

Cancer in Central and South America

CHILE

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

CHILE, ANTOFAGASTA (2003-2007)

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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.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

CHILE, ANTOFAGASTA (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)	5 (0.9)	10 (1.5)	7 (1.3)	11 (1.6)	9 (1.3)	42 (1.3)
Digestive organs (C15-C26)	101 (18.7)	143 (21.9)	113 (20.6)	151 (21.8)	134 (19.8)	642 (20.6)
Respiratory organs (C30-C39)	119 (22.0)	132 (20.2)	136 (24.8)	152 (21.9)	152 (22.4)	691 (22.2)
Bone, cartilage, and skin (C40-C44)	99 (18.3)	131 (20.1)	102 (18.6)	136 (19.6)	137 (20.2)	605 (19.4)
Breast (C50)	0 (0.0)	1 (0.2)	1 (0.2)	0 (0.0)	0 (0.0)	2 (0.1)
Male genitalia (C60-C63)	109 (20.2)	105 (16.1)	87 (15.8)	106 (15.3)	103 (15.2)	510 (16.4)
Urinary organs (C64-C68)	68 (12.6)	71 (10.9)	51 (9.3)	76 (11.0)	76 (11.2)	342 (11.0)
Eye, brain, and thyroid (C69-C75)	4 (0.7)	13 (2.0)	9 (1.6)	11 (1.6)	13 (1.9)	50 (1.6)
Hematopoietic (C81-C96)	26 (4.8)	35 (5.4)	31 (5.6)	33 (4.8)	28 (4.1)	153 (4.9)
Other and unspecified	9 (1.7)	11 (1.7)	12 (2.2)	17 (2.5)	26 (3.8)	75 (2.4)
All sites	540 (100.0)	652 (100.0)	549 (100.0)	693 (100.0)	678 (100.0)	3112 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	4 (0.9)	4 (0.8)	5 (0.9)	7 (1.1)	10 (1.6)	30 (1.1)
Digestive organs (C15-C26)	102 (23.0)	109 (21.0)	116 (20.2)	88 (14.1)	123 (19.2)	538 (19.2)
Respiratory organs (C30-C39)	48 (10.8)	61 (11.8)	50 (8.7)	66 (10.6)	59 (9.2)	284 (10.1)
Bone, cartilage, and skin (C40-C44)	86 (19.4)	112 (21.6)	112 (19.5)	131 (21.0)	136 (21.3)	577 (20.6)
Breast (C50)	74 (16.7)	78 (15.1)	101 (17.6)	106 (17.0)	111 (17.4)	470 (16.8)
Female genitalia (C51-C58)	50 (11.3)	61 (11.8)	59 (10.3)	76 (12.2)	68 (10.6)	314 (11.2)
Urinary organs (C64-C68)	30 (6.8)	40 (7.7)	40 (7.0)	51 (8.2)	50 (7.8)	211 (7.5)
Eye, brain, and thyroid (C69-C75)	15 (3.4)	19 (3.7)	37 (6.4)	48 (7.7)	34 (5.3)	153 (5.5)
Hematopoietic (C81-C96)	24 (5.4)	26 (5.0)	39 (6.8)	35 (5.6)	34 (5.3)	158 (5.6)
Other and unspecified	10 (2.3)	8 (1.5)	15 (2.6)	17 (2.7)	14 (2.2)	64 (2.3)
All sites	443 (100.0)	518 (100.0)	574 (100.0)	625 (100.0)	639 (100.0)	2799 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	9 (0.9)	14 (1.2)	12 (1.1)	18 (1.4)	19 (1.4)	72 (1.2)
Digestive organs (C15-C26)	203 (20.7)	252 (21.5)	229 (20.4)	239 (18.1)	257 (19.5)	1180 (20.0)
Respiratory organs (C30-C39)	167 (17.0)	193 (16.5)	186 (16.6)	218 (16.5)	211 (16.0)	975 (16.5)
Bone, cartilage, and skin (C40-C44)	185 (18.8)	243 (20.8)	214 (19.1)	267 (20.3)	273 (20.7)	1182 (20.0)
Urinary organs (C64-C68)	98 (10.0)	111 (9.5)	91 (8.1)	127 (9.6)	126 (9.6)	553 (9.4)
Eye, brain, and thyroid (C69-C75)	19 (1.9)	32 (2.7)	46 (4.1)	59 (4.5)	47 (3.6)	203 (3.4)
Hematopoietic (C81-C96)	50 (5.1)	61 (5.2)	70 (6.2)	68 (5.2)	62 (4.7)	311 (5.3)
Other and unspecified	19 (1.9)	19 (1.6)	27 (2.4)	34 (2.6)	40 (3.0)	139 (2.4)
All sites	983 (100.0)	1170 (100.0)	1123 (100.0)	1318 (100.0)	1317 (100.0)	5911 (100.0)

CHILE, ANTOFAGASTA (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)	2.3 (0.9)	4.6 (1.5)	2.6 (1.0)	4.8 (1.6)	4.0 (1.4)	3.7 (1.3)
Digestive organs (C15-C26)	49.7 (19.3)	67.7 (22.2)	52.4 (21.3)	68.0 (22.6)	56.9 (20.2)	59.0 (21.2)
Respiratory organs (C30-C39)	57.7 (22.4)	64.4 (21.1)	62.1 (25.2)	68.5 (22.7)	65.5 (23.2)	63.8 (22.9)
Bone, cartilage, and skin (C40-C44)	44.3 (17.2)	58.9 (19.3)	43.5 (17.7)	57.4 (19.1)	55.9 (19.8)	52.2 (18.7)
Breast (C50)	0 (0.0)	0.6 (0.2)	0.5 (0.2)	0 (0.0)	0 (0.0)	0.2 (0.1)
Male genitalia (C60-C63)	54.0 (20.9)	49.8 (16.3)	40.5 (16.5)	45.9 (15.2)	42.3 (15.0)	46.4 (16.6)
Urinary organs (C64-C68)	31.8 (12.3)	33.9 (11.1)	22.4 (9.1)	32.9 (10.9)	31.7 (11.2)	30.6 (11.0)
Eye, brain, and thyroid (C69-C75)	1.6 (0.6)	5.7 (1.9)	3.7 (1.5)	3.9 (1.3)	4.6 (1.6)	3.9 (1.4)
Hematopoietic (C81-C96)	11.7 (4.5)	15.0 (4.9)	13.3 (5.4)	13.1 (4.3)	11.2 (4.0)	12.8 (4.6)
Other and unspecified	4.7 (1.8)	5.1 (1.7)	5.2 (2.1)	6.8 (2.2)	10.1 (3.6)	6.5 (2.3)
All sites	258.0 (100.0)	305.7 (100.0)	246.0 (100.0)	301.2 (100.0)	282.2 (100.0)	278.9 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.8 (1.0)	1.5 (0.7)	1.8 (0.8)	2.6 (1.1)	3.7 (1.6)	2.3 (1.1)
Digestive organs (C15-C26)	43.4 (23.7)	42.1 (20.7)	44.1 (20.0)	31.8 (13.7)	44.2 (19.4)	41.1 (19.2)
Respiratory organs (C30-C39)	20.1 (11.0)	25.1 (12.3)	19.2 (8.7)	26.2 (11.3)	21.2 (9.3)	22.4 (10.5)
Bone, cartilage, and skin (C40-C44)	34.0 (18.6)	43.3 (21.3)	42.0 (19.0)	48.8 (21.0)	48.1 (21.1)	43.5 (20.3)
Breast (C50)	30.5 (16.7)	30.5 (15.0)	39.7 (18.0)	39.6 (17.0)	39.3 (17.2)	36.0 (16.8)
Female genitalia (C51-C58)	20.3 (11.1)	23.3 (11.4)	22.2 (10.0)	28.4 (12.2)	23.5 (10.3)	23.6 (11.0)
Urinary organs (C64-C68)	13.4 (7.3)	16.1 (7.9)	16.2 (7.3)	18.8 (8.1)	18.2 (8.0)	16.7 (7.8)
Eye, brain, and thyroid (C69-C75)	5.6 (3.1)	7.6 (3.7)	14.9 (6.7)	17.2 (7.4)	11.9 (5.2)	11.5 (5.4)
Hematopoietic (C81-C96)	10.1 (5.5)	10.9 (5.4)	14.7 (6.6)	12.7 (5.5)	12.5 (5.5)	12.2 (5.7)
Other and unspecified	4.0 (2.2)	3.2 (1.6)	6.2 (2.8)	6.4 (2.7)	5.4 (2.4)	5.0 (2.4)
All sites	183.1 (100.0)	203.6 (100.0)	221.1 (100.0)	232.5 (100.0)	228.2 (100.0)	214.4 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	2.0 (0.9)	3.0 (1.2)	2.2 (1.0)	3.6 (1.4)	3.8 (1.5)	3.0 (1.2)
Digestive organs (C15-C26)	45.9 (21.4)	53.8 (21.7)	47.8 (20.8)	48.3 (18.6)	49.9 (20.0)	49.1 (20.4)
Respiratory organs (C30-C39)	37.0 (17.3)	43.6 (17.6)	39.4 (17.2)	45.1 (17.4)	42.3 (17.0)	41.6 (17.3)
Bone, cartilage, and skin (C40-C44)	39.4 (18.4)	50.1 (20.2)	42.9 (18.7)	52.4 (20.2)	51.0 (20.5)	47.3 (19.7)
Urinary organs (C64-C68)	22.0 (10.3)	24.3 (9.8)	19.2 (8.3)	25.4 (9.8)	23.8 (9.6)	23.0 (9.6)
Eye, brain, and thyroid (C69-C75)	3.5 (1.6)	6.5 (2.6)	9.1 (4.0)	10.4 (4.0)	8.1 (3.3)	7.6 (3.1)
Hematopoietic (C81-C96)	10.8 (5.0)	13.0 (5.2)	14.2 (6.2)	12.6 (4.9)	11.8 (4.7)	12.5 (5.2)
Other and unspecified	4.2 (2.0)	4.0 (1.6)	5.6 (2.4)	6.6 (2.5)	7.7 (3.1)	5.7 (2.4)
All sites	214.2 (100.0)	248.3 (100.0)	229.7 (100.0)	259.1 (100.0)	249.0 (100.0)	240.6 (100.0)

CHILE, ANTOFAGASTA (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)	42	0	0.8	.	.	.	.	.	.	0.9	1.8	6.2	6.6	5.4	12.9	23.3	31.9	32.8	3.0	3.7	0.45	81	0	15	C00-14
Oesophagus (C15)	54	0	.	.	.	.	.	.	.	.	.	4.1	.	5.4	7.7	46.6	74.5	84.2	3.8	5.3	0.69	67	24	8	C15
Stomach (C16)	258	0	.	.	.	.	0.8	0.9	1.7	1.7	10.0	15.6	30.2	44.9	80.0	139.7	266.0	285.5	18.3	23.6	2.96	76	15	3	C16
Colon (C18)	99	0	.	.	.	.	.	0.9	.	0.9	2.7	7.3	14.4	14.4	23.2	46.6	85.1	145.1	7.0	8.9	0.98	79	17		C18
Rectum (C19-20)	53	0	.	.	.	.	.	0.9	0.8	0.9	.	4.1	3.9	18.0	12.9	34.9	16.0	74.9	3.8	4.7	0.46	77	17		C19-20
Colorectal (C18-20)	152	0	.	.	.	.	1.8	0.8	0.8	1.7	2.7	11.4	18.4	32.4	36.1	81.5	101.1	220.0	10.8	13.7	1.44	78	17	5	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	.	.	.	.	1.8	.	.	5.3	9.4	0.3	0.4	0.04	100	0	24	C21
Colon, rectum and anus (C18-21)	156	0	.	.	.	.	.	1.8	0.8	1.7	2.7	11.4	18.4	34.1	36.1	81.5	106.4	229.3	11.1	14.0	1.48	79	17		C18-21
Liver (C22)	50	0	0.8	.	0.8	.	.	0.9	0.8	0.9	2.7	1.0	5.3	7.2	12.9	15.5	42.6	74.9	3.6	4.4	0.46	44	36	13	C22
Gallbladder (C23-24)	56	0	.	.	.	.	.	0.9	.	.	0.9	2.1	5.3	5.4	23.2	23.3	37.2	107.6	4.0	5.3	0.49	46	41	9	C23-24
Pancreas (C25)	59	0	.	.	.	.	.	.	.	.	0.9	5.2	7.9	12.6	23.2	58.2	58.5	23.4	4.2	5.6	0.83	29	41	7	C25
Nose, sinuses (C30-31)	14	0	.	.	.	.	.	.	0.8	0.9	0.9	.	1.3	3.6	10.3	3.9	5.3	9.4	1.0	1.2	0.14	79	14	22	C30-31
Larynx (C32)	38	0	.	.	.	.	.	.	0.8	0.9	0.9	3.1	5.3	9.0	15.5	19.4	21.3	37.4	2.7	3.3	0.38	74	13	16	C32
Lung, trachea and bronchus (C33-34)	597	0	.	.	.	.	.	0.9	1.7	0.9	11.8	22.8	61.7	163.6	271.0	388.1	505.5	561.6	42.4	55.7	7.14	56	26	1	C33-34
Melanoma of skin (C43)	27	0	.	.	.	1.6	.	.	.	3.4	0.9	4.1	3.9	14.4	2.6	3.9	10.6	4.7	1.9	2.0	0.23	100	0	18	C43
Mesothelioma (C45)	5	0	.	.	.	.	.	0.8	0.9	0.9	0.9	.	.	.	.	.	.	9.4	0.4	0.3	0.01	100	0	25	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	.	.	.	0.9	.	.	.	.	.	.	.	.	0.1	0.1	0.00	100	0	27	C46
Breast (C50)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.7	0.1	0.2	0.02	100	0	26	C50
Penis (C60)	19	0	.	.	.	.	.	.	.	0.9	.	2.1	7.9	3.6	2.6	3.9	10.6	18.7	1.3	1.5	0.16	84	11	20	C60
Prostate (C61)	406	0	.	.	.	.	.	.	.	0.9	.	10.4	13.1	66.5	62.0	260.0	473.5	786.2	28.8	39.5	4.43	79	15	2	C61
Testis (C62)	82	0	1.7	.	.	2.4	5.7	15.8	16.6	8.6	10.0	2.1	2.6	5.4	2.6	3.9	.	9.4	5.8	5.1	0.39	91	7	10	C62
Kidney (C64)	111	0	0.8	.	.	.	.	.	.	2.6	1.8	7.3	10.5	21.6	51.6	54.3	95.8	121.7	7.9	10.2	1.23	75	15	6	C64
Bladder (C67)	197	0	.	.	.	.	.	.	.	1.7	9.1	19.7	14.4	48.5	62.0	69.9	180.9	243.4	14.0	17.6	2.03	80	13	4	C67
Brain, CNS (C70-72)	21	0	4.2	.	0.8	.	0.8	.	.	.	3.6	2.1	2.6	1.8	2.6	3.9	.	14.0	1.5	1.7	0.11	57	33	19	C70-72
Thyroid (C73)	20	0	.	.	.	.	0.8	0.9	1.7	2.6	0.9	3.1	3.9	1.8	2.6	7.8	10.6	.	1.4	1.4	0.18	95	5	21	C73
Hodgkin disease (C81)	13	0	0.8	.	.	0.8	.	0.9	.	1.7	1.8	1.0	2.6	1.8	.	.	.	9.4	0.9	0.9	0.06	100	0	23	C81
Non-Hodgkin lymphoma (C82-85;C96)	52	0	2.5	.	3.1	0.8	.	1.8	1.7	3.4	3.6	5.2	3.9	12.6	7.7	7.8	26.6	32.8	3.7	4.1	0.40	100	0	14	C82-85;C96
Multiple myeloma (C88-C90)	31	0	.	.	.	.	.	0.9	.	0.9	.	3.1	2.6	9.0	7.7	38.8	21.3	9.4	2.2	2.9	0.42	100	0	17	C88-C90
Lymphoid leukaemia (C91)	11	0	1.7	2.5	0.8	.	0.8	0.9	.	.	.	.	.	.	2.6	3.9	5.3	.	0.8	1.0	0.09	100	0		C91
Myeloid leukaemia (C92-94)	29	0	1.7	.	1.6	.	.	.	0.8	1.7	0.9	2.1	1.3	5.4	7.7	7.8	10.6	37.4	2.1	2.5	0.21	100	0		C92-94
Leukaemia unspecified (C95)	17	0	5.1	0.8	0.8	0.8	.	0.9	.	.	0.9	1.0	.	1.8	.	.	5.3	14.0	1.2	1.5	0.09	100	0		C95
Leukaemia (C91-95)	57	0	8.5	3.3	3.1	0.8	0.8	1.8	0.8	1.7	1.8	3.1	1.3	7.2	10.3	11.6	21.3	51.5	4.0	4.9	0.39	100	0	11	C91-95
Other and unspecified (O&U)	52	0	.	0.8	0.8	.	.	.	.	.	1.8	4.1	9.2	19.8	12.9	31.0	42.6	23.4	3.7	4.5	0.62	67	10	12	O&U
All sites but C44 (ALLbC44)	2556	0	23.7	4.1	11.0	14.5	11.4	29.8	30.7	42.2	74.3	149.4	246.9	523.0	764.1	1346.6	2112.3	2864.1	181.5	230.4	26.92	72	18		ALLbC44
All sites (ALL)	3112	0	23.7	4.1	11.0	15.3	13.8	29.8	34.0	53.3	103.2	190.9	334.9	645.2	980.9	1622.1	2431.5	3392.9	221.0	278.9	32.47	77	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

CHILE, ANTOFAGASTA (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)	30	0	0.9	.	0.8	.	0.9	.	.	.	1.1	3.6	3.0	7.8	7.7	6.9	17.1	22.7	2.3	2.3	0.25	80	3	18	C00-14
Oesophagus (C15)	38	0	.	.	.	.	.	.	1.0	1.0	.	1.2	1.5	5.9	5.1	20.6	21.4	51.2	2.9	2.8	0.29	58	21	17	C15
Stomach (C16)	100	0	.	.	.	.	.	.	1.0	3.1	3.2	12.0	1.5	17.7	25.7	37.7	64.2	105.2	7.7	7.5	0.83	60	27	8	C16
Colon (C18)	120	0	.	.	.	0.9	.	1.0	.	1.0	7.6	1.2	7.6	25.5	30.8	65.1	85.6	113.7	9.3	9.3	1.13	77	18		C18
Rectum (C19-20)	34	0	.	.	.	.	.	1.0	1.0	1.0	.	3.6	9.1	9.8	2.6	13.7	12.8	25.6	2.6	2.5	0.27	85	15		C19-20
Colorectal (C18-20)	154	0	.	.	.	0.9	.	2.0	1.0	2.1	7.6	4.8	16.6	35.3	33.3	78.8	98.4	139.3	11.9	11.9	1.40	79	18	3	C18-20
Anus (C21)	14	0	.	.	.	.	.	.	.	.	1.1	1.2	4.5	2.0	.	3.4	8.6	14.2	1.1	1.0	0.10	71	7	24	C21
Colon, rectum and anus (C18-21)	168	0	.	.	.	0.9	.	2.0	1.0	2.1	8.6	6.0	21.2	37.3	33.3	82.2	107.0	153.5	13.0	12.9	1.51	78	17		C18-21
Liver (C22)	43	0	0.9	.	.	.	.	.	1.0	1.0	.	.	3.0	5.9	23.1	13.7	17.1	51.2	3.3	3.3	0.33	53	26	14	C22
Gallbladder (C23-24)	125	0	.	.	.	.	.	.	.	.	3.2	8.4	13.6	11.8	41.0	89.1	72.7	116.5	9.6	9.9	1.20	57	22	5	C23-24
Pancreas (C25)	57	0	.	.	.	.	.	.	.	1.0	3.2	2.4	3.0	11.8	20.5	17.1	25.7	68.2	4.4	4.2	0.42	32	46	13	C25
Nose, sinuses (C30-31)	6	0	.	.	.	.	.	.	.	.	1.1	1.2	1.5	.	2.6	.	.	5.7	0.5	0.4	0.03	67	17	25	C30-31
Larynx (C32)	14	0	.	.	.	.	.	.	1.0	.	.	1.2	3.0	3.9	7.7	.	17.1	2.8	1.1	1.1	0.17	79	7	22	C32
Lung, trachea and bronchus (C33-34)	244	0	.	.	.	0.9	0.9	1.0	2.9	1.0	9.7	21.6	21.2	31.4	82.1	133.6	184.0	187.6	18.8	19.4	2.45	57	23	2	C33-34
Melanoma of skin (C43)	27	0	.	.	.	.	.	.	1.0	.	3.2	2.4	9.1	.	10.3	6.9	12.8	17.1	2.1	2.1	0.23	100	0	19	C43
Mesothelioma (C45)	3	0	.	.	.	.	.	.	.	.	1.1	.	.	.	2.6	3.4	.	.	0.2	0.3	0.04	100	0	26	C45
Kaposi sarcoma (C46)	1	0	.	.	.	.	0.9	.	.	.	.	.	.	.	.	.	.	.	0.1	0.1	0.00	100	0	27	C46
Breast (C50)	470	0	.	.	.	.	.	2.0	4.8	21.8	40.0	98.4	92.2	113.7	128.3	116.5	205.4	204.7	36.2	36.0	4.12	91	5	1	C50
Cervix uteri (C53)	161	0	.	.	.	.	0.9	4.9	13.5	16.6	20.5	25.2	31.7	29.4	28.2	24.0	55.6	51.2	12.4	11.8	1.25	84	9	4	C53
Corpus uteri (C54)	39	0	.	.	.	.	.	.	1.0	1.0	4.3	3.6	7.6	7.8	12.8	13.7	21.4	19.9	3.0	3.0	0.37	87	5	16	C54
Ovary (C56)	65	0	.	.	.	.	.	.	2.9	5.2	4.3	8.4	10.6	15.7	18.0	37.7	17.1	25.6	5.0	5.1	0.60	74	17	10	C56
Kidney (C64)	69	0	1.8	.	.	.	0.9	.	.	.	1.1	4.8	7.6	17.7	30.8	30.8	34.2	51.2	5.3	5.6	0.65	71	17	9	C64
Bladder (C67)	126	0	.	.	.	.	.	.	.	1.0	6.5	2.4	9.1	25.5	38.5	54.8	111.2	116.5	9.7	9.8	1.25	79	10	6	C67
Brain, CNS (C70-72)	23	0	1.8	1.7	1.6	.	.	1.0	.	1.0	2.2	2.4	1.5	.	10.3	3.4	12.8	5.7	1.8	1.9	0.20	48	30	21	C70-72
Thyroid (C73)	127	0	.	.	.	1.7	3.8	4.9	9.6	11.4	16.2	28.8	28.7	19.6	25.7	24.0	4.3	25.6	9.8	9.4	0.89	98	2	7	C73
Hodgkin disease (C81)	15	0	.	.	0.8	.	1.9	.	.	1.0	.	4.8	4.5	.	.	3.4	8.6	2.8	1.2	1.1	0.13	100	0	23	C81
Non-Hodgkin lymphoma (C82-85; C96)	63	0	0.9	.	.	.	.	2.0	.	1.0	5.4	7.2	10.6	9.8	20.5	13.7	17.1	56.8	4.9	4.7	0.44	100	0	11	C82-85;C96
Multiple myeloma (C88-C90)	24	0	.	.	.	.	.	.	.	.	.	2.4	4.5	.	7.7	24.0	8.6	19.9	1.9	2.0	0.24	100	0	20	C88-C90
Lymphoid leukaemia (C91)	18	0	1.8	2.6	0.8	0.9	0.9	.	.	.	.	4.8	3.0	2.0	2.6	3.4	.	2.8	1.4	1.5	0.11	100	0		C91
Myeloid leukaemia (C92-94)	25	0	.	.	0.8	0.9	.	.	1.0	1.0	3.2	3.6	1.5	2.0	7.7	13.7	4.3	14.2	1.9	1.9	0.20	100	0		C92-94
Leukaemia unspecified (C95)	13	0	.	3.4	.	.	.	.	1.0	.	1.1	.	1.5	2.0	.	.	12.8	5.7	1.0	1.0	0.11	100	0		C95
Leukaemia (C91-95)	56	0	1.8	6.0	1.6	1.7	0.9	.	1.9	1.0	4.3	8.4	6.0	5.9	10.3	17.1	17.1	22.7	4.3	4.4	0.42	100	0	12	C91-95
Other and unspecified (O&U)	38	0	0.9	.	.	.	.	.	.	.	1.1	1.2	4.5	7.8	18.0	20.6	12.8	34.1	2.9	3.1	0.33	63	18	15	O&U
All sites but C44 (ALLbC44)	2258	0	9.7	7.8	6.5	6.9	13.1	17.7	45.3	80.1	152.4	277.3	320.3	400.1	649.0	825.5	1086.7	1508.5	174.1	173.5	19.49	78	13		ALLbC44
All sites (ALL)	2799	0	9.7	8.6	6.5	7.8	13.1	21.6	55.0	96.7	201.0	338.5	391.4	513.8	782.4	1010.4	1343.4	1910.1	215.9	214.4	24.00	82	11		ALL

