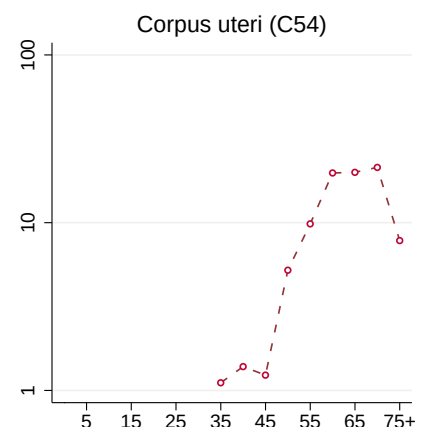
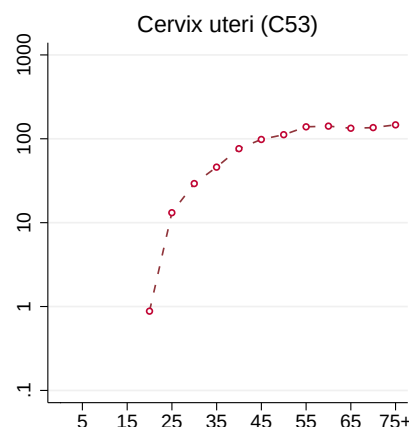
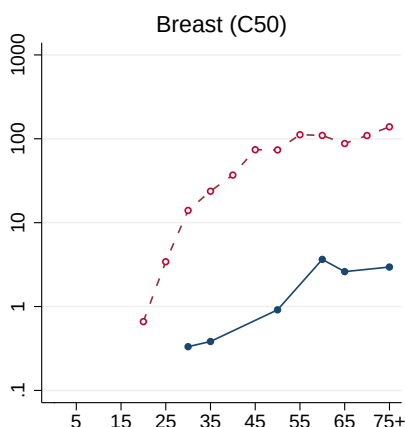
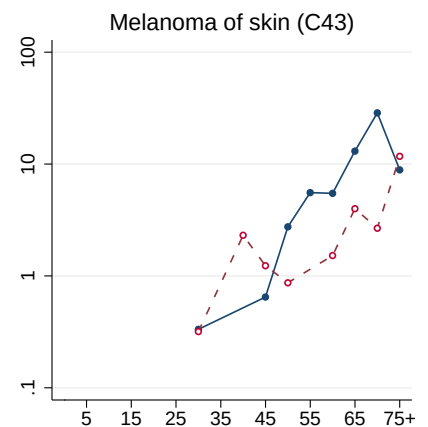
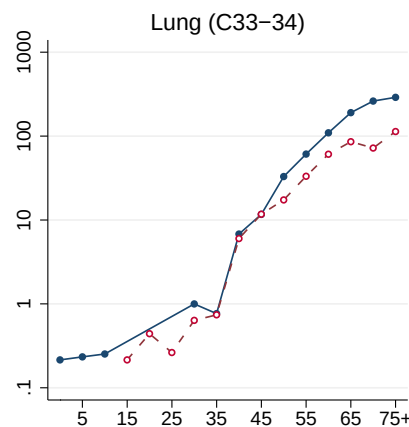
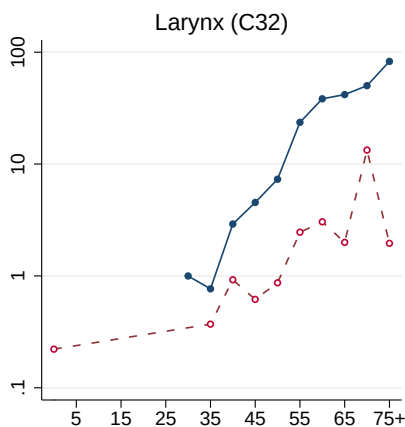
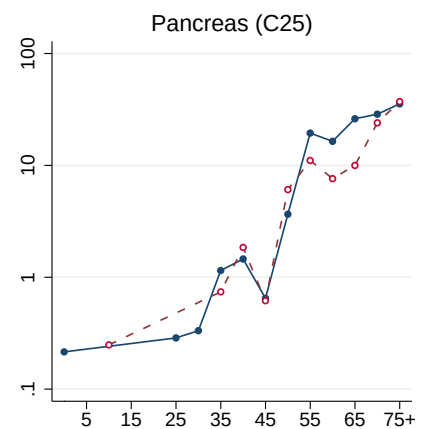
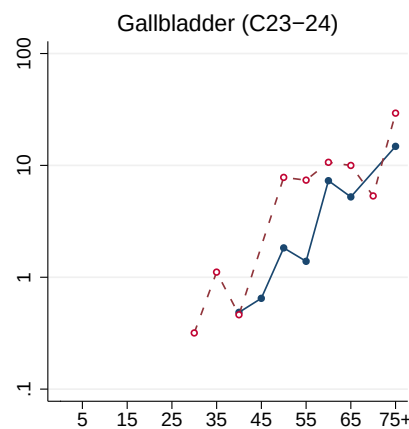
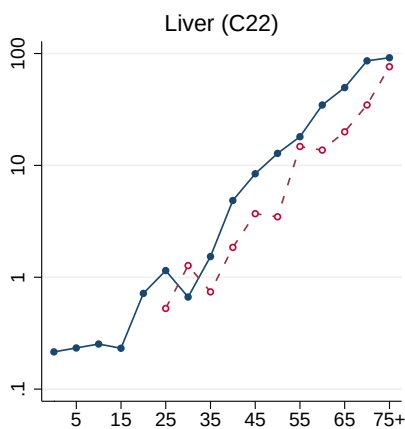
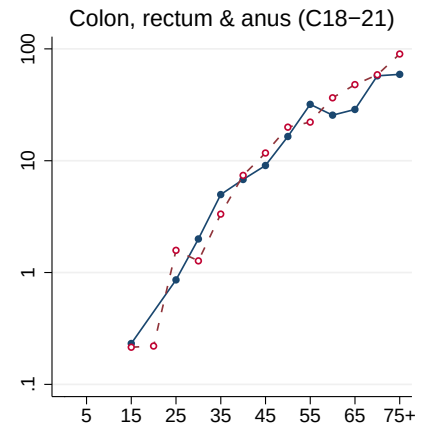
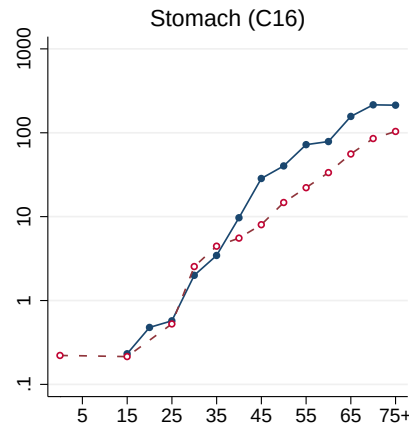
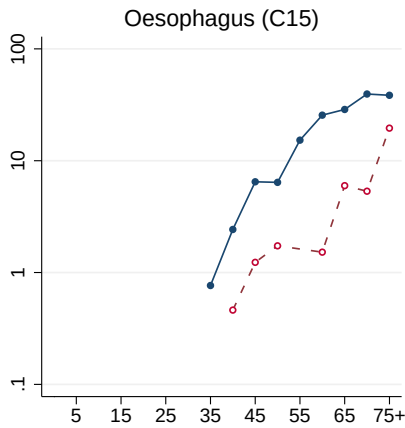
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

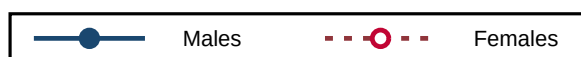
BRAZIL, MANAUS (2001–2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

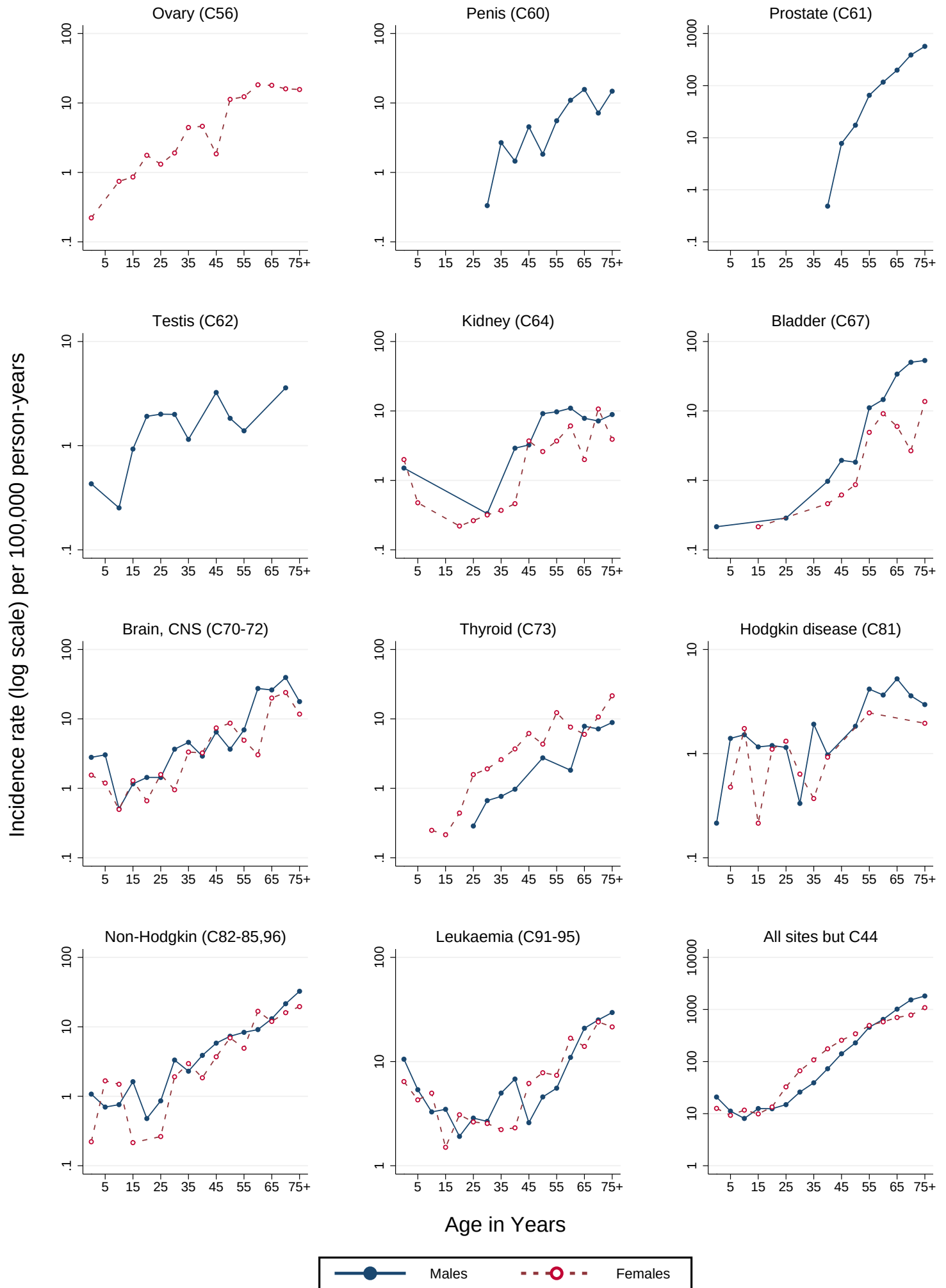


Age in Years



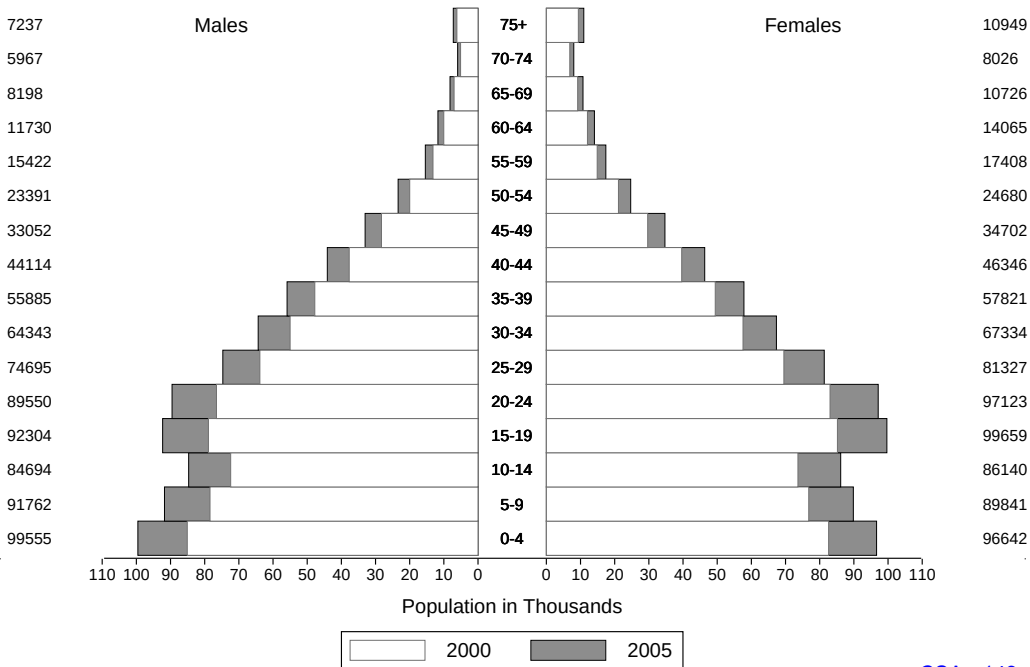
BRAZIL, MANAUS (2001-2005)

Age-specific incidence rates per 100,000 person-years



BRAZIL, MANAUS (2000-2005)

Average annual person-years



Note: Population values shown for year 2005

Registry Summary Tables and Figures

BRAZIL, NATAL (2002–2004)

Registry Director*: Dr Severina Pereira de Oliveira

Registry Staff*: Sandra Patricia Saraiva Cipriano, Severina Pereira de Oliveira, Maria Angelica Freitas da Silva, Josiel Mariano Cordeiro, Wilton Nogueira de Abreu, Raphael Andreson Soares da Silva

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, NATAL (2000-2004)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2000 n (%)	2001 n (%)	2002 n (%)	2003 n (%)	2004 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	20 (2.8)	27 (4.0)	29 (6.2)	61 (5.7)	47 (4.5)	184 (4.6)
Digestive organs (C15-C26)	136 (19.0)	137 (20.4)	101 (21.6)	155 (14.4)	162 (15.5)	691 (17.4)
Respiratory organs (C30-C39)	66 (9.2)	60 (8.9)	52 (11.1)	117 (10.9)	129 (12.4)	424 (10.7)
Bone, cartilage, and skin (C40-C44)	185 (25.8)	132 (19.6)	90 (19.2)	329 (30.7)	267 (25.6)	1003 (25.3)
Breast (C50)	3 (0.4)	1 (0.1)	1 (0.2)	1 (0.1)	2 (0.2)	8 (0.2)
Male genitalia (C60-C63)	172 (24.0)	173 (25.7)	92 (19.7)	231 (21.5)	252 (24.2)	920 (23.2)
Urinary organs (C64-C68)	38 (5.3)	20 (3.0)	13 (2.8)	34 (3.2)	31 (3.0)	136 (3.4)
Eye, brain, and thyroid (C69-C75)	19 (2.6)	36 (5.4)	17 (3.6)	26 (2.4)	44 (4.2)	142 (3.6)
Hematopoietic (C81-C96)	37 (5.2)	55 (8.2)	31 (6.6)	46 (4.3)	59 (5.7)	228 (5.7)
Other and unspecified	41 (5.7)	31 (4.6)	42 (9.0)	73 (6.8)	49 (4.7)	236 (5.9)
All sites	717 (100.0)	672 (100.0)	468 (100.0)	1073 (100.0)	1042 (100.0)	3972 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	17 (2.1)	17 (2.1)	12 (2.0)	25 (2.0)	20 (1.8)	91 (2.0)
Digestive organs (C15-C26)	112 (13.9)	130 (16.2)	121 (19.9)	141 (11.5)	170 (14.9)	674 (14.7)
Respiratory organs (C30-C39)	19 (2.4)	34 (4.2)	24 (3.9)	59 (4.8)	48 (4.2)	184 (4.0)
Bone, cartilage, and skin (C40-C44)	185 (22.9)	105 (13.1)	83 (13.7)	303 (24.8)	234 (20.6)	910 (19.9)
Breast (C50)	191 (23.6)	178 (22.1)	146 (24.0)	228 (18.7)	251 (22.1)	994 (21.7)
Female genitalia (C51-C58)	132 (16.3)	143 (17.8)	96 (15.8)	180 (14.7)	153 (13.4)	704 (15.4)
Urinary organs (C64-C68)	14 (1.7)	23 (2.9)	12 (2.0)	19 (1.6)	23 (2.0)	91 (2.0)
Eye, brain, and thyroid (C69-C75)	59 (7.3)	72 (9.0)	29 (4.8)	116 (9.5)	115 (10.1)	391 (8.5)
Hematopoietic (C81-C96)	40 (5.0)	55 (6.8)	42 (6.9)	42 (3.4)	69 (6.1)	248 (5.4)
Other and unspecified	39 (4.8)	47 (5.8)	43 (7.1)	108 (8.8)	55 (4.8)	292 (6.4)
All sites	808 (100.0)	804 (100.0)	608 (100.0)	1221 (100.0)	1138 (100.0)	4579 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	37 (2.4)	44 (3.0)	41 (3.8)	86 (3.7)	67 (3.1)	275 (3.2)
Digestive organs (C15-C26)	248 (16.3)	267 (18.1)	222 (20.6)	296 (12.9)	332 (15.2)	1365 (16.0)
Respiratory organs (C30-C39)	85 (5.6)	94 (6.4)	76 (7.1)	176 (7.7)	177 (8.1)	608 (7.1)
Bone, cartilage, and skin (C40-C44)	370 (24.3)	237 (16.1)	173 (16.1)	632 (27.6)	501 (23.0)	1913 (22.4)
Urinary organs (C64-C68)	52 (3.4)	43 (2.9)	25 (2.3)	53 (2.3)	54 (2.5)	227 (2.7)
Eye, brain, and thyroid (C69-C75)	78 (5.1)	108 (7.3)	46 (4.3)	142 (6.2)	159 (7.3)	533 (6.2)
Hematopoietic (C81-C96)	77 (5.0)	110 (7.5)	73 (6.8)	88 (3.8)	128 (5.9)	476 (5.6)
Other and unspecified	80 (5.2)	78 (5.3)	85 (7.9)	181 (7.9)	104 (4.8)	528 (6.2)
All sites	1525 (100.0)	1476 (100.0)	1076 (100.0)	2294 (100.0)	2180 (100.0)	8551 (100.0)

BRAZIL, NATAL (2000-2004)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2000 ASR (%)	2001 ASR (%)	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	8.0 (2.7)	12.1 (4.4)	12.1 (6.4)	24.5 (5.7)	18.6 (4.5)	15.2 (4.7)
Digestive organs (C15-C26)	57.5 (19.2)	57.3 (20.7)	42.0 (22.2)	62.9 (14.6)	66.4 (16.2)	57.3 (17.8)
Respiratory organs (C30-C39)	29.5 (9.8)	26.6 (9.6)	22.1 (11.7)	49.5 (11.5)	53.5 (13.1)	36.4 (11.3)
Bone, cartilage, and skin (C40-C44)	77.3 (25.7)	53.1 (19.2)	36.2 (19.1)	131.5 (30.4)	100.5 (24.5)	80.1 (24.8)
Breast (C50)	1.1 (0.4)	0.4 (0.1)	0.3 (0.2)	0.3 (0.1)	0.6 (0.1)	0.5 (0.2)
Male genitalia (C60-C63)	73.7 (24.6)	73.6 (26.6)	36.9 (19.5)	96.7 (22.4)	102.0 (24.9)	76.8 (23.8)
Urinary organs (C64-C68)	15.4 (5.1)	9.2 (3.3)	6.0 (3.1)	13.2 (3.1)	12.0 (2.9)	11.2 (3.5)
Eye, brain, and thyroid (C69-C75)	7.6 (2.5)	12.2 (4.4)	6.6 (3.5)	10.0 (2.3)	15.8 (3.9)	10.5 (3.2)
Hematopoietic (C81-C96)	13.0 (4.3)	20.7 (7.5)	10.4 (5.5)	15.8 (3.6)	21.1 (5.1)	16.2 (5.0)
Other and unspecified	17.1 (5.7)	11.6 (4.2)	16.7 (8.8)	27.8 (6.4)	18.9 (4.6)	18.5 (5.7)
All sites	300.3 (100.0)	276.8 (100.0)	189.2 (100.0)	432.5 (100.0)	409.4 (100.0)	322.7 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	4.4 (1.9)	4.8 (2.1)	3.0 (1.8)	6.6 (2.0)	5.1 (1.7)	4.8 (1.9)
Digestive organs (C15-C26)	32.3 (13.9)	36.7 (15.7)	32.4 (19.4)	38.9 (11.5)	47.1 (15.3)	37.6 (14.7)
Respiratory organs (C30-C39)	6.0 (2.6)	11.0 (4.7)	7.3 (4.3)	16.9 (5.0)	14.2 (4.6)	11.1 (4.3)
Bone, cartilage, and skin (C40-C44)	53.5 (23.0)	30.8 (13.2)	21.8 (13.1)	82.8 (24.6)	59.9 (19.5)	49.9 (19.5)
Breast (C50)	55.4 (23.8)	51.9 (22.2)	42.1 (25.2)	64.3 (19.1)	69.2 (22.5)	56.7 (22.1)
Female genitalia (C51-C58)	38.6 (16.6)	41.6 (17.8)	26.9 (16.1)	50.1 (14.9)	42.0 (13.7)	39.9 (15.6)
Urinary organs (C64-C68)	3.8 (1.6)	6.3 (2.7)	3.1 (1.8)	5.7 (1.7)	5.9 (1.9)	5.0 (1.9)
Eye, brain, and thyroid (C69-C75)	16.7 (7.2)	21.4 (9.2)	8.2 (4.9)	31.3 (9.3)	30.6 (9.9)	21.7 (8.5)
Hematopoietic (C81-C96)	11.4 (4.9)	15.2 (6.5)	10.9 (6.6)	11.2 (3.3)	18.1 (5.9)	13.4 (5.2)
Other and unspecified	10.8 (4.6)	13.9 (5.9)	11.2 (6.7)	28.8 (8.6)	15.3 (5.0)	16.1 (6.3)
All sites	232.8 (100.0)	233.5 (100.0)	167.0 (100.0)	336.6 (100.0)	307.4 (100.0)	256.2 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	6.0 (2.3)	7.8 (3.1)	6.9 (3.9)	14.2 (3.8)	10.9 (3.2)	9.2 (3.3)
Digestive organs (C15-C26)	42.5 (16.5)	45.0 (18.1)	36.3 (20.8)	48.6 (13.0)	54.8 (15.9)	45.5 (16.2)
Respiratory organs (C30-C39)	15.5 (6.0)	17.2 (6.9)	13.3 (7.6)	30.0 (8.0)	30.3 (8.8)	21.4 (7.6)
Bone, cartilage, and skin (C40-C44)	62.9 (24.5)	39.7 (16.0)	27.7 (15.9)	102.8 (27.6)	76.0 (22.0)	62.1 (22.1)
Urinary organs (C64-C68)	8.5 (3.3)	7.4 (3.0)	4.2 (2.4)	8.8 (2.4)	8.3 (2.4)	7.4 (2.7)
Eye, brain, and thyroid (C69-C75)	12.7 (4.9)	17.6 (7.1)	7.4 (4.2)	21.9 (5.9)	24.0 (7.0)	16.8 (6.0)
Hematopoietic (C81-C96)	12.3 (4.8)	17.6 (7.1)	10.7 (6.1)	13.4 (3.6)	19.3 (5.6)	14.7 (5.2)
Other and unspecified	13.3 (5.2)	13.1 (5.2)	13.3 (7.6)	28.5 (7.6)	16.7 (4.8)	17.0 (6.1)
All sites	257.2 (100.0)	248.8 (100.0)	174.2 (100.0)	372.6 (100.0)	345.5 (100.0)	280.5 (100.0)

BRAZIL, NATAL (2000-2004)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	184	3	.	.	0.5	1.0	.	1.4	2.2	9.2	11.4	24.4	33.4	55.2	88.4	74.1	52.4	56.7	10.7	15.2	1.80	67	27	5	C00-14
Oesophagus (C15)	77	4	.	.	.	.	.	.	.	.	2.9	8.5	13.1	8.5	33.1	23.4	42.9	72.5	4.5	6.3	0.70	58	31	9	C15
Stomach (C16)	261	5	.	.	.	.	.	1.4	1.4	3.8	12.4	9.7	33.4	48.9	107.7	163.9	200.0	179.6	15.2	22.6	2.97	50	35	3	C16
Colon (C18)	99	2	.	.	.	.	0.6	.	.	.	8.6	4.9	13.1	23.4	22.1	58.5	66.7	81.9	5.7	8.2	1.01	67	23		C18
Rectum (C19-20)	79	1	.	.	.	.	.	.	.	3.8	.	9.7	17.4	4.2	24.9	31.2	61.9	66.2	4.6	6.4	0.78	70	23		C19-20
Colorectal (C18-20)	178	3	.	.	.	.	0.6	.	.	3.8	8.6	14.6	30.5	27.6	46.9	89.7	128.6	148.1	10.3	14.6	1.78	68	23	6	C18-20
Anus (C21)	9	0	.	.	.	.	.	.	.	.	1.9	1.2	1.5	2.1	5.5	7.8	.	.	0.5	0.8	0.10	67	22	22	C21
Colon, rectum and anus (C18-21)	187	3	.	.	.	.	0.6	.	.	3.8	10.5	15.8	31.9	29.7	52.5	97.5	128.6	148.1	10.9	15.4	1.89	68	23		C18-21
Liver (C22)	30	2	.	.	.	.	0.6	0.7	.	.	1.0	3.7	2.9	4.2	13.8	.	19.0	28.4	1.7	2.4	0.25	30	47	20	C22
Gallbladder (C23-24)	33	0	.	.	.	.	0.6	.	.	.	3.8	3.7	4.4	4.2	2.8	19.5	19.0	31.5	1.9	2.6	0.29	27	42	19	C23-24
Pancreas (C25)	74	2	.	.	.	0.5	.	.	0.7	1.5	1.9	7.3	14.5	8.5	30.4	23.4	33.3	69.3	4.3	5.9	0.63	19	43	10	C25
Nose, sinuses (C30-31)	7	0	.	.	.	.	.	.	.	.	.	.	.	2.1	2.8	7.8	.	9.5	0.4	0.6	0.06	71	29	24	C30-31
Larynx (C32)	103	3	.	.	.	.	.	.	0.7	0.8	4.8	11.0	21.8	31.9	33.1	70.2	33.3	53.6	6.0	8.8	1.07	57	35	7	C32
Lung, trachea and bronchus (C33-34)	294	6	0.6	.	.	.	0.6	0.7	.	4.6	6.7	12.2	46.4	63.7	127.0	144.4	214.3	226.8	17.1	25.2	3.17	43	39	2	C33-34
Melanoma of skin (C43)	46	1	.	.	.	1.5	.	0.7	.	2.3	1.9	4.9	4.4	6.4	13.8	15.6	33.3	31.5	2.7	3.6	0.43	83	15	15	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	4	0	.	.	.	.	.	.	1.4	.	.	.	.	.	2.8	.	.	3.2	0.2	0.3	0.02	75	25	26	C46
Breast (C50)	8	0	.	.	.	.	.	.	.	.	1.0	1.2	.	2.1	.	.	.	15.8	0.5	0.5	0.02	75	25	25	C50
Penis (C60)	38	0	.	.	.	.	.	0.7	0.7	0.8	4.8	7.3	2.9	2.1	16.6	7.8	9.5	34.7	2.2	2.9	0.27	71	13	18	C60
Prostate (C61)	865	30	.	.	.	.	.	.	1.4	.	5.7	6.1	37.7	129.6	256.8	487.7	747.7	1134.1	50.2	72.9	8.66	74	17	1	C61
Testis (C62)	14	0	1.2	.	.	.	.	2.8	2.2	1.5	1.0	.	1.5	.	.	.	.	3.2	0.8	0.8	0.05	93	7	23	C62
Kidney (C64)	50	0	0.6	0.6	.	.	0.6	0.7	.	.	.	8.5	8.7	23.4	22.1	23.4	4.8	22.1	2.9	4.2	0.47	70	20	14	C64
Bladder (C67)	85	4	.	.	.	.	.	.	.	.	2.9	3.7	2.9	10.6	19.3	39.0	61.9	119.7	4.9	6.9	0.74	67	16	8	C67
Brain, CNS (C70-72)	77	3	.	0.6	3.8	2.0	1.7	2.1	2.9	6.2	5.7	3.7	7.3	8.5	22.1	27.3	33.3	12.6	4.5	5.5	0.66	49	32	13	C70-72
Thyroid (C73)	40	0	.	.	.	1.5	.	2.1	1.4	2.3	2.9	6.1	2.9	4.2	22.1	15.6	9.5	9.5	2.3	3.1	0.35	93	5	16	C73
Hodgkin disease (C81)	32	0	0.6	0.6	1.6	0.5	2.3	2.8	2.2	3.8	1.0	1.2	2.9	.	5.5	3.9	4.8	6.3	1.9	1.9	0.17	81	9	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	79	2	1.2	3.5	.	.	2.3	1.4	0.7	4.6	7.6	3.7	14.5	10.6	8.3	23.4	28.6	47.3	4.6	5.6	0.57	70	20	12	C82-85;C96
Multiple myeloma (C88-C90)	34	0	.	.	.	.	.	.	0.7	.	.	2.4	8.7	10.6	19.3	19.5	.	25.2	2.0	2.9	0.31	50	32	17	C88-C90
Lymphoid leukaemia (C91)	42	1	1.2	1.2	2.7	3.1	0.6	1.4	.	1.5	1.9	1.2	4.4	.	5.5	19.5	.	25.2	2.4	2.8	0.23	64	26		C91
Myeloid leukaemia (C92-94)	30	0	1.8	.	.	0.5	0.6	0.7	0.7	0.8	1.0	7.3	2.9	2.1	8.3	3.9	19.0	12.6	1.7	2.3	0.25	60	33		C92-94
Leukaemia unspecified (C95)	11	3	0.6	.	1.1	.	.	.	.	0.8	1.9	1.2	.	.	.	.	.	3.2	0.6	0.6	0.04	45	27		C95
Leukaemia (C91-95)	83	4	3.6	1.2	3.8	3.6	1.1	2.1	0.7	3.1	4.8	9.7	7.3	2.1	13.8	23.4	19.0	41.0	4.8	5.7	0.52	60	29	11	C91-95
Other and unspecified (O&U)	220	5	0.6	0.6	.	0.5	2.8	3.5	3.6	6.9	12.4	17.1	21.8	46.7	55.2	101.4	123.8	163.8	12.8	17.4	2.03	41	39	4	O&U
All sites but C44 (ALLbC44)	3038	82	14.3	10.0	9.8	14.2	17.1	24.8	26.0	60.8	112.1	173.0	335.3	531.2	1002.5	1443.6	1852.5	2602.2	176.4	247.7	28.92	61	26		ALLbC44
All sites (ALL)	3972	134	14.3	10.0	9.8	14.7	17.6	31.9	38.2	90.8	164.4	253.4	432.5	694.8	1264.9	1876.7	2309.6	3380.4	230.6	322.7	37.38	69	21		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, NATAL (2000-2004)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	91	1	.	.	1.1	0.5	1.0	.	0.6	1.9	1.6	3.0	4.6	14.7	15.4	15.8	41.3	68.2	4.7	4.8	0.51	68	27	11	C00-14
Oesophagus (C15)	27	1	.	.	.	.	.	.	.	0.6	.	3.0	2.3	4.9	7.7	2.6	8.9	17.5	1.4	1.5	0.16	56	37	22	C15
Stomach (C16)	178	2	.	.	.	.	0.5	1.2	1.9	2.6	8.7	17.8	13.8	24.5	32.6	50.1	64.9	101.3	9.1	9.9	1.11	56	33	6	C16
Colon (C18)	136	1	.	.	.	.	.	0.6	.	3.9	5.5	4.9	16.1	24.5	42.3	42.2	38.4	70.1	7.0	7.9	0.90	60	24		C18
Rectum (C19-20)	91	4	.	.	.	0.5	.	.	.	2.6	5.5	6.9	6.9	13.1	30.7	13.2	8.9	58.4	4.7	5.0	0.46	71	23		C19-20
Colorectal (C18-20)	227	5	.	.	.	0.5	0.6	0.6	.	6.5	11.0	11.9	23.0	37.5	73.0	55.4	47.2	128.5	11.7	12.9	1.36	64	24	5	C18-20
Anus (C21)	31	0	.	.	.	.	.	.	.	0.6	5.5	1.0	2.3	3.3	5.8	13.2	5.9	15.6	1.6	1.7	0.19	90	6	21	C21
Colon, rectum and anus (C18-21)	258	5	.	.	.	0.5	.	0.6	.	7.1	16.5	12.9	25.3	40.8	78.7	68.6	53.1	144.1	13.3	14.6	1.55	67	22		C18-21
Liver (C22)	37	1	0.6	.	.	.	.	.	.	.	.	2.0	9.2	4.9	5.8	7.9	8.9	25.3	1.9	2.1	0.20	22	41	20	C22
Gallbladder (C23-24)	83	2	.	.	.	.	.	.	.	.	2.4	5.9	2.3	11.4	15.4	34.3	38.4	56.5	4.3	4.7	0.56	34	40	12	C23-24
Pancreas (C25)	80	1	.	.	.	.	.	.	.	.	.	3.0	8.0	14.7	11.5	18.5	26.6	74.0	4.1	4.2	0.42	26	46	14	C25
Nose, sinuses (C30-31)	4	0	.	.	.	.	.	.	.	.	.	1.0	.	.	1.9	.	3.0	1.9	0.2	0.2	0.03	50	50	25	C30-31
Larynx (C32)	15	0	.	.	.	.	.	.	.	.	.	1.0	3.4	6.5	3.8	2.6	3.0	5.8	0.8	0.9	0.10	73	20	24	C32
Lung, trachea and bronchus (C33-34)	152	3	.	.	.	.	.	.	.	2.6	6.3	20.8	14.9	34.3	44.2	52.7	47.2	44.8	7.8	9.3	1.14	42	43	7	C33-34
Melanoma of skin (C43)	45	2	.	.	.	1.0	0.5	0.6	2.5	1.9	3.2	5.9	9.2	4.9	3.8	7.9	3.0	9.7	2.3	2.4	0.23	87	11	17	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	2	0	.	.	.	.	.	.	0.6	.	.	1.0	.	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C46
Breast (C50)	994	19	.	.	.	0.5	0.5	3.7	16.9	38.8	80.3	148.4	150.5	174.5	190.1	203.0	239.0	259.0	51.1	56.7	6.35	77	17	1	C50
Cervix uteri (C53)	364	11	.	.	.	0.5	3.6	8.5	13.7	18.7	26.8	33.6	40.2	66.9	63.4	87.0	94.4	74.0	18.7	20.4	2.36	78	19	2	C53
Corpus uteri (C54)	82	4	.	.	.	.	0.5	.	0.6	1.9	2.4	6.9	5.7	19.6	21.1	23.7	35.4	27.3	4.2	4.9	0.62	89	10	10	C54
Ovary (C56)	132	4	.	.	2.1	1.0	1.0	0.6	1.9	4.5	5.5	12.9	13.8	31.0	21.1	42.2	35.4	37.0	6.8	7.6	0.89	70	20	8	C56
Kidney (C64)	49	2	1.2	0.6	.	.	0.5	.	1.2	1.9	2.4	7.9	3.4	8.2	1.9	5.3	5.9	27.3	2.5	2.6	0.21	63	27	16	C64
Bladder (C67)	41	0	.	.	.	.	.	.	.	.	0.8	2.0	3.4	6.5	3.8	18.5	23.6	27.3	2.1	2.3	0.29	73	17	18	C67
Brain, CNS (C70-72)	72	0	1.9	1.8	0.5	0.5	2.1	1.8	1.9	0.6	0.8	6.9	9.2	21.2	11.5	18.5	5.9	17.5	3.7	4.2	0.43	36	50	15	C70-72
Thyroid (C73)	310	6	.	0.6	1.6	3.8	6.2	9.1	15.0	16.8	26.0	47.5	36.8	47.3	42.3	55.4	35.4	35.1	15.9	16.9	1.75	93	4	3	C73
Hodgkin disease (C81)	27	0	.	0.6	.	0.5	1.6	3.7	1.2	0.6	3.2	1.0	2.3	.	3.8	.	5.9	3.9	1.4	1.3	0.12	85	15	23	C81
Non-Hodgkin lymphoma (C82-85;C96)	102	3	1.2	1.2	1.6	0.5	1.0	0.6	3.7	2.6	3.9	2.0	8.0	8.2	11.5	31.6	29.5	64.3	5.2	5.4	0.55	60	28	9	C82-85;C96
Multiple myeloma (C88-C90)	35	0	.	.	.	.	.	.	.	1.3	.	.	3.4	8.2	7.7	29.0	8.9	13.6	1.8	2.2	0.29	49	34	19	C88-C90
Lymphoid leukaemia (C91)	36	0	2.5	0.6	1.1	1.4	2.6	.	.	.	.	1.0	1.1	3.3	7.7	10.5	5.9	13.6	1.8	2.1	0.19	56	39		C91
Myeloid leukaemia (C92-94)	39	0	1.2	0.6	1.1	1.0	2.1	0.6	.	4.5	1.6	1.0	3.4	1.6	.	10.5	8.9	11.7	2.0	2.0	0.19	36	44		C92-94
Leukaemia unspecified (C95)	9	1	.	.	.	.	.	.	.	.	.	1.0	.	.	.	2.6	.	11.7	0.5	0.4	0.02	22	44		C95
Leukaemia (C91-95)	84	1	3.7	1.2	2.1	2.4	4.7	0.6	.	4.5	1.6	3.0	4.6	4.9	7.7	23.7	14.8	37.0	4.3	4.5	0.40	43	42	13	C91-95
Other and unspecified (O&U)	259	6	1.2	1.8	.	.	1.6	1.8	5.6	6.5	9.5	8.9	28.7	31.0	48.0	73.8	85.6	148.0	13.3	14.2	1.56	37	42	4	O&U
All sites but C44 (ALLbC44)	3741	84	13.6	10.9	10.1	13.9	27.1	40.8	69.3	120.2	210.3	380.0	428.6	619.9	689.4	893.8	988.5	1394.5	192.2	210.1	23.10	67	24		ALLbC44
All sites (ALL)	4579	133	14.2	10.9	10.1	14.3	29.1	47.5	82.4	144.7	248.1	436.4	487.2	743.9	846.9	1120.5	1198.0	1865.8	235.2	256.2	27.99	72	20		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

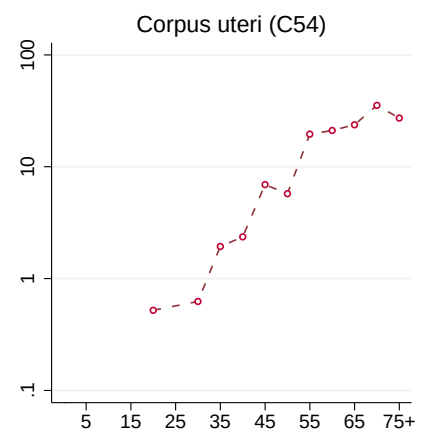
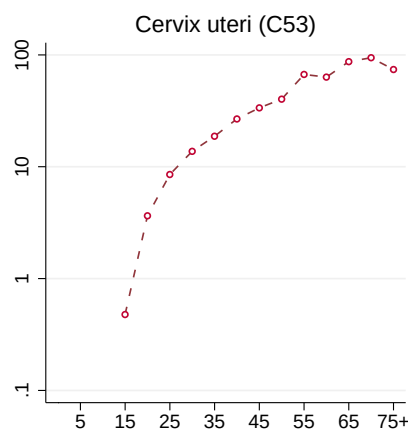
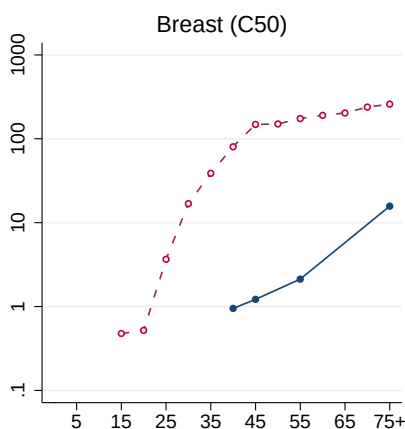
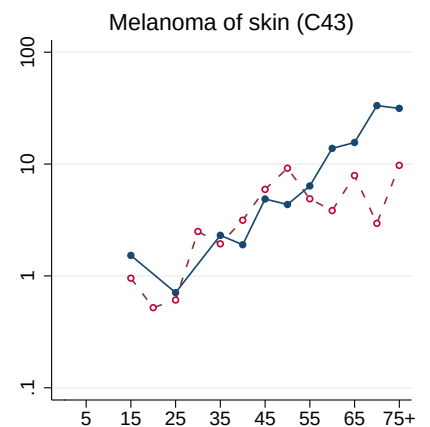
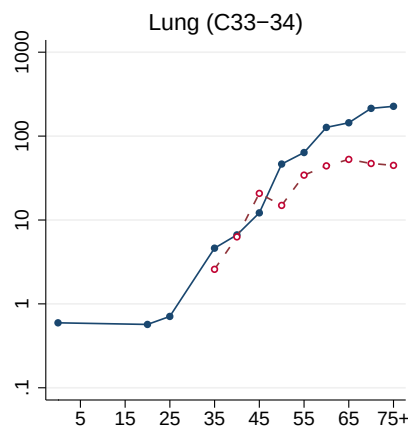
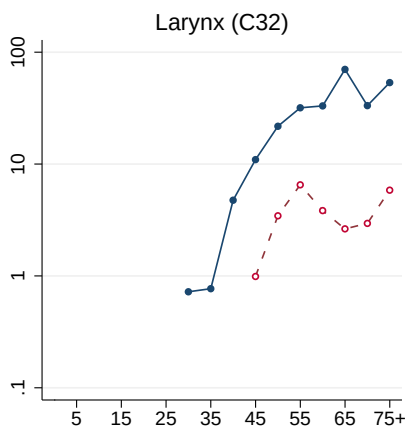
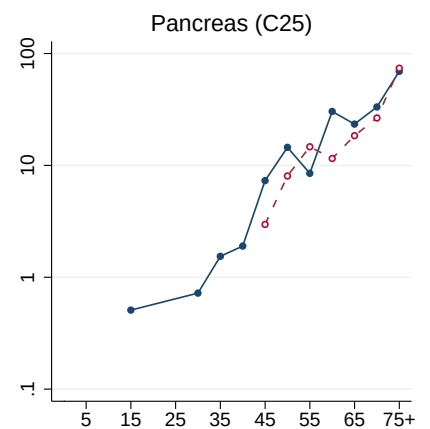
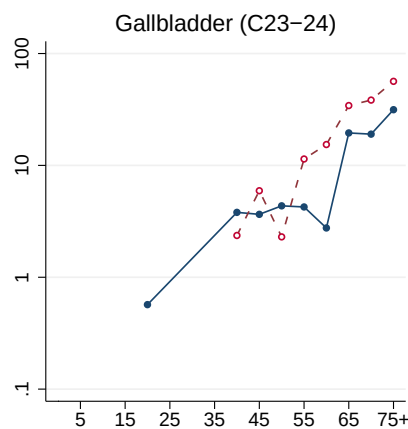
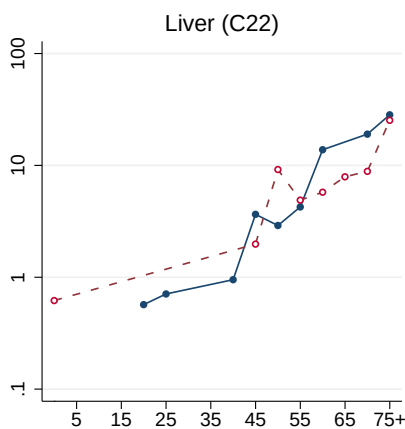
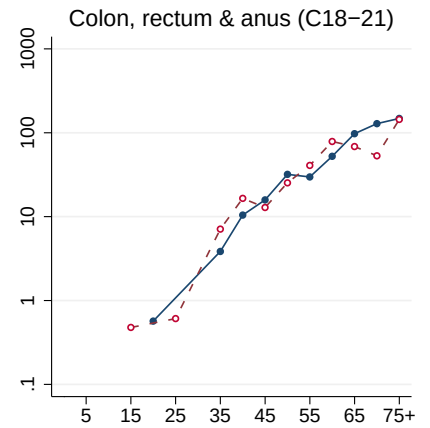
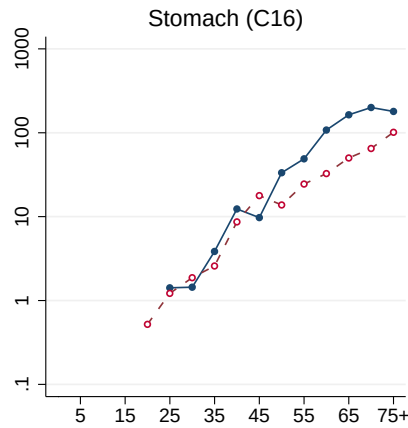
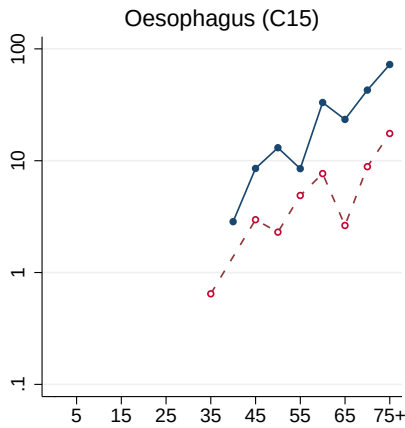
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

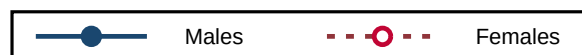
BRAZIL, NATAL (2000–2004)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



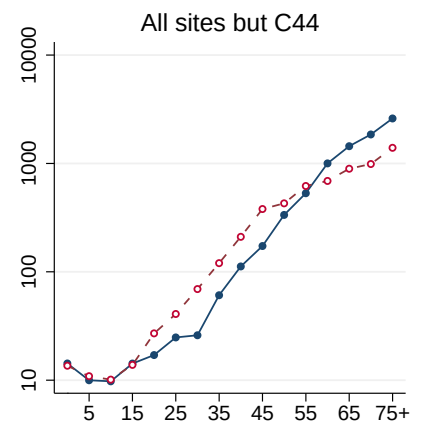
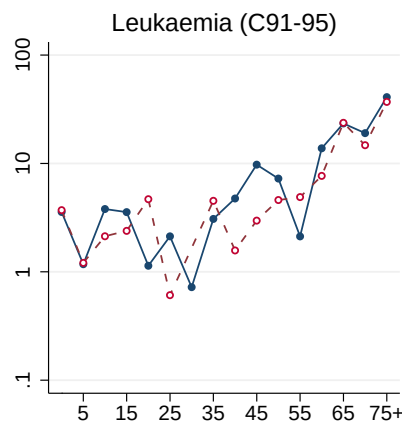
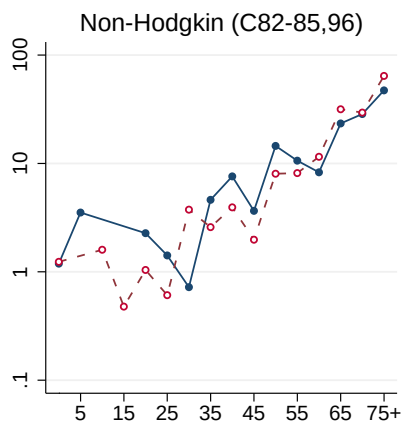
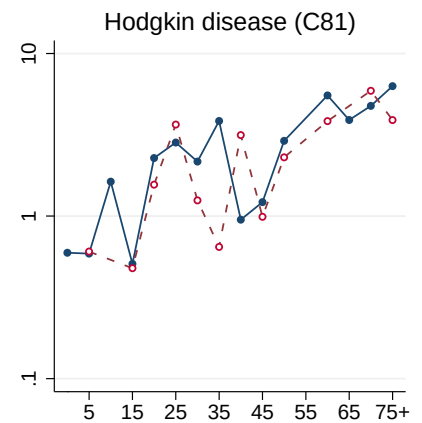
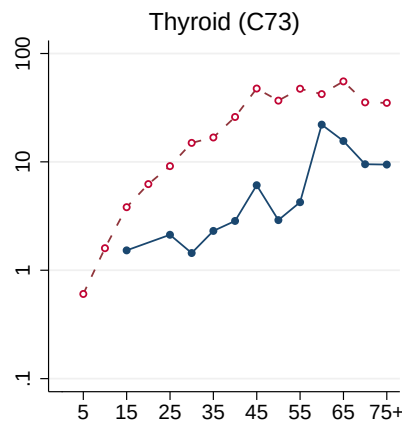
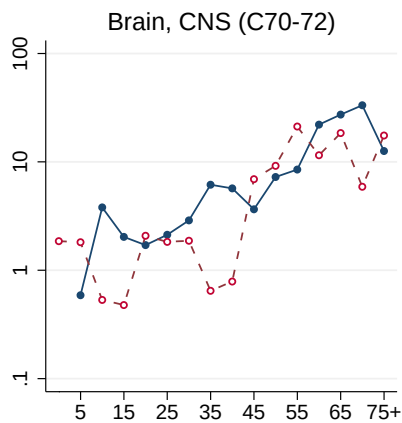
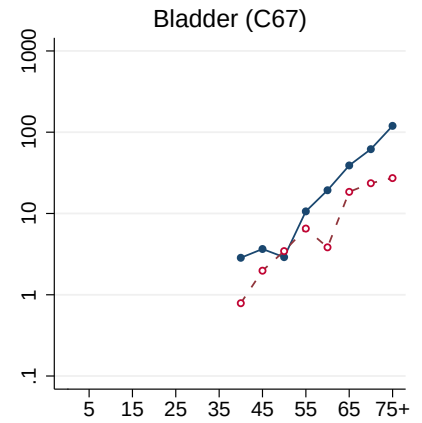
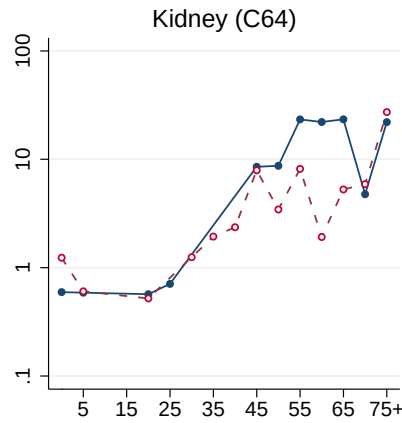
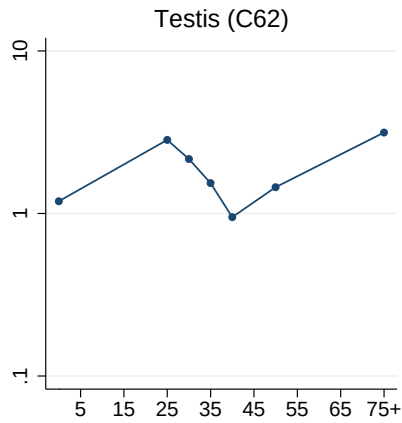
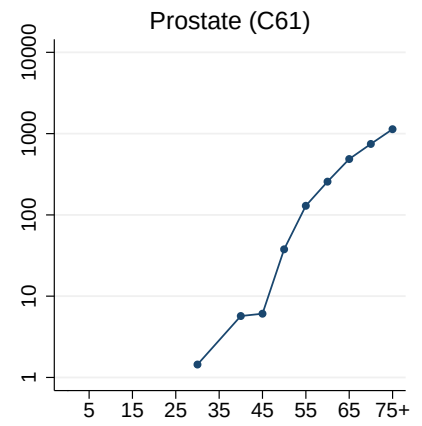
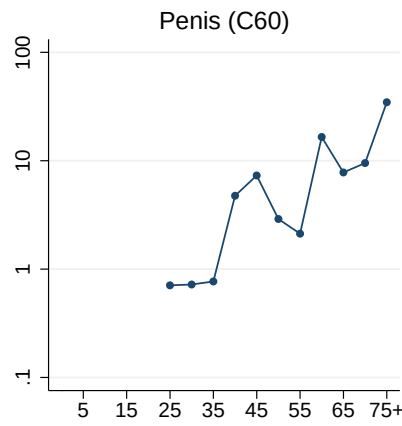
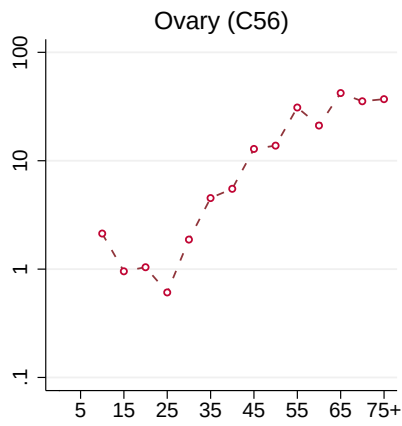
Age in Years



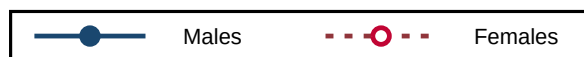
BRAZIL, NATAL (2000-2004)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

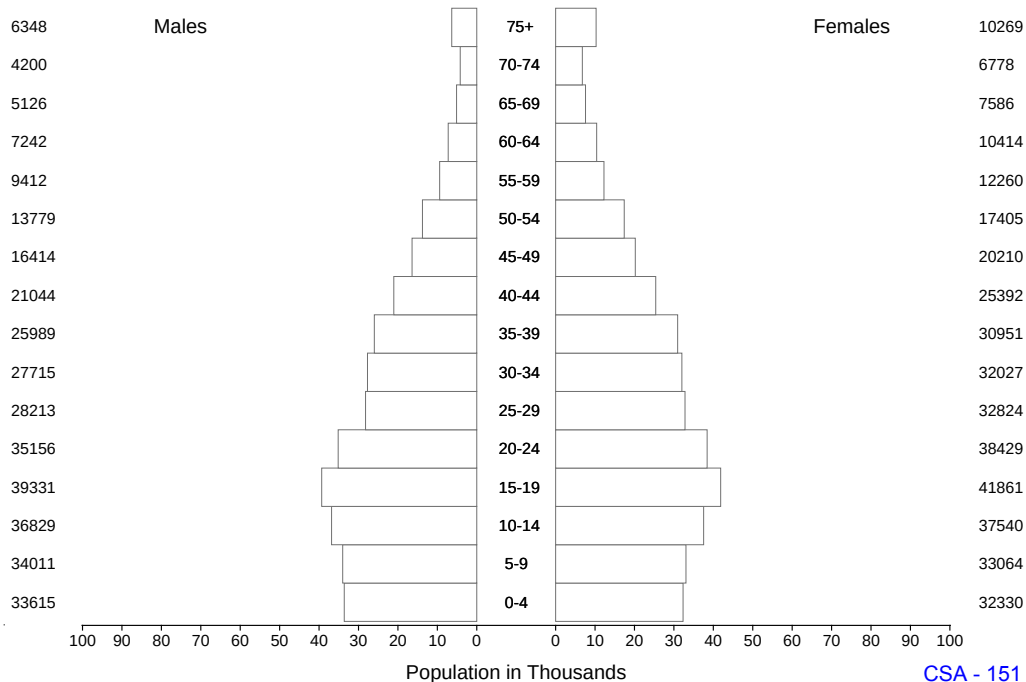


Age in Years



BRAZIL, NATAL (2000-2004)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, POÇOS DE CALDAS (2007–2011)

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BRAZIL, POÇOS DE CALDAS (2007-2011)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2007 n (%)	2008 n (%)	2009 n (%)	2010 n (%)	2011 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	10 (3.2)	16 (5.3)	7 (2.2)	12 (3.4)	11 (3.5)	56 (3.5)
Digestive organs (C15-C26)	48 (15.2)	44 (14.5)	44 (13.8)	49 (13.7)	60 (19.2)	245 (15.2)
Respiratory organs (C30-C39)	13 (4.1)	17 (5.6)	16 (5.0)	25 (7.0)	9 (2.9)	80 (5.0)
Bone, cartilage, and skin (C40-C44)	106 (33.7)	105 (34.5)	109 (34.1)	115 (32.1)	120 (38.5)	555 (34.5)
Breast (C50)	0 (0.0)	0 (0.0)	1 (0.3)	0 (0.0)	0 (0.0)	1 (0.1)
Male genitalia (C60-C63)	102 (32.4)	86 (28.3)	97 (30.3)	111 (31.0)	71 (22.8)	467 (29.0)
Urinary organs (C64-C68)	16 (5.1)	9 (3.0)	18 (5.6)	21 (5.9)	15 (4.8)	79 (4.9)
Eye, brain, and thyroid (C69-C75)	1 (0.3)	10 (3.3)	6 (1.9)	3 (0.8)	6 (1.9)	26 (1.6)
Hematopoietic (C81-C96)	15 (4.8)	13 (4.3)	12 (3.8)	19 (5.3)	18 (5.8)	77 (4.8)
Other and unspecified	4 (1.3)	4 (1.3)	10 (3.1)	3 (0.8)	2 (0.6)	23 (1.4)
All sites	315 (100.0)	304 (100.0)	320 (100.0)	358 (100.0)	312 (100.0)	1609 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3 (1.2)	5 (1.7)	5 (1.9)	3 (1.0)	3 (1.0)	19 (1.3)
Digestive organs (C15-C26)	39 (15.2)	41 (14.3)	27 (10.4)	44 (14.1)	37 (12.2)	188 (13.2)
Respiratory organs (C30-C39)	10 (3.9)	14 (4.9)	8 (3.1)	6 (1.9)	14 (4.6)	52 (3.7)
Bone, cartilage, and skin (C40-C44)	91 (35.4)	110 (38.3)	122 (47.1)	137 (43.8)	137 (45.1)	597 (42.0)
Breast (C50)	51 (19.8)	44 (15.3)	48 (18.5)	59 (18.8)	54 (17.8)	256 (18.0)
Female genitalia (C51-C58)	23 (8.9)	25 (8.7)	20 (7.7)	21 (6.7)	20 (6.6)	109 (7.7)
Urinary organs (C64-C68)	9 (3.5)	6 (2.1)	2 (0.8)	9 (2.9)	5 (1.6)	31 (2.2)
Eye, brain, and thyroid (C69-C75)	7 (2.7)	13 (4.5)	9 (3.5)	11 (3.5)	13 (4.3)	53 (3.7)
Hematopoietic (C81-C96)	10 (3.9)	20 (7.0)	10 (3.9)	15 (4.8)	16 (5.3)	71 (5.0)
Other and unspecified	14 (5.4)	9 (3.1)	8 (3.1)	8 (2.6)	5 (1.6)	44 (3.1)
All sites	257 (100.0)	287 (100.0)	259 (100.0)	313 (100.0)	304 (100.0)	1420 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	13 (2.3)	21 (3.6)	12 (2.1)	15 (2.2)	14 (2.3)	75 (2.5)
Digestive organs (C15-C26)	87 (15.2)	85 (14.4)	71 (12.3)	93 (13.9)	97 (15.7)	433 (14.3)
Respiratory organs (C30-C39)	23 (4.0)	31 (5.2)	24 (4.1)	31 (4.6)	23 (3.7)	132 (4.4)
Bone, cartilage, and skin (C40-C44)	197 (34.4)	215 (36.4)	231 (39.9)	252 (37.6)	257 (41.7)	1152 (38.0)
Urinary organs (C64-C68)	25 (4.4)	15 (2.5)	20 (3.5)	30 (4.5)	20 (3.2)	110 (3.6)
Eye, brain, and thyroid (C69-C75)	8 (1.4)	23 (3.9)	15 (2.6)	14 (2.1)	19 (3.1)	79 (2.6)
Hematopoietic (C81-C96)	25 (4.4)	33 (5.6)	22 (3.8)	34 (5.1)	34 (5.5)	148 (4.9)
Other and unspecified	18 (3.1)	13 (2.2)	18 (3.1)	11 (1.6)	7 (1.1)	67 (2.2)
All sites	572 (100.0)	591 (100.0)	579 (100.0)	671 (100.0)	616 (100.0)	3029 (100.0)

BRAZIL, POÇOS DE CALDAS (2007-2011)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2007 ASR (%)	2008 ASR (%)	2009 ASR (%)	2010 ASR (%)	2011 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	12.3 (3.2)	19.2 (5.1)	7.9 (2.0)	14.2 (3.4)	12.4 (3.5)	13.2 (3.4)
Digestive organs (C15-C26)	56.0 (14.6)	55.4 (14.7)	55.1 (14.1)	57.7 (14.0)	71.6 (20.0)	59.4 (15.4)
Respiratory organs (C30-C39)	16.7 (4.3)	21.7 (5.7)	19.7 (5.0)	29.5 (7.2)	10.5 (2.9)	19.6 (5.1)
Bone, cartilage, and skin (C40-C44)	128.9 (33.5)	128.4 (34.0)	129.4 (33.2)	127.5 (30.9)	136.1 (38.0)	130.2 (33.9)
Breast (C50)	0 (0.0)	0 (0.0)	1.0 (0.2)	0 (0.0)	0 (0.0)	0.2 (0.1)
Male genitalia (C60-C63)	124.7 (32.4)	107.8 (28.5)	119.4 (30.7)	130.1 (31.5)	80.1 (22.4)	112.1 (29.2)
Urinary organs (C64-C68)	20.5 (5.3)	10.5 (2.8)	22.6 (5.8)	23.1 (5.6)	17.3 (4.8)	18.8 (4.9)
Eye, brain, and thyroid (C69-C75)	1.2 (0.3)	12.5 (3.3)	7.1 (1.8)	3.7 (0.9)	6.9 (1.9)	6.1 (1.6)
Hematopoietic (C81-C96)	19.7 (5.1)	17.1 (4.5)	16.2 (4.2)	23.3 (5.6)	20.6 (5.7)	19.4 (5.0)
Other and unspecified	4.7 (1.2)	5.3 (1.4)	11.2 (2.9)	3.5 (0.8)	2.5 (0.7)	5.4 (1.4)
All sites	384.6 (100.0)	377.9 (100.0)	389.4 (100.0)	412.5 (100.0)	358.0 (100.0)	384.5 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3.5 (1.4)	5.3 (1.8)	5.6 (2.1)	2.1 (0.7)	3.5 (1.2)	3.9 (1.4)
Digestive organs (C15-C26)	39.3 (15.1)	43.4 (14.6)	26.5 (10.0)	39.2 (13.6)	32.5 (11.6)	36.1 (13.0)
Respiratory organs (C30-C39)	11.6 (4.5)	14.6 (4.9)	8.4 (3.2)	5.8 (2.0)	12.7 (4.6)	10.5 (3.8)
Bone, cartilage, and skin (C40-C44)	85.4 (32.9)	105.3 (35.4)	121.8 (46.0)	124.0 (42.9)	121.0 (43.4)	111.7 (40.2)
Breast (C50)	53.9 (20.8)	47.8 (16.1)	51.4 (19.4)	56.5 (19.5)	54.0 (19.4)	52.9 (19.1)
Female genitalia (C51-C58)	24.2 (9.3)	27.4 (9.2)	22.1 (8.3)	20.1 (6.9)	19.2 (6.9)	22.4 (8.1)
Urinary organs (C64-C68)	8.7 (3.3)	7.6 (2.6)	2.4 (0.9)	7.9 (2.7)	3.6 (1.3)	6.0 (2.2)
Eye, brain, and thyroid (C69-C75)	8.4 (3.2)	15.7 (5.3)	10.0 (3.8)	12.5 (4.3)	12.8 (4.6)	11.9 (4.3)
Hematopoietic (C81-C96)	9.7 (3.7)	20.8 (7.0)	9.4 (3.6)	13.7 (4.7)	14.7 (5.3)	13.7 (4.9)
Other and unspecified	14.8 (5.7)	9.5 (3.2)	7.4 (2.8)	7.3 (2.5)	4.8 (1.7)	8.7 (3.1)
All sites	259.6 (100.0)	297.5 (100.0)	265.0 (100.0)	289.2 (100.0)	278.7 (100.0)	277.8 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	7.5 (2.4)	11.8 (3.5)	6.5 (2.0)	7.7 (2.2)	7.5 (2.4)	8.2 (2.5)
Digestive organs (C15-C26)	46.8 (14.8)	48.7 (14.7)	39.6 (12.3)	47.6 (13.9)	50.5 (16.1)	46.7 (14.4)
Respiratory organs (C30-C39)	14.0 (4.4)	17.7 (5.3)	13.4 (4.2)	16.5 (4.8)	11.7 (3.7)	14.5 (4.5)
Bone, cartilage, and skin (C40-C44)	105.4 (33.4)	115.9 (34.9)	125.6 (39.1)	125.1 (36.5)	127.7 (40.8)	120.1 (37.0)
Urinary organs (C64-C68)	14.2 (4.5)	8.6 (2.6)	11.4 (3.6)	14.7 (4.3)	10.1 (3.2)	11.8 (3.6)
Eye, brain, and thyroid (C69-C75)	4.9 (1.6)	14.1 (4.3)	8.6 (2.7)	8.3 (2.4)	9.9 (3.2)	9.1 (2.8)
Hematopoietic (C81-C96)	14.5 (4.6)	19.1 (5.8)	12.8 (4.0)	18.2 (5.3)	17.1 (5.5)	16.4 (5.0)
Other and unspecified	10.2 (3.2)	7.6 (2.3)	9.1 (2.8)	5.6 (1.6)	3.7 (1.2)	7.2 (2.2)
All sites	315.4 (100.0)	332.3 (100.0)	320.8 (100.0)	342.8 (100.0)	313.4 (100.0)	324.9 (100.0)

