## **International Agency for Research on Cancer**



### Cancer in Central and South America

## **BELIZE**

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: (<a href="http://www.who.int/healthinfo/statistics/mortality\_rawdata/en/index.html">http://www.who.int/healthinfo/statistics/mortality\_rawdata/en/index.html</a>)

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: <a href="http://www-dep.iarc.fr/CSU">http://www-dep.iarc.fr/CSU</a> resources.htm accessed [date]."

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

BELIZE<sup>1,2</sup>

(2003-2007)

<sup>&</sup>lt;sup>1</sup> No incidence data available

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

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

			YEAR			
SITE	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	TOTAL n (%)
MALES						
Lip, oral cavity, and pharynx (C00-C14)	0 (0.0)	3 (4.3)	7 (7.1)	1 (1.2)	0 (0.0)	11 (2.7)
Digestive organs (C15-C26)	26 (41.3)	27 (39.1)	24 (24.5)	27 (31.8)	40 (43.5)	144 (35.4)
Respiratory organs (C30-C39)	11 (17.5)	10 (14.5)	18 (18.4)	14 (16.5)	15 (16.3)	68 (16.7)
Bone, cartilage, and skin (C40-C44)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.2)	0 (0.0)	1 (0.2)
Male genitalia (C60-C63)	14 (22.2)	20 (29.0)	34 (34.7)	28 (32.9)	25 (27.2)	121 (29.7)
Urinary organs (C64-C68)	0 (0.0)	2 (2.9)	0 (0.0)	1 (1.2)	1 (1.1)	4 (1.0)
Eye, brain, and thyroid (C69-C75)	1 (1.6)	0 (0.0)	2 (2.0)	5 (5.9)	4 (4.3)	12 (2.9)
Hematopoietic (C81-C96)	5 (7.9)	4 (5.8)	4 (4.1)	3 (3.5)	8 (8.7)	24 (5.9)
All sites	63 (100.0)	69 (100.0)	98 (100.0)	85 (100.0)	92 (100.0)	407 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.3)
Digestive organs (C15-C26)	15 (23.1)	37 (42.0)	18 (26.9)	25 (33.3)	32 (35.2)	127 (32.9)
Respiratory organs (C30-C39)	2 (3.1)	2 (2.3)	6 (9.0)	9 (12.0)	6 (6.6)	25 (6.5)
Bone, cartilage, and skin (C40-C44)	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.3)
Breast (C50)	7 (10.8)	5 (5.7)	11 (16.4)	8 (10.7)	8 (8.8)	39 (10.1)
Female genitalia (C51-C58)	22 (33.8)	28 (31.8)	16 (23.9)	15 (20.0)	21 (23.1)	102 (26.4)
Urinary organs (C64-C68)	0 (0.0)	2 (2.3)	5 (7.5)	0 (0.0)	4 (4.4)	11 (2.8)
Eye, brain, and thyroid (C69-C75)	5 (7.7)	3 (3.4)	0 (0.0)	1 (1.3)	4 (4.4)	13 (3.4)
Hematopoietic (C81-C96)	5 (7.7)	6 (6.8)	4 (6.0)	5 (6.7)	5 (5.5)	25 (6.5)
All sites	65 (100.0)	88 (100.0)	67 (100.0)	75 (100.0)	91 (100.0)	386 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	0 (0.0)	4 (2.5)	7 (4.2)	1 (0.6)	0 (0.0)	12 (1.5)
Digestive organs (C15-C26)	41 (32.0)	64 (40.8)	42 (25.5)	52 (32.5)	72 (39.3)	271 (34.2)
Respiratory organs (C30-C39)	13 (10.2)	12 (7.6)	24 (14.5)	23 (14.4)	21 (11.5)	93 (11.7)
Bone, cartilage, and skin (C40-C44)	0 (0.0)	1 (0.6)	0 (0.0)	1 (0.6)	0 (0.0)	2 (0.3)
Urinary organs (C64-C68)	0 (0.0)	4 (2.5)	5 (3.0)	1 (0.6)	5 (2.7)	15 (1.9)
Eye, brain, and thyroid (C69-C75)	6 (4.7)	3 (1.9)	2 (1.2)	6 (3.8)	8 (4.4)	25 (3.2)
Hematopoietic (C81-C96)	10 (7.8)	10 (6.4)	8 (4.8)	8 (5.0)	13 (7.1)	49 (6.2)
All sites	128 (100.0)	157 (100.0)	165 (100.0)	160 (100.0)	183 (100.0)	793 (100.0)