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

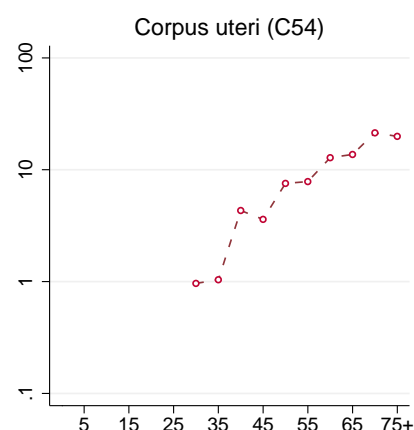
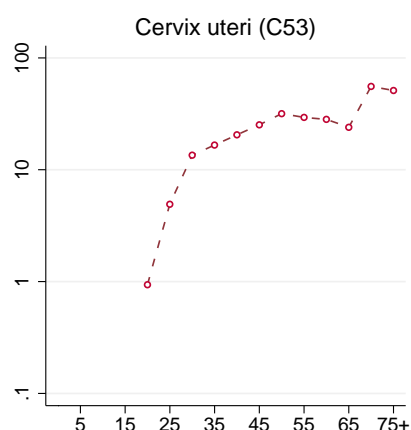
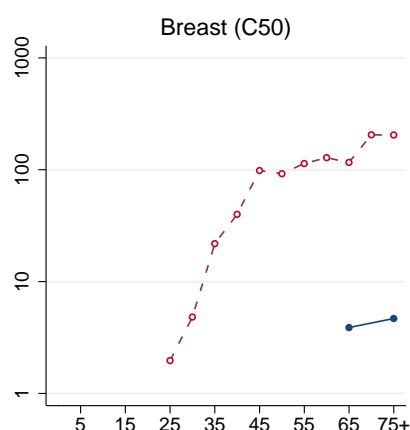
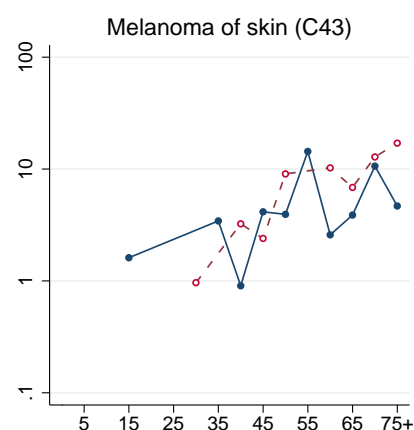
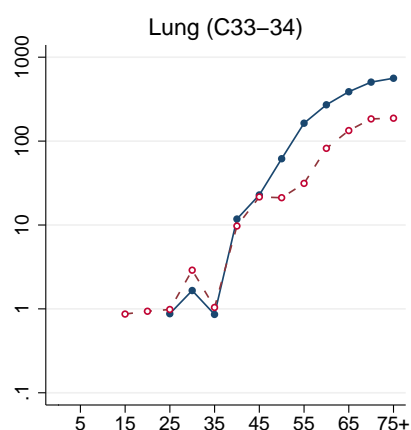
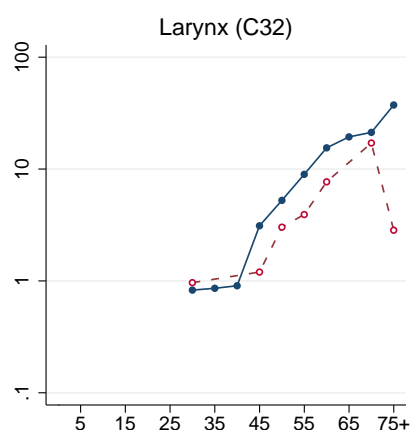
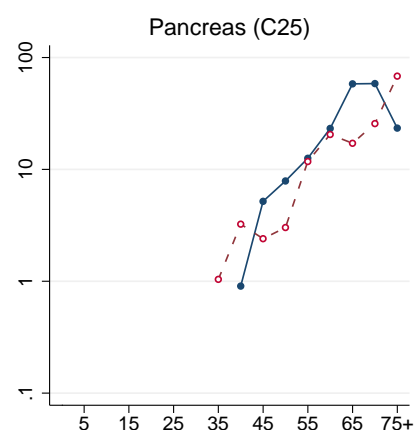
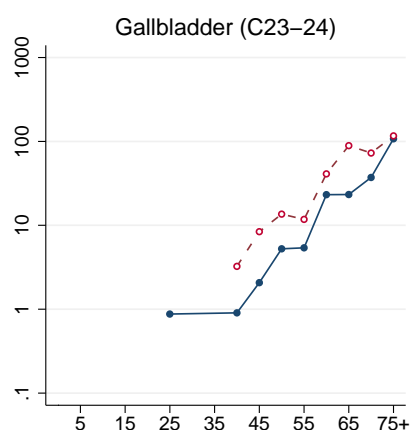
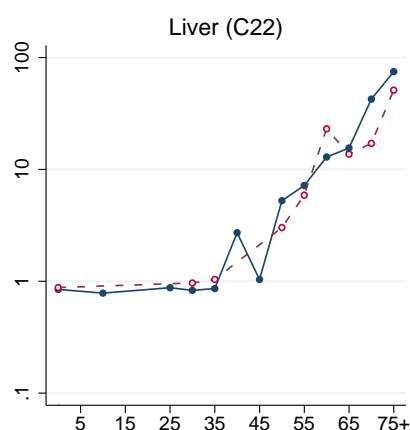
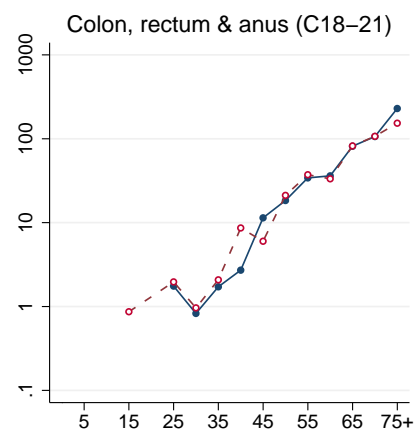
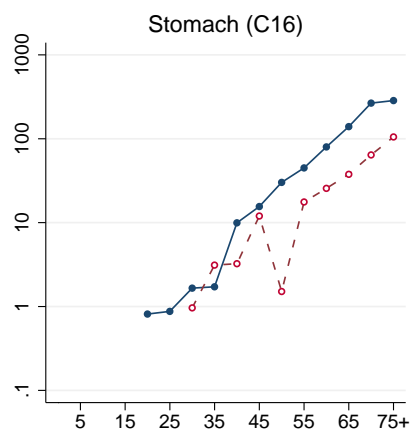
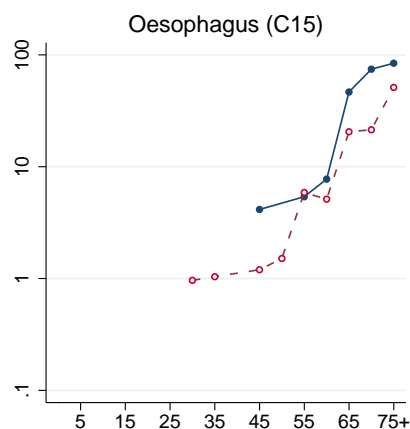
†Percent

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

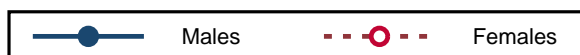
CHILE, ANTOFAGASTA (2003–2007)

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

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



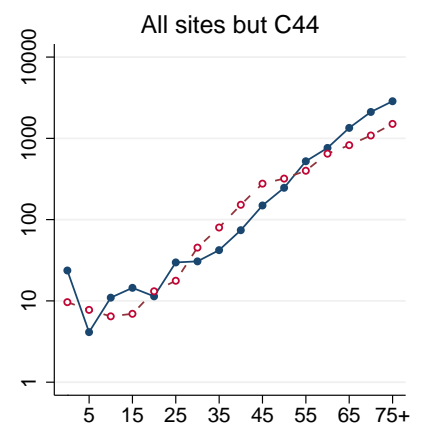
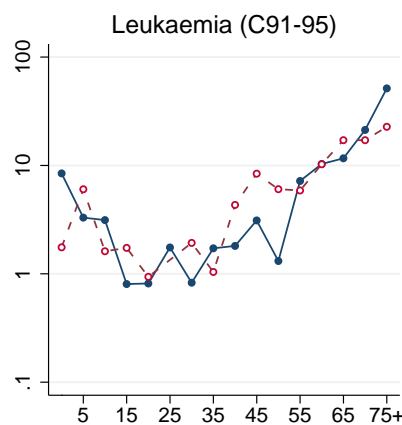
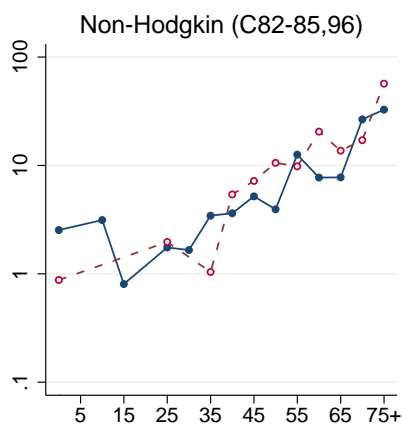
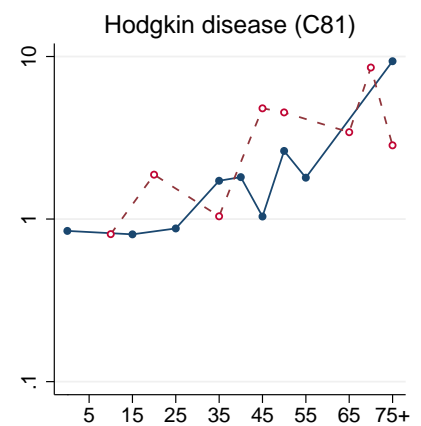
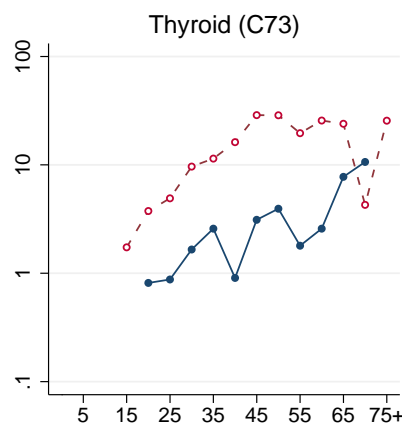
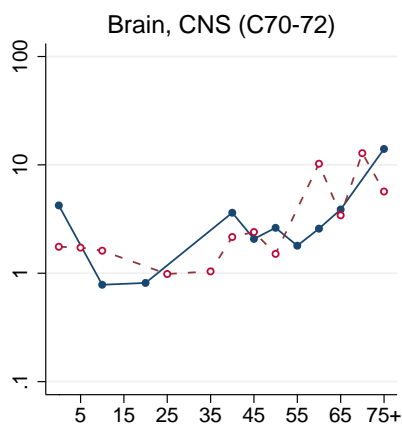
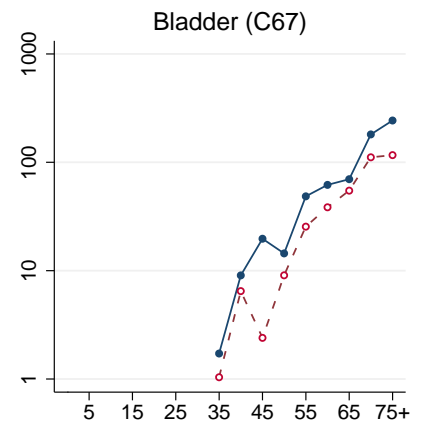
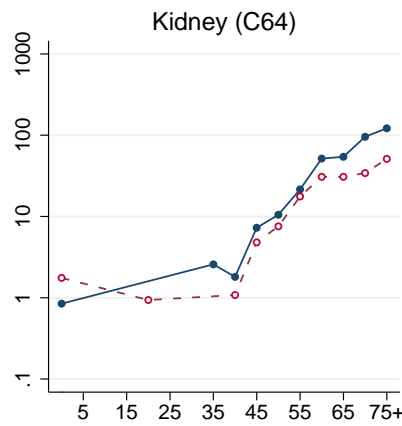
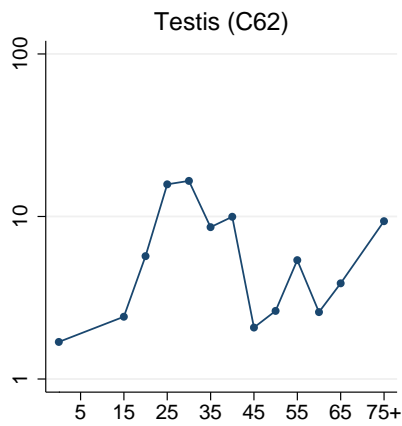
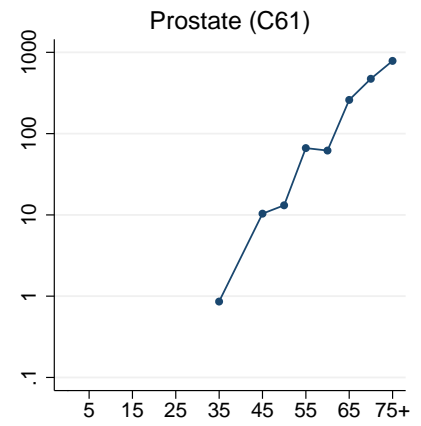
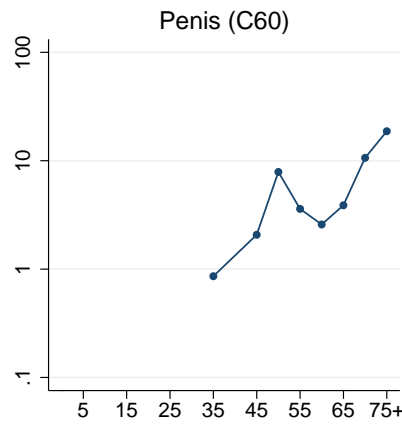
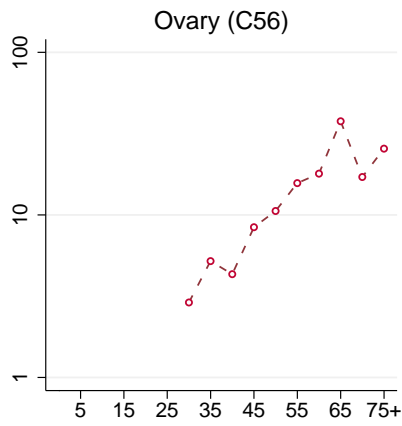
Age in Years



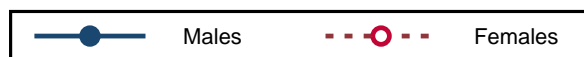
CHILE, ANTOFAGASTA (2003-2007)

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

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

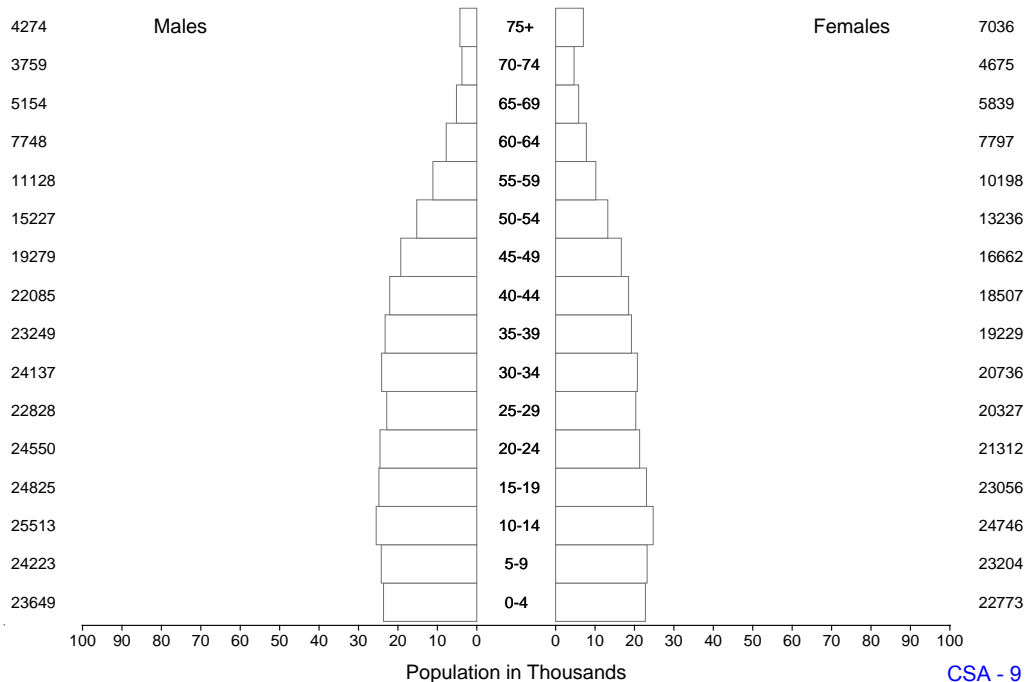


Age in Years



CHILE, ANTOFAGASTA (2003-2007)

Average annual person-years



Registry Summary Tables and Figures

CHILE, VALDIVIA (1993-2008)

Registry Director*: Mrs. Ana María Jofré Salazar

Registry Staff*: María Enriqueta Bertrán Vives, Katy Elena Heise Mora, Solange Marisel Vargas Gallagher

*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.

