

## Cancer in Central and South America

### PERU

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](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](http://www-dep.iarc.fr/CSU_resources.htm) accessed [date].”

## **Registry Summary Tables and Figures**

# **PERU, AREQUIPA (2002-2003)**

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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](http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5).

**PERU, AREQUIPA (2002-2003)**  
**Number of Cases in Major Diagnosis Groups**  
**per Calendar Year**

SITE	YEAR		TOTAL n (%)
	2002 n (%)	2003 n (%)	
MALES			
Lip, oral cavity, and pharynx (C00-C14)	5 (1.6)	10 (2.1)	15 (1.9)
Digestive organs (C15-C26)	70 (22.0)	112 (23.4)	182 (22.8)
Respiratory organs (C30-C39)	32 (10.1)	42 (8.8)	74 (9.3)
Bone, cartilage, and skin (C40-C44)	48 (15.1)	51 (10.6)	99 (12.4)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)
Male genitalia (C60-C63)	64 (20.1)	128 (26.7)	192 (24.1)
Urinary organs (C64-C68)	13 (4.1)	30 (6.3)	43 (5.4)
Eye, brain, and thyroid (C69-C75)	19 (6.0)	21 (4.4)	40 (5.0)
Hematopoietic (C81-C96)	39 (12.3)	56 (11.7)	95 (11.9)
Other and unspecified	28 (8.8)	29 (6.1)	57 (7.2)
All sites	318 (100.0)	479 (100.0)	797 (100.0)
FEMALES			
Lip, oral cavity, and pharynx (C00-C14)	9 (1.5)	8 (1.1)	17 (1.3)
Digestive organs (C15-C26)	93 (16.0)	128 (16.8)	221 (16.5)
Respiratory organs (C30-C39)	27 (4.6)	33 (4.3)	60 (4.5)
Bone, cartilage, and skin (C40-C44)	64 (11.0)	71 (9.3)	135 (10.1)
Breast (C50)	115 (19.8)	140 (18.4)	255 (19.0)
Female genitalia (C51-C58)	175 (30.1)	207 (27.2)	382 (28.4)
Urinary organs (C64-C68)	7 (1.2)	11 (1.4)	18 (1.3)
Eye, brain, and thyroid (C69-C75)	34 (5.8)	59 (7.8)	93 (6.9)
Hematopoietic (C81-C96)	37 (6.4)	73 (9.6)	110 (8.2)
Other and unspecified	21 (3.6)	31 (4.1)	52 (3.9)
All sites	582 (100.0)	761 (100.0)	1343 (100.0)
BOTH SEXES			
Lip, oral cavity, and pharynx (C00-C14)	14 (1.6)	18 (1.5)	32 (1.5)
Digestive organs (C15-C26)	163 (18.1)	240 (19.4)	403 (18.8)
Respiratory organs (C30-C39)	59 (6.6)	75 (6.0)	134 (6.3)
Bone, cartilage, and skin (C40-C44)	112 (12.4)	122 (9.8)	234 (10.9)
Urinary organs (C64-C68)	20 (2.2)	41 (3.3)	61 (2.9)
Eye, brain, and thyroid (C69-C75)	53 (5.9)	80 (6.5)	133 (6.2)
Hematopoietic (C81-C96)	76 (8.4)	129 (10.4)	205 (9.6)
Other and unspecified	49 (5.4)	60 (4.8)	109 (5.1)
All sites	900 (100.0)	1240 (100.0)	2140 (100.0)

**PERU, AREQUIPA (2002-2003)**  
**Age Standardized Incidence Rate\* (World Population) per 100,000**  
**in Major Diagnosis Groups per Calendar Year**

SITE	YEAR		TOTAL ASR (%)
	2002 ASR (%)	2003 ASR (%)	
MALES			
Lip, oral cavity, and pharynx (C00-C14)	2.8 (1.5)	5.8 (2.2)	4.3 (1.9)
Digestive organs (C15-C26)	42.9 (23.0)	63.3 (23.7)	53.1 (23.4)
Respiratory organs (C30-C39)	18.2 (9.8)	23.9 (8.9)	21.0 (9.3)
Bone, cartilage, and skin (C40-C44)	27.3 (14.6)	28.7 (10.8)	28.0 (12.4)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)
Male genitalia (C60-C63)	37.2 (20.0)	67.8 (25.4)	52.5 (23.2)
Urinary organs (C64-C68)	8.1 (4.4)	17.4 (6.5)	12.8 (5.6)
Eye, brain, and thyroid (C69-C75)	11.2 (6.0)	12.5 (4.7)	11.9 (5.2)
Hematopoietic (C81-C96)	21.5 (11.6)	30.8 (11.5)	26.2 (11.5)
Other and unspecified	17.0 (9.1)	16.9 (6.3)	16.9 (7.5)
All sites	186.4 (100.0)	267.2 (100.0)	226.7 (100.0)
FEMALES			
Lip, oral cavity, and pharynx (C00-C14)	4.7 (1.5)	4.5 (1.1)	4.6 (1.3)
Digestive organs (C15-C26)	50.6 (15.8)	66.8 (16.4)	58.7 (16.1)
Respiratory organs (C30-C39)	15.7 (4.9)	17.9 (4.4)	16.8 (4.6)
Bone, cartilage, and skin (C40-C44)	31.6 (9.9)	38.5 (9.5)	35.1 (9.7)
Breast (C50)	65.1 (20.3)	77.0 (18.9)	71.0 (19.5)
Female genitalia (C51-C58)	96.6 (30.2)	111.3 (27.3)	103.9 (28.6)
Urinary organs (C64-C68)	3.9 (1.2)	5.9 (1.4)	4.9 (1.3)
Eye, brain, and thyroid (C69-C75)	19.1 (6.0)	29.0 (7.1)	24.0 (6.6)
Hematopoietic (C81-C96)	22.1 (6.9)	38.8 (9.5)	30.5 (8.4)
Other and unspecified	10.8 (3.4)	17.4 (4.3)	14.1 (3.9)
All sites	320.3 (100.0)	406.9 (100.0)	363.5 (100.0)
BOTH SEXES			
Lip, oral cavity, and pharynx (C00-C14)	3.8 (1.5)	5.1 (1.5)	4.5 (1.5)
Digestive organs (C15-C26)	47.0 (18.2)	64.9 (19.0)	55.9 (18.7)
Respiratory organs (C30-C39)	16.8 (6.5)	20.8 (6.1)	18.8 (6.3)
Bone, cartilage, and skin (C40-C44)	29.5 (11.5)	33.5 (9.8)	31.5 (10.5)
Urinary organs (C64-C68)	5.9 (2.3)	11.3 (3.3)	8.6 (2.9)
Eye, brain, and thyroid (C69-C75)	15.3 (5.9)	21.3 (6.2)	18.3 (6.1)
Hematopoietic (C81-C96)	21.7 (8.4)	34.8 (10.2)	28.2 (9.4)
Other and unspecified	13.8 (5.4)	17.3 (5.1)	15.6 (5.2)
All sites	257.5 (100.0)	341.2 (100.0)	299.2 (100.0)

\*Population denominator available for 1 year

PERU, AREQUIPA (2002-2003)

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)	15	0	.	.	.	.	2.0	3.3	3.5	.	16.5	5.4	7.8	9.2	18.4	.	.	42.9	3.9	4.3	0.33	80	0	15	C00-14
Oesophagus (C15)	9	0	.	.	.	.	.	.	.	.	.	.	.	9.2	.	10.8	30.2	53.6	2.3	2.4	0.25	78	0	20	C15
Stomach (C16)	65	0	.	.	.	.	.	.	4.6	16.5	16.2	16.2	54.7	36.9	64.4	140.1	166.3	171.7	16.8	20.0	2.50	77	0	2	C16
Colon (C18)	29	1	.	.	.	.	.	3.3	3.5	4.6	5.5	5.4	.	27.7	9.2	10.8	60.5	150.2	7.5	7.7	0.88	79	0		C18
Rectum (C19-20)	24	0	.	.	.	.	.	.	7.1	4.6	.	.	.	.	9.2	75.4	45.4	107.3	6.2	6.4	0.71	92	0		C19-20
Colorectal (C18-20)	53	1	.	.	.	.	.	3.3	10.6	9.2	5.5	5.4	.	27.7	18.4	86.2	105.8	257.5	13.7	14.1	1.39	85	0	4	C18-20
Anus (C21)	3	0	.	.	.	.	.	.	.	.	.	.	.	.	9.2	.	30.2	.	0.8	1.0	0.20	100	0	23	C21
Colon, rectum and anus (C18-21)	56	1	.	.	.	.	.	3.3	10.6	9.2	5.5	5.4	.	27.7	27.6	86.2	136.1	257.5	14.5	15.0	1.59	86	0		C18-21
Liver (C22)	20	0	3.0	.	.	.	.	.	.	.	5.5	.	7.8	18.5	36.8	10.8	60.5	64.4	5.2	6.1	0.71	55	0	11	C22
Gallbladder (C23-24)	16	0	.	.	.	.	.	.	.	.	.	.	.	18.5	27.6	43.1	15.1	64.4	4.1	4.7	0.52	88	0	14	C23-24
Pancreas (C25)	10	1	.	.	.	.	.	.	.	.	5.4	5.4	7.8	.	43.1	43.1	.	32.2	2.6	2.9	0.31	50	0	19	C25
Nose, sinuses (C30-31)	12	0	.	.	.	.	.	6.5	.	.	5.5	5.4	7.8	18.5	18.4	10.8	.	21.5	3.1	3.8	0.36	100	0	17	C30-31
Larynx (C32)	6	1	.	.	.	.	.	.	.	.	.	.	.	9.2	.	.	15.1	32.2	1.6	1.6	0.15	83	0	21	C32
Lung, trachea and bronchus (C33-34)	55	0	.	.	.	.	.	.	3.5	.	5.5	16.2	7.8	18.5	82.8	97.0	60.5	268.2	14.2	15.4	1.46	75	0	3	C33-34
Melanoma of skin (C43)	17	1	.	.	.	.	.	3.3	.	4.6	11.0	.	15.6	9.2	18.4	21.5	30.2	32.2	4.4	5.3	0.61	100	0	12	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	3.5	.	.	.	.	.	.	.	.	.	0.3	0.2	0.02	100	0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C50
Penis (C60)	4	0	.	.	.	.	.	.	.	.	.	.	.	.	18.4	.	.	21.5	1.0	1.2	0.09	75	0	22	C60
Prostate (C61)	158	2	.	.	.	.	.	.	4.6	5.5	.	.	23.4	73.9	174.8	226.2	483.8	761.8	40.9	44.0	5.03	73	0	1	C61
Testis (C62)	28	1	3.0	.	.	4.5	2.0	29.5	17.7	9.2	5.5	5.4	.	.	.	.	15.1	42.9	7.2	7.0	0.48	75	0	10	C62
Kidney (C64)	24	1	.	.	2.2	.	.	.	3.5	4.6	.	5.4	15.6	27.7	36.8	43.1	15.1	53.6	6.2	7.4	0.80	75	0	9	C64
Bladder (C67)	18	0	.	.	.	.	.	6.5	.	.	5.5	5.4	7.8	18.5	9.2	10.8	45.4	85.8	4.7	5.1	0.51	50	0	13	C67
Brain, CNS (C70-72)	26	0	.	.	2.2	4.5	4.0	6.5	.	9.2	22.0	.	15.6	27.7	27.6	10.8	30.2	21.5	6.7	7.7	0.80	81	0	8	C70-72
Thyroid (C73)	12	0	.	.	.	.	2.0	6.5	3.5	.	11.0	.	.	.	9.2	21.5	45.4	.	3.1	3.5	0.50	67	0	18	C73
Hodgkin disease (C81)	4	0	.	.	2.2	.	2.0	.	.	.	.	.	.	.	.	.	.	21.5	1.0	0.8	0.02	100	0	24	C81
Non-Hodgkin lymphoma (C82-85,C96)	41	1	.	.	4.5	6.8	2.0	3.3	10.6	13.9	5.5	16.2	23.4	27.7	18.4	43.1	45.4	85.8	10.6	11.4	1.13	98	0	5	C82-85,C96
Multiple myeloma (C88-C90)	13	0	.	.	.	.	.	.	.	.	.	5.4	7.8	18.5	27.6	32.3	15.1	21.5	3.4	4.3	0.53	31	0	16	C88-C90
Lymphoid leukaemia (C91)	24	0	18.0	13.0	9.0	9.1	2.0	.	.	.	.	5.4	.	.	.	.	.	32.2	6.2	6.2	0.28	100	0		C91
Myeloid leukaemia (C92-94)	8	0	.	2.6	.	4.5	2.0	.	.	4.6	.	.	.	18.5	.	.	.	10.7	2.1	2.1	0.16	100	0		C92-94
Leukaemia unspecified (C95)	5	0	.	.	2.2	2.3	.	.	.	.	.	.	.	.	9.2	21.5	.	.	1.3	1.4	0.18	100	0		C95
Leukaemia (C91-95)	37	0	18.0	15.7	11.2	15.9	4.0	.	.	4.6	.	5.4	.	18.5	9.2	21.5	.	42.9	9.6	9.7	0.62	100	0	7	C91-95
Other and unspecified (O&U)	31	0	3.0	.	.	.	.	3.3	.	9.2	.	10.8	.	27.7	73.6	53.9	60.5	53.6	8.0	9.8	1.21	68	0	6	O&U
All sites but C44 (ALLbC44)	724	9	27.0	20.9	22.5	38.6	30.3	65.5	67.2	78.5	148.2	129.3	210.9	452.5	717.7	980.4	1300.3	2339.1	187.2	206.0	21.72	78	0		ALLbC44
All sites (ALL)	797	13	27.0	20.9	24.7	40.8	30.3	65.5	77.8	92.4	159.2	161.6	265.6	471.0	745.3	1066.6	1451.5	2585.8	206.1	226.7	23.89	78	0		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

PERU, AREQUIPA (2002-2003)  
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)	17	1	.	.	.	2.8	.	.	.	3.7	3.7	5.4	6.1	21.3	.	40.7	30.0	18.9	4.3	4.6	0.60	71	0	17	C00-14
Oesophagus (C15)	4	0	.	.	.	.	.	.	.	.	.	.	.	7.1	10.2	10.2	.	9.5	1.0	1.2	0.14	75	0	22	C15
Stomach (C16)	69	0	.	.	.	.	2.5	.	10.2	14.9	14.9	21.6	18.2	7.1	61.1	112.1	165.1	198.8	17.5	18.2	2.14	80	0	5	C16
Colon (C18)	20	0	.	.	.	.	.	.	.	.	.	10.8	6.1	21.3	30.6	20.4	15.0	75.7	5.1	5.5	0.52	60	0		C18
Rectum (C19-20)	16	0	.	.	.	.	.	.	.	.	.	5.4	18.2	7.1	.	10.2	30.0	75.7	4.1	3.9	0.35	94	0		C19-20
Colorectal (C18-20)	36	0	.	.	.	.	.	.	.	.	.	16.2	24.2	28.3	30.6	30.6	45.0	151.4	9.1	9.4	0.87	75	0	9	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15.0	28.4	1.0	0.9	0.08	100	0	23	C21
Colon, rectum and anus (C18-21)	40	0	.	.	.	.	.	.	.	.	.	16.2	24.2	28.3	30.6	30.6	60.0	179.8	10.1	10.3	0.95	78	0		C18-21
Liver (C22)	29	1	.	.	2.2	2.8	.	.	3.4	11.2	3.7	5.4	6.1	14.2	30.6	10.2	45.0	94.6	7.4	7.3	0.70	79	0	13	C22
Gallbladder (C23-24)	58	1	.	.	.	.	.	.	3.4	7.5	7.5	5.4	18.2	56.7	71.3	91.7	150.1	132.5	14.7	16.1	2.09	72	0	7	C23-24
Pancreas (C25)	18	0	.	.	.	.	.	.	3.4	.	3.7	.	18.2	7.1	20.4	20.4	45.0	47.3	4.6	4.9	0.59	28	0	14	C25
Nose, sinuses (C30-31)	4	0	.	.	.	.	.	.	.	.	.	.	6.1	7.1	.	10.2	15.0	.	1.0	1.2	0.19	100	0	21	C30-31
Larynx (C32)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C32
Lung, trachea and bronchus (C33-34)	54	0	.	.	.	.	.	3.0	.	7.5	7.5	16.2	12.1	35.4	71.3	81.5	135.1	142.0	13.7	15.0	1.85	63	0	8	C33-34
Melanoma of skin (C43)	16	3	.	.	.	.	.	.	3.4	.	3.7	10.8	6.1	.	30.6	20.4	15.0	18.9	4.1	4.8	0.55	100	0	15	C43
Mesothelioma (C45)	1	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9.5	0.3	0.2	0.00	100	0	25	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.00	.	.	27	C46
Breast (C50)	255	13	.	.	.	.	5.0	3.0	13.5	71.0	123.3	205.5	205.8	177.1	173.2	244.5	240.2	274.5	64.7	71.0	7.70	73	0	1	C50
Cervix uteri (C53)	258	2	.	2.6	.	.	5.0	12.1	50.8	130.8	123.3	216.3	169.5	134.6	193.6	81.5	345.2	274.5	65.4	69.9	7.38	95	0	2	C53
Corpus uteri (C54)	24	1	.	.	.	.	.	.	.	3.7	7.5	27.0	6.1	14.2	40.7	30.6	60.0	9.5	6.1	7.4	0.99	67	0	11	C54
Ovary (C56)	74	1	.	.	.	8.3	.	18.1	6.8	22.4	22.4	54.1	36.3	42.5	81.5	71.3	30.0	104.1	18.8	20.4	2.00	68	0	3	C56
Kidney (C64)	10	0	3.1	2.6	.	.	.	.	.	.	.	.	6.1	7.1	10.2	10.2	30.0	18.9	2.5	2.9	0.35	80	0	19	C64
Bladder (C67)	8	0	.	.	.	.	.	.	.	.	.	.	.	7.1	.	20.4	.	37.9	2.0	2.0	0.17	88	0	20	C67
Brain, CNS (C70-72)	16	0	.	2.6	.	2.8	.	.	13.5	3.7	11.2	5.4	.	.	.	30.6	15.0	9.5	4.1	3.9	0.42	81	0	18	C70-72
Thyroid (C73)	76	1	.	.	.	2.8	2.5	18.1	20.3	37.4	33.6	37.9	30.3	49.6	50.9	20.4	90.1	94.6	19.3	19.7	2.00	64	0	4	C73
Hodgkin disease (C81)	2	0	.	.	.	2.8	.	.	.	.	.	.	.	.	.	10.2	.	.	0.5	0.6	0.06	100	0	24	C81
Non-Hodgkin lymphoma (C82-85,C96)	61	0	.	2.6	4.4	2.8	5.0	9.1	13.5	14.9	3.7	5.4	24.2	21.3	112.1	81.5	60.0	113.6	15.5	16.7	1.80	95	0	6	C82-85,C96
Multiple myeloma (C88-C90)	16	0	.	.	.	2.8	.	.	.	3.7	.	10.8	6.1	7.1	30.6	20.4	30.0	28.4	4.1	4.7	0.56	63	0	16	C88-C90
Lymphoid leukaemia (C91)	13	0	6.3	2.6	6.6	.	2.5	3.0	.	.	3.7	.	.	.	10.2	10.2	15.0	9.5	3.3	3.5	0.30	85	0		C91
Myeloid leukaemia (C92-94)	16	0	.	.	2.2	5.5	2.5	.	3.4	3.7	.	10.8	.	14.2	20.4	30.6	.	9.5	4.1	4.5	0.47	100	0		C92-94
Leukaemia unspecified (C95)	2	0	.	.	.	.	.	.	.	.	.	5.4	.	.	.	.	.	.	0.5	0.5	0.03	50	0		C95
Leukaemia (C91-95)	31	0	6.3	2.6	8.8	5.5	5.0	3.0	3.4	3.7	3.7	16.2	.	14.2	30.6	40.7	15.0	28.4	7.9	8.4	0.79	90	0	10	C91-95
Other and unspecified (O&U)	25	1	.	.	.	2.8	.	.	.	.	.	10.8	24.2	28.3	40.7	10.2	45.0	47.3	6.3	7.3	0.84	72	0	12	O&U
All sites but C44 (ALLbC44)	1229	26	9.4	13.0	15.5	38.6	29.9	75.6	159.2	358.6	399.7	681.4	653.8	708.5	1141.0	1141.0	1681.2	2053.8	311.8	334.3	36.30	79	0		ALLbC44
All sites (ALL)	1343	29	9.4	13.0	17.7	41.4	32.4	75.6	169.3	366.1	422.1	719.3	684.1	758.1	1232.7	1253.1	1891.3	2470.2	340.7	363.5	39.28	79	0		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