BRAZIL, POÇOS DE CALDAS (2007-2011)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	56	0	.	.	.	.	.	.	.	11.0	7.8	8.3	40.7	62.9	48.4	58.6	90.0	77.1	15.0	13.2	1.64	98	2	6	C00-14
Oesophagus (C15)	30	0	.	.	.	.	.	.	.	.	3.9	16.5	27.1	36.7	20.7	39.1	25.7	28.9	8.0	7.1	0.85	97	3	7	C15
Stomach (C16)	78	0	.	.	.	.	3.0	.	.	11.0	7.8	16.5	31.6	47.2	76.0	117.3	115.7	192.7	20.9	18.6	2.13	94	6	3	C16
Colon (C18)	41	0	.	.	.	.	3.0	.	3.2	.	.	.	18.1	21.0	20.7	127.0	115.7	57.8	11.0	10.3	1.54	98	2	.	C18
Rectum (C19-20)	41	0	.	.	.	.	.	.	.	.	7.8	8.3	4.5	47.2	34.6	58.6	90.0	86.7	11.0	9.8	1.25	98	2	.	C19-20
Colorectal (C18-20)	82	0	.	.	.	.	3.0	.	3.2	.	7.8	8.3	22.6	68.1	55.3	185.7	205.7	144.5	22.0	20.0	2.80	98	2	2	C18-20
Anus (C21)	2	0	.	.	.	.	.	.	.	.	.	4.1	4.5	.	.	.	.	.	0.5	0.5	0.04	100	0	24	C21
Colon, rectum and anus (C18-21)	84	0	.	.	.	.	3.0	.	3.2	.	7.8	12.4	27.1	68.1	55.3	185.7	205.7	144.5	22.5	20.5	2.84	98	2	.	C18-21
Liver (C22)	17	0	3.9	.	.	.	.	.	.	.	7.8	4.1	9.0	5.2	34.6	19.5	25.7	9.6	4.6	4.5	0.55	47	41	14	C22
Gallbladder (C23-24)	5	0	.	.	.	.	.	.	.	.	3.9	.	4.5	.	.	9.8	25.7	.	1.3	1.3	0.22	100	0	20	C23-24
Pancreas (C25)	16	0	.	.	.	.	.	.	.	3.7	.	4.1	13.6	10.5	20.7	9.8	12.9	38.5	4.3	3.7	0.38	88	13	17	C25
Nose, sinuses (C30-31)	1	0	.	.	.	.	.	.	.	.	.	.	.	5.2	.	.	.	.	0.3	0.2	0.03	100	0	25	C30-31
Larynx (C32)	19	0	.	.	.	.	.	.	.	3.7	.	12.4	18.1	21.0	6.9	29.3	38.6	.	5.1	4.6	0.65	95	5	12	C32
Lung, trachea and bronchus (C33-34)	59	0	.	.	.	.	.	.	.	.	.	4.1	4.5	47.2	34.6	127.0	231.4	115.6	15.8	14.5	2.24	85	8	5	C33-34
Melanoma of skin (C43)	25	0	3.9	.	.	.	.	.	9.5	3.7	3.9	8.3	4.5	26.2	6.9	.	64.3	48.2	6.7	5.8	0.66	100	0	10	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	5.2	6.9	.	.	.	0.5	0.5	0.06	100	0	23	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9.6	0.3	0.2	0.00	100	0	26	C50
Penis (C60)	2	0	.	.	.	.	.	.	.	.	.	4.1	.	.	6.9	.	.	.	0.5	0.5	0.06	100	0	22	C60
Prostate (C61)	445	0	.	.	.	.	.	.	.	3.7	7.8	12.4	131.1	267.2	518.3	713.3	1105.5	1204.5	119.4	107.0	13.80	96	3	1	C61
Testis (C62)	20	0	.	.	.	6.5	6.0	17.4	15.9	.	7.8	4.1	.	5.2	6.9	.	.	.	5.4	4.6	0.35	100	0	13	C62
Kidney (C64)	15	0	.	.	.	.	.	.	3.2	3.7	3.9	8.3	13.6	10.5	.	19.5	12.9	19.3	4.0	3.5	0.38	87	7	18	C64
Bladder (C67)	62	0	.	.	.	.	.	.	6.4	.	3.9	12.4	22.6	31.4	69.1	127.0	51.4	173.4	16.6	14.8	1.62	95	5	4	C67
Brain, CNS (C70-72)	19	0	.	.	3.4	.	3.0	.	9.5	3.7	3.9	12.4	9.0	10.5	6.9	9.8	.	28.9	5.1	4.3	0.36	79	16	15	C70-72
Thyroid (C73)	5	0	.	.	.	.	.	.	.	.	.	.	.	10.5	13.8	.	.	9.6	1.3	1.2	0.12	80	20	21	C73
Hodgkin disease (C81)	6	0	.	.	3.4	.	3.0	2.9	.	.	.	.	4.5	5.2	.	.	.	9.6	1.6	1.4	0.10	83	17	19	C81
Non-Hodgkin lymphoma (C82-85,C96)	27	0	3.9	.	.	.	.	2.9	.	.	3.9	.	4.5	5.2	20.7	58.6	51.4	86.7	7.2	6.7	0.76	89	4	8	C82-85,C96
Multiple myeloma (C88-C90)	20	0	.	.	.	.	.	.	.	3.7	.	12.4	.	.	34.6	48.9	38.6	28.9	5.4	5.2	0.69	70	15	11	C88-C90
Lymphoid leukaemia (C91)	11	0	.	3.7	3.4	.	.	.	.	3.7	.	.	4.5	5.2	20.7	19.5	.	9.6	3.0	2.9	0.30	82	0	.	C91
Myeloid leukaemia (C92-94)	10	0	.	.	3.4	.	.	2.9	.	.	7.8	4.1	9.0	5.2	6.9	.	12.9	.	2.7	2.5	0.26	80	20	.	C92-94
Leukaemia unspecified (C95)	3	0	.	.	.	.	.	.	.	.	3.9	.	.	.	.	.	12.9	9.6	0.8	0.7	0.08	0	100	.	C95
Leukaemia (C91-95)	24	0	.	3.7	6.9	.	.	2.9	.	3.7	11.7	4.1	13.6	10.5	27.6	19.5	25.7	19.3	6.4	6.1	0.65	71	21	9	C91-95
Other and unspecified (O&U)	16	0	.	.	.	.	.	.	3.2	3.7	3.9	.	.	10.5	6.9	48.9	12.9	38.5	4.3	3.8	0.45	50	44	16	O&U
All sites but C44 (ALLbC44)	1082	0	11.8	7.4	13.8	13.1	21.0	26.0	54.1	54.9	90.0	165.4	384.2	712.5	1064.2	1670.9	2159.7	2351.1	290.3	260.8	32.24	92	6	.	ALLbC44
All sites (ALL)	1609	1	11.8	11.1	17.2	13.1	29.9	31.8	73.2	98.8	164.3	277.0	596.6	1058.3	1492.6	2374.4	2931.0	3777.2	431.7	384.5	45.93	94	4	.	ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, POÇOS DE CALDAS (2007-2011)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	19	0	.	.	7.1	.	.	.	3.1	.	3.6	7.4	4.0	13.9	12.4	16.5	10.3	25.6	4.8	3.9	0.39	100	0	14	C00-14
Oesophagus (C15)	6	0	.	.	.	.	.	.	.	.	.	3.7	4.0	13.9	.	.	.	6.4	1.5	1.1	0.11	100	0	20	C15
Stomach (C16)	49	0	.	.	.	.	.	.	.	6.8	7.2	14.8	27.8	.	37.3	33.0	51.7	121.6	12.5	9.1	0.89	90	10	4	C16
Colon (C18)	42	0	.	.	.	.	.	.	3.1	6.8	3.6	7.4	15.9	41.8	49.8	24.8	31.0	57.6	10.7	8.2	0.92	95	5		C18
Rectum (C19-20)	45	0	.	.	.	.	.	.	3.1	.	3.6	11.1	27.8	18.6	37.3	49.5	51.7	76.8	11.5	8.7	1.01	100	0		C19-20
Colorectal (C18-20)	87	0	.	.	.	.	.	.	6.2	6.8	7.2	18.5	43.6	60.3	87.1	74.3	82.8	134.4	22.2	17.0	1.93	98	2	2	C18-20
Anus (C21)	3	0	.	.	.	.	.	.	.	3.4	.	.	4.0	.	.	8.3	.	.	0.8	0.7	0.08	100	0	22	C21
Colon, rectum and anus (C18-21)	90	0	.	.	.	.	.	.	6.2	10.3	7.2	18.5	47.6	60.3	87.1	82.5	82.8	134.4	22.9	17.6	2.01	98	2		C18-21
Liver (C22)	3	0	.	.	.	.	.	.	.	3.4	.	.	.	.	.	.	.	12.8	0.8	0.5	0.02	100	0	23	C22
Gallbladder (C23-24)	10	0	.	.	.	.	.	.	.	3.4	3.6	.	4.0	9.3	.	.	20.7	19.2	2.5	1.8	0.20	80	20	19	C23-24
Pancreas (C25)	19	0	.	.	.	.	.	2.9	.	.	.	3.7	.	13.9	18.7	24.8	41.4	25.6	4.8	3.8	0.53	79	21	15	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26	C30-31
Larynx (C32)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26	C32
Lung, trachea and bronchus (C33-34)	52	0	.	.	.	.	.	2.9	.	3.4	10.7	3.7	35.7	27.8	37.3	66.0	82.8	57.6	13.3	10.5	1.35	85	13	3	C33-34
Melanoma of skin (C43)	34	0	.	.	.	.	.	.	12.4	6.8	17.9	11.1	15.9	9.3	18.7	16.5	41.4	32.0	8.7	6.8	0.75	94	3	9	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26	C46
Breast (C50)	256	0	.	.	.	.	6.1	5.8	24.7	34.2	78.8	125.6	83.3	134.6	280.0	189.8	269.0	217.6	65.3	52.9	6.16	98	1	1	C50
Cervix uteri (C53)	33	0	.	.	.	.	3.1	.	3.1	6.8	25.1	18.5	19.8	27.8	6.2	24.8	10.3	6.4	8.4	6.9	0.73	100	0	8	C53
Corpus uteri (C54)	39	0	.	.	.	.	.	5.8	3.1	6.8	.	.	19.8	13.9	37.3	57.8	72.4	38.4	9.9	8.1	1.09	97	0	5	C54
Ovary (C56)	24	0	.	.	3.5	.	.	2.9	.	3.4	3.6	7.4	7.9	23.2	18.7	16.5	20.7	25.6	6.1	4.9	0.54	92	4	11	C56
Kidney (C64)	9	0	.	3.8	.	.	.	.	.	.	.	.	4.0	9.3	12.4	8.3	10.3	6.4	2.3	2.0	0.24	89	0	18	C64
Bladder (C67)	22	0	.	.	.	.	.	.	.	.	.	.	4.0	9.3	24.9	16.5	31.0	64.0	5.6	4.0	0.43	95	5	13	C67
Brain, CNS (C70-72)	18	0	4.1	.	.	.	.	.	.	3.4	3.6	14.8	4.0	13.9	18.7	16.5	.	12.8	4.6	4.0	0.39	67	22	12	C70-72
Thyroid (C73)	32	0	.	.	3.5	6.8	.	2.9	9.3	17.1	10.7	14.8	7.9	23.2	12.4	8.3	20.7	6.4	8.2	6.9	0.69	91	3	7	C73
Hodgkin disease (C81)	4	0	.	.	.	6.8	.	.	.	.	3.6	.	.	.	6.2	.	.	.	1.0	1.1	0.08	100	0	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	37	0	.	3.8	.	.	.	2.9	.	.	3.6	7.4	19.8	41.8	24.9	24.8	10.3	64.0	9.4	7.2	0.70	95	3	6	C82-85;C96
Multiple myeloma (C88-C90)	17	0	.	.	.	.	.	.	.	.	3.6	.	4.0	9.3	6.2	16.5	31.0	44.8	4.3	3.0	0.35	76	18	16	C88-C90
Lymphoid leukaemia (C91)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	6.2	.	.	6.4	0.5	0.4	0.03	100	0		C91
Myeloid leukaemia (C92-94)	8	0	.	.	.	.	.	2.9	.	.	3.6	3.7	7.9	.	.	8.3	.	12.8	2.0	1.6	0.13	88	13		C92-94
Leukaemia unspecified (C95)	3	0	.	.	.	.	.	.	3.1	.	.	.	.	4.6	.	.	.	6.4	0.8	0.5	0.04	67	33		C95
Leukaemia (C91-95)	13	0	.	.	.	.	.	2.9	3.1	.	3.6	3.7	7.9	4.6	6.2	8.3	.	25.6	3.3	2.4	0.20	85	15	17	C91-95
Other and unspecified (O&U)	26	0	.	.	.	.	.	.	.	.	3.6	7.4	.	27.8	6.2	33.0	62.1	38.4	6.6	5.0	0.70	42	54	10	O&U
All sites but C44 (ALLbC44)	860	0	12.2	7.6	14.1	17.1	9.2	29.2	64.8	112.8	197.1	273.4	349.1	501.3	709.2	684.9	941.3	1062.6	219.2	173.5	19.62	91	7		ALLbC44
All sites (ALL)	1420	0	12.2	7.6	14.1	17.1	12.2	29.2	77.2	153.8	286.7	399.0	491.9	798.3	1032.7	1254.2	1634.4	2317.2	361.9	277.8	31.10	95	4		ALL

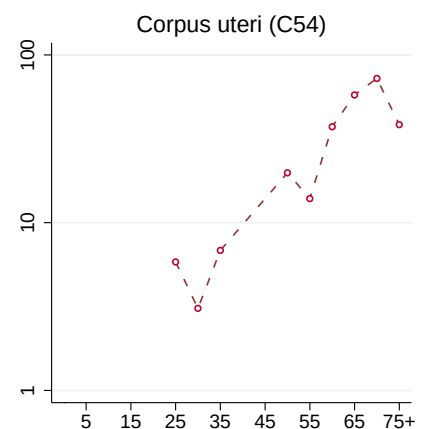
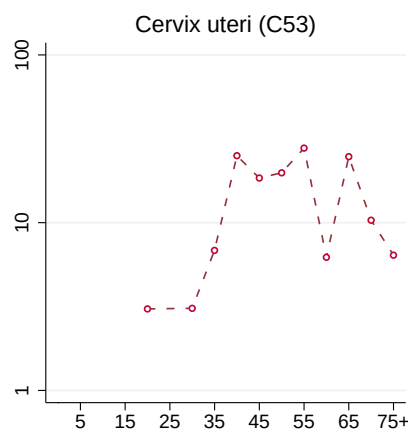
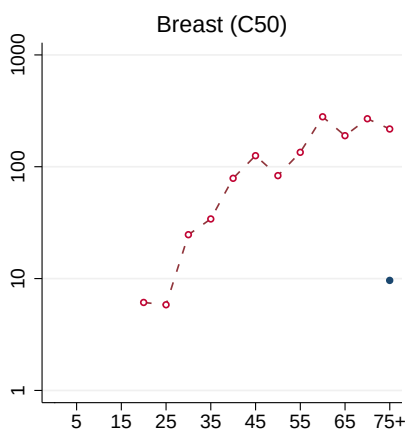
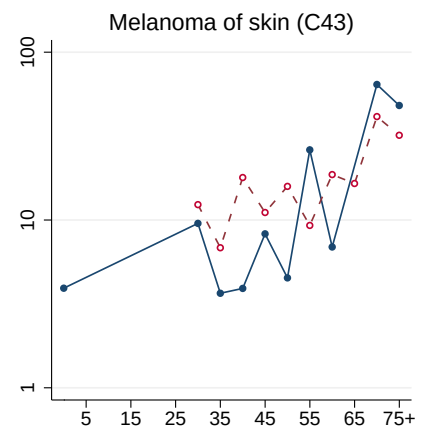
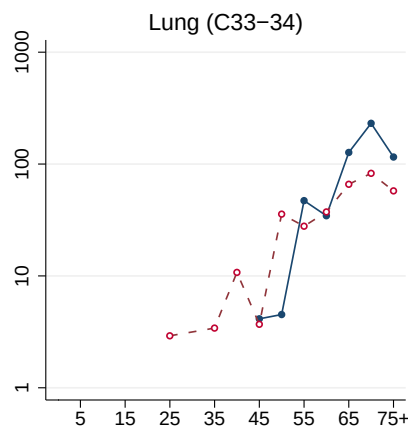
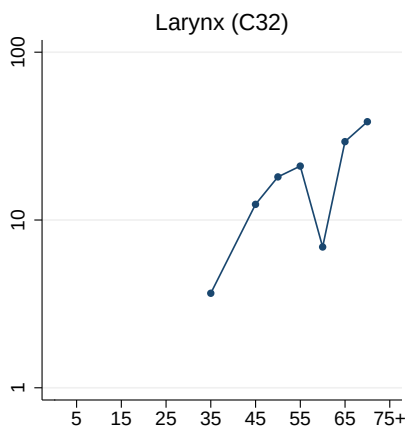
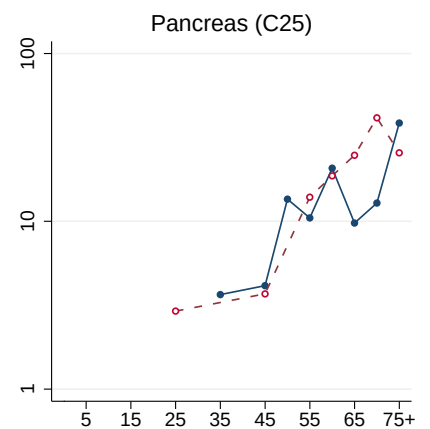
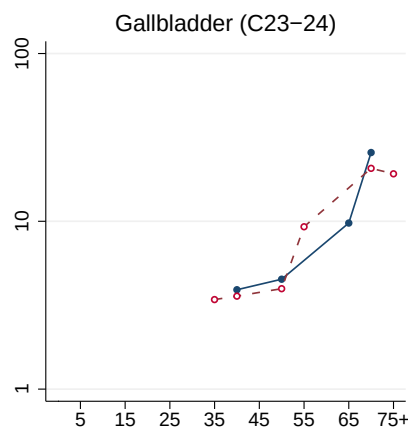
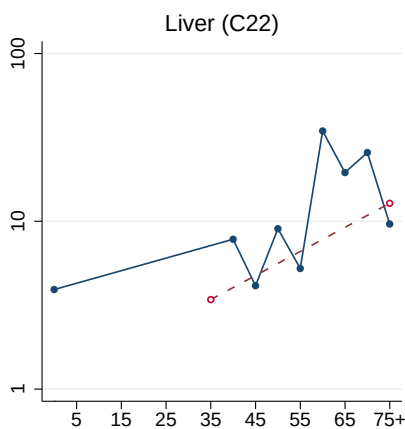
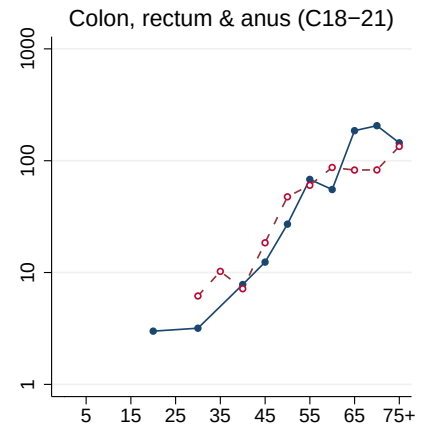
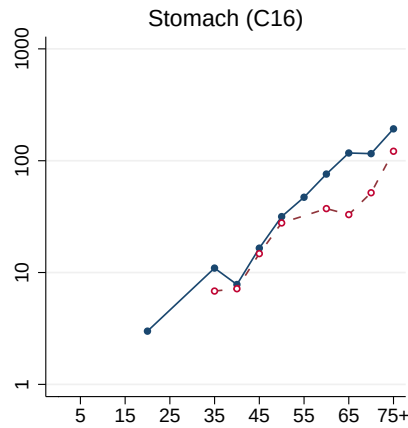
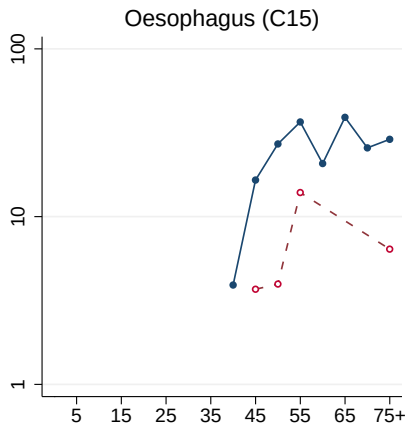
UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

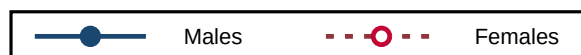
BRAZIL, POÇOS DE CALDAS (2007–2011)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



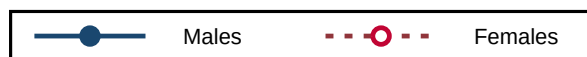
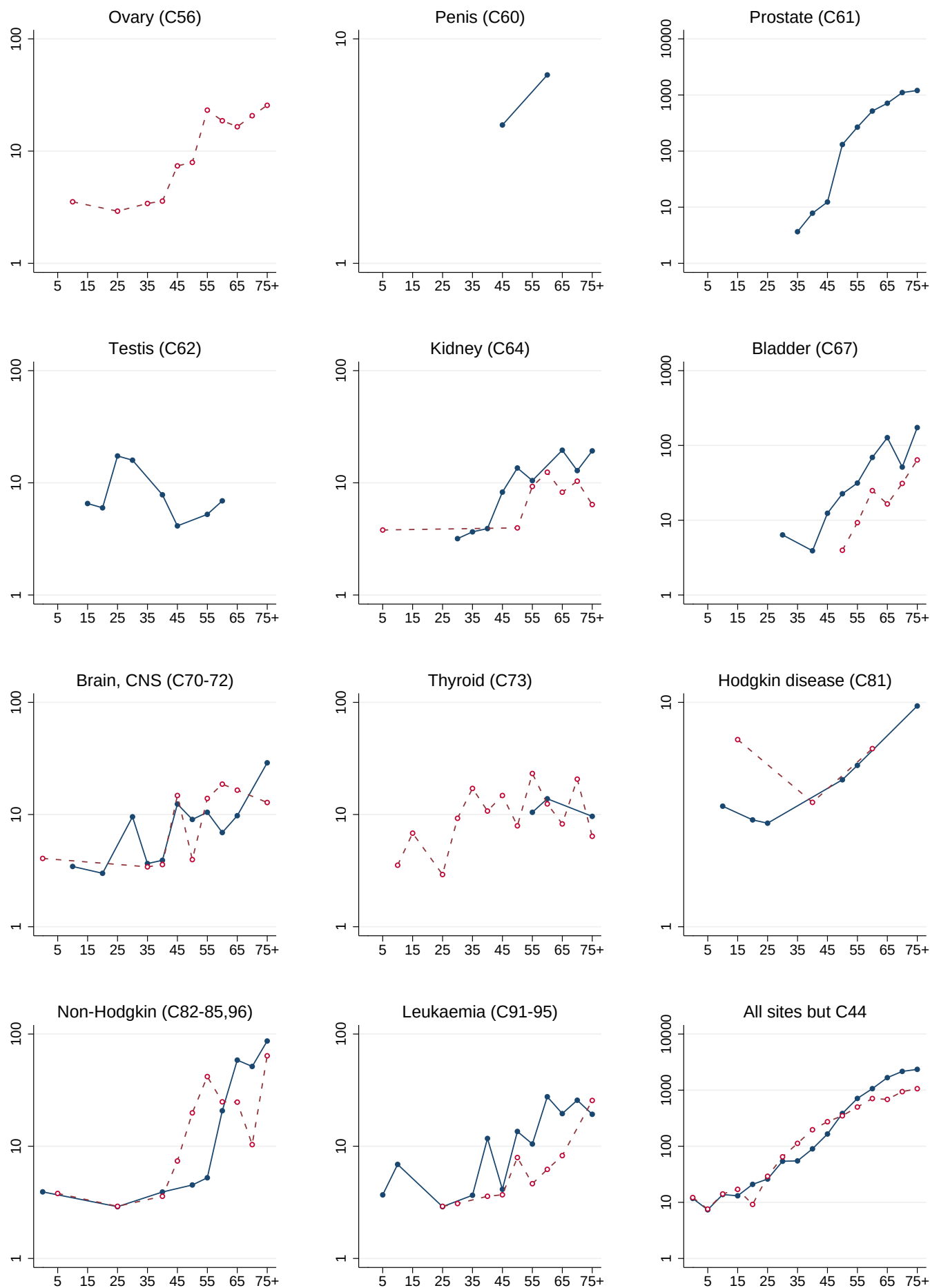
Age in Years



BRAZIL, POÇOS DE CALDAS (2007-2011)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

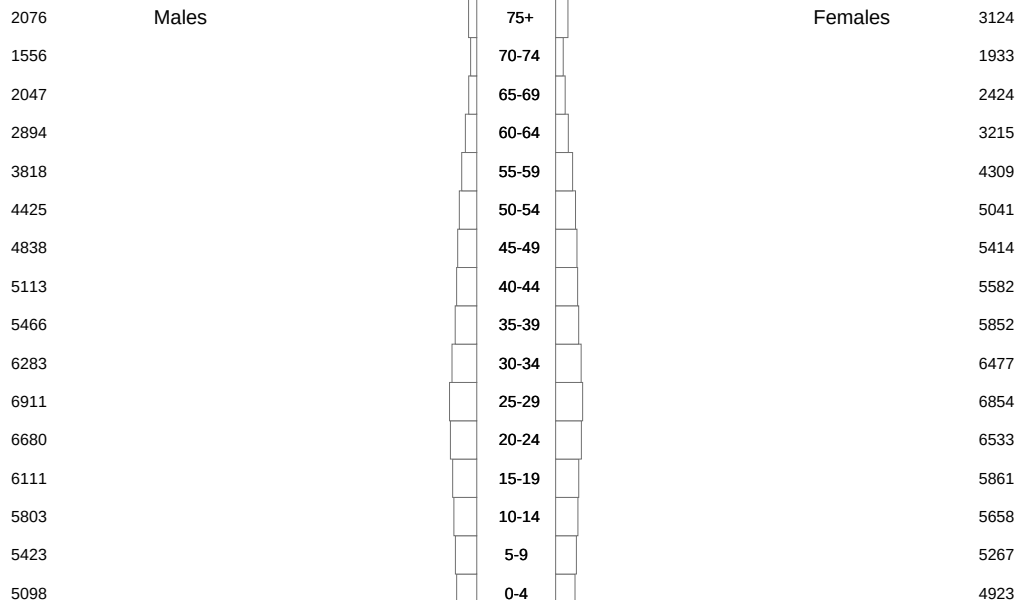


BRAZIL, POÇOS DE CALDAS (2007-2011)

Average annual person-years

Males

Females



100 90 80 70 60 50 40 30 20 10 0 0 10 20 30 40 50 60 70 80 90 100

Population in Thousands

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Registry Summary Tables and Figures

BRAZIL, PORTO ALEGRE (2003-2005)

Registry Director*: Dr Angela Maria Schmidt

Registry Staff*: Cristina Schlottgen, Adriana Vier Azevedo, Fausto Nunes Steckel, Julia Almeida Godoy, Tarine Christ Trennepohl

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, PORTO ALEGRE (2003-2005)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	132 (4.9)	124 (4.2)	115 (3.8)	371 (4.3)
Digestive organs (C15-C26)	568 (21.2)	576 (19.4)	570 (18.8)	1714 (19.7)
Respiratory organs (C30-C39)	470 (17.5)	465 (15.6)	474 (15.6)	1409 (16.2)
Bone, cartilage, and skin (C40-C44)	434 (16.2)	462 (15.5)	474 (15.6)	1370 (15.8)
Breast (C50)	5 (0.2)	3 (0.1)	9 (0.3)	17 (0.2)
Male genitalia (C60-C63)	543 (20.2)	766 (25.8)	791 (26.1)	2100 (24.2)
Urinary organs (C64-C68)	151 (5.6)	164 (5.5)	178 (5.9)	493 (5.7)
Eye, brain, and thyroid (C69-C75)	68 (2.5)	85 (2.9)	82 (2.7)	235 (2.7)
Hematopoietic (C81-C96)	176 (6.6)	188 (6.3)	199 (6.6)	563 (6.5)
Other and unspecified	138 (5.1)	139 (4.7)	139 (4.6)	416 (4.8)
All sites	2685 (100.0)	2972 (100.0)	3031 (100.0)	8688 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	43 (1.4)	35 (1.2)	37 (1.2)	115 (1.3)
Digestive organs (C15-C26)	525 (17.7)	541 (17.8)	569 (18.4)	1635 (17.9)
Respiratory organs (C30-C39)	238 (8.0)	276 (9.1)	242 (7.8)	756 (8.3)
Bone, cartilage, and skin (C40-C44)	426 (14.3)	479 (15.8)	529 (17.1)	1434 (15.7)
Breast (C50)	826 (27.8)	844 (27.8)	857 (27.7)	2527 (27.7)
Female genitalia (C51-C58)	397 (13.4)	353 (11.6)	318 (10.3)	1068 (11.7)
Urinary organs (C64-C68)	85 (2.9)	101 (3.3)	102 (3.3)	288 (3.2)
Eye, brain, and thyroid (C69-C75)	131 (4.4)	121 (4.0)	123 (4.0)	375 (4.1)
Hematopoietic (C81-C96)	155 (5.2)	159 (5.2)	168 (5.4)	482 (5.3)
Other and unspecified	146 (4.9)	131 (4.3)	153 (4.9)	430 (4.7)
All sites	2972 (100.0)	3040 (100.0)	3098 (100.0)	9110 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	175 (3.1)	159 (2.6)	152 (2.5)	486 (2.7)
Digestive organs (C15-C26)	1093 (19.3)	1117 (18.6)	1139 (18.6)	3349 (18.8)
Respiratory organs (C30-C39)	708 (12.5)	741 (12.3)	716 (11.7)	2165 (12.2)
Bone, cartilage, and skin (C40-C44)	860 (15.2)	941 (15.7)	1003 (16.4)	2804 (15.8)
Urinary organs (C64-C68)	236 (4.2)	265 (4.4)	280 (4.6)	781 (4.4)
Eye, brain, and thyroid (C69-C75)	199 (3.5)	206 (3.4)	205 (3.3)	610 (3.4)
Hematopoietic (C81-C96)	331 (5.9)	347 (5.8)	367 (6.0)	1045 (5.9)
Other and unspecified	284 (5.0)	270 (4.5)	292 (4.8)	846 (4.8)
All sites	5657 (100.0)	6012 (100.0)	6129 (100.0)	17798 (100.0)

BRAZIL, PORTO ALEGRE (2003-2005)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	21.8 (4.9)	20.2 (4.2)	17.8 (3.7)	19.9 (4.2)
Digestive organs (C15-C26)	93.8 (21.2)	93.2 (19.2)	90.8 (18.6)	92.6 (19.6)
Respiratory organs (C30-C39)	78.4 (17.7)	77.2 (15.9)	76.9 (15.8)	77.5 (16.4)
Bone, cartilage, and skin (C40-C44)	70.3 (15.9)	73.9 (15.3)	75.3 (15.4)	73.2 (15.5)
Breast (C50)	0.8 (0.2)	0.5 (0.1)	1.5 (0.3)	0.9 (0.2)
Male genitalia (C60-C63)	90.8 (20.5)	128.3 (26.5)	130.6 (26.8)	116.7 (24.7)
Urinary organs (C64-C68)	24.8 (5.6)	26.6 (5.5)	28.8 (5.9)	26.8 (5.7)
Eye, brain, and thyroid (C69-C75)	10.6 (2.4)	13.3 (2.7)	12.8 (2.6)	12.2 (2.6)
Hematopoietic (C81-C96)	28.6 (6.5)	28.9 (6.0)	31.2 (6.4)	29.6 (6.3)
Other and unspecified	22.6 (5.1)	22.0 (4.6)	21.7 (4.5)	22.1 (4.7)
All sites	442.6 (100.0)	484.1 (100.0)	487.5 (100.0)	471.6 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	4.8 (1.5)	3.8 (1.2)	4.0 (1.2)	4.2 (1.3)
Digestive organs (C15-C26)	53.1 (16.5)	53.8 (16.8)	55.7 (17.5)	54.2 (16.9)
Respiratory organs (C30-C39)	26.3 (8.2)	29.5 (9.2)	25.5 (8.0)	27.1 (8.5)
Bone, cartilage, and skin (C40-C44)	45.2 (14.1)	49.3 (15.4)	53.3 (16.7)	49.3 (15.4)
Breast (C50)	91.4 (28.4)	92.1 (28.7)	89.9 (28.2)	91.1 (28.4)
Female genitalia (C51-C58)	43.9 (13.6)	37.9 (11.8)	34.7 (10.9)	38.8 (12.1)
Urinary organs (C64-C68)	8.6 (2.7)	10.4 (3.2)	10.0 (3.1)	9.7 (3.0)
Eye, brain, and thyroid (C69-C75)	14.9 (4.6)	13.7 (4.3)	13.5 (4.2)	14.0 (4.4)
Hematopoietic (C81-C96)	17.8 (5.5)	16.7 (5.2)	17.3 (5.4)	17.3 (5.4)
Other and unspecified	15.5 (4.8)	13.7 (4.3)	15.1 (4.7)	14.8 (4.6)
All sites	321.7 (100.0)	320.9 (100.0)	319.2 (100.0)	320.6 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	11.8 (3.3)	10.5 (2.8)	9.6 (2.5)	10.6 (2.8)
Digestive organs (C15-C26)	69.1 (19.0)	69.4 (18.3)	69.6 (18.3)	69.4 (18.5)
Respiratory organs (C30-C39)	46.4 (12.7)	47.7 (12.5)	45.5 (11.9)	46.5 (12.4)
Bone, cartilage, and skin (C40-C44)	54.4 (15.0)	58.1 (15.3)	61.1 (16.0)	57.9 (15.4)
Urinary organs (C64-C68)	14.4 (4.0)	16.4 (4.3)	17.2 (4.5)	16.0 (4.3)
Eye, brain, and thyroid (C69-C75)	13.0 (3.6)	13.6 (3.6)	13.1 (3.4)	13.2 (3.5)
Hematopoietic (C81-C96)	22.1 (6.1)	21.7 (5.7)	23.3 (6.1)	22.4 (6.0)
Other and unspecified	18.5 (5.1)	17.0 (4.5)	17.7 (4.7)	17.7 (4.7)
All sites	363.8 (100.0)	379.9 (100.0)	381.0 (100.0)	375.0 (100.0)

BRAZIL, PORTO ALEGRE (2003-2005)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	371	5	.	0.6	.	0.5	2.1	0.6	3.4	3.9	12.4	28.1	59.0	94.0	91.3	79.5	101.8	82.7	18.8	19.9	2.42	87	11	4	C00-14
Oesophagus (C15)	311	4	.	.	.	.	.	.	0.7	5.8	11.1	28.1	40.3	55.6	84.6	99.9	57.8	105.3	15.7	16.8	1.94	67	26	6	C15
Stomach (C16)	310	6	.	.	.	.	0.5	0.6	0.7	3.2	9.0	16.1	35.4	38.4	74.7	87.7	99.0	185.5	15.7	16.8	1.86	70	28	7	C16
Colon (C18)	358	5	.	.	.	.	1.1	1.9	1.4	3.9	8.3	10.4	25.5	49.0	41.5	99.9	154.0	255.7	18.1	19.4	2.18	72	25		C18
Rectum (C19-20)	225	3	.	.	.	.	0.5	.	2.7	3.9	7.6	13.6	21.6	26.5	41.5	63.2	104.5	117.8	11.4	12.0	1.45	84	13		C19-20
Colorectal (C18-20)	583	8	.	.	.	.	1.6	1.9	4.1	7.7	15.9	24.1	47.2	75.4	116.2	163.1	258.6	373.6	29.5	31.4	3.63	77	20	3	C18-20
Anus (C21)	20	0	.	.	.	.	.	.	.	0.6	1.4	0.8	2.9	4.0	.	.	11.0	15.0	1.0	1.0	0.10	80	5	23	C21
Colon, rectum and anus (C18-21)	603	8	.	.	.	.	1.6	1.9	4.1	8.4	17.3	24.9	50.1	79.4	116.2	163.1	269.6	388.6	30.5	32.4	3.73	77	20		C18-21
Liver (C22)	237	2	1.2	.	.	.	.	.	.	0.6	9.7	14.4	29.5	45.0	49.8	77.5	60.5	115.3	12.0	12.8	1.45	34	53	9	C22
Gallbladder (C23-24)	72	1	.	.	.	.	.	.	.	0.6	.	4.0	2.9	7.9	18.3	28.6	44.0	37.6	3.6	4.0	0.54	47	43	19	C23-24
Pancreas (C25)	137	0	.	.	.	.	1.1	.	0.7	1.9	4.8	5.6	7.9	9.3	41.5	40.8	57.8	90.3	6.9	7.5	0.86	43	46	15	C25
Nose, sinuses (C30-31)	15	0	.	.	.	.	.	.	0.7	0.6	.	3.2	.	2.6	1.7	4.1	2.8	7.5	0.8	0.8	0.08	80	13	26	C30-31
Larynx (C32)	199	0	.	.	.	.	.	.	0.7	2.6	4.8	16.1	29.5	37.1	54.8	65.3	63.3	52.7	10.1	10.9	1.37	80	15	11	C32
Lung, trachea and bronchus (C33-34)	1163	23	.	.	.	.	.	.	4.8	3.9	17.3	35.3	98.3	190.6	270.5	418.1	588.6	581.7	58.9	64.2	8.30	71	24	2	C33-34
Melanoma of skin (C43)	131	9	.	.	.	.	1.1	2.5	0.7	4.5	4.8	10.4	13.8	19.9	14.9	28.6	46.8	47.6	6.6	6.8	0.79	85	14	16	C43
Mesothelioma (C45)	7	0	.	.	.	.	.	.	.	.	0.7	0.8	1.0	.	.	4.1	2.8	2.5	0.4	0.4	0.05	71	29	27	C45
Kaposi sarcoma (C46)	27	0	.	.	.	0.5	0.5	3.1	2.7	3.2	1.4	.	2.0	2.6	1.7	.	2.8	7.5	1.4	1.3	0.10	63	33	22	C46
Breast (C50)	17	0	.	.	.	.	.	.	.	.	.	0.8	2.9	2.6	5.0	4.1	11.0	5.0	0.9	0.9	0.13	76	12	24	C50
Penis (C60)	17	0	.	.	.	.	.	.	.	1.3	0.7	2.4	.	1.3	3.3	4.1	5.5	10.0	0.9	0.9	0.09	76	24	25	C60
Prostate (C61)	1984	62	.	.	.	.	.	.	.	1.9	2.8	29.7	88.4	273.9	532.6	740.3	1144.3	1206.0	100.4	111.4	14.52	89	9	1	C61
Testis (C62)	97	3	.	.	.	3.1	6.9	10.6	12.2	12.2	6.9	4.0	1.0	4.0	.	2.0	2.8	.	4.9	4.3	0.34	91	5	18	C62
Kidney (C64)	199	2	.	0.6	0.6	.	.	1.9	.	2.6	0.7	16.9	20.6	26.5	41.5	44.9	66.0	135.4	10.1	10.7	1.12	69	21	12	C64
Bladder (C67)	290	10	.	.	.	.	.	0.6	0.7	1.3	2.8	6.4	8.8	35.7	58.1	79.5	199.5	240.7	14.7	15.9	1.83	81	14	8	C67
Brain, CNS (C70-72)	171	3	3.6	3.1	2.9	1.0	2.1	2.5	6.1	7.7	4.8	12.0	21.6	21.2	14.9	42.8	35.8	45.1	8.7	8.9	0.93	50	40	14	C70-72
Thyroid (C73)	39	1	.	0.6	0.6	.	1.1	0.6	1.4	3.2	2.1	1.6	5.9	4.0	1.7	8.2	5.5	12.5	2.0	1.9	0.19	74	5	21	C73
Hodgkin disease (C81)	42	0	.	0.6	1.2	3.1	1.6	1.9	2.0	3.9	2.8	2.4	2.0	2.6	3.3	4.1	.	7.5	2.1	2.0	0.16	83	12	20	C81
Non-Hodgkin lymphoma (C82-85;C96)	231	3	3.6	1.9	0.6	1.5	4.8	5.6	5.4	9.6	9.0	17.7	16.7	25.1	38.2	42.8	60.5	92.8	11.7	12.0	1.23	71	26	10	C82-85;C96
Multiple myeloma (C88-C90)	96	1	.	.	.	.	.	.	1.4	1.3	3.5	2.4	7.9	13.2	19.9	34.7	27.5	65.2	4.9	5.2	0.56	52	47	17	C88-C90
Lymphoid leukaemia (C91)	61	0	5.5	3.7	4.1	1.5	1.1	.	2.0	0.6	1.4	1.6	.	4.0	3.3	12.2	8.3	30.1	3.1	3.4	0.25	61	36		C91
Myeloid leukaemia (C92-94)	121	31	3.6	0.6	0.6	1.5	2.1	1.9	2.0	3.2	4.8	2.4	7.9	10.6	14.9	12.2	22.0	37.6	6.1	6.4	0.61	71	26		C92-94
Leukaemia unspecified (C95)	12	0	.	.	.	.	.	.	0.7	.	0.7	.	.	.	.	6.1	5.5	12.5	0.6	0.6	0.06	42	50		C95
Leukaemia (C91-95)	194	31	9.1	4.3	4.7	3.1	3.2	1.9	4.8	3.9	6.9	4.0	7.9	14.6	18.3	30.6	35.8	80.2	9.8	10.4	0.91	66	30	13	C91-95
Other and unspecified (O&U)	347	12	1.8	0.6	1.8	0.5	1.6	0.6	2.0	5.8	6.9	16.9	39.3	59.6	69.7	89.7	148.5	137.9	17.6	18.8	2.31	63	30	5	O&U
All sites but C44 (ALLbC44)	7493	188	23.0	14.2	16.5	17.4	35.6	38.6	58.5	99.7	145.8	312.3	603.4	1095.8	1646.0	2251.5	3155.0	3828.7	379.3	407.4	48.79	75	21		ALLbC44
All sites (ALL)	8688	281	23.0	14.8	17.7	17.9	37.7	41.0	66.7	118.4	181.8	357.2	690.8	1234.7	1881.7	2549.2	3578.6	4593.4	439.8	471.6	55.86	78	18		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, PORTO ALEGRE (2003-2005)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	115	3	.	1.3	.	.	1.5	.	1.2	1.7	2.9	9.7	10.0	13.1	12.9	21.1	12.7	23.6	5.1	4.2	0.45	87	11	17	C00-14
Oesophagus (C15)	117	2	.	.	.	.	0.6	0.6	.	.	1.2	2.6	7.7	14.1	18.8	30.4	26.9	30.3	5.2	4.1	0.52	73	25	19	C15
Stomach (C16)	259	9	.	.	.	.	0.5	.	1.2	4.4	6.9	9.7	9.2	21.2	29.3	40.9	55.5	98.7	11.5	8.5	0.93	65	32	7	C16
Colon (C18)	483	11	.	.	.	.	.	3.0	1.2	3.3	5.8	16.1	26.1	41.4	44.5	74.0	114.1	205.3	21.4	15.5	1.69	75	19		C18
Rectum (C19-20)	240	7	.	.	.	.	.	1.8	0.6	4.4	3.5	10.3	24.6	25.2	27.0	33.0	52.3	68.4	10.7	8.2	0.94	88	10		C19-20
Colorectal (C18-20)	723	18	.	.	.	.	4.7	1.8	7.7	9.2	26.4	26.4	50.7	66.7	71.5	107.0	166.4	273.7	32.1	23.8	2.63	79	16	2	C18-20
Anus (C21)	49	3	.	.	.	.	.	.	.	0.6	1.2	1.3	0.8	8.1	10.5	5.3	9.5	14.6	2.2	1.7	0.20	88	4	22	C21
Colon, rectum and anus (C18-21)	772	21	.	.	.	.	4.7	1.8	8.3	10.4	27.7	27.7	51.5	74.7	82.0	112.3	175.9	288.3	34.3	25.5	2.82	79	15		C18-21
Liver (C22)	140	2	.	.	.	.	.	.	.	0.6	2.9	5.2	8.5	12.1	17.6	37.0	33.3	41.5	6.2	4.8	0.59	39	52	16	C22
Gallbladder (C23-24)	115	1	.	.	.	.	.	.	.	1.1	0.6	5.2	2.3	4.0	15.2	33.0	39.6	37.0	5.1	3.9	0.51	49	43	20	C23-24
Pancreas (C25)	187	0	.	.	.	.	.	0.6	1.2	.	.	3.2	7.7	21.2	22.3	30.4	53.9	80.8	8.3	6.0	0.70	40	44	12	C25
Nose, sinuses (C30-31)	15	0	.	.	.	.	.	1.8	.	.	0.6	.	.	2.0	3.5	.	1.6	5.6	0.7	0.5	0.05	93	7	25	C30-31
Larynx (C32)	42	1	.	.	.	.	.	.	.	.	1.2	0.6	1.5	6.1	9.4	6.6	6.3	14.6	1.9	1.5	0.16	81	17	24	C32
Lung, trachea and bronchus (C33-34)	661	8	.	.	.	.	1.0	1.2	1.8	3.3	13.8	30.9	46.1	80.8	118.4	146.6	131.5	149.2	29.4	23.7	2.91	75	20	3	C33-34
Melanoma of skin (C43)	162	9	0.6	.	.	0.5	2.5	3.5	2.5	7.7	9.2	9.7	14.6	16.2	18.8	13.2	14.3	23.6	7.2	6.0	0.60	88	10	13	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	0.6	.	.	1.2	.	.	.	0.1	0.1	0.01	50	50	27	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.2	1.1	0.1	0.1	0.02	33	67	26	C46
Breast (C50)	2627	45	.	.	.	.	1.0	11.2	19.0	60.2	119.9	180.5	253.6	331.3	341.1	330.2	348.6	464.5	112.2	91.1	10.16	91	7	1	C50
Cervix uteri (C53)	464	4	.	.	.	.	1.5	14.8	15.3	22.6	22.5	35.5	43.8	50.5	50.4	63.4	53.9	44.9	20.6	17.3	1.89	87	12	4	C53
Corpus uteri (C54)	223	3	.	.	.	.	.	.	.	1.7	4.0	9.0	19.2	36.4	32.8	56.8	42.8	41.5	9.9	8.1	1.03	93	6	8	C54
Ovary (C56)	253	4	.	.	0.6	2.6	1.5	2.4	1.2	2.8	4.0	7.7	18.4	26.3	44.5	42.3	50.7	65.1	11.2	9.0	1.04	70	24	6	C56
Kidney (C64)	150	5	0.6	.	.	.	.	1.2	.	1.1	4.0	6.4	11.5	17.2	14.1	25.1	30.1	46.0	6.7	5.1	0.58	67	24	15	C64
Bladder (C67)	127	6	.	.	.	.	.	.	1.2	.	1.2	3.9	2.3	11.1	19.9	17.2	36.4	49.4	5.6	4.2	0.49	80	14	18	C67
Brain, CNS (C70-72)	182	0	2.5	1.9	.	.	0.5	0.6	3.1	2.8	5.8	11.0	18.4	16.2	22.3	22.5	23.8	50.5	8.1	6.6	0.66	46	42	10	C70-72
Thyroid (C73)	171	3	.	1.3	0.6	1.0	3.6	4.1	2.5	11.0	6.3	16.8	18.4	15.1	12.9	10.6	15.8	22.4	7.6	6.3	0.61	76	5	11	C73
Hodgkin disease (C81)	40	0	.	.	.	1.5	5.6	4.1	1.2	1.1	1.2	1.3	0.8	1.0	3.5	5.3	.	2.2	1.8	1.6	0.13	93	5	23	C81
Non-Hodgkin lymphoma (C82-85; C96)	217	1	1.9	1.9	1.2	1.5	2.0	4.7	3.7	5.5	3.5	7.1	8.5	22.2	21.1	34.3	41.2	63.9	9.6	7.7	0.81	77	20	9	C82-85;C96
Multiple myeloma (C88-C90)	70	0	.	.	.	.	1.2	.	.	0.6	0.6	.	1.5	9.1	9.4	10.6	20.6	29.2	3.1	2.3	0.27	53	41	21	C88-C90
Lymphoid leukaemia (C91)	48	0	3.2	2.6	2.4	0.5	0.5	.	.	.	0.6	.	1.5	4.0	3.5	6.6	6.3	15.7	2.1	2.0	0.16	54	42		C91
Myeloid leukaemia (C92-94)	89	26	0.6	.	1.2	.	3.6	.	1.2	.	0.6	3.2	4.6	2.0	5.9	7.9	6.3	24.7	4.0	3.1	0.26	65	34		C92-94
Leukaemia unspecified (C95)	18	0	.	.	.	1.0	.	.	0.6	0.6	0.6	1.3	.	.	.	.	1.6	11.2	0.8	0.5	0.03	33	67		C95
Leukaemia (C91-95)	155	26	3.8	2.6	3.7	1.5	4.1	.	1.8	0.6	1.7	4.5	6.1	6.1	9.4	14.5	14.3	51.6	6.9	5.7	0.45	58	40	14	C91-95
Other and unspecified (O&U)	385	9	0.6	1.9	1.2	1.0	2.0	1.8	1.8	5.0	5.8	14.2	26.9	37.4	31.6	56.8	74.5	143.6	17.1	12.9	1.34	51	41	5	O&U
All sites but C44 (ALLbC44)	7864	171	17.7	14.1	11.6	12.9	30.6	64.5	67.5	149.7	238.7	415.2	611.0	877.7	991.6	1184.8	1351.7	1942.0	349.2	278.4	30.87	78	18		ALLbC44
All sites (ALL)	9110	276	18.3	14.1	12.2	13.4	33.6	71.6	79.7	165.7	268.7	464.2	683.2	971.6	1142.8	1347.2	1611.5	2323.4	404.5	320.6	35.57	80	16		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

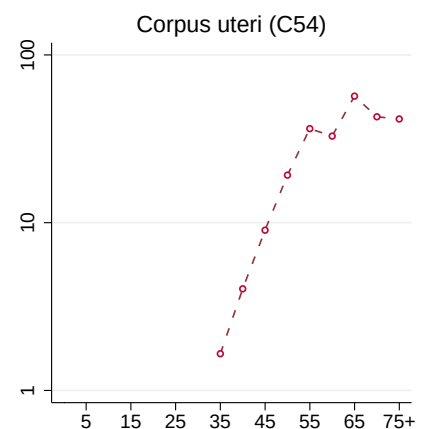
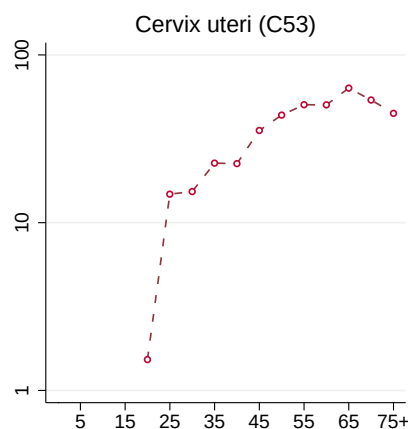
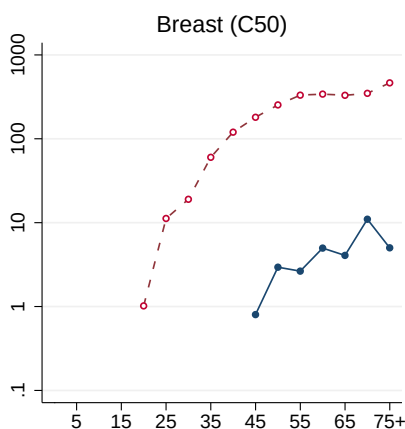
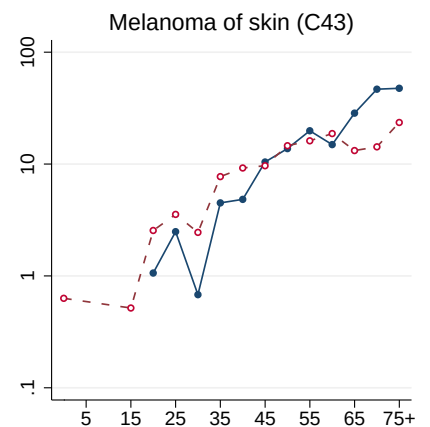
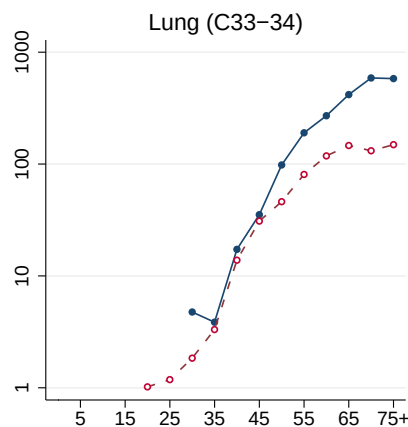
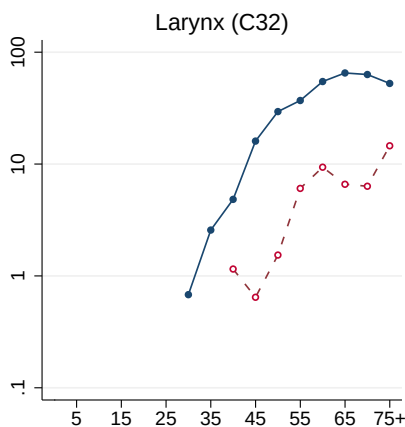
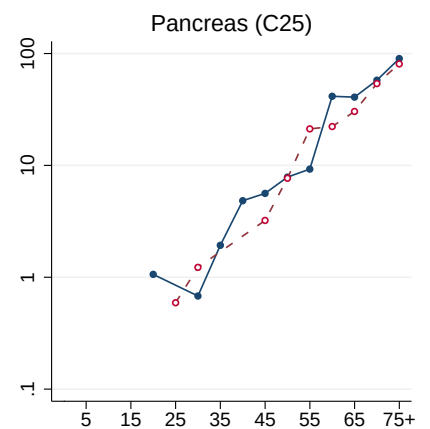
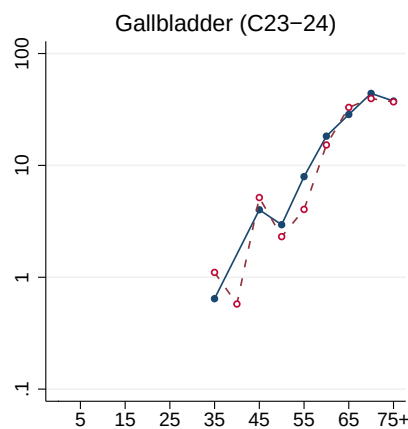
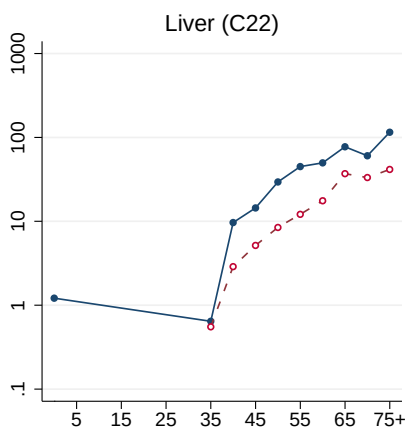
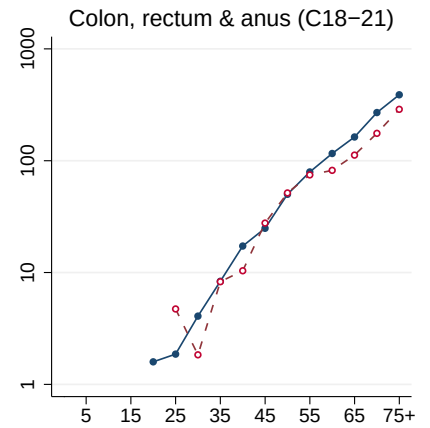
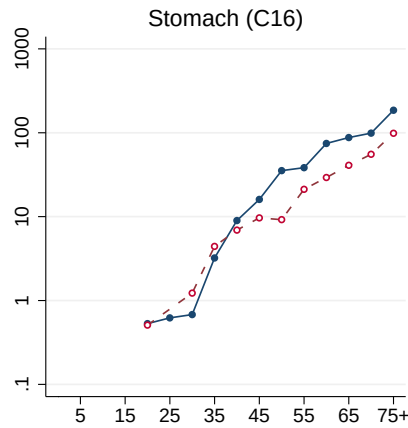
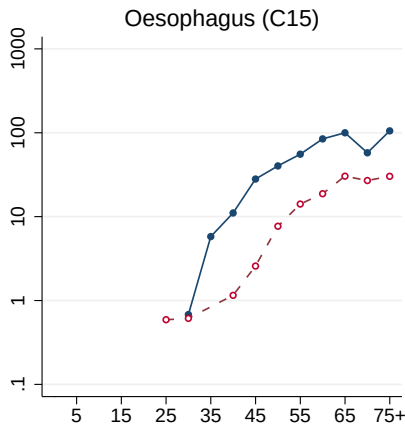
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

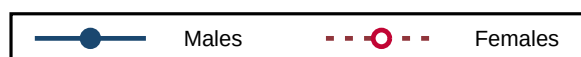
BRAZIL, PORTO ALEGRE (2003–2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



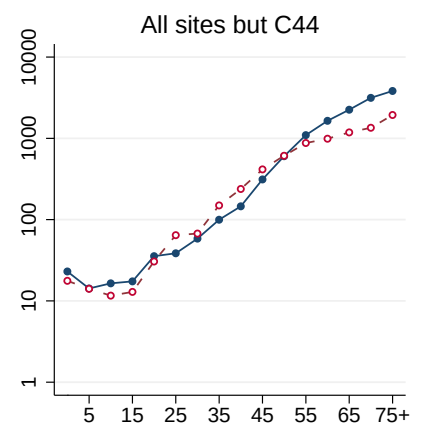
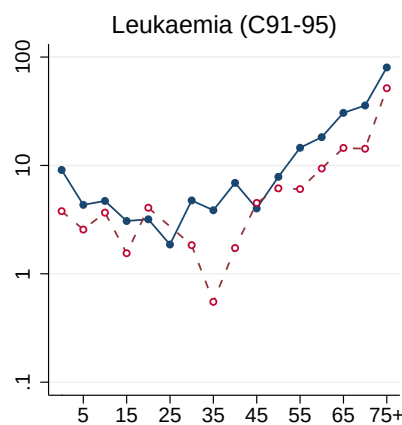
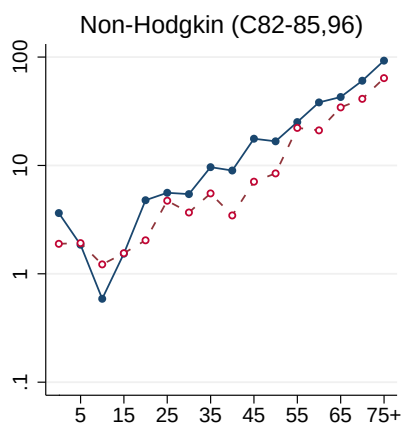
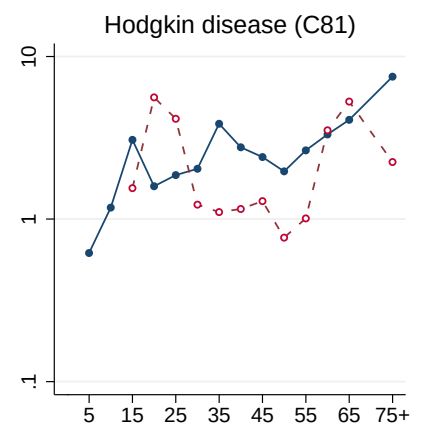
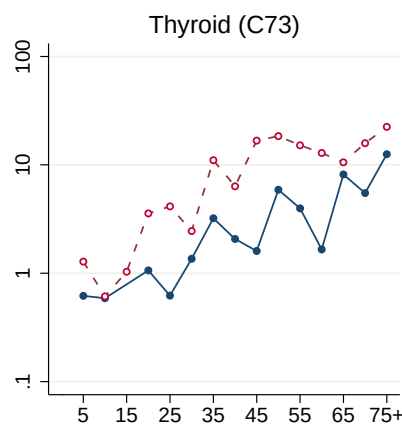
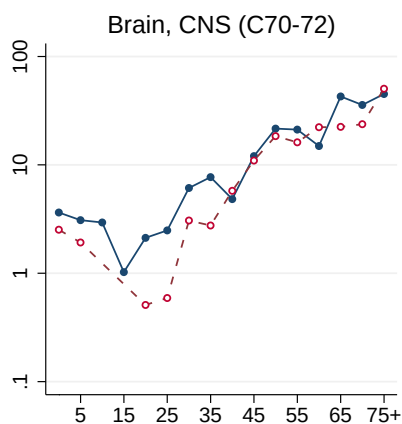
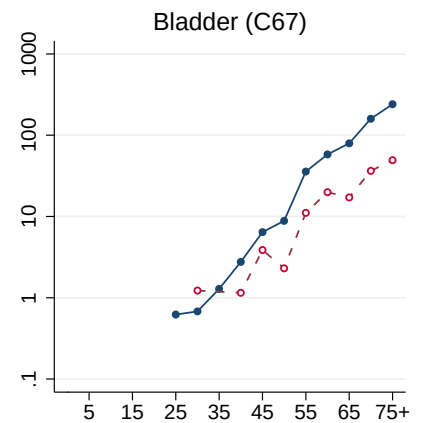
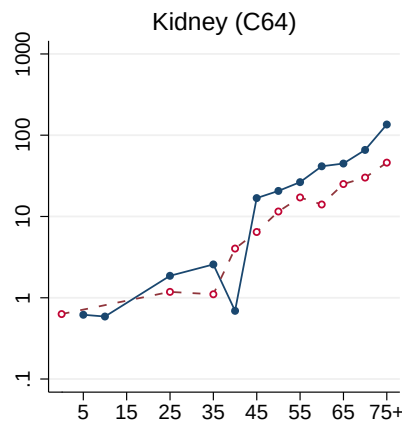
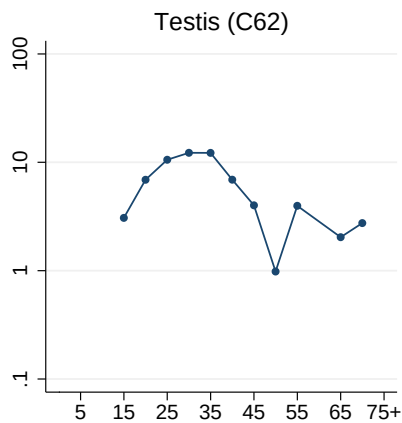
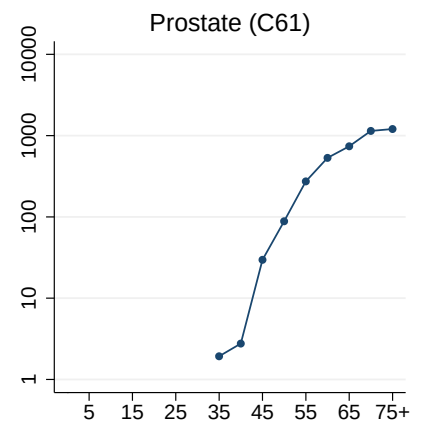
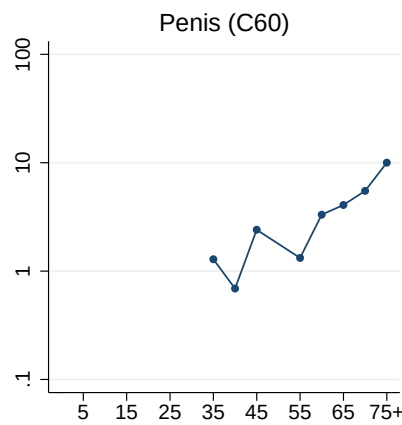
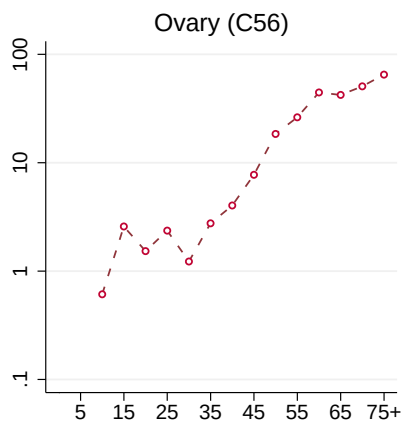
Age in Years