CHILE, VALDIVIA (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)	2 (0.8)	6 (1.9)	1 (0.4)	4 (1.2)	6 (1.8)	19 (1.3)
Digestive organs (C15-C26)	98 (38.7)	141 (45.8)	113 (43.3)	147 (44.5)	132 (39.5)	631 (42.5)
Respiratory organs (C30-C39)	18 (7.1)	15 (4.9)	15 (5.7)	24 (7.3)	27 (8.1)	99 (6.7)
Bone, cartilage, and skin (C40-C44)	18 (7.1)	14 (4.5)	19 (7.3)	17 (5.2)	23 (6.9)	91 (6.1)
Breast (C50)	1 (0.4)	1 (0.3)	1 (0.4)	0 (0.0)	0 (0.0)	3 (0.2)
Male genitalia (C60-C63)	62 (24.5)	62 (20.1)	50 (19.2)	77 (23.3)	82 (24.6)	333 (22.4)
Urinary organs (C64-C68)	9 (3.6)	13 (4.2)	13 (5.0)	15 (4.5)	14 (4.2)	64 (4.3)
Eye, brain, and thyroid (C69-C75)	5 (2.0)	4 (1.3)	2 (0.8)	5 (1.5)	7 (2.1)	23 (1.5)
Hematopoietic (C81-C96)	12 (4.7)	15 (4.9)	24 (9.2)	11 (3.3)	21 (6.3)	83 (5.6)
Other and unspecified	28 (11.1)	37 (12.0)	23 (8.8)	30 (9.1)	22 (6.6)	140 (9.4)
All sites	253 (100.0)	308 (100.0)	261 (100.0)	330 (100.0)	334 (100.0)	1486 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	2 (0.7)	1 (0.3)	3 (1.0)	2 (0.6)	3 (0.9)	11 (0.7)
Digestive organs (C15-C26)	83 (27.9)	100 (34.1)	122 (41.8)	150 (46.7)	121 (36.1)	576 (37.4)
Respiratory organs (C30-C39)	10 (3.4)	8 (2.7)	13 (4.5)	9 (2.8)	10 (3.0)	50 (3.2)
Bone, cartilage, and skin (C40-C44)	17 (5.7)	19 (6.5)	23 (7.9)	15 (4.7)	14 (4.2)	88 (5.7)
Breast (C50)	43 (14.4)	43 (14.7)	32 (11.0)	29 (9.0)	36 (10.7)	183 (11.9)
Female genitalia (C51-C58)	68 (22.8)	58 (19.8)	51 (17.5)	54 (16.8)	74 (22.1)	305 (19.8)
Urinary organs (C64-C68)	10 (3.4)	9 (3.1)	7 (2.4)	5 (1.6)	14 (4.2)	45 (2.9)
Eye, brain, and thyroid (C69-C75)	13 (4.4)	7 (2.4)	10 (3.4)	8 (2.5)	13 (3.9)	51 (3.3)
Hematopoietic (C81-C96)	11 (3.7)	11 (3.8)	13 (4.5)	15 (4.7)	22 (6.6)	72 (4.7)
Other and unspecified	41 (13.8)	37 (12.6)	18 (6.2)	34 (10.6)	28 (8.4)	158 (10.3)
All sites	298 (100.0)	293 (100.0)	292 (100.0)	321 (100.0)	335 (100.0)	1539 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	4 (0.7)	7 (1.2)	4 (0.7)	6 (0.9)	9 (1.3)	30 (1.0)
Digestive organs (C15-C26)	181 (32.8)	241 (40.1)	235 (42.5)	297 (45.6)	253 (37.8)	1207 (39.9)
Respiratory organs (C30-C39)	28 (5.1)	23 (3.8)	28 (5.1)	33 (5.1)	37 (5.5)	149 (4.9)
Bone, cartilage, and skin (C40-C44)	35 (6.4)	33 (5.5)	42 (7.6)	32 (4.9)	37 (5.5)	179 (5.9)
Urinary organs (C64-C68)	19 (3.4)	22 (3.7)	20 (3.6)	20 (3.1)	28 (4.2)	109 (3.6)
Eye, brain, and thyroid (C69-C75)	18 (3.3)	11 (1.8)	12 (2.2)	13 (2.0)	20 (3.0)	74 (2.4)
Hematopoietic (C81-C96)	23 (4.2)	26 (4.3)	37 (6.7)	26 (4.0)	43 (6.4)	155 (5.1)
Other and unspecified	69 (12.5)	74 (12.3)	41 (7.4)	64 (9.8)	50 (7.5)	298 (9.9)
All sites	551 (100.0)	601 (100.0)	553 (100.0)	651 (100.0)	669 (100.0)	3025 (100.0)

CHILE, VALDIVIA (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)	1.4 (0.8)	4.3 (2.2)	0.5 (0.3)	2.4 (1.2)	4.0 (2.0)	2.6 (1.4)
Digestive organs (C15-C26)	65.8 (39.6)	91.2 (46.6)	73.5 (44.9)	90.9 (44.9)	81.5 (40.3)	80.7 (43.3)
Respiratory organs (C30-C39)	12.9 (7.8)	10.3 (5.3)	9.7 (5.9)	15.9 (7.8)	16.6 (8.2)	13.1 (7.0)
Bone, cartilage, and skin (C40-C44)	12.2 (7.3)	8.7 (4.5)	12.3 (7.5)	10.2 (5.0)	12.5 (6.2)	11.2 (6.0)
Breast (C50)	0.5 (0.3)	0.5 (0.3)	0.5 (0.3)	0 (0.0)	0 (0.0)	0.3 (0.2)
Male genitalia (C60-C63)	38.7 (23.3)	37.5 (19.2)	28.4 (17.3)	44.9 (22.1)	48.1 (23.8)	39.6 (21.3)
Urinary organs (C64-C68)	6.4 (3.9)	8.2 (4.2)	8.3 (5.1)	9.7 (4.8)	9.7 (4.8)	8.5 (4.5)
Eye, brain, and thyroid (C69-C75)	3.1 (1.9)	2.6 (1.3)	1.3 (0.8)	3.3 (1.6)	3.9 (1.9)	2.8 (1.5)
Hematopoietic (C81-C96)	6.9 (4.2)	9.5 (4.9)	14.6 (8.9)	6.7 (3.3)	12.7 (6.3)	10.1 (5.4)
Other and unspecified	18.2 (10.9)	22.8 (11.6)	14.5 (8.9)	18.5 (9.1)	13.3 (6.6)	17.4 (9.4)
All sites	166.2 (100.0)	195.7 (100.0)	163.6 (100.0)	202.7 (100.0)	202.2 (100.0)	186.3 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.2 (0.7)	0.6 (0.3)	1.7 (1.0)	1.2 (0.7)	1.7 (0.9)	1.3 (0.7)
Digestive organs (C15-C26)	49.9 (27.4)	59.7 (33.4)	70.4 (41.8)	78.4 (43.9)	65.3 (34.9)	65.0 (36.3)
Respiratory organs (C30-C39)	6.3 (3.5)	5.0 (2.8)	7.5 (4.4)	5.4 (3.0)	5.4 (2.9)	5.9 (3.3)
Bone, cartilage, and skin (C40-C44)	9.3 (5.1)	11.0 (6.1)	12.7 (7.6)	8.0 (4.5)	7.8 (4.2)	9.7 (5.4)
Breast (C50)	27.1 (14.9)	26.4 (14.7)	19.1 (11.3)	17.5 (9.8)	21.7 (11.6)	22.3 (12.4)
Female genitalia (C51-C58)	41.8 (23.0)	37.4 (20.9)	29.3 (17.4)	32.8 (18.4)	41.4 (22.1)	36.5 (20.4)
Urinary organs (C64-C68)	5.8 (3.2)	5.6 (3.1)	3.9 (2.3)	3.1 (1.7)	7.8 (4.2)	5.2 (2.9)
Eye, brain, and thyroid (C69-C75)	8.1 (4.4)	4.1 (2.3)	5.6 (3.3)	4.7 (2.6)	7.5 (4.0)	6.0 (3.4)
Hematopoietic (C81-C96)	7.4 (4.1)	6.4 (3.6)	8.1 (4.8)	8.4 (4.7)	12.7 (6.8)	8.6 (4.8)
Other and unspecified	25.1 (13.8)	22.7 (12.7)	10.0 (6.0)	19.2 (10.7)	15.8 (8.4)	18.4 (10.3)
All sites	181.9 (100.0)	178.8 (100.0)	168.3 (100.0)	178.6 (100.0)	187.1 (100.0)	178.9 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	1.3 (0.7)	2.4 (1.3)	1.1 (0.7)	1.8 (0.9)	2.9 (1.5)	1.9 (1.0)
Digestive organs (C15-C26)	57.6 (33.2)	74.2 (40.2)	71.6 (43.3)	84.1 (44.7)	72.9 (37.8)	72.2 (39.9)
Respiratory organs (C30-C39)	9.5 (5.5)	7.5 (4.1)	8.4 (5.1)	10.4 (5.5)	10.7 (5.6)	9.3 (5.2)
Bone, cartilage, and skin (C40-C44)	10.7 (6.2)	9.8 (5.3)	12.6 (7.6)	9.1 (4.8)	9.8 (5.1)	10.4 (5.7)
Urinary organs (C64-C68)	6.1 (3.5)	6.7 (3.7)	6.0 (3.6)	6.3 (3.3)	8.7 (4.5)	6.8 (3.7)
Eye, brain, and thyroid (C69-C75)	5.6 (3.2)	3.4 (1.8)	3.5 (2.1)	4.0 (2.1)	5.7 (2.9)	4.4 (2.4)
Hematopoietic (C81-C96)	7.2 (4.1)	7.9 (4.3)	11.2 (6.8)	7.6 (4.0)	12.8 (6.6)	9.4 (5.2)
Other and unspecified	21.9 (12.6)	22.4 (12.1)	12.2 (7.4)	18.7 (9.9)	14.6 (7.5)	17.9 (9.9)
All sites	173.5 (100.0)	184.8 (100.0)	165.2 (100.0)	188.2 (100.0)	192.8 (100.0)	181.0 (100.0)

CHILE, VALDIVIA (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)	19	0	.	.	.	.	.	.	.	1.6	.	2.3	11.1	.	15.7	9.7	31.9	10.3	2.2	2.6	0.36	100	0	15	C00-14
Oesophagus (C15)	61	0	.	.	.	.	.	.	.	.	.	2.3	5.6	20.5	39.2	67.8	44.6	108.0	7.0	7.9	0.90	69	10	7	C15
Stomach (C16)	344	0	.	.	1.2	.	.	.	2.8	11.4	15.5	32.5	77.7	119.6	156.9	310.0	344.4	468.2	39.6	44.3	5.36	66	15	1	C16
Colon (C18)	39	0	.	.	.	.	1.3	.	.	.	1.9	.	8.3	3.4	31.4	38.8	31.9	61.7	4.5	5.1	0.59	64	10		C18
Rectum (C19-20)	33	0	.	.	.	.	.	.	4.2	.	.	4.6	2.8	6.8	19.6	14.5	25.5	66.9	3.8	4.0	0.39	82	12		C19-20
Colorectal (C18-20)	72	0	.	.	.	1.3	1.3	.	4.2	.	1.9	4.6	11.1	10.3	51.0	53.3	57.4	128.6	8.3	9.1	0.98	72	11	6	C18-20
Anus (C21)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	4.8	.	5.1	0.2	0.2	0.02	50	0	24	C21
Colon, rectum and anus (C18-21)	74	0	.	.	.	1.3	1.3	.	4.2	.	1.9	4.6	11.1	10.3	51.0	58.1	57.4	133.8	8.5	9.3	1.00	72	11		C18-21
Liver (C22)	25	0	1.1	.	.	.	.	.	1.4	.	.	.	.	3.4	3.9	33.9	57.4	25.7	2.9	3.2	0.51	20	40	13	C22
Gallbladder (C23-24)	82	0	.	.	.	.	.	.	.	4.9	.	9.3	13.9	27.3	39.2	63.0	76.5	138.9	9.4	10.4	1.17	56	13	4	C23-24
Pancreas (C25)	35	0	.	.	.	.	.	.	1.4	.	1.9	4.6	.	10.3	23.5	29.1	19.1	66.9	4.0	4.4	0.45	34	14	11	C25
Nose, sinuses (C30-31)	1	0	.	.	.	.	.	.	.	.	1.9	.	.	.	.	.	.	.	0.1	0.1	0.01	100	0	26	C30-31
Larynx (C32)	19	0	.	.	.	.	.	.	.	.	.	4.6	2.8	3.4	11.8	14.5	38.3	15.4	2.2	2.5	0.38	68	5	16	C32
Lung, trachea and bronchus (C33-34)	75	0	.	.	.	.	.	.	1.4	3.3	.	7.0	16.7	20.5	54.9	77.5	70.1	82.3	8.6	9.9	1.26	40	19	5	C33-34
Melanoma of skin (C43)	10	1	.	.	.	.	.	1.4	.	.	1.9	2.3	2.8	3.4	.	9.7	.	10.3	1.2	1.3	0.12	100	0	19	C43
Mesothelioma (C45)	2	0	.	.	.	.	.	.	1.4	.	.	.	.	3.4	.	.	.	.	0.2	0.2	0.02	100	0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	3	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15.4	0.3	0.3	0.00	100	0	23	C50
Penis (C60)	8	0	.	.	.	.	.	.	.	.	.	.	.	.	3.9	19.4	6.4	10.3	0.9	1.1	0.15	100	0	21	C60
Prostate (C61)	262	4	.	.	.	.	.	.	.	.	.	.	2.8	58.1	78.4	227.7	248.7	689.4	30.1	31.7	3.13	91	5	2	C61
Testis (C62)	62	7	2.2	.	.	3.8	10.6	16.3	14.1	13.1	13.6	7.0	.	.	.	4.8	6.4	.	7.1	6.6	0.52	98	0	8	C62
Kidney (C64)	35	3	.	2.2	.	.	.	.	.	.	1.9	9.3	2.8	27.3	19.6	9.7	38.3	15.4	4.0	4.7	0.61	74	0	10	C64
Bladder (C67)	29	1	.	.	.	.	.	.	1.4	.	3.9	4.6	2.8	6.8	7.8	29.1	31.9	36.0	3.3	3.8	0.48	97	3	12	C67
Brain, CNS (C70-72)	15	0	2.2	1.1	.	.	.	.	.	.	.	.	2.8	5.6	10.3	11.8	6.4	5.1	1.7	1.9	0.19	47	7	17	C70-72
Thyroid (C73)	7	0	.	.	1.2	.	.	.	1.4	3.3	.	.	.	3.4	.	4.8	.	5.1	0.8	0.8	0.07	100	0	22	C73
Hodgkin disease (C81)	12	0	.	2.2	1.2	.	4.0	.	1.4	.	.	2.3	2.8	3.4	.	.	.	10.3	1.4	1.3	0.09	100	0	18	C81
Non-Hodgkin lymphoma (C82-85;C96)	39	0	2.2	2.2	1.2	.	2.7	1.4	.	1.6	3.9	7.0	2.8	10.3	19.6	4.8	51.0	36.0	4.5	4.9	0.55	100	0	9	C82-85;C96
Multiple myeloma (C88-C90)	10	0	.	.	.	.	.	.	.	3.3	5.8	.	2.8	3.4	.	9.7	.	5.1	1.2	1.2	0.12	100	0	20	C88-C90
Lymphoid leukaemia (C91)	15	0	6.6	1.1	.	5.1	.	.	.	.	1.9	2.3	.	.	.	.	.	10.3	1.7	1.8	0.08	100	0		C91
Myeloid leukaemia (C92-94)	7	0	1.1	1.1	.	1.3	.	.	.	1.6	.	.	.	.	.	9.7	6.4	.	0.8	0.9	0.11	100	0		C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.		C95
Leukaemia (C91-95)	22	0	7.7	2.2	.	6.3	.	.	.	1.6	1.9	2.3	.	.	.	9.7	6.4	10.3	2.5	2.7	0.19	100	0	14	C91-95
Other and unspecified (O&U)	137	0	4.4	2.2	.	1.3	.	2.7	7.0	4.9	7.8	13.9	11.1	44.4	54.9	106.6	95.7	216.1	15.8	17.1	1.78	45	12	3	O&U
All sites but C44 (ALLbC44)	1417	16	19.7	12.0	8.2	17.7	19.9	21.8	39.4	50.7	69.9	123.1	183.3	393.0	600.0	1109.2	1243.5	2129.8	163.0	177.9	19.78	71	10		ALLbC44
All sites (ALL)	1486	16	19.7	12.0	8.2	17.7	19.9	21.8	39.4	54.0	71.8	139.3	188.8	403.3	635.3	1152.8	1269.1	2294.5	170.9	186.3	20.49	72	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

CHILE, VALDIVIA (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)	11	0	.	1.1	.	1.4	.	.	.	.	2.0	.	.	6.4	3.6	8.8	5.5	8.0	1.3	1.3	0.14	73	9	20	C00-14
Oesophagus (C15)	46	0	.	.	.	.	.	.	.	.	.	.	11.1	22.5	18.2	35.0	33.3	63.7	5.4	5.2	0.60	80	9	8	C15
Stomach (C16)	167	0	.	.	.	.	.	.	4.4	3.3	10.1	21.3	8.3	41.8	58.2	127.0	88.7	282.6	19.6	18.0	1.82	52	24	5	C16
Colon (C18)	42	0	.	.	.	.	.	.	.	1.7	.	.	8.3	9.6	14.6	39.4	16.6	75.6	4.9	4.5	0.45	67	7		C18
Rectum (C19-20)	25	0	.	.	.	.	.	.	1.5	1.7	.	9.5	2.8	6.4	21.8	26.3	5.5	11.9	2.9	3.2	0.38	80	8		C19-20
Colorectal (C18-20)	67	0	.	.	.	.	.	.	1.5	3.3	.	9.5	11.1	16.1	36.4	65.7	22.2	87.6	7.9	7.7	0.83	72	7	6	C18-20
Anus (C21)	2	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.5	4.0	0.2	0.2	0.03	100	0	24	C21
Colon, rectum and anus (C18-21)	69	0	.	.	.	.	.	.	1.5	3.3	.	9.5	11.1	16.1	36.4	65.7	27.7	91.6	8.1	7.9	0.86	72	7		C18-21
Liver (C22)	27	0	1.1	.	.	.	.	.	.	1.7	2.0	9.5	2.8	6.4	10.9	.	22.2	39.8	3.2	3.0	0.28	37	11	15	C22
Gallbladder (C23-24)	230	1	.	.	.	.	.	.	1.5	8.4	8.1	33.2	58.3	83.6	98.3	162.1	177.4	246.8	27.0	26.7	3.17	60	12	1	C23-24
Pancreas (C25)	25	0	.	.	.	.	.	.	.	.	.	4.7	5.5	.	10.9	17.5	33.3	31.8	2.9	2.8	0.36	28	16	16	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	26	C30-31
Larynx (C32)	3	0	.	.	.	.	.	.	1.5	.	.	.	.	.	.	4.4	.	4.0	0.4	0.3	0.03	100	0	23	C32
Lung, trachea and bronchus (C33-34)	43	0	.	.	.	.	.	.	.	1.7	4.0	2.4	5.5	6.4	32.8	26.3	61.0	35.8	5.1	5.1	0.70	47	16	9	C33-34
Melanoma of skin (C43)	14	0	.	.	.	.	.	.	.	.	2.0	7.1	2.8	9.6	3.6	8.8	5.5	8.0	1.6	1.8	0.20	100	0	18	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)	183	0	.	.	.	.	1.4	2.9	4.4	18.4	36.4	30.8	77.7	67.5	76.4	92.0	110.9	95.5	21.5	22.3	2.59	85	2	3	C50
Cervix uteri (C53)	196	0	.	.	.	.	1.4	13.0	23.4	38.5	46.5	52.1	52.7	54.7	80.1	74.5	38.8	79.6	23.0	23.4	2.38	93	3	2	C53
Corpus uteri (C54)	38	0	.	.	.	.	.	.	.	1.7	.	.	19.4	16.1	36.4	17.5	33.3	19.9	4.5	4.8	0.62	87	0	10	C54
Ovary (C56)	58	0	.	.	.	.	1.4	.	1.5	5.0	12.1	11.8	16.6	28.9	10.9	35.0	55.5	23.9	6.8	7.0	0.89	83	3	7	C56
Kidney (C64)	34	2	2.3	1.1	.	.	.	.	.	3.3	2.0	2.4	11.1	6.4	14.6	21.9	11.1	31.8	4.0	4.0	0.41	65	6	11	C64
Bladder (C67)	11	0	1.1	.	.	.	.	.	.	.	2.0	.	2.8	3.2	3.6	.	16.6	11.9	1.3	1.2	0.15	91	9	21	C67
Brain, CNS (C70-72)	16	1	1.1	3.4	.	.	.	5.8	.	1.7	.	7.1	2.8	6.4	.	.	.	.	1.9	2.0	0.15	44	0	17	C70-72
Thyroid (C73)	32	1	.	.	.	1.4	1.4	8.6	4.4	5.0	4.0	2.4	2.8	3.2	3.6	21.9	11.1	15.9	3.8	3.6	0.36	84	0	13	C73
Hodgkin disease (C81)	4	0	.	.	.	.	1.4	1.4	1.5	1.7	.	.	.	.	.	.	.	.	0.5	0.4	0.03	100	0	22	C81
Non-Hodgkin lymphoma (C82-85;C96)	32	0	1.1	1.1	.	.	1.4	.	.	3.3	2.0	.	13.9	12.9	7.3	13.1	38.8	19.9	3.8	3.8	0.48	100	0	12	C82-85;C96
Multiple myeloma (C88-C90)	12	0	.	.	.	.	.	.	.	1.7	.	.	8.3	3.2	7.3	4.4	.	15.9	1.4	1.4	0.12	100	0	19	C88-C90
Lymphoid leukaemia (C91)	10	0	4.6	2.3	.	.	1.4	.	.	.	.	.	2.8	.	3.6	4.4	.	.	1.2	1.3	0.10	100	0		C91
Myeloid leukaemia (C92-94)	13	0	1.1	.	1.2	1.4	2.9	.	1.5	1.7	.	.	.	.	10.9	8.8	5.5	.	1.5	1.6	0.17	100	0		C92-94
Leukaemia unspecified (C95)	1	0	1.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.1	0.1	0.01	100	0		C95
Leukaemia (C91-95)	24	0	6.8	2.3	1.2	1.4	4.3	.	1.5	1.7	.	.	2.8	.	14.6	13.1	5.5	.	2.8	3.0	0.28	100	0	14	C91-95
Other and unspecified (O&U)	157	0	.	1.1	2.4	1.4	1.4	1.4	4.4	8.4	10.1	26.1	25.0	57.9	69.1	100.8	133.1	135.3	18.5	18.3	2.21	64	8	4	O&U
All sites but C44 (ALLbC44)	1472	5	17.1	12.6	3.7	6.8	17.2	34.5	54.0	108.8	145.5	227.4	349.6	459.9	607.8	871.8	920.5	1297.7	173.1	171.8	19.25	73	8		ALLbC44
All sites (ALL)	1539	5	17.1	12.6	3.7	6.8	18.7	34.5	55.5	108.8	145.5	236.9	360.7	482.4	618.7	911.2	964.8	1417.1	181.0	178.9	19.95	74	8		ALL