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

			YEAR			
SITE	2003 ASMR (%)	2004 ASMR (%)	2005 ASMR (%)	2006 ASMR (%)	2007 ASMR (%)	TOTAL ASMR (%)
MALES						
Lip, oral cavity, and pharynx (C00-C14)	0.0 (0.0)	2.8 (3.3)	8.5 (7.1)	1.3 (1.2)	0.0 (0.0)	2.5 (2.5)
Digestive organs (C15-C26)	35.3 (40.2)	34.2 (41.1)	31.5 (26.5)	35.9 (34.2)	45.9 (42.7)	37.0 (36.6)
Respiratory organs (C30-C39)	17.2 (19.6)	12.3 (14.8)	20.7 (17.4)	19.1 (18.2)	19.0 (17.7)	17.8 (17.6)
Bone, cartilage, and skin (C40-C44)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	1.9 (1.8)	0.0 (0.0)	0.4 (0.4)
Male genitalia (C60-C63)	18.2 (20.7)	23.9 (28.8)	40.5 (34.1)	31.5 (30.1)	29.7 (27.6)	28.9 (28.6)
Urinary organs (C64-C68)	0.0 (0.0)	2.8 (3.4)	0.0 (0.0)	1.9 (1.8)	1.7 (1.5)	1.3 (1.2)
Eye, brain, and thyroid (C69-C75)	1.7 (1.9)	0.0 (0.0)	2.3 (1.9)	4.5 (4.3)	4.2 (3.9)	2.6 (2.6)
Hematopoietic (C81-C96)	6.6 (7.5)	4.2 (5.1)	3.9 (3.3)	2.8 (2.6)	9.3 (8.6)	5.4 (5.3)
All sites	87.8 (100.0)	83.1 (100.0)	118.7 (100.0)	104.9 (100.0)	107.7 (100.0)	101.0 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.0 (0.0)	1.6 (1.7)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.3 (0.4)
Digestive organs (C15-C26)	17.5 (22.8)	39.3 (40.9)	20.6 (26.2)	27.0 (34.1)	34.4 (35.9)	27.8 (32.5)
Respiratory organs (C30-C39)	2.8 (3.6)	2.5 (2.6)	7.9 (10.1)	12.4 (15.7)	6.8 (7.1)	6.6 (7.7)
Bone, cartilage, and skin (C40-C44)	0.0 (0.0)	1.4 (1.4)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.3 (0.3)
Breast (C50)	8.6 (11.2)	6.6 (6.9)	14.4 (18.4)	10.2 (12.9)	6.6 (6.8)	9.3 (10.9)
Female genitalia (C51-C58)	24.8 (32.4)	31.9 (33.2)	17.1 (21.7)	14.3 (18.0)	22.4 (23.3)	22.0 (25.7)
Urinary organs (C64-C68)	0.0 (0.0)	3.0 (3.1)	6.3 (8.0)	0.0 (0.0)	4.9 (5.1)	2.9 (3.4)
Eye, brain, and thyroid (C69-C75)	5.2 (6.8)	2.1 (2.1)	0.0 (0.0)	1.6 (2.0)	3.3 (3.4)	2.4 (2.8)
Hematopoietic (C81-C96)	6.4 (8.3)	4.9 (5.1)	3.4 (4.3)	3.5 (4.4)	4.4 (4.6)	4.5 (5.3)
All sites	76.6 (100.0)	96.1 (100.0)	78.5 (100.0)	79.3 (100.0)	96.0 (100.0)	85.5 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	0.0 (0.0)	2.1 (2.4)	4.2 (4.3)	0.6 (0.7)	0.0 (0.0)	1.4 (1.5)
Digestive organs (C15-C26)	26.1 (31.8)	37.0 (41.5)	25.6 (26.5)	31.4 (34.3)	39.9 (39.5)	32.2 (34.9)
Respiratory organs (C30-C39)	9.9 (12.1)	7.2 (8.0)	13.8 (14.3)	15.7 (17.2)	12.6 (12.5)	12.0 (12.9)
Bone, cartilage, and skin (C40-C44)	0.0 (0.0)	0.7 (0.8)	0.0 (0.0)	0.9 (1.0)	0.0 (0.0)	0.3 (0.4)
Urinary organs (C64-C68)	0.0 (0.0)	2.9 (3.3)	3.2 (3.3)	0.9 (1.0)	3.3 (3.3)	2.1 (2.3)
Eye, brain, and thyroid (C69-C75)	3.5 (4.3)	1.1 (1.2)	1.1 (1.2)	3.0 (3.3)	3.7 (3.7)	2.5 (2.7)
Hematopoietic (C81-C96)	6.5 (7.9)	4.5 (5.1)	3.6 (3.7)	3.2 (3.5)	6.8 (6.7)	4.9 (5.3)
All sites	82.0 (100.0)	89.2 (100.0)	96.9 (100.0)	91.4 (100.0)	101.0 (100.0)	92.5 (100.0)