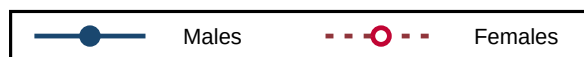
BRAZIL, PORTO ALEGRE (2003-2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, PORTO ALEGRE (2003-2005)

Average annual person-years

Males

Females

13294
12118
16345
20089
25188
33921
41524
48231
51820
49010
53606
62787
65077
56647
53884
54966

75+
70-74
65-69
60-64
55-59
50-54
45-49
40-44
35-39
30-34
25-29
20-24
15-19
10-14
5-9
0-4

29712
21036
25237
28440
33003
43373
51700
57809
60353
54347
56352
65403
64538
54500
52017
52825

100 90 80 70 60 50 40 30 20 10 0 0 10 20 30 40 50 60 70 80 90 100

Population in Thousands

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Registry Summary Tables and Figures

BRAZIL, RECIFE (1998-2005)

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BRAZIL, RECIFE (1998-2001)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR				TOTAL n (%)
	1998 n (%)	1999 n (%)	2000 n (%)	2001 n (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	56 (5.4)	74 (6.8)	62 (7.0)	66 (5.7)	258 (6.2)
Digestive organs (C15-C26)	176 (16.9)	223 (20.3)	163 (18.4)	250 (21.5)	812 (19.4)
Respiratory organs (C30-C39)	158 (15.1)	163 (14.9)	150 (16.9)	186 (16.0)	657 (15.7)
Bone, cartilage, and skin (C40-C44)	86 (8.2)	126 (11.5)	117 (13.2)	130 (11.2)	459 (11.0)
Breast (C50)	1 (0.1)	2 (0.2)	5 (0.6)	1 (0.1)	9 (0.2)
Male genitalia (C60-C63)	238 (22.8)	262 (23.9)	210 (23.6)	259 (22.3)	969 (23.1)
Urinary organs (C64-C68)	36 (3.5)	31 (2.8)	28 (3.2)	56 (4.8)	151 (3.6)
Eye, brain, and thyroid (C69-C75)	43 (4.1)	48 (4.4)	36 (4.1)	55 (4.7)	182 (4.3)
Hematopoietic (C81-C96)	91 (8.7)	98 (8.9)	60 (6.8)	83 (7.1)	332 (7.9)
Other and unspecified	158 (15.1)	69 (6.3)	57 (6.4)	77 (6.6)	361 (8.6)
All sites	1043 (100.0)	1096 (100.0)	888 (100.0)	1163 (100.0)	4190 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	26 (1.5)	30 (1.9)	20 (1.6)	34 (2.0)	110 (1.8)
Digestive organs (C15-C26)	252 (15.0)	248 (15.6)	207 (16.5)	313 (18.2)	1020 (16.3)
Respiratory organs (C30-C39)	78 (4.6)	85 (5.3)	56 (4.5)	105 (6.1)	324 (5.2)
Bone, cartilage, and skin (C40-C44)	115 (6.8)	123 (7.7)	116 (9.2)	130 (7.5)	484 (7.7)
Breast (C50)	507 (30.1)	491 (30.8)	356 (28.3)	481 (27.9)	1835 (29.3)
Female genitalia (C51-C58)	309 (18.3)	350 (22.0)	282 (22.4)	314 (18.2)	1255 (20.1)
Urinary organs (C64-C68)	24 (1.4)	24 (1.5)	24 (1.9)	30 (1.7)	102 (1.6)
Eye, brain, and thyroid (C69-C75)	70 (4.2)	61 (3.8)	54 (4.3)	131 (7.6)	316 (5.0)
Hematopoietic (C81-C96)	98 (5.8)	85 (5.3)	70 (5.6)	80 (4.6)	333 (5.3)
Other and unspecified	206 (12.2)	96 (6.0)	73 (5.8)	104 (6.0)	479 (7.7)
All sites	1685 (100.0)	1593 (100.0)	1258 (100.0)	1722 (100.0)	6258 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	82 (3.0)	104 (3.9)	82 (3.8)	100 (3.5)	368 (3.5)
Digestive organs (C15-C26)	428 (15.7)	471 (17.5)	370 (17.2)	563 (19.5)	1832 (17.5)
Respiratory organs (C30-C39)	236 (8.7)	248 (9.2)	206 (9.6)	291 (10.1)	981 (9.4)
Bone, cartilage, and skin (C40-C44)	201 (7.4)	249 (9.3)	233 (10.9)	260 (9.0)	943 (9.0)
Urinary organs (C64-C68)	60 (2.2)	55 (2.0)	52 (2.4)	86 (3.0)	253 (2.4)
Eye, brain, and thyroid (C69-C75)	113 (4.1)	109 (4.1)	90 (4.2)	186 (6.4)	498 (4.8)
Hematopoietic (C81-C96)	189 (6.9)	183 (6.8)	130 (6.1)	163 (5.6)	665 (6.4)
Other and unspecified	364 (13.3)	165 (6.1)	130 (6.1)	181 (6.3)	840 (8.0)
All sites	2728 (100.0)	2689 (100.0)	2146 (100.0)	2885 (100.0)	10448 (100.0)

BRAZIL, RECIFE (1998-2001)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR				TOTAL ASR (%)
	1998 ASR (%)	1999 ASR (%)	2000 ASR (%)	2001 ASR (%)	
MALES					
Lip, oral cavity, and pharynx (C00-C14)	12.2 (5.5)	15.9 (6.7)	12.4 (7.2)	12.8 (5.7)	13.3 (6.3)
Digestive organs (C15-C26)	38.6 (17.4)	48.4 (20.5)	32.3 (18.8)	48.6 (21.9)	41.8 (19.7)
Respiratory organs (C30-C39)	35.2 (15.9)	36.4 (15.4)	29.5 (17.2)	37.1 (16.7)	34.5 (16.3)
Bone, cartilage, and skin (C40-C44)	18.2 (8.2)	27.4 (11.6)	22.7 (13.3)	24.5 (11.0)	23.2 (10.9)
Breast (C50)	0.2 (0.1)	0.3 (0.1)	0.9 (0.5)	0.2 (0.1)	0.4 (0.2)
Male genitalia (C60-C63)	53.4 (24.1)	59.2 (25.0)	40.9 (23.9)	52.1 (23.4)	51.1 (24.1)
Urinary organs (C64-C68)	7.6 (3.4)	6.9 (2.9)	5.3 (3.1)	10.6 (4.8)	7.6 (3.6)
Eye, brain, and thyroid (C69-C75)	8.1 (3.7)	9.1 (3.9)	5.9 (3.4)	9.3 (4.2)	8.1 (3.8)
Hematopoietic (C81-C96)	17.1 (7.7)	18.5 (7.8)	10.3 (6.0)	13.6 (6.1)	14.7 (6.9)
Other and unspecified	30.9 (14.0)	14.3 (6.0)	11.2 (6.5)	13.6 (6.1)	17.3 (8.1)
All sites	221.6 (100.0)	236.5 (100.0)	171.6 (100.0)	222.2 (100.0)	212.0 (100.0)
FEMALES					
Lip, oral cavity, and pharynx (C00-C14)	3.8 (1.6)	4.3 (1.9)	2.4 (1.5)	3.9 (1.8)	3.6 (1.7)
Digestive organs (C15-C26)	35.4 (14.7)	35.0 (15.4)	25.2 (15.8)	37.9 (17.5)	33.3 (15.9)
Respiratory organs (C30-C39)	11.4 (4.7)	12.2 (5.4)	7.3 (4.6)	13.4 (6.2)	11.0 (5.2)
Bone, cartilage, and skin (C40-C44)	16.2 (6.7)	17.0 (7.5)	14.3 (9.0)	15.7 (7.2)	15.7 (7.5)
Breast (C50)	74.3 (30.7)	70.8 (31.2)	45.8 (28.7)	61.5 (28.4)	62.4 (29.8)
Female genitalia (C51-C58)	45.1 (18.6)	50.2 (22.1)	36.1 (22.6)	40.1 (18.5)	42.6 (20.3)
Urinary organs (C64-C68)	3.5 (1.4)	3.7 (1.6)	3.0 (1.9)	3.8 (1.8)	3.5 (1.7)
Eye, brain, and thyroid (C69-C75)	9.6 (4.0)	8.3 (3.7)	7.1 (4.5)	16.9 (7.8)	10.5 (5.0)
Hematopoietic (C81-C96)	14.3 (5.9)	12.5 (5.5)	8.9 (5.6)	10.3 (4.8)	11.4 (5.4)
Other and unspecified	28.1 (11.6)	13.1 (5.8)	9.4 (5.9)	13.1 (6.0)	15.7 (7.5)
All sites	241.7 (100.0)	227.0 (100.0)	159.7 (100.0)	216.5 (100.0)	209.6 (100.0)
BOTH SEXES					
Lip, oral cavity, and pharynx (C00-C14)	7.2 (3.1)	9.0 (3.9)	6.4 (4.0)	7.6 (3.5)	7.5 (3.6)
Digestive organs (C15-C26)	36.4 (15.8)	40.1 (17.6)	27.9 (17.2)	42.2 (19.5)	36.5 (17.6)
Respiratory organs (C30-C39)	20.7 (9.0)	21.9 (9.6)	16.1 (10.0)	22.5 (10.4)	20.3 (9.8)
Bone, cartilage, and skin (C40-C44)	16.9 (7.3)	21.0 (9.2)	17.6 (10.9)	19.3 (8.9)	18.6 (9.0)
Urinary organs (C64-C68)	5.2 (2.3)	4.9 (2.1)	3.8 (2.3)	6.5 (3.0)	5.1 (2.4)
Eye, brain, and thyroid (C69-C75)	9.0 (3.9)	8.9 (3.9)	6.6 (4.1)	13.6 (6.3)	9.5 (4.6)
Hematopoietic (C81-C96)	15.4 (6.7)	15.1 (6.6)	9.5 (5.9)	11.8 (5.4)	12.8 (6.2)
Other and unspecified	29.0 (12.6)	13.6 (5.9)	10.0 (6.2)	13.2 (6.1)	16.2 (7.8)
All sites	230.3 (100.0)	228.3 (100.0)	161.7 (100.0)	215.8 (100.0)	207.7 (100.0)

BRAZIL, RECIFE (1998-2001)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	258	2	0.4	.	0.7	0.4	0.8	0.4	1.4	4.7	8.7	31.6	31.8	41.1	53.8	60.0	81.5	65.2	9.9	13.3	1.60	84	0	4	C00-14
Oesophagus (C15)	99	0	.	.	.	.	.	.	0.5	1.0	2.5	4.0	12.9	17.2	22.8	24.8	38.1	48.9	3.8	5.2	0.82	68	0	12	C15
Stomach (C16)	220	1	.	.	.	.	0.8	0.4	1.4	2.6	6.2	11.9	21.9	39.7	37.5	55.8	84.3	116.5	8.5	11.3	1.32	53	0	5	C16
Colon (C18)	88	0	.	.	.	.	.	0.9	0.5	2.1	1.2	7.9	6.0	9.3	13.1	18.6	24.5	69.9	3.4	4.4	0.42	50	0		C18
Rectum (C19-20)	64	1	.	.	.	.	0.4	.	1.4	2.1	1.2	4.0	4.0	7.9	14.7	18.6	8.2	39.6	2.5	3.2	0.32	69	0		C19-20
Colorectal (C18-20)	152	1	.	.	.	.	0.4	0.9	1.9	4.2	2.5	11.9	10.0	17.2	27.7	37.2	32.6	109.5	5.8	7.6	0.74	58	0	8	C18-20
Anus (C21)	12	0	.	.	.	.	.	0.4	.	1.6	0.6	1.6	.	2.6	.	2.1	.	4.7	0.5	0.5	0.04	100	0	24	C21
Colon, rectum and anus (C18-21)	164	1	.	.	.	.	0.4	1.3	1.9	5.7	3.1	13.4	10.0	19.9	27.7	39.3	32.6	114.1	6.3	8.2	0.78	61	0		C18-21
Liver (C22)	162	1	0.4	0.4	.	.	0.8	0.4	0.5	3.1	2.5	7.1	10.0	26.5	34.3	51.7	68.0	81.5	6.2	8.5	1.03	28	0	7	C22
Gallbladder (C23-24)	48	0	.	.	.	.	.	.	0.5	.	.	2.4	3.0	7.9	1.6	12.4	43.5	28.0	1.8	2.5	0.36	31	0	16	C23-24
Pancreas (C25)	91	0	.	.	.	.	0.4	0.4	0.5	1.0	2.5	4.7	8.0	18.5	16.3	20.7	29.9	53.6	3.5	4.7	0.51	32	0	13	C25
Nose, sinuses (C30-31)	19	0	.	0.4	0.4	.	0.4	.	.	1.0	1.2	3.2	.	5.3	.	.	2.7	7.0	0.7	0.8	0.07	74	0	22	C30-31
Larynx (C32)	167	0	.	.	.	.	.	.	0.5	1.6	5.6	8.7	19.9	35.8	34.3	57.9	59.8	58.2	6.4	8.9	1.12	72	0	6	C32
Lung, trachea and bronchus (C33-34)	440	3	.	.	.	0.4	0.8	1.3	2.8	5.7	11.9	15.0	41.8	80.8	115.9	142.7	157.7	174.7	16.9	23.4	2.90	59	0	2	C33-34
Melanoma of skin (C43)	32	1	.	.	.	.	.	0.9	.	0.5	0.6	4.0	4.0	5.3	6.5	2.1	2.7	18.6	1.2	1.6	0.14	75	0	18	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	.	1.3	.	.	.	.	0.0	0.1	0.01	0	0	27	C45
Kaposi sarcoma (C46)	13	0	.	.	.	.	0.4	2.2	0.9	.	1.9	0.8	1.0	.	.	.	.	.	0.5	0.5	0.04	100	0	25	C46
Breast (C50)	9	0	.	.	.	.	.	.	0.5	0.5	0.6	.	1.0	.	.	4.1	.	7.0	0.3	0.4	0.03	56	0	26	C50
Penis (C60)	26	0	.	.	.	.	.	.	.	0.5	1.2	1.6	3.0	2.6	8.2	6.2	10.9	9.3	1.0	1.4	0.17	92	0	19	C60
Prostate (C61)	917	9	.	.	0.4	.	.	.	0.9	3.1	1.2	6.3	20.9	66.2	171.3	279.2	625.2	810.7	35.2	48.9	5.93	76	0	1	C61
Testis (C62)	25	0	0.4	.	.	2.1	3.0	0.9	0.9	1.0	1.9	.	.	1.3	.	.	.	.	1.0	0.8	0.06	80	0	23	C62
Kidney (C64)	67	1	2.9	1.6	0.4	.	0.4	.	0.5	2.1	1.2	6.3	6.0	9.3	6.5	6.2	16.3	28.0	2.6	3.2	0.30	63	0	15	C64
Bladder (C67)	83	2	.	.	.	.	.	0.4	0.5	0.5	.	4.7	2.0	6.6	19.6	20.7	38.1	67.6	3.2	4.4	0.48	63	0	14	C67
Brain, CNS (C70-72)	126	2	2.5	2.4	2.6	1.4	3.0	5.2	3.3	2.6	5.6	6.3	8.0	13.2	14.7	10.3	24.5	25.6	4.8	5.5	0.54	41	0	10	C70-72
Thyroid (C73)	23	0	.	.	.	0.7	.	1.3	0.9	0.5	1.2	.	3.0	7.9	3.3	2.1	.	2.3	0.9	1.0	0.10	78	0	21	C73
Hodgkin disease (C81)	46	1	.	2.0	1.5	1.4	1.1	0.9	.	1.0	5.6	2.4	1.0	4.0	1.6	8.3	5.4	4.7	1.8	1.9	0.18	87	0	17	C81
Non-Hodgkin lymphoma (C82-85; C96)	133	0	0.8	2.4	1.8	2.5	2.3	3.5	1.9	5.7	4.4	9.5	8.0	4.0	22.8	20.7	21.7	51.3	5.1	6.0	0.56	65	0	9	C82-85;C96
Multiple myeloma (C88-C90)	25	0	.	.	.	.	.	0.4	0.5	.	.	1.6	3.0	9.3	4.9	6.2	5.4	7.0	1.0	1.3	0.16	88	0	20	C88-C90
Lymphoid leukaemia (C91)	65	0	6.7	3.2	5.8	1.4	0.4	0.9	0.5	.	.	0.8	5.0	2.6	1.6	4.1	.	14.0	2.5	2.8	0.16	94	0		C91
Myeloid leukaemia (C92-94)	50	0	.	1.6	2.2	0.4	1.5	2.2	1.4	1.0	0.6	4.0	1.0	7.9	3.3	6.2	10.9	7.0	1.9	2.1	0.22	96	0		C92-94
Leukaemia unspecified (C95)	13	0	.	0.4	.	0.4	.	.	1.4	.	0.6	.	.	.	1.6	2.1	.	11.6	0.5	0.6	0.03	85	0		C95
Leukaemia (C91-95)	128	0	6.7	5.1	8.0	2.1	1.9	3.0	3.3	1.0	1.2	4.7	6.0	10.6	6.5	12.4	10.9	32.6	4.9	5.5	0.42	94	0	11	C91-95
Other and unspecified (O&U)	323	4	2.1	1.2	1.8	1.8	3.4	3.5	5.2	11.5	9.4	16.6	29.9	27.8	60.4	82.7	87.0	128.1	12.4	15.8	1.74	61	0	3	O&U
All sites but C44 (ALLbC44)	3792	30	22.5	17.4	18.6	17.2	21.9	31.1	31.0	60.5	83.7	170.8	266.7	478.1	687.0	943.1	1473.3	1989.5	145.6	191.7	21.79	66	0		ALLbC44
All sites (ALL)	4190	30	22.9	17.4	18.6	17.2	23.8	33.3	32.4	67.3	95.6	192.1	306.5	528.4	745.7	1061.0	1625.5	2217.8	160.9	212.0	24.11	68	0		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, RECIFE (1998-2001)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	110	0	0.4	.	0.4	0.7	1.0	0.8	0.4	1.3	1.0	0.6	9.8	14.0	9.8	10.3	31.5	36.0	3.7	3.6	0.41	79	0	16	C00-14
Oesophagus (C15)	55	1	.	.	.	.	.	.	.	0.4	1.0	1.8	1.5	3.7	10.8	12.8	14.9	15.6	1.8	1.9	0.24	60	0	17	C15
Stomach (C16)	185	3	.	.	.	.	0.7	0.8	4.8	2.2	4.6	5.5	12.8	11.2	23.9	28.2	41.4	54.0	6.2	6.0	0.69	45	0	7	C16
Colon (C18)	155	4	.	.	.	0.3	1.0	0.8	0.8	1.7	5.6	7.3	8.3	14.0	14.1	25.7	26.5	49.2	5.2	5.0	0.54	61	0		C18
Rectum (C19-20)	126	0	.	.	.	.	.	1.9	0.8	1.3	5.6	3.0	9.0	7.4	7.6	18.0	33.1	46.8	4.2	4.0	0.44	76	0		C19-20
Colorectal (C18-20)	281	4	.	.	.	0.3	1.0	2.7	1.6	3.1	11.2	10.3	17.3	21.4	21.7	43.6	59.6	96.0	9.4	9.0	0.98	68	0	4	C18-20
Anus (C21)	48	0	.	.	.	.	.	0.4	.	0.4	3.0	3.0	3.0	6.5	8.7	5.1	3.3	12.0	1.6	1.6	0.17	85	0	19	C21
Colon, rectum and anus (C18-21)	329	4	.	.	.	0.3	1.0	3.0	1.6	3.5	14.2	13.4	20.3	27.9	30.4	48.8	62.9	108.0	11.0	10.7	1.15	71	0		C18-21
Liver (C22)	163	1	.	.	0.4	.	0.3	0.4	1.2	1.3	4.1	6.1	7.5	12.1	16.3	25.7	44.7	60.0	5.4	5.3	0.60	36	0	8	C22
Gallbladder (C23-24)	135	1	.	.	.	.	0.7	0.4	0.4	.	3.6	3.6	9.0	18.6	18.4	21.8	24.8	43.2	4.5	4.5	0.51	37	0	13	C23-24
Pancreas (C25)	111	2	.	.	.	.	0.3	0.4	0.4	0.4	2.5	2.4	7.5	5.6	13.0	14.1	38.1	40.8	3.7	3.6	0.43	26	0	15	C25
Nose, sinuses (C30-31)	10	0	.	.	.	.	0.3	.	.	.	0.5	.	1.5	0.9	.	1.3	1.7	3.6	0.3	0.3	0.03	60	0	25	C30-31
Larynx (C32)	24	0	.	.	.	.	.	.	.	.	1.0	1.2	1.5	5.6	5.4	1.3	6.6	2.4	0.8	0.9	0.11	79	0	24	C32
Lung, trachea and bronchus (C33-34)	263	1	.	0.4	.	0.3	0.3	.	2.0	4.4	6.1	10.3	20.3	28.8	43.4	34.7	61.2	63.6	8.8	8.9	1.07	55	0	5	C33-34
Melanoma of skin (C43)	34	0	.	.	.	.	0.3	0.4	.	0.9	1.0	.	1.5	7.4	4.3	1.3	8.3	9.6	1.1	1.1	0.13	76	0	22	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	0.4	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	4	1	.	.	.	.	.	0.4	0.4	.	.	.	0.8	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C46
Breast (C50)	1835	12	.	.	0.4	.	2.8	4.9	26.0	52.3	92.9	136.1	170.3	201.8	217.9	231.0	263.2	271.1	61.3	62.4	7.04	81	0	1	C50
Cervix uteri (C53)	722	4	.	.	.	0.7	2.8	4.9	14.0	25.7	42.1	62.6	70.1	72.5	88.9	74.4	66.2	76.8	24.1	24.5	2.64	88	0	2	C53
Corpus uteri (C54)	144	0	.	.	.	.	.	.	1.6	2.2	4.6	4.3	10.5	15.8	24.9	24.4	29.8	33.6	4.8	4.9	0.59	74	0	11	C54
Ovary (C56)	216	2	.	0.8	1.1	.	0.3	0.8	1.2	3.1	13.2	12.2	13.6	15.8	33.6	44.9	39.7	30.0	7.2	7.5	0.91	74	0	6	C56
Kidney (C64)	50	1	2.6	2.0	.	.	.	0.4	0.4	0.4	0.5	0.6	3.0	5.6	7.6	3.9	9.9	8.4	1.7	1.9	0.19	60	0	18	C64
Bladder (C67)	51	1	.	.	.	.	.	0.4	0.4	0.4	0.5	0.6	1.5	3.7	6.5	10.3	6.6	25.2	1.7	1.6	0.16	47	0	20	C67
Brain, CNS (C70-72)	133	2	3.4	1.6	2.2	2.7	0.7	1.9	2.4	5.2	4.1	3.6	1.5	9.3	16.3	16.7	18.2	18.0	4.4	4.5	0.46	43	0	12	C70-72
Thyroid (C73)	159	1	.	.	.	2.7	2.1	3.0	3.2	7.4	8.6	8.5	11.3	10.2	15.2	14.1	16.6	22.8	5.3	5.1	0.52	87	0	9	C73
Hodgkin disease (C81)	34	0	.	0.8	0.4	2.7	1.0	1.1	2.0	0.4	1.0	1.2	.	2.8	1.1	.	3.3	1.2	1.1	1.1	0.09	94	0	23	C81
Non-Hodgkin lymphoma (C82-85; C96)	123	0	1.3	0.4	0.4	1.0	1.4	0.8	1.6	2.2	3.6	5.5	6.0	9.3	8.7	19.3	24.8	33.6	4.1	4.0	0.43	59	0	14	C82-85;C96
Multiple myeloma (C88-C90)	39	0	.	.	.	.	.	.	.	0.4	.	2.4	3.0	3.7	3.3	12.8	13.2	6.0	1.3	1.4	0.19	82	0	21	C88-C90
Lymphoid leukaemia (C91)	62	1	7.3	4.5	3.7	2.0	.	0.4	0.8	0.4	.	.	0.8	.	4.3	2.6	6.6	2.4	2.1	2.5	0.17	98	0		C91
Myeloid leukaemia (C92-94)	54	0	0.9	0.4	1.5	1.0	0.3	0.4	1.6	1.3	2.5	1.2	3.0	4.7	2.2	6.4	11.6	6.0	1.8	1.8	0.19	100	0		C92-94
Leukaemia unspecified (C95)	21	0	0.4	.	.	.	1.0	.	0.8	.	.	1.2	0.8	0.9	1.1	6.4	1.7	4.8	0.7	0.7	0.07	86	0		C95
Leukaemia (C91-95)	137	1	8.6	4.9	5.2	3.0	1.4	0.8	3.2	1.7	2.5	2.4	4.5	5.6	7.6	15.4	19.9	13.2	4.6	4.9	0.44	97	0	10	C91-95
Other and unspecified (O&U)	427	4	2.2	0.8	2.6	4.0	2.4	5.3	9.6	7.8	15.7	23.7	21.9	34.4	38.0	38.5	69.5	109.2	14.3	13.8	1.40	52	0	3	O&U
All sites but C44 (ALLbC44)	5858	46	22.4	14.3	17.0	20.2	23.8	36.8	84.7	133.4	238.1	320.2	440.8	564.5	672.3	741.8	966.7	1157.6	195.6	196.7	21.65	71	0		ALLbC44
All sites (ALL)	6258	49	22.4	14.3	17.0	20.2	23.8	37.9	88.7	136.9	246.2	334.7	461.9	599.9	715.7	809.8	1052.8	1307.5	209.0	209.6	23.09	72	0		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

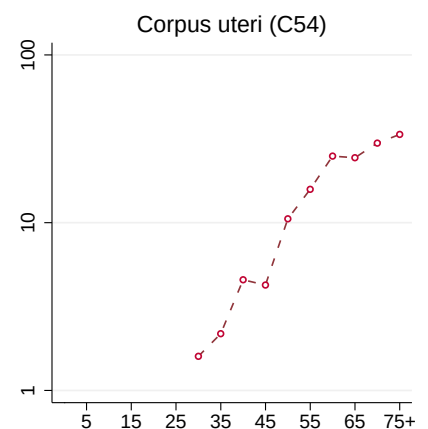
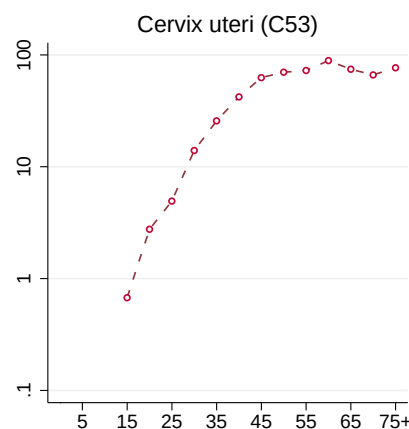
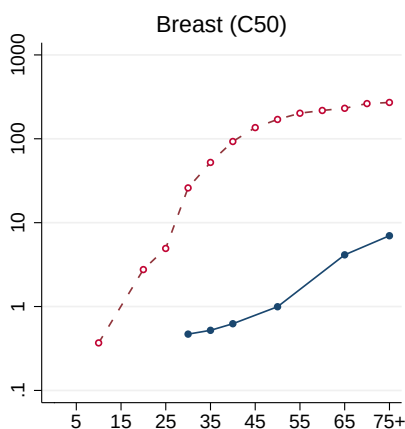
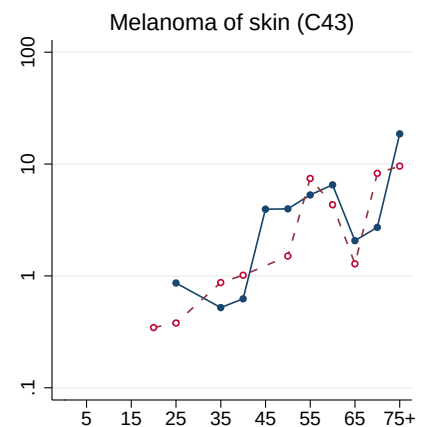
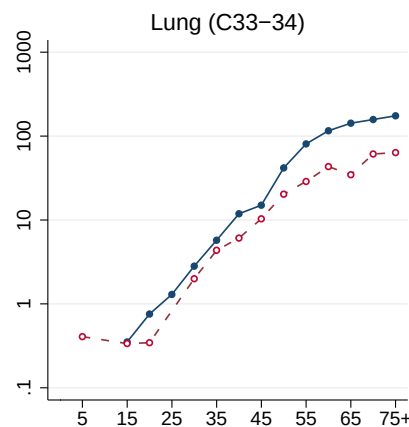
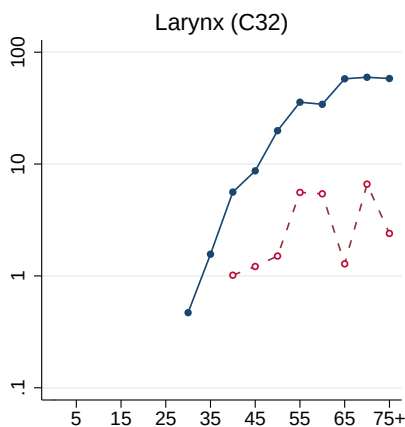
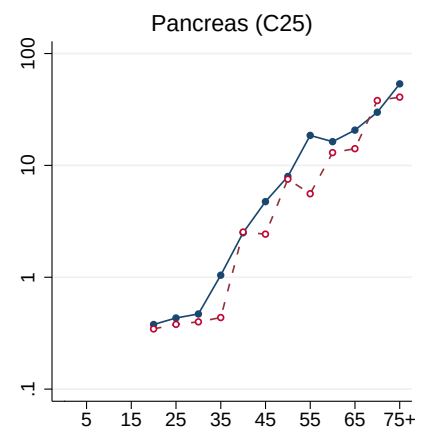
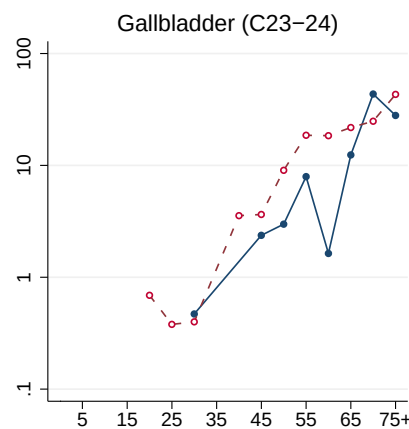
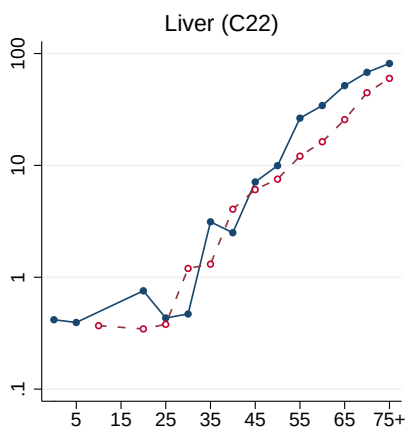
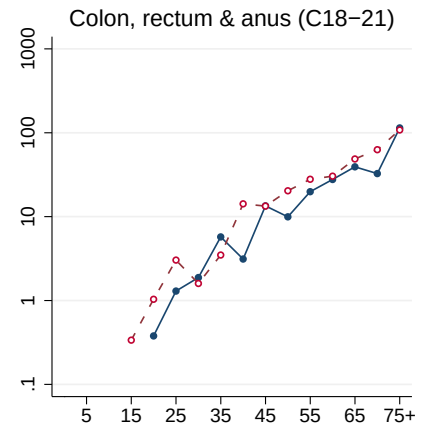
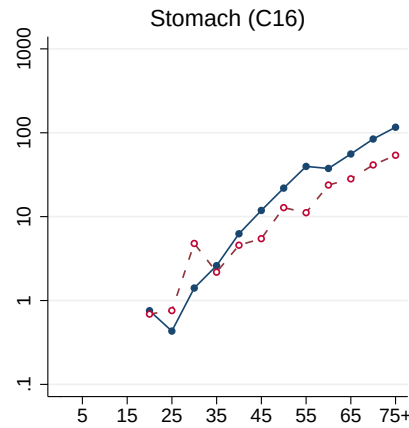
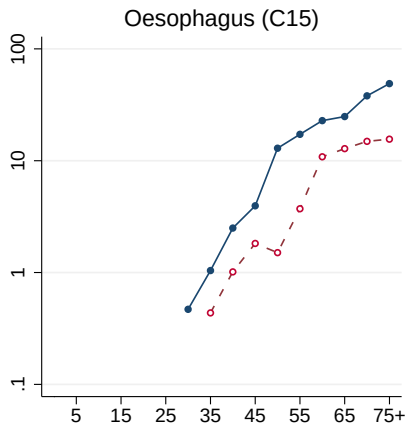
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

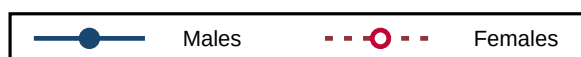
BRAZIL, RECIFE (1998–2001)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



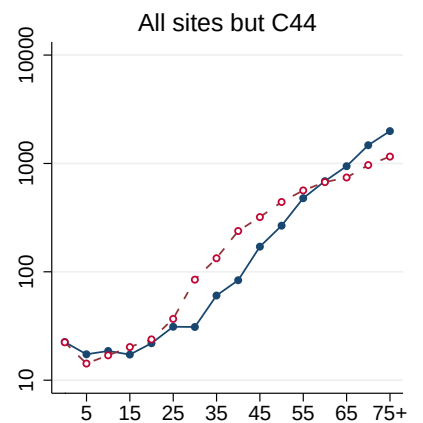
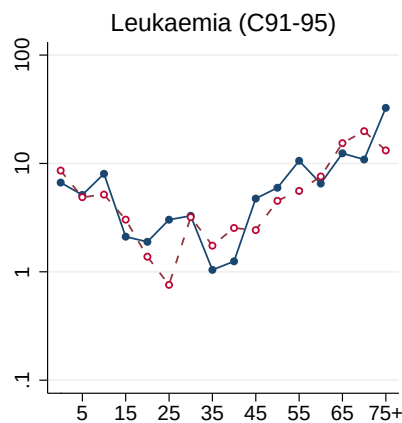
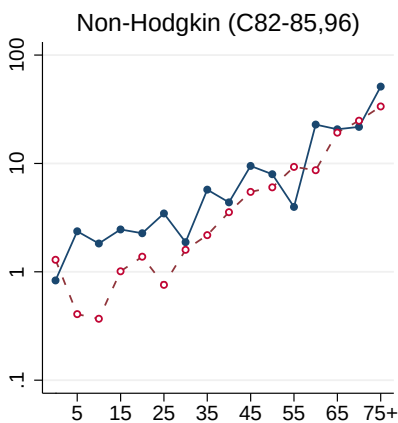
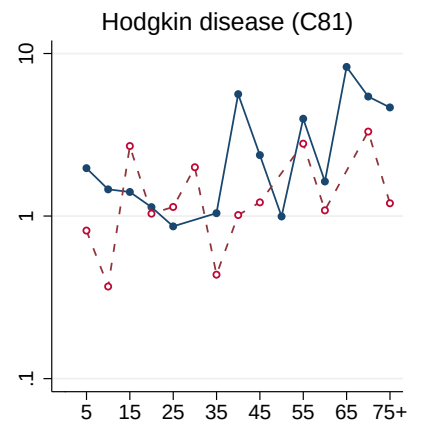
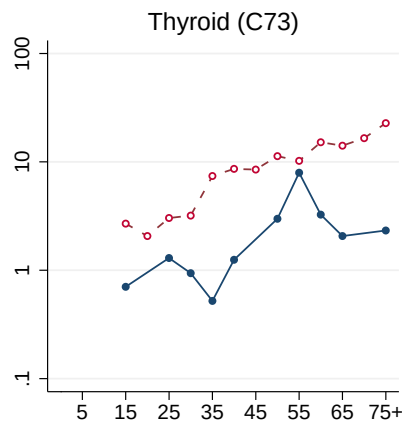
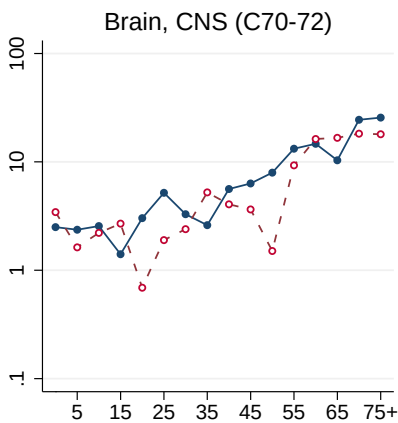
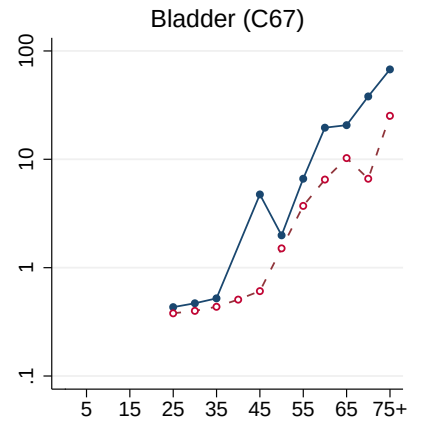
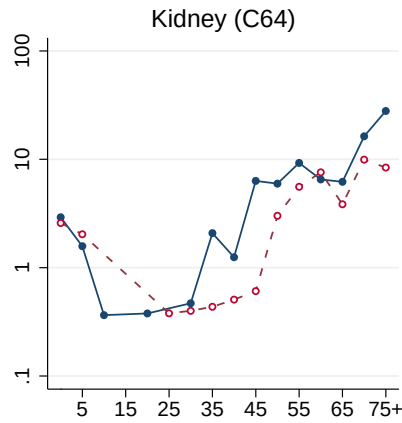
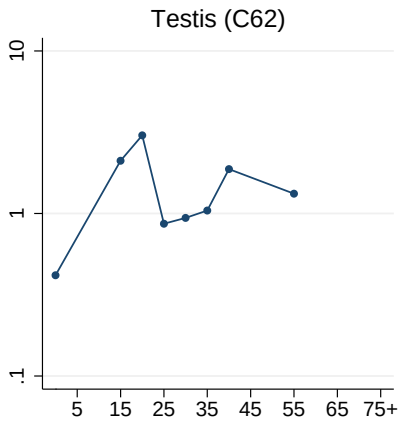
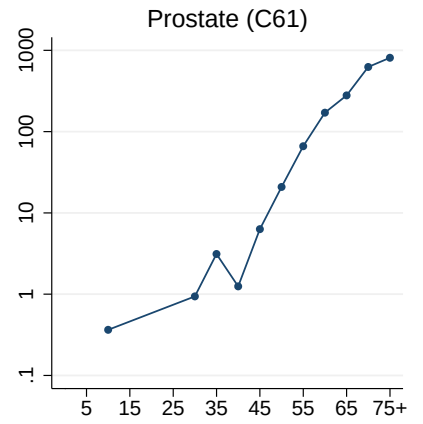
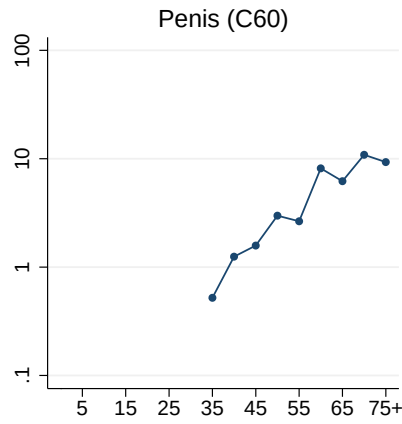
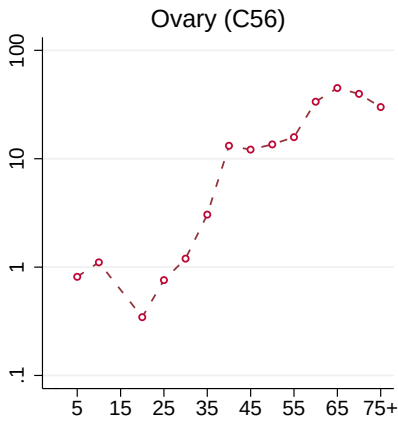
Age in Years



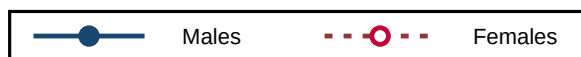
BRAZIL, RECIFE (1998-2001)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years



BRAZIL, RECIFE (2003-2005)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	71 (6.0)	59 (5.4)	90 (7.0)	220 (6.2)
Digestive organs (C15-C26)	228 (19.3)	219 (20.2)	217 (16.8)	664 (18.7)
Respiratory organs (C30-C39)	191 (16.2)	152 (14.0)	175 (13.6)	518 (14.6)
Bone, cartilage, and skin (C40-C44)	145 (12.3)	160 (14.7)	182 (14.1)	487 (13.7)
Breast (C50)	1 (0.1)	3 (0.3)	2 (0.2)	6 (0.2)
Male genitalia (C60-C63)	287 (24.3)	276 (25.4)	370 (28.7)	933 (26.2)
Urinary organs (C64-C68)	53 (4.5)	40 (3.7)	64 (5.0)	157 (4.4)
Eye, brain, and thyroid (C69-C75)	61 (5.2)	43 (4.0)	48 (3.7)	152 (4.3)
Hematopoietic (C81-C96)	76 (6.4)	95 (8.8)	77 (6.0)	248 (7.0)
Other and unspecified	66 (5.6)	38 (3.5)	66 (5.1)	170 (4.8)
All sites	1179 (100.0)	1085 (100.0)	1291 (100.0)	3555 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	33 (2.0)	24 (1.5)	18 (0.9)	75 (1.4)
Digestive organs (C15-C26)	311 (18.9)	286 (17.8)	282 (14.4)	879 (16.9)
Respiratory organs (C30-C39)	96 (5.8)	95 (5.9)	119 (6.1)	310 (6.0)
Bone, cartilage, and skin (C40-C44)	153 (9.3)	175 (10.9)	228 (11.6)	556 (10.7)
Breast (C50)	469 (28.6)	459 (28.6)	630 (32.1)	1558 (29.9)
Female genitalia (C51-C58)	278 (16.9)	279 (17.4)	374 (19.0)	931 (17.9)
Urinary organs (C64-C68)	30 (1.8)	26 (1.6)	35 (1.8)	91 (1.7)
Eye, brain, and thyroid (C69-C75)	91 (5.5)	81 (5.1)	97 (4.9)	269 (5.2)
Hematopoietic (C81-C96)	93 (5.7)	102 (6.4)	107 (5.4)	302 (5.8)
Other and unspecified	88 (5.4)	76 (4.7)	75 (3.8)	239 (4.6)
All sites	1642 (100.0)	1603 (100.0)	1965 (100.0)	5210 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	104 (3.7)	83 (3.1)	108 (3.3)	295 (3.4)
Digestive organs (C15-C26)	539 (19.1)	505 (18.8)	499 (15.3)	1543 (17.6)
Respiratory organs (C30-C39)	287 (10.2)	247 (9.2)	294 (9.0)	828 (9.4)
Bone, cartilage, and skin (C40-C44)	298 (10.6)	335 (12.5)	410 (12.6)	1043 (11.9)
Urinary organs (C64-C68)	83 (2.9)	66 (2.5)	99 (3.0)	248 (2.8)
Eye, brain, and thyroid (C69-C75)	152 (5.4)	124 (4.6)	145 (4.5)	421 (4.8)
Hematopoietic (C81-C96)	169 (6.0)	197 (7.3)	184 (5.7)	550 (6.3)
Other and unspecified	154 (5.5)	114 (4.2)	141 (4.3)	409 (4.7)
All sites	2821 (100.0)	2688 (100.0)	3256 (100.0)	8765 (100.0)

BRAZIL, RECIFE (2003-2005)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	13.5 (6.0)	11.2 (5.4)	16.8 (7.0)	13.8 (6.2)
Digestive organs (C15-C26)	43.0 (19.2)	42.3 (20.6)	40.2 (16.8)	41.8 (18.7)
Respiratory organs (C30-C39)	38.2 (17.1)	29.8 (14.5)	34.2 (14.3)	34.0 (15.3)
Bone, cartilage, and skin (C40-C44)	26.7 (11.9)	29.8 (14.5)	33.3 (13.9)	30.0 (13.4)
Breast (C50)	0.2 (0.1)	0.5 (0.3)	0.3 (0.1)	0.3 (0.1)
Male genitalia (C60-C63)	55.3 (24.7)	53.2 (25.9)	69.8 (29.1)	59.5 (26.7)
Urinary organs (C64-C68)	10.3 (4.6)	7.7 (3.8)	12.0 (5.0)	10.0 (4.5)
Eye, brain, and thyroid (C69-C75)	10.5 (4.7)	7.8 (3.8)	8.4 (3.5)	8.9 (4.0)
Hematopoietic (C81-C96)	14.2 (6.3)	16.3 (7.9)	13.7 (5.7)	14.7 (6.6)
Other and unspecified	11.8 (5.3)	6.7 (3.3)	11.3 (4.7)	9.9 (4.5)
All sites	223.7 (100.0)	205.3 (100.0)	239.8 (100.0)	223.0 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	4.0 (2.0)	2.6 (1.4)	2.2 (0.9)	2.9 (1.4)
Digestive organs (C15-C26)	36.6 (18.3)	32.8 (17.1)	33.2 (14.2)	34.2 (16.3)
Respiratory organs (C30-C39)	12.2 (6.1)	11.6 (6.0)	14.1 (6.0)	12.7 (6.0)
Bone, cartilage, and skin (C40-C44)	18.3 (9.1)	19.9 (10.3)	26.5 (11.3)	21.6 (10.3)
Breast (C50)	58.3 (29.0)	57.3 (29.8)	77.1 (32.8)	64.3 (30.7)
Female genitalia (C51-C58)	34.5 (17.2)	33.7 (17.5)	44.5 (19.0)	37.6 (18.0)
Urinary organs (C64-C68)	3.5 (1.7)	3.2 (1.7)	3.7 (1.6)	3.5 (1.7)
Eye, brain, and thyroid (C69-C75)	11.7 (5.8)	10.0 (5.2)	11.7 (5.0)	11.1 (5.3)
Hematopoietic (C81-C96)	11.2 (5.6)	12.0 (6.2)	12.4 (5.3)	11.9 (5.7)
Other and unspecified	10.4 (5.2)	9.0 (4.7)	9.3 (3.9)	9.5 (4.6)
All sites	200.7 (100.0)	192.2 (100.0)	234.6 (100.0)	209.3 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	7.8 (3.8)	6.0 (3.1)	8.0 (3.4)	7.3 (3.5)
Digestive organs (C15-C26)	39.1 (18.9)	36.4 (18.7)	36.0 (15.5)	37.1 (17.6)
Respiratory organs (C30-C39)	22.2 (10.7)	18.6 (9.6)	21.9 (9.4)	20.9 (9.9)
Bone, cartilage, and skin (C40-C44)	21.5 (10.4)	23.8 (12.2)	28.8 (12.4)	24.7 (11.7)
Urinary organs (C64-C68)	6.0 (2.9)	4.9 (2.5)	6.8 (2.9)	5.9 (2.8)
Eye, brain, and thyroid (C69-C75)	11.2 (5.4)	9.0 (4.6)	10.4 (4.5)	10.2 (4.8)
Hematopoietic (C81-C96)	12.2 (5.9)	13.8 (7.1)	12.8 (5.5)	12.9 (6.1)
Other and unspecified	11.0 (5.3)	8.0 (4.1)	10.1 (4.3)	9.7 (4.6)
All sites	206.5 (100.0)	194.1 (100.0)	232.5 (100.0)	211.2 (100.0)

BRAZIL, RECIFE (2003-2005)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	220	0	0.5	.	.	.	1.0	0.5	1.2	5.8	9.8	19.2	33.0	68.4	57.8	53.2	67.5	92.3	10.7	13.8	1.59	81	11	3	C00-14
Oesophagus (C15)	94	3	.	.	.	.	.	.	0.6	0.6	1.5	8.7	17.7	13.3	15.9	37.2	43.9	54.3	4.6	6.0	0.72	55	22	11	C15
Stomach (C16)	167	0	.	.	.	.	0.5	1.6	4.8	0.6	7.5	8.7	17.7	26.7	45.8	50.6	50.7	127.6	8.1	10.3	1.08	50	26	4	C16
Colon (C18)	79	0	.	.	.	.	.	.	.	1.9	3.8	2.9	8.3	16.7	10.0	26.6	37.1	67.6	3.8	4.9	0.54	39	37		C18
Rectum (C19-20)	64	0	.	.	.	.	.	.	0.6	1.3	.	3.8	9.4	20.0	8.0	18.6	33.8	43.4	3.1	4.0	0.48	70	13		C19-20
Colorectal (C18-20)	143	0	.	.	.	.	.	.	0.6	3.2	3.8	6.7	17.7	36.7	17.9	45.2	70.9	111.3	6.9	8.9	1.01	53	26	5	C18-20
Anus (C21)	9	0	.	.	.	.	.	.	.	0.6	.	.	1.2	1.7	2.0	8.0	3.4	2.7	0.4	0.6	0.08	89	11	24	C21
Colon, rectum and anus (C18-21)	152	0	.	.	.	.	.	.	0.6	3.8	3.8	6.7	18.9	38.4	19.9	53.2	74.3	114.0	7.4	9.5	1.10	55	25		C18-21
Liver (C22)	115	1	.	.	.	.	.	.	.	1.3	3.8	2.9	21.2	13.3	29.9	37.2	57.4	86.9	5.6	7.3	0.84	22	40	8	C22
Gallbladder (C23-24)	30	1	.	.	.	.	.	1.1	.	.	1.5	1.0	3.5	.	6.0	8.0	10.1	32.6	1.5	1.8	0.16	27	43	18	C23-24
Pancreas (C25)	83	0	.	.	.	.	.	.	.	0.6	0.8	5.8	8.3	16.7	21.9	26.6	37.1	70.6	4.0	5.3	0.59	24	37	14	C25
Nose, sinuses (C30-31)	11	0	.	.	.	0.4	.	.	.	.	.	1.0	4.7	1.7	2.0	2.7	3.4	2.7	0.5	0.7	0.08	82	9	20	C30-31
Larynx (C32)	116	0	.	.	.	.	.	.	.	0.6	5.3	16.3	16.5	18.3	37.8	39.9	57.4	40.7	5.6	7.6	0.96	77	19	7	C32
Lung, trachea and bronchus (C33-34)	369	2	0.5	.	.	0.4	1.9	.	0.6	2.6	6.0	30.8	35.4	75.1	113.5	170.3	185.5	192.7	17.9	24.4	3.03	47	23	2	C33-34
Melanoma of skin (C43)	25	0	.	.	.	.	.	.	0.6	0.6	.	1.0	2.4	5.0	4.0	10.6	6.8	24.4	1.2	1.6	0.15	72	12	19	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	.	.	1.2	.	.	2.7	.	2.7	0.1	0.2	0.02	33	33	27	C45
Kaposi sarcoma (C46)	13	0	.	.	.	.	0.5	1.6	1.2	0.6	1.5	1.0	2.4	.	2.0	.	.	.	0.6	0.6	0.05	92	0	23	C46
Breast (C50)	6	0	.	.	.	.	.	.	.	.	0.8	2.9	1.2	.	.	.	.	2.7	0.3	0.3	0.02	100	0	26	C50
Penis (C60)	32	0	.	.	.	.	.	.	0.6	0.6	0.8	2.9	5.9	5.0	6.0	5.3	10.1	27.1	1.6	1.9	0.19	78	6	17	C60
Prostate (C61)	887	1	.	.	.	.	.	.	0.6	2.6	2.3	11.5	23.6	98.4	183.3	375.2	533.5	1074.8	43.0	56.9	6.16	76	10	1	C61
Testis (C62)	13	0	.	0.5	.	1.8	1.4	0.5	1.2	.	.	.	.	.	2.0	2.7	.	.	0.6	0.6	0.05	92	0	25	C62
Kidney (C64)	58	0	1.6	0.5	.	.	.	.	.	1.3	0.8	3.8	8.3	15.0	17.9	26.6	10.1	24.4	2.8	3.8	0.43	57	24	15	C64
Bladder (C67)	95	0	.	.	.	.	.	.	.	0.6	0.8	2.9	1.2	6.7	15.9	34.6	54.0	130.3	4.6	5.9	0.58	53	32	12	C67
Brain, CNS (C70-72)	114	0	3.7	2.6	0.5	2.7	1.0	1.1	4.2	1.9	2.3	7.7	21.2	20.0	15.9	34.6	16.9	38.0	5.5	6.8	0.68	36	37	9	C70-72
Thyroid (C73)	13	0	.	.	.	0.4	0.5	0.5	.	1.3	0.8	1.0	4.7	.	.	.	3.4	2.7	0.6	0.7	0.06	100	0	22	C73
Hodgkin disease (C81)	14	0	.	1.0	.	0.9	1.0	0.5	.	1.3	0.8	.	1.2	.	.	2.7	.	5.4	0.7	0.7	0.05	79	0	21	C81
Non-Hodgkin lymphoma (C82-85;C96)	101	0	1.1	1.0	0.5	0.4	1.4	3.3	2.4	2.6	4.5	4.8	15.3	13.3	8.0	61.2	27.0	29.9	4.9	6.1	0.73	63	21	10	C82-85;C96
Multiple myeloma (C88-C90)	36	0	.	.	.	.	.	0.5	.	0.6	2.3	1.0	2.4	3.3	17.9	5.3	20.3	24.4	1.7	2.3	0.27	67	14	16	C88-C90
Lymphoid leukaemia (C91)	39	0	4.8	1.6	2.4	1.3	0.5	.	.	.	.	2.9	2.4	1.7	2.0	8.0	6.8	16.3	1.9	2.2	0.17	72	23		C91
Myeloid leukaemia (C92-94)	49	0	0.5	.	1.0	0.9	1.4	1.1	0.6	1.3	1.5	3.8	4.7	3.3	17.9	2.7	16.9	24.4	2.4	2.9	0.29	51	22		C92-94
Leukaemia unspecified (C95)	9	0	.	.	0.5	.	.	.	.	0.6	.	1.9	.	1.7	.	.	.	10.9	0.4	0.5	0.02	22	33		C95
Leukaemia (C91-95)	97	0	5.3	1.6	3.8	2.2	1.9	1.1	0.6	1.9	1.5	8.7	7.1	6.7	19.9	10.6	23.6	51.6	4.7	5.6	0.48	57	24	13	C91-95
Other and unspecified (O&U)	130	0	1.1	.	.	0.9	1.0	1.6	2.4	3.2	5.3	13.5	15.3	16.7	12.0	34.6	67.5	78.7	6.3	7.8	0.87	61	23	6	O&U
All sites but C44 (ALLbC44)	3143	8	16.0	9.9	6.7	13.9	15.8	16.3	22.9	39.7	67.9	167.2	308.0	493.7	883.3	1136.1	1384.5	2380.3	152.4	197.5	21.96	62	19		ALLbC44
All sites (ALL)	3555	9	16.5	10.4	6.7	13.9	16.2	18.5	28.3	46.1	88.3	188.4	348.1	560.4	776.9	1263.8	1533.1	2714.1	172.3	223.0	24.64	66	17		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, RECIFE (2003-2005)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	75	0	.	.	.	0.4	.	1.0	.	1.1	4.3	2.2	7.1	2.3	14.2	13.1	13.6	33.4	3.2	2.9	0.30	83	11	16	C00-14
Oesophagus (C15)	39	0	.	.	.	.	.	.	.	.	1.9	.	3.6	.	5.2	9.8	9.7	23.6	1.6	1.5	0.15	51	23	20	C15
Stomach (C16)	139	2	.	.	.	0.4	0.4	1.0	1.0	2.2	1.2	4.4	6.2	8.2	25.9	32.7	48.4	55.6	5.9	5.5	0.67	49	23	8	C16
Colon (C18)	155	0	.	.	.	.	.	0.5	1.5	3.8	4.3	7.4	2.7	15.1	31.0	27.8	32.9	73.7	6.5	6.0	0.64	48	28		C18
Rectum (C19-20)	128	0	.	.	.	.	0.4	0.5	0.5	1.1	4.3	5.2	6.2	16.3	19.4	34.3	23.3	55.6	5.4	5.1	0.56	64	23		C19-20
Colorectal (C18-20)	283	0	.	.	.	.	0.4	1.0	2.1	4.8	8.7	12.5	8.9	31.5	50.4	62.1	56.2	129.4	11.9	11.1	1.19	55	26	3	C18-20
Anus (C21)	42	0	.	.	.	.	.	.	.	0.5	3.7	2.2	6.2	3.5	2.6	8.2	5.8	16.7	1.8	1.6	0.16	88	5	19	C21
Colon, rectum and anus (C18-21)	325	0	.	.	.	.	0.4	1.0	2.1	5.4	12.4	14.7	15.2	35.0	53.0	70.2	62.0	146.1	13.7	12.7	1.36	60	23		C18-21
Liver (C22)	142	0	.	.	0.5	.	.	0.5	.	1.1	1.9	2.2	12.5	12.8	20.7	27.8	42.6	72.3	6.0	5.5	0.61	28	48	9	C22
Gallbladder (C23-24)	92	0	.	.	.	.	0.4	.	1.0	0.5	0.6	0.7	8.0	12.8	7.8	24.5	34.9	37.6	3.9	3.6	0.46	38	33	14	C23-24
Pancreas (C25)	90	0	.	.	.	.	.	.	0.5	1.1	.	1.5	7.1	15.1	9.1	14.7	34.9	41.7	3.8	3.5	0.42	12	54	15	C25
Nose, sinuses (C30-31)	5	0	.	.	.	.	.	.	.	0.5	.	.	0.9	.	1.3	.	.	2.8	0.2	0.2	0.01	60	0	25	C30-31
Larynx (C32)	27	0	.	.	.	0.4	.	.	0.5	0.5	.	0.7	2.7	2.3	6.5	3.3	5.8	11.1	1.1	1.1	0.11	81	11	23	C32
Lung, trachea and bronchus (C33-34)	250	2	.	.	.	0.9	.	1.0	.	2.7	6.2	22.1	25.0	30.3	53.0	31.0	44.6	86.2	10.5	10.2	1.09	47	23	4	C33-34
Melanoma of skin (C43)	30	0	0.6	0.5	0.5	.	.	0.5	0.5	.	1.2	2.2	0.9	5.8	3.9	3.3	3.9	9.7	1.3	1.2	0.12	77	7	22	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	0.5	.	.	.	.	.	.	.	.	.	1.4	0.1	0.1	0.00	50	50	26	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	1558	8	.	.	.	0.9	2.2	13.0	25.2	42.5	88.7	146.7	187.3	196.9	214.7	264.6	228.7	307.4	65.7	64.3	7.09	83	6	1	C50
Cervix uteri (C53)	534	1	.	.	.	1.3	3.1	11.5	16.0	25.8	32.3	50.9	47.3	75.7	62.1	60.4	69.8	83.5	22.5	21.6	2.29	87	7	2	C53
Corpus uteri (C54)	126	0	.	.	.	.	.	.	0.5	1.1	2.5	12.5	13.4	11.7	22.0	32.7	21.3	40.3	5.3	5.2	0.59	85	6	10	C54
Ovary (C56)	156	0	0.6	0.5	.	0.4	0.4	2.4	2.1	5.4	7.4	13.3	16.1	17.5	9.1	24.5	31.0	44.5	6.6	6.2	0.65	63	19	6	C56
Kidney (C64)	46	0	1.7	0.5	0.5	.	.	1.0	.	2.2	2.5	2.2	0.9	2.3	2.6	6.5	15.5	15.3	1.9	1.8	0.19	54	28	17	C64
Bladder (C67)	39	0	.	.	.	.	.	.	.	.	0.6	.	0.9	2.3	3.9	8.2	19.4	23.6	1.6	1.4	0.18	64	28	21	C67
Brain, CNS (C70-72)	139	1	2.2	2.7	3.9	0.4	0.9	0.5	0.5	4.8	5.0	7.4	11.6	11.7	20.7	26.1	27.1	27.8	5.9	5.9	0.63	45	27	7	C70-72
Thyroid (C73)	114	0	.	.	.	1.3	1.3	2.9	4.1	5.4	7.4	11.1	10.7	12.8	5.2	16.3	21.3	12.5	4.8	4.6	0.50	90	6	12	C73
Hodgkin disease (C81)	26	0	.	.	1.9	1.7	1.8	2.4	1.5	0.5	.	0.7	.	2.3	1.3	.	.	1.4	1.1	1.0	0.07	85	8	24	C81
Non-Hodgkin lymphoma (C82-85;C96)	121	0	.	1.1	.	0.9	2.2	1.9	2.6	5.4	2.5	6.6	4.5	8.2	11.6	14.7	40.7	40.3	5.1	4.6	0.51	66	19	11	C82-85;C96
Multiple myeloma (C88-C90)	44	0	.	.	.	.	.	.	0.5	0.5	0.6	2.2	.	4.7	5.2	13.1	13.6	20.9	1.9	1.7	0.20	45	34	18	C88-C90
Lymphoid leukaemia (C91)	32	0	4.4	2.2	.	0.4	1.8	.	.	0.5	2.5	1.5	0.9	1.2	.	3.3	1.9	4.2	1.3	1.5	0.10	66	19		C91
Myeloid leukaemia (C92-94)	70	1	2.2	0.5	.	3.5	1.3	2.4	1.5	1.1	1.2	2.9	3.6	5.8	2.6	.	13.6	26.4	2.9	2.7	0.21	57	10		C92-94
Leukaemia unspecified (C95)	9	0	.	.	.	.	0.4	.	.	.	.	.	.	.	1.3	3.3	1.9	5.6	0.4	0.3	0.03	11	67		C95
Leukaemia (C91-95)	111	1	6.6	2.7	.	3.9	3.5	2.4	1.5	1.6	3.7	4.4	4.5	7.0	3.9	6.5	17.4	36.2	4.7	4.5	0.35	56	17	13	C91-95
Other and unspecified (O&U)	233	0	1.1	.	1.5	.	0.9	2.4	.	7.0	6.8	11.8	15.2	24.5	29.7	35.9	60.1	93.2	9.8	9.1	0.98	54	24	5	O&U
All sites but C44 (ALLbC44)	4723	15	15.0	10.2	9.2	14.7	22.2	47.6	62.8	121.5	201.6	337.7	425.5	538.3	619.5	777.6	904.9	1346.4	199.0	190.5	20.61	69	16		ALLbC44
All sites (ALL)	5210	16	15.0	10.2	9.7	14.7	22.6	50.0	67.0	130.6	215.9	365.0	460.3	590.8	675.1	859.3	1023.1	1563.4	219.6	209.3	22.62	72	14		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