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

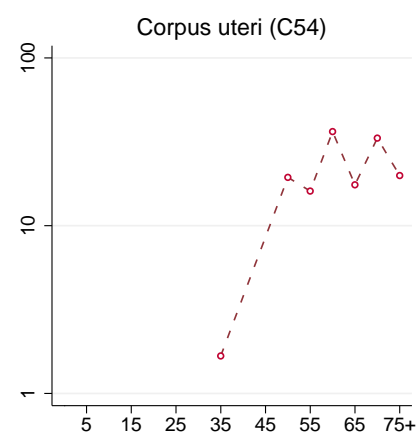
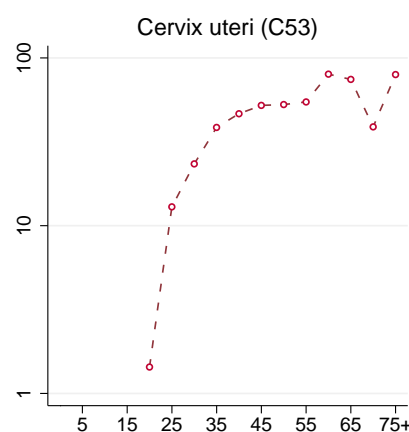
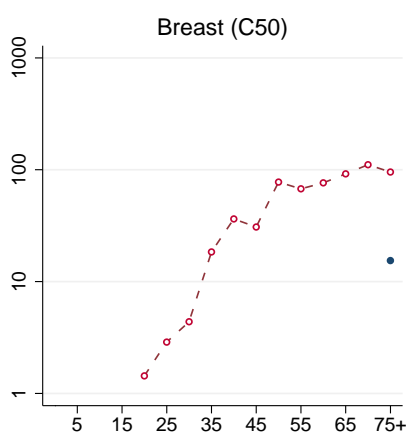
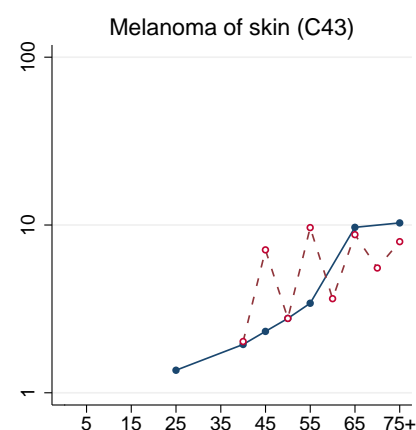
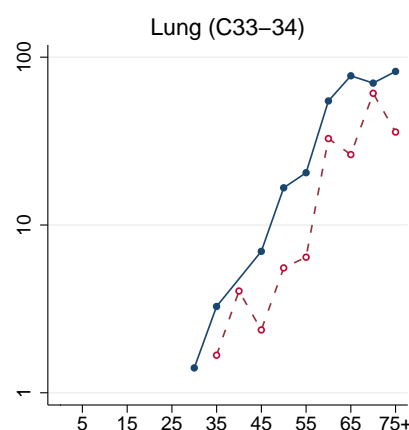
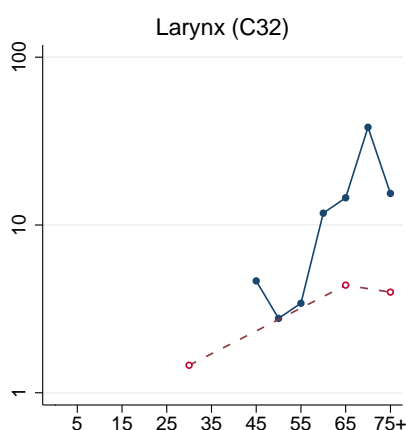
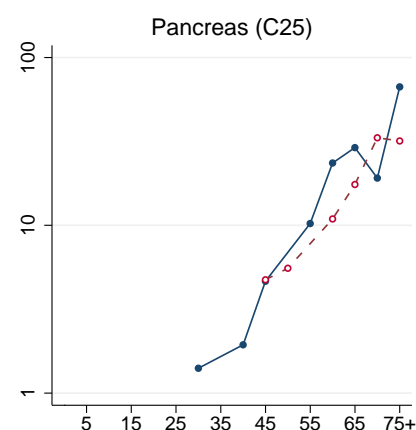
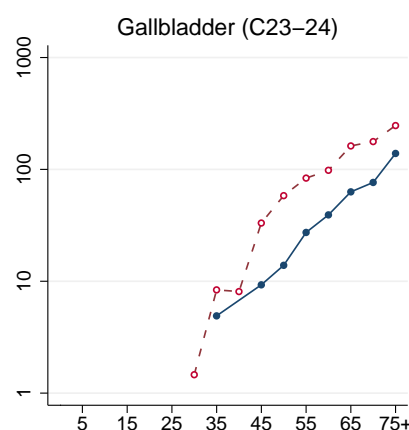
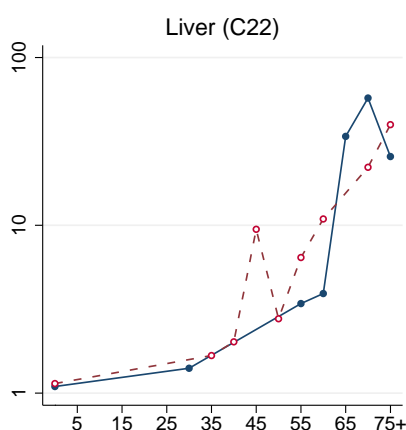
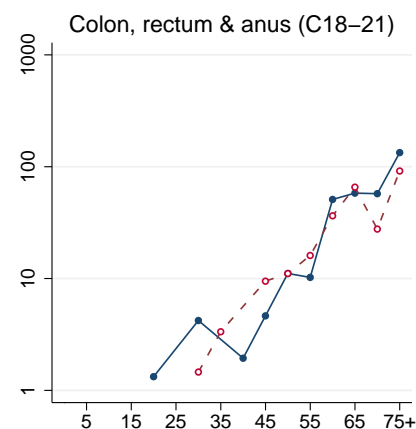
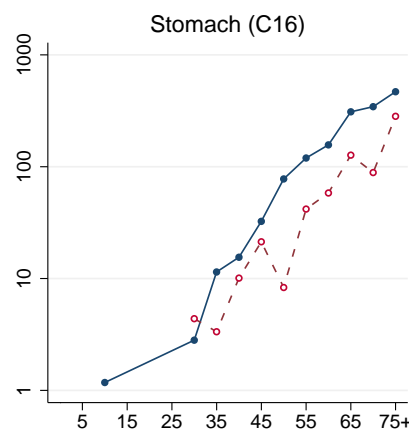
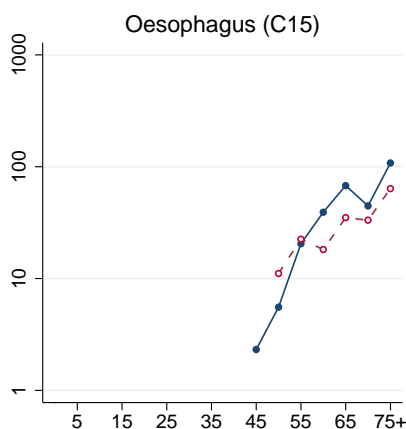
†Percent

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

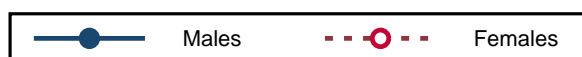
CHILE, VALDIVIA (1993–1997)

Age-specific rates per 100,000 person-years

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

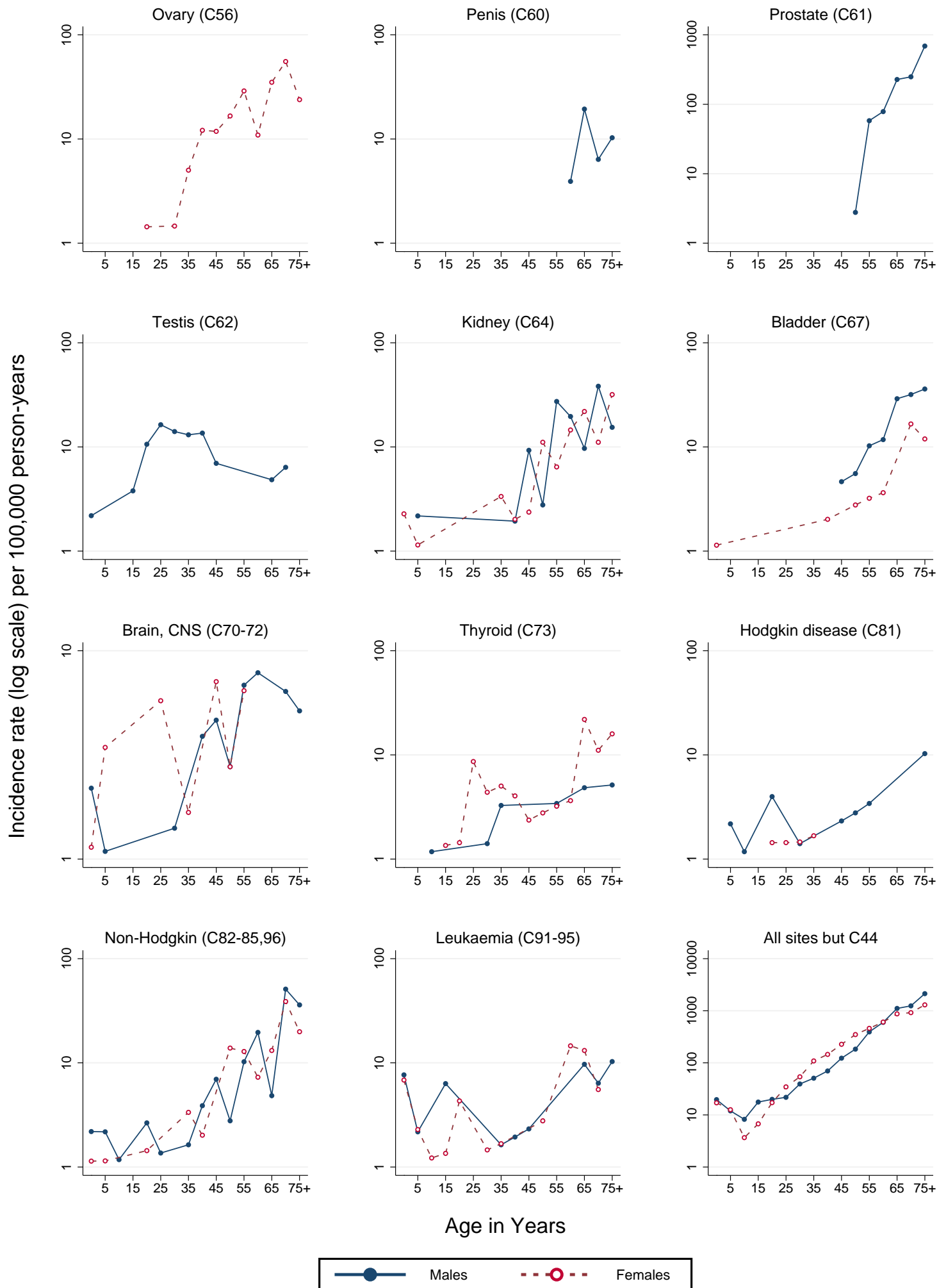


Age in Years



CHILE, VALDIVIA (1993-1997)

Age-specific rates per 100,000 person-years



CHILE, VALDIVIA (2004-2008)
Number of Cases in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	2008 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	8 (1.6)	4 (0.8)	8 (1.5)	5 (1.0)	3 (0.6)	28 (1.1)
Digestive organs (C15-C26)	167 (33.1)	144 (29.6)	168 (30.8)	159 (32.3)	181 (34.9)	819 (32.2)
Respiratory organs (C30-C39)	31 (6.2)	25 (5.1)	31 (5.7)	18 (3.7)	22 (4.2)	127 (5.0)
Bone, cartilage, and skin (C40-C44)	48 (9.5)	44 (9.1)	47 (8.6)	36 (7.3)	58 (11.2)	233 (9.2)
Breast (C50)	1 (0.2)	0 (0.0)	1 (0.2)	0 (0.0)	0 (0.0)	2 (0.1)
Male genitalia (C60-C63)	162 (32.1)	163 (33.5)	171 (31.3)	172 (35.0)	156 (30.1)	824 (32.4)
Urinary organs (C64-C68)	31 (6.2)	30 (6.2)	38 (7.0)	21 (4.3)	31 (6.0)	151 (5.9)
Eye, brain, and thyroid (C69-C75)	5 (1.0)	13 (2.7)	11 (2.0)	19 (3.9)	13 (2.5)	61 (2.4)
Hematopoietic (C81-C96)	18 (3.6)	38 (7.8)	39 (7.1)	36 (7.3)	35 (6.8)	166 (6.5)
Other and unspecified	33 (6.5)	25 (5.1)	32 (5.9)	26 (5.3)	19 (3.7)	135 (5.3)
All sites	504 (100.0)	486 (100.0)	546 (100.0)	492 (100.0)	518 (100.0)	2546 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1 (0.2)	0 (0.0)	3 (0.6)	7 (1.6)	4 (0.9)	15 (0.6)
Digestive organs (C15-C26)	166 (34.1)	147 (33.9)	167 (32.2)	154 (34.5)	160 (34.5)	794 (33.8)
Respiratory organs (C30-C39)	10 (2.1)	10 (2.3)	20 (3.9)	13 (2.9)	14 (3.0)	67 (2.8)
Bone, cartilage, and skin (C40-C44)	55 (11.3)	47 (10.8)	69 (13.3)	38 (8.5)	67 (14.4)	276 (11.7)
Breast (C50)	74 (15.2)	74 (17.1)	77 (14.8)	84 (18.8)	70 (15.1)	379 (16.1)
Female genitalia (C51-C58)	71 (14.6)	56 (12.9)	69 (13.3)	60 (13.4)	57 (12.3)	313 (13.3)
Urinary organs (C64-C68)	24 (4.9)	22 (5.1)	12 (2.3)	17 (3.8)	18 (3.9)	93 (4.0)
Eye, brain, and thyroid (C69-C75)	21 (4.3)	15 (3.5)	27 (5.2)	22 (4.9)	16 (3.4)	101 (4.3)
Hematopoietic (C81-C96)	31 (6.4)	27 (6.2)	23 (4.4)	30 (6.7)	33 (7.1)	144 (6.1)
Other and unspecified	34 (7.0)	36 (8.3)	52 (10.0)	22 (4.9)	25 (5.4)	169 (7.2)
All sites	487 (100.0)	434 (100.0)	519 (100.0)	447 (100.0)	464 (100.0)	2351 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	9 (0.9)	4 (0.4)	11 (1.0)	12 (1.3)	7 (0.7)	43 (0.9)
Digestive organs (C15-C26)	333 (33.6)	291 (31.6)	335 (31.5)	313 (33.3)	341 (34.7)	1613 (32.9)
Respiratory organs (C30-C39)	41 (4.1)	35 (3.8)	51 (4.8)	31 (3.3)	36 (3.7)	194 (4.0)
Bone, cartilage, and skin (C40-C44)	103 (10.4)	91 (9.9)	116 (10.9)	74 (7.9)	125 (12.7)	509 (10.4)
Urinary organs (C64-C68)	55 (5.5)	52 (5.7)	50 (4.7)	38 (4.0)	49 (5.0)	244 (5.0)
Eye, brain, and thyroid (C69-C75)	26 (2.6)	28 (3.0)	38 (3.6)	41 (4.4)	29 (3.0)	162 (3.3)
Hematopoietic (C81-C96)	49 (4.9)	65 (7.1)	62 (5.8)	66 (7.0)	68 (6.9)	310 (6.3)
Other and unspecified	67 (6.8)	61 (6.6)	84 (7.9)	48 (5.1)	44 (4.5)	304 (6.2)
All sites	991 (100.0)	920 (100.0)	1065 (100.0)	939 (100.0)	982 (100.0)	4897 (100.0)

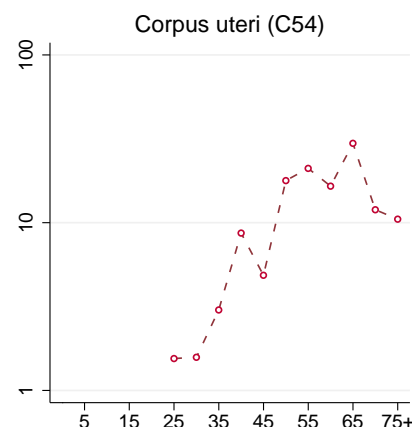
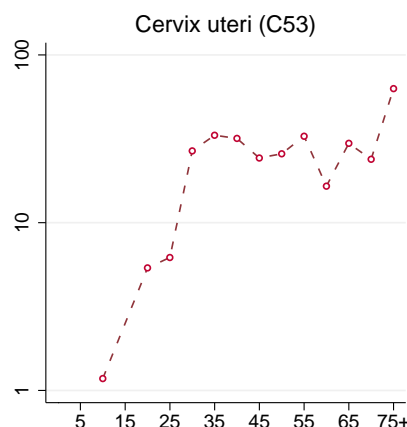
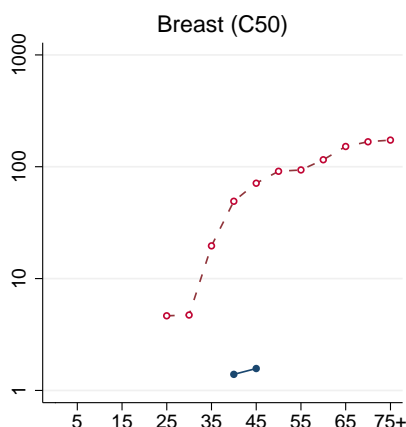
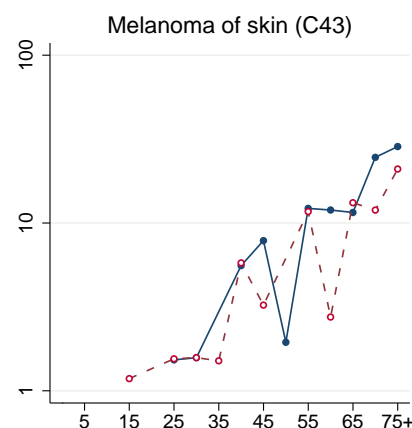
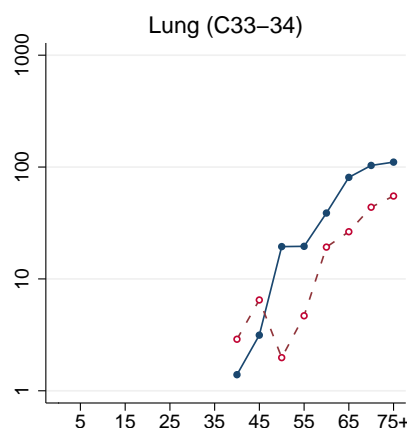
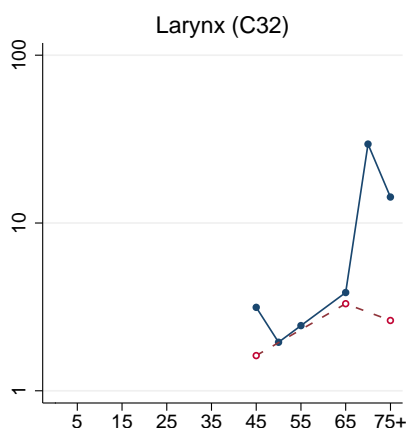
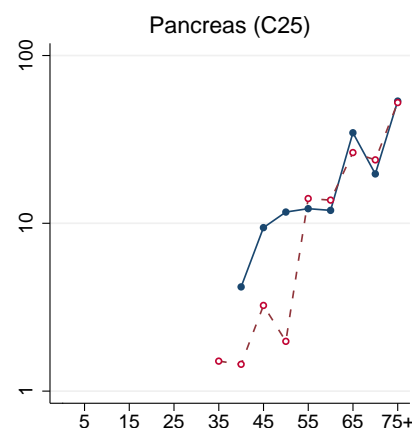
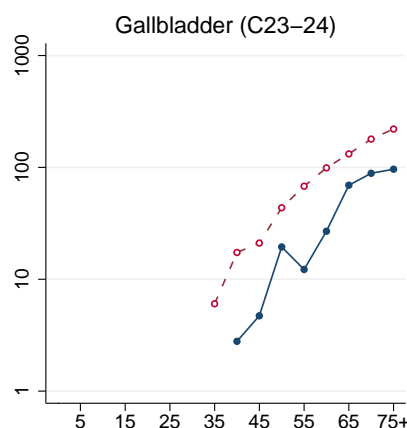
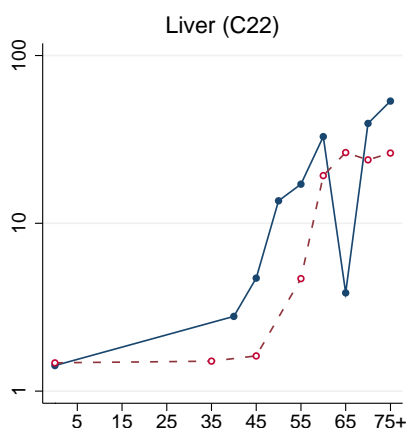
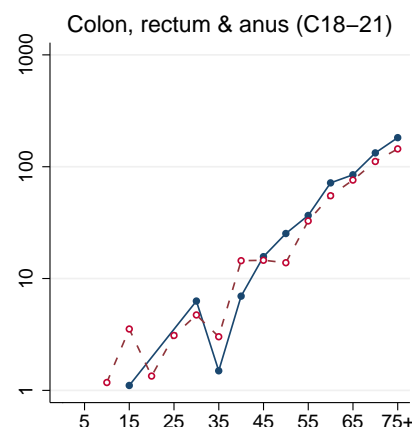
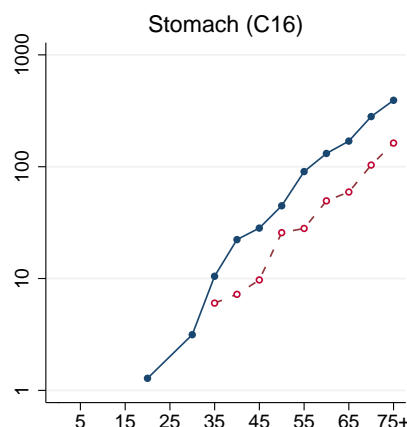
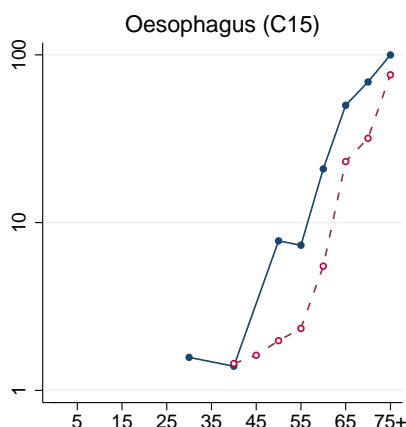
CHILE, VALDIVIA (2004-2008)
Age Standardized Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASR (%)
	2004 ASR (%)	2005 ASR (%)	2006 ASR (%)	2007 ASR (%)	2008 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	4.4 (1.7)	2.2 (0.9)	3.6 (1.4)	2.5 (1.1)	1.3 (0.6)	2.8 (1.1)
Digestive organs (C15-C26)	83.2 (33.3)	70.8 (29.7)	80.8 (31.4)	71.2 (30.8)	79.1 (34.2)	77.1 (31.9)
Respiratory organs (C30-C39)	14.6 (5.8)	12.4 (5.2)	15.1 (5.9)	8.8 (3.8)	10.1 (4.4)	12.1 (5.0)
Bone, cartilage, and skin (C40-C44)	23.3 (9.3)	21.1 (8.9)	20.7 (8.0)	17.4 (7.5)	23.7 (10.3)	21.2 (8.8)
Breast (C50)	0.4 (0.2)	0 (0.0)	0.5 (0.2)	0 (0.0)	0 (0.0)	0.2 (0.1)
Male genitalia (C60-C63)	80.3 (32.1)	78.2 (32.8)	79.1 (30.7)	81.6 (35.3)	70.4 (30.4)	77.8 (32.2)
Urinary organs (C64-C68)	15.5 (6.2)	14.8 (6.2)	19.1 (7.4)	10.3 (4.4)	14.3 (6.2)	14.7 (6.1)
Eye, brain, and thyroid (C69-C75)	2.8 (1.1)	6.8 (2.9)	5.9 (2.3)	9.7 (4.2)	6.7 (2.9)	6.4 (2.6)
Hematopoietic (C81-C96)	9.7 (3.9)	19.5 (8.2)	19.3 (7.5)	18.1 (7.8)	17.6 (7.6)	16.9 (7.0)
Other and unspecified	16.0 (6.4)	12.2 (5.1)	13.5 (5.2)	11.6 (5.0)	8.0 (3.5)	12.2 (5.1)
All sites	250.1 (100.0)	238.1 (100.0)	257.6 (100.0)	231.3 (100.0)	231.2 (100.0)	241.4 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.5 (0.2)	0 (0.0)	1.4 (0.6)	2.4 (1.3)	1.6 (0.9)	1.2 (0.6)
Digestive organs (C15-C26)	70.3 (33.1)	61.0 (32.6)	66.5 (30.8)	61.7 (32.8)	59.8 (32.4)	63.7 (32.3)
Respiratory organs (C30-C39)	4.0 (1.9)	3.5 (1.9)	8.2 (3.8)	4.7 (2.5)	5.4 (2.9)	5.2 (2.6)
Bone, cartilage, and skin (C40-C44)	21.0 (9.9)	20.0 (10.7)	28.3 (13.1)	15.7 (8.3)	23.9 (12.9)	21.8 (11.1)
Breast (C50)	34.3 (16.2)	33.0 (17.6)	33.5 (15.5)	36.0 (19.1)	30.4 (16.5)	33.3 (16.9)
Female genitalia (C51-C58)	33.1 (15.6)	25.2 (13.5)	29.9 (13.9)	26.7 (14.2)	23.9 (12.9)	27.7 (14.1)
Urinary organs (C64-C68)	10.7 (5.1)	9.6 (5.2)	5.8 (2.7)	7.6 (4.1)	7.7 (4.1)	8.2 (4.2)
Eye, brain, and thyroid (C69-C75)	9.7 (4.6)	7.1 (3.8)	12.4 (5.8)	10.2 (5.4)	7.5 (4.1)	9.4 (4.8)
Hematopoietic (C81-C96)	14.2 (6.7)	13.2 (7.0)	9.6 (4.5)	13.8 (7.3)	14.9 (8.1)	13.1 (6.6)
Other and unspecified	14.1 (6.7)	14.5 (7.8)	20.1 (9.3)	8.9 (4.8)	9.5 (5.2)	13.3 (6.8)
All sites	212.0 (100.0)	187.1 (100.0)	215.6 (100.0)	187.8 (100.0)	184.5 (100.0)	197.0 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	2.3 (1.0)	1.1 (0.5)	2.4 (1.0)	2.5 (1.2)	1.5 (0.7)	2.0 (0.9)
Digestive organs (C15-C26)	76.2 (33.5)	65.5 (31.3)	73.3 (31.4)	65.7 (31.8)	68.6 (33.5)	69.8 (32.3)
Respiratory organs (C30-C39)	8.7 (3.8)	7.7 (3.7)	11.5 (4.9)	6.7 (3.3)	7.6 (3.7)	8.4 (3.9)
Bone, cartilage, and skin (C40-C44)	22.2 (9.8)	20.3 (9.7)	24.4 (10.5)	16.5 (8.0)	23.7 (11.6)	21.5 (9.9)
Urinary organs (C64-C68)	12.9 (5.6)	12.1 (5.8)	12.0 (5.2)	8.9 (4.3)	10.7 (5.2)	11.2 (5.2)
Eye, brain, and thyroid (C69-C75)	6.4 (2.8)	6.8 (3.3)	9.3 (4.0)	9.8 (4.7)	7.2 (3.5)	7.9 (3.6)
Hematopoietic (C81-C96)	12.0 (5.3)	16.3 (7.8)	14.4 (6.2)	15.9 (7.7)	16.3 (8.0)	15.0 (6.9)
Other and unspecified	15.0 (6.6)	13.5 (6.4)	17.0 (7.3)	10.0 (4.8)	8.9 (4.3)	12.8 (5.9)
All sites	227.9 (100.0)	209.7 (100.0)	233.5 (100.0)	206.5 (100.0)	204.8 (100.0)	216.2 (100.0)