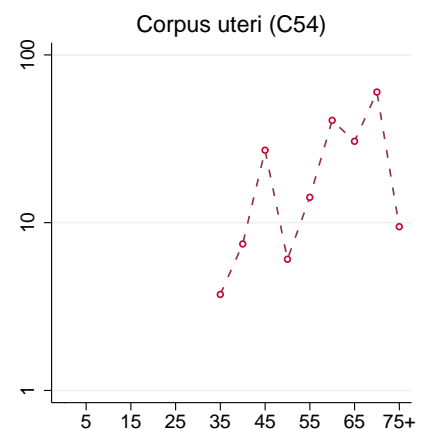
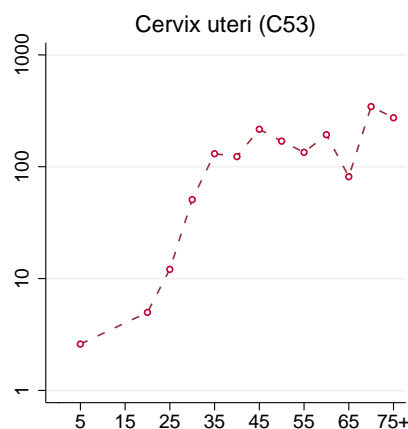
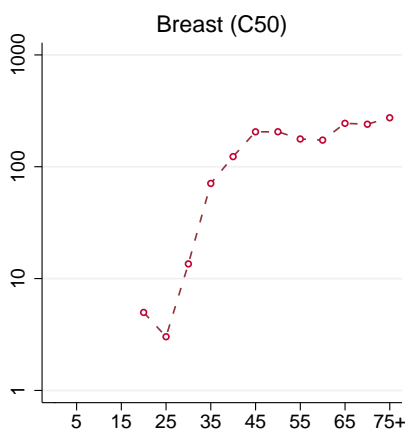
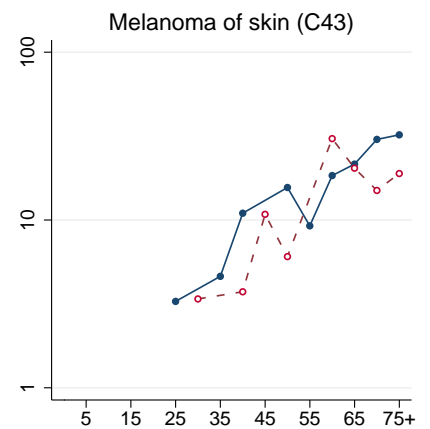
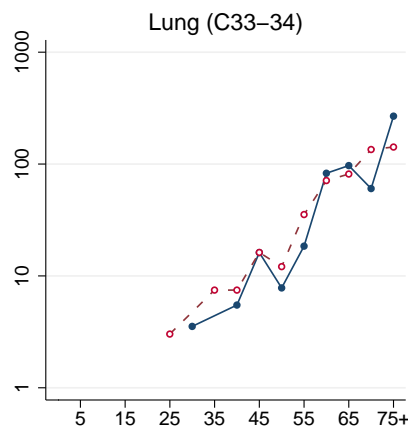
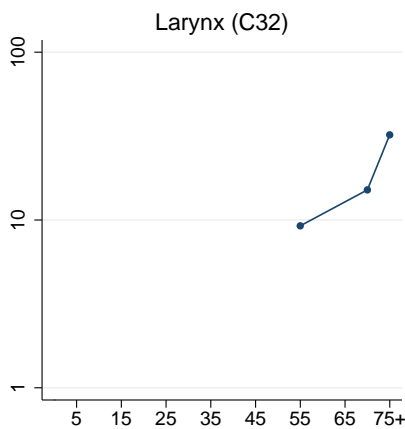
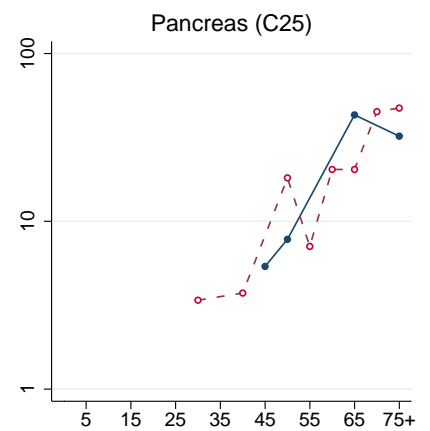
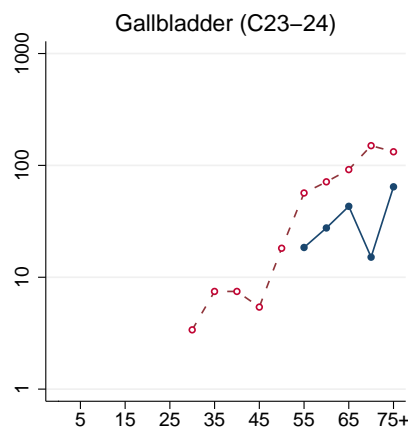
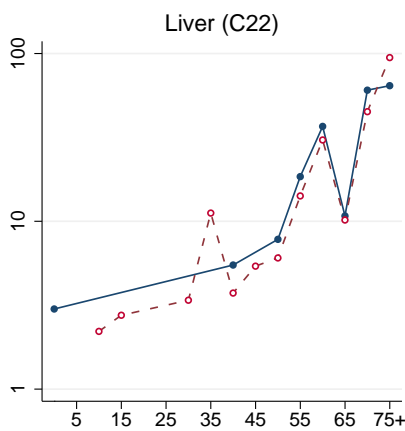
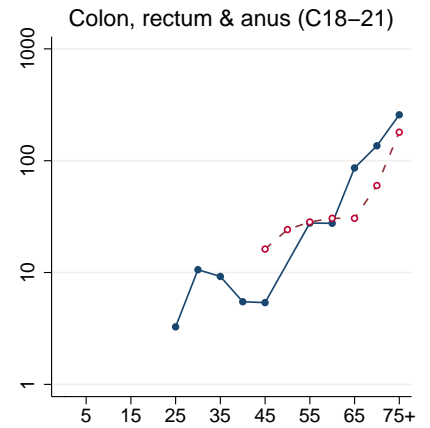
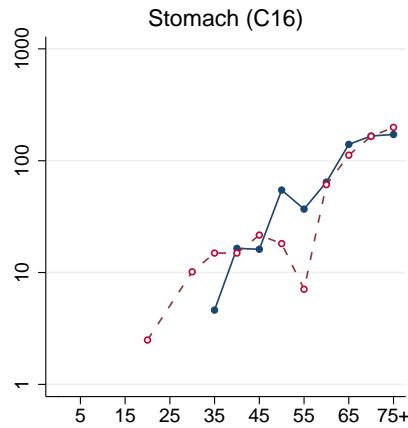
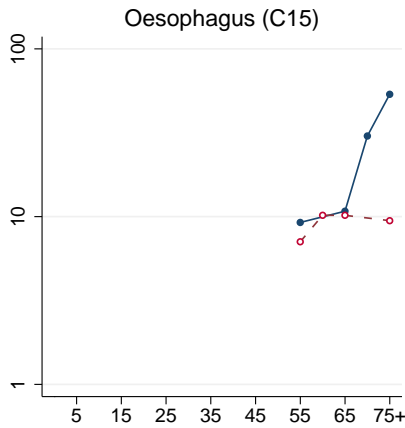
†Percent

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

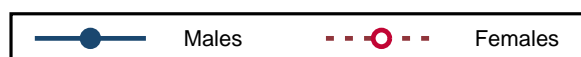
# PERU, AREQUIPA (2002–2003)

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

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

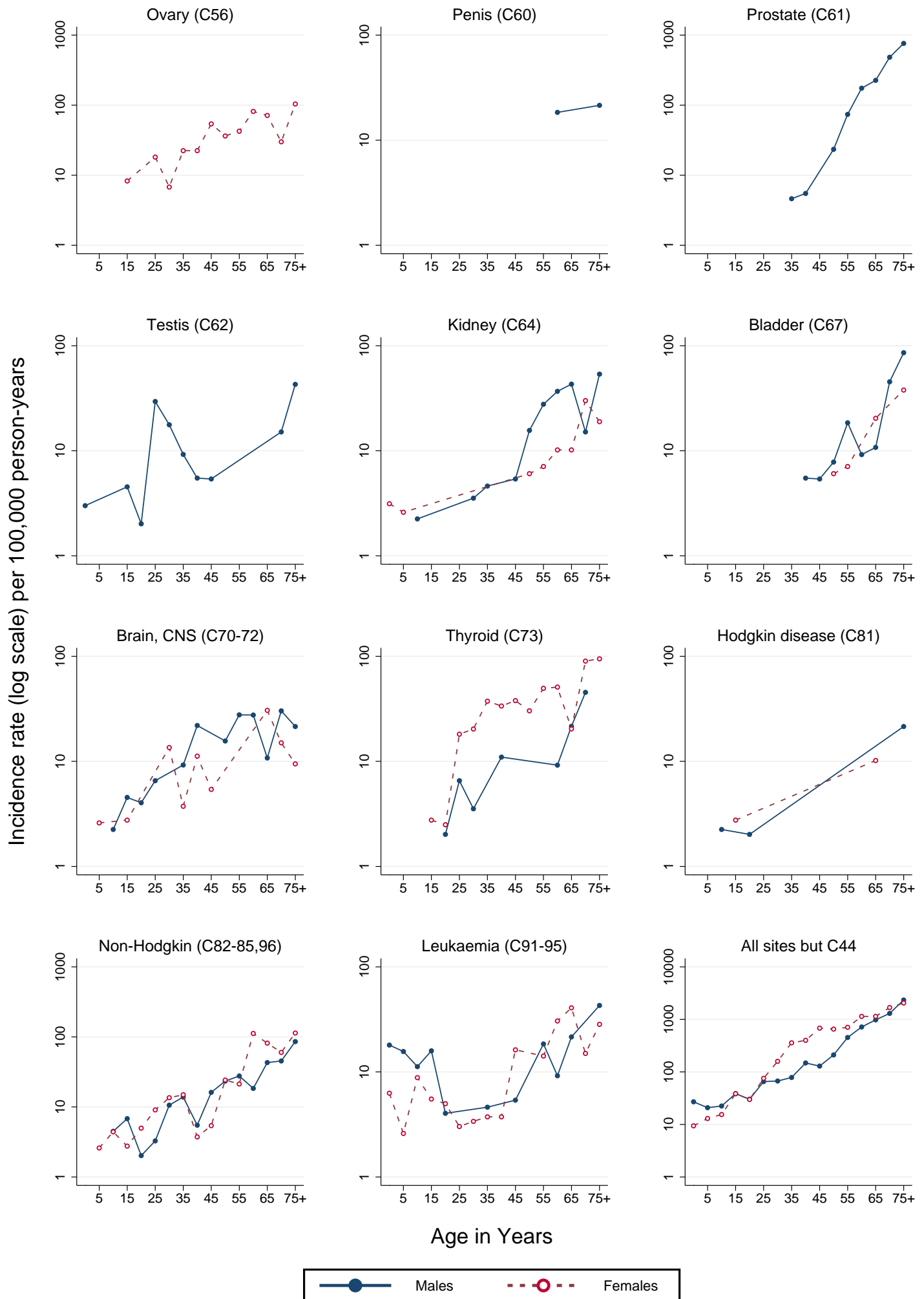


Age in Years



# PERU, AREQUIPA (2002-2003)

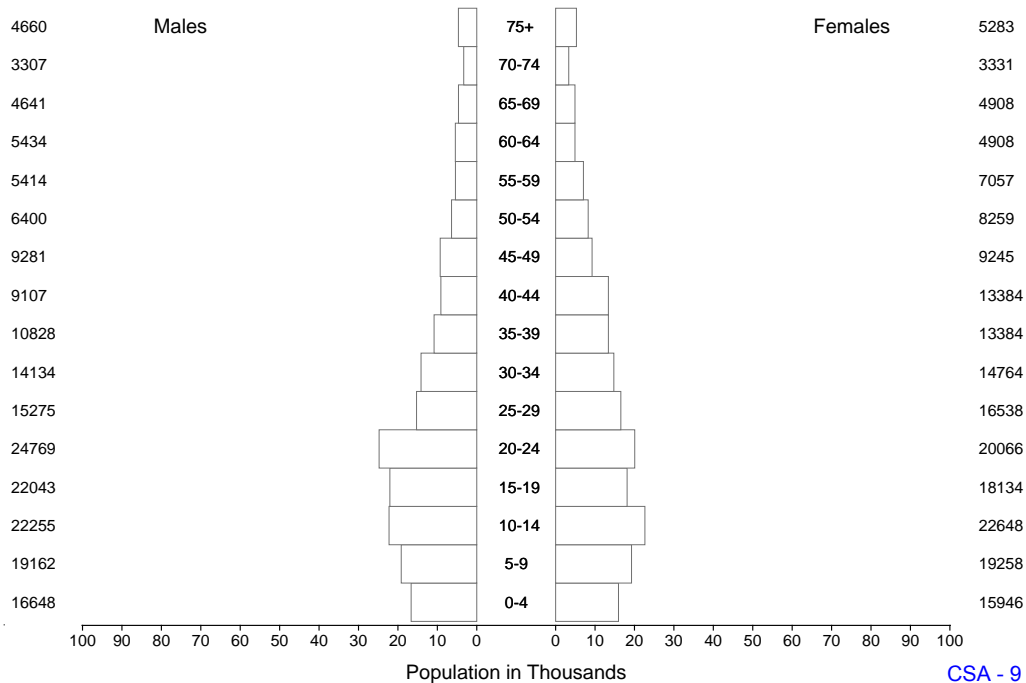
Age-specific incidence rates per 100,000 person-years





# PERU, AREQUIPA (2002)

Average annual person-years



## **Registry Summary Tables and Figures**

### **PERU, LIMA (2004-2005)**

Registry Director\*: Dr Eduardo Payet

Registry Staff\*: Patricia Pérez Mejia, Ebert Poquioma Rojas

\*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](http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5).

**PERU, LIMA (2004-2005)**  
**Number of Cases in Major Diagnosis Groups**  
**per Calendar Year**

SITE	YEAR		TOTAL n (%)
	2004 n (%)	2005 n (%)	
MALES			
Lip, oral cavity, and pharynx (C00-C14)	125 (1.8)	100 (1.5)	225 (1.7)
Digestive organs (C15-C26)	1772 (25.8)	1689 (25.8)	3461 (25.8)
Respiratory organs (C30-C39)	568 (8.3)	570 (8.7)	1138 (8.5)
Bone, cartilage, and skin (C40-C44)	853 (12.4)	845 (12.9)	1698 (12.7)
Breast (C50)	9 (0.1)	10 (0.2)	19 (0.1)
Male genitalia (C60-C63)	1606 (23.4)	1516 (23.2)	3122 (23.3)
Urinary organs (C64-C68)	370 (5.4)	404 (6.2)	774 (5.8)
Eye, brain, and thyroid (C69-C75)	272 (4.0)	260 (4.0)	532 (4.0)
Hematopoietic (C81-C96)	812 (11.8)	741 (11.3)	1553 (11.6)
Other and unspecified	472 (6.9)	404 (6.2)	876 (6.5)
All sites	6859 (100.0)	6539 (100.0)	13398 (100.0)
FEMALES			
Lip, oral cavity, and pharynx (C00-C14)	126 (1.6)	115 (1.5)	241 (1.5)
Digestive organs (C15-C26)	1850 (23.0)	1775 (22.7)	3625 (22.8)
Respiratory organs (C30-C39)	454 (5.6)	402 (5.1)	856 (5.4)
Bone, cartilage, and skin (C40-C44)	904 (11.2)	906 (11.6)	1810 (11.4)
Breast (C50)	1456 (18.1)	1411 (18.0)	2867 (18.1)
Female genitalia (C51-C58)	1456 (18.1)	1458 (18.6)	2914 (18.4)
Urinary organs (C64-C68)	209 (2.6)	197 (2.5)	406 (2.6)
Eye, brain, and thyroid (C69-C75)	487 (6.1)	488 (6.2)	975 (6.1)
Hematopoietic (C81-C96)	706 (8.8)	673 (8.6)	1379 (8.7)
Other and unspecified	398 (4.9)	395 (5.1)	793 (5.0)
All sites	8046 (100.0)	7820 (100.0)	15866 (100.0)
BOTH SEXES			
Lip, oral cavity, and pharynx (C00-C14)	251 (1.7)	215 (1.5)	466 (1.6)
Digestive organs (C15-C26)	3622 (24.3)	3464 (24.1)	7086 (24.2)
Respiratory organs (C30-C39)	1022 (6.9)	972 (6.8)	1994 (6.8)
Bone, cartilage, and skin (C40-C44)	1757 (11.8)	1751 (12.2)	3508 (12.0)
Urinary organs (C64-C68)	579 (3.9)	601 (4.2)	1180 (4.0)
Eye, brain, and thyroid (C69-C75)	759 (5.1)	748 (5.2)	1507 (5.1)
Hematopoietic (C81-C96)	1518 (10.2)	1414 (9.8)	2932 (10.0)
Other and unspecified	870 (5.8)	799 (5.6)	1669 (5.7)
All sites	14905 (100.0)	14359 (100.0)	29264 (100.0)

**PERU, LIMA (2004-2005)**  
**Age Standardized Incidence Rate (World Population) per 100,000**  
**in Major Diagnosis Groups per Calendar Year**

SITE	YEAR		TOTAL ASR (%)
	2004 ASR (%)	2005 ASR (%)	
MALES			
Lip, oral cavity, and pharynx (C00-C14)	3.3 (1.9)	2.5 (1.5)	2.9 (1.7)
Digestive organs (C15-C26)	45.6 (26.1)	43.1 (26.0)	44.3 (26.0)
Respiratory organs (C30-C39)	14.8 (8.4)	14.6 (8.8)	14.7 (8.6)
Bone, cartilage, and skin (C40-C44)	21.6 (12.4)	21.1 (12.7)	21.4 (12.5)
Breast (C50)	0.3 (0.1)	0.2 (0.1)	0.3 (0.1)
Male genitalia (C60-C63)	40.0 (22.9)	38.1 (23.0)	39.1 (22.9)
Urinary organs (C64-C68)	9.6 (5.5)	10.5 (6.3)	10.0 (5.9)
Eye, brain, and thyroid (C69-C75)	7.0 (4.0)	6.6 (4.0)	6.8 (4.0)
Hematopoietic (C81-C96)	20.8 (11.9)	18.9 (11.4)	19.9 (11.7)
Other and unspecified	12.0 (6.8)	10.1 (6.1)	11.0 (6.5)
All sites	174.9 (100.0)	165.6 (100.0)	170.2 (100.0)
FEMALES			
Lip, oral cavity, and pharynx (C00-C14)	2.9 (1.5)	2.6 (1.4)	2.7 (1.5)
Digestive organs (C15-C26)	42.0 (22.6)	39.9 (22.3)	40.9 (22.5)
Respiratory organs (C30-C39)	10.6 (5.7)	9.2 (5.2)	9.9 (5.4)
Bone, cartilage, and skin (C40-C44)	20.3 (10.9)	20.0 (11.2)	20.1 (11.0)
Breast (C50)	34.6 (18.6)	33.0 (18.5)	33.8 (18.6)
Female genitalia (C51-C58)	33.8 (18.2)	33.7 (18.8)	33.7 (18.5)
Urinary organs (C64-C68)	4.9 (2.6)	4.5 (2.5)	4.7 (2.6)
Eye, brain, and thyroid (C69-C75)	11.3 (6.1)	11.1 (6.2)	11.2 (6.2)
Hematopoietic (C81-C96)	16.4 (8.8)	16.0 (8.9)	16.2 (8.9)
Other and unspecified	9.0 (4.8)	8.7 (4.9)	8.8 (4.9)
All sites	185.6 (100.0)	178.6 (100.0)	182.1 (100.0)
BOTH SEXES			
Lip, oral cavity, and pharynx (C00-C14)	3.1 (1.7)	2.5 (1.5)	2.8 (1.6)
Digestive organs (C15-C26)	43.6 (24.2)	41.4 (24.1)	42.5 (24.1)
Respiratory organs (C30-C39)	12.6 (7.0)	11.7 (6.8)	12.1 (6.9)
Bone, cartilage, and skin (C40-C44)	20.9 (11.6)	20.5 (11.9)	20.7 (11.7)
Urinary organs (C64-C68)	7.1 (3.9)	7.3 (4.3)	7.2 (4.1)
Eye, brain, and thyroid (C69-C75)	9.2 (5.1)	9.0 (5.2)	9.1 (5.2)
Hematopoietic (C81-C96)	18.5 (10.3)	17.4 (10.1)	17.9 (10.2)
Other and unspecified	10.4 (5.8)	9.3 (5.4)	9.9 (5.6)
All sites	180.1 (100.0)	172.0 (100.0)	176.0 (100.0)