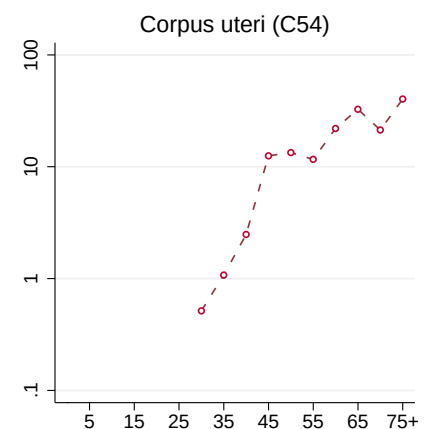
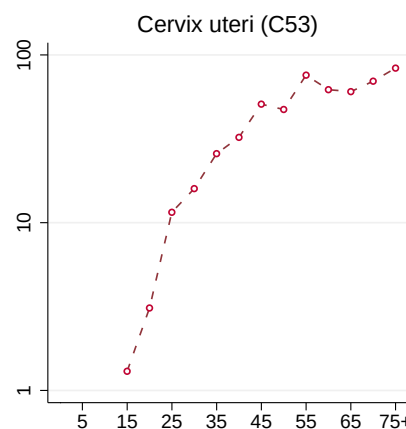
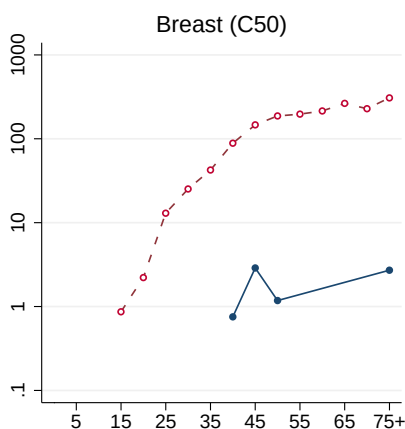
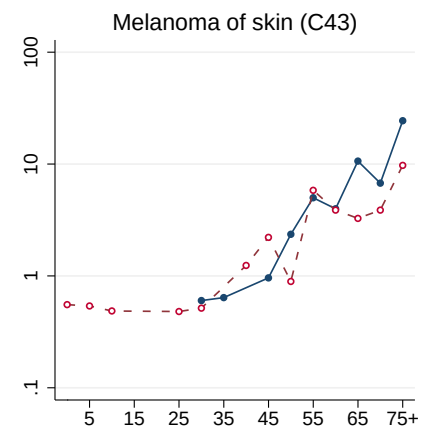
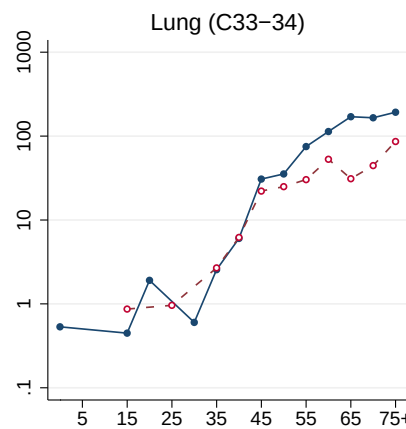
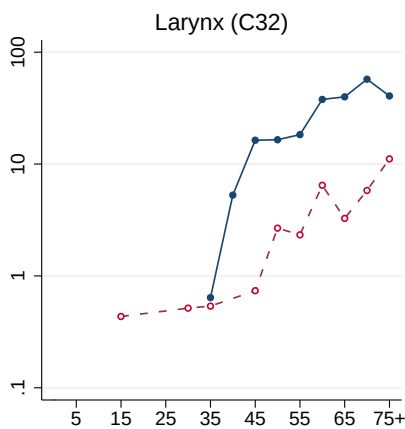
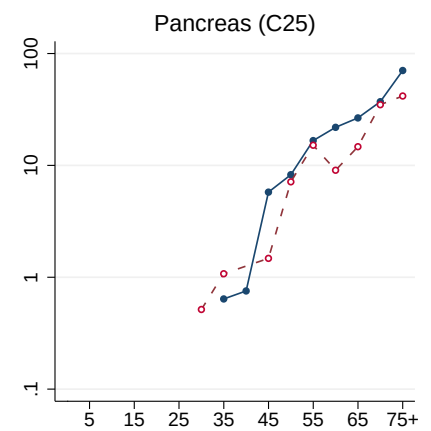
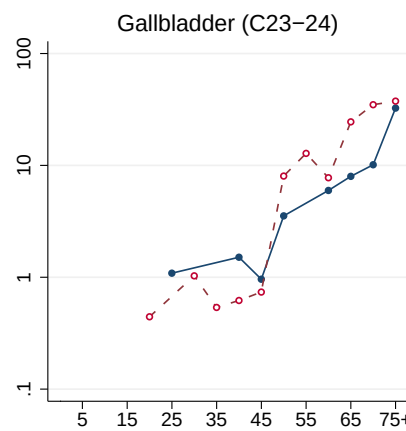
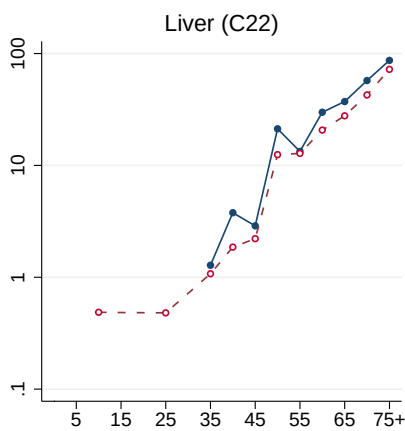
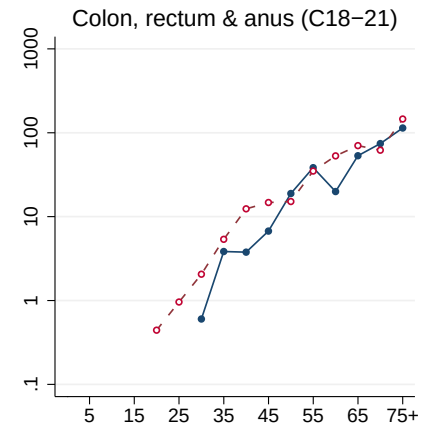
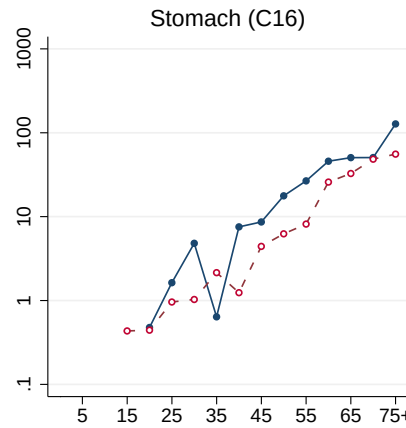
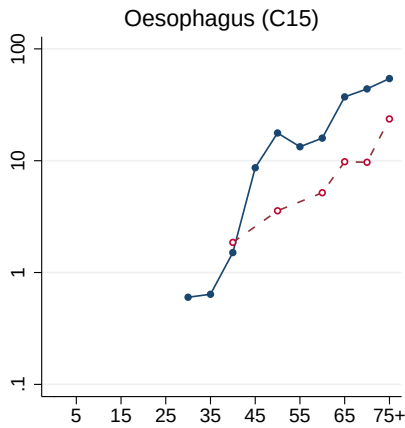
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

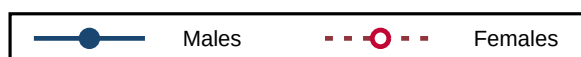
BRAZIL, RECIFE (2003–2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



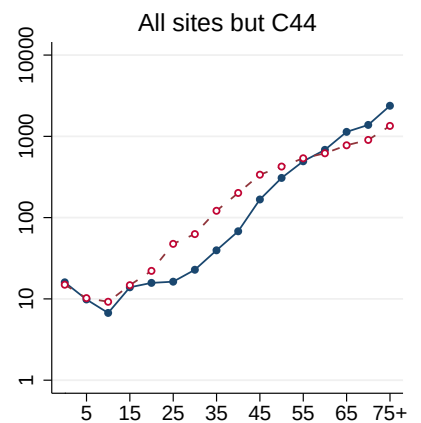
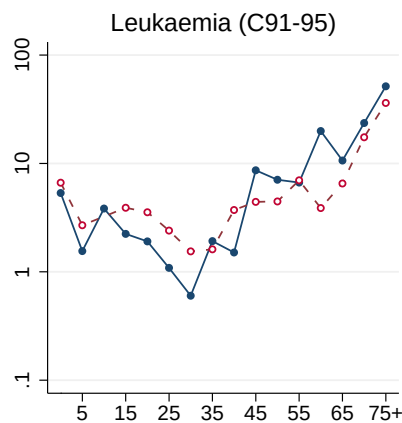
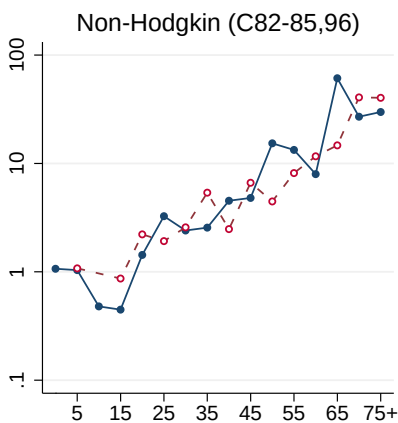
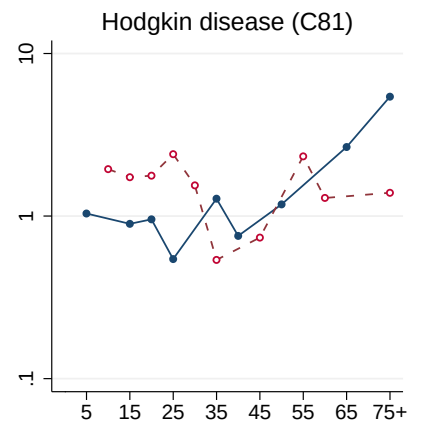
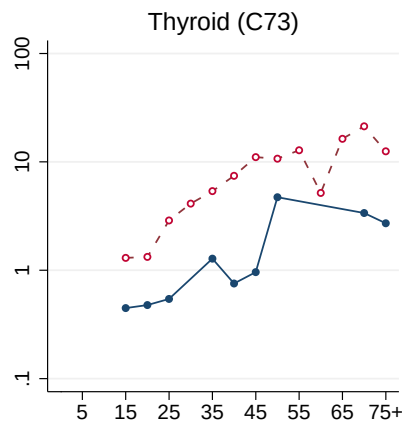
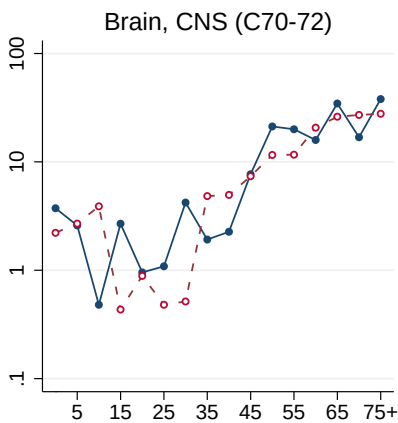
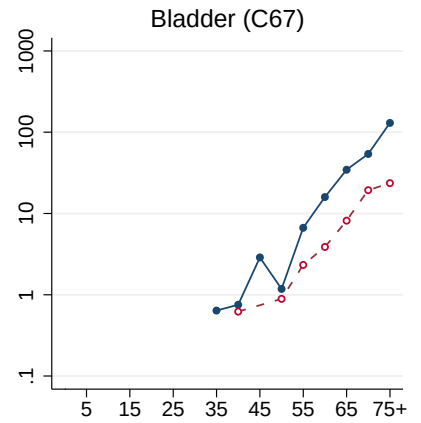
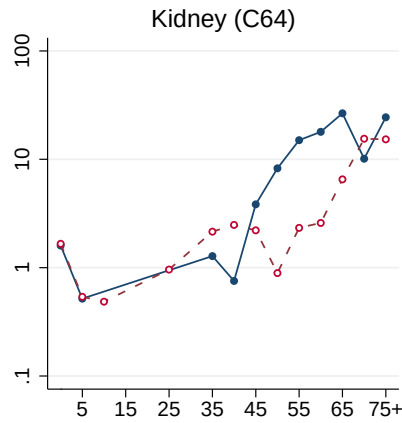
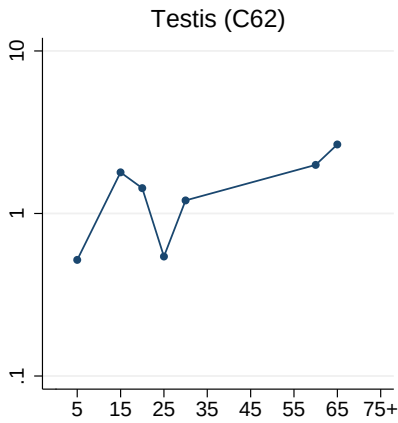
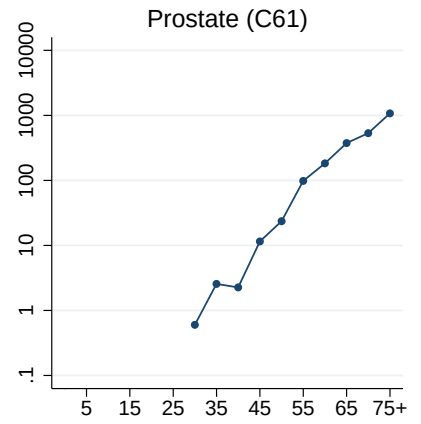
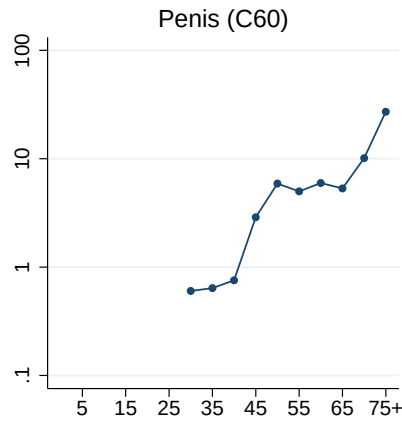
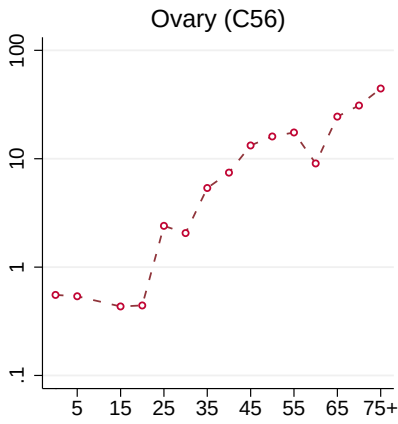
Age in Years



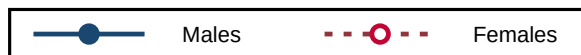
BRAZIL, RECIFE (2003-2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



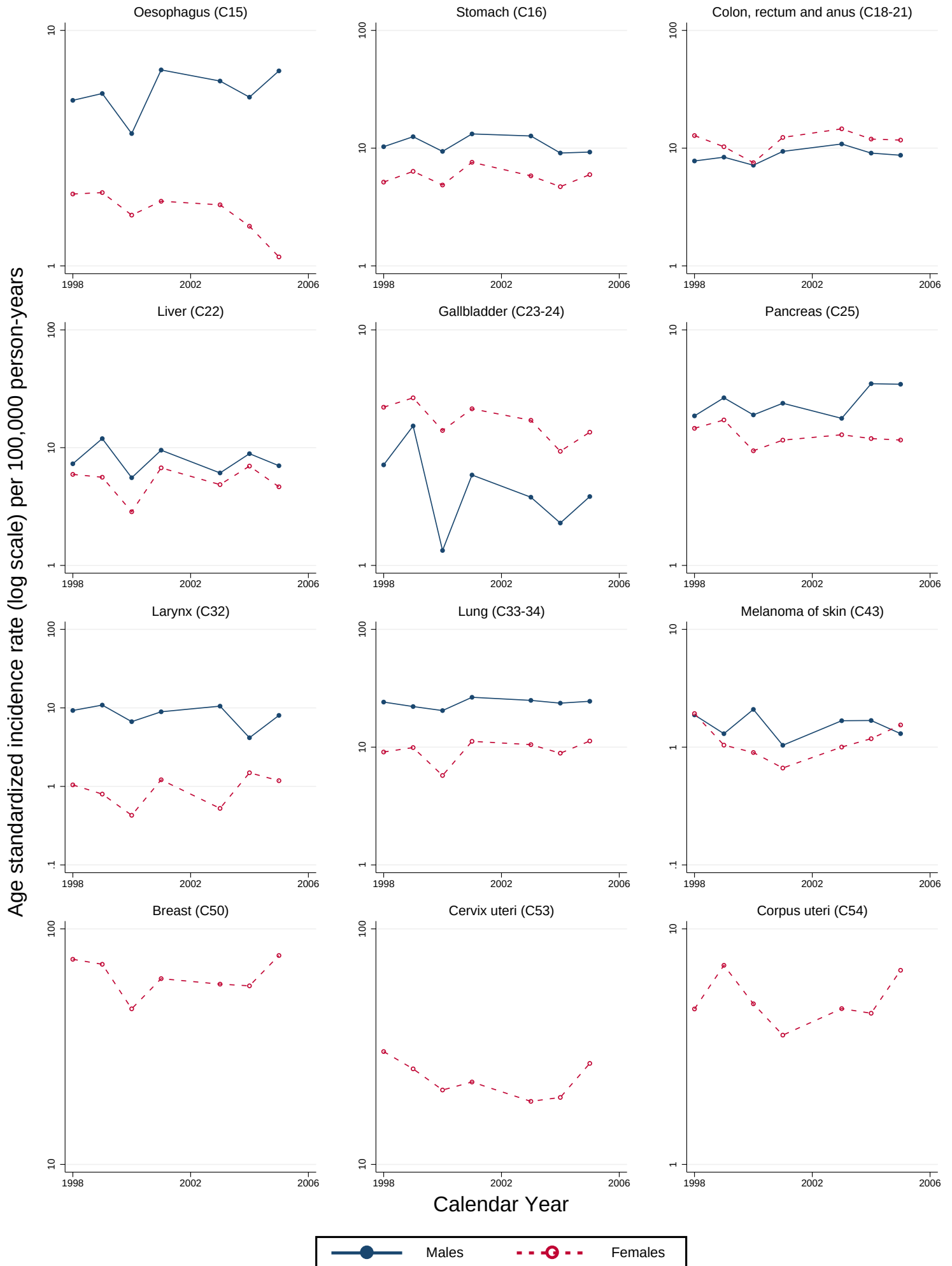
Age in Years



BRAZIL, RECIFE (1998-2005)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

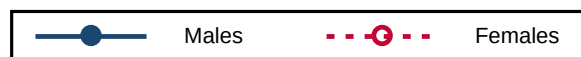
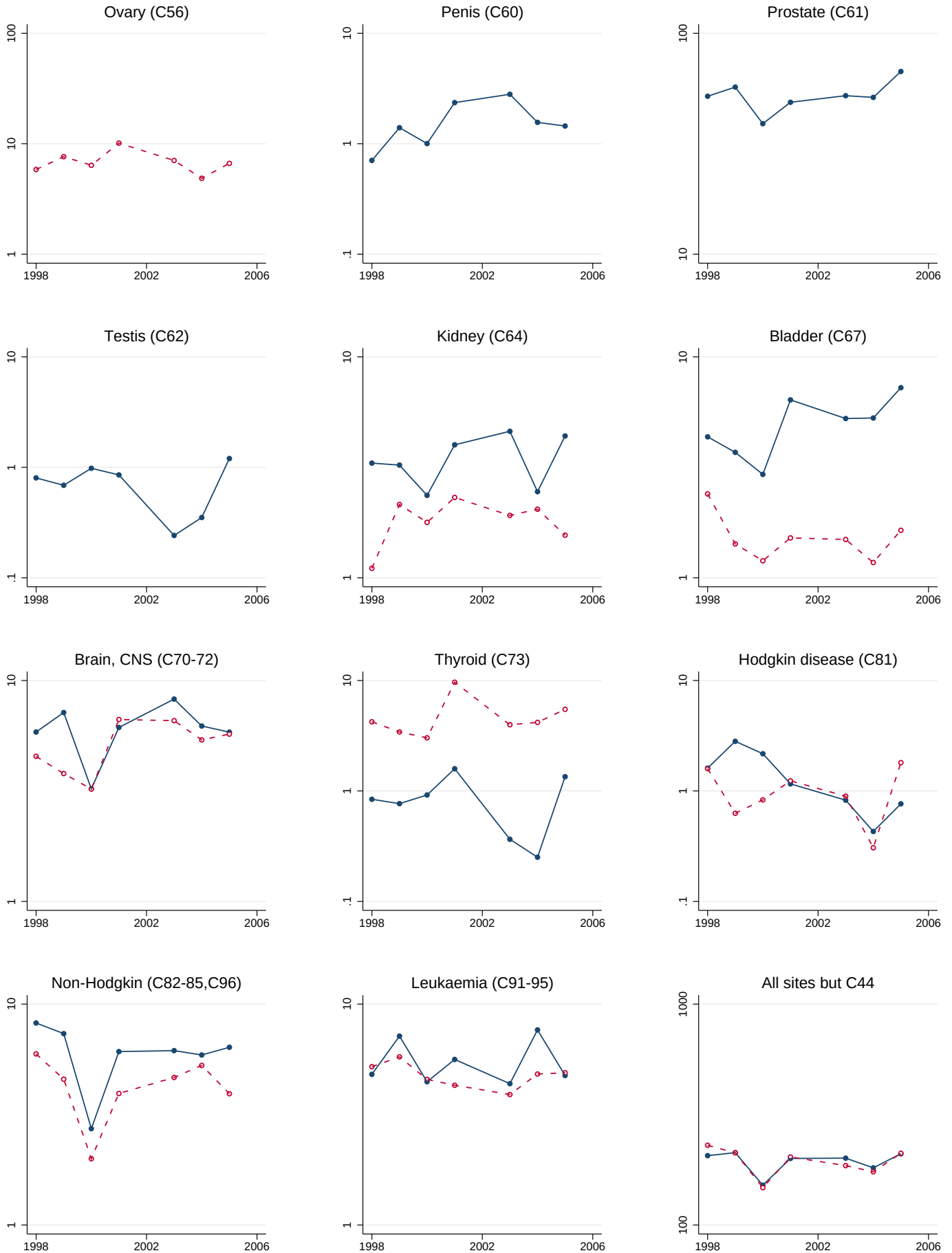


BRAZIL, RECIFE (1998-2005)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

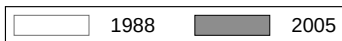
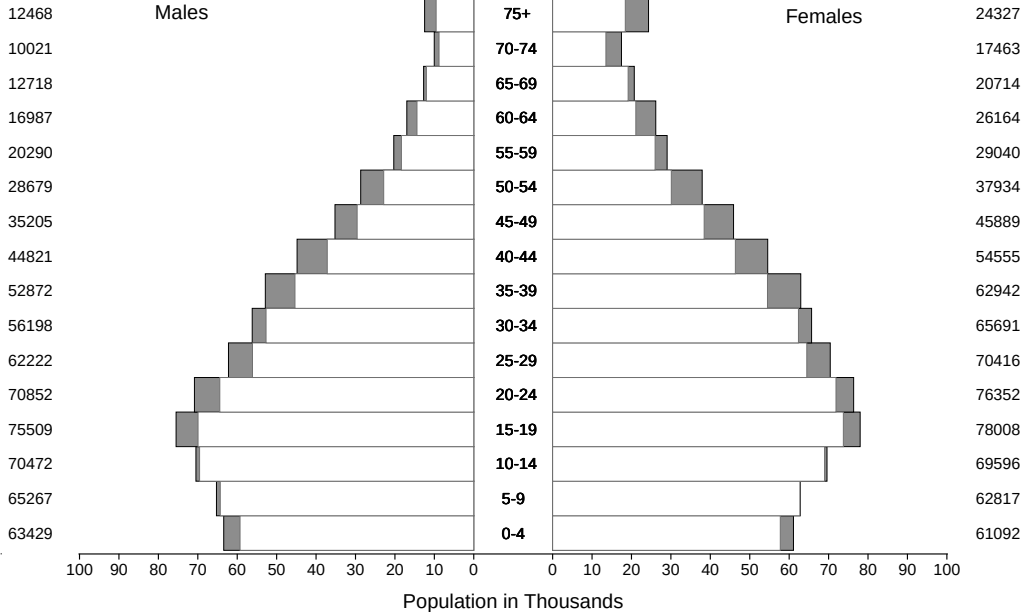


BRAZIL, RECIFE (1998-2005)

Average annual person-years

Males

Females



Registry Summary Tables and Figures

BRAZIL, SALVADOR (1996-2005)

Registry Director*: Dr Elmando Sampaio Silva

Registry Staff*: Dermeval Nunes dos Santos, Ana Cristina de Santana, Daniele Rodrigues da Conceição, Mario José Guimarães Filho, Edigleice Oliveira Souza Machado Silva, Maria de Lurdes V Froes, Luiz Carlos Calmon Teixeira, Robson Moura Freitas, Helenemarie S. Barbosa, Maria José Amorim Nascimento

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.br/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, SALVADOR (1996-2000)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1996 n (%)	1997 n (%)	1998 n (%)	1999 n (%)	2000 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	127 (7.2)	150 (6.7)	107 (5.9)	128 (6.6)	118 (6.5)	630 (6.6)
Digestive organs (C15-C26)	247 (14.0)	384 (17.2)	255 (14.1)	296 (15.2)	322 (17.8)	1504 (15.7)
Respiratory organs (C30-C39)	167 (9.5)	270 (12.1)	205 (11.3)	213 (11.0)	242 (13.4)	1097 (11.5)
Bone, cartilage, and skin (C40-C44)	316 (17.9)	334 (14.9)	383 (21.2)	329 (16.9)	235 (13.0)	1597 (16.7)
Breast (C50)	4 (0.2)	4 (0.2)	2 (0.1)	4 (0.2)	9 (0.5)	23 (0.2)
Male genitalia (C60-C63)	531 (30.1)	643 (28.8)	495 (27.3)	564 (29.0)	525 (29.0)	2758 (28.8)
Urinary organs (C64-C68)	111 (6.3)	109 (4.9)	91 (5.0)	84 (4.3)	82 (4.5)	477 (5.0)
Eye, brain, and thyroid (C69-C75)	62 (3.5)	64 (2.9)	51 (2.8)	56 (2.9)	56 (3.1)	289 (3.0)
Hematopoietic (C81-C96)	118 (6.7)	153 (6.8)	126 (7.0)	148 (7.6)	103 (5.7)	648 (6.8)
Other and unspecified	82 (4.6)	125 (5.6)	95 (5.2)	121 (6.2)	119 (6.6)	542 (5.7)
All sites	1765 (100.0)	2236 (100.0)	1810 (100.0)	1943 (100.0)	1811 (100.0)	9565 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	36 (1.7)	57 (2.2)	39 (1.9)	54 (2.4)	35 (1.7)	221 (2.0)
Digestive organs (C15-C26)	260 (12.3)	379 (14.4)	290 (14.1)	326 (14.5)	342 (16.3)	1597 (14.3)
Respiratory organs (C30-C39)	58 (2.7)	96 (3.7)	77 (3.7)	103 (4.6)	98 (4.7)	432 (3.9)
Bone, cartilage, and skin (C40-C44)	298 (14.1)	339 (12.9)	363 (17.6)	314 (13.9)	278 (13.2)	1592 (14.3)
Breast (C50)	589 (27.8)	795 (30.3)	608 (29.6)	631 (28.0)	593 (28.2)	3216 (28.8)
Female genitalia (C51-C58)	500 (23.6)	445 (16.9)	332 (16.1)	379 (16.8)	316 (15.0)	1972 (17.7)
Urinary organs (C64-C68)	48 (2.3)	57 (2.2)	43 (2.1)	55 (2.4)	48 (2.3)	251 (2.3)
Eye, brain, and thyroid (C69-C75)	117 (5.5)	146 (5.6)	84 (4.1)	116 (5.2)	115 (5.5)	578 (5.2)
Hematopoietic (C81-C96)	124 (5.9)	149 (5.7)	130 (6.3)	126 (5.6)	125 (5.9)	654 (5.9)
Other and unspecified	89 (4.2)	163 (6.2)	91 (4.4)	148 (6.6)	151 (7.2)	642 (5.8)
All sites	2119 (100.0)	2626 (100.0)	2057 (100.0)	2252 (100.0)	2101 (100.0)	11155 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	163 (4.2)	207 (4.3)	146 (3.8)	182 (4.3)	153 (3.9)	851 (4.1)
Digestive organs (C15-C26)	507 (13.1)	763 (15.7)	545 (14.1)	622 (14.8)	664 (17.0)	3101 (15.0)
Respiratory organs (C30-C39)	225 (5.8)	366 (7.5)	282 (7.3)	316 (7.5)	340 (8.7)	1529 (7.4)
Bone, cartilage, and skin (C40-C44)	614 (15.8)	673 (13.8)	746 (19.3)	643 (15.3)	513 (13.1)	3189 (15.4)
Urinary organs (C64-C68)	159 (4.1)	166 (3.4)	134 (3.5)	139 (3.3)	130 (3.3)	728 (3.5)
Eye, brain, and thyroid (C69-C75)	179 (4.6)	210 (4.3)	135 (3.5)	172 (4.1)	171 (4.4)	867 (4.2)
Hematopoietic (C81-C96)	242 (6.2)	302 (6.2)	256 (6.6)	274 (6.5)	228 (5.8)	1302 (6.3)
Other and unspecified	171 (4.4)	288 (5.9)	186 (4.8)	269 (6.4)	270 (6.9)	1184 (5.7)
All sites	3884 (100.0)	4862 (100.0)	3867 (100.0)	4195 (100.0)	3912 (100.0)	20720 (100.0)

BRAZIL, SALVADOR (1996-2000)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1996 ASR (%)	1997 ASR (%)	1998 ASR (%)	1999 ASR (%)	2000 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	21.0 (6.7)	25.4 (6.4)	17.2 (5.5)	20.0 (6.1)	15.8 (5.9)	19.7 (6.1)
Digestive organs (C15-C26)	43.3 (13.8)	68.2 (17.3)	42.7 (13.7)	49.5 (15.1)	47.3 (17.7)	50.1 (15.6)
Respiratory organs (C30-C39)	30.5 (9.7)	48.6 (12.3)	35.7 (11.4)	35.7 (10.9)	37.3 (14.0)	37.6 (11.7)
Bone, cartilage, and skin (C40-C44)	53.1 (17.0)	57.2 (14.5)	64.2 (20.6)	54.5 (16.6)	33.4 (12.5)	51.8 (16.1)
Breast (C50)	0.6 (0.2)	0.6 (0.2)	0.4 (0.1)	0.8 (0.3)	1.2 (0.4)	0.8 (0.2)
Male genitalia (C60-C63)	105.9 (33.8)	125.9 (31.9)	96.0 (30.8)	107.8 (32.8)	85.4 (32.0)	103.6 (32.2)
Urinary organs (C64-C68)	19.8 (6.3)	20.1 (5.1)	15.8 (5.1)	14.8 (4.5)	12.3 (4.6)	16.4 (5.1)
Eye, brain, and thyroid (C69-C75)	8.9 (2.8)	8.5 (2.2)	6.9 (2.2)	6.5 (2.0)	6.5 (2.4)	7.4 (2.3)
Hematopoietic (C81-C96)	16.5 (5.3)	20.5 (5.2)	17.3 (5.5)	20.4 (6.2)	11.9 (4.5)	17.2 (5.3)
Other and unspecified	13.3 (4.2)	19.4 (4.9)	15.6 (5.0)	18.5 (5.6)	16.3 (6.1)	16.6 (5.2)
All sites	313.0 (100.0)	394.5 (100.0)	311.8 (100.0)	328.7 (100.0)	267.4 (100.0)	321.2 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3.7 (1.6)	6.0 (2.1)	4.2 (1.9)	5.5 (2.3)	3.4 (1.8)	4.5 (1.9)
Digestive organs (C15-C26)	30.3 (13.0)	42.9 (14.8)	33.1 (14.8)	36.3 (15.0)	32.1 (16.6)	34.9 (14.9)
Respiratory organs (C30-C39)	6.7 (2.9)	11.1 (3.8)	8.9 (4.0)	12.0 (5.0)	9.5 (4.9)	9.7 (4.1)
Bone, cartilage, and skin (C40-C44)	32.6 (13.9)	37.0 (12.8)	38.8 (17.4)	33.6 (13.9)	25.3 (13.1)	33.2 (14.1)
Breast (C50)	64.1 (27.4)	88.8 (30.6)	66.1 (29.6)	68.4 (28.2)	54.7 (28.4)	67.9 (28.9)
Female genitalia (C51-C58)	56.9 (24.4)	49.8 (17.2)	36.2 (16.2)	41.2 (17.0)	27.5 (14.3)	41.7 (17.7)
Urinary organs (C64-C68)	5.7 (2.4)	6.4 (2.2)	4.9 (2.2)	6.5 (2.7)	4.9 (2.5)	5.7 (2.4)
Eye, brain, and thyroid (C69-C75)	11.6 (5.0)	14.4 (5.0)	7.9 (3.5)	10.7 (4.4)	9.9 (5.1)	10.9 (4.6)
Hematopoietic (C81-C96)	13.0 (5.6)	15.2 (5.2)	14.0 (6.3)	12.5 (5.2)	11.8 (6.1)	13.3 (5.6)
Other and unspecified	9.0 (3.8)	18.4 (6.3)	9.4 (4.2)	15.5 (6.4)	13.7 (7.1)	13.2 (5.6)
All sites	233.5 (100.0)	290.1 (100.0)	223.5 (100.0)	242.2 (100.0)	192.8 (100.0)	234.8 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	10.8 (4.1)	13.9 (4.3)	9.6 (3.8)	11.7 (4.3)	8.5 (3.9)	10.8 (4.1)
Digestive organs (C15-C26)	35.4 (13.7)	52.6 (16.2)	37.0 (14.5)	41.8 (15.4)	38.1 (17.5)	40.9 (15.5)
Respiratory organs (C30-C39)	16.1 (6.2)	25.8 (7.9)	19.5 (7.7)	21.3 (7.9)	20.3 (9.3)	20.6 (7.8)
Bone, cartilage, and skin (C40-C44)	40.5 (15.6)	44.6 (13.7)	48.6 (19.1)	41.5 (15.3)	28.3 (13.0)	40.3 (15.3)
Urinary organs (C64-C68)	11.0 (4.2)	11.5 (3.6)	9.1 (3.6)	9.7 (3.6)	7.7 (3.5)	9.7 (3.7)
Eye, brain, and thyroid (C69-C75)	10.1 (3.9)	11.8 (3.6)	7.4 (2.9)	8.8 (3.2)	8.4 (3.9)	9.3 (3.5)
Hematopoietic (C81-C96)	14.4 (5.5)	17.4 (5.4)	15.3 (6.0)	15.7 (5.8)	11.9 (5.5)	14.9 (5.6)
Other and unspecified	10.6 (4.1)	18.8 (5.8)	11.9 (4.7)	16.8 (6.2)	14.7 (6.7)	14.6 (5.5)
All sites	259.2 (100.0)	324.6 (100.0)	254.5 (100.0)	271.8 (100.0)	217.9 (100.0)	263.9 (100.0)

BRAZIL, SALVADOR (1996-2000)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	630	0	.	0.2	0.6	0.5	0.5	1.2	1.5	5.4	14.6	26.3	53.1	66.8	89.2	87.9	107.1	146.5	11.7	19.7	2.28	87	5	3	C00-14
Oesophagus (C15)	256	2	.	.	.	.	.	.	0.4	1.7	5.1	7.5	23.0	27.7	43.6	35.5	60.6	59.7	4.8	8.4	1.03	69	15	9	C15
Stomach (C16)	509	2	.	.	0.2	0.3	0.5	.	1.5	4.7	7.4	11.8	27.4	41.5	65.9	92.2	167.6	186.3	9.4	17.2	2.11	76	9	4	C16
Colon (C18)	248	0	.	.	0.3	0.2	0.2	0.6	2.0	1.7	3.6	5.9	13.1	13.1	38.5	49.6	88.9	72.4	4.6	8.3	1.09	74	8		C18
Rectum (C19-20)	152	2	.	.	.	0.3	.	0.2	1.1	1.2	2.7	6.3	6.6	10.0	15.2	35.5	36.4	52.5	2.8	5.0	0.58	82	6		C19-20
Colorectal (C18-20)	400	2	.	.	0.3	0.5	0.2	0.8	3.1	3.0	6.3	12.2	19.7	23.0	53.8	85.1	125.2	124.8	7.4	13.3	1.67	77	7	6	C18-20
Anus (C21)	16	0	.	.	.	.	.	.	0.2	0.2	0.6	0.4	1.1	2.3	2.0	1.4	2.0	3.6	0.3	0.5	0.05	88	0	26	C21
Colon, rectum and anus (C18-21)	416	2	.	.	0.3	0.5	0.2	0.8	3.3	3.2	6.9	12.6	20.8	25.3	55.8	86.5	127.2	128.4	7.7	13.8	1.73	78	7		C18-21
Liver (C22)	133	1	0.8	0.2	.	.	0.4	.	0.4	.	1.8	3.5	10.4	13.1	16.2	29.8	22.2	43.4	2.5	4.4	0.50	38	26	12	C22
Gallbladder (C23-24)	41	0	.	.	.	.	.	.	.	0.2	1.5	2.0	2.2	3.1	3.0	5.7	16.2	12.7	0.8	1.3	0.17	59	5	21	C23-24
Pancreas (C25)	93	1	.	.	0.2	.	.	.	.	0.5	1.2	2.0	5.5	3.8	16.2	24.1	22.2	38.0	1.7	3.3	0.38	29	30	15	C25
Nose, sinuses (C30-31)	21	0	0.2	0.2	.	.	.	.	0.2	.	0.6	2.4	.	3.8	1.0	.	4.0	3.6	0.4	0.6	0.06	86	5	24	C30-31
Larynx (C32)	292	0	.	.	.	.	.	.	.	1.0	5.1	12.2	15.9	36.1	51.7	62.4	72.7	59.7	5.4	9.9	1.29	88	3	8	C32
Lung, trachea and bronchus (C33-34)	701	6	.	0.2	.	.	0.4	0.8	0.2	4.2	6.3	20.4	33.9	57.6	97.4	165.9	191.9	275.0	13.0	24.4	2.92	64	13	2	C33-34
Melanoma of skin (C43)	104	0	.	.	.	0.3	.	.	0.4	2.2	3.0	2.0	4.9	10.8	11.2	25.5	14.1	30.8	1.9	3.3	0.37	81	3	16	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C45
Kaposi sarcoma (C46)	31	1	.	.	.	.	0.2	1.4	0.9	1.5	0.6	2.4	0.5	0.8	1.0	.	.	1.8	0.6	0.6	0.05	90	0	23	C46
Breast (C50)	23	0	.	.	.	.	.	.	.	.	0.9	0.4	1.6	3.1	2.0	5.7	4.0	7.2	0.4	0.8	0.09	91	9	22	C50
Penis (C60)	79	2	.	.	.	.	.	0.2	0.2	1.2	1.5	4.3	5.5	6.9	9.1	7.1	18.2	21.7	1.5	2.4	0.28	96	0	18	C60
Prostate (C61)	2646	9	0.2	.	.	.	.	.	0.2	1.7	1.2	11.8	49.3	155.9	343.8	716.2	1211.9	1550.4	49.1	100.4	12.50	81	4	1	C61
Testis (C62)	29	0	.	.	0.3	0.5	0.5	1.4	0.4	0.7	0.3	0.4	1.1	1.5	1.0	1.4	.	1.8	0.5	0.6	0.05	93	0	25	C62
Kidney (C64)	118	0	2.0	0.8	.	0.2	0.2	0.2	1.3	1.0	1.8	5.1	3.3	10.8	12.2	21.3	16.2	30.8	2.2	3.6	0.38	73	8	14	C64
Bladder (C67)	351	0	.	0.2	.	.	0.2	.	0.7	0.7	3.6	3.5	13.1	24.6	53.8	63.8	115.1	200.8	6.5	12.6	1.40	86	3	7	C67
Brain, CNS (C70-72)	164	1	3.2	1.0	2.1	2.0	2.3	1.4	2.0	3.2	3.6	5.5	3.8	6.1	12.2	14.2	16.2	5.4	3.0	3.8	0.40	53	15	13	C70-72
Thyroid (C73)	67	0	.	0.2	.	.	0.2	0.6	0.2	1.5	1.8	3.1	3.3	5.4	5.1	8.5	14.1	18.1	1.2	2.0	0.22	84	3	19	C73
Hodgkin disease (C81)	87	1	0.2	2.1	1.9	1.4	1.1	2.4	1.1	1.2	2.1	1.2	2.2	1.5	1.0	2.8	2.0	9.0	1.6	1.7	0.12	91	2	20	C81
Non-Hodgkin lymphoma (C82-85;C96)	269	3	1.4	1.9	1.0	2.0	1.9	1.0	2.4	4.5	5.4	6.7	12.6	15.4	31.4	42.5	30.3	56.1	5.0	7.6	0.81	82	5	10	C82-85;C96
Multiple myeloma (C88-C90)	72	0	.	.	0.2	.	.	0.2	0.7	0.2	.	1.6	1.6	5.4	10.1	19.9	24.2	28.9	1.3	2.5	0.32	51	6	17	C88-C90
Lymphoid leukaemia (C91)	97	0	2.8	2.3	1.3	1.8	0.7	0.4	0.7	0.2	1.5	2.0	2.7	2.3	5.1	14.2	6.1	9.0	1.8	2.4	0.22	47	6		C91
Myeloid leukaemia (C92-94)	90	1	0.2	0.4	1.1	1.1	1.8	1.4	2.0	1.2	0.6	2.4	1.1	3.8	6.1	11.3	6.1	16.3	1.7	2.1	0.21	48	7		C92-94
Leukaemia unspecified (C95)	33	0	0.2	0.2	0.2	0.6	0.4	.	0.7	0.5	0.6	.	0.5	4.6	4.1	1.4	.	9.0	0.6	0.8	0.07	24	21		C95
Leukaemia (C91-95)	220	1	3.2	2.9	2.6	3.5	2.8	1.8	3.3	2.0	2.7	4.3	4.4	10.8	15.2	26.9	12.1	34.4	4.1	5.4	0.49	44	9	11	C91-95
Other and unspecified (O&U)	417	1	0.4	0.2	.	0.8	1.4	1.2	1.7	4.7	7.1	16.1	20.8	26.9	54.8	82.3	103.0	119.4	7.7	13.4	1.61	59	20	5	O&U
All sites but C44 (ALLbC44)	8172	36	16.1	12.1	12.9	15.1	15.0	18.0	27.0	51.0	93.5	178.0	338.2	589.1	1036.5	1684.7	2437.9	3151.4	151.7	274.7	32.77	76	8		ALLbC44
All sites (ALL)	9565	55	16.1	12.5	13.2	15.7	16.8	21.7	31.2	60.9	113.8	220.4	411.5	683.6	1196.7	1932.9	2831.8	3726.7	177.6	321.2	38.11	79	7		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, SALVADOR (1996-2000)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	221	0	.	0.2	0.2	0.1	0.9	0.9	1.5	1.9	1.8	4.8	10.9	13.1	10.8	17.1	29.8	56.7	3.6	4.5	0.47	88	6	11	C00-14
Oesophagus (C15)	76	0	.	.	.	.	.	.	.	0.2	0.5	1.0	4.1	5.3	5.8	9.9	11.2	20.9	1.3	1.7	0.19	71	12	21	C15
Stomach (C16)	363	0	0.2	.	.	.	0.3	0.9	2.1	3.6	8.3	8.2	10.5	19.0	27.3	37.8	53.5	81.1	6.0	7.6	0.86	74	10	6	C16
Colon (C18)	382	3	.	.	.	.	0.5	0.5	1.9	4.6	10.6	15.9	18.4	18.4	35.2	51.3	53.5	78.5	6.3	8.4	0.98	74	8		C18
Rectum (C19-20)	234	0	.	.	.	.	0.3	0.2	1.5	2.3	3.1	8.9	8.7	14.2	20.1	31.5	31.1	37.5	3.9	5.1	0.61	82	4		C19-20
Colorectal (C18-20)	616	3	.	.	.	.	0.8	0.7	3.4	4.2	7.7	19.4	24.6	32.7	55.4	82.8	84.5	116.0	10.2	13.5	1.59	77	6	3	C18-20
Anus (C21)	51	0	.	.	.	.	.	.	0.6	0.6	1.0	2.4	0.5	0.6	4.3	5.4	11.2	9.6	0.8	1.1	0.13	92	2	23	C21
Colon, rectum and anus (C18-21)	667	3	.	.	.	.	0.8	0.7	3.9	4.9	8.8	21.8	25.1	33.2	59.7	88.1	95.7	125.6	11.0	14.6	1.72	78	6		C18-21
Liver (C22)	119	0	0.4	.	.	.	0.3	0.3	0.2	0.6	0.5	2.7	3.2	4.7	12.9	15.3	19.9	28.8	2.0	2.6	0.31	33	39	17	C22
Gallbladder (C23-24)	186	0	.	.	.	.	.	.	0.6	.	2.1	1.4	7.3	14.8	15.1	24.3	33.6	48.0	3.1	4.2	0.50	60	12	12	C23-24
Pancreas (C25)	133	1	.	.	.	0.1	0.2	.	0.2	.	2.1	2.4	4.6	4.7	13.7	14.4	29.8	32.3	2.2	3.0	0.36	35	25	16	C25
Nose, sinuses (C30-31)	18	0	.	.	.	.	.	.	.	0.2	1.3	0.3	.	.	0.7	3.6	3.7	2.6	0.3	0.4	0.05	100	0	25	C30-31
Larynx (C32)	35	0	.	.	.	.	.	.	.	1.1	0.5	0.3	1.4	1.2	3.6	5.4	8.7	3.5	0.6	0.8	0.11	91	9	24	C32
Lung, trachea and bronchus (C33-34)	306	1	.	.	.	0.1	0.5	0.2	0.4	1.5	3.6	8.9	18.2	21.4	33.8	33.3	47.2	46.2	5.0	6.9	0.85	63	12	7	C33-34
Melanoma of skin (C43)	118	1	.	.	0.3	.	0.9	0.3	2.1	3.6	1.8	5.1	2.7	5.3	10.1	8.1	6.2	12.2	1.9	2.3	0.24	87	3	18	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.7	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	.	.	0.2	.	.	0.3	.	.	.	.	.	0.9	0.0	0.0	0.00	100	0	26	C46
Breast (C50)	3216	4	.	.	0.2	.	1.2	6.3	19.8	44.6	92.9	142.5	197.8	226.2	225.1	252.8	353.1	330.5	53.0	67.9	7.82	87	3	1	C50
Cervix uteri (C53)	1110	25	0.2	.	.	0.1	0.6	3.8	11.0	19.9	29.2	40.6	54.7	75.4	82.0	91.7	119.3	98.5	18.3	23.1	2.70	89	5	2	C53
Corpus uteri (C54)	230	2	.	.	.	.	.	.	0.4	0.4	3.1	4.8	10.5	11.9	28.1	27.9	49.7	39.2	3.8	5.3	0.69	86	4	10	C54
Ovary (C56)	421	2	.	0.4	0.8	1.0	1.5	1.7	3.5	4.7	9.8	11.6	18.2	30.9	38.1	39.6	43.5	41.9	6.9	8.8	1.03	76	7	5	C56
Kidney (C64)	100	1	2.9	0.6	.	.	.	0.3	0.4	1.5	1.3	2.4	5.9	5.9	5.8	8.1	9.9	9.6	1.6	2.2	0.23	78	5	20	C64
Bladder (C67)	144	2	0.2	.	.	.	0.2	0.2	.	0.2	1.0	2.7	3.2	8.3	18.7	21.6	22.4	32.3	2.4	3.3	0.40	82	3	15	C67
Brain, CNS (C70-72)	200	1	4.4	0.6	2.2	1.1	1.2	1.9	2.1	2.1	2.8	3.1	10.9	7.7	11.5	13.5	5.0	18.3	3.3	3.9	0.35	46	22	13	C70-72
Thyroid (C73)	319	1	.	.	0.3	1.0	3.2	3.3	7.5	8.5	9.6	12.6	11.8	16.0	14.4	15.3	13.7	12.2	5.3	5.7	0.59	92	1	9	C73
Hodgkin disease (C81)	75	0	.	0.8	0.5	1.4	1.8	0.7	0.7	0.6	1.5	2.0	2.3	1.2	4.3	2.7	2.5	4.4	1.2	1.3	0.12	95	0	22	C81
Non-Hodgkin lymphoma (C82-85; C96)	281	1	1.5	1.4	0.5	1.0	0.8	0.9	1.7	3.2	5.4	6.8	7.7	17.2	17.3	36.0	41.0	33.1	4.6	6.0	0.71	76	6	8	C82-85; C96
Multiple myeloma (C88-C90)	102	0	.	0.2	.	.	0.2	0.2	0.4	0.8	0.5	3.1	5.0	7.1	6.5	12.6	18.6	18.3	1.7	2.2	0.28	46	7	19	C88-C90
Lymphoid leukaemia (C91)	75	0	1.9	1.2	1.4	0.6	0.3	0.5	0.2	1.1	0.5	0.3	1.4	1.2	1.4	11.7	1.2	10.5	1.2	1.5	0.12	49	7		C91
Myeloid leukaemia (C92-94)	90	0	1.5	0.6	1.0	0.3	1.2	1.2	1.1	0.8	2.1	1.7	3.2	2.4	2.2	4.5	3.7	10.5	1.5	1.6	0.14	39	20		C92-94
Leukaemia unspecified (C95)	31	0	0.2	0.6	.	.	0.5	0.3	0.2	0.2	0.3	0.7	0.9	1.2	2.9	1.8	2.5	4.4	0.5	0.6	0.06	29	23		C95
Leukaemia (C91-95)	196	0	3.5	2.4	2.4	0.8	2.0	2.1	1.5	2.1	2.8	2.7	5.5	4.7	6.5	18.0	7.5	25.3	3.2	3.8	0.32	41	15	14	C91-95
Other and unspecified (O&U)	531	2	1.2	.	0.3	1.1	0.6	1.6	2.6	4.0	8.3	10.6	17.3	26.7	36.7	47.7	99.5	119.5	8.7	11.2	1.30	55	20	4	O&U
All sites but C44 (ALLbC44)	9792	52	18.1	9.2	11.0	11.7	21.2	30.7	66.0	119.1	210.1	319.2	461.1	596.1	728.6	892.3	1176.0	1313.4	161.4	205.9	23.48	79	7		ALLbC44
All sites (ALL)	11155	74	18.3	9.6	11.0	12.2	23.8	34.8	70.5	129.0	231.0	354.6	516.2	656.0	832.9	1021.8	1374.9	1633.5	183.8	234.8	26.66	81	6		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

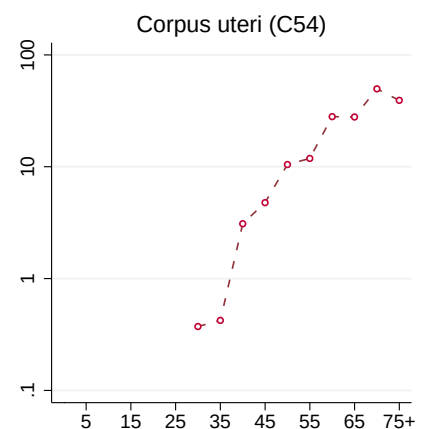
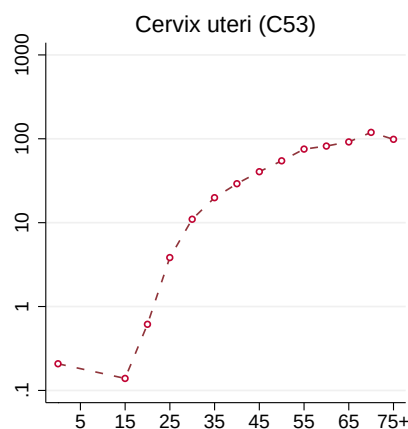
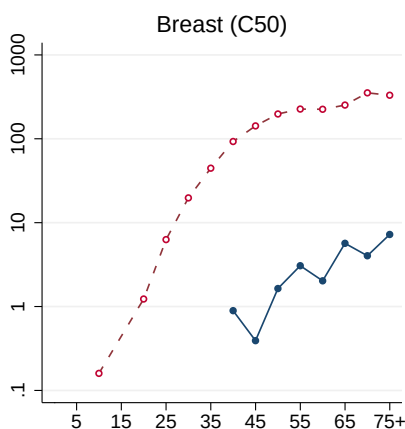
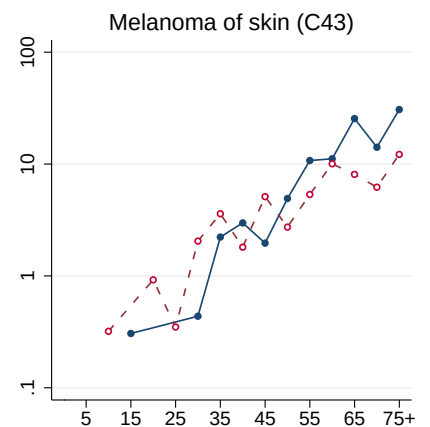
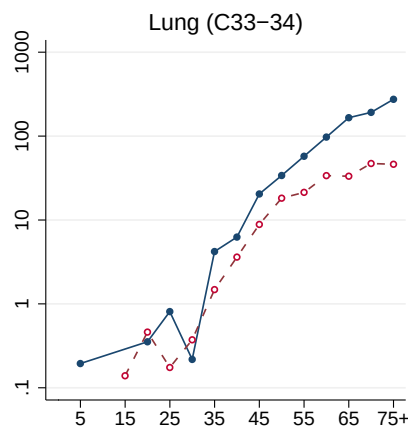
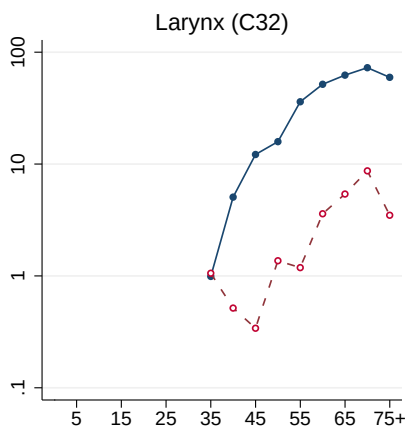
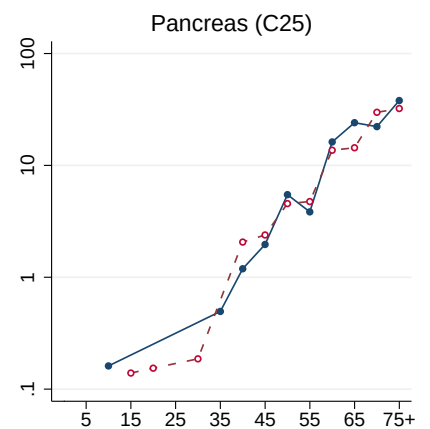
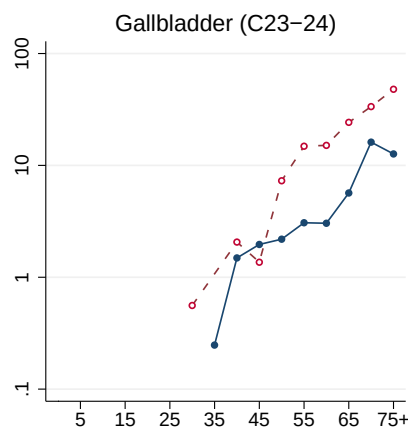
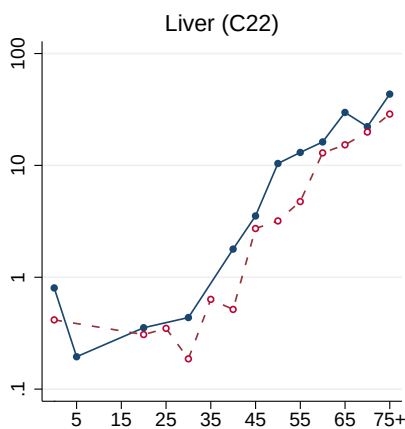
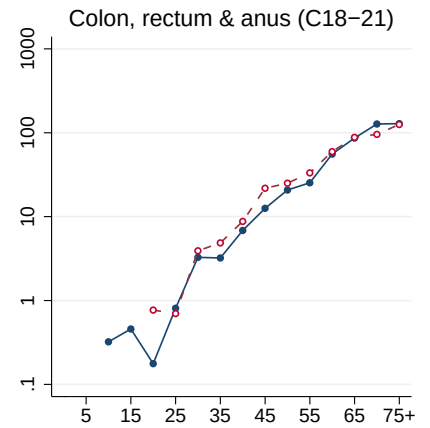
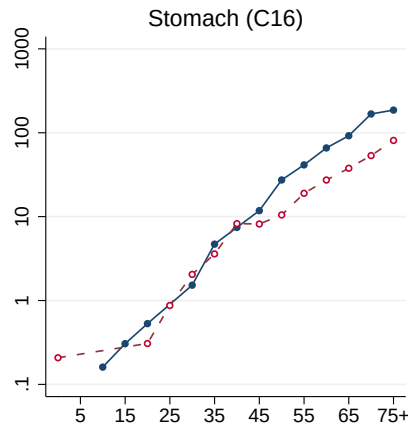
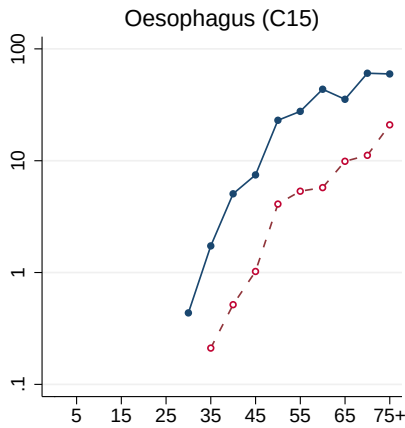
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

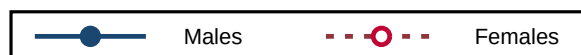
BRAZIL, SALVADOR (1996–2000)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



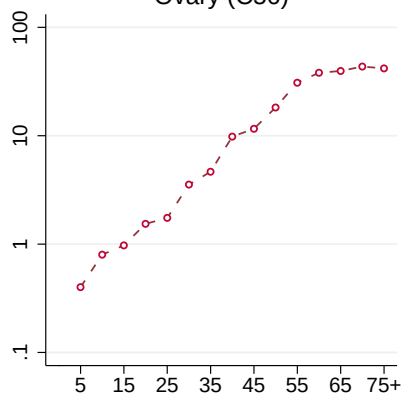
Age in Years



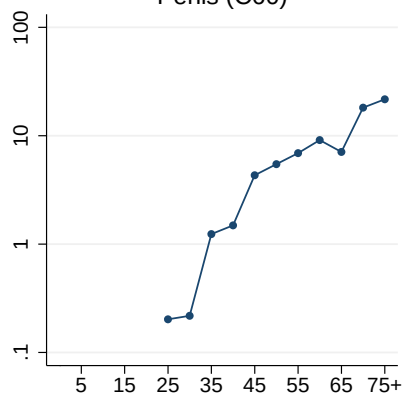
BRAZIL, SALVADOR (1996-2000)

Age-specific incidence rates per 100,000 person-years

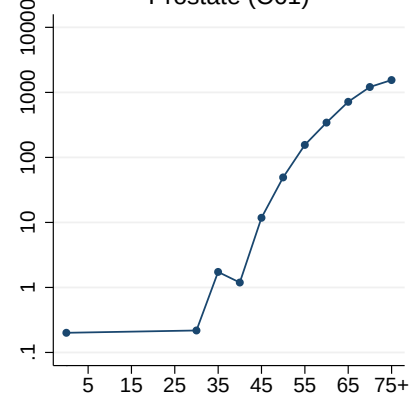
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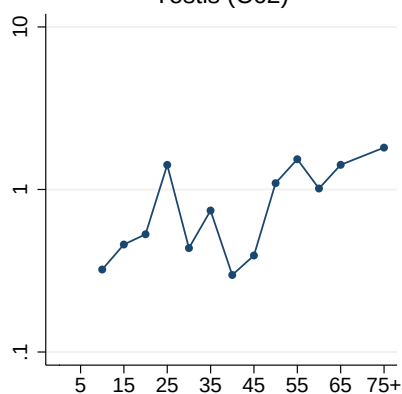
Penis (C60)



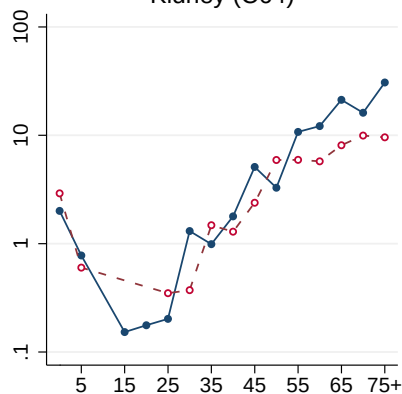
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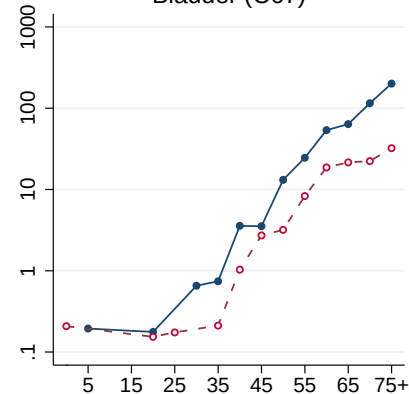
Testis (C62)



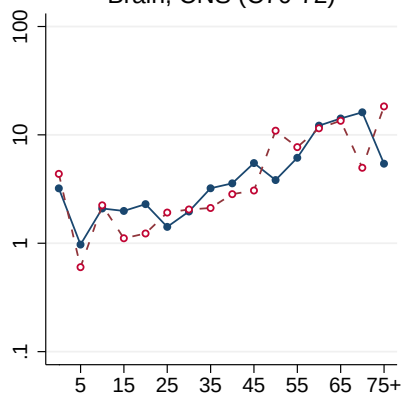
Kidney (C64)



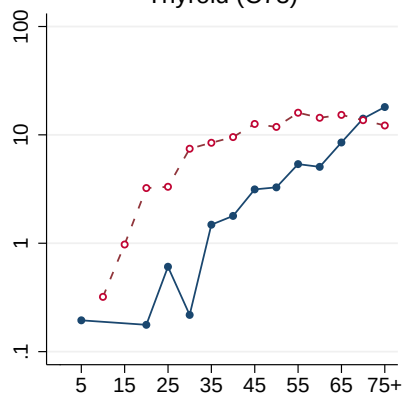
Bladder (C67)



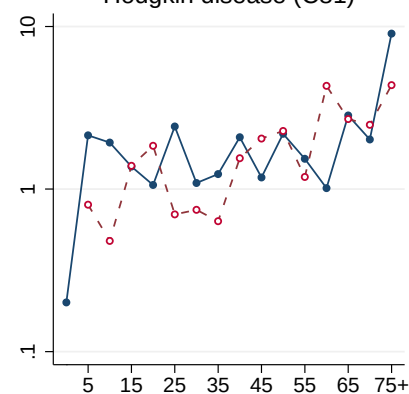
Brain, CNS (C70-72)



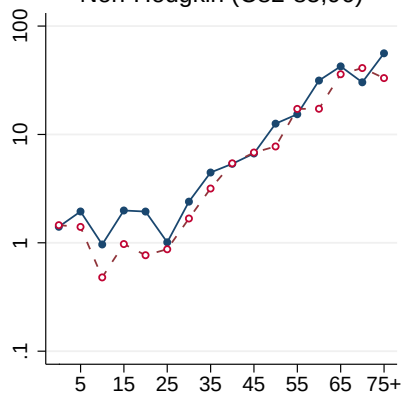
Thyroid (C73)



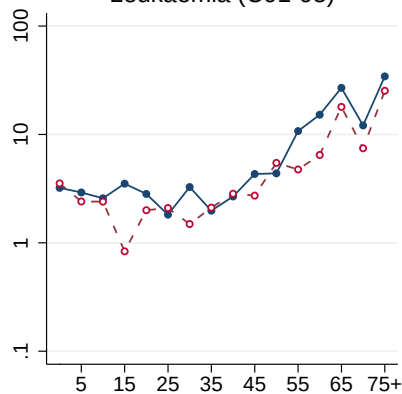
Hodgkin disease (C81)



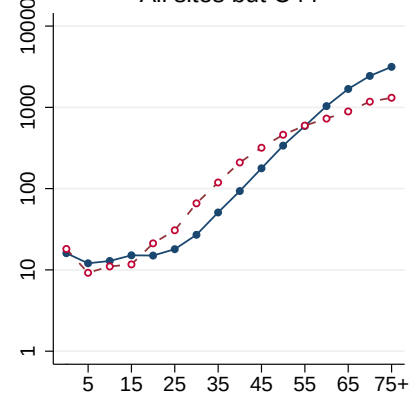
Non-Hodgkin (C82-85,96)



Leukaemia (C91-95)