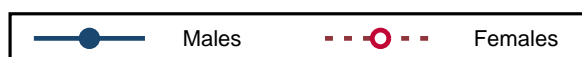
CHILE, VALDIVIA (2004–2008)

Age-specific rates per 100,000 person-years

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



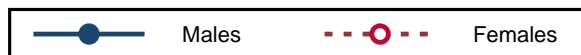
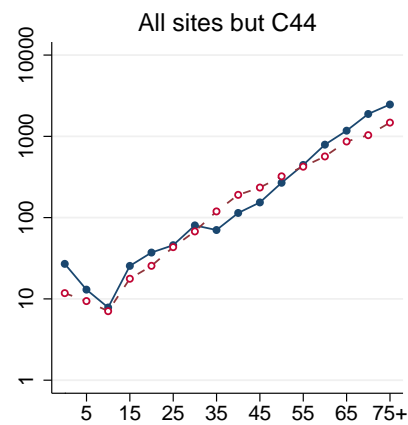
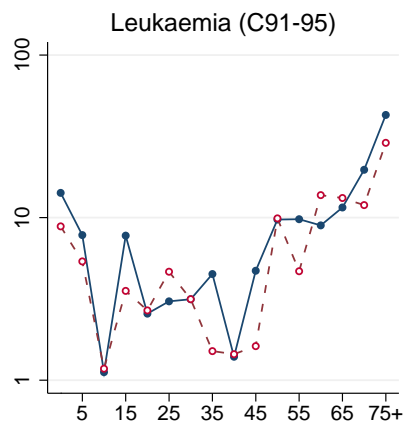
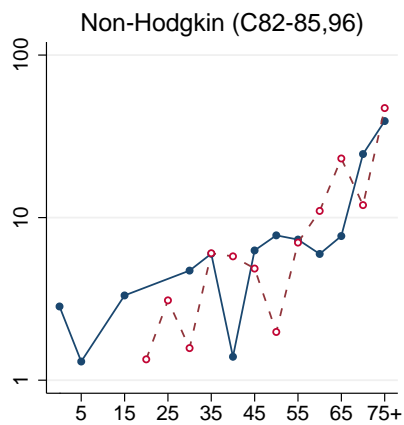
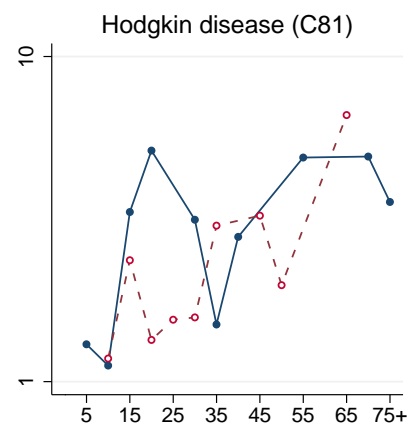
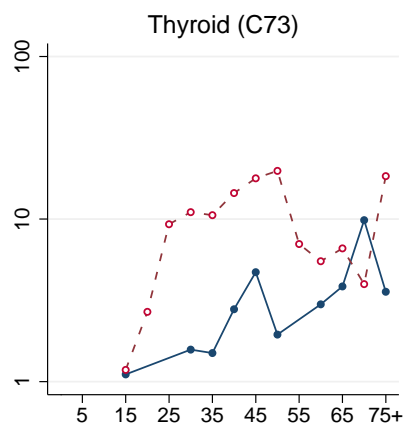
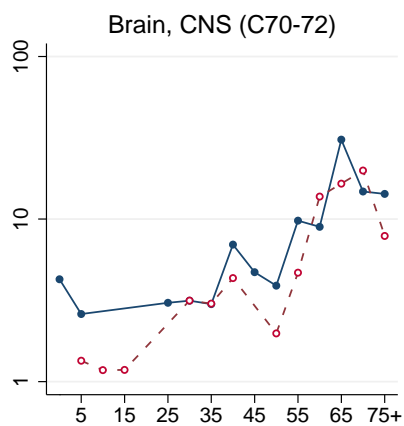
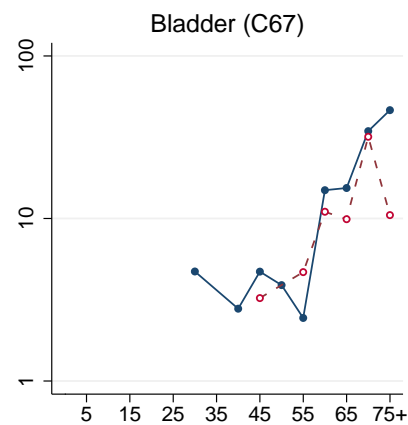
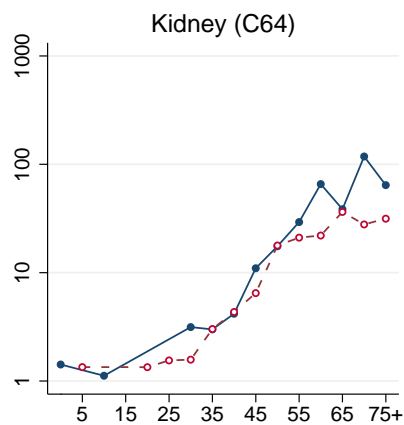
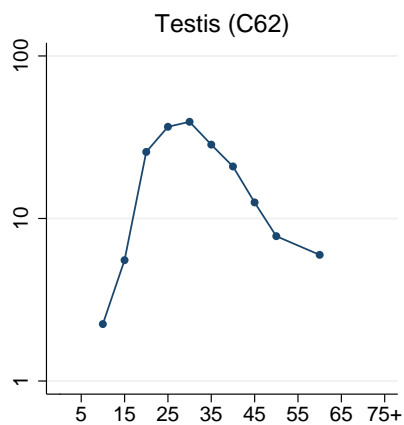
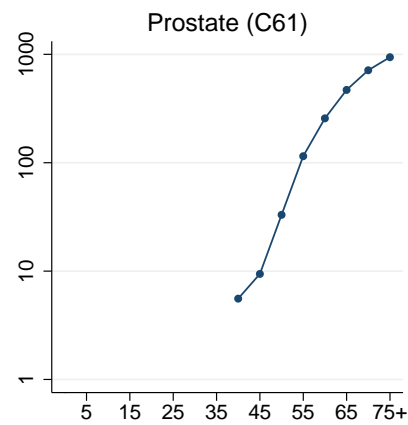
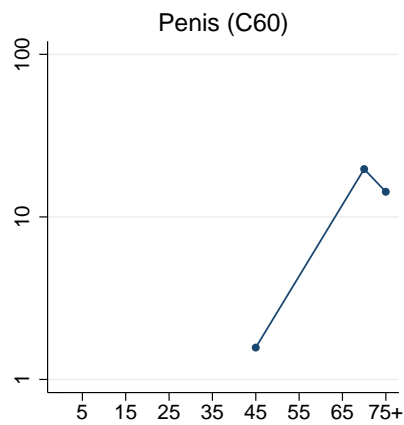
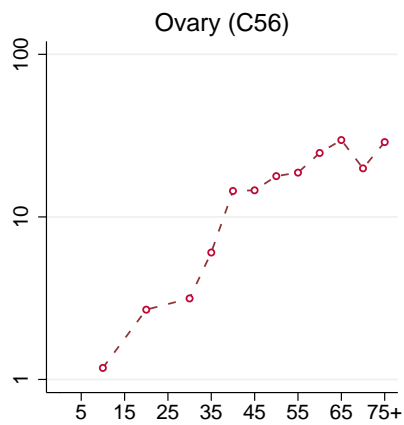
Age in Years



CHILE, VALDIVIA (2004-2008)

Age-specific rates per 100,000 person-years

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

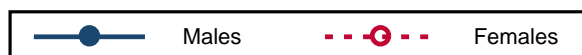
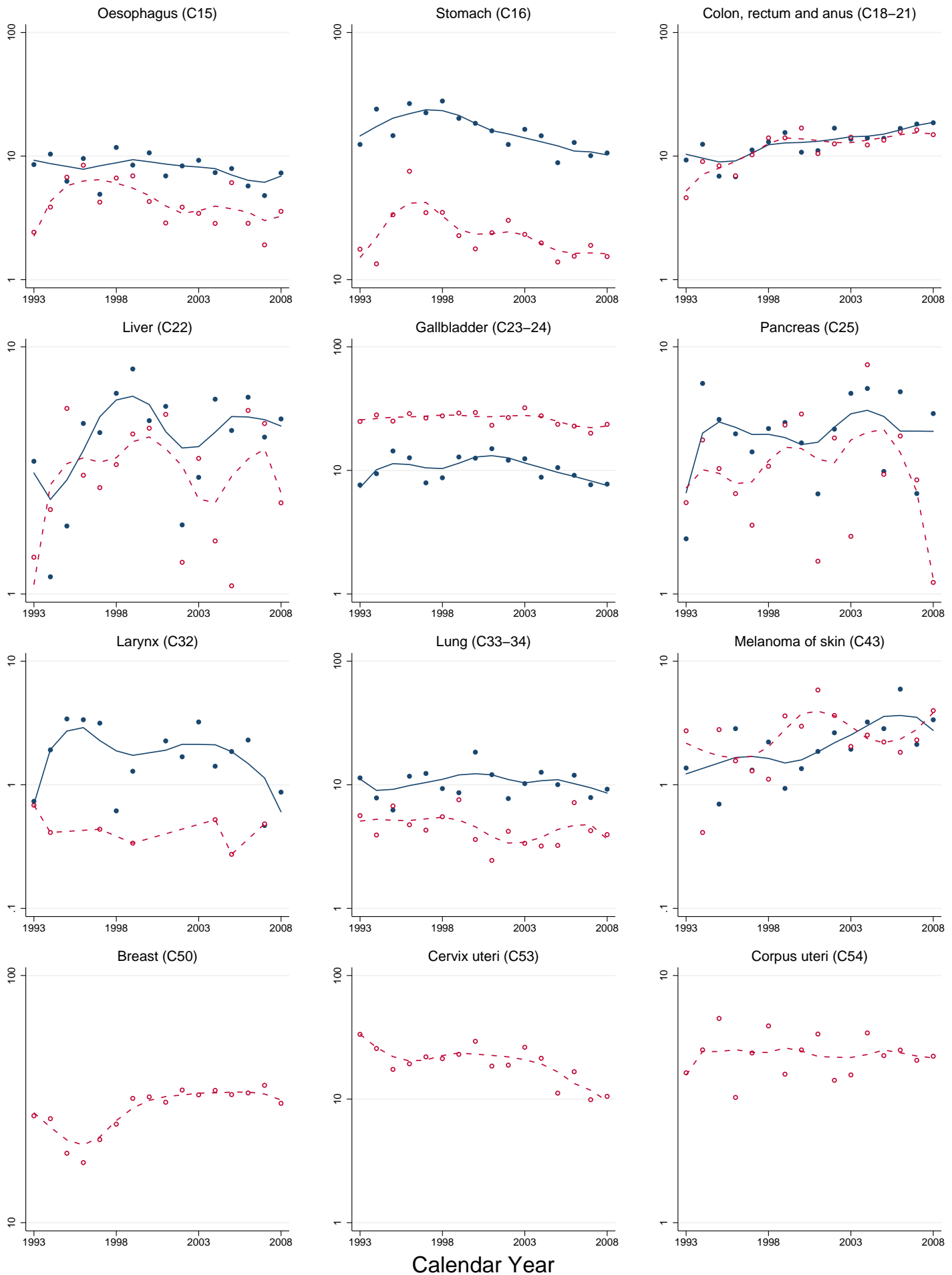


CHILE, VALDIVIA (1993–2008)

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

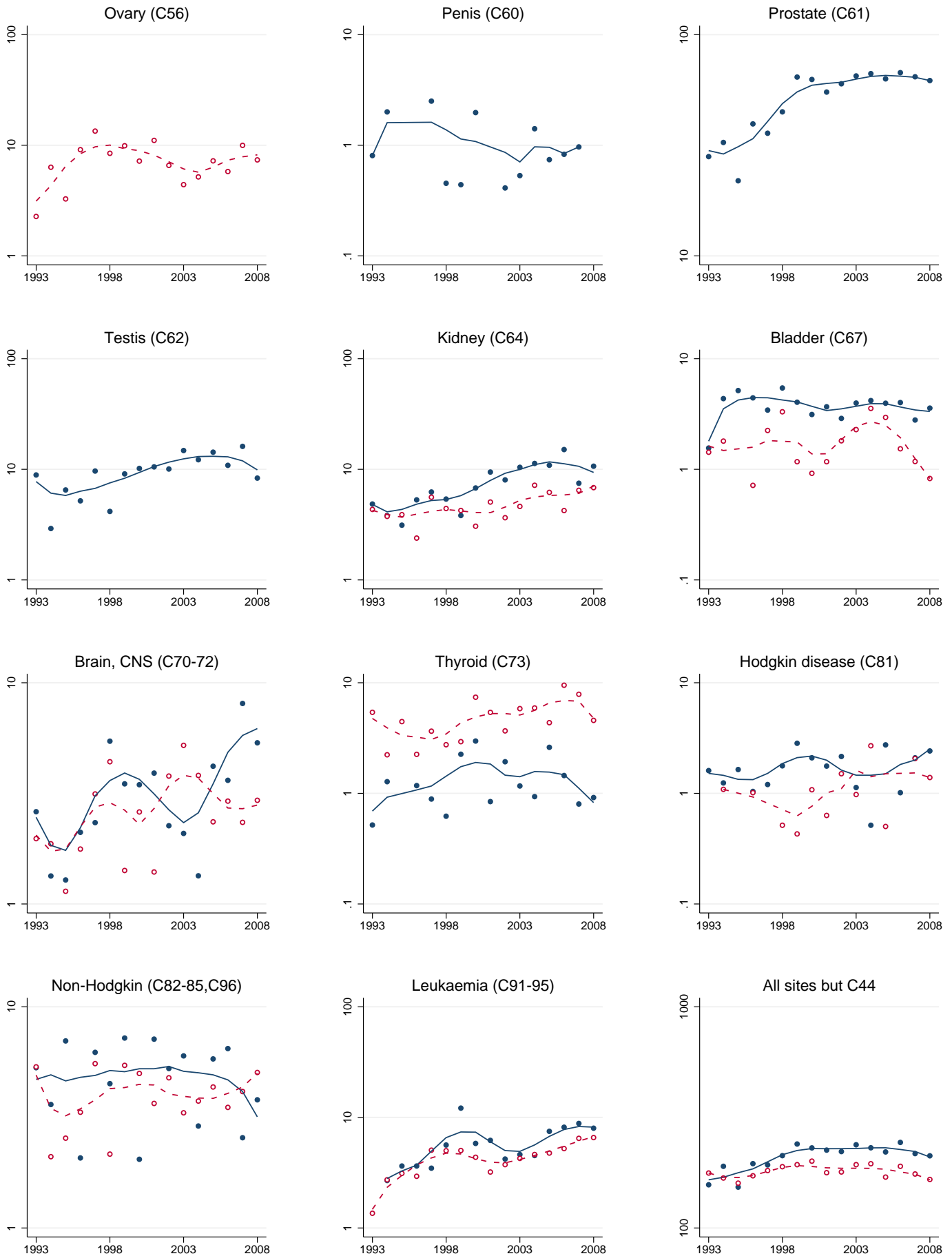


CHILE, VALDIVIA (1993-2008)

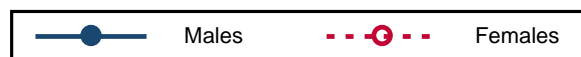
Age standardized incidence rate (World Population) per 100,000 per calendar year

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

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

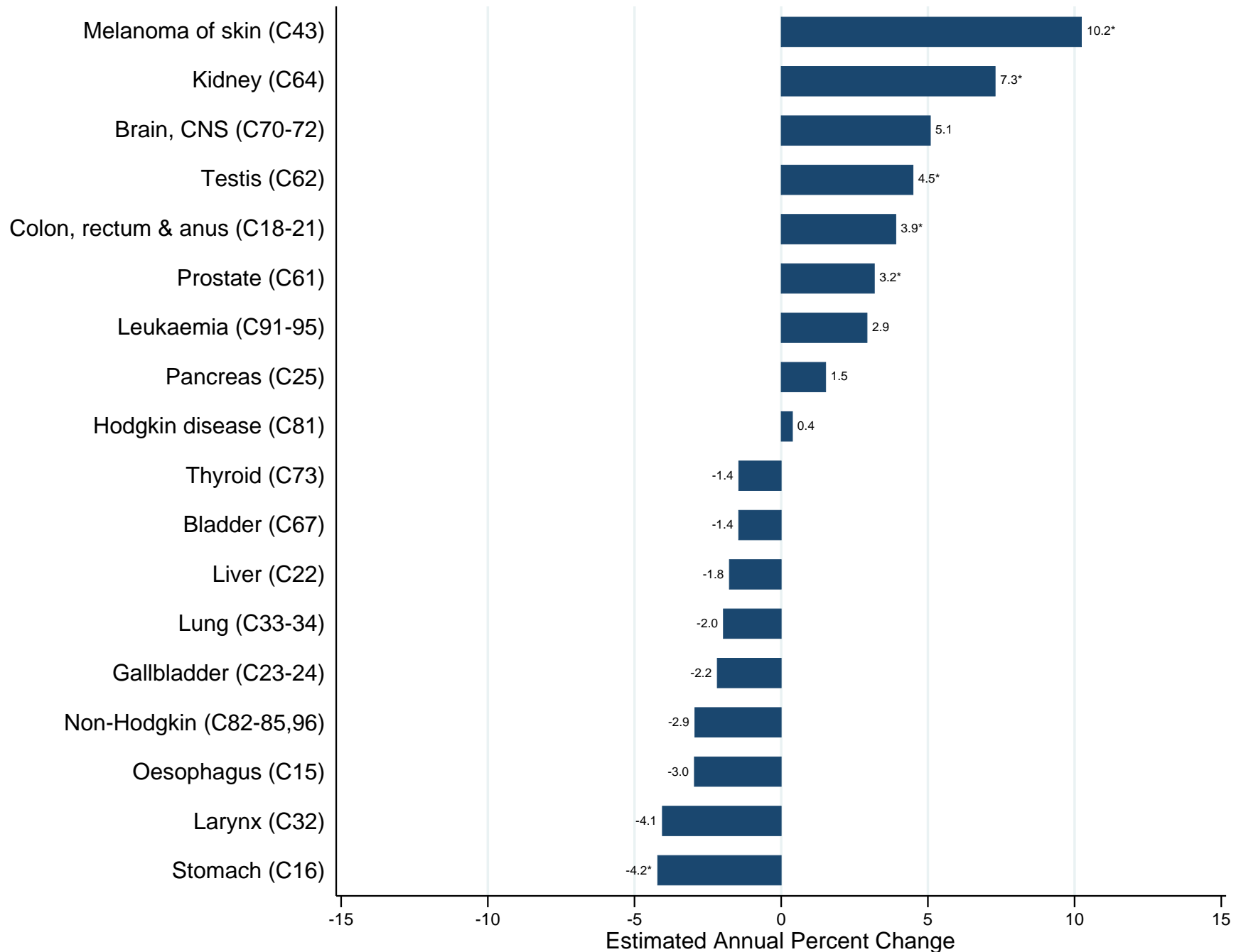


Calendar Year



CHILE, VALDIVIA (1997-2008)