PERU, LIMA (2004-2005)  
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)	225	0	.	.	.	0.1	0.1	0.5	1.0	1.2	1.7	4.6	6.6	6.4	8.9	12.2	22.5	27.5	2.7	2.9	0.33	93	3	15	C00-14
Oesophagus (C15)	131	0	.	.	.	.	.	.	.	0.3	0.6	0.7	2.1	3.7	6.4	8.8	18.2	22.8	1.6	1.7	0.20	74	19	19	C15
Stomach (C16)	1479	0	.	.	.	.	0.5	0.8	3.0	5.1	6.8	18.2	22.8	44.9	67.8	111.1	151.2	244.0	17.9	19.0	2.16	75	18	2	C16
Colon (C18)	575	0	.	.	.	.	0.1	0.1	0.7	3.6	3.8	6.2	9.8	12.5	30.1	37.0	67.6	92.1	7.0	7.4	0.86	79	16		C18
Rectum (C19-20)	245	0	.	.	0.3	.	0.1	0.3	0.1	1.3	2.1	2.3	6.6	7.8	10.2	17.7	28.3	31.8	3.0	3.2	0.39	93	4		C19-20
Colorectal (C18-20)	820	0	.	.	0.3	.	0.2	0.4	0.8	5.0	5.9	8.5	16.5	20.3	40.3	54.7	95.9	123.9	9.9	10.6	1.24	83	12	4	C18-20
Anus (C21)	31	0	.	.	.	.	0.1	0.1	0.1	0.2	0.2	0.7	0.5	1.0	0.4	1.7	1.5	5.7	0.4	0.4	0.03	94	0	26	C21
Colon, rectum and anus (C18-21)	851	0	.	.	0.3	.	0.4	0.5	1.0	5.1	6.1	9.2	17.0	21.3	40.7	56.4	97.4	129.6	10.3	10.9	1.28	83	12		C18-21
Liver (C22)	340	1	1.0	0.4	0.3	0.8	1.4	1.6	1.6	1.0	1.5	2.8	5.0	4.7	11.9	20.5	34.9	54.1	4.1	4.2	0.45	30	51	11	C22
Gallbladder (C23-24)	235	0	.	.	.	.	0.1	.	.	0.1	0.5	1.5	3.2	7.8	11.0	20.5	24.7	38.4	2.8	3.1	0.36	54	30	14	C23-24
Pancreas (C25)	318	0	0.1	.	.	.	0.1	0.3	0.8	0.3	2.5	3.2	4.8	8.4	17.0	19.9	34.2	53.6	3.9	4.1	0.46	39	46	12	C25
Nose, sinuses (C30-31)	44	0	.	0.1	.	0.1	.	0.1	0.4	0.2	0.8	1.2	0.8	1.0	0.8	3.3	3.6	4.3	0.5	0.6	0.06	95	0	24	C30-31
Larynx (C32)	136	0	.	.	.	.	.	.	0.1	0.2	0.6	1.2	2.4	3.7	5.1	14.4	11.6	24.7	1.6	1.8	0.20	82	9	18	C32
Lung, trachea and bronchus (C33-34)	929	0	.	.	.	.	0.4	0.5	2.1	2.2	3.8	9.4	13.3	26.7	43.2	73.5	109.0	151.4	11.3	12.0	1.42	64	26	3	C33-34
Melanoma of skin (C43)	161	0	.	.	0.1	.	0.1	.	0.8	1.3	1.5	2.1	3.2	7.1	8.1	9.9	15.3	17.6	2.0	2.1	0.25	89	5	17	C43
Mesothelioma (C45)	39	0	.	.	.	.	.	0.1	.	.	0.2	0.2	0.3	1.0	2.5	3.3	3.6	7.1	0.5	0.5	0.06	92	8	25	C45
Kaposi sarcoma (C46)	102	0	.	.	.	.	0.2	1.8	1.1	1.2	0.9	1.6	1.3	2.7	3.8	5.0	1.5	12.3	1.2	1.2	0.11	89	6	21	C46
Breast (C50)	19	0	.	.	.	.	.	.	0.1	0.2	.	0.2	0.3	0.3	2.1	1.7	.	2.8	0.2	0.3	0.02	68	16	27	C50
Penis (C60)	75	0	.	.	.	0.1	.	0.1	0.4	0.5	0.9	0.9	1.9	2.7	2.5	5.5	8.0	7.6	0.9	1.0	0.12	95	4	23	C60
Prostate (C61)	2744	0	.	.	.	.	.	.	.	.	0.6	5.3	16.5	50.6	110.6	229.4	419.4	594.7	33.3	34.8	4.16	77	15	1	C61
Testis (C62)	289	0	2.1	0.1	0.3	3.1	4.6	8.3	6.6	6.3	4.5	3.0	2.1	1.7	1.7	0.6	.	2.4	3.5	3.1	0.22	90	3	13	C62
Kidney (C64)	373	0	0.8	0.6	.	0.1	0.2	.	.	1.8	2.5	6.4	9.0	13.8	16.1	30.4	32.0	45.6	4.5	4.9	0.57	66	16	8	C64
Bladder (C67)	364	0	.	.	.	.	.	.	0.4	1.5	1.9	2.1	4.0	7.4	19.9	26.5	37.1	71.2	4.4	4.6	0.50	87	7	9	C67
Brain, CNS (C70-72)	346	1	3.1	2.7	2.0	1.7	2.0	3.5	2.8	2.5	5.1	5.1	7.2	6.4	8.1	16.0	10.9	18.5	4.2	4.4	0.40	72	10	10	C70-72
Thyroid (C73)	130	0	.	0.1	0.3	0.1	0.8	1.3	0.8	2.0	1.3	1.6	5.0	5.4	3.8	5.5	8.0	5.7	1.6	1.6	0.18	96	1	20	C73
Hodgkin disease (C81)	78	0	0.7	1.2	0.5	0.6	0.4	0.8	1.0	1.5	0.2	0.7	0.8	1.0	3.0	2.2	2.2	3.3	0.9	1.0	0.08	95	5	22	C81
Non-Hodgkin lymphoma (C82-85; C96)	798	0	0.7	1.3	2.2	1.5	2.2	3.5	3.1	6.0	8.3	11.3	17.0	23.3	31.4	50.3	70.5	78.3	9.7	10.2	1.16	89	7	5	C82-85;C96
Multiple myeloma (C88-C90)	191	0	.	.	.	.	.	0.4	0.1	0.2	0.8	1.4	4.2	6.1	12.7	14.9	18.9	28.0	2.3	2.5	0.30	70	26	16	C88-C90
Lymphoid leukaemia (C91)	229	0	4.9	4.2	3.9	2.3	1.0	1.7	1.3	1.2	1.5	1.4	1.6	4.1	3.8	5.5	7.3	9.5	2.8	3.0	0.23	87	13		C91
Myeloid leukaemia (C92-94)	195	0	0.8	1.0	0.9	1.0	1.7	1.8	1.6	2.2	2.1	3.2	2.1	4.1	5.1	8.8	5.1	16.6	2.4	2.4	0.21	80	20		C92-94
Leukaemia unspecified (C95)	62	0	0.7	0.6	0.8	0.8	0.4	0.1	0.3	0.3	0.4	0.7	0.8	.	0.4	2.2	4.4	6.6	0.8	0.8	0.06	60	34		C95
Leukaemia (C91-95)	486	0	6.4	5.8	5.7	4.1	3.0	3.6	3.1	3.6	4.0	5.3	4.5	8.1	9.3	16.6	16.7	32.7	5.9	6.1	0.50	81	19	6	C91-95
Other and unspecified (O&U)	451	0	0.4	.	0.5	0.5	0.2	1.2	1.7	1.3	2.3	5.3	6.4	13.2	18.6	29.8	37.8	76.4	5.5	5.7	0.60	53	33	7	O&U
All sites but C44 (ALLbC44)	11929	2	19.2	13.7	14.3	16.4	19.0	30.6	34.9	48.9	65.4	113.1	171.3	295.7	489.4	821.4	1234.1	1816.4	144.6	151.8	16.94	75	17		ALLbC44
All sites (ALL)	13398	2	19.3	13.7	14.6	16.8	19.5	31.6	37.9	53.7	69.7	127.1	190.9	332.9	546.6	928.6	1387.4	2098.3	162.4	170.2	18.95	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

PERU, LIMA (2004-2005)  
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)	241	0	.	.	0.1	0.1	0.2	0.4	1.2	1.2	2.6	4.4	6.1	7.2	11.5	8.8	12.5	25.5	2.8	2.7	0.28	88	6	16	C00-14
Oesophagus (C15)	47	0	.	.	.	.	.	.	.	0.2	0.4	0.8	0.7	0.9	.	1.5	5.2	8.8	0.5	0.5	0.05	74	17	23	C15
Stomach (C16)	1351	0	.	.	.	.	1.2	2.0	4.3	6.7	10.0	15.9	25.9	27.7	46.1	78.3	111.5	182.3	15.7	14.9	1.65	69	24	3	C16
Colon (C18)	672	0	.	.	.	.	0.3	0.4	0.5	1.2	3.3	5.8	13.4	16.5	23.4	49.4	62.3	94.0	7.8	7.6	0.88	74	18		C18
Rectum (C19-20)	245	0	.	.	.	.	.	0.2	0.5	1.1	1.2	2.5	4.7	7.8	14.3	14.4	26.2	24.4	2.9	2.9	0.37	91	5		C19-20
Colorectal (C18-20)	917	0	.	.	.	.	0.3	0.6	1.1	2.3	4.6	8.3	18.1	24.3	37.7	63.9	88.5	118.3	10.7	10.5	1.25	78	14	4	C18-20
Anus (C21)	96	0	.	.	.	.	.	.	0.1	0.3	0.4	0.8	1.6	3.4	5.6	6.7	9.8	10.3	1.1	1.1	0.14	95	1	21	C21
Colon, rectum and anus (C18-21)	1013	0	.	.	.	.	0.3	0.6	1.2	2.6	4.9	9.2	19.7	27.7	43.3	70.6	98.4	128.6	11.8	11.6	1.39	80	13		C18-21
Liver (C22)	316	0	1.3	0.2	0.1	0.6	0.8	0.6	0.3	1.1	1.9	2.1	4.5	5.9	9.5	15.5	30.8	45.3	3.7	3.5	0.38	24	57	15	C22
Gallbladder (C23-24)	425	0	.	.	.	.	.	0.4	0.5	1.2	1.9	4.0	6.6	14.3	23.8	30.9	40.7	47.2	4.9	5.0	0.62	59	26	11	C23-24
Pancreas (C25)	340	0	.	.	.	.	.	.	0.5	0.6	1.4	2.1	4.7	10.6	13.9	17.0	38.0	51.0	4.0	3.8	0.44	33	46	13	C25
Nose, sinuses (C30-31)	39	0	0.1	.	.	.	.	0.1	0.1	0.3	0.4	0.4	0.5	1.2	0.8	4.1	3.9	3.0	0.5	0.5	0.06	90	5	24	C30-31
Larynx (C32)	30	0	.	.	.	.	.	0.1	0.3	.	.	0.6	0.2	0.3	0.8	2.6	2.6	4.2	0.3	0.3	0.04	77	20	25	C32
Lung, trachea and bronchus (C33-34)	767	0	.	.	.	.	0.1	0.2	1.2	1.8	4.9	9.6	14.6	20.8	36.1	48.9	74.8	91.3	8.9	8.9	1.07	66	25	5	C33-34
Melanoma of skin (C43)	174	0	0.1	0.2	.	0.1	0.2	0.2	0.4	1.4	2.1	2.5	3.5	2.8	6.0	14.4	13.1	16.7	2.0	2.0	0.24	87	4	18	C43
Mesothelioma (C45)	21	0	.	.	.	.	.	0.1	.	.	0.4	0.2	0.7	0.9	0.8	1.0	3.3	0.8	0.2	0.3	0.04	86	14	27	C45
Kaposi sarcoma (C46)	29	0	.	.	.	.	0.1	0.2	0.1	0.6	.	0.4	0.7	.	1.2	1.0	.	4.2	0.3	0.3	0.02	86	10	26	C46
Breast (C50)	2867	0	.	.	.	.	0.6	2.4	12.3	27.6	62.3	88.9	92.8	110.7	104.8	121.0	129.2	130.5	33.4	33.8	3.76	88	5	1	C50
Cervix uteri (C53)	1656	0	.	.	.	.	1.4	3.2	12.2	22.6	40.4	44.9	56.6	56.0	54.4	64.9	57.7	61.6	19.3	19.2	2.07	94	3	2	C53
Corpus uteri (C54)	357	0	.	.	.	.	0.1	0.4	0.9	2.0	4.2	7.1	11.8	16.8	16.7	17.5	25.6	21.3	4.2	4.3	0.52	87	3	12	C54
Ovary (C56)	623	0	0.3	0.5	0.7	1.6	3.1	2.7	3.3	4.7	10.4	12.9	17.2	20.8	22.6	29.9	26.2	30.1	7.3	7.3	0.79	77	11	7	C56
Kidney (C64)	210	0	2.3	.	.	.	0.3	0.1	0.4	0.9	1.4	4.0	4.0	6.5	7.9	11.8	14.4	19.4	2.4	2.5	0.27	70	15	17	C64
Bladder (C67)	169	0	.	.	.	.	0.2	.	0.3	0.3	0.5	1.7	1.4	5.6	7.1	9.8	13.1	27.0	2.0	1.9	0.20	76	15	19	C67
Brain, CNS (C70-72)	299	0	1.5	2.3	1.9	1.1	1.9	2.2	2.1	2.7	3.0	5.2	3.8	3.4	7.9	15.5	15.1	15.6	3.5	3.5	0.35	59	17	14	C70-72
Thyroid (C73)	630	0	.	.	0.4	2.1	2.3	6.2	8.8	8.7	9.5	16.9	15.5	15.6	16.3	22.7	24.9	16.4	7.3	7.1	0.75	92	3	8	C73
Hodgkin disease (C81)	64	1	0.1	0.5	0.1	0.6	0.2	1.0	0.7	0.5	0.5	0.8	.	0.3	1.2	2.6	3.3	5.3	0.7	0.7	0.06	94	6	22	C81
Non-Hodgkin lymphoma (C82-85; C96)	734	0	0.4	0.5	0.7	1.4	1.6	2.8	3.2	4.4	6.3	7.3	14.6	23.0	33.4	42.2	59.0	60.5	8.5	8.6	1.00	90	7	6	C82-85;C96
Multiple myeloma (C88-C90)	132	0	.	.	.	.	0.1	0.2	0.3	0.6	0.9	2.1	1.9	3.4	6.0	8.2	9.8	16.4	1.5	1.5	0.17	64	30	20	C88-C90
Lymphoid leukaemia (C91)	209	0	4.1	4.0	2.6	1.6	1.0	2.0	0.7	0.8	1.4	1.5	1.9	5.6	4.4	6.2	5.2	6.1	2.4	2.7	0.21	90	10		C91
Myeloid leukaemia (C92-94)	170	0	0.6	0.8	0.7	0.9	1.0	1.2	1.2	2.3	2.1	2.1	2.4	2.5	4.4	10.3	8.5	8.4	2.0	2.0	0.20	75	25		C92-94
Leukaemia unspecified (C95)	70	0	1.2	0.2	0.6	0.5	0.7	0.5	0.4	0.6	.	.	0.2	1.6	1.2	2.6	1.3	7.6	0.8	0.8	0.06	43	51		C95
Leukaemia (C91-95)	449	0	5.8	4.9	3.9	3.0	2.8	3.7	2.3	3.7	3.5	3.5	4.5	9.6	9.9	19.1	15.1	22.1	5.2	5.4	0.48	77	22	10	C91-95
Other and unspecified (O&U)	584	1	0.4	.	0.3	0.5	0.6	0.7	1.2	1.5	3.7	7.5	9.4	12.8	23.0	34.0	47.2	79.9	6.8	6.5	0.72	52	35	9	O&U
All sites but C44 (ALLbC44)	14303	2	15.3	10.2	10.8	15.1	20.6	33.4	62.3	103.2	185.7	283.2	332.8	420.9	526.5	725.8	922.2	1184.9	166.5	164.9	18.24	77	14		ALLbC44
All sites (ALL)	15866	2	15.3	10.4	11.1	15.5	21.0	34.7	65.2	108.7	196.8	277.2	357.3	461.9	584.9	808.7	1059.3	1414.3	184.7	182.1	20.14	79	13		ALL

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

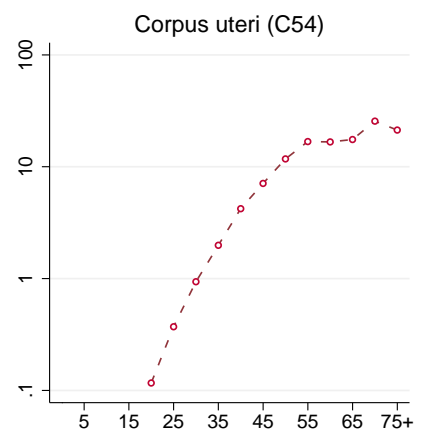
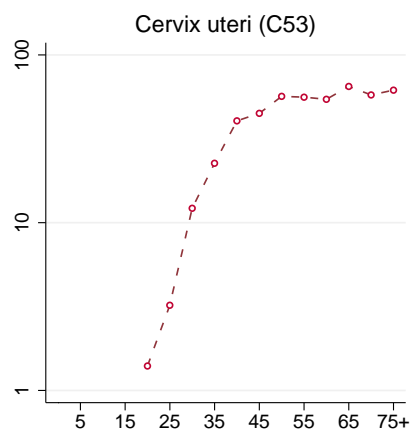
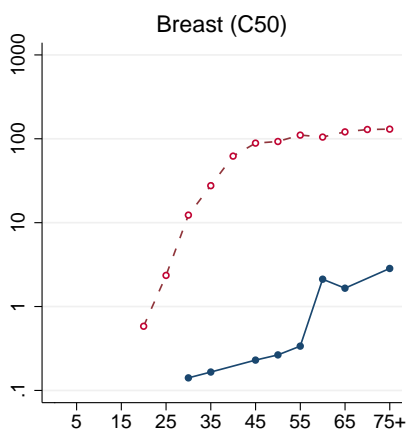
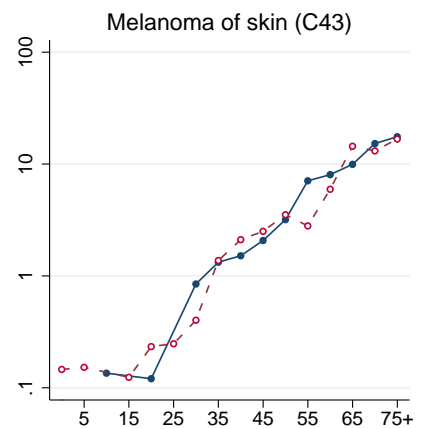
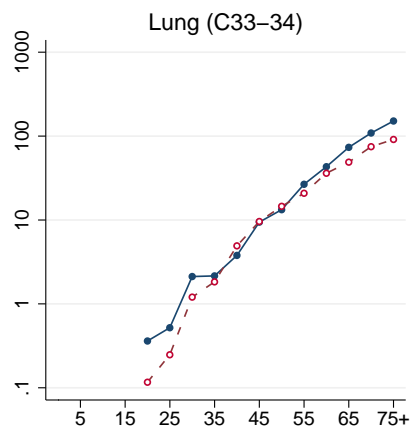
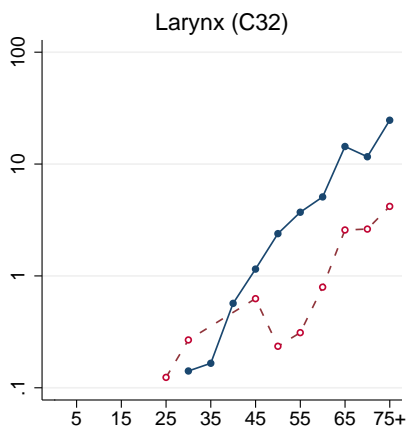
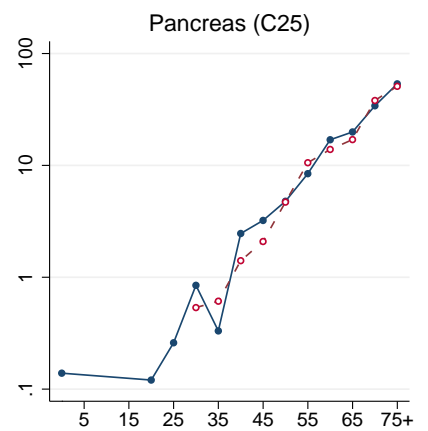
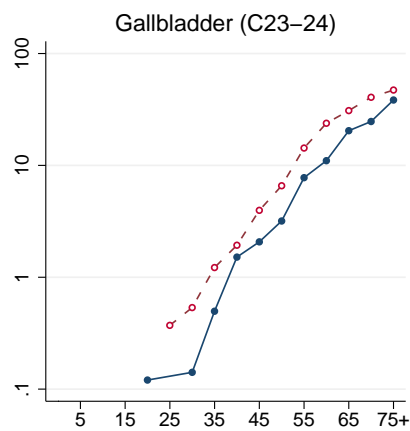
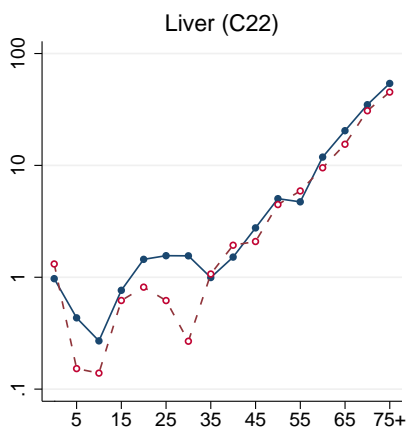
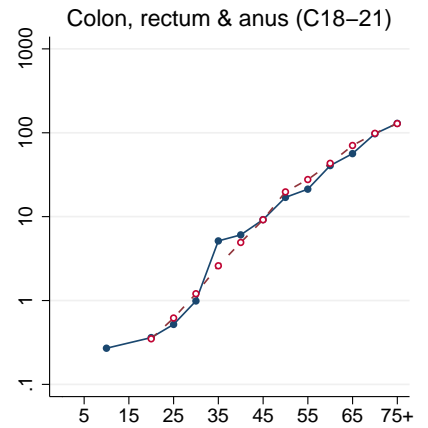
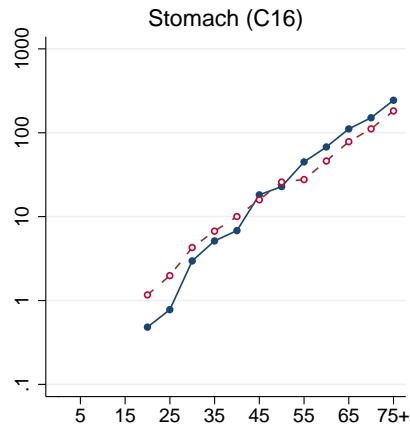
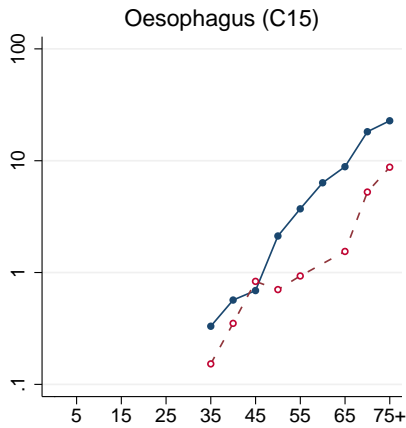
†Percent