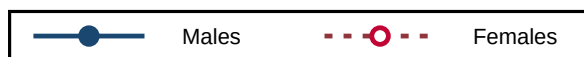


All sites but C44



Incidence rate (log scale) per 100,000 person-years

Age in Years



BRAZIL, SALVADOR (2001-2005)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2001 n (%)	2002 n (%)	2003 n (%)	2004 n (%)	2005 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	105 (5.9)	156 (7.9)	146 (7.1)	127 (5.3)	138 (5.7)	672 (6.3)
Digestive organs (C15-C26)	338 (18.9)	362 (18.2)	320 (15.6)	446 (18.6)	451 (18.6)	1917 (18.0)
Respiratory organs (C30-C39)	193 (10.8)	194 (9.8)	220 (10.7)	228 (9.5)	247 (10.2)	1082 (10.2)
Bone, cartilage, and skin (C40-C44)	271 (15.1)	256 (12.9)	254 (12.4)	363 (15.2)	293 (12.1)	1437 (13.5)
Breast (C50)	2 (0.1)	7 (0.4)	6 (0.3)	3 (0.1)	0 (0.0)	18 (0.2)
Male genitalia (C60-C63)	487 (27.2)	611 (30.8)	678 (33.1)	759 (31.7)	826 (34.0)	3361 (31.6)
Urinary organs (C64-C68)	76 (4.2)	94 (4.7)	83 (4.1)	100 (4.2)	98 (4.0)	451 (4.2)
Eye, brain, and thyroid (C69-C75)	71 (4.0)	55 (2.8)	77 (3.8)	103 (4.3)	108 (4.4)	414 (3.9)
Hematopoietic (C81-C96)	112 (6.3)	125 (6.3)	153 (7.5)	141 (5.9)	143 (5.9)	674 (6.3)
Other and unspecified	137 (7.6)	126 (6.3)	112 (5.5)	125 (5.2)	123 (5.1)	623 (5.9)
All sites	1792 (100.0)	1986 (100.0)	2049 (100.0)	2395 (100.0)	2427 (100.0)	10649 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	39 (2.0)	44 (2.0)	46 (2.0)	38 (1.5)	45 (1.7)	212 (1.8)
Digestive organs (C15-C26)	324 (16.5)	346 (15.9)	389 (17.1)	397 (15.4)	486 (18.3)	1942 (16.7)
Respiratory organs (C30-C39)	74 (3.8)	120 (5.5)	108 (4.7)	109 (4.2)	124 (4.7)	535 (4.6)
Bone, cartilage, and skin (C40-C44)	290 (14.7)	281 (12.9)	266 (11.7)	372 (14.5)	326 (12.3)	1535 (13.2)
Breast (C50)	521 (26.5)	567 (26.0)	681 (29.9)	742 (28.8)	735 (27.7)	3246 (27.9)
Female genitalia (C51-C58)	308 (15.6)	390 (17.9)	354 (15.6)	397 (15.4)	353 (13.3)	1802 (15.5)
Urinary organs (C64-C68)	59 (3.0)	55 (2.5)	42 (1.8)	57 (2.2)	51 (1.9)	264 (2.3)
Eye, brain, and thyroid (C69-C75)	104 (5.3)	101 (4.6)	109 (4.8)	140 (5.4)	214 (8.1)	668 (5.7)
Hematopoietic (C81-C96)	109 (5.5)	150 (6.9)	149 (6.5)	153 (5.9)	155 (5.9)	716 (6.1)
Other and unspecified	141 (7.2)	126 (5.8)	131 (5.8)	167 (6.5)	160 (6.0)	725 (6.2)
All sites	1969 (100.0)	2180 (100.0)	2275 (100.0)	2572 (100.0)	2649 (100.0)	11645 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	144 (3.8)	200 (4.8)	192 (4.4)	165 (3.3)	183 (3.6)	884 (4.0)
Digestive organs (C15-C26)	662 (17.6)	708 (17.0)	709 (16.4)	843 (17.0)	937 (18.5)	3859 (17.3)
Respiratory organs (C30-C39)	267 (7.1)	314 (7.5)	328 (7.6)	337 (6.8)	371 (7.3)	1617 (7.3)
Bone, cartilage, and skin (C40-C44)	561 (14.9)	537 (12.9)	520 (12.0)	735 (14.8)	619 (12.2)	2972 (13.3)
Urinary organs (C64-C68)	135 (3.6)	149 (3.6)	125 (2.9)	157 (3.2)	149 (2.9)	715 (3.2)
Eye, brain, and thyroid (C69-C75)	175 (4.7)	156 (3.7)	186 (4.3)	243 (4.9)	322 (6.3)	1082 (4.9)
Hematopoietic (C81-C96)	221 (5.9)	275 (6.6)	302 (7.0)	294 (5.9)	298 (5.9)	1390 (6.2)
Other and unspecified	278 (7.4)	252 (6.0)	243 (5.6)	292 (5.9)	283 (5.6)	1348 (6.0)
All sites	3761 (100.0)	4166 (100.0)	4324 (100.0)	4967 (100.0)	5076 (100.0)	22294 (100.0)

BRAZIL, SALVADOR (2001-2005)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2001 ASR (%)	2002 ASR (%)	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	14.8 (5.7)	19.9 (7.0)	19.0 (6.6)	16.8 (5.0)	17.1 (5.2)	17.5 (5.8)
Digestive organs (C15-C26)	49.6 (18.9)	51.0 (17.9)	44.5 (15.4)	62.1 (18.5)	59.2 (18.0)	53.4 (17.8)
Respiratory organs (C30-C39)	29.5 (11.3)	28.2 (9.9)	32.5 (11.2)	32.0 (9.5)	34.3 (10.5)	31.3 (10.4)
Bone, cartilage, and skin (C40-C44)	36.7 (14.0)	36.4 (12.8)	33.9 (11.7)	49.6 (14.8)	38.3 (11.7)	39.0 (13.0)
Breast (C50)	0.3 (0.1)	0.8 (0.3)	0.9 (0.3)	0.4 (0.1)	0 (0.0)	0.5 (0.2)
Male genitalia (C60-C63)	79.3 (30.3)	96.6 (33.9)	107.2 (37.0)	117.4 (35.0)	122.9 (37.5)	105.0 (34.9)
Urinary organs (C64-C68)	11.7 (4.5)	14.3 (5.0)	12.2 (4.2)	14.4 (4.3)	13.7 (4.2)	13.2 (4.4)
Eye, brain, and thyroid (C69-C75)	7.8 (3.0)	6.4 (2.2)	8.1 (2.8)	10.9 (3.2)	11.7 (3.6)	9.0 (3.0)
Hematopoietic (C81-C96)	13.7 (5.2)	14.3 (5.0)	17.6 (6.1)	16.0 (4.8)	15.8 (4.8)	15.5 (5.2)
Other and unspecified	18.4 (7.0)	17.0 (6.0)	13.7 (4.7)	16.0 (4.8)	15.2 (4.6)	16.0 (5.3)
All sites	261.9 (100.0)	284.8 (100.0)	289.4 (100.0)	335.9 (100.0)	328.0 (100.0)	300.6 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	3.7 (2.1)	3.8 (2.0)	3.9 (1.9)	3.2 (1.5)	3.6 (1.6)	3.6 (1.8)
Digestive organs (C15-C26)	29.4 (16.5)	31.0 (16.0)	34.8 (17.4)	35.3 (16.0)	41.1 (18.5)	34.4 (16.9)
Respiratory organs (C30-C39)	6.9 (3.9)	11.1 (5.7)	10.5 (5.2)	10.2 (4.6)	10.9 (4.9)	9.9 (4.9)
Bone, cartilage, and skin (C40-C44)	26.2 (14.7)	25.1 (13.0)	22.9 (11.5)	32.2 (14.6)	27.4 (12.3)	26.8 (13.2)
Breast (C50)	47.0 (26.4)	50.0 (25.8)	59.2 (29.6)	63.3 (28.6)	62.1 (27.9)	56.4 (27.8)
Female genitalia (C51-C58)	27.8 (15.6)	34.3 (17.7)	30.9 (15.5)	34.1 (15.5)	29.3 (13.2)	31.3 (15.4)
Urinary organs (C64-C68)	5.2 (2.9)	5.3 (2.8)	3.8 (1.9)	4.7 (2.1)	4.6 (2.1)	4.7 (2.3)
Eye, brain, and thyroid (C69-C75)	9.0 (5.0)	8.3 (4.3)	9.0 (4.5)	10.9 (4.9)	16.8 (7.6)	10.9 (5.3)
Hematopoietic (C81-C96)	10.1 (5.7)	13.3 (6.9)	13.0 (6.5)	12.8 (5.8)	12.6 (5.7)	12.4 (6.1)
Other and unspecified	12.7 (7.2)	11.4 (5.9)	11.8 (5.9)	14.2 (6.4)	13.8 (6.2)	12.8 (6.3)
All sites	177.9 (100.0)	193.6 (100.0)	199.7 (100.0)	221.0 (100.0)	222.2 (100.0)	203.3 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	8.2 (4.0)	10.6 (4.7)	10.2 (4.4)	8.7 (3.3)	9.3 (3.6)	9.4 (4.0)
Digestive organs (C15-C26)	37.5 (18.1)	38.7 (17.2)	38.6 (16.8)	45.6 (17.5)	48.3 (18.6)	41.9 (17.6)
Respiratory organs (C30-C39)	15.7 (7.6)	17.7 (7.9)	19.0 (8.2)	18.7 (7.1)	20.1 (7.7)	18.3 (7.7)
Bone, cartilage, and skin (C40-C44)	30.3 (14.6)	29.2 (13.0)	27.0 (11.7)	38.5 (14.7)	31.5 (12.1)	31.3 (13.2)
Urinary organs (C64-C68)	7.5 (3.6)	8.7 (3.9)	6.8 (3.0)	8.5 (3.3)	8.0 (3.1)	7.9 (3.3)
Eye, brain, and thyroid (C69-C75)	8.5 (4.1)	7.4 (3.3)	8.6 (3.7)	10.9 (4.2)	14.5 (5.6)	10.0 (4.2)
Hematopoietic (C81-C96)	11.5 (5.6)	13.7 (6.1)	14.8 (6.4)	14.1 (5.4)	14.0 (5.4)	13.6 (5.8)
Other and unspecified	14.8 (7.1)	13.6 (6.1)	12.6 (5.5)	14.8 (5.7)	14.3 (5.5)	14.0 (5.9)
All sites	207.6 (100.0)	224.8 (100.0)	230.6 (100.0)	261.4 (100.0)	259.9 (100.0)	237.3 (100.0)

BRAZIL, SALVADOR (2001-2005)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	672	6	0.4	.	1.0	0.5	1.1	0.8	1.1	3.5	15.5	32.6	64.6	77.6	70.0	129.1	103.0	110.4	12.5	20.9	2.53	85	10	3	C00-14
Oesophagus (C15)	304	10	.	.	.	.	.	.	0.4	1.2	3.6	12.6	20.2	42.2	30.4	72.3	56.6	76.0	5.6	10.1	1.24	73	19	8	C15
Stomach (C16)	586	10	.	.	.	0.2	0.2	0.4	0.9	4.2	10.1	21.6	32.3	49.2	79.1	99.3	157.5	204.4	10.9	19.6	2.31	76	16	4	C16
Colon (C18)	279	2	0.2	.	0.2	0.2	0.4	0.6	0.7	2.5	2.7	7.5	11.5	24.6	33.5	44.0	80.8	128.4	5.2	9.4	1.05	78	12		C18
Rectum (C19-20)	206	0	.	.	.	0.2	0.2	0.6	2.2	2.2	2.4	5.5	8.8	18.4	27.4	36.9	50.5	76.0	3.8	6.7	0.78	74	16		C19-20
Colorectal (C18-20)	485	2	0.2	.	0.2	0.3	0.5	1.2	2.8	4.7	5.1	13.0	20.2	43.0	60.8	80.8	131.3	204.4	9.0	16.1	1.83	76	14	5	C18-20
Anus (C21)	22	1	0.2	.	.	.	0.2	.	.	0.5	0.3	0.8	0.5	3.1	4.1	4.3	.	3.6	0.4	0.7	0.07	91	0	24	C21
Colon, rectum and anus (C18-21)	507	3	0.4	.	0.2	0.3	0.7	1.2	2.8	5.2	5.4	13.8	20.8	46.1	64.9	85.1	131.3	208.0	9.4	16.8	1.90	77	13		C18-21
Liver (C22)	249	1	0.8	0.4	0.2	.	0.2	1.6	1.3	1.0	3.6	9.8	13.1	19.2	40.6	48.2	54.5	63.3	4.6	8.1	0.98	39	43	11	C22
Gallbladder (C23-24)	67	0	.	.	.	.	.	.	.	.	1.5	0.8	4.9	6.1	6.1	12.8	14.1	38.0	1.2	2.3	0.23	52	33	19	C23-24
Pancreas (C25)	159	1	0.2	.	.	.	0.2	.	0.7	0.7	1.8	5.1	9.3	4.6	18.3	32.6	40.4	85.0	3.0	5.4	0.57	37	44	13	C25
Nose, sinuses (C30-31)	24	0	.	.	.	.	0.2	.	0.2	.	.	1.6	1.1	3.1	2.0	4.3	4.0	9.0	0.4	0.8	0.08	75	17	22	C30-31
Larynx (C32)	288	3	.	.	.	.	.	0.2	0.2	0.7	2.7	10.2	22.4	32.3	40.6	61.0	64.6	85.0	5.3	9.8	1.19	85	10	9	C32
Lung, trachea and bronchus (C33-34)	725	6	.	.	.	.	0.4	0.2	0.7	2.0	6.3	19.3	39.4	60.7	110.5	160.2	222.2	275.0	13.5	25.5	3.13	61	23	2	C33-34
Melanoma of skin (C43)	81	2	0.2	.	.	.	0.4	0.4	0.7	0.5	3.0	3.9	6.0	5.4	7.1	7.1	20.2	16.3	1.5	2.4	0.28	85	4	17	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	0.5	.	.	.	.	.	0.0	0.0	0.00	100	0	27	C45
Kaposi sarcoma (C46)	19	1	.	.	.	0.2	0.2	0.6	0.7	0.2	0.6	0.8	.	0.8	1.0	2.8	.	1.8	0.4	0.4	0.04	89	5	26	C46
Breast (C50)	18	0	.	.	.	.	.	.	0.2	0.2	.	0.4	1.1	2.3	2.0	2.8	2.0	9.0	0.3	0.6	0.06	89	6	25	C50
Penis (C60)	74	2	.	.	.	.	0.2	0.2	0.4	0.5	2.4	2.0	2.7	6.9	6.1	12.8	18.2	27.1	1.4	2.4	0.27	93	3	18	C60
Prostate (C61)	3249	29	0.2	.	.	.	0.2	0.2	1.5	0.5	2.1	17.7	82.1	231.2	511.1	858.0	1296.7	1725.9	60.3	122.4	15.14	86	5	1	C61
Testis (C62)	37	1	0.8	.	.	0.3	0.9	1.2	1.1	0.5	1.8	0.8	1.6	.	.	.	.	1.8	0.7	0.7	0.05	89	5	23	C62
Kidney (C64)	135	1	3.0	0.6	0.2	0.3	0.2	0.4	0.2	1.2	2.4	4.3	7.1	9.2	18.3	21.3	34.3	18.1	2.5	4.2	0.52	78	13	15	C64
Bladder (C67)	308	4	.	.	.	0.2	0.2	.	0.4	0.2	1.2	2.0	6.0	22.3	38.5	59.6	143.4	179.1	5.7	11.4	1.39	85	8	7	C67
Brain, CNS (C70-72)	305	3	3.0	2.3	3.1	1.7	1.9	3.6	4.1	3.7	6.0	7.9	15.3	17.7	27.4	24.1	36.4	52.5	5.7	7.9	0.80	49	28	12	C70-72
Thyroid (C73)	64	0	.	0.2	.	0.5	0.2	0.6	2.0	1.0	3.6	2.8	2.2	2.3	5.1	7.1	8.1	5.4	1.2	1.6	0.18	94	2	20	C73
Hodgkin disease (C81)	57	0	.	0.6	0.8	0.9	1.9	0.8	0.4	0.5	1.5	0.8	2.2	3.1	3.0	2.8	4.0	3.6	1.1	1.2	0.12	86	7	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	316	3	0.8	1.8	1.1	2.0	1.9	2.4	2.4	4.9	7.1	11.4	13.1	20.7	24.3	41.1	40.4	88.6	5.9	8.8	0.89	77	11	10	C82-85; C96
Multiple myeloma (C88-C90)	83	2	.	.	.	.	.	.	0.2	0.5	1.2	2.8	3.8	9.2	12.2	12.8	24.2	27.1	1.5	2.8	0.34	45	29	16	C88-C90
Lymphoid leukaemia (C91)	100	1	4.0	3.7	1.1	1.1	0.5	0.6	0.9	1.0	0.6	1.2	1.1	3.1	4.1	11.3	10.1	7.2	1.9	2.4	0.22	42	17		C91
Myeloid leukaemia (C92-94)	85	0	1.2	0.6	0.6	0.9	0.9	1.2	1.3	0.7	1.2	1.2	3.3	4.6	3.0	2.8	12.1	28.9	1.6	2.2	0.18	41	38		C92-94
Leukaemia unspecified (C95)	33	0	.	.	0.3	0.3	0.2	0.8	0.4	0.5	.	1.6	2.2	1.5	3.0	1.4	4.0	7.2	0.6	0.8	0.08	12	45		C95
Leukaemia (C91-95)	218	1	5.2	4.3	2.1	2.3	1.6	2.6	2.6	2.2	1.8	3.9	6.6	9.2	10.1	15.6	26.3	43.4	4.0	5.4	0.48	37	29	14	C91-95
Other and unspecified (O&U)	483	7	1.0	0.4	0.5	0.8	1.2	1.6	2.0	2.7	6.3	16.9	24.6	28.4	54.8	90.8	105.0	199.0	9.0	15.8	1.71	45	39	6	O&U
All sites but C44 (ALLbC44)	9388	102	20.1	13.2	10.8	12.4	16.4	22.7	32.1	43.3	97.4	214.5	419.2	737.3	1208.9	1897.5	2654.1	3618.1	174.3	316.8	37.41	74	14		ALLbC44
All sites (ALL)	10649	147	20.1	13.4	11.0	12.8	17.7	25.9	34.5	54.7	114.4	257.0	475.0	817.2	1335.6	2149.9	2938.9	4189.8	197.7	358.9	41.97	77	13		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, SALVADOR (2001-2005)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	212	1	.	.	0.2	0.1	0.6	0.7	1.9	2.3	3.4	4.1	7.7	10.1	18.7	17.1	29.8	45.3	3.5	4.4	0.49	85	10	15	C00-14
Oesophagus (C15)	103	0	.	.	.	.	.	.	0.2	.	1.3	2.0	4.6	5.9	8.6	10.8	14.9	30.5	1.7	2.3	0.24	64	26	20	C15
Stomach (C16)	447	8	.	.	.	0.1	0.6	1.6	2.2	3.6	6.2	8.9	15.5	23.7	31.6	43.2	73.3	105.5	7.4	9.5	1.07	73	18	6	C16
Colon (C18)	415	7	.	.	.	0.1	.	0.3	1.7	2.5	4.6	6.8	16.9	22.6	31.6	38.7	65.9	114.2	6.8	8.9	0.98	74	15		C18
Rectum (C19-20)	257	4	.	.	.	.	0.3	1.0	0.9	2.3	3.4	5.5	8.7	18.4	17.3	26.1	36.1	59.3	4.2	5.5	0.61	81	13		C19-20
Colorectal (C18-20)	672	11	.	.	.	0.1	0.3	1.4	2.6	4.9	8.0	12.3	25.5	41.0	48.9	64.8	101.9	173.6	11.1	14.4	1.58	77	14	3	C18-20
Anus (C21)	71	2	.	.	.	.	0.2	0.2	.	0.6	0.5	2.0	3.2	3.0	4.3	8.1	14.9	14.8	1.2	1.6	0.19	96	3	22	C21
Colon, rectum and anus (C18-21)	743	13	.	.	.	0.1	0.5	1.6	2.6	5.5	8.5	14.3	28.7	43.9	53.2	72.9	116.9	188.4	12.2	15.9	1.77	79	13		C18-21
Liver (C22)	206	1	.	0.2	.	.	.	0.5	1.1	0.6	3.1	3.8	8.7	11.9	19.4	20.7	26.1	51.5	3.4	4.5	0.48	31	48	13	C22
Gallbladder (C23-24)	184	1	.	.	.	.	0.2	.	0.6	0.8	1.8	5.8	7.7	10.1	11.5	19.8	37.3	42.7	3.0	4.0	0.48	54	33	16	C23-24
Pancreas (C25)	199	0	.	.	.	0.1	.	.	0.2	0.2	2.1	4.8	5.9	14.2	14.4	23.4	44.8	48.0	3.3	4.4	0.55	32	42	14	C25
Nose, sinuses (C30-31)	17	0	.	.	.	.	.	.	0.4	.	0.3	1.0	0.9	1.8	.	1.8	2.5	1.7	0.3	0.4	0.04	82	6	25	C30-31
Larynx (C32)	38	1	.	.	.	.	.	.	0.2	.	0.8	0.7	2.3	1.8	4.3	2.7	8.7	6.1	0.6	0.9	0.11	76	16	24	C32
Lung, trachea and bronchus (C33-34)	441	2	0.2	.	.	0.1	0.2	0.7	1.9	4.1	11.3	16.4	27.9	27.9	46.0	56.7	84.5	83.7	7.3	10.0	1.26	57	27	5	C33-34
Melanoma of skin (C43)	90	0	.	.	.	.	0.2	0.9	0.4	2.1	1.0	2.4	3.6	3.0	8.6	10.8	6.2	16.6	1.5	1.9	0.20	81	3	21	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	0.3	.	.	.	.	0.9	1.2	.	0.0	0.1	0.01	33	33	26	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	0.2	.	.	.	.	.	.	0.6	.	.	1.2	.	0.0	0.1	0.01	100	0	27	C46
Breast (C50)	3246	20	.	.	0.2	0.1	1.5	8.4	19.4	46.7	93.7	150.0	201.9	199.5	243.8	261.7	285.9	348.0	53.5	68.2	7.61	88	5	1	C50
Cervix uteri (C53)	940	5	.	.	.	.	1.8	2.6	11.2	19.0	28.7	41.6	40.1	55.2	61.9	67.5	99.5	89.8	15.5	19.0	2.16	84	12	2	C53
Corpus uteri (C54)	314	4	.	.	.	.	0.2	.	0.6	1.3	3.4	3.8	15.0	26.1	29.5	45.9	52.2	58.7	5.2	7.2	0.90	89	5	8	C54
Ovary (C56)	381	5	0.4	0.6	0.8	1.3	1.4	0.9	2.4	4.2	5.2	11.9	23.7	16.0	25.2	39.6	47.2	51.5	6.3	8.0	0.92	72	16	7	C56
Kidney (C64)	115	2	2.7	0.8	.	0.1	0.5	0.3	0.6	1.5	1.0	2.0	2.7	5.9	9.4	9.9	19.9	12.2	1.9	2.5	0.29	72	17	19	C64
Bladder (C67)	143	1	.	.	.	.	.	0.2	0.6	1.3	0.8	2.7	3.6	7.7	8.6	17.1	22.4	44.5	2.4	3.0	0.33	81	10	18	C67
Brain, CNS (C70-72)	245	4	1.2	1.0	1.1	0.3	1.1	1.7	2.2	4.2	3.4	6.1	6.8	14.8	12.9	26.1	27.3	27.9	4.0	5.0	0.56	37	44	11	C70-72
Thyroid (C73)	370	6	.	.	0.6	0.8	1.8	5.2	6.3	8.0	14.5	17.0	14.6	23.2	14.4	18.9	8.7	13.1	6.1	6.8	0.68	90	3	9	C73
Hodgkin disease (C81)	60	0	.	0.6	0.5	1.0	1.2	1.2	0.4	0.6	0.5	1.4	1.4	3.0	1.4	2.7	1.2	6.1	1.0	1.0	0.09	77	12	23	C81
Non-Hodgkin lymphoma (C82-85; C96)	278	1	0.4	0.2	1.0	0.7	0.5	1.4	3.7	1.3	3.4	9.9	8.2	16.0	16.5	27.0	38.5	48.0	4.6	5.7	0.65	74	11	10	C82-85;C96
Multiple myeloma (C88-C90)	138	0	.	.	.	.	.	.	.	0.4	0.5	4.1	7.7	13.1	12.2	17.1	21.1	26.2	2.3	3.2	0.38	46	29	17	C88-C90
Lymphoid leukaemia (C91)	79	0	2.9	2.2	0.8	0.3	0.5	.	0.4	0.8	0.3	0.7	1.4	1.8	2.2	5.4	7.5	12.2	1.3	1.6	0.13	28	27		C91
Myeloid leukaemia (C92-94)	108	1	1.2	0.6	0.2	0.3	1.1	1.2	0.9	0.8	1.5	3.8	5.9	3.0	7.2	4.5	9.9	12.2	1.8	2.2	0.21	22	46		C92-94
Leukaemia unspecified (C95)	53	0	0.6	0.6	0.2	0.4	0.5	.	0.2	0.4	0.8	1.4	3.6	1.2	2.2	3.6	2.5	9.6	0.9	1.1	0.09	21	45		C95
Leukaemia (C91-95)	240	1	4.8	3.4	1.1	1.0	2.0	1.2	1.5	2.1	2.6	5.8	10.9	5.9	11.5	13.5	19.9	34.0	4.0	4.8	0.44	24	40	12	C91-95
Other and unspecified (O&U)	625	9	1.7	0.8	0.2	0.3	1.2	1.7	3.0	3.2	8.8	11.9	24.6	30.9	48.9	60.3	123.1	124.7	10.3	13.5	1.63	43	41	4	O&U
All sites but C44 (ALLbC44)	10258	93	15.4	8.6	6.9	8.9	17.7	33.7	65.8	115.1	207.5	337.9	479.3	597.8	743.0	927.4	1260.6	1573.3	169.0	215.9	24.35	73	16		ALLbC44
All sites (ALL)	11645	150	15.8	8.6	6.9	9.2	19.4	37.0	69.4	122.5	226.1	378.8	526.3	671.5	845.1	1054.2	1452.0	1909.9	191.9	245.5	27.57	76	14		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

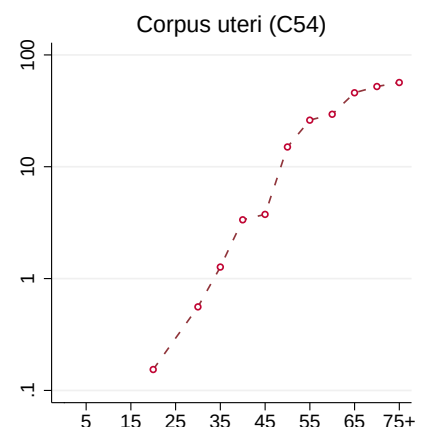
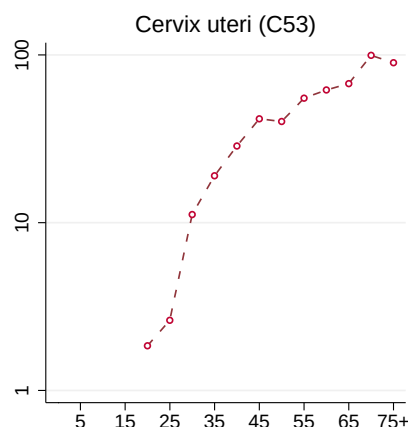
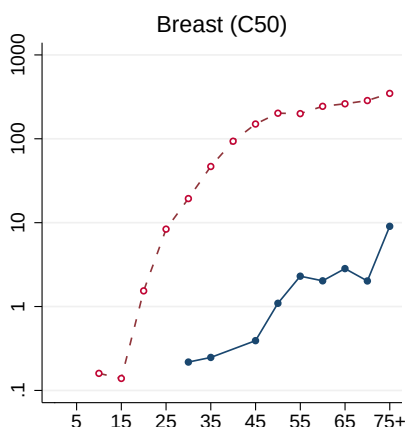
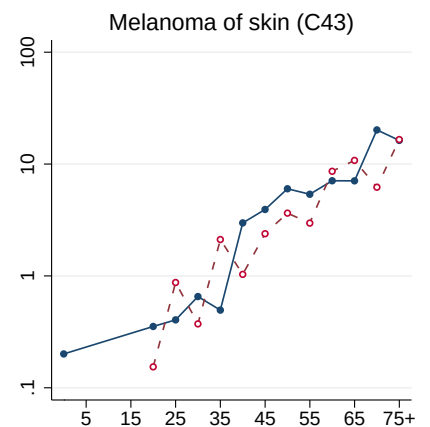
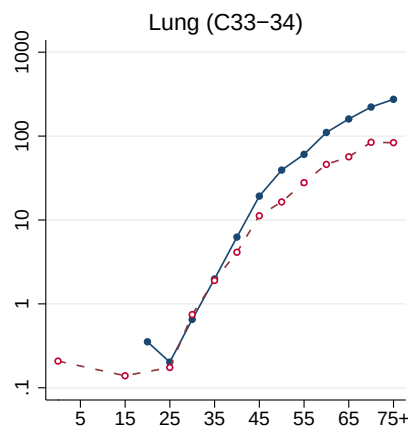
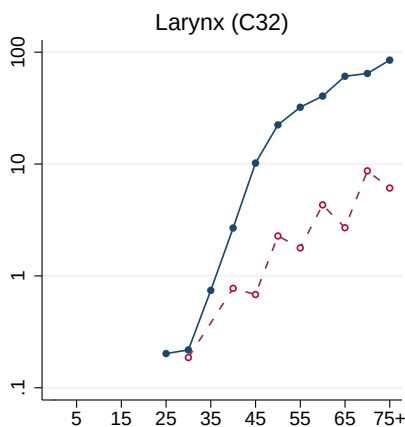
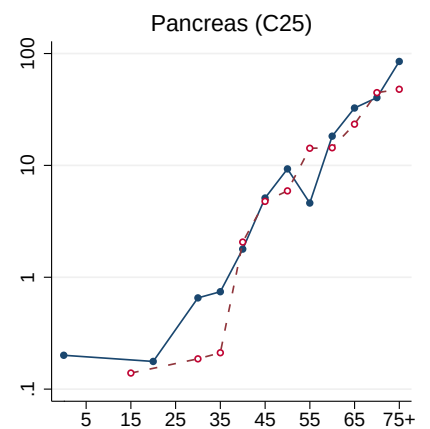
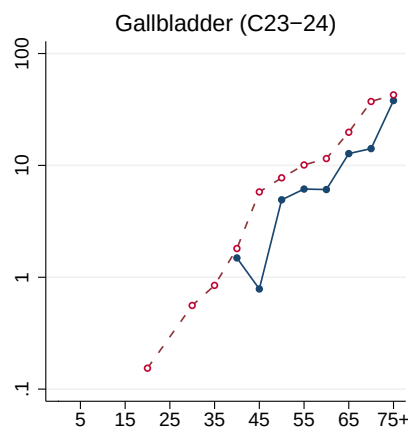
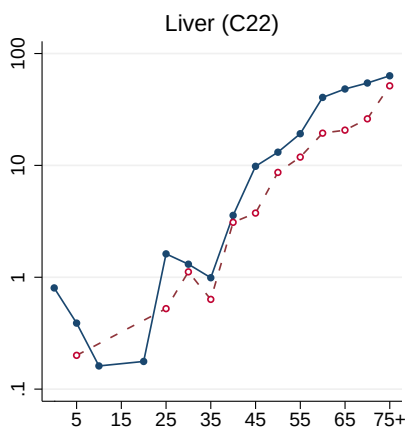
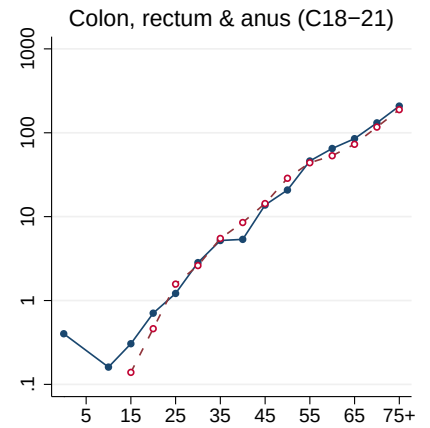
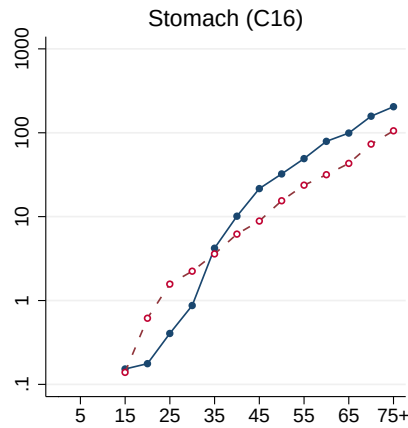
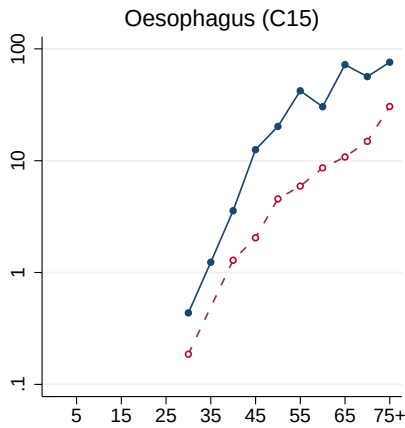
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

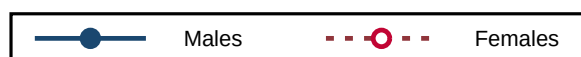
BRAZIL, SALVADOR (2001–2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



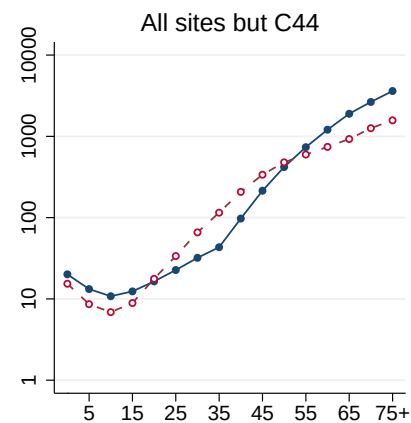
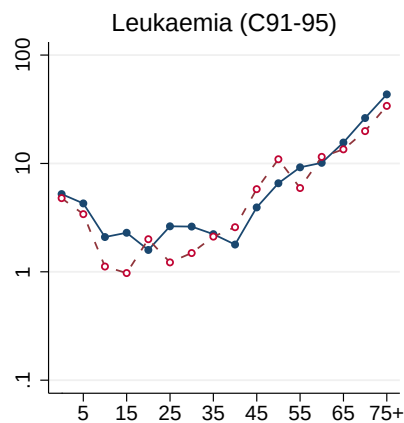
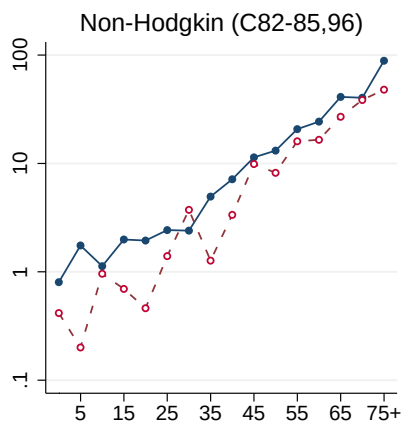
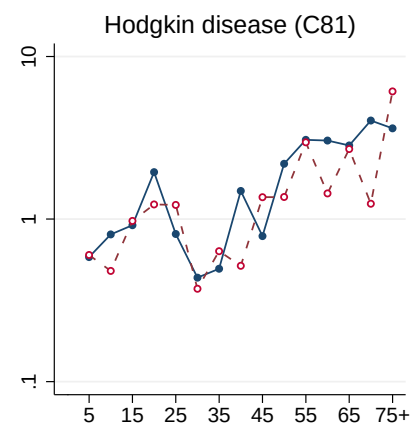
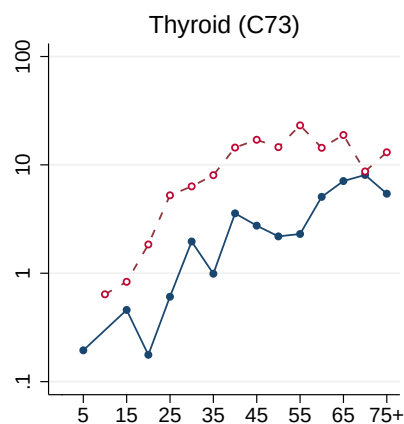
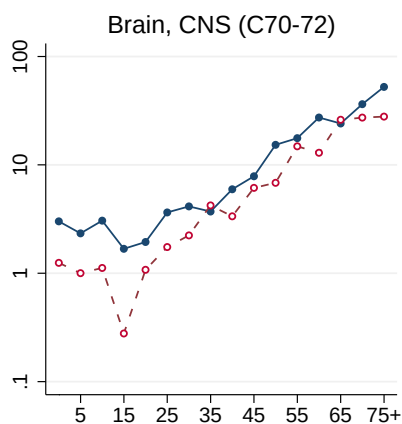
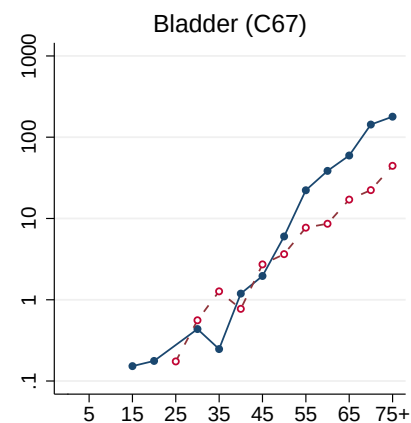
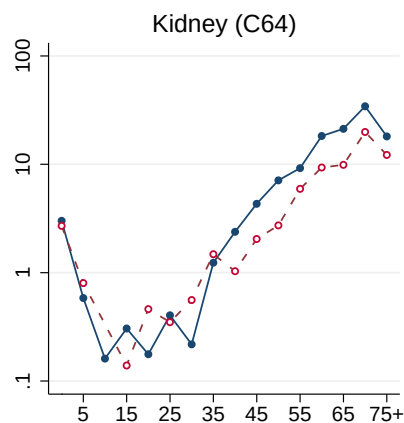
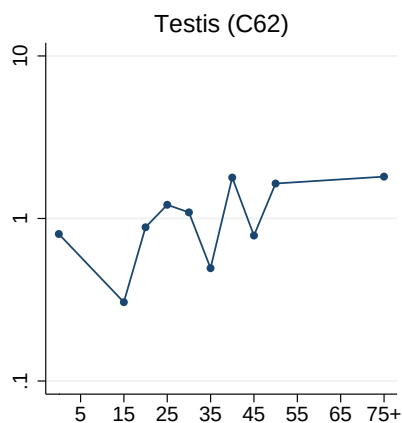
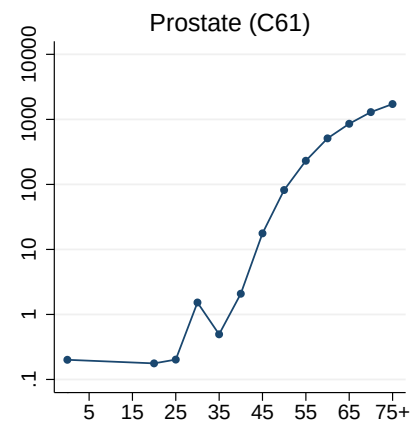
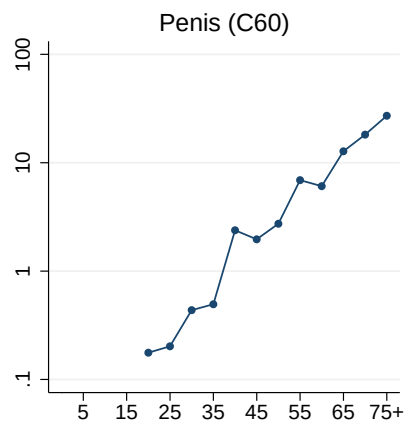
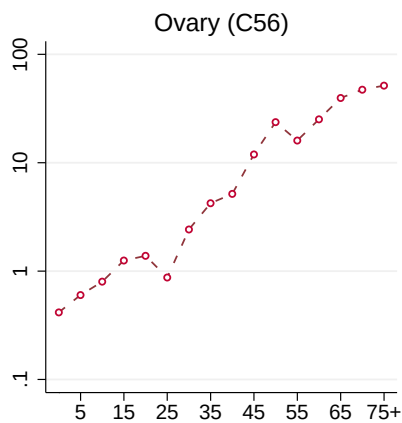
Age in Years



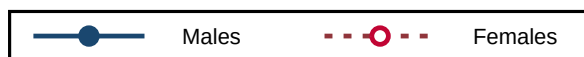
BRAZIL, SALVADOR (2001-2005)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years

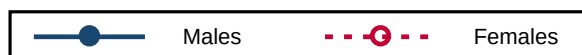
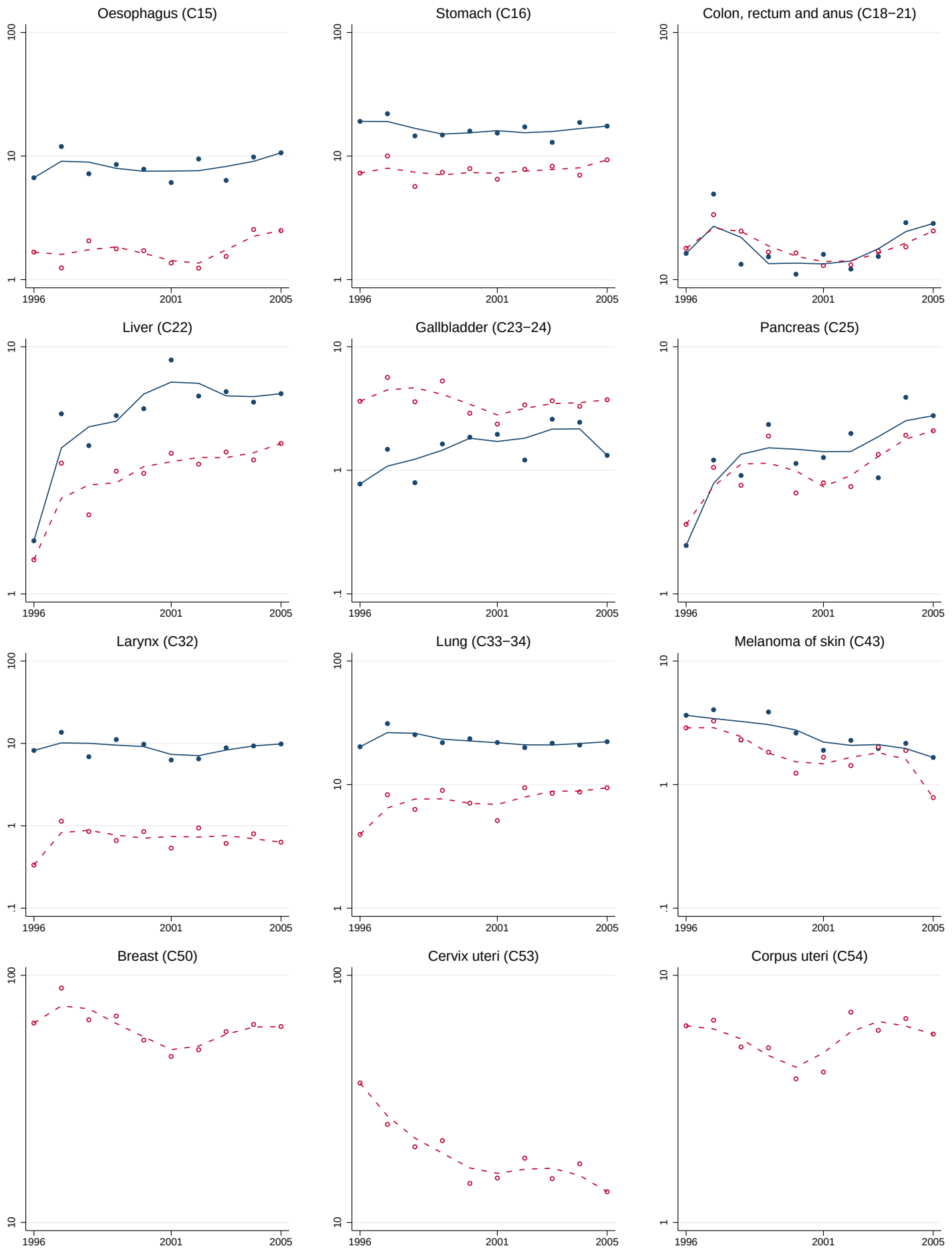


BRAZIL, SALVADOR (1996–2005)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

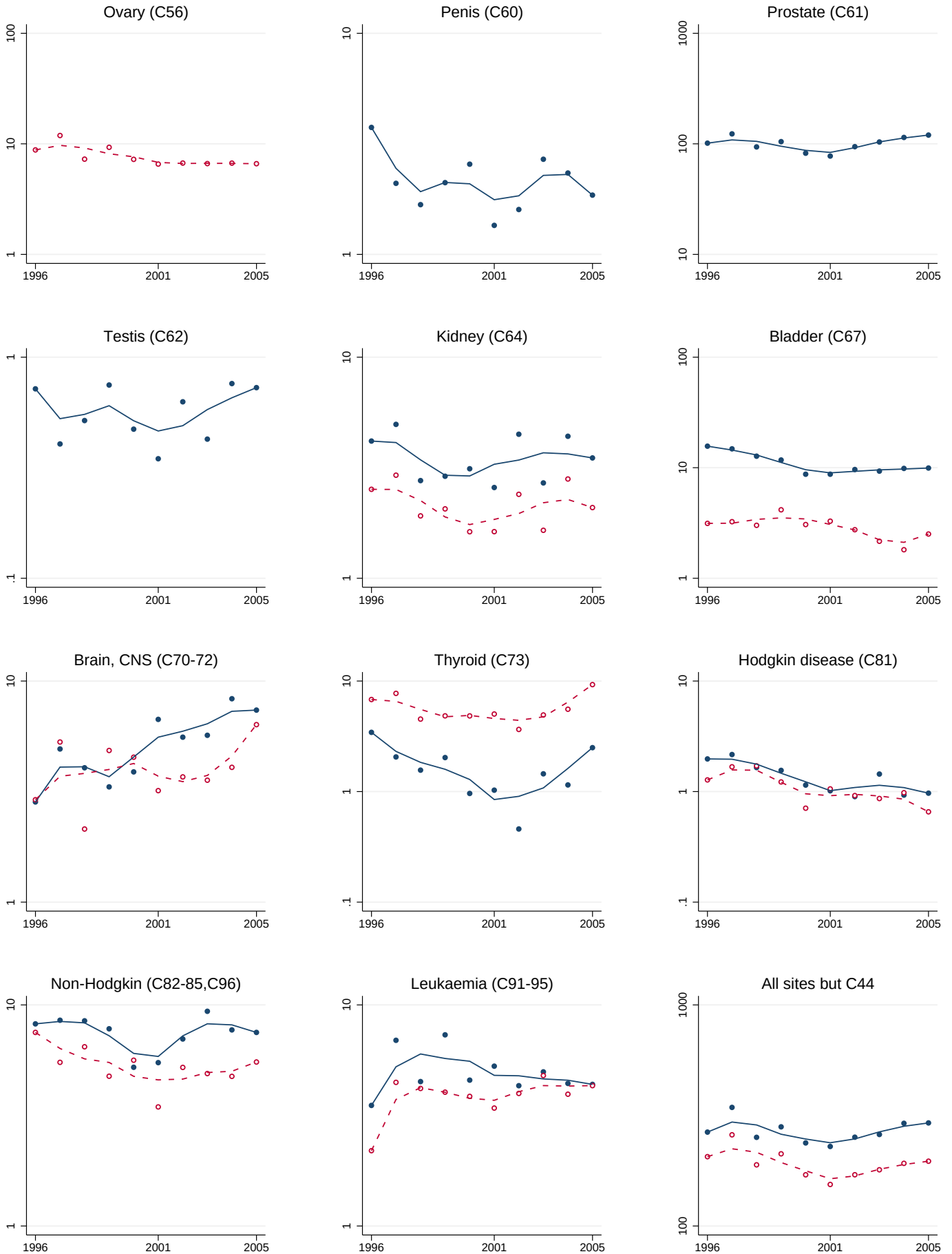


BRAZIL, SALVADOR (1996-2005)

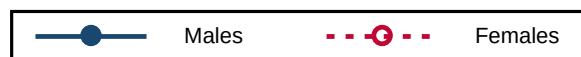
Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

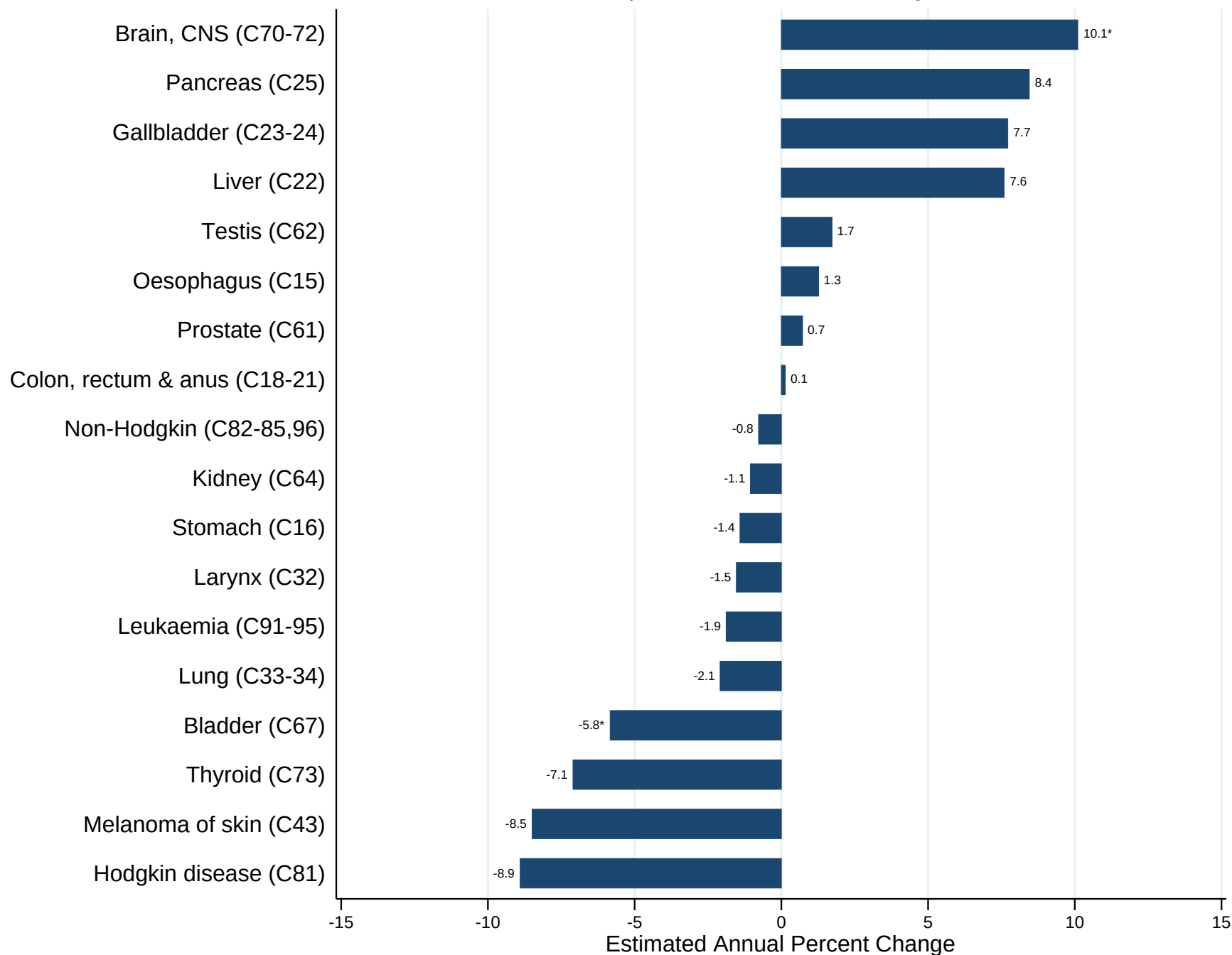


Calendar Year



BRAZIL, SALVADOR (1996-2005)

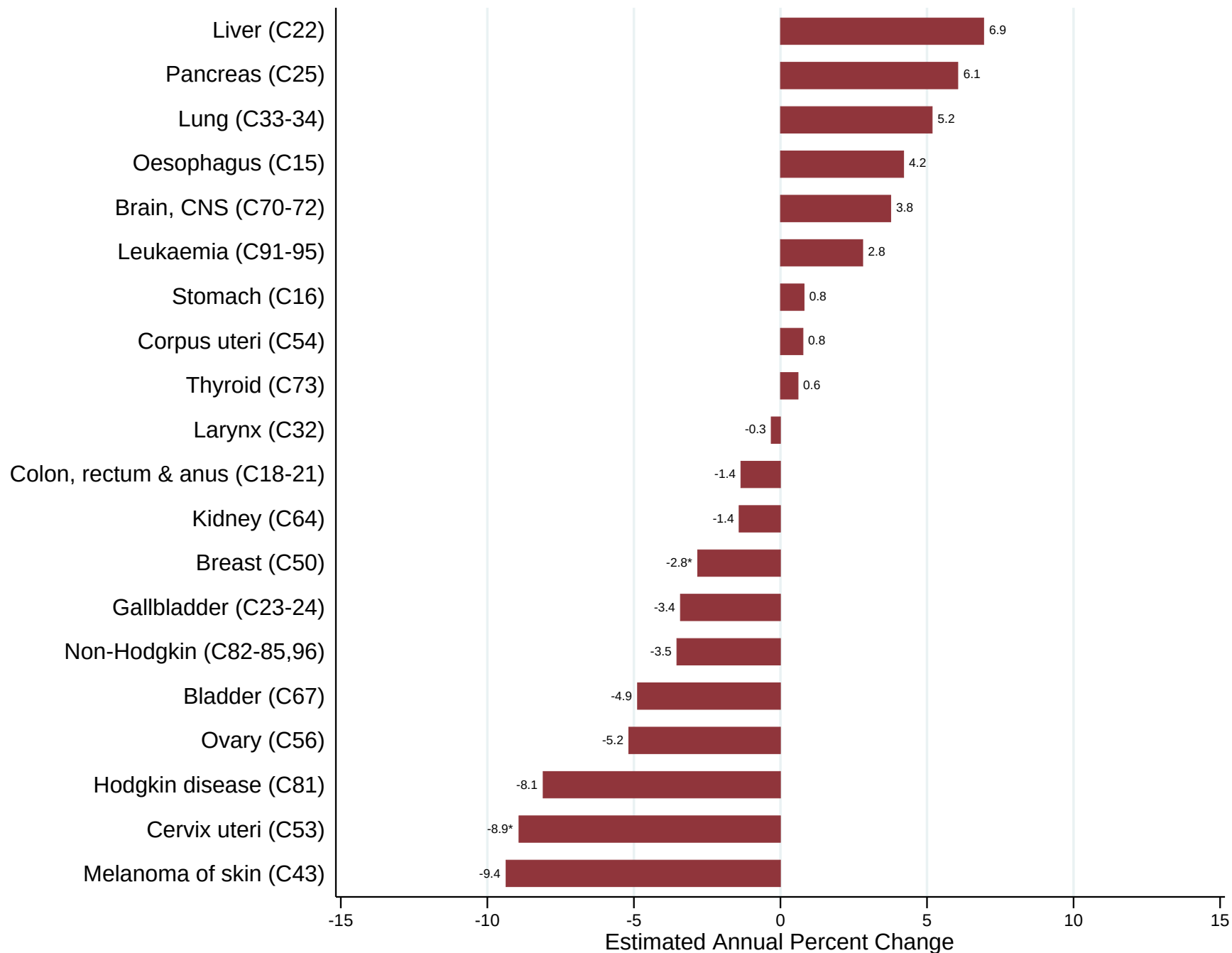
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, SALVADOR (1996-2005)

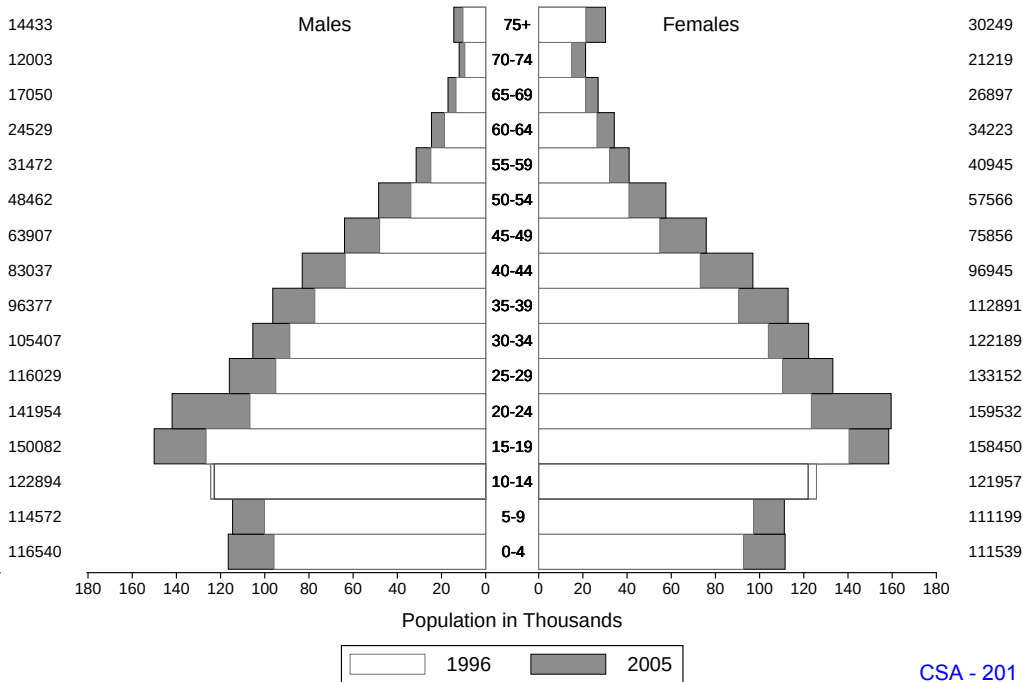
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, SALVADOR (1996-2005)

Population Pyramid by Age



Registry Summary Tables and Figures

BRAZIL, SÃO PAULO (1997–2009)

Registry Director*: Dr Fernanda Alessandra Silva Michels

Registry Staff*: Maria do Rosario Dias de Oliveira Latorre, Aryane Simon, Iza Alzira Cavalheri Sconza, Donaldo Botelho Veneziano

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, SAO PAULO (1997-2001)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	1997 n (%)	1998 n (%)	1999 n (%)	2000 n (%)	2001 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	1018 (5.8)	879 (5.1)	1021 (5.8)	1078 (6.2)	958 (5.6)	4954 (5.7)
Digestive organs (C15-C26)	3898 (22.2)	3654 (21.1)	3508 (20.0)	3417 (19.6)	3236 (18.7)	17713 (20.3)
Respiratory organs (C30-C39)	2229 (12.7)	1781 (10.3)	1934 (11.0)	1860 (10.6)	1769 (10.2)	9573 (11.0)
Bone, cartilage, and skin (C40-C44)	3425 (19.5)	4197 (24.3)	3869 (22.1)	3805 (21.8)	4391 (25.4)	19687 (22.6)
Breast (C50)	28 (0.2)	46 (0.3)	33 (0.2)	52 (0.3)	43 (0.2)	202 (0.2)
Male genitalia (C60-C63)	3121 (17.8)	3156 (18.3)	3430 (19.6)	3590 (20.6)	3329 (19.3)	16626 (19.1)
Urinary organs (C64-C68)	1040 (5.9)	965 (5.6)	978 (5.6)	958 (5.5)	891 (5.2)	4832 (5.6)
Eye, brain, and thyroid (C69-C75)	573 (3.3)	591 (3.4)	609 (3.5)	648 (3.7)	564 (3.3)	2985 (3.4)
Hematopoietic (C81-C96)	1251 (7.1)	1149 (6.6)	1122 (6.4)	1169 (6.7)	1158 (6.7)	5849 (6.7)
Other and unspecified	943 (5.4)	865 (5.0)	1005 (5.7)	888 (5.1)	922 (5.3)	4623 (5.3)
All sites	17526 (100.0)	17283 (100.0)	17509 (100.0)	17465 (100.0)	17261 (100.0)	87044 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	365 (2.0)	294 (1.6)	355 (1.9)	312 (1.6)	322 (1.7)	1648 (1.7)
Digestive organs (C15-C26)	3024 (16.3)	2856 (15.2)	2878 (15.3)	2948 (15.3)	2804 (14.8)	14510 (15.4)
Respiratory organs (C30-C39)	782 (4.2)	653 (3.5)	823 (4.4)	799 (4.1)	844 (4.5)	3901 (4.1)
Bone, cartilage, and skin (C40-C44)	3731 (20.1)	4662 (24.9)	4299 (22.9)	4178 (21.6)	4889 (25.8)	21759 (23.1)
Breast (C50)	4295 (23.2)	4322 (23.0)	4244 (22.6)	4797 (24.8)	3999 (21.1)	21657 (23.0)
Female genitalia (C51-C58)	2647 (14.3)	2486 (13.3)	2604 (13.9)	2703 (14.0)	2408 (12.7)	12848 (13.6)
Urinary organs (C64-C68)	409 (2.2)	418 (2.2)	420 (2.2)	428 (2.2)	407 (2.1)	2082 (2.2)
Eye, brain, and thyroid (C69-C75)	1173 (6.3)	1320 (7.0)	1206 (6.4)	1210 (6.3)	1247 (6.6)	6156 (6.5)
Hematopoietic (C81-C96)	1118 (6.0)	973 (5.2)	1029 (5.5)	1047 (5.4)	1094 (5.8)	5261 (5.6)
Other and unspecified	981 (5.3)	776 (4.1)	906 (4.8)	902 (4.7)	948 (5.0)	4513 (4.8)
All sites	18525 (100.0)	18760 (100.0)	18764 (100.0)	19324 (100.0)	18962 (100.0)	94335 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	1383 (3.8)	1173 (3.3)	1376 (3.8)	1390 (3.8)	1280 (3.5)	6602 (3.6)
Digestive organs (C15-C26)	6922 (19.2)	6510 (18.1)	6386 (17.6)	6365 (17.3)	6040 (16.7)	32223 (17.8)
Respiratory organs (C30-C39)	3011 (8.4)	2434 (6.8)	2757 (7.6)	2659 (7.2)	2613 (7.2)	13474 (7.4)
Bone, cartilage, and skin (C40-C44)	7156 (19.8)	8859 (24.6)	8168 (22.5)	7983 (21.7)	9280 (25.6)	41446 (22.9)
Urinary organs (C64-C68)	1449 (4.0)	1383 (3.8)	1398 (3.9)	1386 (3.8)	1298 (3.6)	6914 (3.8)
Eye, brain, and thyroid (C69-C75)	1746 (4.8)	1911 (5.3)	1815 (5.0)	1858 (5.1)	1811 (5.0)	9141 (5.0)
Hematopoietic (C81-C96)	2369 (6.6)	2122 (5.9)	2151 (5.9)	2216 (6.0)	2252 (6.2)	11110 (6.1)
Other and unspecified	1924 (5.3)	1641 (4.6)	1911 (5.3)	1790 (4.9)	1870 (5.2)	9136 (5.0)
All sites	36051 (100.0)	36043 (100.0)	36273 (100.0)	36789 (100.0)	36223 (100.0)	181379 (100.0)