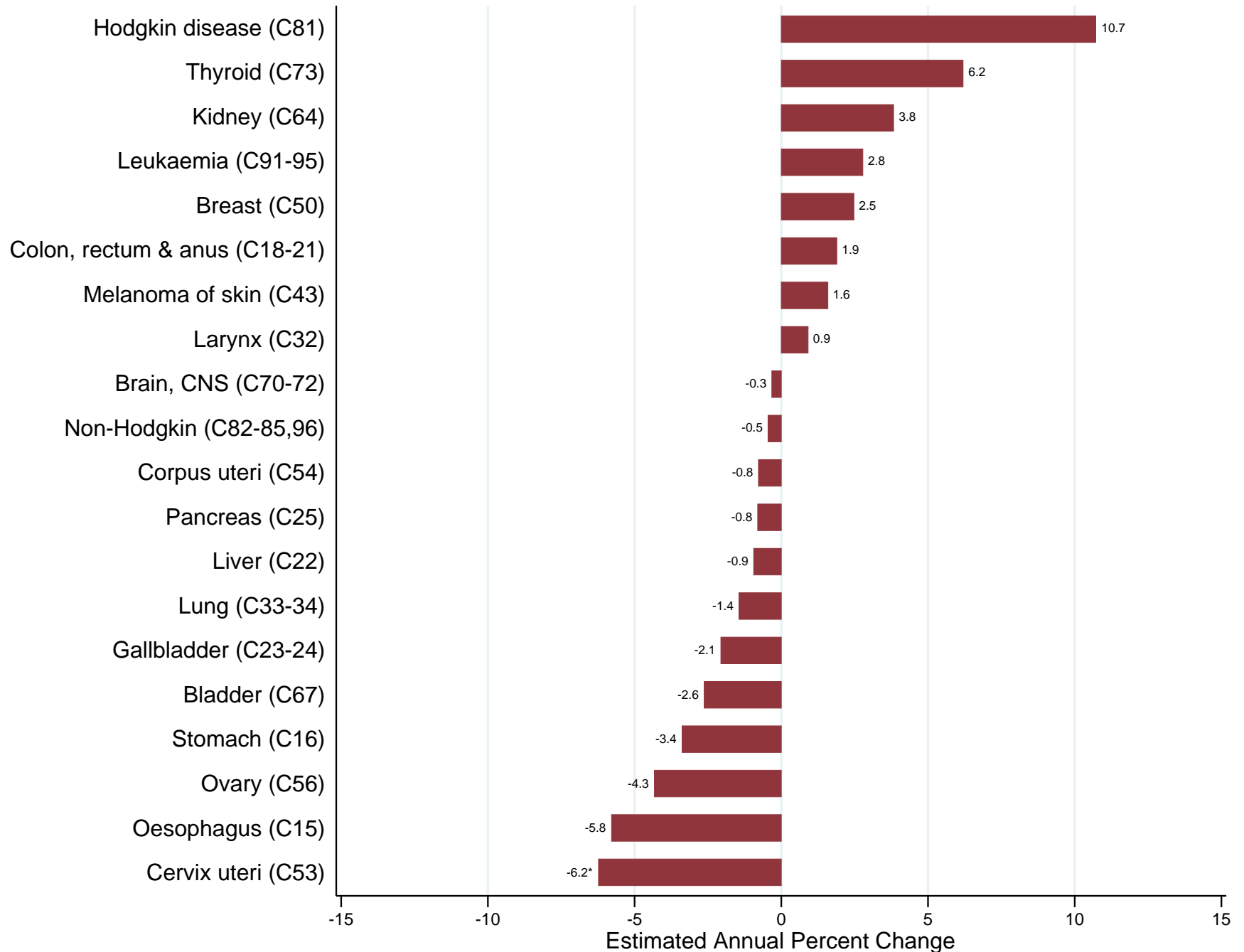
Estimated Annual Percent Change in Incidence
by Cancer Site in Males, all ages



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

CHILE, VALDIVIA (1997-2008)

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



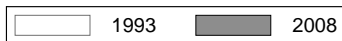
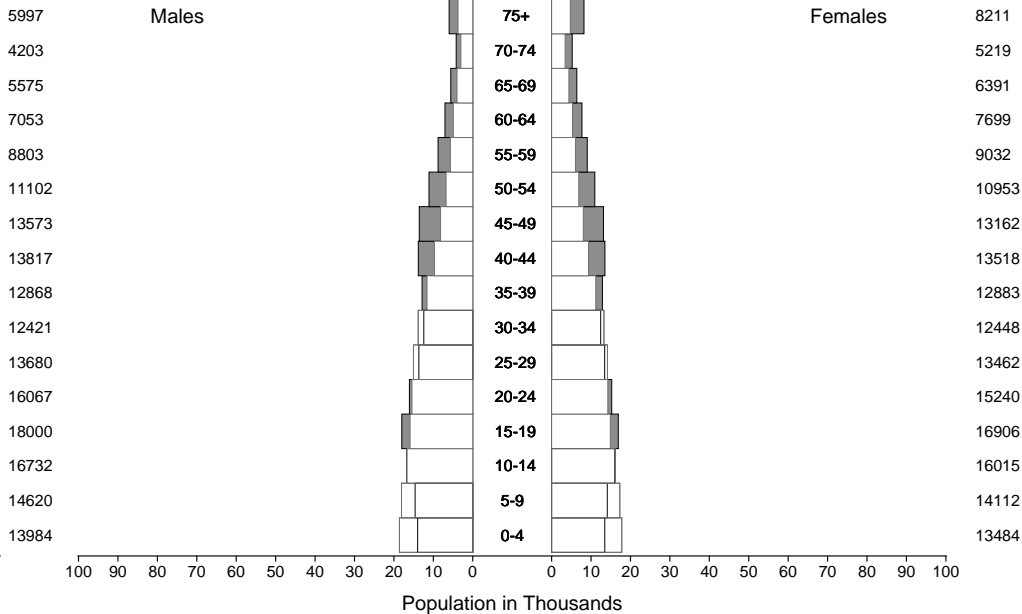
* The estimated annual percent change is statistically different from zero ($p \leq .05$)

CHILE, VALDIVIA (1993-2008)

Population Pyramid by Age

Males

Females



Note: Population values shown for year 2008

Country's Summary Tables and Figures

CHILE^{1,2} **(2003-2007, 1993-2008³)**

¹ Country's incidence rates were estimated using aggregated data from the population-based cancer registries of Antofagasta and Valdivia

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 registry of Valdivia and National mortality data from the WHO mortality database

CHILE* (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)	10 (1.0)	18 (1.6)	11 (1.1)	19 (1.5)	14 (1.2)	72 (1.3)
Digestive organs (C15-C26)	277 (26.5)	310 (26.8)	257 (24.8)	319 (25.7)	293 (25.0)	1456 (25.8)
Respiratory organs (C30-C39)	145 (13.8)	163 (14.1)	161 (15.6)	183 (14.8)	170 (14.5)	822 (14.6)
Bone, cartilage, and skin (C40-C44)	143 (13.7)	179 (15.5)	146 (14.1)	183 (14.8)	173 (14.8)	824 (14.6)
Breast (C50)	0 (0.0)	2 (0.2)	1 (0.1)	1 (0.1)	0 (0.0)	4 (0.1)
Male genitalia (C60-C63)	273 (26.1)	267 (23.1)	250 (24.2)	277 (22.4)	275 (23.5)	1342 (23.8)
Urinary organs (C64-C68)	95 (9.1)	102 (8.8)	81 (7.8)	114 (9.2)	97 (8.3)	489 (8.7)
Eye, brain, and thyroid (C69-C75)	11 (1.1)	18 (1.6)	22 (2.1)	22 (1.8)	32 (2.7)	105 (1.9)
Hematopoietic (C81-C96)	56 (5.3)	53 (4.6)	69 (6.7)	72 (5.8)	64 (5.5)	314 (5.6)
Other and unspecified	37 (3.5)	44 (3.8)	37 (3.6)	49 (4.0)	52 (4.4)	219 (3.9)
All sites	1047 (100.0)	1156 (100.0)	1035 (100.0)	1239 (100.0)	1170 (100.0)	5647 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	4 (0.4)	5 (0.5)	5 (0.5)	10 (0.9)	17 (1.6)	41 (0.8)
Digestive organs (C15-C26)	267 (29.3)	275 (27.4)	263 (26.1)	255 (22.3)	277 (25.5)	1337 (25.9)
Respiratory organs (C30-C39)	57 (6.3)	71 (7.1)	60 (6.0)	86 (7.5)	72 (6.6)	346 (6.7)
Bone, cartilage, and skin (C40-C44)	140 (15.4)	167 (16.6)	159 (15.8)	200 (17.5)	174 (16.0)	840 (16.3)
Breast (C50)	142 (15.6)	152 (15.1)	175 (17.4)	183 (16.0)	195 (18.0)	847 (16.4)
Female genitalia (C51-C58)	128 (14.1)	132 (13.1)	115 (11.4)	145 (12.7)	128 (11.8)	648 (12.6)
Urinary organs (C64-C68)	45 (4.9)	64 (6.4)	62 (6.2)	63 (5.5)	67 (6.2)	301 (5.8)
Eye, brain, and thyroid (C69-C75)	36 (4.0)	40 (4.0)	52 (5.2)	75 (6.6)	56 (5.2)	259 (5.0)
Hematopoietic (C81-C96)	47 (5.2)	57 (5.7)	66 (6.5)	58 (5.1)	64 (5.9)	292 (5.7)
Other and unspecified	44 (4.8)	42 (4.2)	51 (5.1)	69 (6.0)	36 (3.3)	242 (4.7)
All sites	910 (100.0)	1005 (100.0)	1008 (100.0)	1144 (100.0)	1086 (100.0)	5153 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	14 (0.7)	23 (1.1)	16 (0.8)	29 (1.2)	31 (1.4)	113 (1.0)
Digestive organs (C15-C26)	544 (27.8)	585 (27.1)	520 (25.5)	574 (24.1)	570 (25.3)	2793 (25.9)
Respiratory organs (C30-C39)	202 (10.3)	234 (10.8)	221 (10.8)	269 (11.3)	242 (10.7)	1168 (10.8)
Bone, cartilage, and skin (C40-C44)	283 (14.5)	346 (16.0)	305 (14.9)	383 (16.1)	347 (15.4)	1664 (15.4)
Urinary organs (C64-C68)	140 (7.2)	166 (7.7)	143 (7.0)	177 (7.4)	164 (7.3)	790 (7.3)
Eye, brain, and thyroid (C69-C75)	47 (2.4)	58 (2.7)	74 (3.6)	97 (4.1)	88 (3.9)	364 (3.4)
Hematopoietic (C81-C96)	103 (5.3)	110 (5.1)	135 (6.6)	130 (5.5)	128 (5.7)	606 (5.6)
Other and unspecified	81 (4.1)	86 (4.0)	88 (4.3)	118 (5.0)	88 (3.9)	461 (4.3)
All sites	1957 (100.0)	2161 (100.0)	2043 (100.0)	2383 (100.0)	2256 (100.0)	10800 (100.0)

*Aggregated data from the population-based cancer registries of Antofagasta and Valdivia

CHILE* (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)	2.6 (1.0)	4.3 (1.6)	2.5 (1.0)	4.3 (1.5)	3.1 (1.2)	3.4 (1.3)
Digestive organs (C15-C26)	68.7 (26.7)	73.9 (26.7)	60.6 (25.2)	72.9 (26.2)	63.7 (24.9)	67.9 (25.9)
Respiratory organs (C30-C39)	36.3 (14.1)	40.8 (14.7)	38.4 (15.9)	42.0 (15.1)	38.6 (15.1)	39.2 (15.0)
Bone, cartilage, and skin (C40-C44)	34.6 (13.5)	41.7 (15.1)	33.3 (13.8)	40.2 (14.5)	37.5 (14.6)	37.5 (14.3)
Breast (C50)	0 (0.0)	0.5 (0.2)	0.2 (0.1)	0.2 (0.1)	0 (0.0)	0.2 (0.1)
Male genitalia (C60-C63)	66.4 (25.8)	63.7 (23.0)	57.6 (23.9)	61.9 (22.3)	60.0 (23.4)	61.8 (23.6)
Urinary organs (C64-C68)	23.6 (9.2)	24.7 (8.9)	18.6 (7.7)	26.0 (9.3)	20.8 (8.1)	22.7 (8.7)
Eye, brain, and thyroid (C69-C75)	2.6 (1.0)	4.3 (1.6)	5.3 (2.2)	4.7 (1.7)	6.9 (2.7)	4.8 (1.8)
Hematopoietic (C81-C96)	13.6 (5.3)	12.7 (4.6)	15.9 (6.6)	15.4 (5.5)	14.1 (5.5)	14.3 (5.5)
Other and unspecified	9.2 (3.6)	10.3 (3.7)	8.5 (3.5)	10.2 (3.7)	11.3 (4.4)	9.9 (3.8)
All sites	257.6 (100.0)	276.8 (100.0)	240.8 (100.0)	277.8 (100.0)	256.0 (100.0)	261.7 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.9 (0.5)	0.9 (0.5)	1.0 (0.5)	2.0 (0.9)	3.2 (1.6)	1.6 (0.8)
Digestive organs (C15-C26)	56.8 (29.0)	55.2 (26.8)	52.0 (25.4)	48.4 (21.6)	52.3 (25.0)	52.8 (25.4)
Respiratory organs (C30-C39)	12.3 (6.3)	14.8 (7.2)	11.7 (5.7)	17.5 (7.8)	13.4 (6.4)	14.0 (6.7)
Bone, cartilage, and skin (C40-C44)	28.8 (14.7)	32.9 (16.0)	31.4 (15.4)	39.1 (17.4)	33.2 (15.9)	33.2 (16.0)
Breast (C50)	31.4 (16.0)	32.2 (15.7)	36.6 (17.9)	36.7 (16.4)	37.9 (18.1)	35.0 (16.8)
Female genitalia (C51-C58)	27.9 (14.2)	27.1 (13.2)	23.6 (11.5)	28.7 (12.8)	24.8 (11.9)	26.4 (12.7)
Urinary organs (C64-C68)	10.3 (5.2)	13.2 (6.4)	12.9 (6.3)	12.4 (5.5)	13.2 (6.3)	12.5 (6.0)
Eye, brain, and thyroid (C69-C75)	8.3 (4.2)	8.5 (4.1)	11.5 (5.6)	15.0 (6.7)	11.1 (5.3)	10.9 (5.3)
Hematopoietic (C81-C96)	10.1 (5.2)	12.3 (6.0)	13.8 (6.7)	11.3 (5.0)	12.9 (6.2)	12.1 (5.8)
Other and unspecified	9.1 (4.7)	8.5 (4.1)	10.3 (5.0)	13.0 (5.8)	7.1 (3.4)	9.6 (4.6)
All sites	196.0 (100.0)	205.7 (100.0)	204.8 (100.0)	224.1 (100.0)	209.1 (100.0)	208.1 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	1.7 (0.8)	2.6 (1.1)	1.7 (0.8)	3.0 (1.2)	3.2 (1.4)	2.5 (1.1)
Digestive organs (C15-C26)	61.7 (27.9)	63.8 (27.0)	55.9 (25.5)	59.8 (24.3)	57.2 (25.1)	59.6 (25.9)
Respiratory organs (C30-C39)	23.4 (10.6)	26.9 (11.4)	24.3 (11.1)	28.8 (11.7)	25.4 (11.1)	25.8 (11.2)
Bone, cartilage, and skin (C40-C44)	31.7 (14.3)	37.0 (15.6)	32.3 (14.7)	39.3 (16.0)	34.9 (15.3)	35.1 (15.2)
Urinary organs (C64-C68)	16.5 (7.5)	18.5 (7.8)	15.6 (7.1)	18.9 (7.7)	16.6 (7.3)	17.2 (7.5)
Eye, brain, and thyroid (C69-C75)	5.4 (2.4)	6.4 (2.7)	8.3 (3.8)	9.8 (4.0)	8.8 (3.9)	7.8 (3.4)
Hematopoietic (C81-C96)	11.8 (5.3)	12.6 (5.3)	14.8 (6.8)	13.3 (5.4)	13.5 (5.9)	13.2 (5.7)
Other and unspecified	9.1 (4.1)	9.3 (3.9)	9.5 (4.3)	11.6 (4.7)	9.0 (3.9)	9.7 (4.2)
All sites	221.2 (100.0)	236.5 (100.0)	219.5 (100.0)	245.9 (100.0)	228.2 (100.0)	230.3 (100.0)

*Aggregated data from the population-based cancer registries of Antofagasta and Valdivia

CHILE* (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)	72	0	0.5	.	.	.	.	.	.	0.5	1.6	5.1	8.0	6.3	21.1	15.7	20.7	24.8	3.1	3.4	0.40	88	1	15	C00-14
Oesophagus (C15)	128	0	.	.	.	.	.	.	0.5	.	0.5	2.5	4.8	7.4	12.6	47.1	67.3	103.2	5.5	6.1	0.71	78	14	10	C15
Stomach (C16)	623	0	.	.	.	1.0	0.6	2.2	4.9	14.3	18.4	33.4	33.4	59.9	98.3	184.4	287.2	367.4	26.6	29.1	3.52	82	11	3	C16
Colon (C18)	189	0	.	.	.	0.5	0.5	0.6	0.5	1.6	2.2	8.9	12.7	22.1	30.9	35.3	82.8	113.5	8.1	8.7	0.99	80	13		C18
Rectum (C19-20)	116	0	.	.	.	.	.	0.6	1.6	1.1	3.3	3.8	6.4	14.7	16.8	39.2	25.9	70.2	5.0	5.3	0.57	84	8		C19-20
Colorectal (C18-20)	305	0	.	.	.	0.5	0.5	1.1	2.2	2.7	5.5	12.7	19.1	36.8	47.7	74.5	108.7	183.7	13.0	14.0	1.56	82	11	4	C18-20
Anus (C21)	9	0	.	.	.	.	.	.	.	.	.	0.6	0.8	2.1	1.4	2.0	2.6	4.1	0.4	0.4	0.05	89	0	24	C21
Colon, rectum and anus (C18-21)	314	0	.	.	0.5	0.5	1.1	2.2	2.7	2.7	5.5	13.3	19.9	38.9	49.1	76.5	111.2	187.8	13.4	14.4	1.61	82	11		C18-21
Liver (C22)	98	0	1.1	.	0.5	.	0.6	0.5	0.5	0.5	2.7	2.5	7.2	10.5	21.1	13.7	41.4	53.7	4.2	4.5	0.51	40	30	13	C22
Gallbladder (C23-24)	156	0	.	.	.	.	0.6	0.6	.	0.5	1.6	2.5	11.1	10.5	26.7	41.2	72.4	113.5	6.7	7.3	0.84	51	23	9	C23-24
Pancreas (C25)	112	0	.	.	.	.	.	.	.	.	1.6	5.7	9.6	15.8	19.7	41.2	41.4	45.4	4.8	5.3	0.67	32	29	12	C25
Nose, sinuses (C30-31)	16	0	.	.	.	.	.	.	0.5	0.5	1.1	.	0.8	3.2	5.6	2.0	2.6	4.1	0.7	0.7	0.08	81	13	23	C30-31
Larynx (C32)	57	0	.	.	.	.	.	.	0.5	0.5	0.5	3.2	4.0	6.3	9.8	13.7	28.5	26.8	2.4	2.6	0.34	82	9	18	C32
Lung, trachea and bronchus (C33-34)	703	0	.	.	.	.	0.6	1.1	0.5	7.7	17.7	38.9	46.2	101.9	169.9	227.5	297.5	309.6	30.0	33.8	4.35	56	25	2	C33-34
Melanoma of skin (C43)	60	0	.	.	.	0.9	0.6	0.6	1.1	2.2	2.2	3.8	4.8	12.6	7.0	7.8	15.5	16.5	2.6	2.6	0.29	100	0	19	C43
Mesothelioma (C45)	6	0	.	.	.	.	.	.	0.5	0.5	0.5	.	.	1.1	.	.	.	4.1	0.3	0.2	0.01	100	0	25	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	.	.	.	0.5	.	0.6	.	.	.	2.0	.	.	0.1	0.1	0.02	100	0	27	C46
Breast (C50)	4	0	.	.	.	.	.	.	.	.	0.5	0.6	.	.	.	2.0	.	2.1	0.2	0.2	0.02	100	0	26	C50
Penis (C60)	29	0	.	.	.	.	.	.	.	0.5	.	1.9	4.8	2.1	1.4	2.0	18.1	16.5	1.2	1.3	0.15	90	7	21	C60
Prostate (C61)	1091	0	.	.	.	.	.	.	.	0.5	1.6	10.1	19.9	87.2	150.2	347.2	600.2	922.6	46.6	52.1	6.09	89	8	1	C61
Testis (C62)	219	0	1.1	.	0.9	5.6	13.1	24.6	27.0	18.4	14.8	4.4	4.0	4.2	4.2	4.2	2.0	4.1	9.4	8.3	0.62	94	3	7	C62
Kidney (C64)	218	0	1.1	.	0.5	.	.	.	0.5	2.2	2.2	10.1	11.9	26.3	59.0	53.0	95.7	90.8	9.3	10.4	1.31	71	10	6	C64
Bladder (C67)	237	0	.	.	.	.	.	.	1.1	1.6	6.6	13.9	10.4	29.4	39.3	41.2	113.8	132.1	10.1	10.8	1.29	81	11	5	C67
Brain, CNS (C70-72)	58	0	3.2	1.0	0.5	.	0.5	1.1	0.5	1.1	3.3	2.5	3.2	6.3	5.6	15.7	10.3	14.4	2.5	2.7	0.27	52	21	17	C70-72
Thyroid (C73)	34	0	.	.	.	0.5	1.0	1.1	1.1	2.2	1.1	3.8	3.2	1.1	2.8	5.9	10.3	2.1	1.5	1.4	0.17	97	3	20	C73
Hodgkin disease (C81)	28	0	0.5	0.5	0.5	1.9	1.5	1.1	.	1.6	2.2	0.6	1.6	2.1	.	.	2.6	6.2	1.2	1.1	0.08	100	0	22	C81
Non-Hodgkin lymphoma (C82-85,C96)	100	0	2.6	.	1.8	1.9	0.5	1.1	3.8	3.8	2.7	5.7	5.6	9.5	11.2	7.8	25.9	37.2	4.3	4.3	0.42	100	0	14	C82-85,C96
Multiple myeloma (C88-C90)	68	0	.	.	.	.	.	0.6	.	1.1	.	3.2	4.0	9.5	14.0	25.5	28.5	24.8	2.9	3.3	0.43	99	0	16	C88-C90
Lymphoid leukaemia (C91)	36	0	4.8	3.0	0.9	2.8	0.5	0.6	.	.	.	1.9	.	.	1.4	3.9	5.2	6.2	1.5	1.8	0.12	100	0		C91
Myeloid leukaemia (C92-94)	62	0	2.6	1.0	0.9	0.9	1.0	0.6	1.1	1.6	1.1	2.5	3.2	6.3	7.0	5.9	10.3	31.0	2.6	2.8	0.23	100	0		C92-94
Leukaemia unspecified (C95)	20	0	3.2	0.5	0.5	0.5	.	0.6	.	0.5	0.5	0.6	.	2.1	1.4	.	2.6	6.2	0.9	1.0	0.06	100	0		C95
Leukaemia (C91-95)	118	0	10.6	4.5	2.3	4.2	1.5	1.7	1.1	2.2	1.6	5.1	3.2	8.4	9.8	9.8	18.1	43.3	5.0	5.6	0.42	100	0	11	C91-95
Other and unspecified (O&U)	162	0	.	0.5	0.5	.	.	.	.	1.1	3.3	6.3	11.1	20.0	21.1	49.0	54.3	99.1	6.9	7.5	0.84	42	20	8	O&U
All sites but C44 (ALLbC44)	4915	0	24.3	6.5	9.6	21.0	22.6	37.5	47.6	54.8	85.6	150.7	250.9	499.0	786.1	1265.1	2018.0	2724.5	210.1	228.2	26.40	77	12		ALLbC44
All sites (ALL)	5647	0	24.3	6.5	9.6	21.5	24.6	38.0	49.7	62.9	108.6	180.5	313.8	587.2	926.5	1447.5	2250.9	3079.5	241.3	261.7	30.26	80	11		ALL