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

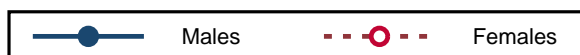
# PERU, LIMA (2004–2005)

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

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

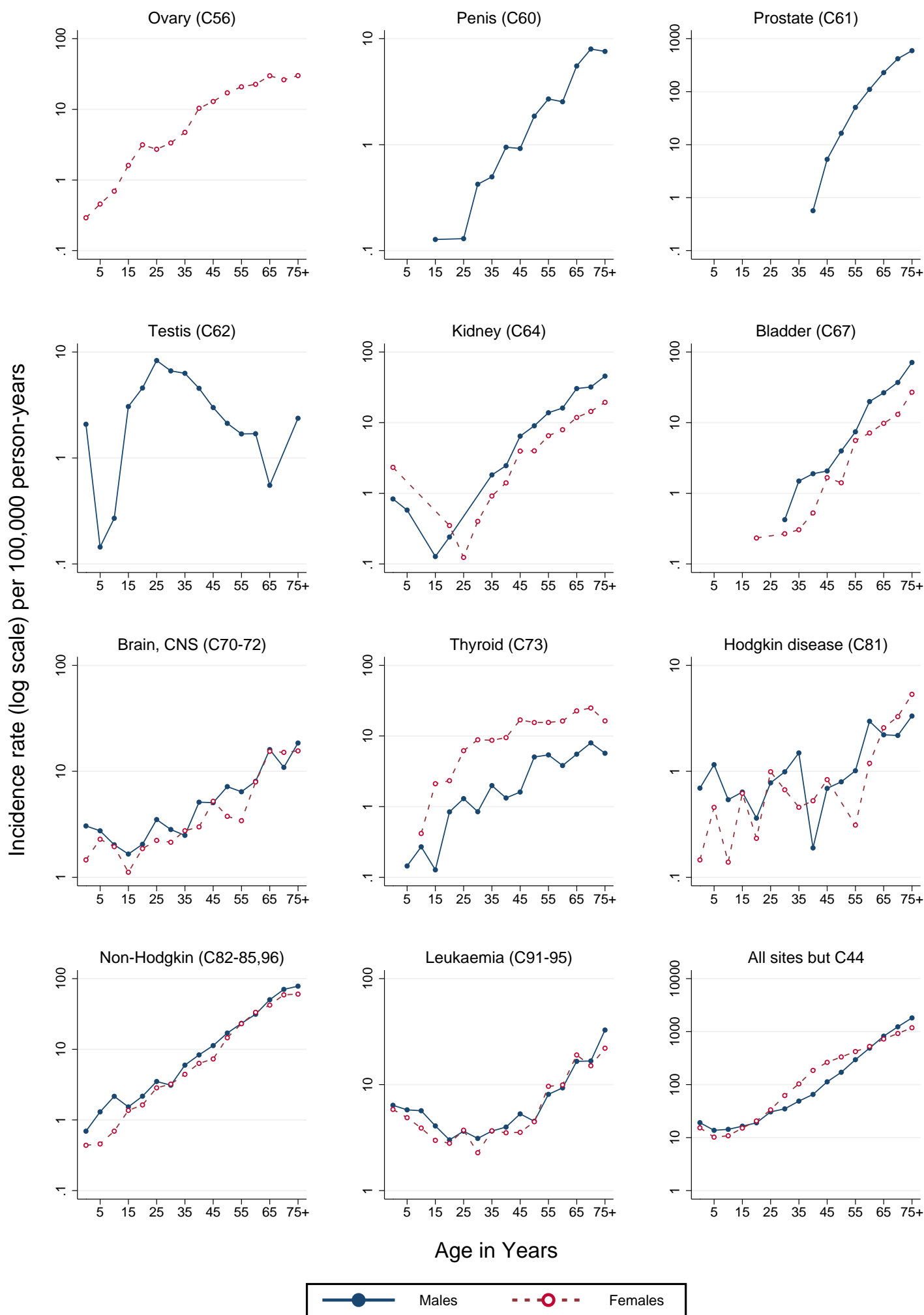


Age in Years



# PERU, LIMA (2004-2005)

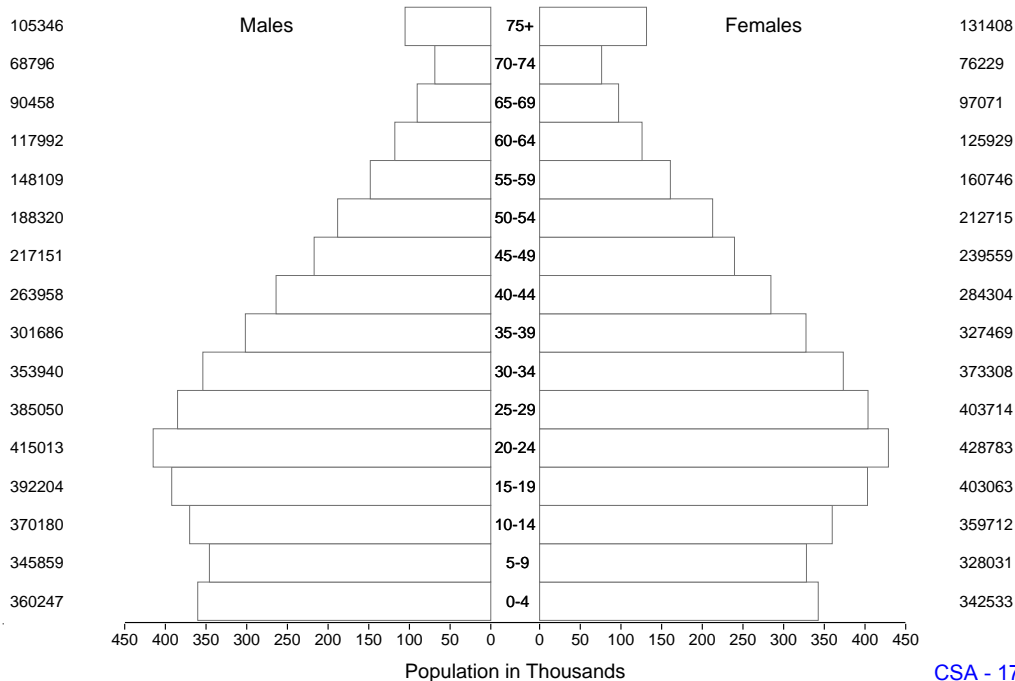
Age-specific incidence rates per 100,000 person-years





# PERU, LIMA (2004-2005)

Average annual person-years



## **Registry Summary Tables and Figures**

### **PERU, TRUJILLO (1998-2002)**

Registry Director\*: Dr Pedro F. Albuja

Registry Staff\*: -

\*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](http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5).

**PERU, TRUJILLO (1998-2002)**  
**Number of Cases in Major Diagnosis Groups**  
**per Calendar Year**

SITE	YEAR					TOTAL n (%)
	1998 n (%)	1999 n (%)	2000 n (%)	2001 n (%)	2002 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	5 (1.9)	4 (1.4)	10 (3.2)	6 (2.1)	9 (3.1)	34 (2.3)
Digestive organs (C15-C26)	72 (26.8)	83 (28.1)	78 (25.0)	85 (29.6)	86 (29.8)	404 (27.8)
Respiratory organs (C30-C39)	19 (7.1)	20 (6.8)	13 (4.2)	16 (5.6)	10 (3.5)	78 (5.4)
Bone, cartilage, and skin (C40-C44)	45 (16.7)	32 (10.8)	49 (15.7)	39 (13.6)	58 (20.1)	223 (15.4)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.3)	0 (0.0)	1 (0.1)
Male genitalia (C60-C63)	56 (20.8)	67 (22.7)	67 (21.5)	48 (16.7)	44 (15.2)	282 (19.4)
Urinary organs (C64-C68)	6 (2.2)	13 (4.4)	17 (5.4)	18 (6.3)	14 (4.8)	68 (4.7)
Eye, brain, and thyroid (C69-C75)	12 (4.5)	15 (5.1)	20 (6.4)	11 (3.8)	16 (5.5)	74 (5.1)
Hematopoietic (C81-C96)	43 (16.0)	41 (13.9)	37 (11.9)	49 (17.1)	30 (10.4)	200 (13.8)
Other and unspecified	11 (4.1)	20 (6.8)	21 (6.7)	14 (4.9)	22 (7.6)	88 (6.1)
All sites	269 (100.0)	295 (100.0)	312 (100.0)	287 (100.0)	289 (100.0)	1452 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5 (1.2)	4 (0.9)	7 (1.6)	5 (1.1)	8 (2.0)	29 (1.3)
Digestive organs (C15-C26)	82 (19.5)	88 (19.6)	89 (20.2)	91 (19.7)	71 (17.7)	421 (19.4)
Respiratory organs (C30-C39)	18 (4.3)	18 (4.0)	12 (2.7)	7 (1.5)	10 (2.5)	65 (3.0)
Bone, cartilage, and skin (C40-C44)	40 (9.5)	51 (11.4)	40 (9.1)	72 (15.6)	53 (13.2)	256 (11.8)
Breast (C50)	65 (15.5)	61 (13.6)	66 (15.0)	77 (16.7)	63 (15.7)	332 (15.3)
Female genitalia (C51-C58)	123 (29.3)	126 (28.1)	144 (32.7)	125 (27.1)	120 (29.9)	638 (29.4)
Urinary organs (C64-C68)	10 (2.4)	9 (2.0)	4 (0.9)	8 (1.7)	5 (1.2)	36 (1.7)
Eye, brain, and thyroid (C69-C75)	23 (5.5)	29 (6.5)	20 (4.5)	20 (4.3)	24 (6.0)	116 (5.3)
Hematopoietic (C81-C96)	29 (6.9)	47 (10.5)	39 (8.8)	43 (9.3)	24 (6.0)	182 (8.4)
Other and unspecified	25 (6.0)	16 (3.6)	20 (4.5)	14 (3.0)	23 (5.7)	98 (4.5)
All sites	420 (100.0)	449 (100.0)	441 (100.0)	462 (100.0)	401 (100.0)	2173 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	10 (1.5)	8 (1.1)	17 (2.3)	11 (1.5)	17 (2.5)	63 (1.7)
Digestive organs (C15-C26)	154 (22.4)	171 (23.0)	167 (22.2)	176 (23.5)	157 (22.8)	825 (22.8)
Respiratory organs (C30-C39)	37 (5.4)	38 (5.1)	25 (3.3)	23 (3.1)	20 (2.9)	143 (3.9)
Bone, cartilage, and skin (C40-C44)	85 (12.3)	83 (11.2)	89 (11.8)	111 (14.8)	111 (16.1)	479 (13.2)
Urinary organs (C64-C68)	16 (2.3)	22 (3.0)	21 (2.8)	26 (3.5)	19 (2.8)	104 (2.9)
Eye, brain, and thyroid (C69-C75)	35 (5.1)	44 (5.9)	40 (5.3)	31 (4.1)	40 (5.8)	190 (5.2)
Hematopoietic (C81-C96)	72 (10.4)	88 (11.8)	76 (10.1)	92 (12.3)	54 (7.8)	382 (10.5)
Other and unspecified	36 (5.2)	36 (4.8)	41 (5.4)	28 (3.7)	45 (6.5)	186 (5.1)
All sites	689 (100.0)	744 (100.0)	753 (100.0)	749 (100.0)	690 (100.0)	3625 (100.0)

**PERU, TRUJILLO (1998-2002)**  
**Age Standardized Incidence\* 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 (%)	2002 ASR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	2.5 (1.7)	2.4 (1.4)	6.4 (3.7)	3.7 (2.4)	4.6 (3.0)	3.9 (2.5)
Digestive organs (C15-C26)	40.8 (27.2)	48.6 (29.5)	43.3 (25.1)	47.3 (30.2)	49.2 (31.8)	45.8 (28.7)
Respiratory organs (C30-C39)	10.7 (7.1)	10.5 (6.4)	7.6 (4.4)	9.1 (5.8)	6.0 (3.9)	8.8 (5.5)
Bone, cartilage, and skin (C40-C44)	26.2 (17.5)	18.1 (11.0)	26.9 (15.6)	21.6 (13.8)	30.6 (19.8)	24.7 (15.4)
Breast (C50)	0 (0.0)	0 (0.0)	0 (0.0)	0.6 (0.4)	0 (0.0)	0.1 (0.1)
Male genitalia (C60-C63)	31.8 (21.2)	37.1 (22.5)	38.4 (22.2)	27.4 (17.5)	24.3 (15.7)	31.8 (19.9)
Urinary organs (C64-C68)	3.5 (2.3)	7.7 (4.6)	10.0 (5.8)	10.8 (6.9)	7.5 (4.9)	7.9 (4.9)
Eye, brain, and thyroid (C69-C75)	5.5 (3.7)	7.4 (4.5)	9.4 (5.4)	5.6 (3.6)	6.0 (3.9)	6.8 (4.2)
Hematopoietic (C81-C96)	23.1 (15.4)	22.0 (13.3)	19.5 (11.3)	23.5 (15.0)	15.7 (10.2)	20.8 (13.0)
Other and unspecified	5.8 (3.9)	11.3 (6.9)	11.3 (6.6)	7.1 (4.5)	10.7 (6.9)	9.2 (5.8)
All sites	149.9 (100.0)	165.0 (100.0)	172.7 (100.0)	156.8 (100.0)	154.6 (100.0)	159.8 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	2.5 (1.3)	1.9 (1.0)	3.0 (1.6)	1.9 (0.9)	3.6 (2.0)	2.6 (1.4)
Digestive organs (C15-C26)	38.0 (20.5)	37.7 (19.6)	40.1 (20.5)	41.0 (20.3)	31.6 (18.0)	37.7 (19.8)
Respiratory organs (C30-C39)	8.4 (4.5)	8.6 (4.4)	5.8 (2.9)	3.1 (1.5)	4.5 (2.6)	6.1 (3.2)
Bone, cartilage, and skin (C40-C44)	17.4 (9.4)	21.2 (11.0)	17.2 (8.8)	30.2 (14.9)	22.4 (12.7)	21.7 (11.4)
Breast (C50)	28.8 (15.5)	26.3 (13.7)	28.3 (14.5)	34.9 (17.3)	28.3 (16.1)	29.3 (15.4)
Female genitalia (C51-C58)	53.9 (29.1)	55.0 (28.6)	66.0 (33.7)	56.9 (28.2)	52.7 (30.0)	56.9 (29.9)
Urinary organs (C64-C68)	4.3 (2.3)	3.8 (2.0)	1.5 (0.7)	3.8 (1.9)	2.3 (1.3)	3.1 (1.7)
Eye, brain, and thyroid (C69-C75)	9.9 (5.3)	11.7 (6.1)	8.3 (4.2)	7.7 (3.8)	8.2 (4.7)	9.2 (4.8)
Hematopoietic (C81-C96)	11.8 (6.3)	18.8 (9.7)	16.8 (8.6)	16.7 (8.3)	10.2 (5.8)	14.8 (7.8)
Other and unspecified	10.4 (5.6)	7.4 (3.9)	8.6 (4.4)	5.7 (2.8)	11.8 (6.8)	8.8 (4.6)
All sites	185.3 (100.0)	192.4 (100.0)	195.6 (100.0)	201.9 (100.0)	175.5 (100.0)	190.2 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	2.4 (1.5)	2.1 (1.2)	4.6 (2.5)	2.7 (1.5)	4.1 (2.5)	3.2 (1.8)
Digestive organs (C15-C26)	39.0 (23.1)	42.5 (23.7)	41.4 (22.6)	43.8 (24.2)	39.6 (24.0)	41.2 (23.5)
Respiratory organs (C30-C39)	9.5 (5.6)	9.4 (5.3)	6.5 (3.5)	5.8 (3.2)	5.1 (3.1)	7.2 (4.1)
Bone, cartilage, and skin (C40-C44)	21.4 (12.7)	19.8 (11.1)	21.4 (11.7)	26.5 (14.7)	25.9 (15.7)	23.0 (13.1)
Urinary organs (C64-C68)	4.0 (2.4)	5.6 (3.1)	5.1 (2.8)	7.0 (3.9)	4.6 (2.8)	5.2 (3.0)
Eye, brain, and thyroid (C69-C75)	7.9 (4.7)	9.6 (5.4)	8.8 (4.8)	6.7 (3.7)	7.3 (4.4)	8.1 (4.6)
Hematopoietic (C81-C96)	17.0 (10.1)	20.2 (11.2)	18.1 (9.9)	19.9 (11.0)	12.8 (7.7)	17.6 (10.0)
Other and unspecified	8.4 (5.0)	9.3 (5.2)	9.8 (5.3)	6.2 (3.5)	11.2 (6.8)	9.0 (5.1)
All sites	168.5 (100.0)	179.2 (100.0)	183.6 (100.0)	180.6 (100.0)	165.1 (100.0)	175.4 (100.0)