BRAZIL, SAO PAULO (1997-2001)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	1997 ASR (%)	1998 ASR (%)	1999 ASR (%)	2000 ASR (%)	2001 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	26.9 (5.8)	22.7 (5.0)	26.1 (5.8)	26.0 (6.0)	22.7 (5.4)	24.9 (5.6)
Digestive organs (C15-C26)	105.2 (22.6)	98.0 (21.5)	92.0 (20.3)	85.5 (19.8)	79.9 (18.9)	91.7 (20.6)
Respiratory organs (C30-C39)	61.5 (13.2)	48.6 (10.7)	52.2 (11.5)	47.6 (11.0)	44.6 (10.6)	50.7 (11.4)
Bone, cartilage, and skin (C40-C44)	89.6 (19.2)	109.6 (24.0)	97.9 (21.6)	92.0 (21.3)	106.1 (25.1)	99.0 (22.3)
Breast (C50)	0.7 (0.2)	1.2 (0.3)	0.8 (0.2)	1.2 (0.3)	1.0 (0.2)	1.0 (0.2)
Male genitalia (C60-C63)	86.3 (18.5)	86.5 (19.0)	92.3 (20.4)	92.6 (21.5)	85.1 (20.2)	88.4 (19.9)
Urinary organs (C64-C68)	28.2 (6.1)	26.1 (5.7)	25.5 (5.6)	24.1 (5.6)	22.2 (5.3)	25.1 (5.7)
Eye, brain, and thyroid (C69-C75)	13.8 (3.0)	14.1 (3.1)	14.6 (3.2)	14.6 (3.4)	12.3 (2.9)	13.8 (3.1)
Hematopoietic (C81-C96)	29.4 (6.3)	28.0 (6.1)	26.4 (5.8)	26.7 (6.2)	26.2 (6.2)	27.3 (6.1)
Other and unspecified	23.8 (5.1)	21.3 (4.7)	24.4 (5.4)	20.8 (4.8)	21.6 (5.1)	22.4 (5.0)
All sites	465.6 (100.0)	456.4 (100.0)	452.7 (100.0)	431.6 (100.0)	422.1 (100.0)	444.6 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	7.3 (2.0)	5.8 (1.6)	7.0 (1.9)	5.5 (1.6)	5.7 (1.7)	6.2 (1.8)
Digestive organs (C15-C26)	59.7 (16.2)	56.3 (15.2)	55.8 (15.1)	51.4 (15.1)	48.5 (14.6)	54.1 (15.2)
Respiratory organs (C30-C39)	15.9 (4.3)	13.2 (3.6)	16.5 (4.5)	14.5 (4.3)	15.3 (4.6)	15.1 (4.3)
Bone, cartilage, and skin (C40-C44)	72.8 (19.7)	90.2 (24.4)	83.4 (22.6)	71.7 (21.0)	83.0 (25.0)	80.1 (22.6)
Breast (C50)	87.0 (23.6)	86.3 (23.4)	85.0 (23.0)	86.1 (25.2)	71.1 (21.4)	82.9 (23.3)
Female genitalia (C51-C58)	53.4 (14.5)	49.8 (13.5)	51.3 (13.9)	48.1 (14.1)	42.6 (12.8)	48.8 (13.8)
Urinary organs (C64-C68)	8.3 (2.3)	8.2 (2.2)	8.3 (2.3)	7.7 (2.3)	7.2 (2.2)	7.9 (2.2)
Eye, brain, and thyroid (C69-C75)	22.7 (6.2)	25.4 (6.9)	23.4 (6.3)	21.2 (6.2)	21.8 (6.6)	22.8 (6.4)
Hematopoietic (C81-C96)	22.2 (6.0)	19.0 (5.2)	20.2 (5.5)	18.9 (5.5)	19.5 (5.9)	19.9 (5.6)
Other and unspecified	19.3 (5.2)	14.8 (4.0)	17.6 (4.8)	15.6 (4.6)	16.3 (4.9)	16.7 (4.7)
All sites	368.8 (100.0)	369.3 (100.0)	368.6 (100.0)	341.3 (100.0)	331.7 (100.0)	354.9 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	16.1 (3.9)	13.4 (3.3)	15.6 (3.9)	14.5 (3.9)	13.1 (3.6)	14.5 (3.7)
Digestive organs (C15-C26)	79.3 (19.5)	74.1 (18.4)	71.5 (17.8)	65.6 (17.5)	61.5 (16.8)	70.1 (18.0)
Respiratory organs (C30-C39)	35.6 (8.7)	28.4 (7.0)	32.0 (7.9)	28.3 (7.5)	27.5 (7.5)	30.3 (7.8)
Bone, cartilage, and skin (C40-C44)	79.9 (19.6)	98.5 (24.4)	89.5 (22.2)	80.1 (21.3)	92.5 (25.3)	88.0 (22.6)
Urinary organs (C64-C68)	16.8 (4.1)	15.7 (3.9)	15.7 (3.9)	14.5 (3.9)	13.4 (3.7)	15.2 (3.9)
Eye, brain, and thyroid (C69-C75)	18.6 (4.6)	20.2 (5.0)	19.3 (4.8)	18.1 (4.8)	17.5 (4.8)	18.7 (4.8)
Hematopoietic (C81-C96)	25.6 (6.3)	23.1 (5.7)	23.1 (5.7)	22.3 (5.9)	22.4 (6.1)	23.3 (6.0)
Other and unspecified	21.3 (5.2)	17.7 (4.4)	20.7 (5.1)	17.8 (4.7)	18.6 (5.1)	19.1 (4.9)
All sites	407.7 (100.0)	403.7 (100.0)	402.7 (100.0)	375.2 (100.0)	366.0 (100.0)	390.1 (100.0)

BRAZIL, SAO PAULO (1997-2001)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	4954	201	.	0.1	0.4	0.8	1.3	1.9	3.2	8.2	23.0	40.9	72.1	93.1	105.4	106.5	115.6	96.7	20.4	24.9	2.98	85	1	5	C00-14
Oesophagus (C15)	2387	83	.	.	.	.	0.0	0.2	0.5	1.6	6.2	16.4	32.5	48.7	56.5	66.2	70.8	64.9	9.8	12.5	1.55	77	2	9	C15
Stomach (C16)	6182	241	.	0.0	0.0	0.3	0.7	1.5	3.2	7.7	15.7	25.5	45.9	80.2	121.1	184.0	245.1	329.3	25.5	31.9	3.80	79	1	4	C16
Colon (C18)	3727	152	.	.	.	0.0	0.6	1.0	2.5	5.0	7.4	15.4	26.7	41.4	74.7	110.7	154.3	206.8	15.3	19.3	2.29	81	1		C18
Rectum (C19-20)	2495	78	.	.	.	.	0.4	0.6	1.8	3.5	6.0	9.5	20.7	30.7	52.7	82.6	104.1	114.9	10.3	13.0	1.61	86	0		C19-20
Colorectal (C18-20)	6222	230	.	.	.	0.0	1.0	1.6	4.3	8.5	13.5	24.9	47.4	72.1	127.4	193.3	268.4	321.6	25.6	32.2	3.91	83	1	3	C18-20
Anus (C21)	168	6	.	.	.	.	0.1	0.1	0.1	0.5	0.9	1.1	2.4	2.3	2.7	3.8	3.7	5.3	0.7	0.8	0.09	82	1	25	C21
Colon, rectum and anus (C18-21)	6390	236	.	.	.	0.0	1.1	1.8	4.4	9.0	14.4	26.0	49.9	74.4	130.1	197.1	262.0	327.0	26.3	33.0	4.00	83	1		C18-21
Liver (C22)	555	16	0.2	0.1	0.2	0.1	0.2	0.2	0.4	0.4	1.6	4.3	4.5	9.2	12.8	15.5	17.8	17.7	2.3	2.9	0.35	98	1	18	C22
Gallbladder (C23-24)	465	12	.	.	.	.	0.1	0.1	0.0	0.6	1.4	1.5	3.7	3.8	9.3	13.5	19.7	29.8	1.9	2.4	0.28	54	2	21	C23-24
Pancreas (C25)	1301	9	.	.	.	.	0.1	0.2	0.4	1.3	3.4	6.3	12.3	17.8	24.4	38.9	63.2	63.0	5.4	6.8	0.85	39	3	13	C25
Nose, sinuses (C30-31)	147	7	0.0	0.1	.	0.2	0.0	0.1	0.1	0.4	0.7	1.0	0.9	1.3	3.2	3.6	3.4	5.6	0.6	0.7	0.08	86	0	26	C30-31
Larynx (C32)	2630	68	.	0.0	.	.	0.1	0.3	0.5	2.2	7.4	18.2	30.0	52.1	67.3	80.7	88.8	64.0	10.8	13.8	1.78	80	1	8	C32
Lung, trachea and bronchus (C33-34)	6656	173	.	.	.	.	0.3	0.5	2.2	3.3	11.3	26.0	49.7	95.5	155.8	231.1	320.4	300.0	27.4	35.4	4.60	68	2	2	C33-34
Melanoma of skin (C43)	1354	220	0.0	0.0	0.3	0.5	1.0	1.4	2.9	3.8	4.9	6.5	9.3	13.3	18.7	22.6	35.0	47.0	5.6	6.5	0.72	100	0	15	C43
Mesothelioma (C45)	39	1	.	.	.	.	0.0	.	.	0.1	0.2	0.3	0.3	0.3	1.1	0.8	1.1	1.9	0.2	0.2	0.02	92	8	27	C45
Kaposi sarcoma (C46)	475	54	.	.	0.0	0.2	0.9	2.4	4.5	3.5	2.8	3.2	2.5	2.4	1.4	1.4	2.3	4.9	2.0	1.8	0.16	100	0	22	C46
Breast (C50)	202	9	.	.	.	.	.	0.1	0.4	0.5	1.0	1.0	2.2	1.9	3.5	4.0	8.2	8.1	0.8	1.0	0.12	85	0	24	C50
Penis (C60)	320	16	.	.	.	.	0.1	0.5	0.3	0.8	1.3	2.1	2.5	4.9	5.7	8.1	8.2	11.4	1.3	1.6	0.18	88	0	23	C60
Prostate (C61)	15604	741	.	.	0.1	0.1	0.1	0.0	0.6	1.6	5.3	17.4	55.6	162.1	336.9	593.6	872.7	1041.2	64.3	84.4	10.74	84	1	1	C61
Testis (C62)	684	1	0.3	0.6	0.7	2.2	4.7	5.9	6.8	3.8	2.1	2.2	1.3	1.4	2.4	2.4	1.4	3.0	2.8	2.5	0.19	79	1	20	C62
Kidney (C64)	1309	63	1.2	0.9	0.4	0.2	0.4	0.6	0.9	2.4	3.8	7.9	13.4	22.8	27.4	33.4	42.0	29.8	5.4	6.7	0.83	78	1	14	C64
Bladder (C67)	3422	139	.	.	0.0	0.1	0.3	0.4	1.1	2.2	5.1	9.8	18.7	38.4	59.4	111.3	188.1	224.0	14.1	17.9	2.16	86	0	7	C67
Brain, CNS (C70-72)	1750	48	3.7	3.4	2.6	3.1	2.3	3.3	4.9	6.2	6.6	10.2	14.4	18.2	22.5	30.0	34.1	27.4	7.2	8.1	0.85	61	1	12	C70-72
Thyroid (C73)	794	97	.	0.0	.	0.8	0.6	1.6	3.0	3.5	5.3	6.0	7.9	6.4	7.8	12.1	11.8	10.5	3.3	3.5	0.38	90	0	17	C73
Hodgkin disease (C81)	627	30	0.3	1.7	1.8	2.7	3.0	3.2	2.2	2.6	2.4	2.0	4.1	3.6	3.5	3.0	4.5	4.4	2.6	2.5	0.21	98	2	19	C81
Non-Hodgkin lymphoma (C82-85; C96)	2460	92	1.7	3.0	2.3	3.4	3.1	3.9	6.1	7.0	8.5	12.2	19.1	26.5	34.8	47.5	67.1	71.4	10.1	11.6	1.28	95	5	10	C82-85; C96
Multiple myeloma (C88-C90)	726	11	.	.	.	.	0.0	0.1	0.3	0.7	1.9	4.0	6.8	13.1	16.8	20.9	28.5	28.1	3.0	3.8	0.47	92	8	16	C88-C90
Lymphoid leukaemia (C91)	825	15	5.5	4.4	3.6	3.1	1.8	1.0	1.4	1.5	1.3	1.4	3.2	4.9	8.1	9.1	13.0	15.6	3.4	3.9	0.32	95	5		C91
Myeloid leukaemia (C92-94)	989	21	1.7	1.1	1.1	1.9	2.2	2.9	2.5	3.8	4.0	4.6	6.2	8.1	9.8	13.5	24.3	28.4	4.1	4.5	0.45	92	8		C92-94
Leukaemia unspecified (C95)	222	4	0.8	0.5	0.3	0.9	0.6	0.6	0.3	0.6	0.5	1.1	1.2	1.7	1.7	2.6	4.8	5.8	0.9	1.0	0.09	71	29		C95
Leukaemia (C91-95)	2036	40	7.9	6.0	5.1	6.0	4.6	4.5	4.2	5.9	5.9	7.2	10.7	14.6	19.6	25.2	42.0	49.8	8.4	9.3	0.86	91	9	11	C91-95
Other and unspecified (O&U)	3849	170	0.9	0.5	0.7	1.3	2.3	2.1	3.8	6.7	8.6	18.5	29.6	48.8	69.7	93.0	126.1	154.9	15.0	18.4	2.16	46	3	6	O&U
All sites but C44 (ALLbC44)	69243	2868	22.9	20.0	19.1	28.9	31.4	41.0	61.9	91.9	157.9	286.4	513.3	871.4	1340.1	1974.4	2706.9	3059.3	285.2	354.1	42.60	79	2		ALLbC44
All sites (ALL)	87044	6767	22.9	20.4	19.5	29.7	34.3	47.2	74.2	117.3	197.0	367.1	620.0	1036.7	1602.7	2363.2	3285.7	3820.1	358.5	444.6	53.28	84	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, SAO PAULO (1997-2001)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	1648	68	0.1	0.0	0.5	0.7	1.3	1.5	1.7	2.9	4.5	8.5	14.1	16.4	22.9	25.4	30.0	45.9	6.2	6.2	0.68	82	1	13	C00-14
Oesophagus (C15)	621	30	.	.	.	.	0.1	0.1	0.2	0.3	1.2	2.6	4.9	7.2	11.4	11.8	14.5	19.6	2.3	2.4	0.28	75	2	20	C15
Stomach (C16)	3640	126	.	.	.	0.1	0.4	1.0	3.4	6.0	9.5	13.5	18.2	31.6	43.4	65.1	102.2	148.4	13.8	13.4	1.52	78	1	6	C16
Colon (C18)	4402	165	.	.	.	0.1	0.7	1.1	2.9	6.2	9.4	17.0	28.0	37.6	54.6	85.2	117.5	172.4	16.6	16.3	1.87	78	0		C18
Rectum (C19-20)	2578	69	.	.	.	0.0	0.5	1.0	1.8	3.8	6.5	10.3	17.5	24.7	39.7	50.0	67.4	86.8	9.7	9.8	1.15	84	0		C19-20
Colorectal (C18-20)	6980	234	.	.	.	0.1	1.1	2.1	4.7	10.0	15.9	27.3	45.4	62.3	94.2	135.2	184.9	259.2	26.4	26.1	3.02	80	0	2	C18-20
Anus (C21)	300	14	.	.	.	.	.	0.1	0.3	0.6	1.4	1.4	2.2	4.6	5.1	4.5	6.2	5.9	1.1	1.2	0.14	87	0	23	C21
Colon, rectum and anus (C18-21)	7280	248	.	.	.	0.1	1.1	2.2	5.1	10.6	17.3	28.7	47.7	66.9	99.3	139.7	191.1	265.2	27.5	27.3	3.16	81	0		C18-21
Liver (C22)	283	6	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.9	1.0	2.4	2.6	6.3	5.4	5.8	6.5	1.1	1.1	0.13	96	2	24	C22
Gallbladder (C23-24)	817	20	.	.	.	.	0.0	0.2	0.2	0.8	1.0	2.3	5.6	6.6	12.5	16.1	22.1	36.2	3.1	3.1	0.35	56	2	18	C23-24
Pancreas (C25)	1404	9	.	.	.	.	0.1	0.2	0.5	0.9	1.7	3.5	7.9	13.9	18.6	28.7	40.9	68.3	5.3	5.2	0.59	41	2	15	C25
Nose, sinuses (C30-31)	112	2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.5	0.8	0.6	1.9	1.6	1.2	3.5	0.4	0.4	0.04	78	1	25	C30-31
Larynx (C32)	456	15	.	.	.	.	0.1	0.2	0.4	0.5	1.4	2.4	4.3	6.2	8.2	9.0	10.3	8.4	1.7	1.8	0.22	75	2	22	C32
Lung, trachea and bronchus (C33-34)	3205	88	.	.	.	.	0.2	0.9	1.3	3.8	7.1	13.2	24.7	39.9	51.0	64.6	84.2	96.1	12.1	12.4	1.50	66	1	7	C33-34
Melanoma of skin (C43)	1577	302	0.1	0.0	0.2	0.4	1.0	1.8	3.1	4.6	5.1	7.2	8.4	11.8	11.9	17.3	28.3	34.1	6.0	5.7	0.63	100	0	14	C43
Mesothelioma (C45)	41	4	.	.	.	.	.	.	0.1	0.1	0.1	0.4	0.2	0.5	0.1	0.7	1.2	0.7	0.2	0.2	0.02	90	10	27	C45
Kaposi sarcoma (C46)	72	8	.	.	0.0	0.0	0.0	0.4	0.5	0.2	0.5	0.3	0.1	0.3	0.4	0.4	0.2	1.7	0.3	0.2	0.02	99	1	26	C46
Breast (C50)	21657	762	0.0	0.0	0.0	0.3	1.2	7.5	24.1	60.6	114.5	181.3	220.2	254.9	276.2	319.6	363.2	363.3	81.9	82.9	9.45	83	0	1	C50
Cervix uteri (C53)	5824	193	.	.	0.0	0.2	2.4	8.0	15.1	24.4	36.4	42.5	56.4	64.3	66.3	71.5	80.0	65.1	22.0	21.8	2.42	86	0	3	C53
Corpus uteri (C54)	2121	81	.	.	.	.	.	0.1	0.3	0.9	1.9	6.5	16.0	26.5	38.7	54.6	63.7	59.2	8.0	8.4	1.09	88	0	9	C54
Ovary (C56)	3184	95	0.2	0.1	0.8	1.6	2.5	3.2	4.3	7.2	9.8	20.7	26.5	39.0	46.9	51.9	62.7	55.4	12.0	12.3	1.43	75	1	8	C56
Kidney (C64)	787	33	2.5	1.0	0.4	0.3	0.4	0.3	0.7	1.2	2.5	3.6	5.8	6.7	11.3	13.4	15.7	15.3	3.0	3.2	0.34	78	1	17	C64
Bladder (C67)	1227	57	0.0	.	0.1	0.0	0.1	0.3	0.8	0.8	1.7	3.3	6.8	10.1	15.0	23.9	32.7	57.5	4.6	4.5	0.50	78	0	16	C67
Brain, CNS (C70-72)	1647	40	3.1	3.1	2.4	2.3	1.8	3.4	3.6	3.8	5.4	7.7	10.9	14.5	16.6	22.8	25.9	23.8	6.2	6.4	0.65	57	1	12	C70-72
Thyroid (C73)	4056	569	.	0.1	.	2.7	4.8	9.0	16.3	21.1	25.5	27.1	32.9	29.4	25.7	29.9	25.4	22.1	15.3	14.5	1.45	91	0	4	C73
Hodgkin disease (C81)	559	22	0.0	0.7	1.0	2.5	3.4	2.8	2.3	1.6	2.4	1.4	1.6	2.4	2.1	3.3	3.5	4.6	2.1	1.9	0.16	98	2	21	C81
Non-Hodgkin lymphoma (C82-85; C96)	2193	104	1.3	1.1	0.9	1.8	2.2	3.5	3.5	4.1	6.2	9.6	14.7	18.1	24.7	37.0	44.1	53.8	8.3	8.3	0.91	96	4	10	C82-85; C96
Multiple myeloma (C88-C90)	764	15	.	.	.	.	0.0	0.2	0.5	0.8	1.3	2.5	5.5	7.8	13.9	17.9	23.4	22.4	2.9	3.0	0.38	90	10	19	C88-C90
Lymphoid leukaemia (C91)	607	15	4.5	3.2	2.5	1.2	1.0	0.6	0.7	0.8	0.9	1.6	1.9	2.1	3.6	6.7	6.2	11.6	2.3	2.5	0.19	95	5		C91
Myeloid leukaemia (C92-94)	966	18	1.3	0.4	1.6	1.1	2.1	1.8	2.7	2.2	3.1	3.3	7.0	6.6	10.7	13.3	14.7	19.4	3.7	3.6	0.37	91	9		C92-94
Leukaemia unspecified (C95)	172	4	0.5	0.2	0.5	0.2	0.2	0.4	0.1	0.8	0.2	0.3	0.3	0.3	2.2	1.8	3.5	5.3	0.7	0.6	0.06	76	24		C95
Leukaemia (C91-95)	1745	37	6.2	3.9	4.6	2.5	3.3	2.8	3.5	3.7	4.2	5.2	9.2	9.1	16.5	21.8	24.4	36.2	6.6	6.8	0.62	91	9	11	C91-95
Other and unspecified (O&U)	3826	165	1.1	0.5	0.5	1.6	2.1	2.4	4.2	6.6	10.7	17.3	23.8	31.8	45.4	60.7	82.1	135.9	14.5	14.1	1.52	46	2	5	O&U
All sites but C44 (ALLbC44)	74574	3297	21.4	14.6	15.9	21.7	32.7	57.6	102.7	177.1	286.4	428.6	590.3	752.5	926.1	1163.9	1439.4	1733.5	282.0	281.8	31.55	79	1		ALLbC44
All sites (ALL)	94335	7920	21.5	14.8	16.3	23.3	35.5	64.3	116.5	200.6	324.4	493.4	684.0	888.6	1115.7	1433.0	1854.2	2349.3	356.7	354.9	39.77	83	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

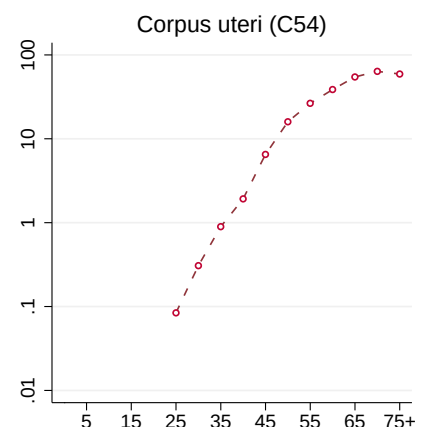
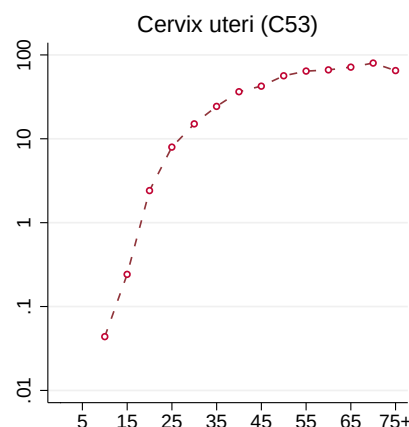
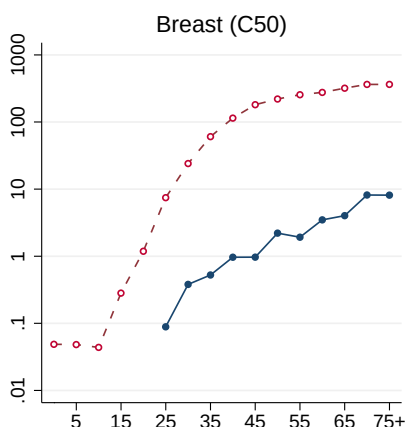
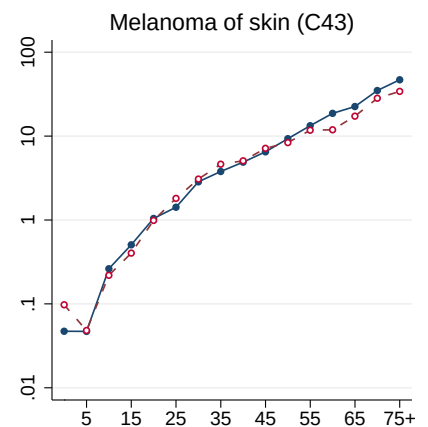
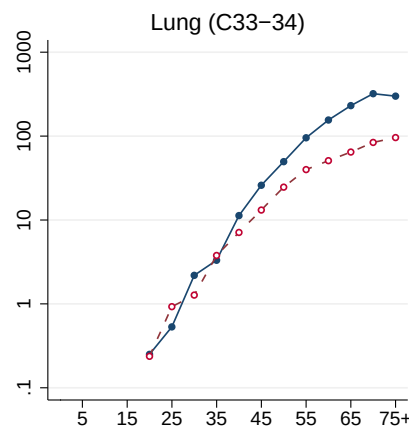
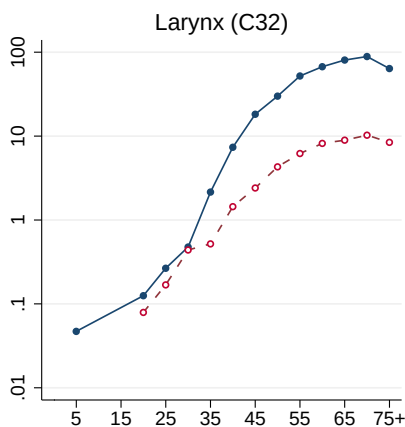
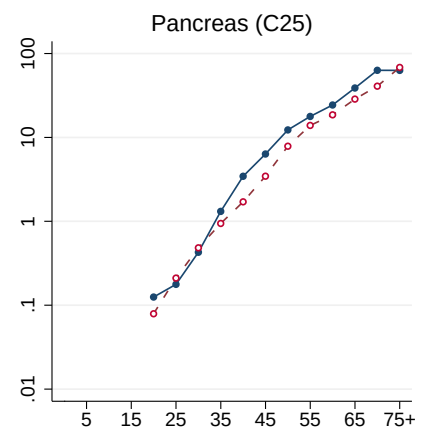
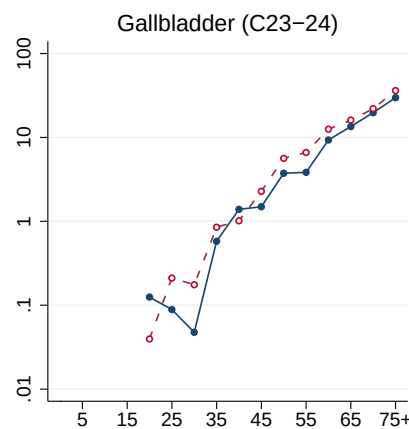
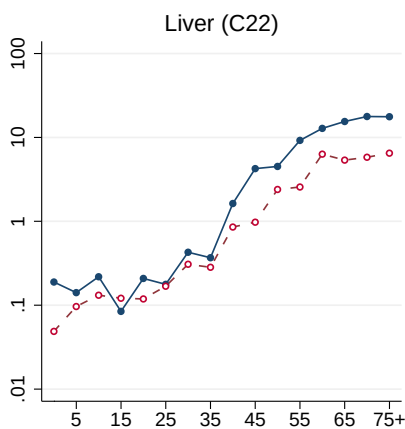
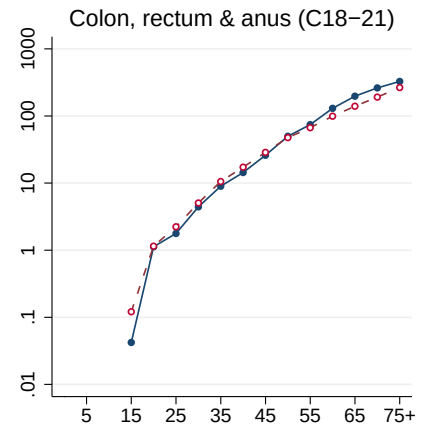
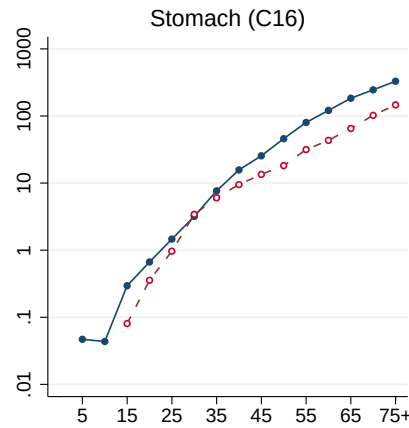
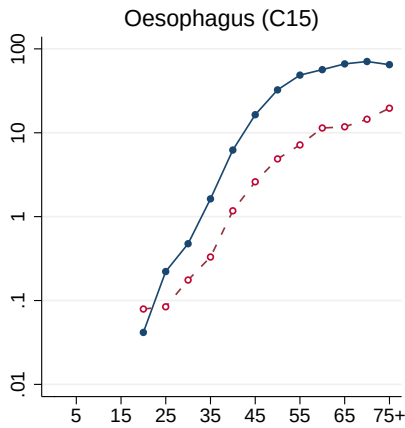
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

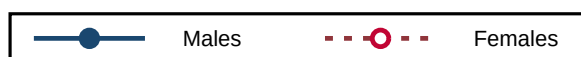
BRAZIL, SAO PAULO (1997–2001)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years

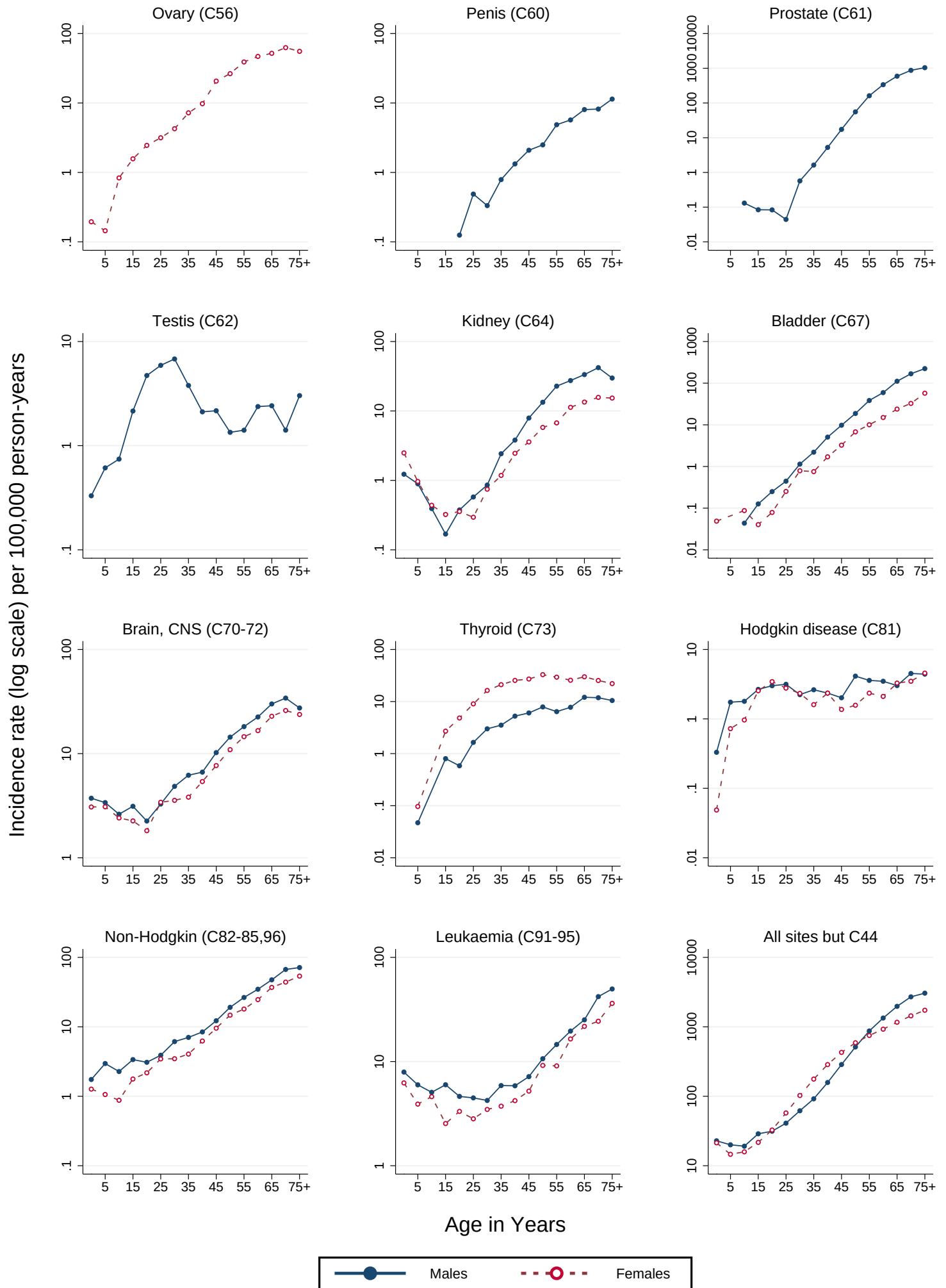


Age in Years



BRAZIL, SAO PAULO (1997-2001)

Age-specific incidence rates per 100,000 person-years



BRAZIL, SAO PAULO (2005-2009)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2005 n (%)	2006 n (%)	2007 n (%)	2008 n (%)	2009 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	1086 (5.3)	1022 (5.0)	881 (4.5)	731 (3.9)	878 (4.1)	4598 (4.6)
Digestive organs (C15-C26)	3807 (18.5)	3801 (18.5)	3564 (18.3)	3101 (16.7)	3625 (16.9)	17898 (17.8)
Respiratory organs (C30-C39)	1597 (7.8)	1580 (7.7)	1442 (7.4)	1260 (6.8)	1307 (6.1)	7186 (7.2)
Bone, cartilage, and skin (C40-C44)	5528 (26.9)	5770 (28.1)	5580 (28.7)	5786 (31.2)	5985 (27.9)	28649 (28.5)
Breast (C50)	64 (0.3)	99 (0.5)	117 (0.6)	116 (0.6)	91 (0.4)	487 (0.5)
Male genitalia (C60-C63)	4583 (22.3)	4430 (21.6)	4270 (22.0)	3923 (21.2)	4625 (21.6)	21831 (21.7)
Urinary organs (C64-C68)	991 (4.8)	980 (4.8)	1042 (5.4)	998 (5.4)	1319 (6.2)	5330 (5.3)
Eye, brain, and thyroid (C69-C75)	696 (3.4)	557 (2.7)	535 (2.8)	616 (3.3)	774 (3.6)	3178 (3.2)
Hematopoietic (C81-C96)	1030 (5.0)	1030 (5.0)	897 (4.6)	962 (5.2)	1314 (6.1)	5233 (5.2)
Other and unspecified	1156 (5.6)	1234 (6.0)	1095 (5.6)	1043 (5.6)	1515 (7.1)	6043 (6.0)
All sites	20538 (100.0)	20503 (100.0)	19423 (100.0)	18536 (100.0)	21433 (100.0)	100433 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	408 (1.7)	385 (1.7)	318 (1.4)	338 (1.5)	375 (1.5)	1824 (1.6)
Digestive organs (C15-C26)	3398 (14.2)	3216 (14.2)	3235 (14.6)	2957 (13.3)	3281 (13.3)	16087 (13.9)
Respiratory organs (C30-C39)	828 (3.5)	829 (3.7)	775 (3.5)	741 (3.3)	800 (3.2)	3973 (3.4)
Bone, cartilage, and skin (C40-C44)	6145 (25.8)	5985 (26.5)	6038 (27.3)	6529 (29.3)	6769 (27.4)	31466 (27.2)
Breast (C50)	5451 (22.9)	5102 (22.6)	5321 (24.1)	5281 (23.7)	5140 (20.8)	26295 (22.7)
Female genitalia (C51-C58)	2573 (10.8)	2610 (11.6)	2153 (9.7)	1909 (8.6)	2259 (9.1)	11504 (10.0)
Urinary organs (C64-C68)	562 (2.4)	472 (2.1)	487 (2.2)	481 (2.2)	612 (2.5)	2614 (2.3)
Eye, brain, and thyroid (C69-C75)	2143 (9.0)	1593 (7.1)	1624 (7.3)	1903 (8.5)	2243 (9.1)	9506 (8.2)
Hematopoietic (C81-C96)	1074 (4.5)	995 (4.4)	907 (4.1)	962 (4.3)	1323 (5.3)	5261 (4.6)
Other and unspecified	1273 (5.3)	1389 (6.2)	1264 (5.7)	1195 (5.4)	1933 (7.8)	7054 (6.1)
All sites	23855 (100.0)	22576 (100.0)	22122 (100.0)	22296 (100.0)	24735 (100.0)	115584 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	1494 (3.4)	1407 (3.3)	1199 (2.9)	1069 (2.6)	1253 (2.7)	6422 (3.0)
Digestive organs (C15-C26)	7205 (16.2)	7017 (16.3)	6799 (16.4)	6058 (14.8)	6906 (15.0)	33985 (15.7)
Respiratory organs (C30-C39)	2425 (5.5)	2409 (5.6)	2217 (5.3)	2001 (4.9)	2107 (4.6)	11159 (5.2)
Bone, cartilage, and skin (C40-C44)	11673 (26.3)	11755 (27.3)	11618 (28.0)	12315 (30.2)	12754 (27.6)	60115 (27.8)
Urinary organs (C64-C68)	1553 (3.5)	1452 (3.4)	1529 (3.7)	1479 (3.6)	1931 (4.2)	7944 (3.7)
Eye, brain, and thyroid (C69-C75)	2839 (6.4)	2150 (5.0)	2159 (5.2)	2519 (6.2)	3017 (6.5)	12684 (5.9)
Hematopoietic (C81-C96)	2104 (4.7)	2025 (4.7)	1804 (4.3)	1924 (4.7)	2637 (5.7)	10494 (4.9)
Other and unspecified	2429 (5.5)	2623 (6.1)	2359 (5.7)	2238 (5.5)	3448 (7.5)	13097 (6.1)
All sites	44393 (100.0)	43079 (100.0)	41545 (100.0)	40832 (100.0)	46168 (100.0)	216017 (100.0)

BRAZIL, SAO PAULO (2005-2009)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	2008 ASR (%)	2009 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	24.9 (5.1)	23.2 (4.9)	17.8 (4.5)	14.7 (3.9)	17.1 (4.0)	19.3 (4.5)
Digestive organs (C15-C26)	90.4 (18.7)	89.3 (18.7)	73.4 (18.4)	62.9 (16.7)	72.1 (17.0)	76.8 (17.9)
Respiratory organs (C30-C39)	38.6 (8.0)	37.4 (7.8)	30.2 (7.6)	26.2 (7.0)	26.5 (6.2)	31.4 (7.3)
Bone, cartilage, and skin (C40-C44)	129.4 (26.8)	133.4 (27.9)	111.5 (28.0)	114.4 (30.4)	115.9 (27.3)	120.0 (28.0)
Breast (C50)	1.5 (0.3)	2.3 (0.5)	2.3 (0.6)	2.3 (0.6)	1.8 (0.4)	2.0 (0.5)
Male genitalia (C60-C63)	112.6 (23.3)	107.7 (22.5)	91.3 (22.9)	83.5 (22.2)	96.5 (22.7)	97.4 (22.7)
Urinary organs (C64-C68)	23.5 (4.9)	23.2 (4.9)	21.6 (5.4)	20.2 (5.4)	26.2 (6.2)	22.9 (5.3)
Eye, brain, and thyroid (C69-C75)	14.6 (3.0)	11.6 (2.4)	10.4 (2.6)	11.9 (3.2)	14.5 (3.4)	12.6 (2.9)
Hematopoietic (C81-C96)	22.0 (4.5)	22.0 (4.6)	17.8 (4.5)	19.0 (5.1)	25.3 (6.0)	21.2 (4.9)
Other and unspecified	26.3 (5.4)	28.2 (5.9)	21.8 (5.5)	20.8 (5.5)	29.3 (6.9)	25.1 (5.9)
All sites	483.5 (100.0)	478.0 (100.0)	398.1 (100.0)	376.0 (100.0)	425.2 (100.0)	428.6 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	7.0 (1.7)	6.3 (1.7)	4.6 (1.4)	4.9 (1.5)	5.4 (1.6)	5.6 (1.6)
Digestive organs (C15-C26)	57.1 (14.3)	53.1 (14.2)	45.7 (14.3)	41.6 (13.0)	45.4 (13.0)	48.1 (13.8)
Respiratory organs (C30-C39)	14.1 (3.5)	14.4 (3.8)	11.4 (3.6)	10.8 (3.4)	11.5 (3.3)	12.3 (3.5)
Bone, cartilage, and skin (C40-C44)	99.8 (25.0)	96.1 (25.7)	82.3 (25.8)	88.3 (27.6)	89.4 (25.7)	90.5 (25.9)
Breast (C50)	93.2 (23.3)	86.3 (23.1)	78.7 (24.6)	77.3 (24.2)	73.9 (21.2)	81.2 (23.2)
Female genitalia (C51-C58)	43.5 (10.9)	43.8 (11.7)	32.1 (10.1)	28.1 (8.8)	32.6 (9.4)	35.6 (10.2)
Urinary organs (C64-C68)	9.6 (2.4)	7.7 (2.1)	7.0 (2.2)	7.0 (2.2)	8.7 (2.5)	8.0 (2.3)
Eye, brain, and thyroid (C69-C75)	35.6 (8.9)	26.0 (6.9)	24.6 (7.7)	28.4 (8.9)	32.9 (9.5)	29.4 (8.4)
Hematopoietic (C81-C96)	18.3 (4.6)	16.8 (4.5)	13.7 (4.3)	14.7 (4.6)	19.8 (5.7)	16.6 (4.7)
Other and unspecified	21.6 (5.4)	23.0 (6.2)	18.7 (5.9)	17.6 (5.5)	27.7 (8.0)	21.6 (6.2)
All sites	400.0 (100.0)	373.7 (100.0)	319.4 (100.0)	319.5 (100.0)	348.0 (100.0)	349.4 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	14.8 (3.4)	13.7 (3.3)	10.3 (3.0)	9.1 (2.7)	10.4 (2.8)	11.5 (3.1)
Digestive organs (C15-C26)	70.8 (16.5)	68.2 (16.5)	57.2 (16.4)	50.4 (14.9)	56.3 (15.0)	59.9 (15.8)
Respiratory organs (C30-C39)	24.4 (5.7)	23.9 (5.8)	19.2 (5.5)	17.1 (5.1)	17.6 (4.7)	20.2 (5.3)
Bone, cartilage, and skin (C40-C44)	111.4 (25.9)	110.9 (26.9)	93.7 (26.9)	98.6 (29.1)	99.9 (26.6)	102.2 (27.0)
Urinary organs (C64-C68)	15.2 (3.5)	14.1 (3.4)	13.0 (3.7)	12.4 (3.6)	15.8 (4.2)	14.1 (3.7)
Eye, brain, and thyroid (C69-C75)	26.0 (6.0)	19.3 (4.7)	18.1 (5.2)	20.9 (6.2)	24.4 (6.5)	21.6 (5.7)
Hematopoietic (C81-C96)	19.9 (4.6)	19.1 (4.6)	15.6 (4.5)	16.5 (4.9)	22.2 (5.9)	18.6 (4.9)
Other and unspecified	23.5 (5.5)	25.1 (6.1)	19.9 (5.7)	18.8 (5.5)	28.2 (7.5)	23.0 (6.1)
All sites	430.1 (100.0)	413.1 (100.0)	348.4 (100.0)	339.2 (100.0)	376.1 (100.0)	378.3 (100.0)

BRAZIL, SAO PAULO (2005-2009)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	4598	409	1.3	1.0	0.5	1.0	1.8	2.0	2.5	5.1	13.7	30.8	54.4	69.3	74.1	78.0	78.4	71.1	17.6	19.3	2.27	87	2	5	C00-14
Oesophagus (C15)	2359	274	.	.	.	0.1	0.1	0.3	0.4	2.0	5.1	13.1	28.2	32.0	39.9	47.8	45.8	60.7	9.0	10.1	1.19	90	4	9	C15
Stomach (C16)	4481	603	0.0	0.0	0.0	0.2	0.6	0.9	2.1	4.4	7.6	16.0	24.7	43.1	66.7	93.9	122.6	178.4	17.2	19.2	2.24	91	3	6	C16
Colon (C18)	4868	672	.	.	.	0.2	0.8	1.2	2.1	3.4	8.1	13.6	28.5	47.1	68.4	103.6	148.0	206.7	18.6	20.9	2.46	91	1		C18
Rectum (C19-20)	3488	487	0.0	.	.	0.1	0.3	0.9	1.7	3.1	6.9	11.2	22.3	35.3	49.9	79.2	94.5	131.3	13.4	15.0	1.78	93	1		C19-20
Colorectal (C18-20)	8356	1159	0.0	.	.	0.3	1.1	2.1	3.7	6.4	15.0	24.8	50.8	82.4	118.3	182.8	242.5	338.0	32.0	35.9	4.24	92	1	2	C18-20
Anus (C21)	249	22	0.0	.	.	0.0	0.2	0.4	0.3	0.4	1.8	1.7	1.5	2.2	3.4	3.0	3.8	6.2	1.0	1.0	0.10	65	0	24	C21
Colon, rectum and anus (C18-21)	8605	1181	0.1	.	.	0.3	1.3	2.6	4.0	6.8	16.8	26.5	52.3	84.6	121.7	185.9	246.3	344.3	33.0	36.9	4.34	91	1		C18-21
Liver (C22)	699	58	0.2	0.0	0.0	0.1	0.1	0.3	0.1	0.9	1.0	2.7	5.5	10.4	13.0	16.1	19.5	17.9	2.7	3.0	0.38	91	8	18	C22
Gallbladder (C23-24)	344	41	.	.	.	.	0.0	0.0	0.3	0.4	0.5	1.1	2.9	3.3	4.8	7.7	8.6	13.8	1.3	1.5	0.17	78	7	23	C23-24
Pancreas (C25)	981	63	.	.	0.0	0.0	0.0	0.2	0.4	0.8	1.7	3.5	7.2	12.4	13.4	25.0	32.8	37.7	3.8	4.2	0.52	70	10	16	C25
Nose, sinuses (C30-31)	162	9	0.2	0.1	0.0	0.1	0.3	0.2	0.4	0.2	0.3	0.8	0.6	1.9	1.8	4.1	3.8	3.2	0.6	0.7	0.08	71	0	26	C30-31
Larynx (C32)	2040	212	.	0.1	.	0.1	0.2	0.2	0.6	1.2	3.9	11.8	19.4	30.3	38.7	46.3	45.1	40.6	7.8	8.9	1.10	88	5	10	C32
Lung, trachea and bronchus (C33-34)	4872	466	.	.	.	0.0	0.5	1.1	1.2	2.7	6.1	13.5	31.6	50.7	85.3	124.3	161.5	190.5	18.7	21.4	2.65	84	6	4	C33-34
Melanoma of skin (C43)	1736	519	0.0	0.2	0.1	0.2	0.9	1.3	2.4	2.6	4.4	5.5	9.7	14.2	17.3	22.9	26.6	44.0	6.7	7.1	0.77	100	0	11	C43
Mesothelioma (C45)	43	4	.	.	.	.	.	.	0.1	0.1	0.1	0.1	0.3	0.3	0.8	1.1	1.4	1.1	0.2	0.2	0.02	98	2	27	C45
Kaposi sarcoma (C46)	220	46	.	.	0.0	.	0.2	0.4	1.2	1.3	1.7	0.7	0.9	0.9	0.9	0.9	1.9	3.6	0.8	0.8	0.07	99	1	25	C46
Breast (C50)	487	45	.	.	0.0	0.1	0.3	0.3	0.4	1.0	1.5	1.8	3.5	5.7	5.6	8.6	14.5	15.7	1.9	2.0	0.24	89	1	21	C50
Penis (C60)	381	54	0.4	0.2	0.2	0.2	0.9	0.6	1.1	0.7	1.0	1.2	2.4	2.7	2.7	4.8	6.9	10.9	1.5	1.5	0.15	75	0	22	C60
Prostate (C61)	20515	3016	.	0.4	.	0.1	.	0.2	0.6	1.8	7.5	26.9	91.6	205.4	378.0	596.2	771.4	778.9	78.6	92.7	12.19	93	1	1	C61
Testis (C62)	867	76	1.8	0.8	0.6	1.7	4.9	6.9	5.7	4.0	3.8	1.8	1.1	1.4	1.6	2.0	2.4	3.4	3.3	3.0	0.22	80	0	19	C62
Kidney (C64)	1647	200	1.6	0.3	0.1	0.1	0.2	0.6	1.3	1.9	4.5	9.9	14.7	21.1	26.8	27.0	30.4	35.1	6.3	7.0	0.80	89	3	12	C64
Bladder (C67)	3566	424	0.1	0.0	0.1	0.2	0.2	0.5	1.0	1.9	3.5	6.7	14.1	29.7	49.0	82.3	119.0	201.5	13.7	15.4	1.75	88	1	7	C67
Brain, CNS (C70-72)	1180	94	3.2	2.8	1.5	1.6	2.0	2.1	2.9	2.9	3.7	4.8	7.3	8.9	12.6	16.5	18.1	13.2	4.5	4.8	0.49	71	4	15	C70-72
Thyroid (C73)	1620	88	0.1	0.0	0.5	0.7	1.6	4.1	5.4	9.1	9.5	12.5	15.8	16.6	14.7	15.6	13.8	10.2	6.2	6.1	0.63	89	0	13	C73
Hodgkin disease (C81)	716	72	0.2	0.8	1.4	3.3	3.4	3.3	2.4	1.8	2.5	2.9	3.1	2.5	4.2	3.2	5.9	5.3	2.7	2.6	0.23	99	1	20	C81
Non-Hodgkin lymphoma (C82-85; C96)	2557	253	1.5	2.1	1.9	2.0	3.0	4.2	5.2	6.1	7.7	11.9	17.2	22.0	30.0	37.0	43.9	60.9	9.8	10.3	1.09	98	2	8	C82-85;C96
Multiple myeloma (C88-C90)	741	26	0.0	0.1	0.1	0.1	0.0	0.1	0.5	1.1	1.8	3.7	8.4	10.0	14.9	14.5	15.7	20.2	2.8	3.2	0.37	98	2	17	C88-C90
Lymphoid leukaemia (C91)	489	10	3.9	2.8	1.9	1.3	0.7	0.6	0.4	0.9	0.7	1.1	2.1	2.3	2.9	3.9	7.1	8.5	1.9	2.1	0.17	97	3		C91
Myeloid leukaemia (C92-94)	572	10	0.8	0.5	1.2	1.0	1.0	1.7	1.8	1.6	2.1	2.1	3.3	5.3	4.5	8.9	8.3	10.6	2.2	2.3	0.23	97	3		C92-94
Leukaemia unspecified (C95)	158	4	0.3	0.4	0.3	0.3	0.2	0.4	0.3	0.4	0.3	0.7	0.2	1.4	2.1	1.4	3.6	4.5	0.6	0.6	0.06	90	10		C95
Leukaemia (C91-95)	1219	24	5.0	3.7	3.4	2.6	2.0	2.7	2.5	3.0	3.1	3.9	5.6	9.0	9.5	14.3	19.0	23.6	4.7	5.0	0.45	96	4	14	C91-95
Other and unspecified (O&U)	5202	673	2.3	1.4	2.0	2.0	3.4	3.9	4.8	7.6	12.4	19.8	33.4	54.4	72.8	92.8	112.3	159.4	19.9	21.8	2.44	61	5	3	O&U
All sites but C44 (ALLbC44)	73865	9130	22.6	18.8	15.8	21.2	30.8	42.3	53.3	76.1	131.4	241.4	465.3	757.8	1119.6	1595.3	2002.0	2388.4	283.0	316.9	37.61	88	2		ALLbC44
All sites (ALL)	100433	14194	22.6	18.7	16.5	22.2	32.9	49.5	63.7	108.1	168.9	333.3	564.4	996.4	1368.0	2145.9	2515.9	3772.4	384.8	428.6	49.07	91	2		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, SAO PAULO (2005-2009)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	1824	184	0.7	0.5	0.7	1.1	1.9	2.1	1.8	3.8	4.1	6.7	10.3	12.2	16.9	17.1	25.9	35.1	6.3	5.6	0.59	77	2	12	C00-14
Oesophagus (C15)	742	89	.	.	0.0	0.0	.	0.2	0.3	0.4	0.9	2.1	3.8	6.3	7.9	11.8	13.2	17.9	2.6	2.3	0.27	90	2	19	C15
Stomach (C16)	3123	456	0.0	0.0	0.1	0.2	0.4	1.2	2.5	3.2	6.4	9.2	15.0	19.7	26.9	36.8	51.1	83.3	10.8	9.2	1.01	90	3	7	C16
Colon (C18)	5714	813	.	0.0	.	0.0	0.7	1.4	3.0	5.0	9.6	16.0	24.7	41.1	53.7	74.5	97.2	155.8	19.7	16.9	1.91	90	1		C18
Rectum (C19-20)	3519	464	.	.	.	0.1	0.7	0.9	2.0	3.3	5.7	10.6	21.6	26.3	35.4	45.3	58.3	84.6	12.1	10.6	1.21	91	1		C19-20
Colorectal (C18-20)	9233	1277	.	0.0	.	0.2	1.4	2.3	5.0	8.3	15.3	26.6	46.3	67.4	89.1	119.8	155.5	240.4	31.9	27.5	3.12	90	1	2	C18-20
Anus (C21)	421	54	0.0	.	.	.	0.1	0.2	0.2	0.4	1.1	2.0	2.4	4.2	3.7	5.3	5.7	8.5	1.5	1.3	0.14	85	0	22	C21
Colon, rectum and anus (C18-21)	9654	1331	0.0	0.0	.	0.2	1.5	2.4	5.2	8.7	16.4	28.6	48.7	71.6	92.8	125.1	161.2	248.9	33.3	28.8	3.26	90	1		C18-21
Liver (C22)	312	27	0.2	0.0	0.1	0.0	0.2	0.2	0.2	0.4	0.9	1.2	1.5	2.5	3.5	4.8	5.2	5.4	1.1	1.0	0.11	90	9	24	C22
Gallbladder (C23-24)	622	59	.	.	.	0.0	0.1	0.2	0.3	0.3	0.7	1.8	3.2	5.7	7.6	10.7	10.7	14.7	2.1	1.9	0.23	83	5	21	C23-24
Pancreas (C25)	1126	109	.	.	0.0	.	0.3	0.5	0.4	0.5	1.3	3.1	4.7	9.0	14.6	14.9	23.1	30.2	3.9	3.4	0.40	70	8	15	C25
Nose, sinuses (C30-31)	126	8	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.4	0.8	1.0	0.3	0.6	1.4	3.2	0.4	0.4	0.03	68	1	25	C30-31
Larynx (C32)	405	39	.	.	0.0	.	0.2	0.2	0.1	0.3	0.9	1.6	3.2	5.2	5.7	4.4	5.8	5.6	1.4	1.3	0.15	83	3	23	C32
Lung, trachea and bronchus (C33-34)	3334	359	.	.	.	.	0.3	0.5	1.6	2.2	5.3	12.9	19.9	27.0	37.4	52.0	62.1	70.5	11.5	10.3	1.24	84	5	6	C33-34
Melanoma of skin (C43)	1854	612	0.2	0.1	0.0	0.3	0.7	1.8	2.6	3.4	5.6	5.9	7.3	9.6	10.6	16.1	15.7	23.5	6.4	5.6	0.60	100	0	11	C43
Mesothelioma (C45)	27	1	.	.	.	.	.	.	0.0	.	.	0.1	0.1	0.5	0.2	0.6	0.3	0.7	0.1	0.1	0.01	100	0	27	C45
Kaposi sarcoma (C46)	53	11	.	.	0.0	.	0.0	0.1	.	0.1	0.1	0.1	0.1	0.2	0.5	0.1	0.3	2.2	0.2	0.1	0.01	100	0	26	C46
Breast (C50)	26295	2718	.	0.1	0.1	0.9	4.7	11.1	27.3	59.7	108.7	166.7	196.5	232.7	245.2	275.6	289.8	334.8	90.8	81.2	9.03	91	1	1	C50
Cervix uteri (C53)	4382	407	.	.	.	0.7	3.1	7.9	12.8	15.8	20.9	24.7	27.4	32.0	34.1	41.2	37.0	37.6	15.1	13.4	1.42	87	1	5	C53
Corpus uteri (C54)	2745	312	.	.	.	0.1	0.3	0.7	1.4	2.6	5.9	8.3	14.2	28.3	33.1	45.0	51.6	45.3	9.5	8.6	1.08	89	0	8	C54
Ovary (C56)	2342	207	0.0	0.3	0.4	0.9	1.0	1.9	3.0	4.0	8.1	13.0	17.4	22.0	24.1	29.6	25.2	26.6	8.1	7.4	0.83	81	2	10	C56
Kidney (C64)	1014	140	1.7	0.8	0.2	0.3	0.2	0.6	0.7	1.1	2.2	3.5	5.5	7.8	10.6	11.2	14.0	17.2	3.5	3.3	0.35	85	3	17	C64
Bladder (C67)	1517	170	0.1	0.0	0.1	0.1	0.3	0.3	1.1	1.1	2.1	3.7	6.3	11.0	12.1	23.4	27.0	45.6	5.2	4.5	0.50	85	1	13	C67
Brain, CNS (C70-72)	1018	108	2.4	2.2	1.0	0.8	1.3	1.1	1.9	2.5	2.7	4.2	4.0	8.2	7.4	9.1	8.6	10.5	3.5	3.4	0.32	61	4	16	C70-72
Thyroid (C73)	8018	572	.	0.3	1.5	3.7	10.8	20.5	32.4	40.5	45.1	54.4	58.9	56.1	41.5	43.8	33.3	22.0	27.7	24.3	2.38	88	0	3	C73
Hodgkin disease (C81)	647	60	0.1	0.4	1.1	2.2	3.4	3.6	2.9	2.1	1.5	1.7	2.2	1.8	2.2	1.9	2.5	2.3	2.2	2.0	0.16	99	1	20	C81
Non-Hodgkin lymphoma (C82-85; C96)	2606	275	0.5	1.0	1.2	1.7	2.2	2.9	3.4	4.8	5.7	8.6	12.5	17.2	23.3	30.9	42.0	48.3	9.0	8.0	0.88	98	2	9	C82-85;C96
Multiple myeloma (C88-C90)	813	24	.	0.0	0.0	0.0	0.0	0.4	0.6	0.8	1.6	3.2	6.3	8.2	10.6	13.9	14.8	14.5	2.8	2.6	0.31	97	3	18	C88-C90
Lymphoid leukaemia (C91)	427	7	2.6	2.1	1.6	0.8	0.3	0.5	0.5	0.4	0.7	0.6	1.5	2.1	2.6	3.3	4.9	6.7	1.5	1.6	0.12	97	3		C91
Myeloid leukaemia (C92-94)	617	14	0.9	0.7	0.8	0.8	1.1	1.6	1.1	1.6	1.9	2.3	3.7	3.8	4.0	4.6	6.0	9.8	2.1	1.9	0.18	97	3		C92-94
Leukaemia unspecified (C95)	151	4	0.5	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.7	0.9	1.4	0.8	4.0	0.5	0.5	0.04	88	12		C95
Leukaemia (C91-95)	1195	25	4.0	3.1	2.7	2.0	1.7	2.3	1.8	2.3	2.9	3.2	5.4	6.7	7.4	9.4	11.6	20.5	4.1	4.0	0.34	96	4	14	C91-95
Other and unspecified (O&U)	6394	892	2.1	2.1	2.2	2.1	4.1	5.9	8.1	11.2	15.2	22.6	33.4	48.4	54.5	67.2	80.0	117.5	22.1	19.6	2.09	64	4	4	O&U
All sites but C44 (ALLbC44)	86311	9767	16.6	13.9	14.6	20.6	43.7	75.0	119.5	179.7	277.1	406.9	528.2	675.8	761.6	937.0	1059.4	1344.1	297.9	285.1	28.92	86	2		ALLbC44
All sites (ALL)	115584	15372	16.6	16.4	15.3	22.0	45.8	81.6	132.5	211.4	315.1	492.1	616.1	876.1	928.0	1331.8	1413.0	2273.7	398.9	349.4	37.56	90	1		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

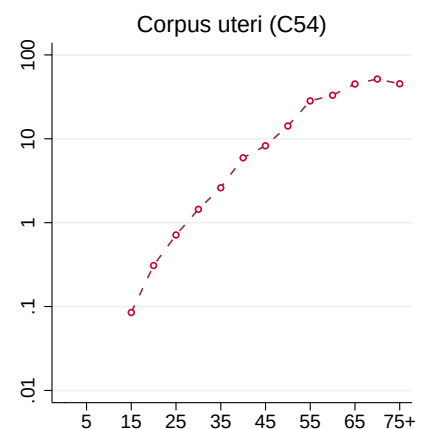
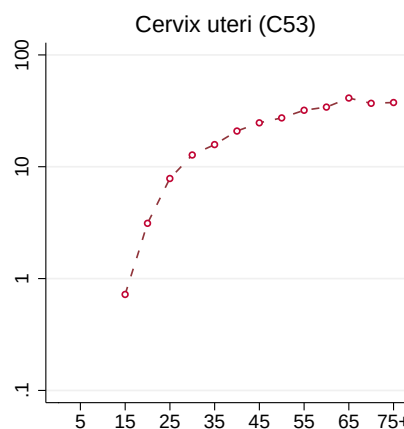
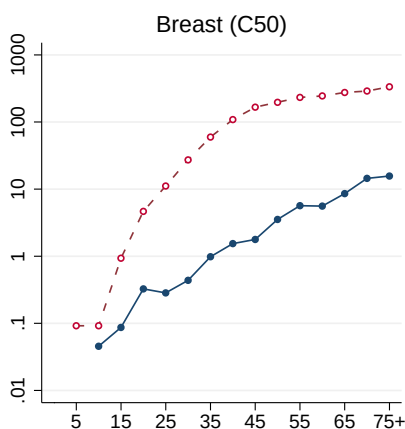
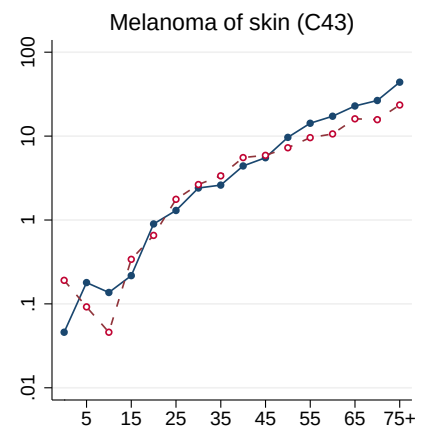
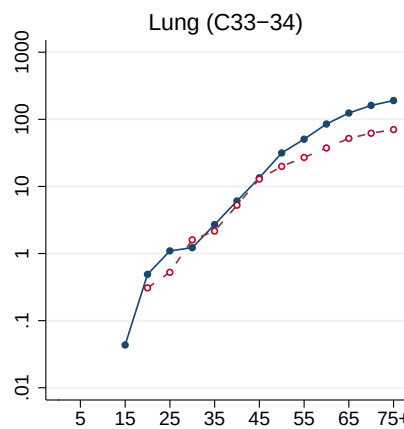
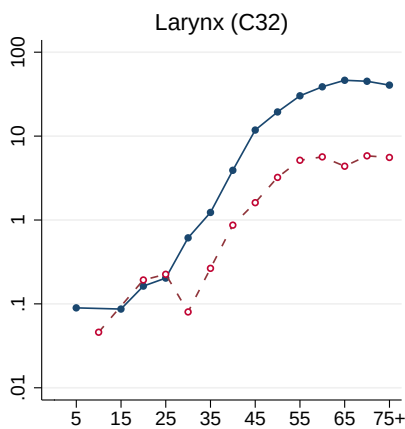
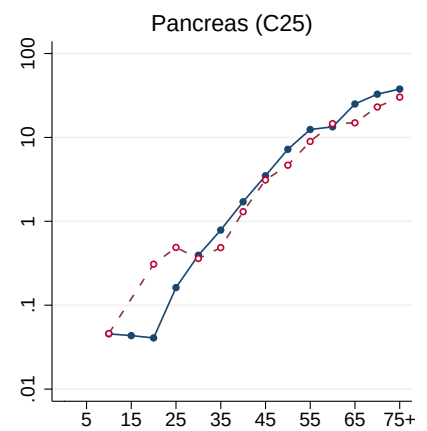
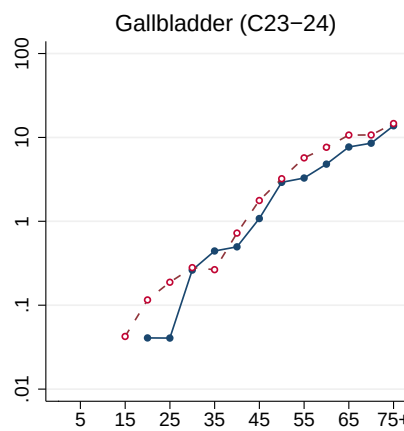
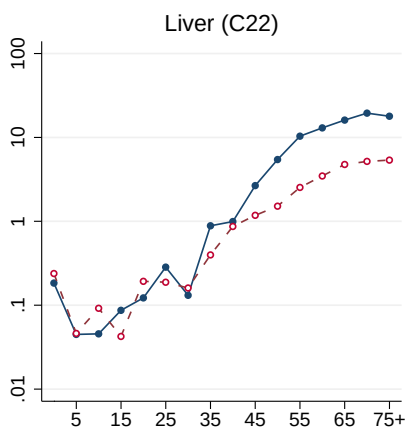
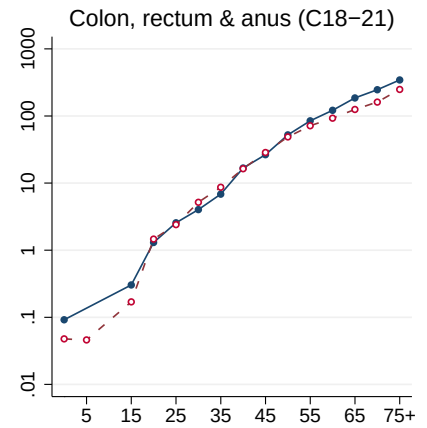
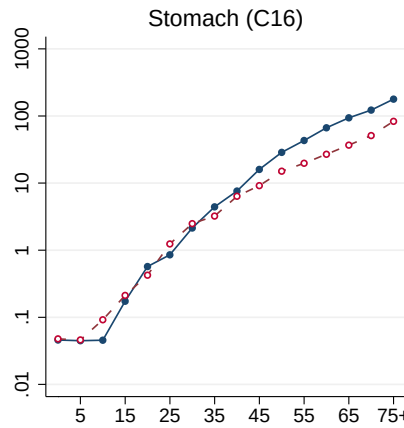
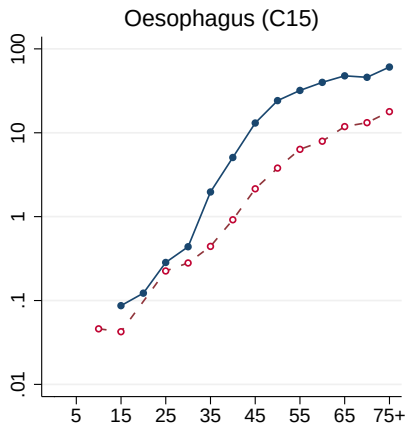
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