*Aggregated data from the population-based cancer registries of Antofagasta and Valdivia
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

CHILE* (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)	41	0	0.5	.	0.5	.	1.1	0.6	0.6	.	0.6	2.1	1.7	5.4	4.0	5.1	10.4	18.1	1.8	1.6	0.16	83	2	21	C00-14
Oesophagus (C15)	87	0	.	.	.	.	.	.	0.6	0.6	0.6	1.4	0.9	4.3	5.4	18.7	31.3	65.4	3.9	3.1	0.32	75	14	17	C15
Stomach (C16)	262	0	.	.	.	.	0.6	0.6	0.6	3.7	5.0	12.6	13.1	21.6	40.4	56.2	71.0	132.1	11.8	10.3	1.13	78	13	6	C16
Colon (C18)	237	0	.	.	0.5	1.5	0.6	1.8	1.8	2.4	8.7	4.2	7.8	19.5	32.3	59.6	68.9	115.4	10.6	9.3	1.05	80	14		C18
Rectum (C19-20)	82	0	.	.	.	0.5	.	0.6	0.6	0.6	1.2	3.5	8.7	8.6	10.8	17.0	29.2	29.2	3.7	3.3	0.41	84	7		C19-20
Colorectal (C18-20)	319	0	.	.	0.5	2.0	0.6	2.4	2.4	3.1	9.9	7.7	16.5	28.1	43.1	76.6	98.1	144.6	14.3	12.7	1.45	81	12	4	C18-20
Anus (C21)	21	0	.	.	.	.	.	.	.	.	0.6	2.1	3.5	3.2	1.3	1.7	4.2	8.3	0.9	0.8	0.08	81	5	23	C21
Colon, rectum and anus (C18-21)	340	0	.	.	0.5	2.0	0.6	2.4	2.4	3.1	10.5	9.8	20.0	31.3	44.4	78.3	102.3	153.0	15.3	13.5	1.54	81	12		C18-21
Liver (C22)	82	0	1.1	.	.	.	.	.	0.6	1.2	0.6	1.4	1.7	5.4	21.5	15.3	25.1	41.7	3.7	3.3	0.37	40	24	16	C22
Gallbladder (C23-24)	422	0	.	.	.	.	.	.	.	1.8	9.3	14.0	27.9	37.8	74.0	117.4	125.3	184.9	19.0	17.1	2.04	55	15	2	C23-24
Pancreas (C25)	107	0	.	.	.	.	.	.	.	1.2	2.5	2.8	2.6	13.0	18.8	23.8	23.0	59.8	4.8	4.2	0.44	33	31	14	C25
Nose, sinuses (C30-31)	9	0	.	.	.	.	.	.	.	.	0.6	0.7	1.7	.	1.3	.	.	5.6	0.4	0.3	0.02	78	11	25	C30-31
Larynx (C32)	17	0	.	.	.	.	.	.	0.6	.	.	1.4	1.7	2.2	4.0	1.7	8.4	2.8	0.8	0.7	0.10	82	6	24	C32
Lung, trachea and bronchus (C33-34)	298	0	.	.	.	0.5	0.6	0.6	1.8	0.6	6.8	14.7	12.2	21.6	52.5	74.9	114.8	121.0	13.4	12.1	1.51	55	21	5	C33-34
Melanoma of skin (C43)	52	0	.	.	.	0.5	.	.	1.8	0.6	3.7	2.1	6.1	6.5	5.4	10.2	8.4	15.3	2.3	2.1	0.23	98	0	19	C43
Mesothelioma (C45)	8	0	.	.	.	.	.	.	.	.	0.6	.	1.7	1.1	1.3	1.7	.	2.8	0.4	0.3	0.03	100	0	26	C45
Kaposi sarcoma (C46)	3	0	.	.	.	.	0.6	.	.	.	.	0.7	.	.	1.3	.	.	.	0.1	0.1	0.01	100	0	27	C46
Breast (C50)	847	0	.	.	.	.	0.6	2.4	4.8	23.3	49.5	87.5	90.6	102.7	126.5	132.7	164.9	196.1	38.0	35.0	3.93	93	4	1	C50
Cervix uteri (C53)	347	0	.	.	0.5	.	1.7	6.0	20.9	25.7	29.7	30.1	34.0	32.4	22.9	32.3	41.8	55.6	15.6	13.9	1.39	90	5	3	C53
Corpus uteri (C54)	90	0	.	.	.	.	.	.	1.8	2.4	5.0	4.2	9.6	13.0	18.8	20.4	16.7	16.7	4.0	3.8	0.46	90	6	15	C54
Ovary (C56)	136	0	.	.	0.5	.	0.6	.	3.0	3.7	7.4	11.2	13.1	17.3	20.2	35.7	20.9	25.0	6.1	5.7	0.67	80	9	10	C56
Kidney (C64)	132	0	1.1	0.5	.	.	1.1	0.6	.	1.8	1.9	4.9	10.4	20.5	25.6	32.3	29.2	41.7	5.9	5.6	0.65	73	11	11	C64
Bladder (C67)	152	0	.	.	.	.	.	.	.	0.6	4.3	2.8	5.2	17.3	25.6	34.0	68.9	64.0	6.8	6.1	0.79	80	10	9	C67
Brain, CNS (C70-72)	56	0	2.7	1.0	1.4	1.0	0.6	0.6	0.6	2.4	3.1	2.1	1.7	2.2	10.8	8.5	16.7	5.6	2.5	2.5	0.28	46	23	18	C70-72
Thyroid (C73)	198	0	.	.	.	1.0	3.9	6.0	10.7	10.4	16.1	24.5	25.3	11.9	16.1	20.4	6.3	22.2	8.9	8.2	0.76	98	1	7	C73
Hodgkin disease (C81)	27	0	.	.	1.0	1.0	1.7	0.6	0.6	1.2	.	4.9	2.6	.	.	3.4	6.3	1.4	1.2	1.1	0.12	100	0	22	C81
Non-Hodgkin lymphoma (C82-85,C96)	109	0	0.5	.	.	.	0.6	1.8	0.6	2.4	5.0	7.0	7.8	8.6	12.1	22.1	10.4	51.4	4.9	4.3	0.40	100	0	13	C82-85,C96
Multiple myeloma (C88-C90)	50	0	.	.	.	.	.	.	.	.	.	2.8	4.4	2.2	4.0	22.1	16.7	20.9	2.2	2.0	0.26	100	0	20	C88-C90
Lymphoid leukaemia (C91)	46	0	4.4	2.1	1.0	1.5	0.6	1.8	0.6	0.6	0.6	2.8	2.6	1.1	4.0	5.1	2.1	9.7	2.1	2.1	0.15	100	0		C91
Myeloid leukaemia (C92-94)	46	0	0.5	.	0.5	1.0	1.1	0.6	1.8	0.6	2.5	2.8	4.4	1.1	4.0	10.2	4.2	13.9	2.1	1.9	0.18	100	0		C92-94
Leukaemia unspecified (C95)	14	0	.	2.1	.	.	.	.	0.6	.	0.6	.	0.9	1.1	.	.	6.3	4.2	0.6	0.6	0.06	100	0		C95
Leukaemia (C91-95)	106	0	4.9	4.2	1.4	2.5	1.7	2.4	3.0	1.2	3.7	5.6	7.8	3.2	8.1	15.3	12.5	27.8	4.8	4.6	0.39	100	0	12	C91-95
Other and unspecified (O&U)	182	0	0.5	.	.	1.0	.	0.6	.	0.6	1.9	2.8	12.2	11.9	29.6	37.4	54.3	104.3	8.2	7.1	0.76	40	24	8	O&U
All sites but C44 (ALLbC44)	4386	0	12.6	6.2	7.6	11.5	17.8	26.6	57.2	97.3	177.0	288.7	329.1	412.8	623.0	850.9	1020.9	1528.2	197.0	177.8	19.60	78	10		ALLbC44
All sites (ALL)	5153	0	12.6	6.8	7.6	12.0	18.4	29.0	64.9	111.4	211.7	315.6	380.5	493.9	730.7	976.8	1198.4	1845.2	231.5	208.1	22.85	81	9		ALL

*Aggregated data from the population-based cancer registries of Antofagasta and Valdivia
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

CHILE (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)	134 (1.3)	130 (1.3)	144 (1.4)	123 (1.1)	147 (1.4)	678 (1.3)
Digestive organs (C15-C26)	4509 (44.4)	4383 (42.7)	4555 (43.0)	4644 (43.1)	4483 (42.0)	22574 (43.0)
Respiratory organs (C30-C39)	1415 (13.9)	1569 (15.3)	1592 (15.0)	1649 (15.3)	1654 (15.5)	7879 (15.0)
Bone, cartilage, and skin (C40-C44)	97 (1.0)	84 (0.8)	92 (0.9)	80 (0.7)	66 (0.6)	419 (0.8)
Male genitalia (C60-C63)	1581 (15.6)	1561 (15.2)	1607 (15.2)	1679 (15.6)	1672 (15.7)	8100 (15.4)
Urinary organs (C64-C68)	490 (4.8)	531 (5.2)	607 (5.7)	541 (5.0)	574 (5.4)	2743 (5.2)
Eye, brain, and thyroid (C69-C75)	171 (1.7)	202 (2.0)	189 (1.8)	173 (1.6)	221 (2.1)	956 (1.8)
Hematopoietic (C81-C96)	800 (7.9)	804 (7.8)	801 (7.6)	852 (7.9)	841 (7.9)	4098 (7.8)
Other and unspecified	953 (9.4)	999 (9.7)	998 (9.4)	1032 (9.6)	1016 (9.5)	4998 (9.5)
All sites	10150 (100.0)	10263 (100.0)	10585 (100.0)	10773 (100.0)	10674 (100.0)	52445 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	61 (0.6)	60 (0.6)	52 (0.5)	61 (0.6)	57 (0.6)	291 (0.6)
Digestive organs (C15-C26)	4323 (45.1)	4253 (44.0)	4310 (43.4)	4301 (42.8)	4360 (43.4)	21547 (43.7)
Respiratory organs (C30-C39)	724 (7.6)	774 (8.0)	834 (8.4)	890 (8.8)	924 (9.2)	4146 (8.4)
Bone, cartilage, and skin (C40-C44)	70 (0.7)	75 (0.8)	55 (0.6)	71 (0.7)	79 (0.8)	350 (0.7)
Breast (C50)	1070 (11.2)	1096 (11.3)	1169 (11.8)	1145 (11.4)	1123 (11.2)	5603 (11.4)
Female genitalia (C51-C58)	1203 (12.6)	1206 (12.5)	1252 (12.6)	1252 (12.4)	1182 (11.8)	6095 (12.4)
Urinary organs (C64-C68)	250 (2.6)	295 (3.0)	357 (3.6)	336 (3.3)	339 (3.4)	1577 (3.2)
Eye, brain, and thyroid (C69-C75)	185 (1.9)	193 (2.0)	186 (1.9)	193 (1.9)	217 (2.2)	974 (2.0)
Hematopoietic (C81-C96)	753 (7.9)	747 (7.7)	734 (7.4)	775 (7.7)	741 (7.4)	3750 (7.6)
Other and unspecified	1049 (10.9)	1065 (11.0)	1089 (11.0)	1116 (11.1)	1126 (11.2)	5445 (11.0)
All sites	9582 (100.0)	9673 (100.0)	9931 (100.0)	10059 (100.0)	10045 (100.0)	49290 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	195 (1.0)	190 (1.0)	196 (1.0)	184 (0.9)	204 (1.0)	969 (1.0)
Digestive organs (C15-C26)	8832 (44.8)	8636 (43.3)	8865 (43.2)	8945 (42.9)	8843 (42.7)	44121 (43.4)
Respiratory organs (C30-C39)	2139 (10.8)	2343 (11.8)	2426 (11.8)	2539 (12.2)	2578 (12.4)	12025 (11.8)
Bone, cartilage, and skin (C40-C44)	167 (0.8)	159 (0.8)	147 (0.7)	151 (0.7)	145 (0.7)	769 (0.8)
Urinary organs (C64-C68)	740 (3.8)	826 (4.1)	964 (4.7)	877 (4.2)	913 (4.4)	4320 (4.2)
Eye, brain, and thyroid (C69-C75)	356 (1.8)	395 (2.0)	375 (1.8)	366 (1.8)	438 (2.1)	1930 (1.9)
Hematopoietic (C81-C96)	1553 (7.9)	1551 (7.8)	1535 (7.5)	1627 (7.8)	1582 (7.6)	7848 (7.7)
Other and unspecified	2002 (10.1)	2064 (10.4)	2087 (10.2)	2148 (10.3)	2142 (10.3)	10443 (10.3)
All sites	19732 (100.0)	19936 (100.0)	20516 (100.0)	20832 (100.0)	20719 (100.0)	101735 (100.0)

CHILE (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)	1.8 (1.3)	1.7 (1.3)	1.8 (1.4)	1.5 (1.2)	1.7 (1.4)	1.7 (1.3)
Digestive organs (C15-C26)	58.5 (44.9)	54.8 (43.1)	54.8 (43.5)	53.8 (43.5)	49.9 (42.4)	54.2 (43.5)
Respiratory organs (C30-C39)	18.7 (14.4)	20.1 (15.8)	19.6 (15.6)	19.4 (15.7)	18.8 (16.0)	19.3 (15.5)
Bone, cartilage, and skin (C40-C44)	1.2 (1.0)	1.0 (0.8)	1.0 (0.8)	0.9 (0.7)	0.7 (0.6)	1.0 (0.8)
Male genitalia (C60-C63)	19.1 (14.7)	18.0 (14.2)	17.9 (14.2)	17.9 (14.5)	17.0 (14.4)	18.0 (14.4)
Urinary organs (C64-C68)	6.4 (4.9)	6.7 (5.3)	7.1 (5.7)	6.3 (5.1)	6.2 (5.3)	6.5 (5.2)
Eye, brain, and thyroid (C69-C75)	2.2 (1.7)	2.5 (2.0)	2.3 (1.8)	2.1 (1.7)	2.6 (2.2)	2.4 (1.9)
Hematopoietic (C81-C96)	10.3 (7.9)	10.1 (8.0)	9.7 (7.7)	9.9 (8.0)	9.5 (8.0)	9.9 (7.9)
Other and unspecified	12.1 (9.3)	12.1 (9.5)	11.7 (9.3)	11.7 (9.5)	11.3 (9.6)	11.8 (9.5)
All sites	130.3 (100.0)	127.0 (100.0)	126.0 (100.0)	123.6 (100.0)	117.9 (100.0)	124.8 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.6 (0.6)	0.5 (0.6)	0.5 (0.5)	0.5 (0.6)	0.5 (0.5)	0.5 (0.6)
Digestive organs (C15-C26)	42.3 (44.1)	39.7 (42.8)	39.2 (42.4)	37.6 (41.4)	36.7 (42.0)	39.0 (42.5)
Respiratory organs (C30-C39)	7.3 (7.6)	7.5 (8.1)	7.9 (8.5)	8.1 (8.9)	8.1 (9.3)	7.8 (8.5)
Bone, cartilage, and skin (C40-C44)	0.7 (0.8)	0.7 (0.8)	0.5 (0.5)	0.6 (0.7)	0.7 (0.8)	0.7 (0.7)
Breast (C50)	11.1 (11.6)	11.0 (11.9)	11.3 (12.2)	10.8 (11.9)	10.2 (11.7)	10.9 (11.8)
Female genitalia (C51-C58)	12.7 (13.3)	12.2 (13.2)	12.2 (13.2)	12.1 (13.3)	11.1 (12.7)	12.0 (13.1)
Urinary organs (C64-C68)	2.4 (2.5)	2.7 (2.9)	3.2 (3.5)	2.9 (3.2)	2.8 (3.1)	2.8 (3.0)
Eye, brain, and thyroid (C69-C75)	2.0 (2.1)	2.0 (2.2)	1.9 (2.0)	1.9 (2.1)	2.1 (2.4)	2.0 (2.1)
Hematopoietic (C81-C96)	7.8 (8.1)	7.5 (8.1)	7.1 (7.7)	7.2 (7.9)	6.8 (7.8)	7.3 (7.9)
Other and unspecified	10.0 (10.5)	9.8 (10.5)	9.7 (10.5)	9.9 (10.9)	9.5 (10.8)	9.8 (10.7)
All sites	95.9 (100.0)	92.9 (100.0)	92.3 (100.0)	90.8 (100.0)	87.5 (100.0)	91.8 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	1.1 (1.0)	1.1 (1.0)	1.1 (1.0)	0.9 (0.9)	1.0 (1.0)	1.0 (1.0)
Digestive organs (C15-C26)	49.2 (44.7)	46.2 (43.2)	45.9 (43.2)	44.6 (42.8)	42.5 (42.5)	45.6 (43.3)
Respiratory organs (C30-C39)	12.3 (11.2)	13.0 (12.2)	13.1 (12.3)	13.1 (12.6)	12.9 (12.8)	12.9 (12.2)
Bone, cartilage, and skin (C40-C44)	1.0 (0.9)	0.9 (0.8)	0.7 (0.7)	0.8 (0.7)	0.7 (0.7)	0.8 (0.8)
Urinary organs (C64-C68)	4.2 (3.8)	4.5 (4.2)	4.9 (4.6)	4.4 (4.2)	4.3 (4.3)	4.4 (4.2)
Eye, brain, and thyroid (C69-C75)	2.1 (1.9)	2.3 (2.1)	2.1 (2.0)	2.0 (1.9)	2.3 (2.3)	2.2 (2.1)
Hematopoietic (C81-C96)	8.9 (8.1)	8.7 (8.1)	8.2 (7.8)	8.4 (8.1)	8.0 (8.0)	8.5 (8.0)
Other and unspecified	11.0 (10.0)	10.8 (10.1)	10.6 (10.0)	10.7 (10.3)	10.3 (10.3)	10.7 (10.1)
All sites	110.0 (100.0)	107.0 (100.0)	106.1 (100.0)	104.2 (100.0)	100.0 (100.0)	105.3 (100.0)

CHILE (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)	678	0	.	.	.	0.1	0.0	0.1	0.1	0.1	0.5	1.4	2.2	5.0	7.6	10.4	15.2	15.8	1.7	1.7	0.2	15	C00-14
Oesophagus (C15)	2200	0	.	.	.	0.1	0.0	.	0.1	0.2	0.4	1.4	3.6	6.5	17.3	33.1	54.1	95.7	5.5	5.2	0.6	7	C15
Stomach (C16)	10215	0	.	.	.	0.0	0.1	0.5	1.5	2.9	7.5	12.5	27.9	51.4	87.5	148.1	234.6	350.3	25.3	24.6	2.9	1	C16
Colon (C18)	2279	0	.	.	.	0.1	0.2	0.2	0.5	0.8	1.3	1.9	4.8	8.2	15.9	29.1	47.0	100.4	5.7	5.3	0.6		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
Anus (C21)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C21
Colon, rectum and anus (C18-21)	3425	0	.	.	.	0.1	0.3	0.4	1.0	1.7	2.0	3.6	7.0	12.9	24.7	46.2	72.9	140.7	8.5	8.1	0.9		C18-21
Liver (C22)	2227	0	0.3	0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.9	2.3	4.5	11.4	21.1	34.1	53.2	76.7	5.5	5.4	0.6	6	C22
Gallbladder (C23-24)	2498	0	.	.	.	0.0	.	0.1	0.1	0.5	1.9	3.3	7.1	10.8	22.8	34.1	51.5	93.4	6.2	6.0	0.7	5	C23-24
Pancreas (C25)	2009	0	.	0.0	.	.	.	0.0	0.2	0.8	1.5	2.7	6.7	13.6	17.8	30.1	43.4	60.0	5.0	4.9	0.6	8	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C30-31
Larynx (C32)	555	0	.	.	.	0.0	.	.	0.0	0.1	0.1	0.4	1.5	3.0	5.4	7.9	14.8	18.7	1.4	1.4	0.2	16	C32
Lung (C33-34)	7324	0	.	.	0.0	0.2	0.1	0.4	0.8	1.1	3.0	8.2	19.8	42.4	76.0	117.1	170.4	225.0	18.2	18.0	2.2	2	C33-34
Melanoma of skin (C43)	419	0	.	.	.	0.0	0.0	0.3	0.2	0.5	1.1	1.1	1.8	2.3	3.8	4.6	5.1	11.0	1.0	1.0	0.1	18	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C46
Breast (C50)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C50
Penis (C60)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C60
Prostate (C61)	7630	0	.	.	.	.	0.0	0.0	.	0.0	0.2	0.5	3.6	7.2	25.6	69.5	159.4	505.0	18.9	16.9	1.3	3	C61
Testis (C62)	470	0	.	.	.	0.6	1.6	2.8	2.7	2.2	1.5	1.0	0.5	0.9	1.0	0.7	1.3	3.0	1.2	1.1	0.1	17	C62
Kidney (C64)	1623	0	0.1	0.1	0.1	0.1	.	0.1	0.1	0.4	1.1	2.9	5.6	9.5	14.1	25.4	34.6	48.2	4.0	4.0	0.5	9	C64
Bladder (C67)	1120	0	.	.	.	.	.	.	0.1	0.2	0.5	1.1	2.2	3.9	7.0	12.4	23.0	54.8	2.8	2.6	0.3	12	C67
Brain, CNS (C70-72)	809	0	0.5	0.7	0.9	0.6	0.3	0.4	1.0	0.7	1.8	2.3	3.2	5.0	6.0	10.0	11.0	9.9	2.0	2.0	0.2	14	C70-72
Thyroid (C73)	147	0	.	.	.	.	.	.	0.0	.	0.0	0.3	0.5	0.9	1.2	2.7	3.0	4.3	0.4	0.4	0.0	19	C73
Hodgkin disease (C81)	126	0	.	0.1	0.0	0.1	0.2	0.4	0.2	0.4	0.1	0.1	0.2	0.5	1.2	1.3	1.8	1.9	0.3	0.3	0.0	20	C81
Non-Hodgkin lymphoma (C82-85,C96)	1421	0	0.2	0.1	0.3	0.6	0.8	1.2	1.3	1.5	2.6	2.7	4.5	7.3	10.0	16.9	22.8	37.3	3.5	3.4	0.4	11	C82-85,C96
Multiple myeloma (C88+C90)	988	0	.	0.0	.	.	.	0.0	0.1	0.2	0.6	1.2	3.5	6.8	10.1	14.0	20.9	29.5	2.5	2.4	0.3	13	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)	1563	0	1.5	1.5	1.3	2.0	1.7	1.8	2.0	1.8	1.9	2.4	3.7	5.8	9.4	13.4	21.8	38.0	3.9	3.8	0.4	10	C91-95
Other and unspecified (O&U)	4998	0	0.7	0.7	0.6	1.6	1.5	1.9	3.1	3.6	4.7	7.0	12.1	23.1	36.3	56.4	89.4	180.0	12.4	11.8	1.2	4	O&U
All sites (ALL)	52445	0	3.3	3.4	3.1	6.2	6.7	10.5	14.7	19.0	33.8	58.5	121.5	230.2	406.1	688.2	1104.3	1999.0	130.1	124.8	13.5		ALL