\*Population denominator available for 1 year

PERU, TRUJILLO (1998-2002)  
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)	34	0	.	.	.	.	.	.	3.0	.	.	3.4	.	22.5	.	39.8	40.0	32.5	2.4	3.9	0.54	100	0	9	C00-14
Oesophagus (C15)	26	0	.	.	.	.	.	.	.	.	.	1.7	.	5.6	10.5	34.8	13.3	51.0	1.9	3.1	0.33	92	0	13	C15
Stomach (C16)	222	0	.	.	.	0.6	.	1.7	3.0	2.4	13.0	18.7	25.2	39.4	122.5	114.4	246.5	338.4	15.8	25.3	2.94	92	4	2	C16
Colon (C18)	55	0	.	.	.	.	.	0.8	1.0	3.6	2.9	6.8	12.6	16.9	14.0	29.8	46.6	69.5	3.9	6.0	0.68	98	0		C18
Rectum (C19-20)	25	0	.	.	.	.	.	0.8	1.0	.	.	.	8.4	11.3	14.0	14.9	26.6	18.5	1.8	2.9	0.39	96	0		C19-20
Colorectal (C18-20)	80	0	.	.	.	.	.	1.7	2.0	3.6	2.9	6.8	21.0	28.1	28.0	44.8	73.3	88.1	5.7	8.9	1.06	98	0	4	C18-20
Anus (C21)	4	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13.3	9.3	0.3	0.5	0.07	100	0	26	C21
Colon, rectum and anus (C18-21)	84	0	.	.	.	.	.	1.7	2.0	3.6	2.9	6.8	21.0	28.1	28.0	44.8	86.6	97.4	6.0	9.4	1.13	98	0		C18-21
Liver (C22)	22	0	.	.	.	.	.	.	.	1.2	4.3	1.7	2.1	8.4	3.5	9.9	26.6	27.8	1.6	2.4	0.29	100	0	16	C22
Gallbladder (C23-24)	26	0	.	.	.	.	.	.	.	1.2	.	.	12.6	2.8	14.0	9.9	33.3	32.5	1.9	3.0	0.37	92	0	14	C23-24
Pancreas (C25)	18	0	.	.	.	.	.	.	1.0	1.2	1.4	1.7	6.3	2.8	3.5	19.9	.	23.2	1.3	1.9	0.19	89	0	17	C25
Nose, sinuses (C30-31)	8	0	.	.	.	.	.	.	.	.	.	1.7	2.1	.	10.5	.	6.7	9.3	0.6	0.9	0.10	100	0	22	C30-31
Larynx (C32)	17	0	.	.	.	.	.	.	.	.	1.4	.	2.1	8.4	7.0	9.9	13.3	27.8	1.2	1.9	0.21	100	0	18	C32
Lung, trachea and bronchus (C33-34)	52	0	.	.	.	.	.	0.8	1.0	.	1.4	5.1	14.7	8.4	21.0	19.9	66.6	74.2	3.7	5.8	0.70	75	0	6	C33-34
Melanoma of skin (C43)	16	0	.	.	.	.	0.7	.	.	.	2.9	.	2.1	.	3.5	19.9	20.0	18.5	1.1	1.8	0.25	100	0	19	C43
Mesothelioma (C45)	6	0	.	.	.	.	.	.	1.0	.	.	.	2.1	.	3.5	.	.	13.9	0.4	0.6	0.03	100	0	25	C45
Kaposi sarcoma (C46)	7	0	.	.	.	.	.	2.5	.	.	.	.	.	.	3.5	.	13.3	4.6	0.5	0.7	0.10	100	0	24	C46
Breast (C50)	1	0	.	.	.	.	.	.	.	.	.	.	.	2.8	.	.	.	.	0.1	0.1	0.01	100	0	27	C50
Penis (C60)	15	0	.	.	.	.	.	.	.	.	1.4	1.7	4.2	.	7.0	24.9	6.7	13.9	1.1	1.8	0.23	100	0	20	C60
Prostate (C61)	229	0	.	.	.	.	.	.	.	.	.	.	10.5	33.8	98.0	189.0	379.7	412.6	16.3	27.3	3.56	94	3	1	C61
Testis (C62)	38	0	0.6	.	.	0.6	5.4	11.0	6.9	2.4	2.9	1.7	.	2.8	7.0	.	.	.	2.7	2.7	0.21	100	0	15	C62
Kidney (C64)	29	0	1.2	.	.	0.6	.	.	.	.	1.4	.	4.2	11.3	21.0	19.9	20.0	27.8	2.1	3.3	0.40	100	0	12	C64
Bladder (C67)	33	0	.	.	.	.	.	.	1.0	1.2	1.4	.	2.1	8.4	7.0	34.8	46.6	46.4	2.4	3.8	0.51	100	0	10	C67
Brain, CNS (C70-72)	48	0	0.6	6.9	1.8	.	.	1.7	3.9	2.4	4.3	5.1	8.4	5.6	17.5	9.9	20.0	13.9	3.4	4.3	0.44	75	0	7	C70-72
Thyroid (C73)	17	0	.	.	1.2	0.6	.	.	.	1.2	2.9	3.4	.	.	3.5	.	26.6	18.5	1.2	1.7	0.20	100	0	21	C73
Hodgkin disease (C81)	10	0	0.6	0.6	.	0.6	.	1.7	1.0	.	1.4	1.7	.	.	3.5	.	.	4.6	0.7	0.8	0.06	100	0	23	C81
Non-Hodgkin lymphoma (C82-85,C96)	93	0	.	0.6	.	0.6	2.0	0.8	3.0	8.5	7.2	13.6	10.5	22.5	52.5	59.7	60.0	69.5	6.6	10.2	1.21	100	0	3	C82-85,C96
Multiple myeloma (C88-C90)	28	0	.	.	.	.	.	.	.	.	.	3.4	2.1	16.9	28.0	29.8	20.0	9.3	2.0	3.6	0.50	100	0	11	C88-C90
Lymphoid leukaemia (C91)	29	0	2.4	3.2	2.4	4.2	1.4	.	.	.	2.9	.	8.4	.	7.0	.	.	4.6	2.1	2.2	0.15	100	0		C91
Myeloid leukaemia (C92-94)	36	0	1.8	0.6	1.2	1.2	1.4	.	.	3.6	.	3.4	8.4	8.4	14.0	14.9	20.0	18.5	2.6	3.6	0.40	100	0		C92-94
Leukaemia unspecified (C95)	4	0	.	.	.	.	.	.	.	1.2	.	.	.	.	3.5	.	6.7	4.6	0.3	0.4	0.06	100	0		C95
Leukaemia (C91-95)	69	0	4.2	3.8	3.6	5.4	1.4	.	.	4.8	2.9	3.4	16.8	8.4	24.5	14.9	26.6	27.8	4.9	6.2	0.60	100	0	5	C91-95
Other and unspecified (O&U)	38	0	1.2	.	.	.	0.7	.	2.0	1.2	1.4	3.4	4.2	16.9	10.5	19.9	46.6	32.5	2.7	4.2	0.54	97	0	8	O&U
All sites but C44 (ALLbC44)	1256	0	9.7	13.9	6.7	12.0	10.8	24.5	30.6	33.8	62.3	88.4	159.7	264.6	528.6	761.0	1272.5	1497.5	89.7	137.9	16.40	95	1		ALLbC44
All sites (ALL)	1452	0	9.7	13.9	6.7	12.0	11.5	24.5	33.5	42.3	68.1	96.9	189.1	301.2	591.6	895.3	1465.7	1845.2	103.7	159.8	18.81	95	1		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

PERU, TRUJILLO (1998-2002)  
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)	29	0	.	.	.	.	.	.	.	1.0	2.4	1.5	1.9	10.0	5.9	7.8	37.1	29.0	1.9	2.6	0.34	100	0	15	C00-14
Oesophagus (C15)	5	0	.	.	.	.	.	.	.	1.0	.	1.5	.	.	.	.	5.3	6.4	0.3	0.4	0.04	100	0	26	C15
Stomach (C16)	187	0	.	.	.	0.7	5.7	5.9	12.2	18.2	17.0	39.9	35.4	117.4	157	42.4	77.2	120	16.6	2.03	88	5	3	C16	
Colon (C18)	51	0	.	.	.	.	.	.	1.2	1.5	5.7	12.5	14.7	23.5	39.1	52.9	135.1	6.0	7.9	0.79	92	6		C18	
Rectum (C19-20)	42	0	.	.	.	.	.	.	1.6	2.0	4.5	1.9	7.6	20.0	26.5	39.1	52.9	135.1	6.0	7.9	0.79	92	5	4	C19-20
Colorectal (C18-20)	93	0	.	.	.	.	.	.	1.6	2.0	2.4	6.1	7.6	20.0	26.5	39.1	52.9	135.1	6.0	7.9	0.79	92	5	4	C18-20
Anus (C21)	13	0	.	.	.	0.7	.	.	.	1.5	.	1.5	.	.	8.8	7.8	10.6	12.9	0.8	1.2	0.15	100	0	19	C21
Colon, rectum and anus (C18-21)	106	0	.	.	.	0.7	1.6	2.0	2.4	7.6	7.6	20.0	35.4	47.0	63.5	148.0	6.8	9.1	0.94	93	5			C18-21	
Liver (C22)	13	0	1.2	.	.	.	.	.	1.0	.	1.5	5.7	.	2.9	11.7	.	6.4	0.8	1.2	0.12	100	0	21	C22	
Gallbladder (C23-24)	78	0	.	.	.	.	.	.	.	3.7	9.1	7.6	15.0	32.4	54.8	68.8	67.6	5.0	7.4	0.96	94	0	5	C23-24	
Pancreas (C25)	28	0	.	.	.	.	.	0.8	.	4.5	.	15.0	11.8	15.7	22.5	1.8	2.6	0.32	75	0	14			C25	
Nose, sinuses (C30-31)	6	0	.	.	.	.	.	.	.	1.2	1.5	.	.	.	.	3.9	15.9	.	0.4	0.6	0.11	100	0	23	C30-31
Larynx (C32)	6	0	.	.	.	.	.	.	.	2.4	.	3.8	.	2.9	.	.	5.3	.	0.4	0.6	0.07	100	0	25	C32
Lung, trachea and bronchus (C33-34)	52	0	.	.	.	.	.	1.4	1.0	1.2	7.6	9.5	12.5	11.8	39.1	31.8	41.8	3.3	4.8	0.58	79	0	11	C33-34	
Melanoma of skin (C43)	23	0	.	.	.	.	.	.	1.6	.	1.2	1.5	.	7.5	11.8	3.9	26.5	19.3	1.5	2.1	0.27	100	0	16	C43
Mesothelioma (C45)	9	0	.	.	.	.	.	.	.	.	.	3.0	.	.	.	7.8	10.6	9.7	0.6	0.8	0.11	100	0	22	C45
Kaposi sarcoma (C46)	4	0	.	.	.	.	.	0.8	1.0	.	.	.	.	.	.	.	.	6.4	0.3	0.2	0.01	100	0	27	C46
Breast (C50)	332	0	.	.	.	0.6	1.4	12.3	27.7	57.2	87.7	88.9	102.3	78.3	109.0	78.3	63.5	77.2	21.3	29.3	3.15	99	1	2	C50
Cervix uteri (C53)	498	0	.	.	0.5	0.6	9.9	22.2	38.6	77.9	96.8	117.3	132.3	147.3	191.8	174.7	131.9	31.9	44.0	5.05	96	3	1	C53	
Corpus uteri (C54)	47	0	.	.	.	.	.	0.8	2.0	1.2	12.1	7.6	17.5	39.1	31.8	39.1	31.8	6.4	3.0	4.7	0.65	100	0	12	C54
Ovary (C56)	68	0	.	0.6	0.6	1.2	5.0	2.5	4.9	3.7	13.6	22.7	20.0	23.6	23.5	23.5	10.6	22.5	4.4	6.0	0.64	99	0	7	C56
Kidney (C64)	17	0	0.6	0.6	.	.	.	.	.	.	1.5	5.7	.	11.7	21.2	12.9	1.1	1.5	0.21	100	0	17		C64	
Bladder (C67)	16	0	.	.	.	0.7	.	.	.	1.2	.	.	2.5	5.9	7.8	5.3	25.7	1.0	1.3	0.12	100	0	18		C67
Brain, CNS (C70-72)	38	0	1.9	0.6	0.6	1.2	4.2	0.8	4.9	3.7	1.5	5.7	5.0	2.9	3.9	5.3	19.3	2.4	2.7	0.21	74	0	13	C70-72	
Thyroid (C73)	68	0	.	.	.	2.9	2.1	5.7	6.9	3.7	18.2	11.4	17.5	11.8	23.5	31.8	6.4	4.4	5.7	0.68	100	0	9	C73	
Hodgkin disease (C81)	8	0	.	.	.	1.8	.	.	1.0	.	.	.	.	5.9	.	.	.	6.4	0.5	0.6	0.04	100	0	24	C81
Non-Hodgkin lymphoma (C82-85,C96)	88	0	0.6	0.6	0.6	1.6	1.2	5.0	1.6	2.0	7.3	4.5	9.5	12.5	23.6	43.1	52.9	67.6	5.6	7.4	0.83	100	0	6	C82-85,C96
Multiple myeloma (C88-C90)	14	0	.	.	.	.	.	.	.	1.2	1.5	5.7	5.0	2.9	3.9	3.9	.	16.1	0.9	1.2	0.10	100	0	20	C88-C90
Lymphoid leukaemia (C91)	25	0	3.7	1.3	1.8	1.2	1.2	.	.	.	1.2	1.5	.	2.5	8.8	7.8	5.3	9.7	1.6	2.0	0.18	100	0		C91
Myeloid leukaemia (C92-94)	36	0	1.2	0.6	0.6	1.8	1.8	2.1	2.5	.	.	3.0	3.8	5.0	8.8	15.7	10.6	22.5	2.3	2.8	0.28	100	0		C92-94
Leukaemia unspecified (C95)	11	0	.	0.6	.	0.5	0.7	0.8	.	1.2	1.5	.	.	.	.	11.7	5.3	3.2	0.7	0.9	0.11	100	0		C95
Leukaemia (C91-95)	72	0	5.0	2.5	2.4	1.1	2.9	2.8	3.3	.	2.4	6.1	3.8	7.5	17.7	35.2	21.2	35.4	4.6	5.7	0.57	100	0	8	C91-95
Other and unspecified (O&U)	60	0	.	.	.	0.5	0.6	.	0.8	1.0	1.2	7.6	7.6	22.5	20.6	31.3	37.1	48.3	3.8	5.5	0.65	97	0	10	O&U
All sites but C44 (ALLbC44)	1947	0	11.2	7.0	5.3	5.3	15.3	29.7	61.6	103.8	192.4	311.6	348.1	474.2	574.6	837.7	931.7	1055.2	124.6	171.0	19.55	96	2		ALLbC44
All sites (ALL)	2173	0	11.2	7.0	5.3	5.8	16.5	30.4	64.0	107.8	200.9	322.2	372.7	501.7	618.8	959.1	1095.8	1376.9	139.1	190.2	21.60	96	1		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

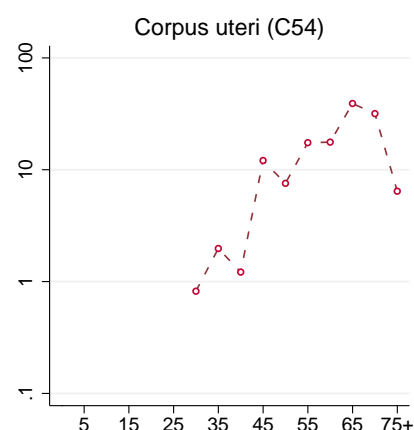
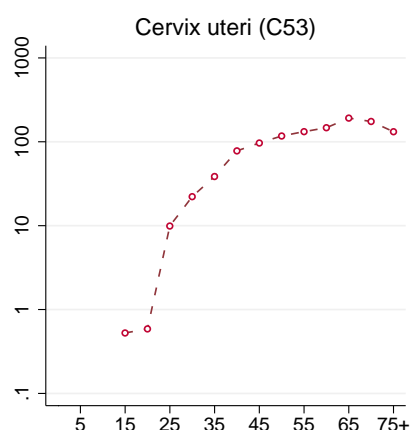
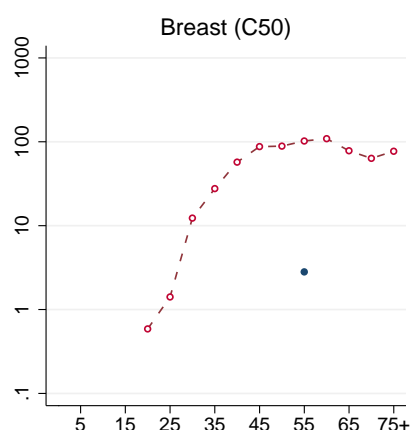
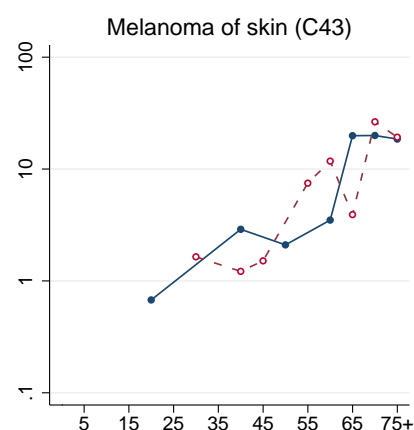
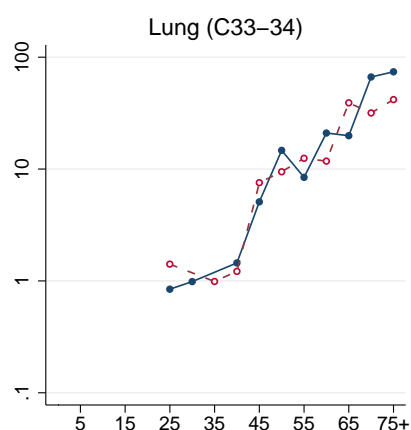
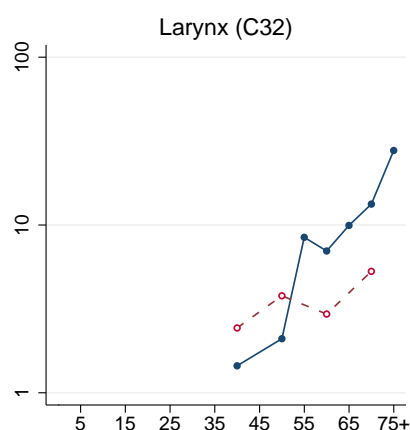
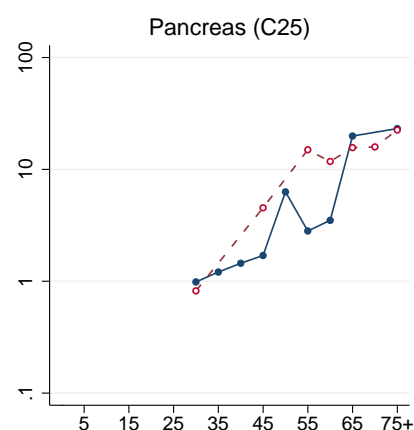
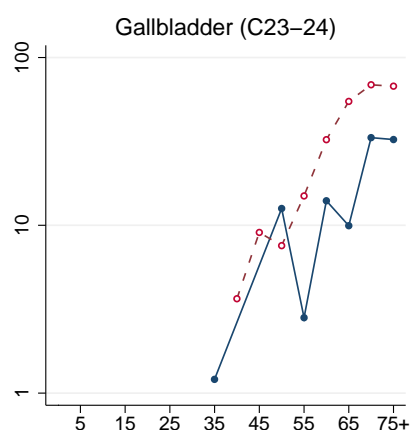
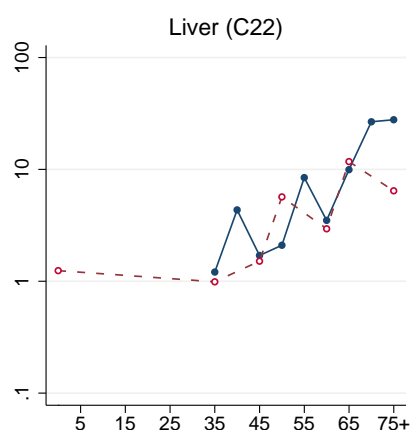
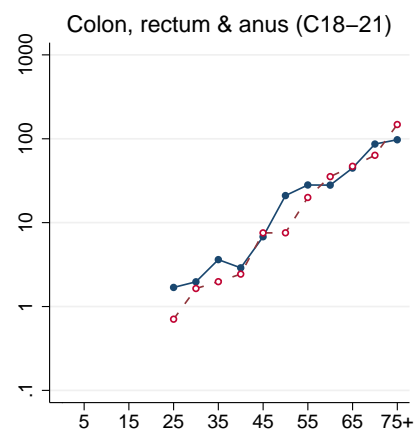
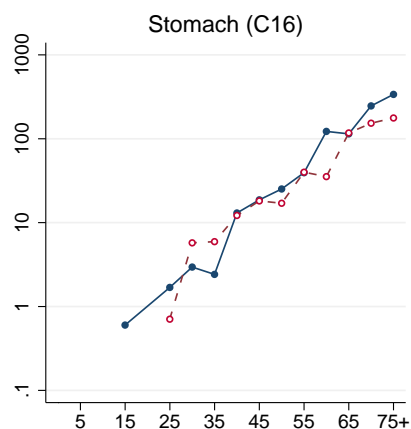
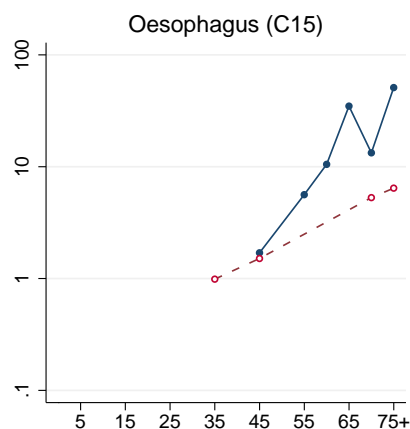
†Percent

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

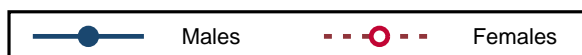
# PERU, TRUJILLO (1998–2002)