# BELIZE (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	25-29 30	30-34 35	35-39 4	40-44 4	45-49	50-54	55-59	99-09	2 69-99	70-74	75+ CF	CRUDE A RATE	ASMR (W)	CUM. RATE R (0-74)†	Rank‡ I	ICD10
Lip, oral cavity, & pharynx (C00-14)	£	0							2.0	2.3	2.7	3.6	5.4	7.1	9.7			9.6	9.1	2.5	0.2	6	C00-14
Oesophagus (C15)	=	0	٠				·					3.6					69.4	19.7	1.6	3.0	0.5	5	215
Stomach (C16)	38	0									5.4	7.2	10.8	7.1	29.0	87.8		1.8	5.5	8.6	1.2	ю	216
Colon (C18)	21	0	٠				·		4.0		2.7		5.4		29.0		69.4	59.2	3.0	5.4	0.7		218
Rectum (C19-C20)	0	0																	0.0	0.0	0.0	Ū	C19-C20
Colorectal (C18-20)	0	0																	0.0	0.0	0.0	22 (	C18-20
Rectum and anus (C19-21)	_	0																6.6	0.1	0.2	0.0	Ū	C19-21
Colon, rectum and anus (C18-21)	22	0	٠				·		4.0		2.7		5.4		29.0	32.9	69.4 (	69.1	3.2	9.6	0.7		C18-21
Liver (C22)	38	0					1.4		2.0			14.4	10.8	14.3	58.1			8.3	5.5	8.6	1.1	4	522
Gallbladder (C23-24)	_	0	٠															6.6	0.1	0.2	0.0	18	523-24
Pancreas (C25)	#	0								2.3			16.2			11.0	41.6	29.6	1.6	2.7	0.4	9	325
Nose, sinuses (C30-31)	0	0	٠																0.0	0:0	0.0	22 (	230-31
Larynx (C32)	80	0									2.7	3.6		21.4				9.6	1.2	1.8	0.1	10	332
Lung, trachea and bronchus (C33-34)	09	0									2.7	3.6	32.4	35.7	58.1	120.7	111.0 21	217.0	8.7	15.9	1.8	2	333-34
Melanoma of skin (C43)	_	0													9.7				0.1	0.4	0.0	15 (	243
Mesothelioma (C45)	က	0	٠				·									11.0	13.9	6.6	9.0	8.0	0.1		245
Kaposi sarcoma (C46)	0	0																	0.0	0:0	0.0		246
Breast (C50)	0	0																	0.0	0:0	0.0		250
Penis (C60)	0	0																	0.0	0:0	0.0		090
Prostate (C61)	121	0									2.7		5.4		4.77	153.7 2	277.5 75	7.69.7	17.5	28.9	5.6	-	261
Testis (C62)	0	0																	0.0	0:0	0.0		262
Kidney (C64)	က	0										3.6			9.7	11.0			4.0	6:0	0.1		264
Bladder (C67)	~	0														11.0			0.1	0.3	0.1		292
Brain, CNS (C70-72)	12	0	2.2	1.1				1.8	2.0			3.6		14.3		32.9		6.6	1.7	5.6	0.3	7	C70-72
Thyroid (C73)	0	0		•															0.0	0:0	0.0		573
Hodgkin disease (C81)	2	0						1.8										6.6	0.3	0.3	0.0		C81
Non-Hodgkin lymphoma (C82-85,C96)	7	0								2.3		3.6	5.4	7.1		11.0	13.9	6.6	1.0	1.7	0.2	_	C82-85, C96
Multiple myeloma (C88+C90)	က	0										3.6			9.7			6.6	9.4	8:0	0.1	4	C88+C90
Lymphoid leukaemia (C91)	0	0																	0.0	0:0	0.0	J	C91
Myeloid leukaemia (C92-94)	0	0	٠																0.0	0:0	0.0	J	C92-94
Leukaemia unspecified (C95)	0	0																	0.0	0:0	0.0	J	395
Leukaemia (C91-95)	12	0		1.1	1.2			3.6					5.4				13.9	39.5	1.7	2.5	0.2	∞	391-95
All cancers but lung (C00-97/C33-34)	347	0	4.5	3.4	1.2		5.9		10.1		19.0	57.4	81.1	128.7	271.0	515.9 7	`	1381.2	50.1	85.1	9.1	Ū	C00-97/C33-34
All sites (ALL)	407	0	4.5	3.4	1.2		2.9	7.3	10.1	13.8	21.7	0.19	113.5				`	1598.3	, 8.89	101.0	10.9	,	ALL

UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative †Percent ‡Rank based on highest ASMR excluding: All sites but lung and All sites

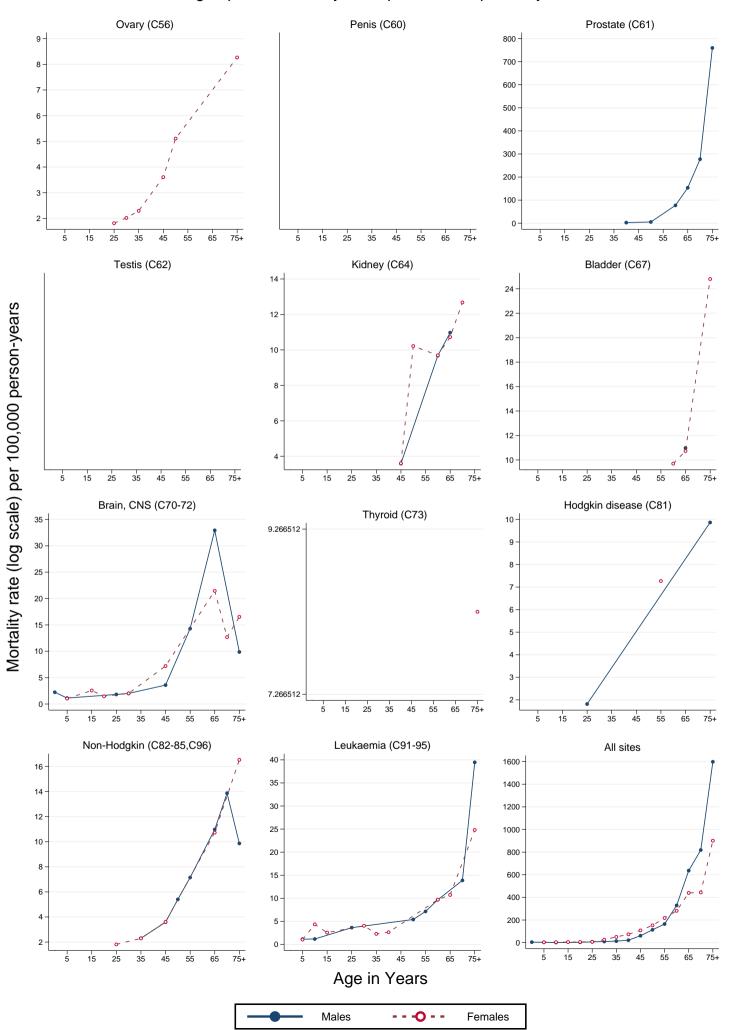
# BELIZE (2003-2007) Mortality per 100,000 by Age Group (years) Females