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

†Percent

‡Rank based on highest ASMR excluding: All sites

CHILE (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)	291	0	.	.	.	0.0	0.0	0.1	0.2	0.2	0.2	0.6	0.6	0.9	1.1	2.6	3.0	8.8	0.7	0.5	0.0	20	C00-14
Oesophagus (C15)	1418	0	.	.	.	.	.	.	0.1	0.1	0.3	0.7	1.2	3.2	5.4	11.3	22.6	51.7	3.4	2.3	0.2	12	C15
Stomach (C16)	5095	0	.	.	0.0	.	0.2	0.7	1.3	1.9	3.6	5.8	8.8	16.4	26.2	44.4	76.2	151.8	12.4	8.9	0.9	4	C16
Colon (C18)	2912	0	.	.	.	.	0.1	0.3	0.7	0.8	1.6	3.0	4.7	8.6	16.2	23.3	36.8	94.9	7.1	5.0	0.5		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	25	C18-20
Anus (C21)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	25	C21
Colon, rectum and anus (C18-21)	3987	0	.	.	.	0.1	0.2	0.4	0.9	1.3	2.4	4.8	7.8	12.7	22.4	33.8	49.1	123.7	9.7	6.9	0.7		C18-21
Liver (C22)	1865	0	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.4	0.8	2.1	4.2	7.3	11.7	20.4	28.1	49.8	4.5	3.4	0.4	9	C22
Gallbladder (C23-24)	6658	0	.	.	.	.	0.0	0.1	0.3	1.8	5.5	12.1	24.6	36.9	55.6	75.1	92.5	134.3	16.2	12.9	1.5	1	C23-24
Pancreas (C25)	2524	0	.	.	.	.	0.1	0.2	0.2	0.4	1.1	2.9	6.1	10.3	18.6	27.7	39.0	64.1	6.1	4.7	0.5	7	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	25	C30-31
Larynx (C32)	86	0	.	.	.	.	.	.	.	.	0.1	0.1	0.4	0.2	0.7	0.9	1.5	2.0	0.2	0.2	0.0	22	C32
Lung (C33-34)	4060	0	0.0	.	0.0	.	0.1	0.3	0.3	0.8	1.5	4.9	9.5	18.6	30.8	48.8	65.7	95.6	9.9	7.6	0.9	5	C33-34
Melanoma of skin (C43)	350	0	0.0	.	.	0.0	0.0	0.2	0.2	0.2	0.6	0.7	1.0	1.7	2.3	2.6	3.7	8.2	0.8	0.7	0.1	18	C43
Mesothelioma (C45)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	25	C46
Breast (C50)	5603	0	.	.	.	.	0.1	0.6	1.9	5.6	10.3	17.3	25.9	32.5	38.3	46.4	56.2	102.7	13.6	10.9	1.2	2	C50
Cervix uteri (C53)	3728	0	.	.	.	0.0	0.3	1.2	3.9	6.3	8.7	11.5	16.8	20.1	22.2	30.7	35.6	59.6	9.1	7.3	0.8	6	C53
Corpus uteri (C54)	637	0	.	.	.	.	.	.	0.1	0.1	0.3	0.5	1.4	2.9	5.3	8.2	11.8	14.0	1.5	1.2	0.2	16	C54
Ovary (C56)	1730	0	0.0	.	.	0.1	0.2	0.5	0.5	1.4	2.5	6.2	7.9	12.1	12.9	19.3	17.9	24.2	4.2	3.5	0.4	8	C56
Kidney (C64)	907	0	0.2	0.0	.	0.1	0.0	0.0	0.0	0.3	0.6	1.4	1.9	4.1	6.4	8.6	14.1	22.5	2.2	1.7	0.2	14	C64
Bladder (C67)	670	0	.	.	.	.	0.0	.	0.0	0.1	0.1	0.4	0.5	1.7	3.6	5.3	9.5	23.9	1.6	1.1	0.1	17	C67
Brain, CNS (C70-72)	662	0	0.6	0.6	0.4	0.5	0.4	0.5	0.7	0.7	1.5	0.9	2.5	3.0	4.6	7.2	6.0	7.7	1.6	1.4	0.2	15	C70-72
Thyroid (C73)	312	0	.	.	.	.	0.0	.	.	0.0	0.3	0.3	0.6	0.9	1.8	3.5	4.4	9.2	0.8	0.6	0.1	19	C73
Hodgkin disease (C81)	120	0	.	.	0.1	0.1	0.3	0.2	0.1	0.2	0.3	0.3	0.1	0.4	0.5	0.8	1.0	2.2	0.3	0.2	0.0	21	C81
Non-Hodgkin lymphoma (C82-85,C96)	1282	0	0.1	0.1	0.1	0.1	0.6	0.7	0.7	0.7	1.4	2.1	3.1	5.3	9.0	11.7	17.0	29.1	3.1	2.4	0.3	11	C82-85,C96
Multiple myeloma (C88+C90)	910	0	.	0.0	.	.	.	0.0	0.1	0.0	0.3	0.5	1.7	4.4	6.6	11.9	16.4	21.7	2.2	1.7	0.2	13	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)	1438	0	1.4	1.1	1.2	1.4	1.3	1.3	1.6	1.6	2.2	3.0	3.6	5.8	6.1	9.8	11.4	26.0	3.5	2.9	0.3	10	C91-95
Other and unspecified (O&U)	5445	0	0.4	0.4	0.4	1.1	1.2	1.1	1.8	2.9	4.7	8.2	12.2	19.2	30.9	45.0	67.5	149.6	13.2	9.8	1.0	3	O&U
All sites (ALL)	49290	0	2.9	2.3	2.2	3.6	5.1	8.1	14.9	27.0	48.5	86.2	140.6	218.2	319.3	471.9	644.8	1171.5	119.7	91.8	10.0		ALL

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

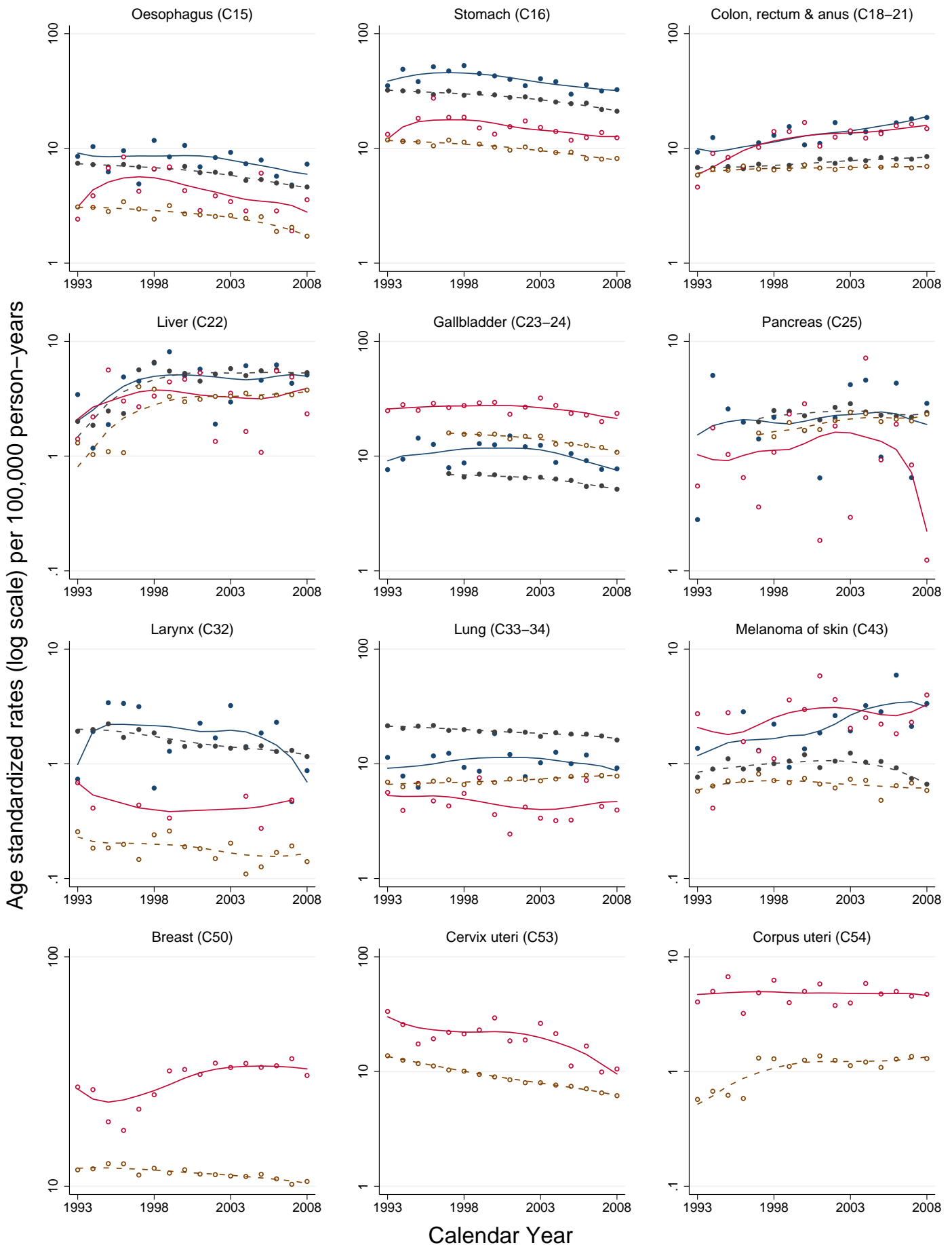
†Percent

‡Rank based on highest ASMR excluding: All sites

CHILE (1993–2008)

Trends in cancer incidence* and mortality by sex, all ages

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

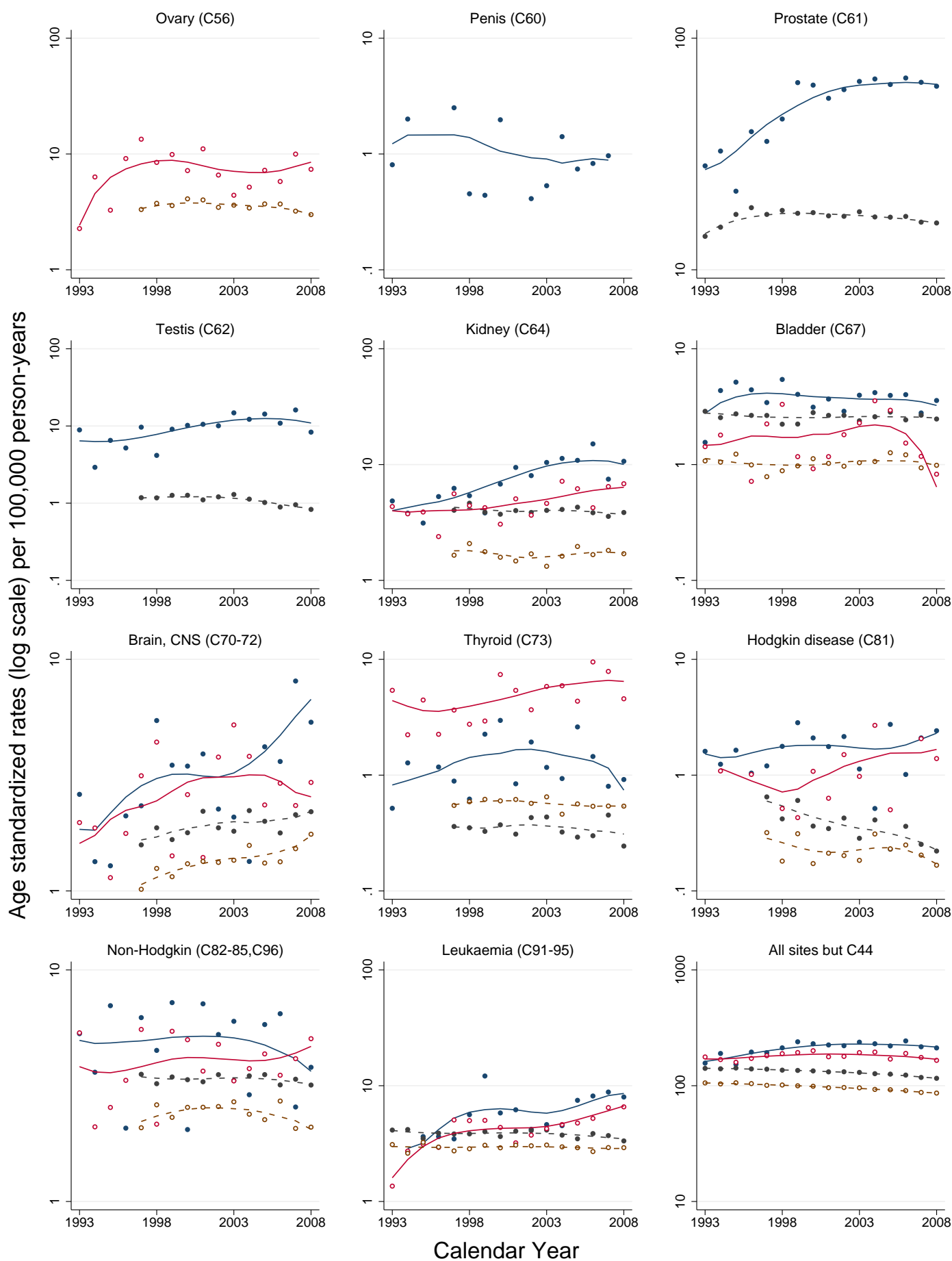


*Incidence rates were estimated using data from the population-based cancer registry of Valdivia

CHILE (1993-2008)

Trends in cancer incidence* and mortality by sex, all ages

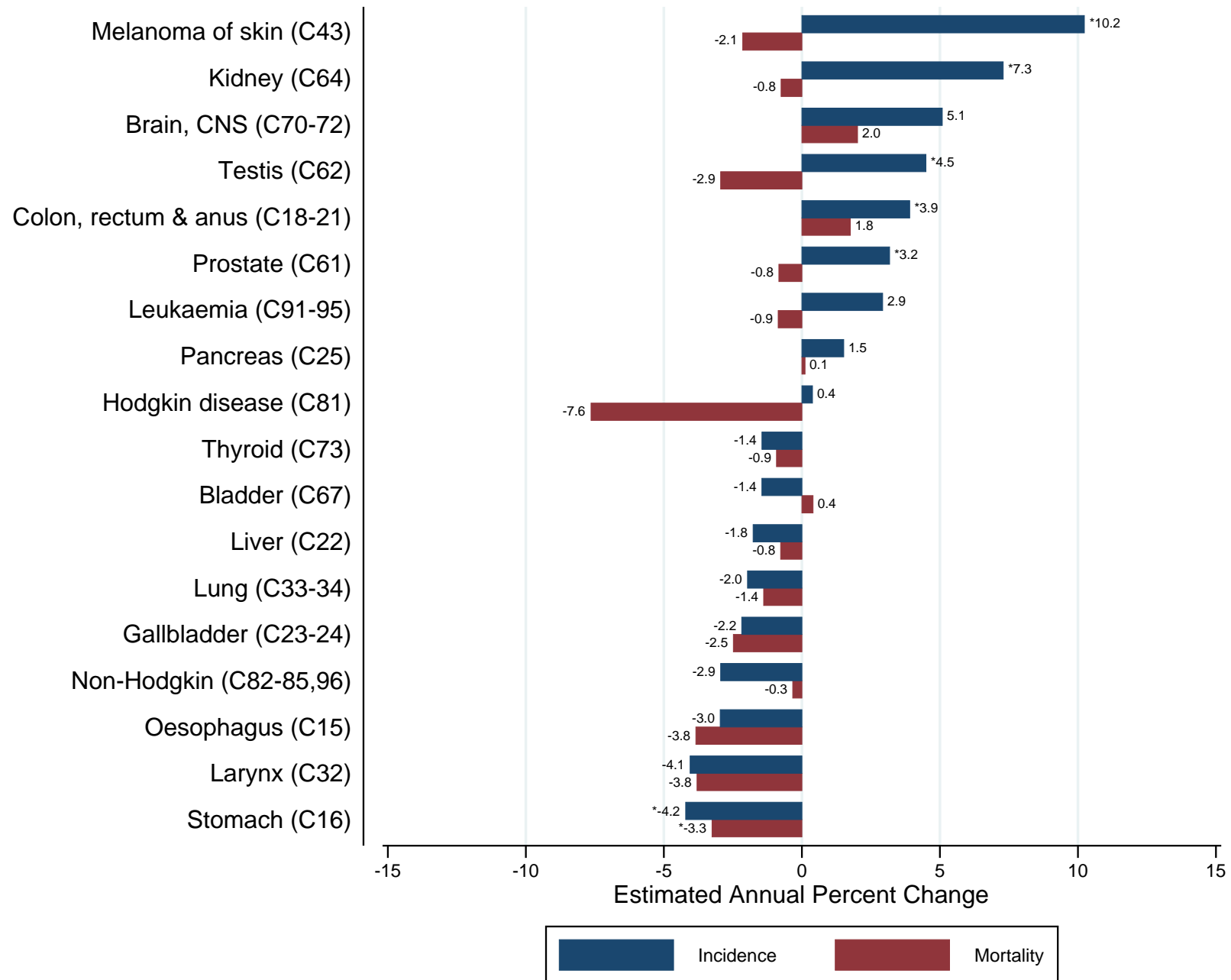
Symbols represent observed rates and lines represent the (LOWESS=0.5) smoothed trend



*Incidence rates were estimated using data from the population-based cancer registry of Valdivia

CHILE (1997-2008)

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

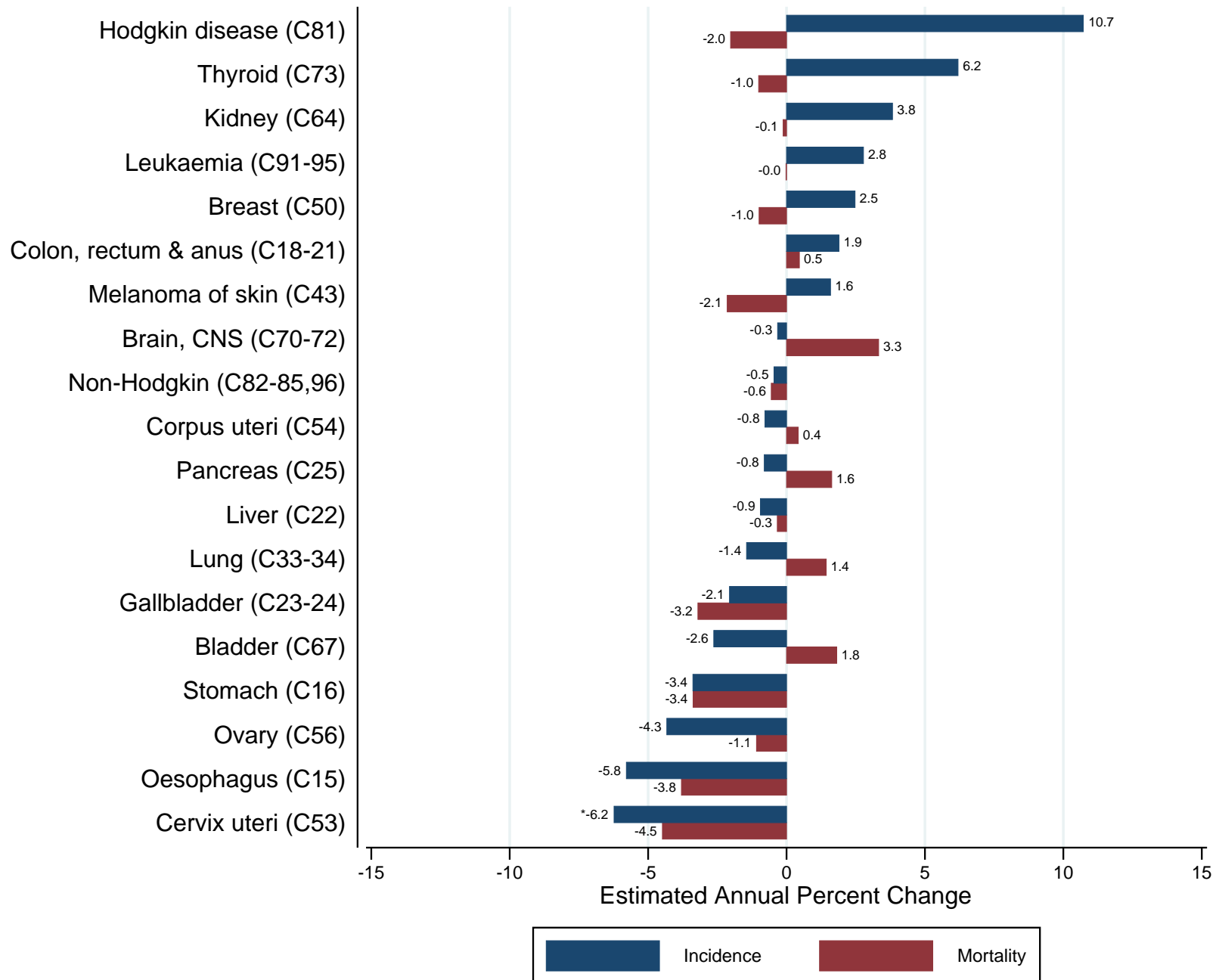


* The estimated annual percent change is statistically different from zero ($p \leq .05$)

Note: Incidence rates were estimated using data from the population-based cancer registry of Valdivia

CHILE (1997-2008)

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 Valdivia

CHILE* (2003-2007)

Average annual person-years