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

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



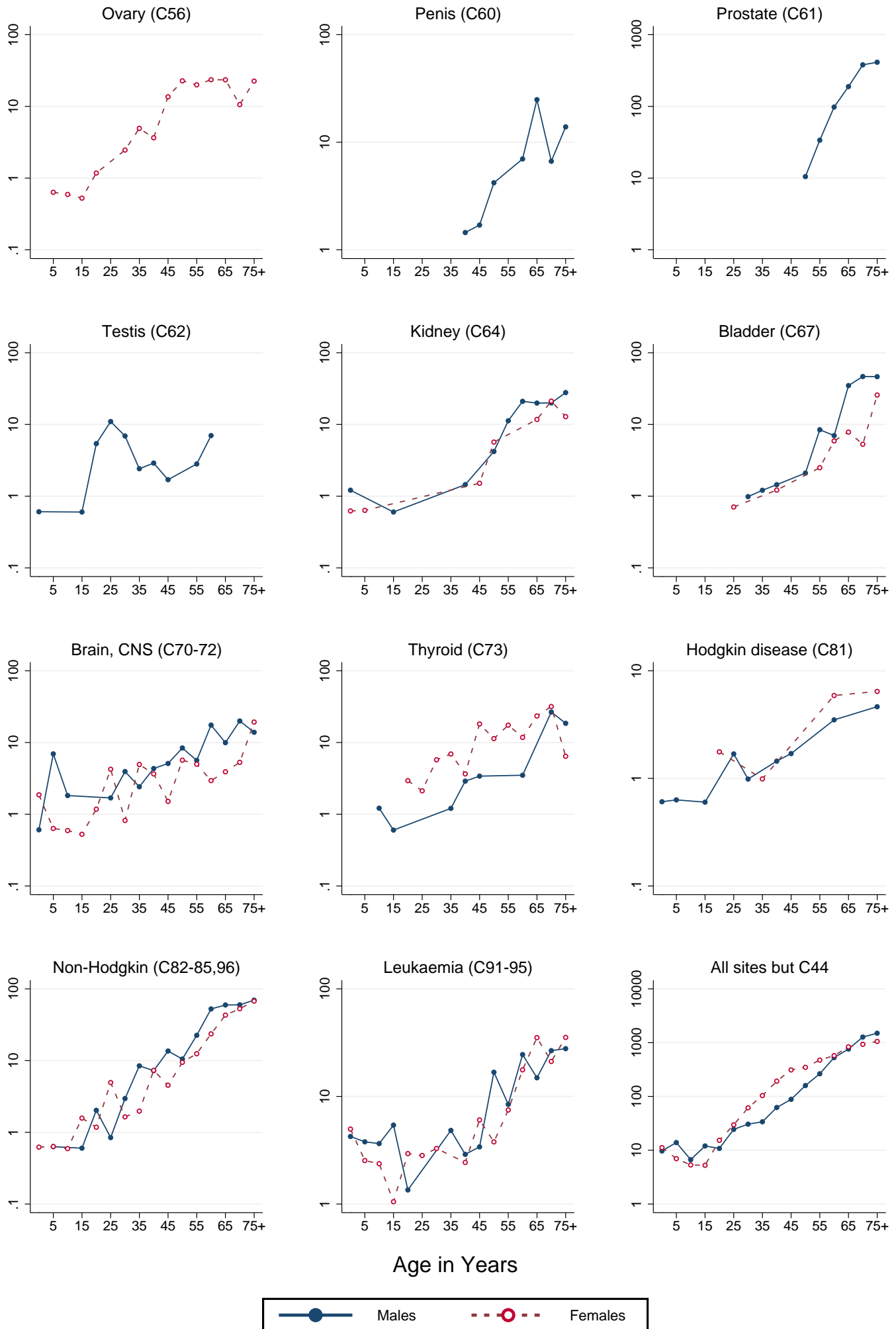
Age in Years



# PERU, TRUJILLO (1998-2002)

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

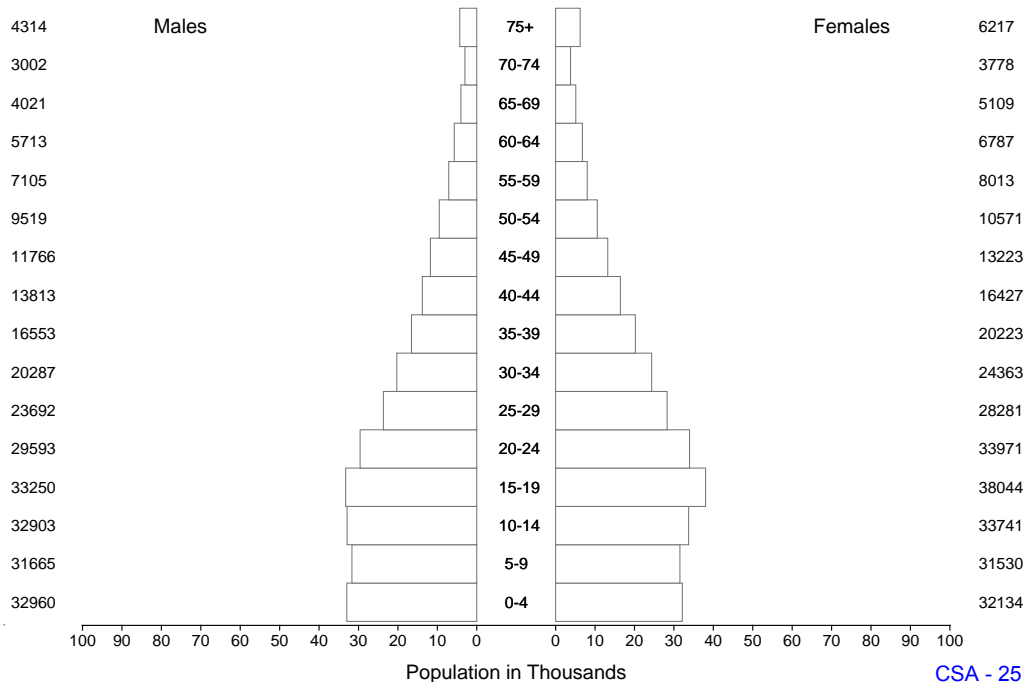
Incidence rate (log scale) per 100,000 person-years





# PERU, TRUJILLO (2002)

Average annual person-years



## **Country's Summary Tables and Figures**

# **PERU<sup>1,2</sup>**

## **(2001-2005)**

<sup>1</sup> Country's incidence rates were estimated using aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo

<sup>2</sup> National mortality data obtained from the WHO mortality database:  
[http://www.who.int/healthinfo/statistics/mortality\\_rawdata/en/index.html](http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html)

**PERU\* (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)	6 (2.1)	14 (2.3)	10 (2.1)	125 (1.8)	100 (1.5)	255 (1.7)
Digestive organs (C15-C26)	85 (29.6)	156 (25.7)	112 (23.4)	1772 (25.8)	1689 (25.8)	3814 (25.8)
Respiratory organs (C30-C39)	16 (5.6)	42 (6.9)	42 (8.8)	568 (8.3)	570 (8.7)	1238 (8.4)
Bone, cartilage, and skin (C40-C44)	39 (13.6)	106 (17.5)	51 (10.6)	853 (12.4)	845 (12.9)	1894 (12.8)
Breast (C50)	1 (0.3)	0 (0.0)	0 (0.0)	9 (0.1)	10 (0.2)	20 (0.1)
Male genitalia (C60-C63)	48 (16.7)	108 (17.8)	128 (26.7)	1606 (23.4)	1516 (23.2)	3406 (23.1)
Urinary organs (C64-C68)	18 (6.3)	27 (4.4)	30 (6.3)	370 (5.4)	404 (6.2)	849 (5.7)
Eye, brain, and thyroid (C69-C75)	11 (3.8)	35 (5.8)	21 (4.4)	272 (4.0)	260 (4.0)	599 (4.1)
Hematopoietic (C81-C96)	49 (17.1)	69 (11.4)	56 (11.7)	812 (11.8)	741 (11.3)	1727 (11.7)
Other and unspecified	14 (4.9)	50 (8.2)	29 (6.1)	472 (6.9)	404 (6.2)	969 (6.6)
All sites	287 (100.0)	607 (100.0)	479 (100.0)	6859 (100.0)	6539 (100.0)	14771 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	5 (1.1)	17 (1.7)	8 (1.1)	126 (1.6)	115 (1.5)	271 (1.5)
Digestive organs (C15-C26)	91 (19.7)	164 (16.7)	128 (16.8)	1850 (23.0)	1775 (22.7)	4008 (22.2)
Respiratory organs (C30-C39)	7 (1.5)	37 (3.8)	33 (4.3)	454 (5.6)	402 (5.1)	933 (5.2)
Bone, cartilage, and skin (C40-C44)	72 (15.6)	117 (11.9)	71 (9.3)	904 (11.2)	906 (11.6)	2070 (11.5)
Breast (C50)	77 (16.7)	178 (18.1)	140 (18.4)	1456 (18.1)	1411 (18.0)	3262 (18.1)
Female genitalia (C51-C58)	125 (27.1)	295 (30.0)	207 (27.2)	1456 (18.1)	1458 (18.6)	3541 (19.6)
Urinary organs (C64-C68)	8 (1.7)	12 (1.2)	11 (1.4)	209 (2.6)	197 (2.5)	437 (2.4)
Eye, brain, and thyroid (C69-C75)	20 (4.3)	58 (5.9)	59 (7.8)	487 (6.1)	488 (6.2)	1112 (6.2)
Hematopoietic (C81-C96)	43 (9.3)	61 (6.2)	73 (9.6)	706 (8.8)	673 (8.6)	1556 (8.6)
Other and unspecified	14 (3.0)	44 (4.5)	31 (4.1)	398 (4.9)	395 (5.1)	882 (4.9)
All sites	462 (100.0)	983 (100.0)	761 (100.0)	8046 (100.0)	7820 (100.0)	18072 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	11 (1.5)	31 (1.9)	18 (1.5)	251 (1.7)	215 (1.5)	526 (1.6)
Digestive organs (C15-C26)	176 (23.5)	320 (20.1)	240 (19.4)	3622 (24.3)	3464 (24.1)	7822 (23.8)
Respiratory organs (C30-C39)	23 (3.1)	79 (5.0)	75 (6.0)	1022 (6.9)	972 (6.8)	2171 (6.6)
Bone, cartilage, and skin (C40-C44)	111 (14.8)	223 (14.0)	122 (9.8)	1757 (11.8)	1751 (12.2)	3964 (12.1)
Urinary organs (C64-C68)	26 (3.5)	39 (2.5)	41 (3.3)	579 (3.9)	601 (4.2)	1286 (3.9)
Eye, brain, and thyroid (C69-C75)	31 (4.1)	93 (5.8)	80 (6.5)	759 (5.1)	748 (5.2)	1711 (5.2)
Hematopoietic (C81-C96)	92 (12.3)	130 (8.2)	129 (10.4)	1518 (10.2)	1414 (9.8)	3283 (10.0)
Other and unspecified	28 (3.7)	94 (5.9)	60 (4.8)	870 (5.8)	799 (5.6)	1851 (5.6)
All sites	749 (100.0)	1590 (100.0)	1240 (100.0)	14905 (100.0)	14359 (100.0)	32843 (100.0)

\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo

**PERU\* (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)	3.7 (2.4)	3.6 (2.1)	5.8 (2.2)	3.3 (1.9)	2.5 (1.5)	3.0 (1.7)
Digestive organs (C15-C26)	47.3 (30.2)	46.1 (27.5)	63.3 (23.7)	45.6 (26.1)	43.1 (26.0)	44.8 (26.1)
Respiratory organs (C30-C39)	9.1 (5.8)	11.9 (7.1)	23.9 (8.9)	14.8 (8.4)	14.6 (8.8)	14.6 (8.5)
Bone, cartilage, and skin (C40-C44)	21.6 (13.8)	28.5 (17.0)	28.7 (10.8)	21.6 (12.4)	21.1 (12.7)	21.8 (12.7)
Breast (C50)	0.6 (0.4)	0 (0.0)	0 (0.0)	0.3 (0.1)	0.2 (0.1)	0.2 (0.1)
Male genitalia (C60-C63)	27.4 (17.5)	30.4 (18.1)	67.8 (25.4)	40.0 (22.9)	38.1 (23.0)	39.0 (22.7)
Urinary organs (C64-C68)	10.8 (6.9)	7.5 (4.5)	17.4 (6.5)	9.6 (5.5)	10.5 (6.3)	10.1 (5.9)
Eye, brain, and thyroid (C69-C75)	5.6 (3.6)	8.6 (5.1)	12.5 (4.7)	7.0 (4.0)	6.6 (4.0)	6.9 (4.0)
Hematopoietic (C81-C96)	23.5 (15.0)	17.9 (10.6)	30.8 (11.5)	20.8 (11.9)	18.9 (11.4)	20.1 (11.7)
Other and unspecified	7.1 (4.5)	13.3 (7.9)	16.9 (6.3)	12.0 (6.8)	10.1 (6.1)	11.1 (6.5)
All sites	156.8 (100.0)	167.8 (100.0)	267.2 (100.0)	174.9 (100.0)	165.6 (100.0)	171.8 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	1.9 (0.9)	4.2 (1.8)	4.5 (1.1)	2.9 (1.5)	2.6 (1.4)	2.8 (1.5)
Digestive organs (C15-C26)	41.0 (20.3)	39.8 (16.8)	66.8 (16.4)	42.0 (22.6)	39.9 (22.3)	41.4 (21.9)
Respiratory organs (C30-C39)	3.1 (1.5)	9.5 (4.0)	17.9 (4.4)	10.6 (5.7)	9.2 (5.2)	9.9 (5.2)
Bone, cartilage, and skin (C40-C44)	30.2 (14.9)	26.4 (11.1)	38.5 (9.5)	20.3 (10.9)	20.0 (11.2)	20.9 (11.1)
Breast (C50)	34.9 (17.3)	44.3 (18.7)	77.0 (18.9)	34.6 (18.6)	33.0 (18.5)	35.1 (18.6)
Female genitalia (C51-C58)	56.9 (28.2)	71.1 (30.0)	111.3 (27.3)	33.8 (18.2)	33.7 (18.8)	37.4 (19.8)
Urinary organs (C64-C68)	3.8 (1.9)	3.0 (1.3)	5.9 (1.4)	4.9 (2.6)	4.5 (2.5)	4.6 (2.4)
Eye, brain, and thyroid (C69-C75)	7.7 (3.8)	12.8 (5.4)	29.0 (7.1)	11.3 (6.1)	11.1 (6.2)	11.5 (6.1)
Hematopoietic (C81-C96)	16.7 (8.3)	14.8 (6.2)	38.8 (9.5)	16.4 (8.8)	16.0 (8.9)	16.6 (8.8)
Other and unspecified	5.7 (2.8)	11.3 (4.8)	17.4 (4.3)	9.0 (4.8)	8.7 (4.9)	9.0 (4.8)
All sites	201.9 (100.0)	237.0 (100.0)	406.9 (100.0)	185.6 (100.0)	178.6 (100.0)	189.3 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	2.7 (1.5)	3.9 (1.9)	5.1 (1.5)	3.1 (1.7)	2.5 (1.5)	2.9 (1.6)
Digestive organs (C15-C26)	43.8 (24.2)	42.8 (20.9)	64.9 (19.0)	43.6 (24.2)	41.4 (24.1)	43.0 (23.8)
Respiratory organs (C30-C39)	5.8 (3.2)	10.6 (5.2)	20.8 (6.1)	12.6 (7.0)	11.7 (6.8)	12.1 (6.7)
Bone, cartilage, and skin (C40-C44)	26.5 (14.7)	27.3 (13.3)	33.5 (9.8)	20.9 (11.6)	20.5 (11.9)	21.3 (11.8)
Urinary organs (C64-C68)	7.0 (3.9)	5.1 (2.5)	11.3 (3.3)	7.1 (3.9)	7.3 (4.3)	7.2 (4.0)
Eye, brain, and thyroid (C69-C75)	6.7 (3.7)	10.8 (5.3)	21.3 (6.2)	9.2 (5.1)	9.0 (5.2)	9.3 (5.2)
Hematopoietic (C81-C96)	19.9 (11.0)	16.2 (7.9)	34.8 (10.2)	18.5 (10.3)	17.4 (10.1)	18.3 (10.1)
Other and unspecified	6.2 (3.5)	12.1 (5.9)	17.3 (5.1)	10.4 (5.8)	9.3 (5.4)	10.0 (5.5)
All sites	180.6 (100.0)	204.8 (100.0)	341.2 (100.0)	180.1 (100.0)	172.0 (100.0)	180.6 (100.0)

\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo

PERU\* (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)	255	0	.	.	.	0.1	0.2	0.6	1.4	1.1	2.1	4.6	6.4	7.2	8.9	13.1	22.0	28.0	2.8	3.0	0.34	93	3	15	C00-14
Oesophagus (C15)	153	0	.	.	.	.	.	.	.	0.3	0.5	0.8	2.0	4.4	6.6	10.6	18.0	24.9	1.7	1.8	0.22	76	16	18	C15
Stomach (C16)	1629	0	.	.	.	0.4	0.8	0.8	2.7	5.0	7.8	18.3	23.5	45.1	68.1	112.0	188.4	242.7	17.7	19.2	2.21	76	17	2	C16
Colon (C18)	634	1	.	.	.	.	0.1	0.2	0.9	3.8	4.0	6.1	9.5	13.4	28.7	35.8	67.2	95.3	6.9	7.4	0.85	80	15		C18
Rectum (C19-20)	282	0	.	.	0.2	.	0.1	0.2	0.5	1.4	1.9	2.1	6.9	8.1	10.1	19.7	29.3	35.0	3.1	3.3	0.40	93	4		C19-20
Colorectal (C18-20)	916	1	.	.	0.2	.	0.2	0.5	1.4	5.2	5.9	8.2	16.4	21.5	38.7	55.5	96.5	130.3	10.0	10.8	1.25	84	11	4	C18-20
Anus (C21)	34	0	.	.	.	.	0.1	0.1	0.1	0.2	0.2	0.6	0.5	0.9	0.8	1.5	2.7	5.2	0.4	0.4	0.04	94	0	26	C21
Colon, rectum and anus (C18-21)	950	1	.	.	0.2	.	0.3	0.6	1.5	5.3	6.1	8.8	16.9	22.4	39.5	57.0	99.2	135.6	10.3	11.1	1.29	84	11		C18-21
Liver (C22)	364	1	1.0	0.4	0.2	0.7	1.3	1.4	1.4	0.9	1.7	2.5	4.9	5.0	12.8	19.2	35.3	52.9	4.0	4.2	0.44	32	48	11	C22
Gallbladder (C23-24)	263	0	.	.	.	.	0.1	.	0.1	0.5	1.4	1.9	3.7	8.1	12.0	21.2	24.6	39.4	2.9	3.1	0.37	58	27	14	C23-24
Pancreas (C25)	339	1	0.1	.	.	.	0.1	0.2	0.8	0.3	2.4	3.1	5.4	8.1	15.5	21.7	31.3	52.0	3.7	4.0	0.45	41	43	12	C25
Nose, sinuses (C30-31)	61	0	.	0.1	.	0.1	.	0.4	0.4	0.2	0.9	1.5	1.2	1.6	2.3	3.5	3.3	5.2	0.7	0.7	0.08	97	0	24	C30-31
Larynx (C32)	146	1	.	.	.	.	.	.	0.1	0.2	0.5	1.0	2.4	4.0	4.6	13.6	11.3	24.5	1.6	1.7	0.19	82	8	19	C32
Lung, trachea and bronchus (C33-34)	1001	0	.	.	.	.	0.3	0.6	2.1	2.0	3.7	9.2	13.0	25.5	44.1	73.1	103.9	152.6	10.9	11.8	1.39	65	25	3	C33-34
Melanoma of skin (C43)	184	1	.	.	0.1	.	0.2	0.1	0.8	1.4	1.7	1.9	3.7	6.8	8.1	11.1	15.3	18.4	2.0	2.2	0.26	90	4	17	C43
Mesothelioma (C45)	42	0	.	.	.	.	.	0.1	0.3	.	0.2	0.2	0.2	0.9	2.3	3.0	3.3	7.0	0.5	0.5	0.05	93	7	25	C45
Kaposi sarcoma (C46)	104	0	.	.	.	.	0.2	1.9	1.0	1.1	0.9	1.5	1.2	2.5	3.5	4.5	1.3	11.4	1.1	1.1	0.10	89	6	21	C46
Breast (C50)	20	0	.	.	.	.	.	.	0.1	0.2	.	0.2	0.2	0.6	1.9	1.5	.	2.6	0.2	0.2	0.02	70	15	27	C50
Penis (C60)	85	0	.	.	.	0.1	.	0.1	0.4	0.5	0.9	0.8	2.0	2.5	3.5	6.6	7.3	8.3	0.9	1.0	0.12	94	4	22	C60
Prostate (C61)	2976	2	.	.	.	.	.	.	.	0.2	0.7	4.8	16.2	49.8	110.7	225.0	419.4	593.9	32.4	34.6	4.14	77	14	1	C61
Testis (C62)	329	1	2.1	0.1	0.2	2.9	4.3	9.4	6.7	6.2	4.4	2.9	2.0	1.6	2.3	0.5	0.7	3.9	3.6	3.2	0.23	89	2	13	C62
Kidney (C64)	411	1	1.0	0.5	0.1	0.1	0.2	.	0.1	1.8	2.4	6.1	9.1	14.0	17.8	30.3	31.3	45.0	4.5	5.0	0.58	67	15	8	C64
Bladder (C67)	398	0	.	.	.	.	.	.	0.5	1.4	2.1	2.1	3.9	8.1	19.0	26.2	37.9	71.3	4.3	4.6	0.51	86	7	9	C67
Brain, CNS (C70-72)	390	1	2.8	3.3	1.9	1.7	2.0	3.5	2.8	2.7	5.4	4.8	7.6	6.8	8.9	15.1	12.6	17.9	4.2	4.5	0.41	73	9	10	C70-72
Thyroid (C73)	147	0	.	0.1	0.2	0.1	0.9	1.4	0.9	1.8	1.9	1.9	4.7	5.0	3.9	6.1	9.3	5.7	1.6	1.7	0.19	94	1	20	C73
Hodgkin disease (C81)	85	0	0.7	1.0	0.6	0.6	0.4	0.8	0.9	1.4	0.2	0.6	0.7	0.9	2.7	2.0	2.0	4.4	0.9	0.9	0.08	95	5	23	C81
Non-Hodgkin lymphoma (C82-85,C96)	875	1	0.6	1.1	2.1	1.8	2.2	3.4	3.5	6.2	8.0	11.3	16.6	24.3	31.0	51.5	67.9	77.9	9.5	10.2	1.16	90	7	5	C82-85,C96
Multiple myeloma (C88-C90)	212	0	.	.	.	.	.	0.4	0.1	0.2	0.7	1.7	4.4	6.5	13.9	15.6	18.0	27.1	2.3	2.6	0.31	68	24	16	C88-C90
Lymphoid leukaemia (C91)	269	0	5.1	4.7	4.2	3.1	1.0	1.5	1.2	1.1	1.4	1.5	2.0	3.7	3.9	5.0	6.7	10.1	2.9	3.1	0.23	89	11		C91
Myeloid leukaemia (C92-94)	216	0	0.9	1.0	0.8	1.2	1.7	1.7	1.4	2.3	1.9	3.1	2.4	5.0	4.6	9.1	5.3	16.2	2.3	2.4	0.21	82	18		C92-94
Leukaemia unspecified (C95)	70	0	0.6	0.5	0.8	0.8	0.3	0.1	0.3	0.5	0.3	0.6	0.7	.	1.2	3.0	4.0	6.6	0.8	0.8	0.07	64	30		C95
Leukaemia (C91-95)	555	0	6.6	6.2	5.9	5.1	3.0	3.3	2.8	3.8	3.7	5.2	5.1	8.7	9.7	17.2	16.0	32.8	6.0	6.3	0.51	83	16	6	C91-95
Other and unspecified (O&U)	495	0	0.6	.	0.5	0.4	0.2	1.2	1.5	1.7	2.1	5.2	6.1	14.0	20.9	29.8	37.9	74.4	5.4	5.7	0.61	55	31	7	O&U
All sites but C44 (ALLbC44)	13143	11	18.9	14.4	14.0	17.5	19.0	32.0	35.9	49.1	67.8	111.9	172.3	300.7	496.8	825.8	1231.6	1825.6	142.9	153.1	17.05	76	15		ALLbC44
All sites (ALL)	14771	15	19.0	14.4	14.3	18.0	19.5	32.8	39.1	54.7	72.7	126.2	193.6	337.7	552.5	931.7	1389.4	2109.4	160.6	171.8	19.10	78	14		ALL