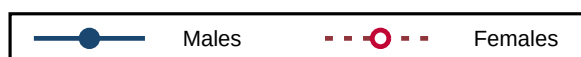
BRAZIL, SAO PAULO (2005–2009)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



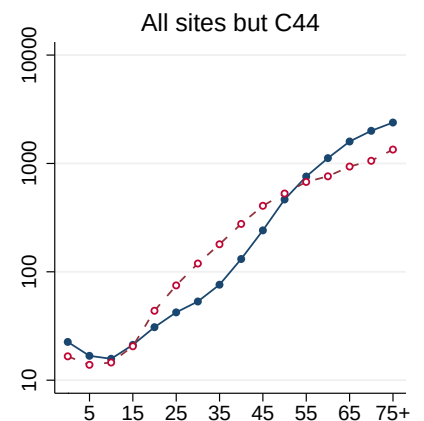
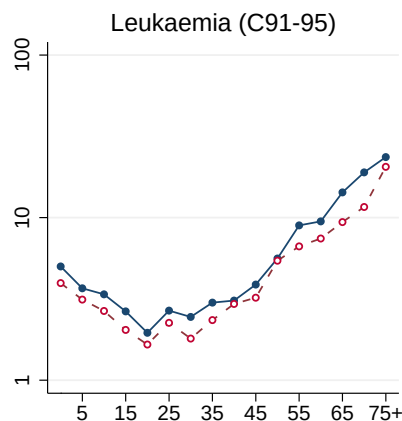
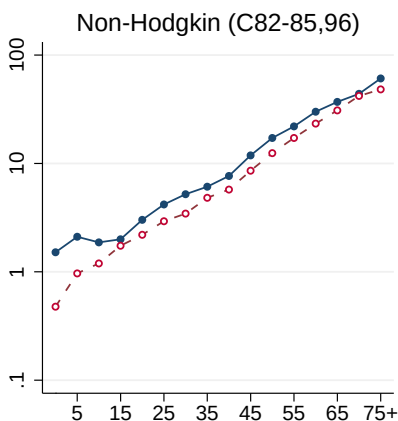
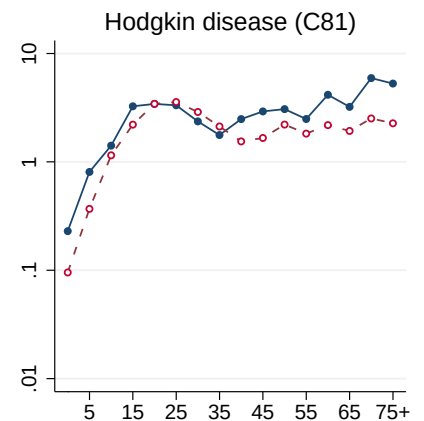
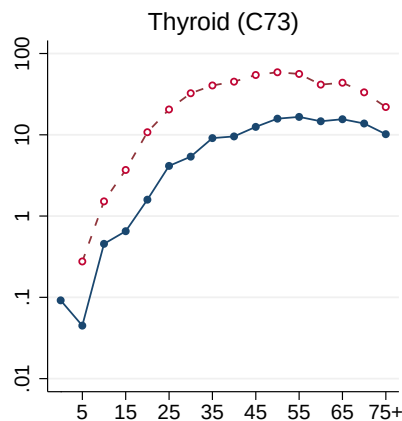
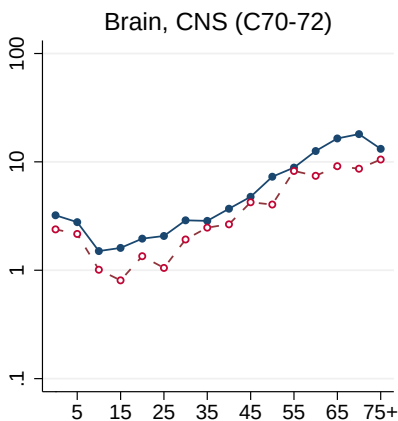
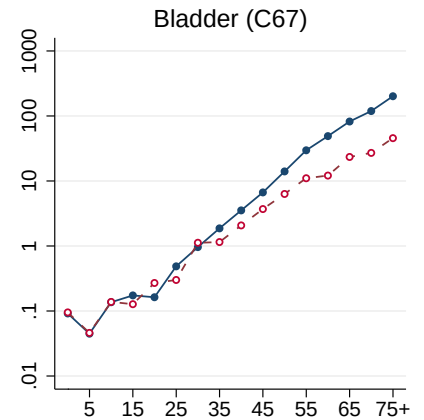
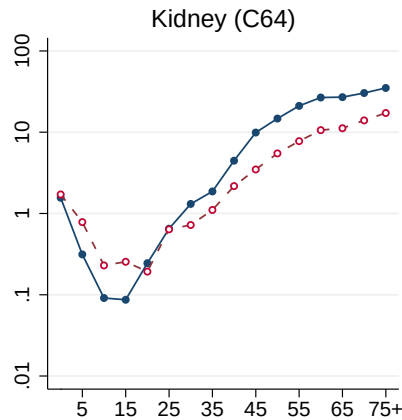
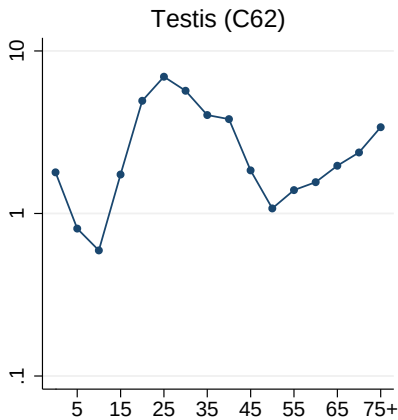
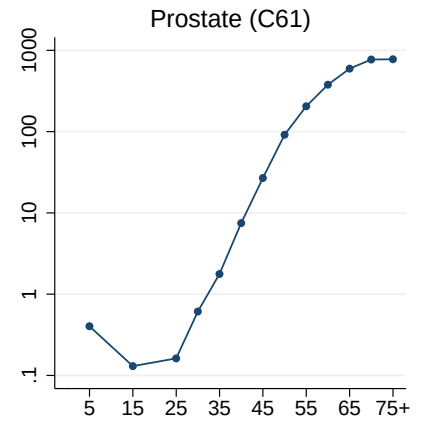
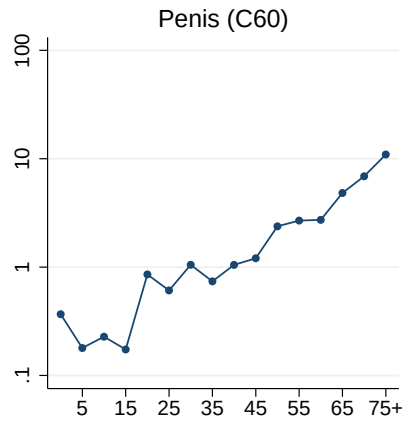
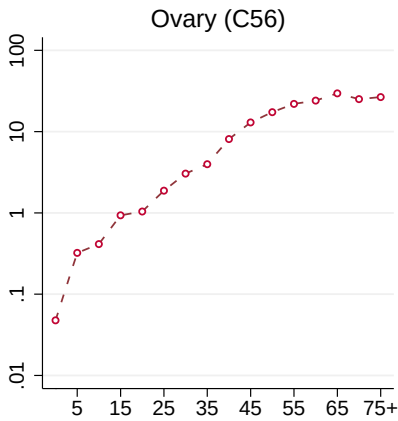
Age in Years



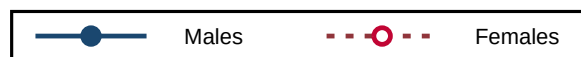
BRAZIL, SAO PAULO (2005-2009)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



Age in Years

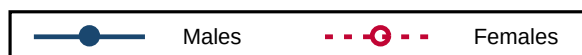
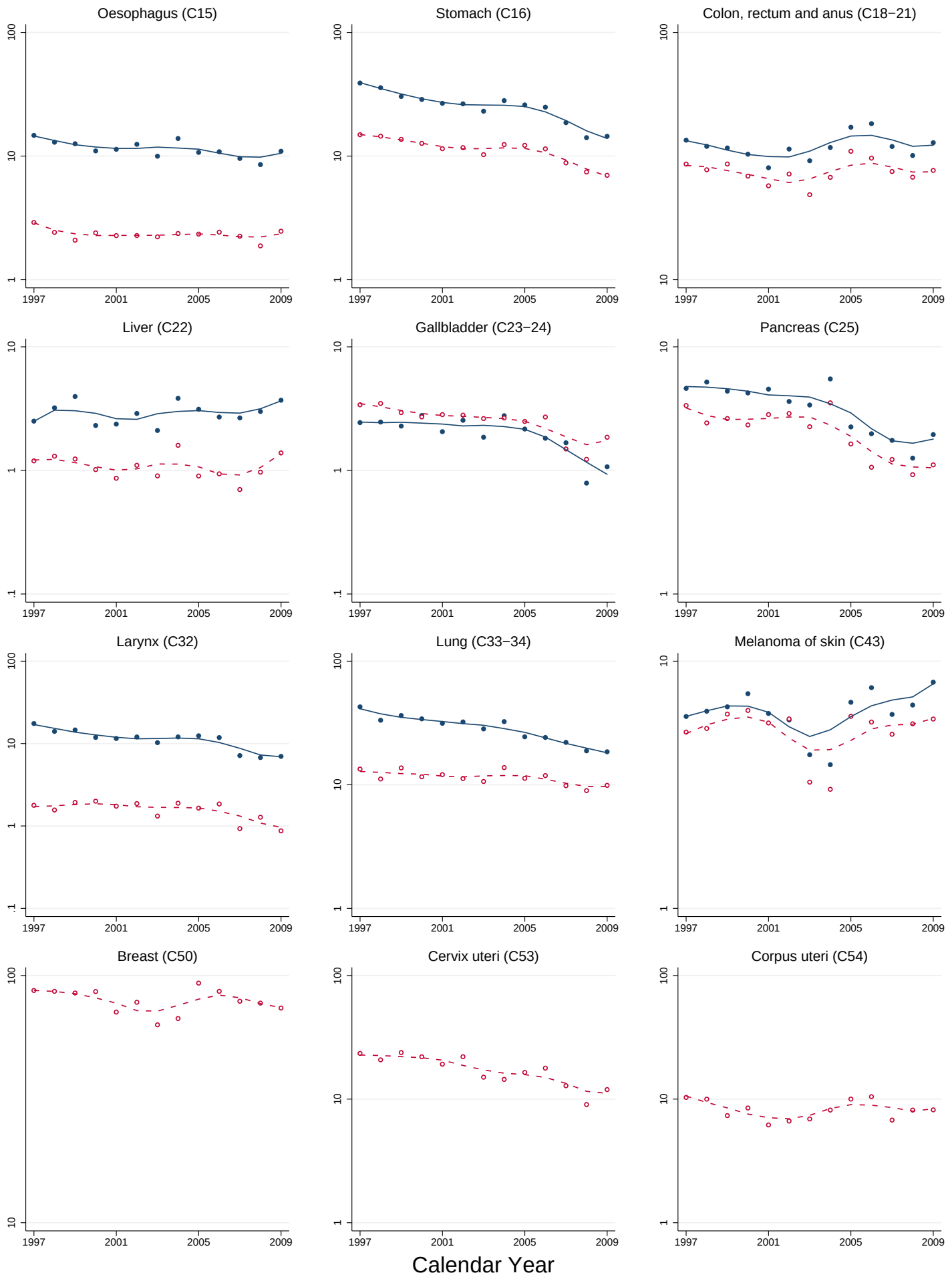


BRAZIL, SAO PAULO (1997–2009)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

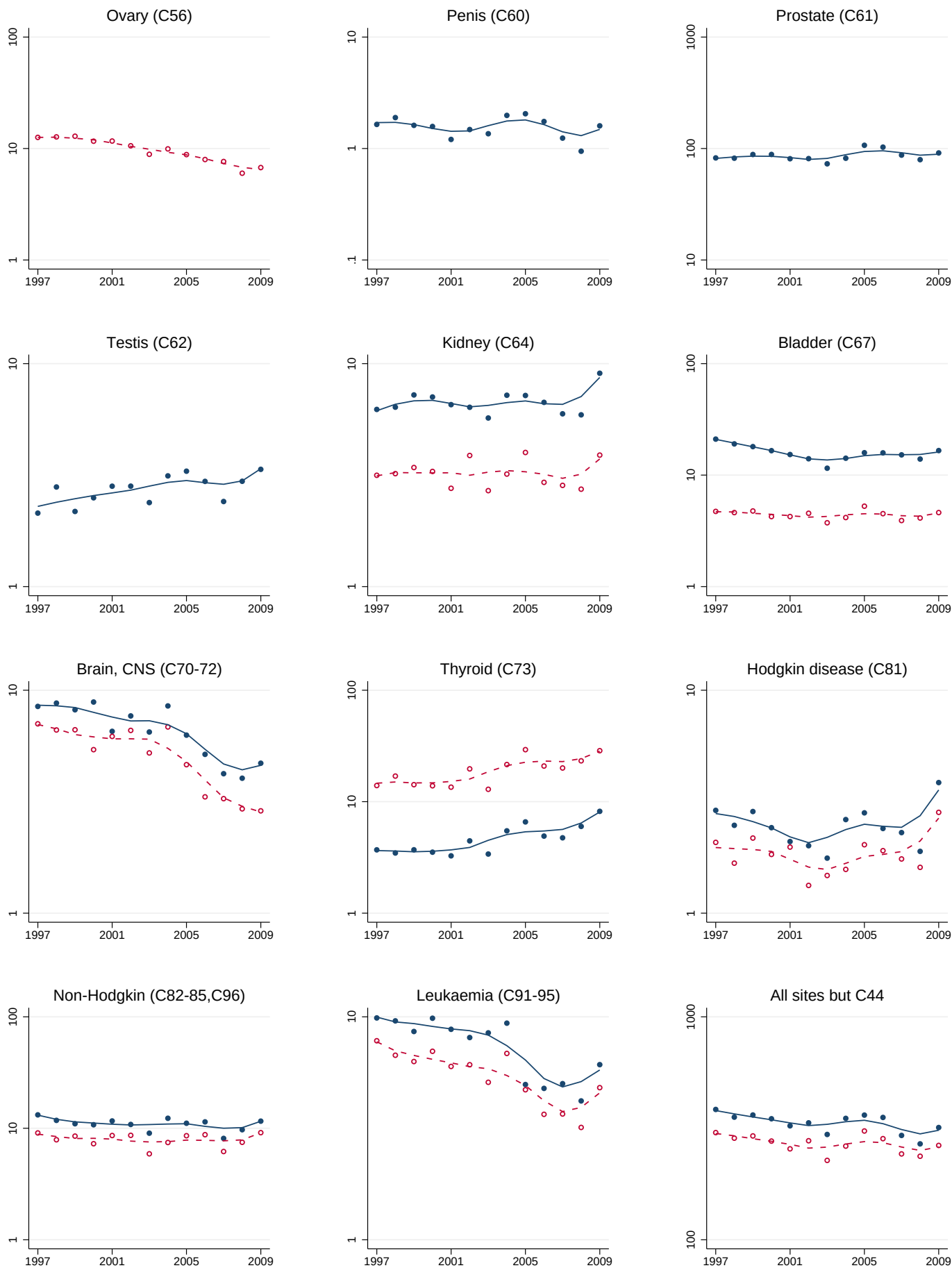


BRAZIL, SAO PAULO (1997-2009)

Age standardized incidence rate (World Population) per 100,000 per calendar year

Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend

Age standardized incidence rate (log scale) per 100,000 person-years

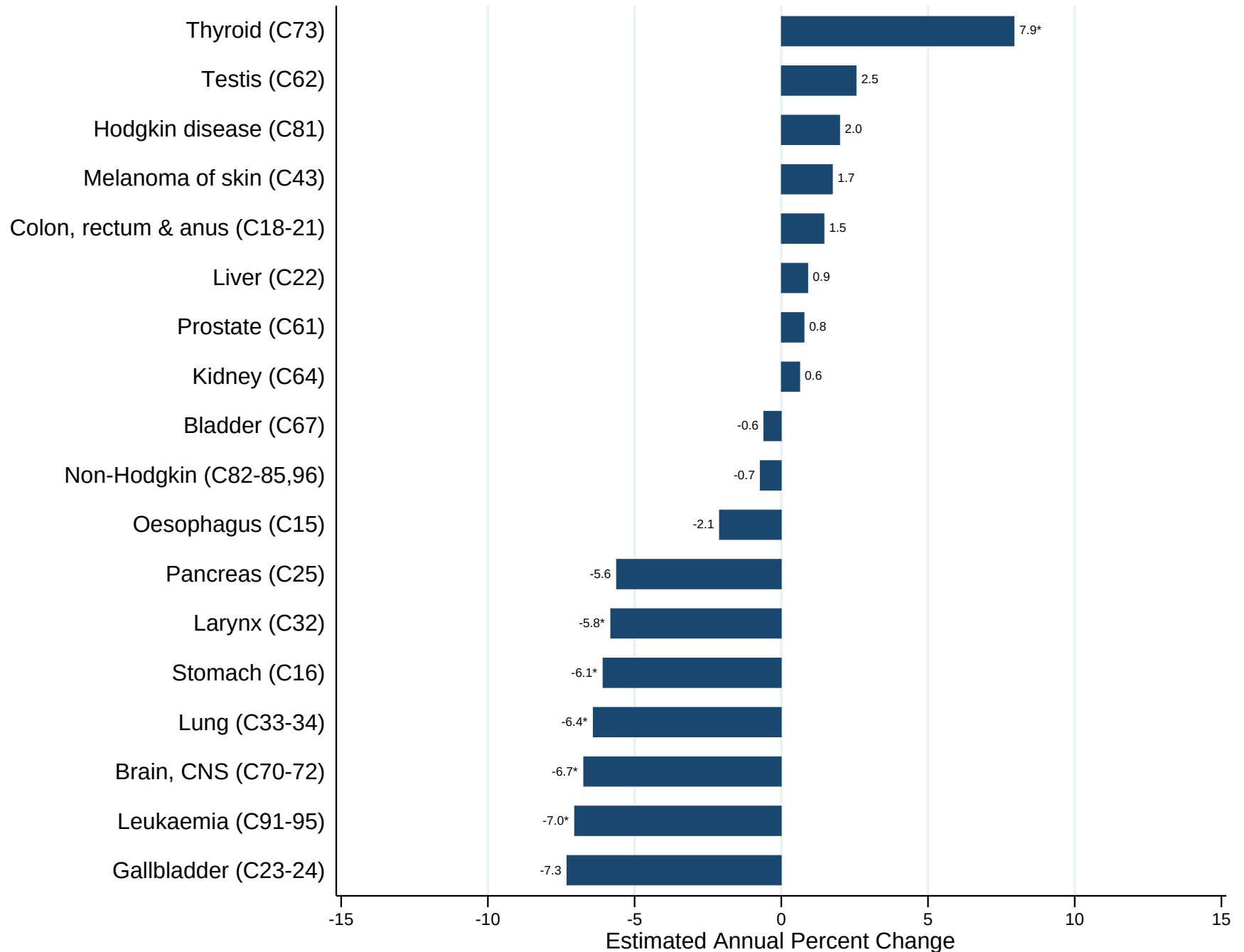


Calendar Year



BRAZIL, SAO PAULO (1999-2009)

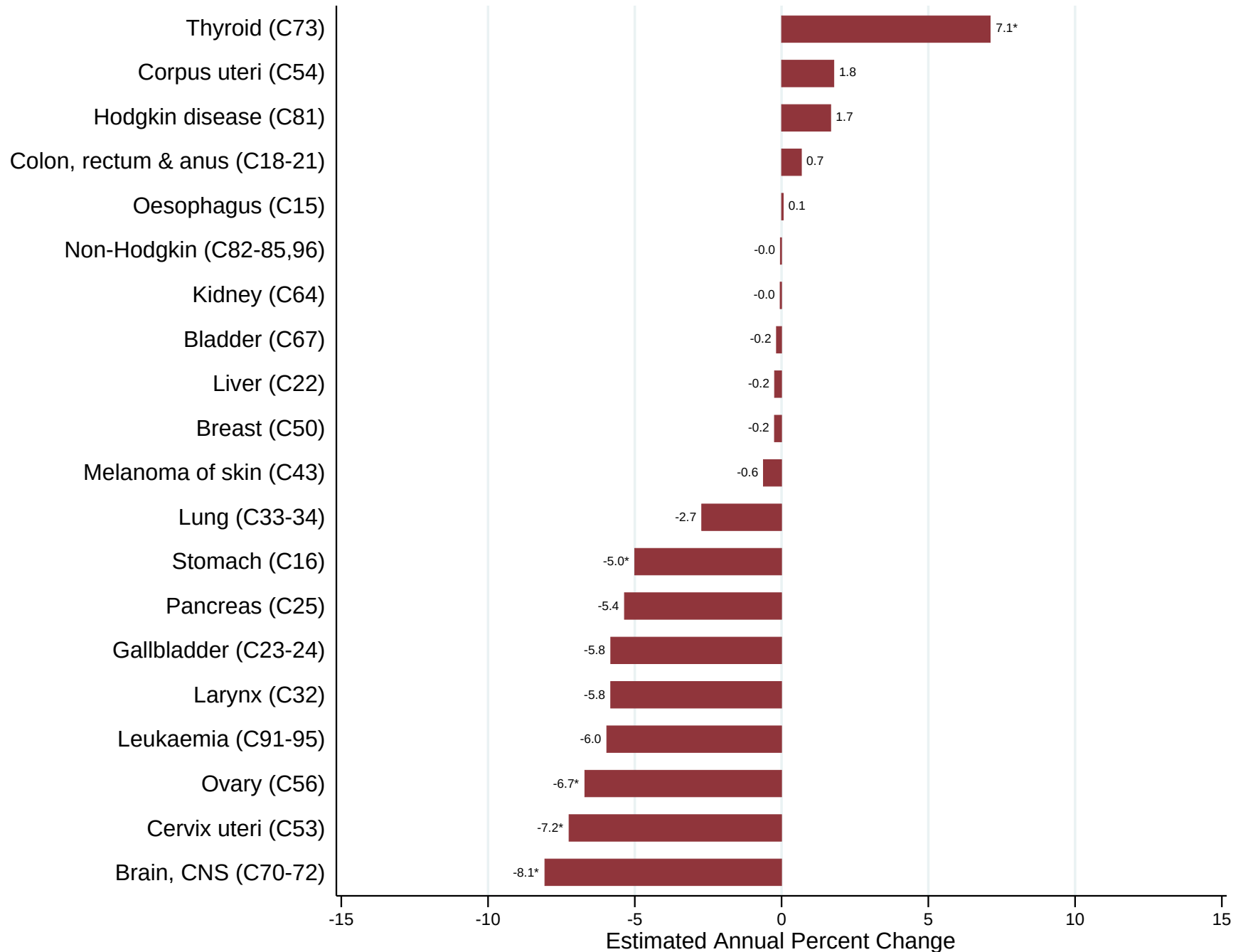
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



* The estimated annual percent change is statistically different from zero ($p \leq 0.05$)

BRAZIL, SAO PAULO (1999-2009)

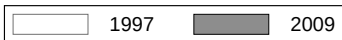
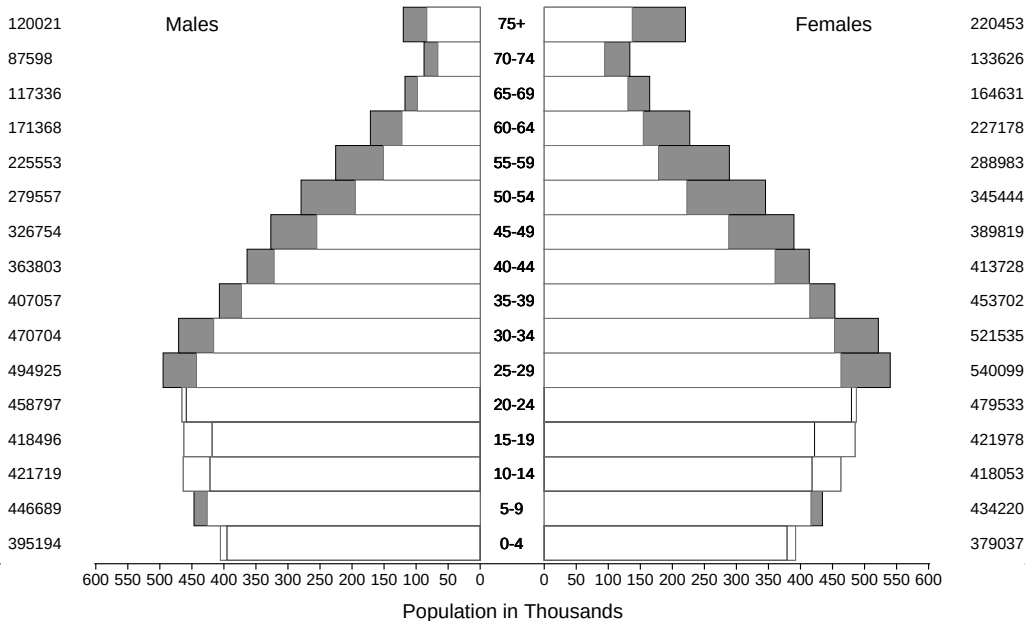
Estimated Annual Percent Change in Incidence
by Cancer Site in Females, all ages



* The estimated annual percent change is statistically different from zero ($p \leq .05$)

BRAZIL, SAO PAULO (1997-2009)

Average annual person-years



Registry Summary Tables and Figures

BRAZIL, TERESINA (2000–2002)

Registry Director*: Dr Maria Amélia de Oliveira Costa

Registry Staff*: Kenny de Lobão Coutinho Borges, Maria Teresa da Silva Ferreira

*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

BRAZIL, TERESINA (2000-2002)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR			TOTAL n (%)
	2000 n (%)	2001 n (%)	2002 n (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	23 (6.5)	17 (5.4)	22 (6.6)	62 (6.2)
Digestive organs (C15-C26)	67 (19.0)	61 (19.2)	55 (16.5)	183 (18.2)
Respiratory organs (C30-C39)	56 (15.9)	52 (16.4)	56 (16.8)	164 (16.4)
Bone, cartilage, and skin (C40-C44)	36 (10.2)	36 (11.4)	40 (12.0)	112 (11.2)
Breast (C50)	0 (0.0)	4 (1.3)	0 (0.0)	4 (0.4)
Male genitalia (C60-C63)	80 (22.7)	66 (20.8)	78 (23.4)	224 (22.3)
Urinary organs (C64-C68)	10 (2.8)	9 (2.8)	11 (3.3)	30 (3.0)
Eye, brain, and thyroid (C69-C75)	21 (6.0)	18 (5.7)	22 (6.6)	61 (6.1)
Hematopoietic (C81-C96)	36 (10.2)	27 (8.5)	34 (10.2)	97 (9.7)
Other and unspecified	23 (6.5)	27 (8.5)	16 (4.8)	66 (6.6)
All sites	352 (100.0)	317 (100.0)	334 (100.0)	1003 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	10 (2.0)	9 (1.9)	13 (2.8)	32 (2.2)
Digestive organs (C15-C26)	61 (12.2)	58 (12.3)	74 (15.7)	193 (13.3)
Respiratory organs (C30-C39)	21 (4.2)	14 (3.0)	15 (3.2)	50 (3.5)
Bone, cartilage, and skin (C40-C44)	47 (9.4)	41 (8.7)	51 (10.8)	139 (9.6)
Breast (C50)	123 (24.5)	133 (28.1)	121 (25.6)	377 (26.1)
Female genitalia (C51-C58)	151 (30.1)	138 (29.2)	118 (25.0)	407 (28.1)
Urinary organs (C64-C68)	6 (1.2)	9 (1.9)	8 (1.7)	23 (1.6)
Eye, brain, and thyroid (C69-C75)	23 (4.6)	21 (4.4)	31 (6.6)	75 (5.2)
Hematopoietic (C81-C96)	38 (7.6)	26 (5.5)	27 (5.7)	91 (6.3)
Other and unspecified	22 (4.4)	24 (5.1)	14 (3.0)	60 (4.1)
All sites	502 (100.0)	473 (100.0)	472 (100.0)	1447 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	33 (3.9)	26 (3.3)	35 (4.3)	94 (3.8)
Digestive organs (C15-C26)	128 (15.0)	119 (15.1)	129 (16.0)	376 (15.3)
Respiratory organs (C30-C39)	77 (9.0)	66 (8.4)	71 (8.8)	214 (8.7)
Bone, cartilage, and skin (C40-C44)	83 (9.7)	77 (9.7)	91 (11.3)	251 (10.2)
Urinary organs (C64-C68)	16 (1.9)	18 (2.3)	19 (2.4)	53 (2.2)
Eye, brain, and thyroid (C69-C75)	44 (5.2)	39 (4.9)	53 (6.6)	136 (5.6)
Hematopoietic (C81-C96)	74 (8.7)	53 (6.7)	61 (7.6)	188 (7.7)
Other and unspecified	45 (5.3)	51 (6.5)	30 (3.7)	126 (5.1)
All sites	854 (100.0)	790 (100.0)	806 (100.0)	2450 (100.0)

BRAZIL, TERESINA (2000-2002)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR			TOTAL ASR (%)
	2000 ASR (%)	2001 ASR (%)	2002 ASR (%)	
MALES				
Lip, oral cavity, and pharynx (C00-C14)	11.3 (6.7)	8.9 (5.9)	10.4 (6.5)	10.2 (6.4)
Digestive organs (C15-C26)	34.0 (20.1)	30.1 (19.8)	28.1 (17.5)	30.7 (19.2)
Respiratory organs (C30-C39)	28.6 (16.9)	26.3 (17.3)	29.2 (18.2)	28.1 (17.5)
Bone, cartilage, and skin (C40-C44)	17.4 (10.3)	17.4 (11.5)	18.9 (11.8)	17.9 (11.2)
Breast (C50)	0 (0.0)	1.7 (1.1)	0 (0.0)	0.6 (0.4)
Male genitalia (C60-C63)	42.3 (25.0)	34.0 (22.4)	39.2 (24.5)	38.5 (24.0)
Urinary organs (C64-C68)	4.3 (2.5)	4.6 (3.1)	4.8 (3.0)	4.6 (2.9)
Eye, brain, and thyroid (C69-C75)	7.5 (4.4)	6.0 (4.0)	7.8 (4.8)	7.1 (4.4)
Hematopoietic (C81-C96)	12.6 (7.5)	10.4 (6.8)	14.4 (9.0)	12.5 (7.8)
Other and unspecified	11.0 (6.5)	12.2 (8.0)	7.4 (4.6)	10.2 (6.4)
All sites	169.1 (100.0)	151.8 (100.0)	160.2 (100.0)	160.3 (100.0)
FEMALES				
Lip, oral cavity, and pharynx (C00-C14)	3.6 (2.1)	3.3 (2.1)	4.4 (2.8)	3.8 (2.3)
Digestive organs (C15-C26)	23.1 (13.3)	20.1 (12.5)	25.7 (16.3)	23.0 (14.0)
Respiratory organs (C30-C39)	7.6 (4.4)	5.2 (3.2)	5.4 (3.4)	6.1 (3.7)
Bone, cartilage, and skin (C40-C44)	16.8 (9.7)	14.4 (8.9)	18.0 (11.4)	16.4 (10.0)
Breast (C50)	41.2 (23.7)	45.0 (28.0)	40.0 (25.3)	42.1 (25.6)
Female genitalia (C51-C58)	51.6 (29.8)	47.6 (29.6)	38.7 (24.5)	45.9 (28.0)
Urinary organs (C64-C68)	2.5 (1.5)	3.0 (1.9)	2.6 (1.7)	2.7 (1.7)
Eye, brain, and thyroid (C69-C75)	7.6 (4.4)	6.1 (3.8)	9.6 (6.1)	7.8 (4.7)
Hematopoietic (C81-C96)	12.2 (7.0)	9.2 (5.7)	8.4 (5.3)	9.9 (6.1)
Other and unspecified	7.2 (4.2)	6.9 (4.3)	5.0 (3.2)	6.4 (3.9)
All sites	173.5 (100.0)	160.9 (100.0)	158.0 (100.0)	164.0 (100.0)
BOTH SEXES				
Lip, oral cavity, and pharynx (C00-C14)	7.0 (4.1)	5.8 (3.7)	7.2 (4.5)	6.6 (4.1)
Digestive organs (C15-C26)	27.6 (16.3)	24.5 (15.7)	26.8 (16.9)	26.3 (16.3)
Respiratory organs (C30-C39)	16.7 (9.8)	14.3 (9.2)	15.7 (9.9)	15.5 (9.7)
Bone, cartilage, and skin (C40-C44)	17.0 (10.0)	15.7 (10.1)	18.4 (11.7)	17.0 (10.6)
Urinary organs (C64-C68)	3.3 (2.0)	3.7 (2.4)	3.6 (2.3)	3.5 (2.2)
Eye, brain, and thyroid (C69-C75)	7.5 (4.4)	6.1 (3.9)	8.8 (5.6)	7.5 (4.6)
Hematopoietic (C81-C96)	12.4 (7.3)	9.8 (6.3)	11.1 (7.0)	11.1 (6.9)
Other and unspecified	8.8 (5.2)	9.2 (5.9)	6.2 (3.9)	8.0 (5.0)
All sites	169.8 (100.0)	155.5 (100.0)	158.1 (100.0)	161.1 (100.0)

BRAZIL, TERESINA (2000-2002)
Incidence per 100,000 by Age Group (years)
Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	62	0	.	.	.	.	.	.	.	1.4	3.4	23.2	13.9	73.0	40.9	57.7	38.7	37.6	6.1	10.2	1.26	89	6	3	C00-14
Oesophagus (C15)	26	0	.	.	.	.	.	.	.	.	.	10.5	11.1	12.2	20.5	7.2	29.0	45.1	2.5	4.2	0.45	65	35	11	C15
Stomach (C16)	46	0	.	.	.	.	.	.	.	.	3.4	4.2	2.8	36.5	40.9	57.7	58.0	75.2	4.5	8.1	1.02	52	46	6	C16
Colon (C18)	30	0	.	.	.	.	.	.	1.3	1.4	.	6.3	5.6	8.1	25.6	21.6	58.0	52.6	2.9	5.0	0.64	50	23		C18
Rectum (C19-20)	24	0	.	.	.	0.8	.	1.2	2.6	1.4	1.7	4.2	2.8	8.1	5.1	28.8	38.7	30.1	2.3	3.7	0.48	79	8		C19-20
Colorectal (C18-20)	54	0	.	.	.	0.8	.	1.2	4.0	2.9	1.7	10.5	8.3	16.2	30.7	50.5	96.7	82.7	5.3	8.7	1.12	63	17	5	C18-20
Anus (C21)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	5.1	.	.	.	0.1	0.2	0.03	100	0	25	C21
Colon, rectum and anus (C18-21)	55	0	.	.	.	0.8	.	1.2	4.0	2.9	1.7	10.5	8.3	16.2	35.8	50.5	96.7	82.7	5.4	8.9	1.14	64	16		C18-21
Liver (C22)	27	0	0.9	.	.	.	.	1.2	.	.	1.7	2.1	11.1	8.1	25.6	21.6	29.0	45.1	2.6	4.5	0.51	37	59	10	C22
Gallbladder (C23-24)	5	0	.	.	.	.	.	.	.	.	.	.	2.8	4.1	.	7.2	.	15.0	0.5	0.8	0.07	60	40	21	C23-24
Pancreas (C25)	15	0	.	.	.	.	.	.	.	.	.	4.2	2.8	8.1	5.1	21.6	29.0	22.6	1.5	2.6	0.35	33	67	14	C25
Nose, sinuses (C30-31)	4	0	.	.	.	.	.	.	.	1.4	1.7	2.1	.	.	.	.	.	7.5	0.4	0.5	0.03	75	0	24	C30-31
Larynx (C32)	30	0	.	.	.	.	.	.	.	.	1.7	8.4	5.6	20.3	35.8	50.5	9.7	22.6	2.9	5.3	0.66	80	13	8	C32
Lung, trachea and bronchus (C33-34)	125	0	.	.	.	.	.	1.2	.	1.4	8.5	16.9	30.5	56.7	133.0	93.8	232.1	165.4	12.2	21.6	2.87	74	22	2	C33-34
Melanoma of skin (C43)	11	0	.	.	.	.	.	.	1.3	1.4	1.7	2.1	2.8	4.1	.	7.2	19.3	15.0	1.1	1.6	0.20	36	18	18	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	2.8	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	1.3	.	.	.	.	.	.	.	.	.	0.1	0.1	0.01	100	0	27	C46
Breast (C50)	4	0	.	.	.	.	.	.	.	.	.	.	5.6	.	.	.	.	15.0	0.4	0.6	0.03	75	0	23	C50
Penis (C60)	13	0	.	.	.	.	.	.	.	.	3.4	2.1	2.8	12.2	5.1	7.2	9.7	22.6	1.3	2.0	0.21	85	0	15	C60
Prostate (C61)	203	0	.	.	.	.	.	1.2	.	.	.	.	19.4	68.9	97.2	223.6	444.9	616.5	19.8	35.6	4.28	74	19	1	C61
Testis (C62)	8	0	1.9	.	.	.	0.9	1.2	1.3	.	1.7	2.1	.	.	.	.	.	7.5	0.8	0.8	0.05	63	0	20	C62
Kidney (C64)	14	0	3.7	.	0.8	.	.	.	.	2.9	.	4.2	.	4.1	10.2	7.2	9.7	.	1.4	1.9	0.21	50	14	16	C64
Bladder (C67)	16	0	.	.	.	.	.	.	.	.	1.7	4.2	.	8.1	15.4	7.2	19.3	37.6	1.6	2.6	0.28	81	6	13	C67
Brain, CNS (C70-72)	47	0	.	2.9	4.1	3.2	2.7	2.3	1.3	10.1	1.7	12.6	11.1	12.2	5.1	21.6	9.7	22.6	4.6	5.4	0.50	36	53	7	C70-72
Thyroid (C73)	5	0	.	.	.	.	.	.	.	1.4	1.7	.	2.8	.	.	.	.	15.0	0.5	0.6	0.03	80	20	22	C73
Hodgkin disease (C81)	14	0	.	1.0	1.6	1.6	.	1.2	.	1.4	1.7	2.1	8.3	4.1	.	.	9.7	.	1.4	1.6	0.16	86	0	19	C81
Non-Hodgkin lymphoma (C82-85;C96)	29	0	1.9	1.0	0.8	0.8	0.9	1.2	2.6	2.9	3.4	2.1	2.8	4.1	30.7	7.2	38.7	15.0	2.8	4.1	0.50	83	10	12	C82-85;C96
Multiple myeloma (C88-C90)	11	0	.	.	.	.	.	.	.	2.9	1.7	.	5.6	8.1	10.2	7.2	9.7	.	1.1	1.7	0.23	73	9	17	C88-C90
Lymphoid leukaemia (C91)	18	0	2.8	3.9	0.8	2.4	1.8	.	.	.	1.7	.	.	.	5.1	7.2	.	15.0	1.8	2.0	0.13	100	0		C91
Myeloid leukaemia (C92-94)	24	0	2.8	1.0	2.5	.	0.9	.	2.6	2.9	1.7	4.2	2.8	8.1	10.2	7.2	9.7	15.0	2.3	3.0	0.28	67	33		C92-94
Leukaemia unspecified (C95)	1	0	.	.	.	.	.	.	.	.	.	.	2.8	.	.	.	.	.	0.1	0.1	0.01	0	100		C95
Leukaemia (C91-95)	43	0	5.6	4.8	3.3	2.4	2.7	.	2.6	2.9	3.4	4.2	5.6	8.1	15.4	14.4	9.7	30.1	4.2	5.1	0.43	79	21	9	C91-95
Other and unspecified (O&U)	55	0	0.9	1.0	.	0.8	.	.	1.3	1.4	1.7	14.7	16.7	24.3	46.1	57.7	48.4	60.1	5.4	9.0	1.07	36	56	4	O&U
All sites but C44 (ALLbC44)	915	0	17.7	11.6	12.3	12.7	11.8	11.7	17.2	40.5	47.6	141.1	183.2	405.3	598.7	750.0	1170.3	1398.4	89.4	145.4	17.16	67	25		ALLbC44
All sites (ALL)	1003	0	17.7	11.6	12.3	12.7	12.7	15.1	21.2	40.5	52.7	145.3	199.8	425.6	675.5	843.8	1325.1	1556.3	98.0	160.3	19.06	68	23		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL, TERESINA (2000-2002)
Incidence per 100,000 by Age Group (years)
Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	32	0	.	.	.	.	.	1.0	1.1	.	1.4	5.3	2.4	16.9	20.5	.	26.9	54.0	2.8	3.8	0.38	84	3	8	C00-14
Oesophagus (C15)	7	0	.	.	.	.	.	.	.	.	.	.	.	6.8	4.1	5.3	6.7	9.8	0.6	0.9	0.11	71	14	20	C15
Stomach (C16)	27	0	.	.	.	.	.	.	.	1.2	2.8	8.9	4.8	10.2	8.2	10.5	26.9	29.4	2.3	3.2	0.37	59	37	13	C16
Colon (C18)	47	1	.	.	.	.	.	1.0	5.3	7.0	4.2	5.3	9.7	13.5	12.3	15.8	33.6	44.2	4.0	5.0	0.55	64	15		C18
Rectum (C19-20)	19	0	.	.	.	.	.	.	.	.	.	7.1	2.4	3.4	12.3	21.1	13.4	19.6	1.6	2.5	0.30	74	16		C19-20
Colorectal (C18-20)	66	1	.	.	.	.	.	1.0	5.3	7.0	4.2	12.5	12.1	16.9	24.6	36.9	47.0	63.8	5.7	7.5	0.85	67	15	3	C18-20
Anus (C21)	8	0	1.0	.	.	.	.	.	.	.	.	.	2.4	3.4	.	15.8	.	9.8	0.7	1.0	0.11	100	0	19	C21
Colon, rectum and anus (C18-21)	74	1	1.0	.	.	.	.	1.0	5.3	7.0	4.2	12.5	14.5	20.3	24.6	52.7	47.0	73.6	6.4	8.6	0.96	70	14		C18-21
Liver (C22)	29	0	.	.	.	.	0.8	.	.	1.2	.	3.6	.	20.3	20.5	10.5	26.9	39.3	2.5	3.6	0.42	17	79	11	C22
Gallbladder (C23-24)	28	0	.	.	.	.	0.8	.	.	.	4.2	5.3	9.7	10.2	12.3	10.5	6.7	39.3	2.4	3.3	0.30	36	61	12	C23-24
Pancreas (C25)	21	0	.	.	.	.	.	1.0	.	.	1.4	3.6	.	6.8	8.2	21.1	6.7	39.3	1.8	2.5	0.24	14	71	16	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C30-31
Larynx (C32)	7	0	.	.	.	.	.	1.0	1.1	.	.	.	.	.	.	5.3	13.4	9.8	0.6	0.8	0.10	71	14	22	C32
Lung, trachea and bronchus (C33-34)	41	0	.	.	.	.	.	.	.	.	7.0	5.3	14.5	6.8	24.6	31.6	33.6	39.3	3.5	5.1	0.62	61	29	6	C33-34
Melanoma of skin (C43)	8	0	.	.	.	.	.	1.0	2.1	.	2.8	.	2.4	3.4	4.1	.	.	.	0.7	0.8	0.08	50	38	21	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6.7	.	0.1	0.1	0.03	100	0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	377	0	.	.	.	.	1.5	6.8	19.2	33.8	84.0	110.3	142.6	132.0	127.1	126.6	141.0	122.7	32.5	42.1	4.62	82	6	1	C50
Cervix uteri (C53)	312	0	.	.	.	0.7	2.3	5.8	12.8	40.8	51.8	89.0	87.0	98.2	139.3	100.2	134.3	147.2	26.9	34.9	3.81	89	8	2	C53
Corpus uteri (C54)	24	0	.	.	.	.	.	.	.	.	1.4	7.1	2.4	.	12.3	26.4	40.3	19.6	2.1	3.1	0.45	83	4	15	C54
Ovary (C56)	50	0	.	1.0	0.8	0.7	2.3	.	2.1	2.3	5.6	16.0	7.3	16.9	16.4	42.2	20.1	19.6	4.3	5.7	0.67	50	16	5	C56
Kidney (C64)	14	0	1.0	.	.	.	0.8	.	.	.	.	3.6	2.4	3.4	8.2	5.3	20.1	9.8	1.2	1.7	0.22	43	36	18	C64
Bladder (C67)	7	0	.	.	.	.	.	.	1.1	1.2	.	1.8	.	.	4.1	5.3	.	9.8	0.6	0.8	0.07	71	29	23	C67
Brain, CNS (C70-72)	29	0	1.9	1.0	.	0.7	1.5	2.9	2.1	3.5	1.4	1.8	2.4	13.5	16.4	15.8	.	4.9	2.5	3.2	0.33	34	55	14	C70-72
Thyroid (C73)	43	1	.	.	.	0.7	.	2.9	6.4	4.7	8.4	8.9	12.1	3.4	4.1	15.8	20.1	19.6	3.7	4.3	0.45	63	5	7	C73
Hodgkin disease (C81)	7	0	.	.	.	2.1	0.8	1.9	.	.	.	.	2.4	.	.	.	.	.	0.6	0.5	0.04	86	0	24	C81
Non-Hodgkin lymphoma (C82-85; C96)	30	0	.	.	1.6	.	.	1.9	2.1	.	2.8	.	14.5	.	24.6	26.4	20.1	9.8	2.6	3.7	0.47	80	13	10	C82-85; C96
Multiple myeloma (C88-C90)	15	0	.	.	.	.	.	.	1.1	.	.	1.8	4.8	10.2	4.1	10.5	26.9	4.9	1.3	1.9	0.30	80	13	17	C88-C90
Lymphoid leukaemia (C91)	21	0	2.9	3.0	2.4	3.6	0.8	1.0	.	.	1.4	.	.	.	.	.	13.4	9.8	1.8	1.9	0.14	90	10		C91
Myeloid leukaemia (C92-94)	15	0	1.9	.	0.8	0.7	0.8	1.0	2.1	1.2	.	1.8	.	3.4	4.1	5.3	13.4	.	1.3	1.5	0.18	80	20		C92-94
Leukaemia unspecified (C95)	3	0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	5.3	.	4.9	0.3	0.4	0.03	67	33		C95
Leukaemia (C91-95)	39	0	5.8	3.0	3.2	4.3	1.5	1.9	2.1	1.2	1.4	1.8	.	3.4	4.1	10.5	26.9	14.7	3.4	3.8	0.36	85	15	9	C91-95
Other and unspecified (O&U)	52	0	1.0	1.0	.	.	0.8	2.9	.	1.2	9.8	8.9	16.9	6.8	12.3	21.1	33.6	58.9	4.5	5.8	0.58	35	63	4	O&U
All sites but C44 (ALLbC44)	1330	4	11.6	5.9	8.1	10.7	14.5	34.8	60.7	100.2	198.9	298.9	360.2	402.8	512.3	580.1	705.1	819.4	114.6	150.1	16.57	72	17		ALLbC44
All sites (ALL)	1447	4	11.6	5.9	8.1	10.7	14.5	37.7	61.8	104.9	205.9	315.0	374.7	423.1	569.7	643.4	826.0	1010.7	124.7	164.0	18.11	73	16		ALL

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

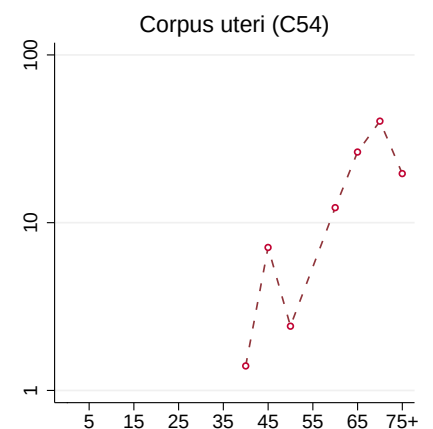
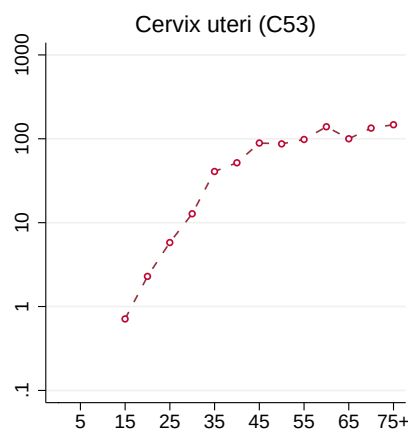
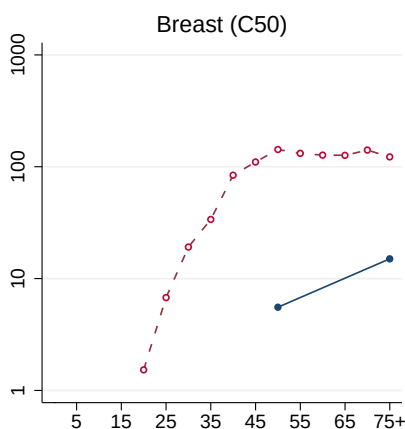
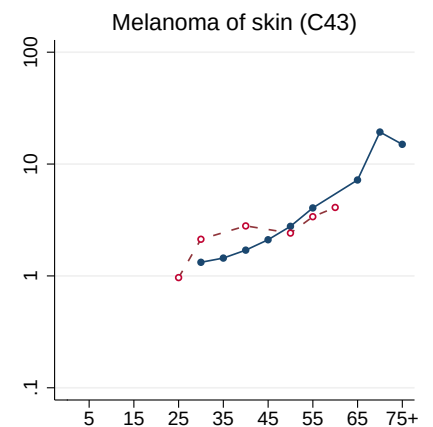
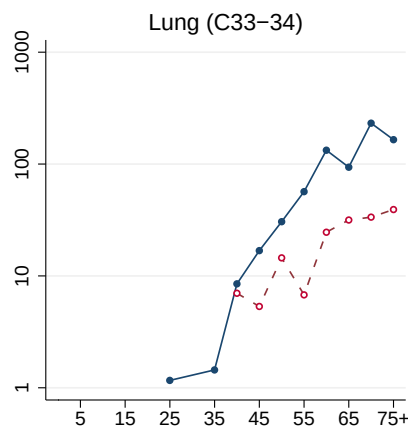
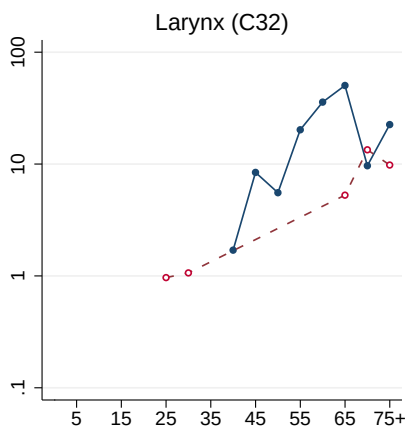
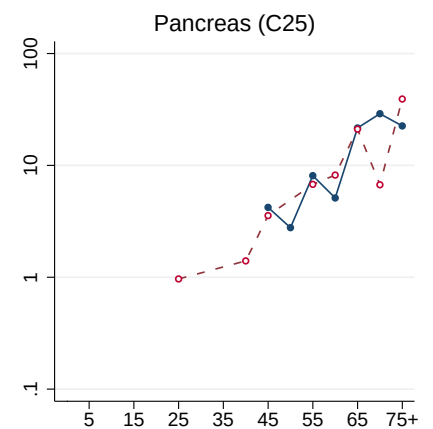
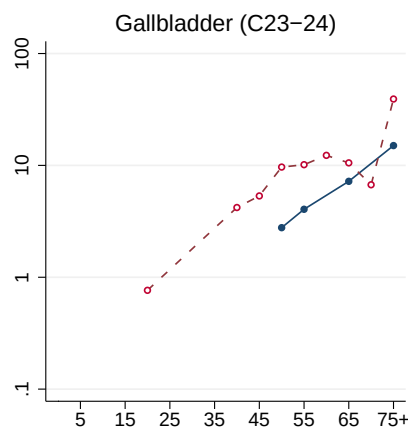
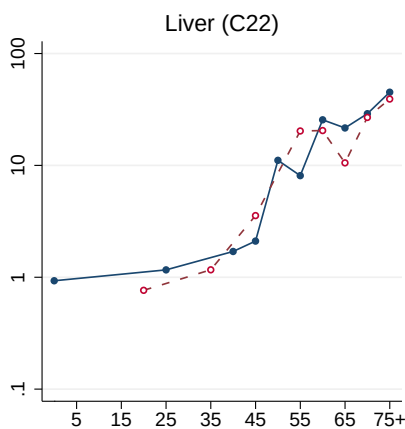
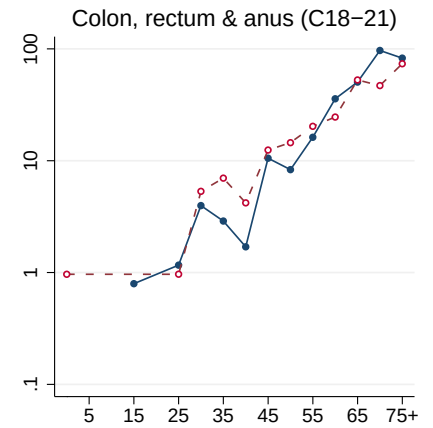
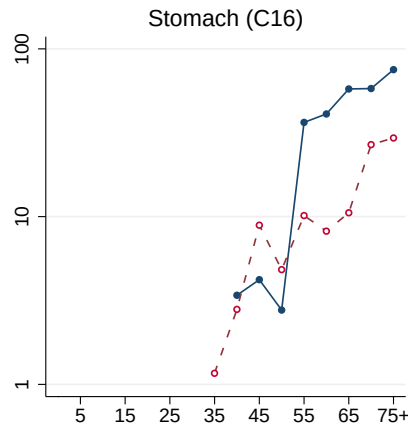
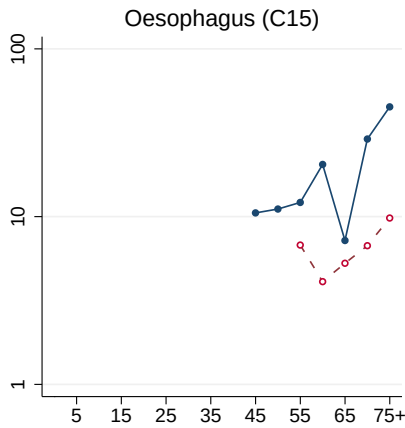
†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

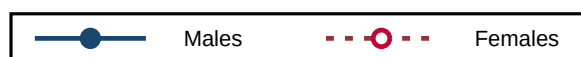
BRAZIL, TERESINA (2000–2002)

Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



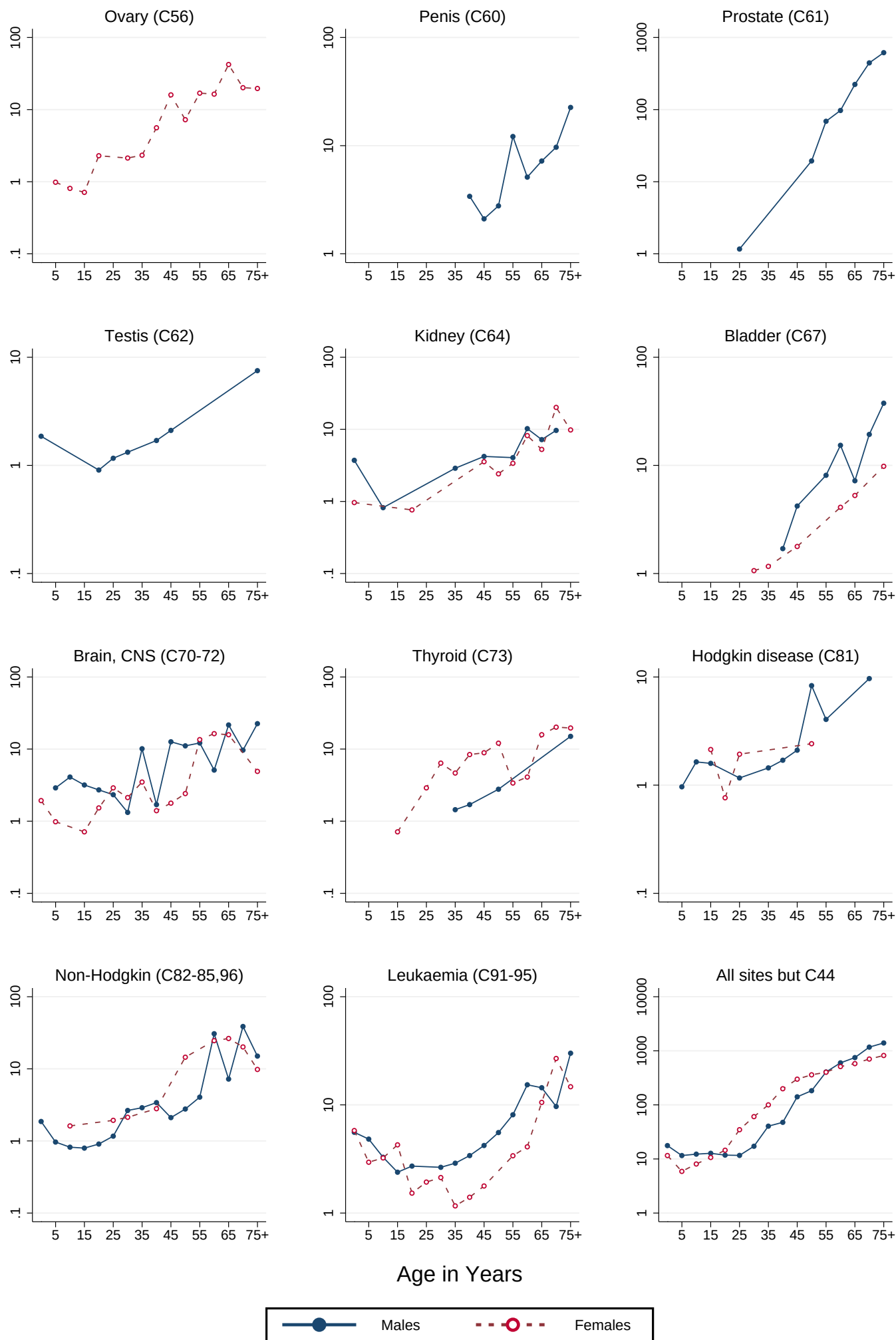
Age in Years



BRAZIL, TERESINA (2000-2002)

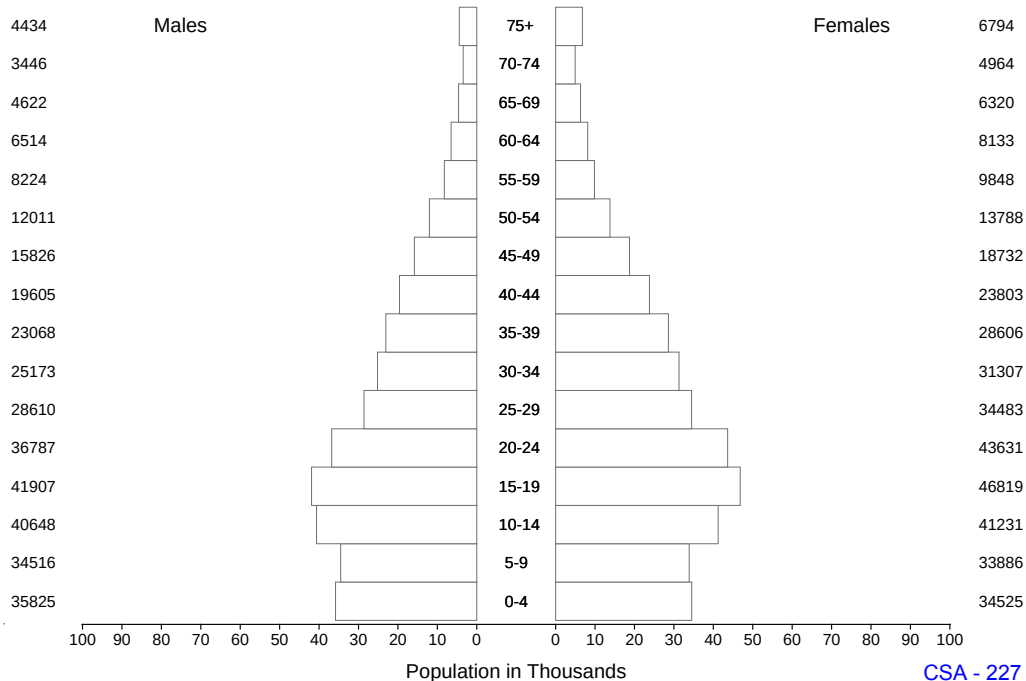
Age-specific incidence rates per 100,000 person-years

Incidence rate (log scale) per 100,000 person-years



BRAZIL, TERESINA (2000-2002)

Average annual person-years



Country's Summary Tables and Figures

BRAZIL^{1,2} **(2003-2007, 1997-2006³)**

¹ Country's incidence rates were estimated using aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, and Sao Paulo

² National mortality data obtained from the WHO mortality database:
http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html

³ Period for the analysis of trends: incidence rates were estimated using data from the population-based cancer registries of Aracaju, Fortaleza, Goiania, and Sao Paulo and National mortality data from the WHO mortality database