\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo  
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

PERU\* (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)	271	1	.	.	0.1	0.2	0.2	0.3	1.1	1.4	2.7	4.2	6.0	7.4	10.5	10.3	15.0	25.9	2.8	2.8	0.30	87	5	16	C00-14
Oesophagus (C15)	52	0	.	.	.	.	.	.	.	0.1	0.3	0.8	0.6	1.1	0.4	1.9	4.8	8.7	0.5	0.5	0.05	75	15	23	C15
Stomach (C16)	1492	0	.	.	.	1.1	1.9	1.9	4.7	6.8	9.9	16.4	25.0	27.0	45.1	82.6	115.8	183.0	15.5	15.1	1.68	71	22	3	C16
Colon (C18)	713	0	.	.	.	0.3	0.3	0.3	0.5	1.1	3.0	5.7	13.0	16.8	23.3	47.2	58.2	92.7	7.4	7.4	0.85	74	17		C18
Rectum (C19-20)	276	0	.	.	.	.	.	0.2	0.5	1.0	1.1	2.7	5.0	8.0	13.1	14.5	26.4	28.0	2.9	2.9	0.36	91	4		C19-20
Colorectal (C18-20)	989	0	.	.	.	0.3	0.6	0.6	1.0	2.1	4.1	8.4	17.9	24.7	36.3	61.6	84.6	120.7	10.3	10.3	1.21	79	13	4	C18-20
Anus (C21)	108	0	.	.	.	.	.	0.1	0.1	0.3	0.3	0.8	1.5	3.1	5.8	6.5	10.8	11.2	1.1	1.2	0.15	95	1	21	C21
Colon, rectum and anus (C18-21)	1097	0	.	.	.	0.3	0.7	0.7	1.1	2.4	4.5	9.2	19.4	27.9	42.1	68.2	95.4	131.9	11.4	11.5	1.36	81	12		C18-21
Liver (C22)	347	1	1.2	0.1	0.2	0.7	0.7	0.6	0.4	1.4	1.9	2.1	4.3	6.0	9.8	15.4	30.0	45.1	3.6	3.5	0.37	29	52	14	C22
Gallbladder (C23-24)	514	1	.	.	.	.	.	0.3	0.6	1.4	2.2	4.2	7.1	15.6	25.4	35.0	47.4	51.4	5.3	5.6	0.70	63	22	10	C23-24
Pancreas (C25)	370	0	.	.	.	.	.	.	0.7	0.6	1.4	2.1	5.0	10.8	14.2	16.8	37.8	49.3	3.9	3.8	0.45	34	42	13	C25
Nose, sinuses (C30-31)	44	0	0.1	.	.	.	.	0.1	0.1	0.3	0.5	0.4	0.6	1.4	0.7	4.2	4.2	2.8	0.5	0.5	0.06	91	5	24	C30-31
Larynx (C32)	32	0	.	.	.	.	.	0.1	0.2	.	0.2	0.6	0.4	0.3	0.7	2.3	2.4	3.8	0.3	0.3	0.04	78	19	25	C32
Lung, trachea and bronchus (C33-34)	835	0	.	.	.	0.1	0.3	0.3	1.1	2.1	4.9	9.9	14.0	21.0	35.6	49.0	75.0	89.9	8.7	8.9	1.07	65	23	5	C33-34
Melanoma of skin (C43)	200	3	0.1	0.1	.	0.1	0.2	0.2	0.6	1.2	2.1	2.7	3.5	3.1	6.9	14.0	14.4	17.1	2.1	2.1	0.25	89	4	18	C43
Mesothelioma (C45)	27	0	.	.	.	.	.	0.1	.	.	0.3	0.4	0.6	0.9	0.7	1.9	3.6	1.4	0.3	0.3	0.04	89	11	26	C45
Kaposi sarcoma (C46)	31	0	.	.	.	0.1	0.1	0.2	0.1	0.7	.	0.4	0.6	.	1.1	0.9	.	4.2	0.3	0.3	0.02	87	10	27	C46
Breast (C50)	3262	13	.	.	.	.	0.7	2.3	12.5	28.8	64.8	94.1	95.9	113.8	108.6	124.7	132.6	132.6	34.0	35.1	3.91	87	4	1	C50
Cervix uteri (C53)	2102	2	.	0.1	.	0.1	1.4	4.1	14.3	27.8	45.5	53.4	62.0	61.7	64.3	71.4	74.4	71.4	21.9	22.2	2.41	95	3	2	C53
Corpus uteri (C54)	402	1	.	.	.	0.1	0.3	0.8	1.9	4.3	8.4	11.4	11.4	16.2	17.4	20.1	27.6	20.3	4.2	4.5	0.54	87	3	12	C54
Ovary (C56)	725	1	0.3	0.4	0.7	1.7	2.8	3.1	3.4	5.4	10.7	14.3	17.9	21.9	25.4	30.8	26.4	32.5	7.5	7.7	0.83	77	10	7	C56
Kidney (C64)	227	0	2.2	0.3	.	0.3	0.1	0.4	0.8	1.3	3.6	4.1	4.1	6.3	7.6	11.7	16.2	18.9	2.4	2.5	0.27	72	14	17	C64
Bladder (C67)	183	0	.	.	.	0.2	0.1	0.2	0.3	0.3	0.5	1.5	1.5	5.7	6.9	10.3	12.6	26.6	1.9	1.8	0.20	78	14	19	C67
Brain, CNS (C70-72)	327	0	1.7	2.1	1.8	1.2	1.8	2.1	2.4	2.6	3.3	5.2	3.7	3.1	7.3	15.4	14.4	15.4	3.4	3.5	0.34	60	16	15	C70-72
Thyroid (C73)	734	1	.	.	0.4	2.0	2.5	6.5	9.3	9.6	10.3	17.7	15.8	16.8	17.1	21.9	27.6	18.9	7.6	7.5	0.79	90	2	8	C73
Hodgkin disease (C81)	68	1	0.1	0.4	0.1	0.7	0.3	0.9	0.6	0.4	0.5	0.8	.	0.3	1.1	2.8	3.0	5.2	0.7	0.7	0.06	94	6	22	C81
Non-Hodgkin lymphoma (C82-85,C96)	828	0	0.4	0.5	1.0	1.3	1.7	3.2	3.5	4.7	6.2	7.3	14.7	22.2	35.2	44.8	58.2	63.0	8.6	8.8	1.02	91	6	6	C82-85,C96
Multiple myeloma (C88-C90)	154	0	.	.	.	0.1	0.1	0.2	0.2	0.7	0.8	2.5	2.4	3.7	6.9	8.4	10.2	16.4	1.6	1.6	0.18	66	26	20	C88-C90
Lymphoid leukaemia (C91)	234	0	4.5	3.6	2.8	1.4	1.1	1.9	0.6	0.7	1.4	1.3	1.7	5.1	4.7	6.5	5.4	7.0	2.4	2.7	0.21	91	9		C91
Myeloid leukaemia (C92-94)	198	0	0.5	0.7	0.7	1.1	1.1	1.3	1.2	2.2	1.9	2.5	2.2	2.8	5.4	10.7	7.8	9.8	2.1	2.1	0.21	78	22		C92-94
Leukaemia unspecified (C95)	74	0	1.0	0.1	0.5	0.5	0.6	0.4	0.4	0.6	.	0.2	0.2	1.4	1.1	2.8	1.2	7.3	0.8	0.7	0.06	45	49		C95
Leukaemia (C91-95)	506	0	6.0	4.4	4.0	3.0	2.9	3.7	2.2	3.5	3.3	4.0	4.1	9.4	11.3	20.1	14.4	24.1	5.3	5.5	0.48	79	20	11	C91-95
Other and unspecified (O&U)	629	2	0.4	.	0.2	0.7	0.5	0.7	1.1	1.4	3.3	7.8	9.7	13.7	24.3	32.2	45.6	76.6	6.5	6.5	0.71	55	33	9	O&U
All sites but C44 (ALLbC44)	16284	28	15.0	9.8	10.8	15.4	20.5	35.0	65.9	111.9	194.5	282.0	342.3	432.6	549.7	749.4	955.8	1208.1	169.5	171.3	18.98	78	13		ALLbC44
All sites (ALL)	18072	31	15.0	9.9	11.2	15.8	21.0	36.2	69.2	117.3	206.1	296.9	367.1	473.8	609.3	835.8	1098.5	1452.0	188.1	189.3	20.95	80	12		ALL

\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo  
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

**PERU (2001-2005)**  
**Number of Deaths 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)	57 (1.0)	64 (1.1)	91 (1.4)	70 (1.0)	74 (0.9)	356 (1.1)
Digestive organs (C15-C26)	2411 (43.0)	2509 (42.1)	2828 (43.5)	3132 (43.4)	3339 (42.6)	14219 (42.9)
Respiratory organs (C30-C39)	645 (11.5)	607 (10.2)	698 (10.7)	781 (10.8)	906 (11.6)	3637 (11.0)
Bone, cartilage, and skin (C40-C44)	37 (0.7)	53 (0.9)	45 (0.7)	50 (0.7)	55 (0.7)	240 (0.7)
Male genitalia (C60-C63)	858 (15.3)	883 (14.8)	938 (14.4)	1125 (15.6)	1247 (15.9)	5051 (15.2)
Urinary organs (C64-C68)	159 (2.8)	167 (2.8)	184 (2.8)	210 (2.9)	252 (3.2)	972 (2.9)
Eye, brain, and thyroid (C69-C75)	233 (4.2)	233 (3.9)	246 (3.8)	290 (4.0)	364 (4.6)	1366 (4.1)
Hematopoietic (C81-C96)	627 (11.2)	692 (11.6)	827 (12.7)	790 (10.9)	849 (10.8)	3785 (11.4)
All sites	5605 (100.0)	5955 (100.0)	6507 (100.0)	7217 (100.0)	7840 (100.0)	33124 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	55 (0.9)	42 (0.6)	49 (0.7)	77 (0.9)	111 (1.2)	334 (0.9)
Digestive organs (C15-C26)	2712 (42.0)	2838 (40.2)	3002 (40.8)	3521 (42.3)	3814 (41.5)	15887 (41.4)
Respiratory organs (C30-C39)	425 (6.6)	477 (6.8)	544 (7.4)	604 (7.3)	686 (7.5)	2736 (7.1)
Bone, cartilage, and skin (C40-C44)	36 (0.6)	32 (0.5)	39 (0.5)	38 (0.5)	45 (0.5)	190 (0.5)
Breast (C50)	540 (8.4)	560 (7.9)	672 (9.1)	753 (9.1)	780 (8.5)	3305 (8.6)
Female genitalia (C51-C58)	1168 (18.1)	1274 (18.1)	1300 (17.7)	1470 (17.7)	1641 (17.9)	6853 (17.9)
Urinary organs (C64-C68)	105 (1.6)	115 (1.6)	95 (1.3)	168 (2.0)	176 (1.9)	659 (1.7)
Eye, brain, and thyroid (C69-C75)	248 (3.8)	227 (3.2)	284 (3.9)	315 (3.8)	369 (4.0)	1443 (3.8)
Hematopoietic (C81-C96)	509 (7.9)	604 (8.6)	668 (9.1)	644 (7.7)	747 (8.1)	3172 (8.3)
All sites	6463 (100.0)	7053 (100.0)	7358 (100.0)	8320 (100.0)	9191 (100.0)	38385 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	112 (0.9)	106 (0.8)	140 (1.0)	147 (0.9)	185 (1.1)	690 (1.0)
Digestive organs (C15-C26)	5123 (42.5)	5347 (41.1)	5830 (42.0)	6653 (42.8)	7153 (42.0)	30106 (42.1)
Respiratory organs (C30-C39)	1070 (8.9)	1084 (8.3)	1242 (9.0)	1385 (8.9)	1592 (9.3)	6373 (8.9)
Bone, cartilage, and skin (C40-C44)	73 (0.6)	85 (0.7)	84 (0.6)	88 (0.6)	100 (0.6)	430 (0.6)
Urinary organs (C64-C68)	264 (2.2)	282 (2.2)	279 (2.0)	378 (2.4)	428 (2.5)	1631 (2.3)
Eye, brain, and thyroid (C69-C75)	481 (4.0)	460 (3.5)	530 (3.8)	605 (3.9)	733 (4.3)	2809 (3.9)
Hematopoietic (C81-C96)	1136 (9.4)	1296 (10.0)	1495 (10.8)	1434 (9.2)	1596 (9.4)	6957 (9.7)
All sites	12068 (100.0)	13008 (100.0)	13865 (100.0)	15537 (100.0)	17031 (100.0)	71509 (100.0)

**PERU (2001-2005)**  
**Age Standardized Mortality Rate (World Population) per 100,000**  
**in Major Diagnosis Groups per Calendar Year**

SITE	YEAR					TOTAL ASMR (%)
	2001 ASMR (%)	2002 ASMR (%)	2003 ASMR (%)	2004 ASMR (%)	2005 ASMR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	0.6 (1.0)	0.7 (1.1)	0.9 (1.4)	0.7 (1.0)	0.7 (1.0)	0.7 (1.1)
Digestive organs (C15-C26)	26.0 (44.0)	25.9 (42.8)	28.6 (44.6)	30.7 (44.3)	31.8 (43.4)	28.7 (43.8)
Respiratory organs (C30-C39)	7.0 (11.9)	6.4 (10.6)	7.1 (11.1)	7.7 (11.1)	8.7 (11.9)	7.4 (11.3)
Bone, cartilage, and skin (C40-C44)	0.4 (0.7)	0.6 (0.9)	0.5 (0.7)	0.5 (0.7)	0.5 (0.7)	0.5 (0.7)
Male genitalia (C60-C63)	9.2 (15.6)	9.2 (15.1)	9.4 (14.6)	10.9 (15.7)	11.7 (15.9)	10.1 (15.4)
Urinary organs (C64-C68)	1.7 (2.9)	1.7 (2.9)	1.8 (2.9)	2.1 (3.0)	2.4 (3.3)	2.0 (3.0)
Eye, brain, and thyroid (C69-C75)	2.2 (3.8)	2.2 (3.7)	2.2 (3.5)	2.6 (3.8)	3.2 (4.4)	2.5 (3.8)
Hematopoietic (C81-C96)	6.0 (10.1)	6.5 (10.7)	7.4 (11.6)	7.0 (10.2)	7.4 (10.1)	6.9 (10.5)
All sites	59.0 (100.0)	60.6 (100.0)	64.2 (100.0)	69.2 (100.0)	73.2 (100.0)	65.5 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.5 (0.8)	0.4 (0.6)	0.4 (0.7)	0.7 (0.9)	0.9 (1.2)	0.6 (0.9)
Digestive organs (C15-C26)	25.6 (42.0)	25.8 (40.2)	26.4 (40.7)	30.1 (42.4)	31.6 (41.3)	28.0 (41.4)
Respiratory organs (C30-C39)	4.1 (6.7)	4.4 (6.8)	4.8 (7.4)	5.2 (7.3)	5.7 (7.5)	4.9 (7.2)
Bone, cartilage, and skin (C40-C44)	0.3 (0.6)	0.3 (0.4)	0.3 (0.5)	0.3 (0.4)	0.4 (0.5)	0.3 (0.5)
Breast (C50)	5.2 (8.5)	5.2 (8.2)	6.1 (9.3)	6.6 (9.3)	6.7 (8.7)	6.0 (8.8)
Female genitalia (C51-C58)	11.3 (18.5)	11.8 (18.4)	11.8 (18.2)	12.7 (17.9)	14.1 (18.4)	12.4 (18.3)
Urinary organs (C64-C68)	1.0 (1.6)	1.0 (1.5)	0.8 (1.2)	1.4 (2.0)	1.4 (1.9)	1.1 (1.7)
Eye, brain, and thyroid (C69-C75)	2.3 (3.7)	2.0 (3.2)	2.5 (3.8)	2.7 (3.7)	3.0 (4.0)	2.5 (3.7)
Hematopoietic (C81-C96)	4.5 (7.4)	5.2 (8.2)	5.6 (8.7)	5.3 (7.4)	6.0 (7.8)	5.3 (7.9)
All sites	60.9 (100.0)	64.1 (100.0)	64.8 (100.0)	71.1 (100.0)	76.4 (100.0)	67.7 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	0.5 (0.9)	0.5 (0.8)	0.7 (1.0)	0.7 (1.0)	0.8 (1.1)	0.6 (1.0)
Digestive organs (C15-C26)	25.8 (43.3)	25.8 (41.6)	27.4 (42.8)	30.3 (43.5)	31.6 (42.5)	28.3 (42.8)
Respiratory organs (C30-C39)	5.4 (9.1)	5.3 (8.5)	5.9 (9.1)	6.3 (9.1)	7.1 (9.5)	6.0 (9.1)
Bone, cartilage, and skin (C40-C44)	0.4 (0.6)	0.4 (0.7)	0.4 (0.6)	0.4 (0.6)	0.4 (0.6)	0.4 (0.6)
Urinary organs (C64-C68)	1.3 (2.2)	1.3 (2.2)	1.3 (2.0)	1.7 (2.5)	1.9 (2.6)	1.5 (2.3)
Eye, brain, and thyroid (C69-C75)	2.3 (3.8)	2.1 (3.4)	2.3 (3.7)	2.6 (3.8)	3.1 (4.2)	2.5 (3.8)
Hematopoietic (C81-C96)	5.2 (8.7)	5.8 (9.4)	6.5 (10.1)	6.1 (8.8)	6.6 (8.9)	6.1 (9.2)
All sites	59.5 (100.0)	62.0 (100.0)	64.1 (100.0)	69.6 (100.0)	74.3 (100.0)	66.1 (100.0)



PERU (2001-2005)  
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)	356	0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.6	1.0	1.1	2.3	3.5	5.5	10.5	0.5	0.7	0.1	14	C00-14
Oesophagus (C15)	531	0	.	0.0	0.0	.	0.0	.	0.1	0.0	0.3	0.4	0.7	1.8	2.0	5.4	9.7	24.0	0.8	1.1	0.1	11	C15
Stomach (C16)	6110	0	0.1	0.0	0.0	0.2	0.5	1.2	1.7	3.1	5.1	8.3	14.7	21.1	40.2	58.7	101.9	207.4	9.1	12.4	1.3	1	C16
Colon (C18)	1283	0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.7	2.9	3.6	8.5	10.7	21.5	48.9	1.9	2.6	0.3		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)	350	0	.	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.6	0.8	1.3	2.1	2.3	6.9	11.8	0.5	0.7	0.1		C19-21
Colon, rectum and anus (C18-21)	1633	0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.8	1.0	2.2	3.6	4.9	10.6	13.1	28.4	60.7	2.4	3.3	0.3		C18-21
Liver (C22)	2406	0	0.3	0.2	0.3	0.9	1.0	0.9	1.1	1.3	2.5	3.1	5.4	7.8	14.2	21.8	37.3	69.3	3.6	4.7	0.5	4	C22
Gallbladder (C23-24)	620	0	0.0	.	.	.	0.0	0.0	0.1	0.2	0.3	0.4	1.5	2.1	4.1	7.5	9.7	23.6	0.9	1.3	0.1	9	C23-24
Pancreas (C25)	1172	0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.8	1.5	2.9	4.1	7.9	12.5	23.1	37.5	1.7	2.4	0.3	7	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	23	C30-31
Larynx (C32)	302	0	0.0	.	.	.	0.0	0.1	0.1	0.0	0.1	0.2	0.5	1.0	2.0	2.2	5.4	13.2	0.4	0.6	0.1	15	C32
Lung, trachea and bronchus (C33-34)	3335	0	0.1	0.1	0.1	0.3	0.3	0.4	0.7	1.0	2.0	3.4	7.6	11.5	19.6	33.8	63.0	117.9	4.9	6.8	0.7	3	C33-34
Melanoma of skin (C43)	240	0	0.0	.	0.0	0.0	0.0	.	0.1	0.0	0.2	0.2	0.8	0.7	1.0	2.6	4.6	8.2	0.4	0.5	0.1	16	C43
Mesothelioma (C45)	52	0	.	.	.	.	.	0.0	0.0	0.0	.	0.2	0.3	0.2	0.3	0.6	1.0	0.8	0.1	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)	4814	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.9	5.6	14.9	37.0	81.6	297.9	7.1	9.7	0.7	2	C61
Testis (C62)	237	0	0.0	.	0.0	0.1	0.3	0.5	0.4	0.5	0.3	0.3	0.4	0.4	0.4	0.3	1.7	5.9	0.4	0.4	0.0	17	C62
Kidney (C64)	594	0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.3	0.5	0.8	1.2	2.7	3.4	6.9	10.1	17.9	0.9	1.2	0.1	10	C64
Bladder (C67)	378	0	.	0.0	.	0.0	.	0.0	0.1	0.1	0.1	0.4	0.5	1.2	2.2	3.2	6.0	17.7	0.6	0.8	0.1	13	C67
Brain, CNS (C70-72)	1231	0	0.4	0.7	0.5	0.5	0.8	0.9	1.2	1.6	1.8	2.9	3.5	5.1	5.5	8.9	11.0	17.0	1.8	2.2	0.2	8	C70-72
Thyroid (C73)	135	0	.	0.0	.	.	.	0.1	0.0	0.1	0.1	0.2	0.4	0.8	0.9	1.6	2.2	3.3	0.2	0.3	0.0	19	C73
Hodgkin disease (C81)	174	0	.	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.3	0.6	1.1	1.9	1.7	3.4	0.3	0.3	0.0	18	C81
Non-Hodgkin lymphoma (C82-85,C96)	1426	0	0.2	0.3	0.4	0.4	0.4	0.8	1.1	1.2	1.8	2.3	3.4	5.7	7.7	12.7	18.3	34.1	2.1	2.7	0.3	6	C82-85,C96
Multiple myeloma (C88+C90)	419	0	.	.	0.0	.	.	0.0	0.0	0.1	0.3	0.6	1.1	1.7	3.5	4.1	8.0	13.1	0.6	0.9	0.1	12	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)	1766	0	1.5	2.0	1.9	2.3	1.9	1.4	1.3	1.9	2.0	2.9	2.7	4.0	5.3	8.4	11.0	23.1	2.6	2.9	0.3	5	C91-95
All cancers but lung (C00-97/C33-34)	29789	0	3.7	4.1	3.9	6.3	7.1	8.3	10.8	15.4	23.1	35.2	59.8	89.7	155.8	253.9	454.7	1053.7	44.2	58.7	5.7		C00-97/C33-34
All sites (ALL)	33124	0	3.7	4.3	4.0	6.6	7.5	8.8	11.5	16.4	25.1	38.7	67.4	101.1	175.4	287.8	517.6	1171.7	49.1	65.5	6.4		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

PERU (2001-2005)  
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)	334	0	0.0	.	.	.	0.1	0.1	0.1	0.2	0.6	0.8	1.1	1.0	2.1	2.4	2.8	8.1	0.5	0.6	0.1	15	C00-14
Oesophagus (C15)	209	0	.	0.0	0.0	0.0	0.0	.	0.0	0.1	0.2	0.4	0.8	0.6	1.5	1.6	2.0	5.6	0.3	0.4	0.0	18	C15
Stomach (C16)	6061	0	0.1	0.0	0.1	0.1	0.4	1.0	2.2	3.7	5.4	8.7	13.8	19.6	31.0	45.3	79.7	176.5	9.0	10.5	1.1	1	C16
Colon (C18)	1638	0	0.0	0.0	0.1	0.0	0.1	0.3	0.4	0.7	1.0	2.2	3.7	5.9	8.6	13.4	20.8	49.3	2.4	2.9	0.3		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)	331	0	0.0	.	0.0	.	0.0	0.1	0.1	0.1	0.2	0.4	0.8	1.3	1.5	3.2	4.3	9.7	0.5	0.6	0.1		C19-21
Colon, rectum and anus (C18-21)	1969	0	0.0	0.0	0.1	0.0	0.1	0.3	0.4	0.8	1.2	2.6	4.5	7.2	10.1	16.6	25.1	59.0	2.9	3.4	0.3		C18-21
Liver (C22)	2854	0	0.2	0.1	0.2	0.4	0.5	0.5	1.0	1.2	2.0	3.7	7.7	11.3	16.7	26.6	37.9	68.9	4.3	5.1	0.6	4	C22
Gallbladder (C23-24)	1373	0	0.0	0.0	0.0	.	0.0	0.1	0.1	0.2	0.8	1.8	4.1	6.6	9.8	15.3	19.8	31.1	2.0	2.5	0.3	7	C23-24
Pancreas (C25)	1322	0	.	0.0	.	0.0	0.1	0.1	0.2	0.4	0.8	1.7	3.3	5.2	8.7	11.6	18.8	36.1	2.0	2.4	0.3	8	C25
Nose, sinuses (C30-31)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C30-31
Larynx (C32)	86	0	.	.	.	.	0.1	0.0	.	.	0.1	0.2	0.1	0.2	0.5	1.0	1.4	1.9	0.1	0.2	0.0	21	C32
Lung, trachea and bronchus (C33-34)	2650	0	0.1	0.1	0.1	0.2	0.3	0.3	0.8	1.0	2.5	4.3	7.7	10.1	14.4	24.1	33.2	67.3	4.0	4.7	0.5	5	C33-34
Melanoma of skin (C43)	190	0	.	.	.	0.0	0.0	.	0.1	0.1	0.1	0.3	0.6	0.9	0.8	1.4	1.6	6.0	0.3	0.3	0.0	19	C43
Mesothelioma (C45)	37	0	.	.	.	.	.	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.6	0.1	0.1	0.0	22	C45
Kaposi sarcoma (C46)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	24	C46
Breast (C50)	3305	0	.	.	0.0	0.0	0.1	0.3	2.0	4.3	8.1	12.7	16.4	20.0	18.9	21.0	23.5	42.0	4.9	6.0	0.6	3	C50
Cervix uteri (C53)	5224	0	0.0	0.0	.	0.1	0.3	1.3	3.6	7.0	12.5	19.5	24.6	28.0	30.2	34.6	38.9	67.0	7.8	9.4	1.0	2	C53
Corpus uteri (C54)	538	0	.	.	.	0.0	.	0.1	0.1	0.2	0.4	1.0	2.3	3.5	3.8	4.6	6.2	10.5	0.8	1.0	0.1	12	C54
Ovary (C56)	1091	0	.	0.0	0.1	0.1	0.3	0.3	0.4	1.0	2.0	3.4	4.8	6.1	7.0	7.4	10.9	14.6	1.6	2.0	0.2	9	C56
Kidney (C64)	395	0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.9	1.1	1.2	1.6	4.1	5.4	9.0	0.6	0.7	0.1	13	C64
Bladder (C67)	264	0	0.0	0.0	0.0	.	.	.	0.0	0.0	0.1	0.3	0.2	0.8	0.9	1.6	3.6	10.7	0.4	0.4	0.0	17	C67
Brain, CNS (C70-72)	1067	0	0.4	0.5	0.7	0.4	0.5	1.0	0.9	1.2	1.2	2.4	2.6	3.7	6.2	6.6	9.6	12.5	1.6	1.8	0.2	11	C70-72
Thyroid (C73)	376	0	.	.	.	.	0.0	0.0	0.1	0.1	0.5	0.5	1.3	1.7	2.4	3.6	4.0	9.2	0.6	0.7	0.1	14	C73
Hodgkin disease (C81)	124	0	.	0.0	.	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	1.6	1.1	2.5	0.2	0.2	0.0	20	C81
Non-Hodgkin lymphoma (C82-85,C96)	1123	0	0.1	0.2	0.2	0.4	0.3	0.6	0.8	1.1	1.4	1.8	3.2	3.5	5.9	11.0	13.0	19.5	1.7	2.0	0.2	10	C82-85,C96
Multiple myeloma (C88+C90)	298	0	.	.	0.0	.	.	.	.	0.1	0.2	0.7	0.8	1.0	2.1	3.4	4.6	6.8	0.4	0.5	0.1	16	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)	1627	0	1.5	1.3	1.7	2.0	1.4	1.2	1.4	1.8	1.6	2.1	3.3	4.6	5.3	7.6	9.0	19.0	2.4	2.6	0.2	6	C91-95
All cancers but lung (C00-97/C33-34)	35735	0	3.3	2.9	3.7	5.1	5.9	8.5	16.6	28.1	46.3	76.4	113.9	148.6	197.2	269.7	381.5	754.1	53.3	63.0	6.5		C00-97/C33-34
All sites (ALL)	38385	0	3.3	3.0	3.8	5.3	6.2	8.8	17.4	29.2	48.8	80.8	121.6	158.7	211.6	293.9	414.7	821.3	57.2	67.7	7.0		ALL

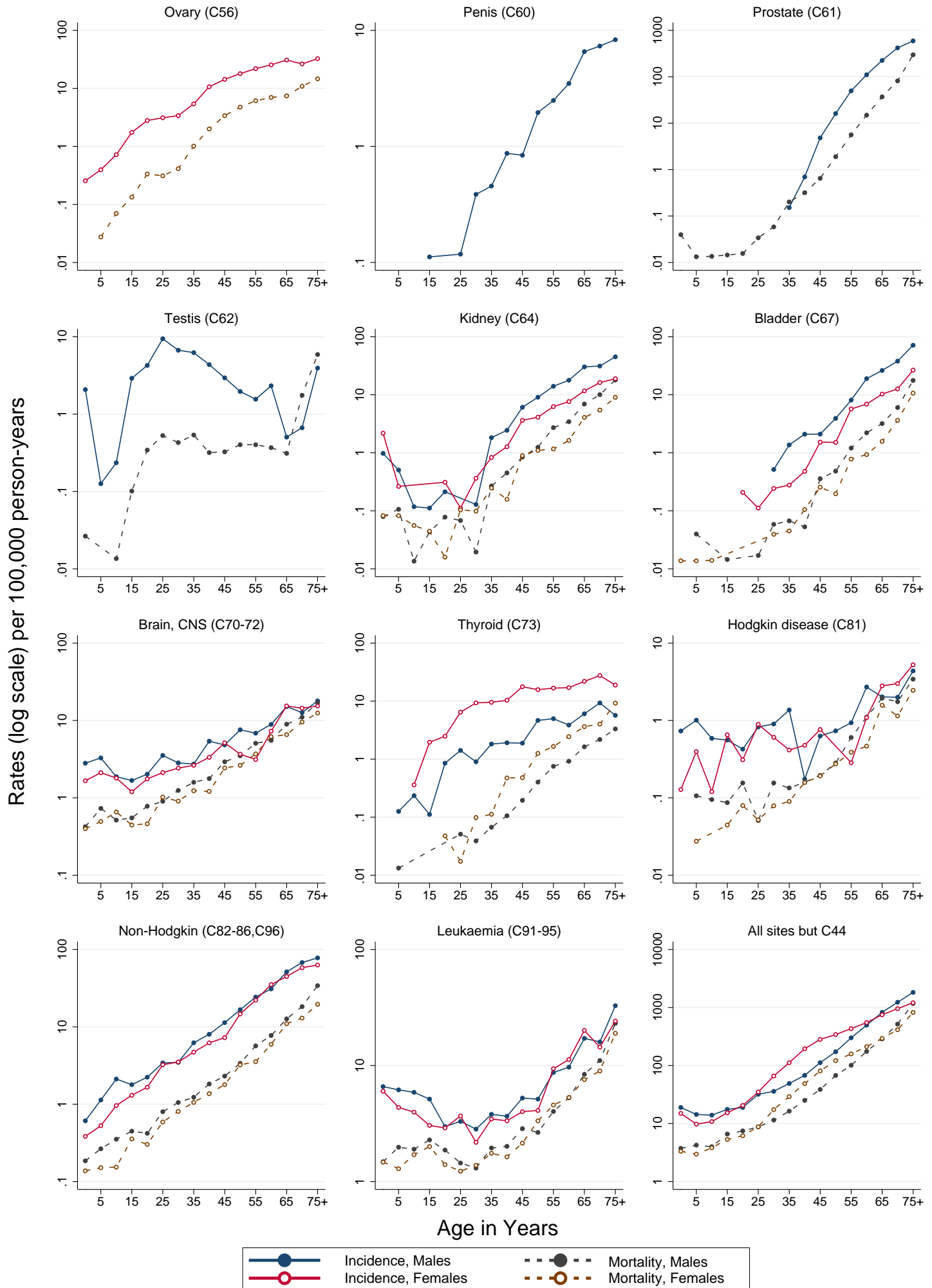
UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative

†Percent

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

# PERU (2001-2005)

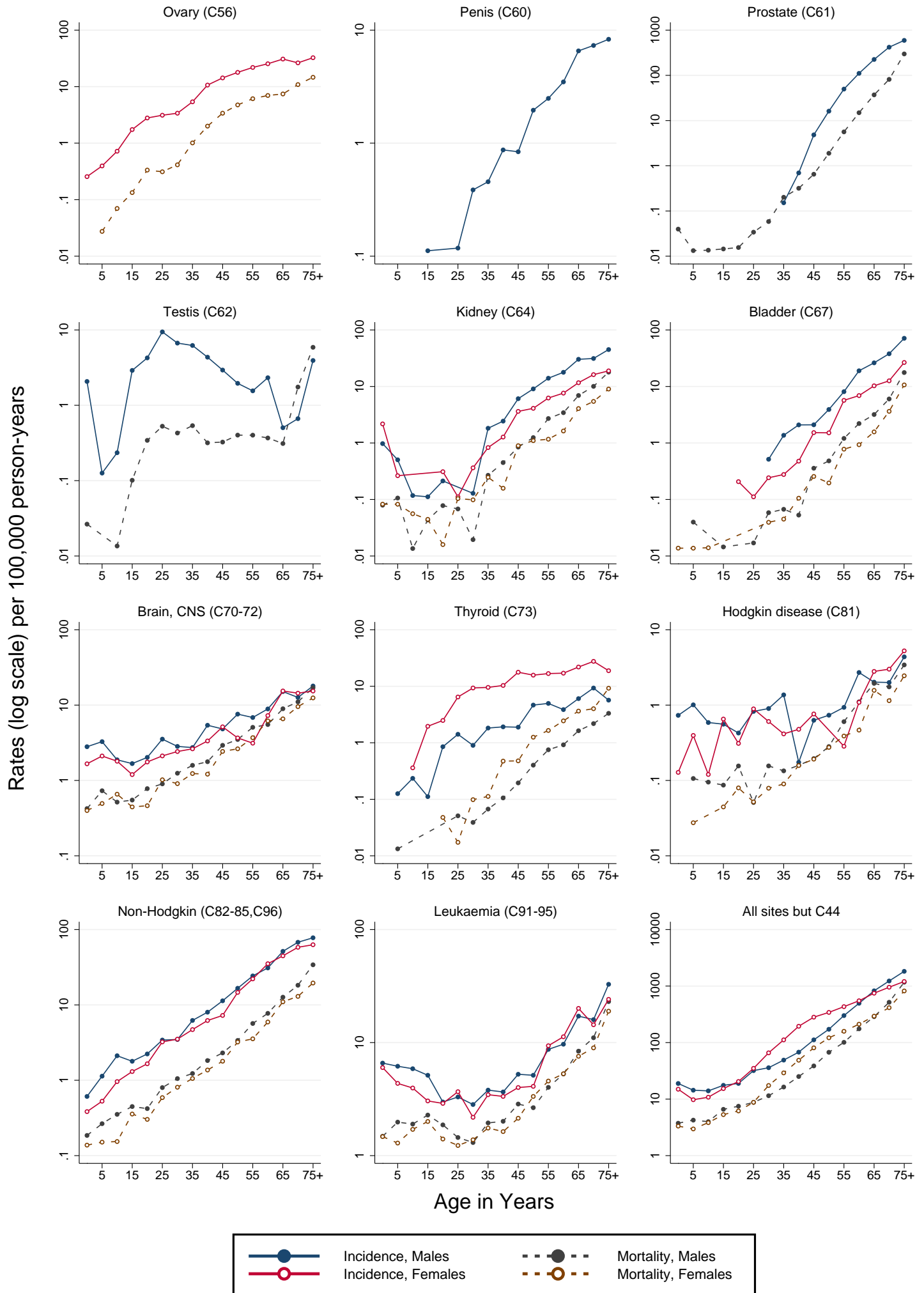
Age-specific incidence\* and mortality rates per 100,000 person-years



\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo

# PERU (2001-2005)

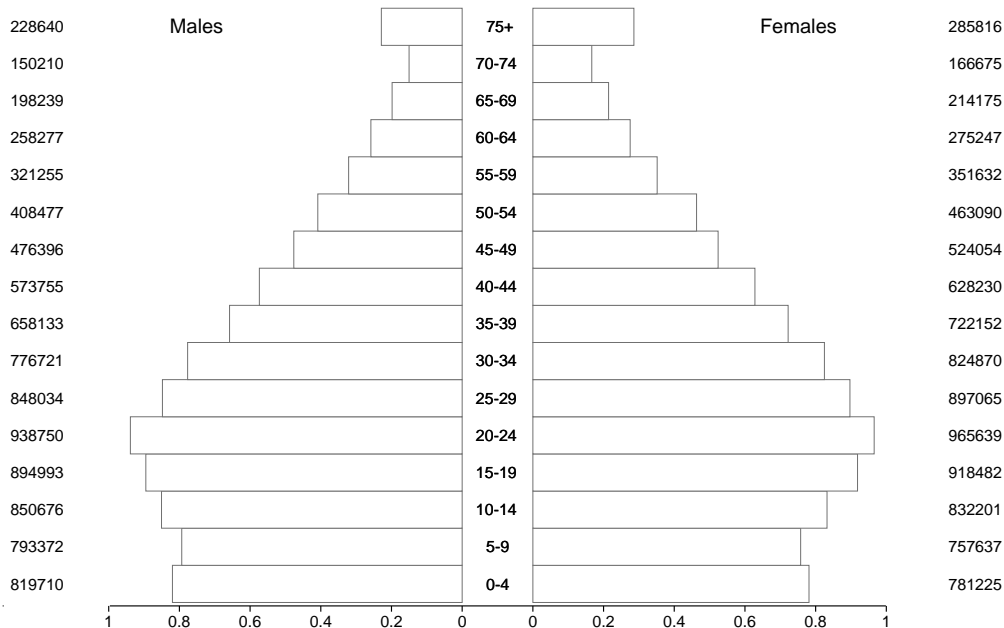
Age-specific incidence\* and mortality rates per 100,000 person-years



\*Aggregated data from the population-based cancer registries of Arequipa, Lima and Trujillo

# PERU\* (2001-2005)

Average annual person-years



\*Aggregated population from Arequipa, Lima and Trujillo