BRAZIL * (2003-2007)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	1924 (5.7)	1986 (5.4)	2104 (5.3)	1514 (5.1)	1156 (4.6)	8684 (5.3)
Digestive organs (C15-C26)	6514 (19.3)	7566 (20.5)	7251 (18.2)	5357 (18.2)	4543 (18.1)	31231 (18.9)
Respiratory organs (C30-C39)	3856 (11.4)	4053 (11.0)	3742 (9.4)	2387 (8.1)	1836 (7.3)	15874 (9.6)
Bone, cartilage, and skin (C40-C44)	6659 (19.7)	6583 (17.9)	9187 (23.0)	8071 (27.4)	7441 (29.7)	37941 (23.0)
Breast (C50)	73 (0.2)	99 (0.3)	92 (0.2)	114 (0.4)	124 (0.5)	502 (0.3)
Male genitalia (C60-C63)	7717 (22.9)	8885 (24.1)	9980 (25.0)	6613 (22.4)	5550 (22.1)	38745 (23.5)
Urinary organs (C64-C68)	1561 (4.6)	1704 (4.6)	1819 (4.6)	1343 (4.6)	1278 (5.1)	7705 (4.7)
Eye, brain, and thyroid (C69-C75)	1119 (3.3)	1398 (3.8)	1361 (3.4)	832 (2.8)	706 (2.8)	5416 (3.3)
Hematopoietic (C81-C96)	2336 (6.9)	2605 (7.1)	2240 (5.6)	1596 (5.4)	1182 (4.7)	9959 (6.0)
Other and unspecified	1979 (5.9)	1957 (5.3)	2100 (5.3)	1659 (5.6)	1277 (5.1)	8972 (5.4)
All sites	33738 (100.0)	36836 (100.0)	39876 (100.0)	29486 (100.0)	25093 (100.0)	165029 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	663 (1.8)	749 (1.9)	748 (1.7)	530 (1.6)	387 (1.4)	3077 (1.7)
Digestive organs (C15-C26)	5971 (15.8)	6568 (16.7)	6788 (15.1)	4590 (14.2)	4035 (14.4)	27952 (15.3)
Respiratory organs (C30-C39)	1859 (4.9)	2150 (5.5)	1925 (4.3)	1254 (3.9)	1004 (3.6)	8192 (4.5)
Bone, cartilage, and skin (C40-C44)	7405 (19.6)	6818 (17.4)	10219 (22.8)	8653 (26.8)	8090 (29.0)	41185 (22.6)
Breast (C50)	8995 (23.8)	9193 (23.4)	10669 (23.8)	7156 (22.1)	6445 (23.1)	42458 (23.3)
Female genitalia (C51-C58)	5626 (14.9)	5453 (13.9)	5591 (12.5)	3948 (12.2)	2790 (10.0)	23408 (12.9)
Urinary organs (C64-C68)	829 (2.2)	950 (2.4)	1045 (2.3)	665 (2.1)	616 (2.2)	4105 (2.3)
Eye, brain, and thyroid (C69-C75)	2247 (5.9)	2956 (7.5)	3422 (7.6)	2223 (6.9)	1939 (6.9)	12787 (7.0)
Hematopoietic (C81-C96)	2108 (5.6)	2404 (6.1)	2243 (5.0)	1494 (4.6)	1194 (4.3)	9443 (5.2)
Other and unspecified	2066 (5.5)	1973 (5.0)	2232 (5.0)	1827 (5.6)	1443 (5.2)	9541 (5.2)
All sites	37769 (100.0)	39214 (100.0)	44882 (100.0)	32340 (100.0)	27943 (100.0)	182148 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	2587 (3.6)	2735 (3.6)	2852 (3.4)	2044 (3.3)	1543 (2.9)	11761 (3.4)
Digestive organs (C15-C26)	12485 (17.5)	14134 (18.6)	14039 (16.6)	9947 (16.1)	8578 (16.2)	59183 (17.0)
Respiratory organs (C30-C39)	5715 (8.0)	6203 (8.2)	5667 (6.7)	3641 (5.9)	2840 (5.4)	24066 (6.9)
Bone, cartilage, and skin (C40-C44)	14064 (19.7)	13401 (17.6)	19406 (22.9)	16724 (27.1)	15531 (29.3)	79126 (22.8)
Urinary organs (C64-C68)	2390 (3.3)	2654 (3.5)	2864 (3.4)	2008 (3.2)	1894 (3.6)	11810 (3.4)
Eye, brain, and thyroid (C69-C75)	3366 (4.7)	4354 (5.7)	4783 (5.6)	3055 (4.9)	2645 (5.0)	18203 (5.2)
Hematopoietic (C81-C96)	4444 (6.2)	5009 (6.6)	4483 (5.3)	3090 (5.0)	2376 (4.5)	19402 (5.6)
Other and unspecified	4045 (5.7)	3930 (5.2)	4332 (5.1)	3486 (5.6)	2720 (5.1)	18513 (5.3)
All sites	71507 (100.0)	76050 (100.0)	84758 (100.0)	61826 (100.0)	53036 (100.0)	347177 (100.0)

*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, and Sao Paulo

BRAZIL * (2003-2007)
Age Standardized Incidence Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2003 ASR (%)	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	18.6 (5.5)	19.4 (5.2)	20.6 (5.1)	21.9 (5.0)	18.1 (4.5)	19.7 (5.1)
Digestive organs (C15-C26)	65.6 (19.5)	77.2 (20.7)	74.2 (18.3)	80.1 (18.3)	72.8 (18.1)	73.6 (19.1)
Respiratory organs (C30-C39)	39.7 (11.8)	42.2 (11.3)	39.2 (9.7)	36.1 (8.3)	30.0 (7.5)	38.1 (9.9)
Bone, cartilage, and skin (C40-C44)	65.2 (19.4)	65.6 (17.6)	92.6 (22.8)	118.6 (27.1)	116.7 (29.1)	87.6 (22.7)
Breast (C50)	0.7 (0.2)	1.0 (0.3)	0.9 (0.2)	1.6 (0.4)	1.9 (0.5)	1.1 (0.3)
Male genitalia (C60-C63)	81.2 (24.1)	95.1 (25.5)	107.3 (26.4)	103.1 (23.6)	92.7 (23.1)	95.5 (24.7)
Urinary organs (C64-C68)	16.0 (4.8)	17.5 (4.7)	18.7 (4.6)	20.1 (4.6)	20.7 (5.2)	18.3 (4.7)
Eye, brain, and thyroid (C69-C75)	9.9 (2.9)	12.4 (3.3)	12.0 (3.0)	10.8 (2.5)	10.6 (2.6)	11.2 (2.9)
Hematopoietic (C81-C96)	20.8 (6.2)	23.7 (6.4)	20.3 (5.0)	21.3 (4.9)	18.2 (4.5)	21.0 (5.4)
Other and unspecified	18.9 (5.6)	18.7 (5.0)	20.3 (5.0)	23.7 (5.4)	19.7 (4.9)	20.0 (5.2)
All sites	336.5 (100.0)	372.8 (100.0)	406.0 (100.0)	437.1 (100.0)	401.5 (100.0)	386.1 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	4.6 (1.7)	5.2 (1.9)	5.3 (1.7)	5.4 (1.6)	4.4 (1.4)	5.0 (1.7)
Digestive organs (C15-C26)	41.2 (15.8)	45.8 (16.7)	47.9 (15.2)	48.4 (14.3)	45.0 (14.2)	45.5 (15.3)
Respiratory organs (C30-C39)	13.4 (5.1)	15.5 (5.6)	14.0 (4.4)	13.8 (4.1)	11.7 (3.7)	13.8 (4.7)
Bone, cartilage, and skin (C40-C44)	50.1 (19.2)	47.1 (17.1)	70.2 (22.3)	89.2 (26.3)	87.5 (27.7)	65.6 (22.1)
Breast (C50)	63.1 (24.1)	65.4 (23.8)	76.0 (24.1)	76.1 (22.5)	74.2 (23.5)	70.2 (23.7)
Female genitalia (C51-C58)	39.1 (15.0)	38.5 (14.0)	39.5 (12.5)	41.6 (12.3)	32.4 (10.2)	38.4 (13.0)
Urinary organs (C64-C68)	5.9 (2.2)	6.6 (2.4)	7.4 (2.4)	7.0 (2.1)	6.9 (2.2)	6.7 (2.3)
Eye, brain, and thyroid (C69-C75)	15.2 (5.8)	20.2 (7.3)	23.3 (7.4)	22.4 (6.6)	22.7 (7.2)	20.4 (6.9)
Hematopoietic (C81-C96)	14.6 (5.6)	16.8 (6.1)	15.6 (5.0)	15.8 (4.7)	14.2 (4.5)	15.4 (5.2)
Other and unspecified	14.1 (5.4)	13.8 (5.0)	15.6 (5.0)	19.1 (5.6)	16.7 (5.3)	15.5 (5.2)
All sites	261.4 (100.0)	274.9 (100.0)	315.0 (100.0)	338.8 (100.0)	316.1 (100.0)	296.7 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	10.6 (3.7)	11.3 (3.6)	11.9 (3.4)	12.6 (3.3)	10.3 (3.0)	11.3 (3.4)
Digestive organs (C15-C26)	51.2 (17.7)	58.8 (18.8)	58.7 (16.8)	61.6 (16.4)	56.6 (16.3)	57.1 (17.3)
Respiratory organs (C30-C39)	24.2 (8.4)	26.4 (8.5)	24.4 (7.0)	23.1 (6.1)	19.3 (5.5)	23.8 (7.2)
Bone, cartilage, and skin (C40-C44)	56.1 (19.4)	54.5 (17.5)	79.0 (22.6)	101.0 (26.8)	99.1 (28.5)	74.3 (22.5)
Urinary organs (C64-C68)	9.9 (3.4)	11.0 (3.5)	12.0 (3.4)	12.4 (3.3)	12.6 (3.6)	11.4 (3.5)
Eye, brain, and thyroid (C69-C75)	12.8 (4.4)	16.6 (5.3)	18.2 (5.2)	17.1 (4.5)	17.2 (4.9)	16.2 (4.9)
Hematopoietic (C81-C96)	17.2 (6.0)	19.7 (6.3)	17.7 (5.1)	18.2 (4.8)	16.0 (4.6)	17.9 (5.4)
Other and unspecified	16.1 (5.6)	15.8 (5.1)	17.6 (5.0)	21.0 (5.6)	17.9 (5.1)	17.4 (5.3)
All sites	289.3 (100.0)	312.0 (100.0)	348.7 (100.0)	376.3 (100.0)	348.2 (100.0)	330.2 (100.0)

*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, and Sao Paulo

BRAZIL * (2003-2007)

Incidence per 100,000 by Age Group (years)

Males

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	8684	386	0.6	0.6	0.6	0.9	1.4	1.5	2.0	5.5	14.8	33.2	53.0	74.5	79.6	87.5	89.1	88.8	15.6	19.7	2.33	86	7	5	C00-14
Oesophagus (C15)	4280	186	.	.	.	0.1	0.1	0.3	0.6	1.4	5.2	14.4	24.1	33.7	41.6	58.9	50.9	66.1	7.7	10.1	1.21	78	16	8	C15
Stomach (C16)	8964	487	0.0	0.1	0.0	0.1	0.4	0.9	2.4	4.1	8.8	18.3	30.8	53.5	78.5	113.3	156.0	228.4	16.1	21.2	2.47	79	15	4	C16
Colon (C18)	7023	503	0.0	.	0.1	0.1	0.6	1.1	1.6	3.5	7.1	11.9	22.6	41.9	56.0	89.4	120.8	181.9	12.6	16.6	1.92	84	10		C18
Rectum (C19-20)	4751	358	0.0	.	0.0	0.1	0.3	0.7	1.6	2.8	5.5	8.7	17.3	29.2	39.9	63.3	75.4	104.5	8.5	11.2	1.32	88	6		C19-20
Colorectal (C18-20)	11774	861	0.0	.	0.1	0.2	0.9	1.8	3.2	6.3	12.6	20.6	40.0	71.1	95.8	152.8	196.2	286.4	21.1	27.7	3.25	86	8	2	C18-20
Anus (C21)	390	16	0.0	.	.	0.0	0.1	0.2	0.3	0.5	1.1	1.2	1.7	2.6	2.9	3.1	4.4	5.4	0.7	0.8	0.09	73	3	24	C21
Colon, rectum and anus (C18-21)	12164	877	0.1	.	0.1	0.2	1.0	2.0	3.4	6.8	13.7	21.8	41.7	73.7	98.7	155.9	200.6	291.8	21.8	28.6	3.34	85	8		C18-21
Liver (C22)	1829	40	0.4	0.1	.	0.1	0.2	0.4	0.4	1.0	2.1	3.9	9.5	13.8	16.9	24.0	26.9	33.2	3.3	4.3	0.51	55	35	16	C22
Gallbladder (C23-24)	886	43	.	.	.	.	0.0	0.1	0.1	0.3	0.9	1.5	3.4	4.5	7.0	12.9	15.3	25.4	1.6	2.1	0.24	59	30	20	C23-24
Pancreas (C25)	2212	39	.	.	0.0	0.0	0.1	0.1	0.5	0.9	2.6	4.6	8.4	14.4	20.4	28.3	38.4	59.0	4.0	5.2	0.60	48	36	14	C25
Nose, sinuses (C30-31)	335	19	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.4	0.5	1.0	0.9	2.0	1.7	3.3	3.9	4.4	0.6	0.7	0.08	70	4	25	C30-31
Larynx (C32)	4079	178	.	.	.	0.1	0.1	0.2	0.4	1.1	4.1	12.7	21.0	34.6	44.4	52.2	58.3	60.7	7.3	9.7	1.20	83	11	9	C32
Lung, trachea and bronchus (C33-34)	11049	395	0.0	0.0	0.0	0.1	0.4	0.8	1.3	2.9	6.8	17.8	39.7	71.1	108.5	166.6	224.6	267.0	19.8	26.8	3.32	69	22	3	C33-34
Melanoma of skin (C43)	2194	333	0.0	0.1	0.1	0.3	0.5	0.9	1.5	2.4	3.3	4.9	7.5	11.1	13.3	21.4	24.0	38.4	3.9	4.9	0.54	95	4	15	C43
Mesothelioma (C45)	66	2	.	.	0.0	.	.	0.0	0.1	0.0	0.1	0.2	0.3	0.3	0.3	1.0	1.0	1.2	0.1	0.1	0.02	85	14	27	C45
Kaposi sarcoma (C46)	391	36	.	.	0.0	0.1	0.3	0.7	1.5	1.3	1.4	0.9	1.0	1.0	0.8	0.3	1.2	2.5	0.7	0.7	0.06	89	10	26	C46
Breast (C50)	502	32	.	.	.	0.0	0.2	0.1	0.2	0.3	0.7	1.0	2.1	3.6	3.9	4.1	9.0	10.6	0.9	1.1	0.13	88	2	23	C50
Penis (C60)	767	37	0.1	0.1	0.1	0.1	0.6	0.5	0.6	1.0	1.4	1.9	2.3	4.0	4.3	8.5	8.3	14.3	1.4	1.7	0.18	77	3	22	C60
Prostate (C61)	36524	2409	0.0	.	.	0.0	0.1	0.1	0.7	1.5	4.8	21.2	73.0	195.0	375.3	616.6	836.5	1100.1	65.5	91.4	11.37	89	6	1	C61
Testis (C62)	1363	57	1.1	0.6	0.5	1.7	3.5	5.3	4.2	3.0	3.1	2.0	1.4	1.5	1.2	1.9	1.6	2.6	2.4	2.2	0.17	81	4	19	C62
Kidney (C64)	2532	142	1.6	0.4	0.2	0.1	0.3	0.5	0.9	1.6	3.2	7.4	11.5	17.9	23.1	27.2	29.8	38.9	4.5	5.8	0.67	81	12	13	C64
Bladder (C67)	5014	313	0.1	0.0	0.1	0.1	0.2	0.4	0.5	1.1	2.7	5.5	10.6	24.5	40.2	67.1	99.6	177.3	9.0	12.1	1.35	86	7	7	C67
Brain, CNS (C70-72)	3038	73	2.9	2.6	1.7	1.7	2.0	2.5	4.0	3.6	4.7	7.6	11.3	14.8	17.9	23.9	26.0	30.7	5.5	6.4	0.65	60	23	12	C70-72
Thyroid (C73)	1724	97	0.0	0.1	0.2	0.5	1.1	2.0	2.8	4.0	4.3	6.4	8.1	9.3	8.6	10.1	9.3	11.5	3.1	3.4	0.35	90	2	17	C73
Hodgkin disease (C81)	1137	45	0.2	1.2	1.3	2.2	2.4	2.4	1.6	1.8	2.2	2.1	2.3	2.4	2.7	3.4	5.4	6.2	2.0	2.0	0.18	93	5	21	C81
Non-Hodgkin lymphoma (C82-85,C96)	4254	170	1.6	1.8	1.4	1.8	2.4	3.1	4.3	5.6	7.9	10.4	14.8	19.2	28.2	38.8	43.3	62.2	7.6	9.1	0.96	87	11	10	C82-85,C96
Multiple myeloma (C88-C90)	1362	20	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	2.0	3.3	6.6	9.7	14.7	18.0	20.6	25.5	2.4	3.2	0.39	78	18	18	C88-C90
Lymphoid leukaemia (C91)	1341	6	4.8	3.4	2.0	1.6	0.9	0.7	0.7	1.0	0.8	1.4	2.3	3.1	4.4	6.3	10.8	19.0	2.4	2.8	0.22	82	14		C91
Myeloid leukaemia (C92-94)	1518	39	1.3	0.8	0.9	1.1	1.2	1.7	1.6	2.0	2.6	2.8	3.6	6.1	8.0	12.7	14.8	23.2	2.7	3.2	0.32	73	25		C92-94
Leukaemia unspecified (C95)	347	4	0.4	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.8	1.0	1.7	1.2	4.2	7.7	0.6	0.7	0.06	56	40		C95
Leukaemia (C91-95)	3206	49	6.5	4.5	3.2	2.8	2.4	2.8	2.7	3.5	3.9	4.8	6.7	10.2	14.1	20.2	29.7	49.9	5.8	6.7	0.60	75	22	11	C91-95
Other and unspecified (O&U)	7617	512	1.3	0.7	1.0	1.0	1.8	2.5	3.1	5.0	9.0	15.9	27.9	47.3	60.8	84.2	110.0	156.3	13.7	17.5	1.99	55	25	6	O&U
All sites but C44 (ALLbC44)	130219	7160	20.9	15.3	13.8	18.6	25.1	33.9	44.1	65.8	119.6	232.9	431.0	765.4	1127.4	1678.7	2157.0	2905.7	233.6	305.1	35.71	80	12		ALLbC44
All sites (ALL)	165029	11000	20.9	15.7	14.4	19.2	26.5	38.5	52.8	87.0	153.8	300.6	525.5	945.2	1353.9	2085.4	2629.4	3950.1	296.1	386.1	44.30	84	10		ALL

*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, and Sao Paulo

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL * (2003-2007)

Incidence per 100,000 by Age Group (years)

Females

SITE	ALL CASES	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASR (W)	CUM. RATE (0-74)†	MV (%)	DCO (%)	Rank‡	ICD10
Lip, oral cavity, and pharynx (C00-14)	3077	156	0.4	0.3	0.5	0.7	1.1	1.4	1.9	3.0	4.0	6.0	9.0	11.8	16.0	19.8	24.6	39.3	5.0	5.0	0.53	80	5	11	C00-14
Oesophagus (C15)	1381	61	0.0	.	.	0.0	.	0.1	0.2	0.4	1.0	2.1	4.3	6.6	9.6	13.7	13.0	21.8	2.2	2.3	0.27	77	16	20	C15
Stomach (C16)	6065	386	0.0	0.0	0.0	0.2	0.5	1.4	2.4	3.6	6.5	9.7	15.3	21.6	32.4	45.0	62.5	104.3	9.8	9.7	1.07	78	15	7	C16
Colon (C18)	8318	599	.	.	.	0.1	0.3	1.1	2.2	4.1	8.2	14.3	20.6	34.4	45.3	62.1	81.5	145.7	13.5	13.4	1.48	82	11		C18
Rectum (C19-20)	4933	342	.	.	.	0.1	0.3	0.9	1.3	3.0	5.2	8.6	16.9	22.0	29.6	35.2	47.3	71.9	8.0	8.1	0.91	88	6		C19-20
Colorectal (C18-20)	13251	941	.	.	.	0.2	0.7	2.0	3.5	7.1	13.4	22.9	37.5	56.4	74.9	97.3	128.8	217.6	21.5	21.5	2.39	84	9	2	C18-20
Anus (C21)	818	46	0.0	.	.	.	0.0	0.1	0.1	0.5	1.3	1.8	3.1	3.7	5.3	6.0	7.5	10.0	1.3	1.4	0.16	88	2	23	C21
Colon, rectum and anus (C18-21)	14069	987	0.0	.	.	0.2	0.7	2.1	3.6	7.6	14.7	24.7	40.6	60.1	80.2	103.3	136.3	227.6	22.8	22.9	2.55	84	9		C18-21
Liver (C22)	1186	24	0.2	0.0	0.1	0.0	0.1	0.2	0.4	0.5	0.8	1.7	3.2	4.9	7.0	10.3	13.4	20.6	1.9	1.9	0.22	47	42	21	C22
Gallbladder (C23-24)	1670	45	.	.	.	0.0	0.1	0.1	0.3	0.5	1.0	2.6	4.5	6.6	9.2	18.3	21.2	29.2	2.7	2.8	0.33	63	27	18	C23-24
Pancreas (C25)	2606	72	.	0.0	0.0	0.2	0.2	0.2	0.4	0.5	1.6	3.1	5.8	11.6	16.2	22.2	30.3	53.7	4.2	4.2	0.47	45	37	14	C25
Nose, sinuses (C30-31)	281	17	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.7	1.6	0.8	1.1	1.8	3.6	0.5	0.4	0.04	62	5	25	C30-31
Larynx (C32)	739	34	.	.	.	0.0	0.1	0.2	0.2	0.2	0.9	1.7	3.3	4.6	5.5	6.2	5.6	6.9	1.2	1.3	0.15	82	8	24	C32
Lung, trachea and bronchus (C33-34)	6779	284	.	.	0.1	0.1	0.2	0.6	1.2	2.3	5.7	14.2	20.8	33.8	49.5	63.0	70.2	91.7	11.0	11.5	1.37	70	20	6	C33-34
Melanoma of skin (C43)	2398	438	0.1	0.1	0.0	0.1	0.5	1.4	1.8	2.2	3.9	5.2	7.1	8.8	9.9	12.1	12.7	22.5	3.9	3.8	0.40	95	4	15	C43
Mesothelioma (C45)	44	0	.	.	.	.	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.5	0.3	0.6	0.1	0.1	0.01	84	14	27	C45
Kaposi sarcoma (C46)	78	10	.	.	0.0	.	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.2	0.4	0.1	0.9	1.3	0.1	0.1	0.01	95	5	26	C46
Breast (C50)	42458	2101	.	0.1	0.1	0.4	2.5	8.2	21.6	48.7	94.3	147.3	186.9	226.6	232.3	254.2	254.9	334.1	68.9	70.2	7.77	89	4	1	C50
Cervix uteri (C53)	11257	396	.	.	.	0.4	2.3	7.7	14.3	20.0	28.3	35.4	41.2	55.8	55.3	63.3	57.7	63.0	18.3	18.2	1.98	91	5	3	C53
Corpus uteri (C54)	4296	234	.	.	.	0.0	0.3	0.4	1.0	2.0	3.9	6.7	13.8	26.1	30.8	43.5	45.6	48.2	7.0	7.4	0.92	90	4	9	C54
Ovary (C56)	4854	200	0.2	0.3	0.7	1.1	1.1	2.0	2.5	4.0	8.4	12.7	19.4	25.1	28.1	33.0	36.8	40.4	7.9	8.1	0.91	78	12	8	C56
Kidney (C64)	1790	100	1.6	0.7	0.1	0.2	0.3	0.4	0.6	1.2	2.1	3.3	5.6	8.6	9.4	12.7	14.5	20.7	2.9	3.0	0.32	78	14	17	C64
Bladder (C67)	2197	130	0.0	0.0	0.0	0.1	0.2	0.1	0.5	0.7	1.5	2.7	4.5	8.7	9.9	18.8	24.8	45.3	3.6	3.5	0.39	83	8	16	C67
Brain, CNS (C70-72)	2869	83	2.3	2.5	1.8	1.1	1.3	1.7	2.6	3.3	3.3	6.4	7.4	12.3	11.5	16.6	17.7	24.7	4.7	4.8	0.47	52	28	13	C70-72
Thyroid (C73)	9254	655	0.0	0.1	0.7	2.1	5.9	10.6	17.0	19.5	24.4	31.8	37.2	36.7	28.4	29.1	23.2	21.5	15.0	14.4	1.44	90	1	4	C73
Hodgkin disease (C81)	998	44	0.1	0.4	1.0	1.7	2.5	2.6	2.2	1.3	1.0	1.4	1.5	1.7	1.6	1.7	2.5	2.8	1.6	1.5	0.12	95	4	22	C81
Non-Hodgkin lymphoma (C82-85,C96)	4015	205	0.9	1.0	0.9	1.2	1.5	2.3	2.9	3.7	4.7	6.5	10.3	16.3	20.0	24.8	36.9	48.4	6.5	6.5	0.71	87	11	10	C82-85,C96
Multiple myeloma (C88-C90)	1464	20	.	.	0.0	0.0	0.0	0.2	0.2	0.5	1.4	2.3	4.7	8.2	10.0	14.9	17.6	19.8	2.4	2.5	0.30	75	20	19	C88-C90
Lymphoid leukaemia (C91)	1129	5	3.8	2.9	1.6	0.9	0.7	0.4	0.5	0.6	0.5	1.1	1.6	2.3	3.0	5.2	5.6	11.6	1.8	2.0	0.15	81	15		C91
Myeloid leukaemia (C92-94)	1495	35	0.9	0.6	0.9	1.0	1.1	1.3	1.4	1.7	1.8	2.8	4.1	4.4	5.6	7.7	10.0	15.9	2.4	2.4	0.23	73	24		C92-94
Leukaemia unspecified (C95)	342	4	0.4	0.3	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.8	0.7	1.3	1.5	1.5	5.9	0.6	0.5	0.04	58	39		C95
Leukaemia (C91-95)	2966	44	5.0	3.8	2.6	2.1	2.0	1.9	2.1	2.6	2.7	4.6	6.5	7.4	10.0	14.4	17.1	33.3	4.8	5.0	0.43	74	22	12	C91-95
Other and unspecified (O&U)	8638	659	1.3	1.1	1.0	0.9	1.8	2.6	3.7	6.2	9.0	14.6	23.9	36.0	40.6	60.0	79.7	124.4	14.0	14.0	1.53	55	24	5	O&U
All sites but C44 (ALLbC44)	144174	7894	16.1	12.8	12.8	15.9	29.2	52.7	88.8	141.0	235.5	360.8	494.9	666.1	752.7	937.4	1066.8	1516.4	233.9	236.1	25.83	81	10		ALLbC44
All sites (ALL)	182148	12145	16.2	13.3	13.2	16.7	30.9	58.2	99.0	160.9	269.3	421.3	574.0	816.3	914.4	1219.2	1395.8	2216.2	295.5	296.7	32.24	85	8		ALL

*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, and Sao Paulo

UNK, Unknown; ASR (W), Age Standardized Rate (World Population); CUM., Cumulative; MV, Microscopic Verification; DCO, Death Certificate Only

†Percent

‡Rank based on highest ASR excluding: All sites but C44 and All sites

BRAZIL (2003-2007)
Number of Deaths in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	4370 (6.1)	4417 (5.9)	4681 (5.9)	4666 (5.7)	4813 (5.6)	22947 (5.8)
Digestive organs (C15-C26)	27112 (37.7)	28693 (38.0)	30119 (38.2)	31503 (38.2)	32595 (38.0)	150022 (38.0)
Respiratory organs (C30-C39)	13477 (18.7)	14339 (19.0)	14790 (18.8)	15005 (18.2)	15779 (18.4)	73390 (18.6)
Bone, cartilage, and skin (C40-C44)	587 (0.8)	603 (0.8)	644 (0.8)	715 (0.9)	754 (0.9)	3303 (0.8)
Male genitalia (C60-C63)	9209 (12.8)	9807 (13.0)	10451 (13.3)	11265 (13.7)	11732 (13.7)	52464 (13.3)
Urinary organs (C64-C68)	2663 (3.7)	2787 (3.7)	2882 (3.7)	3111 (3.8)	3147 (3.7)	14590 (3.7)
Eye, brain, and thyroid (C69-C75)	3150 (4.4)	3249 (4.3)	3576 (4.5)	3441 (4.2)	3735 (4.4)	17151 (4.3)
Hematopoietic (C81-C96)	5582 (7.8)	5671 (7.5)	5803 (7.4)	5987 (7.3)	6334 (7.4)	29377 (7.4)
All sites	72010 (100.0)	75445 (100.0)	78788 (100.0)	82504 (100.0)	85741 (100.0)	394488 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	926 (1.5)	1044 (1.6)	1134 (1.7)	1207 (1.7)	1249 (1.7)	5560 (1.7)
Digestive organs (C15-C26)	21926 (35.8)	23112 (36.1)	24292 (36.3)	25387 (35.9)	26539 (36.3)	121256 (36.1)
Respiratory organs (C30-C39)	5700 (9.3)	6088 (9.5)	6435 (9.6)	7010 (9.9)	7463 (10.2)	32696 (9.7)
Bone, cartilage, and skin (C40-C44)	493 (0.8)	484 (0.8)	526 (0.8)	521 (0.7)	542 (0.7)	2566 (0.8)
Breast (C50)	9338 (15.3)	9788 (15.3)	10206 (15.3)	10832 (15.3)	11058 (15.1)	51222 (15.2)
Female genitalia (C51-C58)	9240 (15.1)	9541 (14.9)	9809 (14.7)	10063 (14.2)	10360 (14.2)	49013 (14.6)
Urinary organs (C64-C68)	1375 (2.2)	1408 (2.2)	1511 (2.3)	1546 (2.2)	1615 (2.2)	7455 (2.2)
Eye, brain, and thyroid (C69-C75)	3036 (5.0)	3176 (5.0)	3367 (5.0)	3520 (5.0)	3648 (5.0)	16747 (5.0)
Hematopoietic (C81-C96)	4628 (7.6)	4835 (7.6)	5029 (7.5)	5266 (7.4)	5405 (7.4)	25163 (7.5)
All sites	61227 (100.0)	63948 (100.0)	66884 (100.0)	70759 (100.0)	73068 (100.0)	335886 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	5296 (4.0)	5461 (3.9)	5815 (4.0)	5873 (3.8)	6062 (3.8)	28507 (3.9)
Digestive organs (C15-C26)	49038 (36.8)	51805 (37.2)	54411 (37.4)	56890 (37.1)	59134 (37.2)	271278 (37.1)
Respiratory organs (C30-C39)	19177 (14.4)	20427 (14.7)	21225 (14.6)	22015 (14.4)	23242 (14.6)	106086 (14.5)
Bone, cartilage, and skin (C40-C44)	1080 (0.8)	1087 (0.8)	1170 (0.8)	1236 (0.8)	1296 (0.8)	5869 (0.8)
Urinary organs (C64-C68)	4038 (3.0)	4195 (3.0)	4393 (3.0)	4657 (3.0)	4762 (3.0)	22045 (3.0)
Eye, brain, and thyroid (C69-C75)	6186 (4.6)	6425 (4.6)	6943 (4.8)	6961 (4.5)	7383 (4.6)	33898 (4.6)
Hematopoietic (C81-C96)	10210 (7.7)	10506 (7.5)	10832 (7.4)	11253 (7.3)	11739 (7.4)	54540 (7.5)
All sites	133237 (100.0)	139393 (100.0)	145672 (100.0)	153263 (100.0)	158809 (100.0)	730374 (100.0)

BRAZIL (2003-2007)
Age Standardized Mortality Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASMR (%)
	2003 ASMR (%)	2004 ASMR (%)	2005 ASMR (%)	2006 ASMR (%)	2007 ASMR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	6.0 (6.1)	5.9 (5.9)	6.1 (6.0)	5.8 (5.7)	5.8 (5.7)	5.9 (5.9)
Digestive organs (C15-C26)	37.8 (38.2)	38.5 (38.4)	39.1 (38.6)	39.6 (38.6)	39.6 (38.4)	38.9 (38.5)
Respiratory organs (C30-C39)	19.2 (19.5)	19.8 (19.7)	19.7 (19.5)	19.3 (18.8)	19.6 (19.1)	19.5 (19.3)
Bone, cartilage, and skin (C40-C44)	0.8 (0.8)	0.8 (0.8)	0.8 (0.8)	0.9 (0.9)	0.9 (0.9)	0.8 (0.8)
Male genitalia (C60-C63)	12.3 (12.5)	12.6 (12.6)	13.0 (12.8)	13.5 (13.1)	13.5 (13.1)	13.0 (12.9)
Urinary organs (C64-C68)	3.6 (3.7)	3.7 (3.7)	3.7 (3.7)	3.9 (3.8)	3.8 (3.7)	3.8 (3.7)
Eye, brain, and thyroid (C69-C75)	4.1 (4.1)	4.2 (4.1)	4.4 (4.3)	4.2 (4.1)	4.4 (4.2)	4.2 (4.2)
Hematopoietic (C81-C96)	7.2 (7.3)	7.2 (7.1)	7.1 (7.0)	7.2 (7.0)	7.3 (7.1)	7.2 (7.1)
All sites	98.8 (100.0)	100.2 (100.0)	101.2 (100.0)	102.5 (100.0)	103.0 (100.0)	101.2 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.0 (1.5)	1.1 (1.6)	1.2 (1.7)	1.2 (1.7)	1.2 (1.7)	1.2 (1.6)
Digestive organs (C15-C26)	24.7 (35.4)	25.1 (35.7)	25.4 (35.8)	25.6 (35.2)	25.8 (35.7)	25.3 (35.6)
Respiratory organs (C30-C39)	6.7 (9.6)	6.9 (9.8)	7.0 (9.9)	7.4 (10.2)	7.6 (10.5)	7.1 (10.0)
Bone, cartilage, and skin (C40-C44)	0.5 (0.8)	0.5 (0.7)	0.5 (0.8)	0.5 (0.7)	0.5 (0.7)	0.5 (0.7)
Breast (C50)	10.7 (15.3)	10.9 (15.4)	10.9 (15.4)	11.2 (15.5)	11.1 (15.3)	11.0 (15.4)
Female genitalia (C51-C58)	10.7 (15.3)	10.7 (15.2)	10.5 (14.9)	10.5 (14.4)	10.4 (14.4)	10.5 (14.8)
Urinary organs (C64-C68)	1.5 (2.2)	1.5 (2.2)	1.6 (2.2)	1.5 (2.1)	1.6 (2.2)	1.5 (2.2)
Eye, brain, and thyroid (C69-C75)	3.5 (5.0)	3.5 (5.0)	3.6 (5.1)	3.7 (5.1)	3.7 (5.1)	3.6 (5.1)
Hematopoietic (C81-C96)	5.2 (7.5)	5.3 (7.5)	5.3 (7.5)	5.4 (7.4)	5.4 (7.4)	5.3 (7.5)
All sites	69.7 (100.0)	70.5 (100.0)	70.9 (100.0)	72.5 (100.0)	72.4 (100.0)	71.3 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	3.4 (4.1)	3.4 (4.0)	3.5 (4.1)	3.4 (3.9)	3.4 (3.9)	3.4 (4.0)
Digestive organs (C15-C26)	30.7 (37.1)	31.3 (37.4)	31.7 (37.5)	32.0 (37.3)	32.1 (37.3)	31.6 (37.3)
Respiratory organs (C30-C39)	12.4 (15.0)	12.8 (15.3)	12.8 (15.1)	12.8 (14.9)	13.1 (15.2)	12.8 (15.1)
Bone, cartilage, and skin (C40-C44)	0.7 (0.8)	0.6 (0.8)	0.7 (0.8)	0.7 (0.8)	0.7 (0.8)	0.7 (0.8)
Urinary organs (C64-C68)	2.5 (3.0)	2.5 (3.0)	2.5 (3.0)	2.6 (3.0)	2.6 (3.0)	2.5 (3.0)
Eye, brain, and thyroid (C69-C75)	3.8 (4.6)	3.8 (4.6)	4.0 (4.7)	3.9 (4.6)	4.0 (4.7)	3.9 (4.6)
Hematopoietic (C81-C96)	6.1 (7.4)	6.2 (7.4)	6.2 (7.3)	6.2 (7.2)	6.3 (7.3)	6.2 (7.3)
All sites	82.7 (100.0)	83.7 (100.0)	84.4 (100.0)	85.9 (100.0)	86.0 (100.0)	84.6 (100.0)

BRAZIL (2003-2007)
Mortality per 100,000 by Age Group (years)
Males

SITE	ALL DEATHS	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASMR (W)	CUM. RATE (0-74)†	Rank‡	ICD10
Lip, oral cavity, & pharynx (C00-14)	22947	0	0.0	0.0	0.0	0.1	0.2	0.1	0.4	1.4	4.3	10.0	16.5	21.7	27.0	28.5	30.5	34.6	5.0	59	0.7	5	C00-14
Oesophagus (C15)	25092	0	0.0	.	0.0	0.0	0.0	0.1	0.2	0.9	3.3	8.5	15.5	22.2	29.7	37.2	43.4	48.9	5.5	66	0.8	4	C15
Stomach (C16)	40343	0	0.0	0.0	0.0	0.0	0.1	0.4	1.0	2.0	4.2	9.0	15.5	25.3	41.4	62.6	86.8	121.7	8.8	105	1.2	3	C16
Colon (C18)	15037	0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	1.1	1.7	2.7	5.4	9.1	13.7	21.4	32.8	49.1	3.3	39	0.4		C18
Rectum (C19-C20)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C19-C20
Colorectal (C18-20)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C18-20
Rectum and anus (C19-21)	8891	0	.	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	2.1	3.3	5.7	8.4	11.9	19.0	26.3	1.9	23	0.3		C19-21
Colon, rectum and anus (C18-21)	23928	0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.8	2.8	4.8	8.7	14.8	22.1	33.2	51.9	75.4	5.2	6.1	0.7		C18-21
Liver (C22)	17399	0	0.2	0.0	0.0	0.1	0.2	0.2	0.5	0.9	1.8	4.2	8.0	12.5	19.3	25.5	34.5	44.4	3.8	45	0.5	6	C22
Gallbladder (C23-24)	3985	0	0.0	0.0	.	.	0.0	0.0	0.1	0.2	0.3	0.7	1.3	2.5	3.8	6.0	8.7	13.9	0.9	1.0	0.1	15	C23-24
Pancreas (C25)	14273	0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.4	3.0	5.4	10.0	15.1	21.6	31.5	42.4	3.1	3.7	0.4	8	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C30-31
Larynx (C32)	13694	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.5	4.9	8.6	12.8	17.1	19.7	23.9	24.6	3.0	3.6	0.4	9	C32
Lung, trachea and bronchus (C33-34)	59696	0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.3	4.1	10.5	22.0	40.3	69.0	105.6	147.0	164.5	13.0	159	2.0	1	C33-34
Melanoma of skin (C43)	3303	0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.7	1.0	1.6	2.5	3.1	3.8	5.1	7.4	0.7	0.8	0.1	16	C43
Mesothelioma (C45)	209	0	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.0	0.1	0.0	20	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C46
Breast (C50)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C50
Penis (C60)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C60
Prostate (C61)	51244	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.9	3.3	10.5	28.2	62.4	126.6	328.7	11.2	128	1.2	2	C61
Testis (C62)	1220	0	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.3	0.2	0.3	0.2	0.3	0.3	0.5	0.9	0.3	0.3	0.0	18	C62
Kidney (C64)	5759	0	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.6	1.4	2.5	4.3	6.3	7.8	11.1	13.7	1.3	1.5	0.2	13	C64
Bladder (C67)	8831	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.5	3.4	6.7	12.8	21.5	44.2	1.9	2.3	0.2	12	C67
Brain, CNS (C70-72)	16337	0	1.1	1.1	1.0	0.9	0.9	1.1	1.8	2.4	3.4	5.0	7.3	10.4	14.3	17.0	21.2	20.6	3.6	4.0	0.4	7	C70-72
Thyroid (C73)	814	0	.	.	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.8	2.5	0.2	0.2	0.0	19	C73
Hodgkin disease (C81)	1268	0	0.0	0.0	0.1	0.1	0.3	0.3	0.3	0.2	0.3	0.3	0.5	0.5	0.7	0.9	1.1	1.6	0.3	0.3	0.0	17	C81
Non-Hodgkin lymphoma (C82-85,C96)	9394	0	0.3	0.4	0.4	0.5	0.6	0.7	0.9	1.1	1.6	2.4	3.4	5.5	7.7	10.4	15.8	19.0	2.0	2.3	0.3	11	C82-85,C96
Multiple myeloma (C88+C90)	4497	0	0.0	.	.	.	0.0	0.0	0.1	0.1	0.4	1.0	1.8	3.5	5.4	7.6	9.9	11.4	1.0	1.2	0.1	14	C88+C90
Lymphoid leukaemia (C91)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C91
Myeloid leukaemia (C92-94)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C95
Leukaemia (C91-95)	14218	0	1.4	1.5	1.5	2.0	1.6	1.5	1.5	1.7	1.9	2.5	3.7	5.3	7.9	12.0	18.2	30.0	3.1	3.4	0.3	10	C91-95
All cancers but lung (C00-97/C33-34)	334792	0	4.6	4.2	4.1	5.9	6.6	8.1	11.9	19.5	36.9	74.1	127.5	203.2	305.9	441.1	644.8	1042.2	73.1	853	9.5		C00-97/C33-34
All sites (ALL)	394488	0	4.7	4.2	4.2	6.0	6.8	8.4	12.5	20.8	40.9	84.6	149.4	243.5	374.9	546.7	791.9	1206.6	86.1	101.2	11.5		ALL

UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative

†Percent

‡Rank based on highest ASMR excluding: All sites but lung and All sites

BRAZIL (2003-2007)
Mortality per 100,000 by Age Group (years)
Females

SITE	ALL DEATHS	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASMR (W)	CUM. RATE (0-74)†	Rank‡	ICD10
Lip, oral cavity, & pharynx (C00-14)	5560	0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.6	1.3	2.0	2.9	3.9	5.4	7.6	15.0	1.2	1.2	0.1	13	C00-14
Oesophagus (C15)	7465	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.2	2.5	4.2	6.8	8.9	12.5	19.4	1.6	1.6	0.2	11	C15
Stomach (C16)	21585	0	0.0	.	0.0	0.0	0.2	0.4	1.0	1.7	2.7	4.0	6.0	9.0	14.9	21.9	35.3	61.2	4.6	4.5	0.5	4	C16
Colon (C18)	17610	0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.1	1.9	3.4	5.2	8.2	12.1	17.4	26.8	52.4	3.7	3.6	0.4		C18
Rectum (C19-C20)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C19-C20
Colorectal (C18-20)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C18-20
Rectum and anus (C19-21)	9555	0	0.0	.	0.0	0.0	0.1	0.1	0.4	0.8	1.2	2.1	3.3	5.1	7.1	9.4	13.9	24.8	2.0	2.0	0.2		C19-21
Colon, rectum and anus (C18-21)	27165	0	0.0	0.0	0.0	0.1	0.2	0.4	1.0	1.9	3.1	5.5	8.5	13.4	19.1	26.8	40.7	77.1	5.8	5.6	0.6		C18-21
Liver (C22)	13999	0	0.1	0.0	0.0	0.1	0.1	0.2	0.4	0.7	1.3	2.7	4.1	7.3	11.0	16.1	23.9	35.9	3.0	3.0	0.3	7	C22
Gallbladder (C23-24)	8467	0	0.0	0.0	0.0	.	0.0	0.0	0.1	0.3	0.6	1.3	2.5	4.5	7.3	10.6	16.3	22.0	1.8	1.8	0.2	10	C23-24
Pancreas (C25)	14363	0	0.0	0.0	.	0.0	0.0	0.1	0.2	0.4	1.0	2.1	4.0	6.8	11.1	16.9	25.8	42.4	3.0	3.0	0.3	6	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C30-31
Larynx (C32)	1842	0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	2.0	2.1	3.1	3.7	0.4	0.4	0.0	19	C32
Lung, trachea and bronchus (C33-34)	30854	0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	1.4	3.2	6.9	12.2	18.7	28.7	38.1	51.2	64.6	6.6	6.7	0.8	3	C33-34
Melanoma of skin (C43)	2566	0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.8	1.0	1.3	1.6	2.1	3.0	5.5	0.5	0.5	0.1	18	C43
Mesothelioma (C45)	156	0	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.0	0.0	0.0	22	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C46
Breast (C50)	51222	0	0.0	.	0.0	0.0	0.1	0.9	3.0	6.9	12.6	20.0	27.9	35.5	39.6	43.1	53.6	78.5	10.9	11.0	1.2	1	C50
Cervix uteri (C53)	31787	0	0.0	0.0	.	0.0	0.3	1.4	3.1	5.8	8.8	13.3	15.4	19.1	23.6	28.2	32.1	41.4	6.7	6.8	0.8	2	C53
Corpus uteri (C54)	5052	0	.	.	.	0.0	0.0	0.0	0.1	0.1	0.3	0.6	1.6	2.9	5.1	7.0	9.5	11.9	1.1	1.1	0.1	14	C54
Ovary (C56)	12174	0	0.0	0.0	0.1	0.2	0.2	0.4	0.6	1.0	1.9	3.6	5.5	8.0	10.5	13.1	17.2	19.5	2.6	2.7	0.3	8	C56
Kidney (C64)	3592	0	0.2	0.2	0.0	0.1	0.1	0.1	0.1	0.2	0.4	0.7	1.3	1.8	2.6	3.4	5.2	8.2	0.8	0.8	0.1	17	C64
Bladder (C67)	3863	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.2	2.4	4.0	6.2	14.9	0.8	0.8	0.1	16	C67
Brain, CNS (C70-72)	14984	0	1.0	1.1	0.9	0.7	0.8	1.0	1.3	1.9	2.7	3.9	5.8	7.7	10.7	13.6	16.3	20.1	3.2	3.2	0.3	5	C70-72
Thyroid (C73)	1763	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.8	1.2	2.3	3.3	5.2	0.4	0.4	0.0	20	C73
Hodgkin disease (C81)	912	0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.4	0.7	0.7	1.1	0.2	0.2	0.0	21	C81
Non-Hodgkin lymphoma (C82-85,C96)	7471	0	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.5	2.1	3.2	5.2	7.4	10.6	16.2	1.6	1.6	0.2	12	C82-85,C96
Multiple myeloma (C88+C90)	4475	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.9	1.5	2.7	3.8	6.1	8.2	10.1	1.0	1.0	0.1	15	C88+C90
Lymphoid leukaemia (C91)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C91
Myeloid leukaemia (C92-94)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0		C95
Leukaemia (C91-95)	12305	0	1.3	1.2	1.2	1.3	1.1	1.1	1.2	1.5	1.7	2.3	2.9	4.2	6.0	8.7	12.6	21.6	2.6	2.6	0.2	9	C91-95
All cancers but lung (C00-97/C33-34)	305032	0	4.0	3.4	3.6	4.4	5.3	8.9	15.9	28.7	47.3	77.5	113.7	163.0	224.6	298.5	414.3	663.4	64.8	64.5	7.1		C00-97/C33-34
All sites (ALL)	335886	0	4.0	3.4	3.6	4.4	5.4	9.1	16.4	30.0	50.5	84.4	125.9	181.7	253.3	336.6	465.4	728.0	71.3	71.3	7.9		ALL

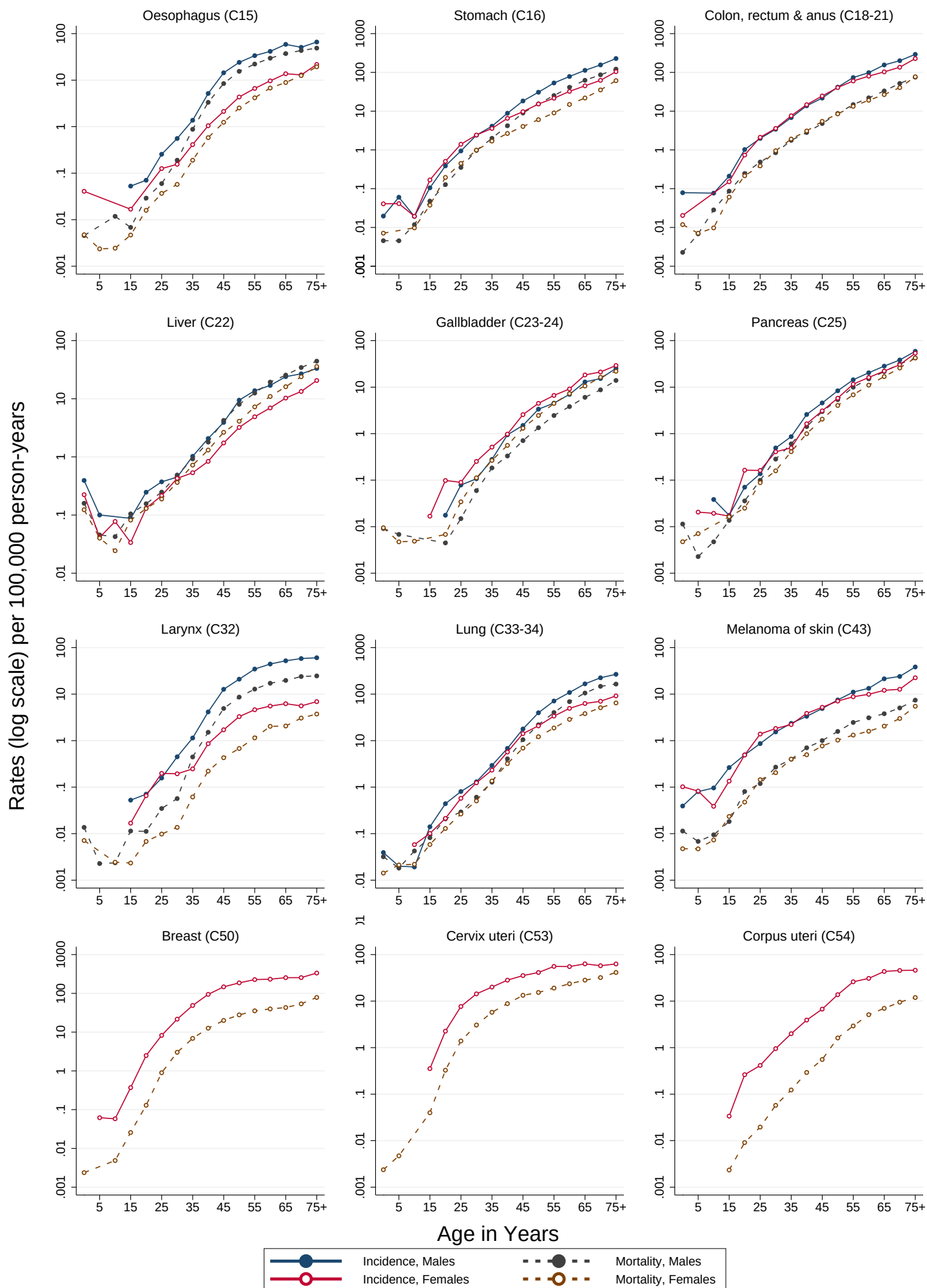
UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative

†Percent

‡Rank based on highest ASMR excluding: All sites but lung and All sites

BRAZIL (2003-2007)

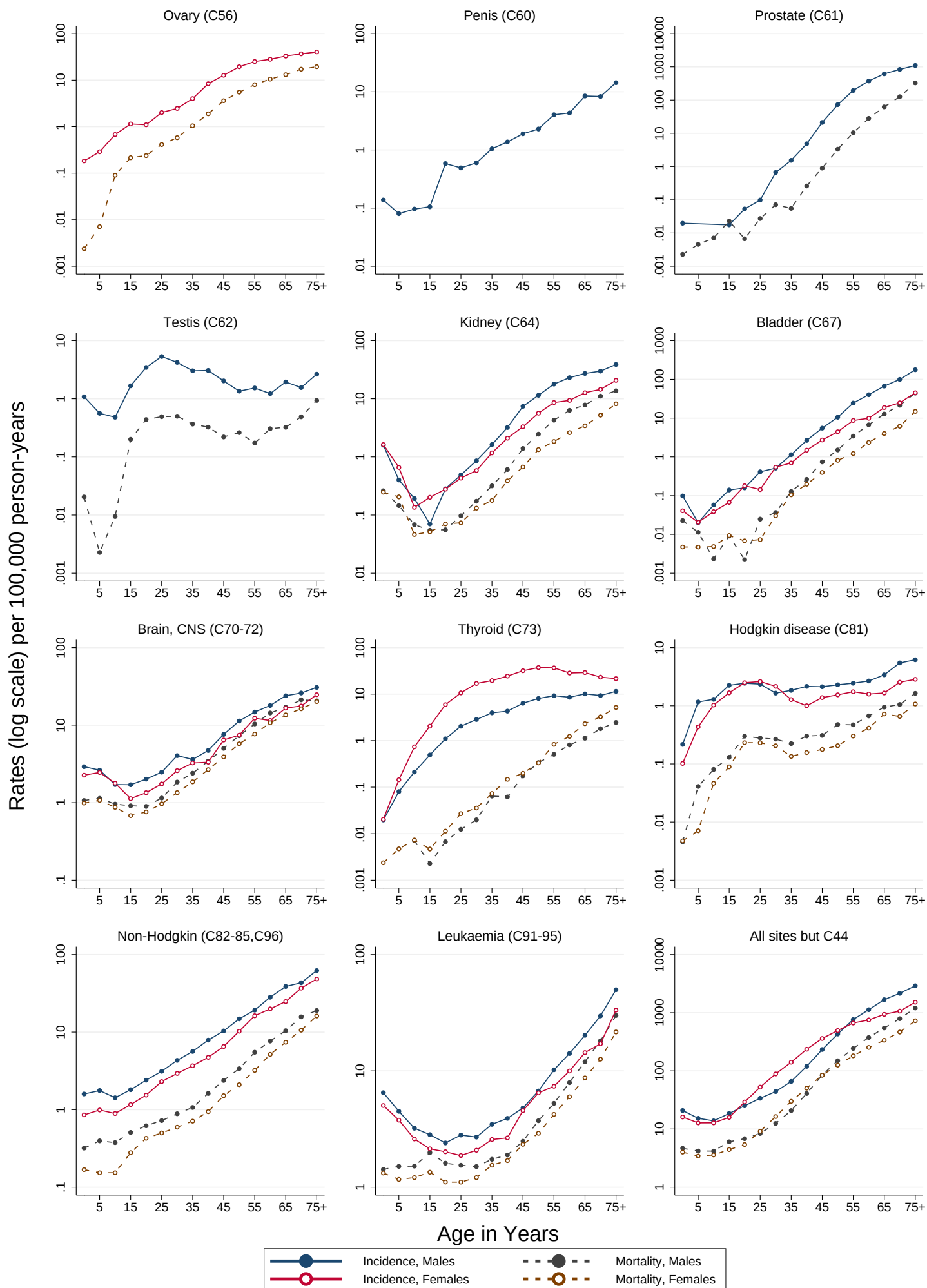
Age-specific incidence* and mortality rates per 100,000 person-years



*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, Sao Paulo

BRAZIL (2003-2007)

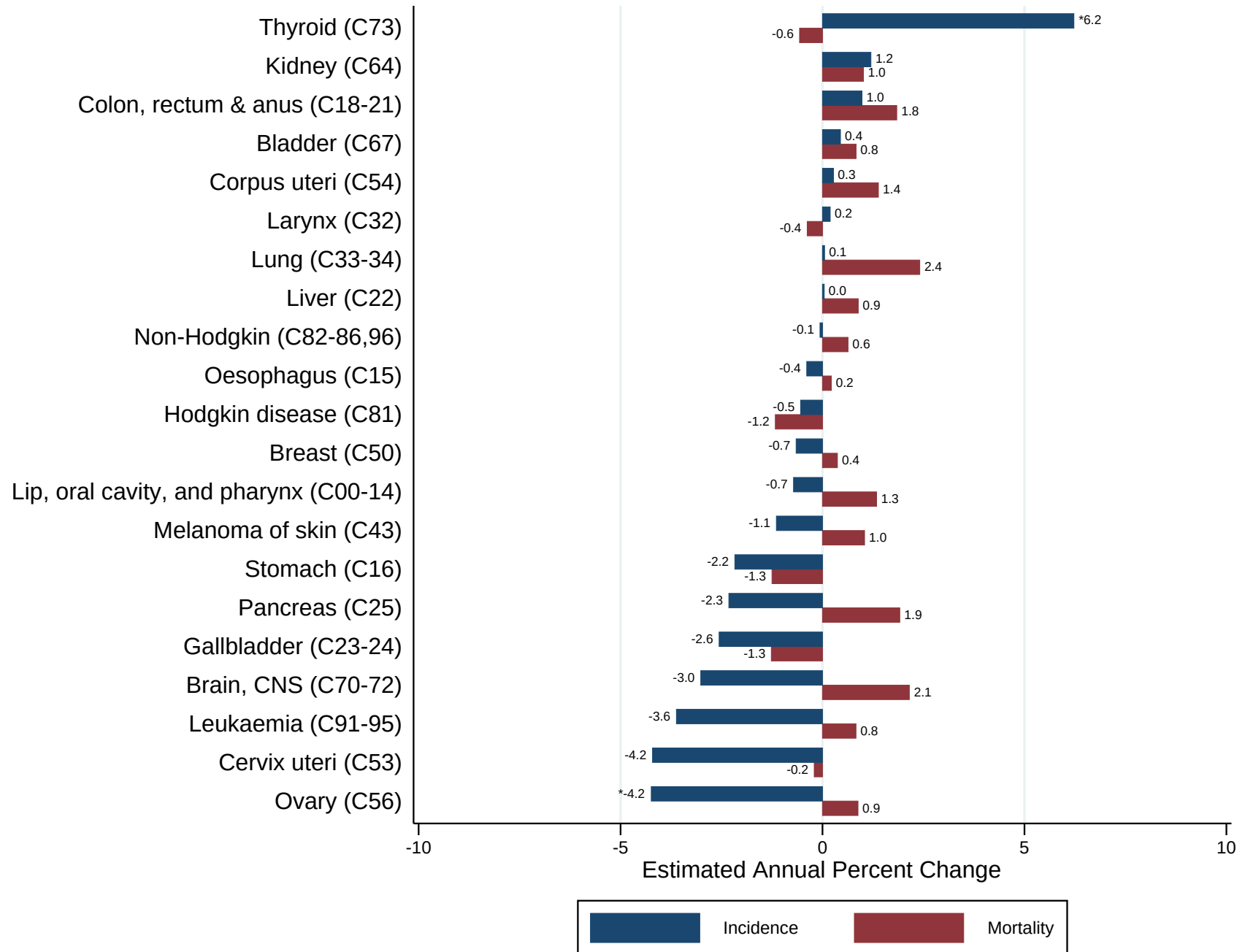
Age-specific incidence* and mortality rates per 100,000 person-years



*Aggregated data from the population-based cancer registries of Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador, Sao Paulo

BRAZIL (1997-2006)

Estimated Annual Percent Change in Incidence and Mortality Rates
by Cancer Site in Females, all ages

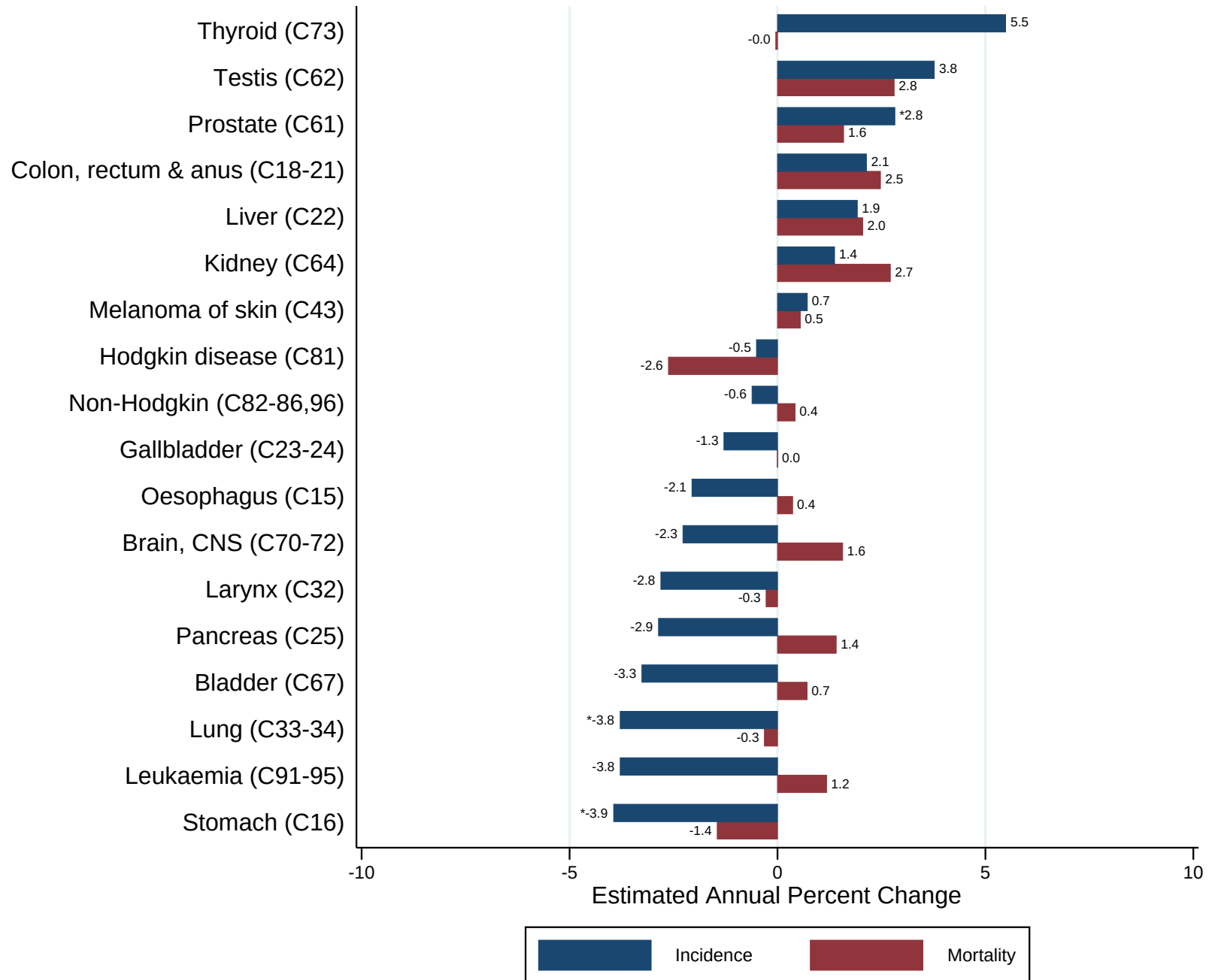


* The estimated annual percent change is statistically different from zero ($p \leq .05$)

Note: Incidence rates were estimated using data from the population-based cancer registry of Aracaju, Fortaleza, Goiania, and Sao Paulo

BRAZIL (1997-2006)

Estimated Annual Percent Change in Incidence and Mortality Rates
by Cancer Site in Males, all ages

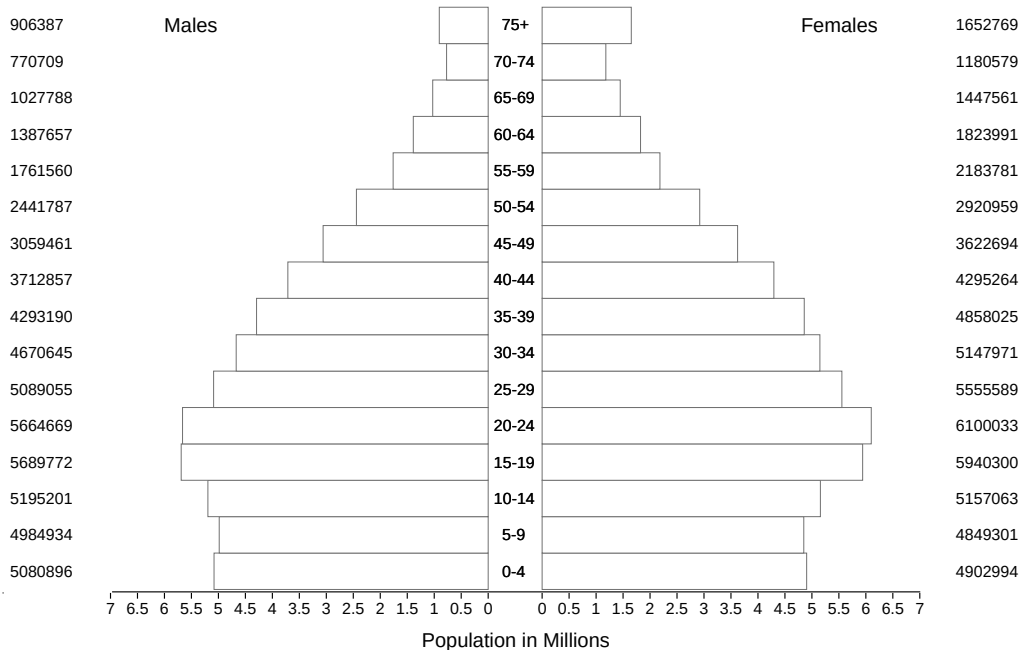


* The estimated annual percent change is statistically different from zero ($p \leq .05$)

Note: Incidence rates were estimated using data from the population-based cancer registry of Aracaju, Fortaleza, Goiania, and Sao Paulo

BRAZIL* (2003-2007)

Population Pyramid by Age



*Agregated population from Aracaju, Belo Horizonte, Campo Grande, Cuiaba, Curitiba, Fortaleza, Goiania, Jau, Joao Pessoa, Manaus, Natal, Pocos Caldas, Porto Alegre, Recife, Salvador and Sao Paulo