SITE	ALL DEATHS	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34 3	35-39	40-44	45-49	50-54	55-59	60-64	62-69	70-74	75+ CRI	CRUDE ASMR RATE (W)	(N) CUM. (0-74)†	I. E. Rank‡ T	: ICD10	10
Lip, oral cavity, & pharynx (C00-14)	_	0			·			-								10.7			0.1	3 0.	1 17		-14
Oesophagus (C15)	လ	0	٠	٠		٠								7.3				8.3	0.4	0.7 0.	_		
Stomach (C16)	59	0					1.5			2.3	5.3	3.6	15.3	14.5	19.4	10.7	38.0 10	107.5	4.1	6.1 0.	6 5		
Colon (C18)	13	0	٠			٠						3.6		7.3	9.7	10.7		67.9	1.8	2.9 0.3	8	C18	
Rectum (C19-C20)	0	0																	0.0	0.0 0.0	0	C19	-C20
Colorectal (C18-20)	0	0	٠	٠	٠		٠						٠		٠				0.0	0.0 0.0	0 24		C18-20
Rectum and anus (C19-21)	_	0																8.3		0.0	0	C19	-21
Colon, rectum and anus (C18-21)	4	0	٠				٠					3.6		7.3	9.7	10.7	25.4 6			3.0 0.3	8	C18	+21
Liver (C22)	36	0							2.0	4.6	13.2	21.6	10.2	14.5	9.7	42.9		1.99		.8 0.9			
Galibladder (C23-24)	10	0	٠			٠							10.2	14.5		10.7		41.3		2.2 0.2	2 9		-24
Pancreas (C25)	21	0				٠				2.3	7.9			14.5	19.4	21.5	50.7 5	67.9	2.9	4.8 0.6			
Nose, sinuses (C30-31)	0	0	٠	٠		٠														0.0 0.0			-31
Larynx (C32)	~	0							2.0											0.1 0.0	0 22		
Lung, trachea and bronchus (C33-34)	24	0								2.3			10.2	21.8	9.7	96.5	50.7 3	33.1		6.5 1.0			-34
Melanoma of skin (C43)	-	0											5.1							0.0			
Mesothelioma (C45)	_	0																8.3		0.0	0 21		
Kaposi sarcoma (C46)	0	0																		0.0 0.0			
Breast (C50)	39	0	٠			٠	1.5		2.0		10.6	10.8	15.3	29.1	48.5	32.2		82.7		1.1	1 2		
Cervix uteri (C53)	81	0					1.5	1.8	8.1	27.5	23.8	36.1	46.0	29.1	6.79	53.6	63.4 11			7.4 1.8		C53	
Corpus uteri (C54)	15	0	٠	٠		٠					5.6	3.6	15.3		9.7	32.2	7			3.6 0.4	4	, C54	
Ovary (C56)	9	0	٠			٠		1.8	2.0	2.3		3.6	5.1					8.3					
Kidney (C64)	9	0	٠	٠		٠						3.6	10.2		9.7	10.7	12.7			1.7 0.2			_
Bladder (C67)	5	0													9.7	10.7		24.8					
Brain, CNS (C70-72)	12	0	٠	1.0		5.6	1.5		2.0			7.2				21.5	12.7			2.2 0.2	2 10		-72
Thyroid (C73)	_	0																					
Hodgkin disease (C81)	-	0	٠											7.3						0.0			
Non-Hodgkin lymphoma (C82-85,C96)	9	0						1.8		2.3		3.6				10.7		16.5		1.2 0.1	1 13		C82-85,C96
Multiple myeloma (C88+C90)	2	0	٠										5.1			10.7				.6 0.1	1 16		C88+C90
Lymphoid leukaemia (C91)	0	0			-															0.0 0.0	0	C91	
Myeloid leukaemia (C92-94)	0	0																		0.0 0.0	0	C92-94	-94
Leukaemia unspecified (C95)	0	0																		0.0 0.0	0	C95	
Leukaemia (C91-95)	16	0		1.0	4.4	5.6			4.0	2.3	5.6				9.7	10.7		24.8	2.2	2.5 0.	2	8 C91-95	-95
All cancers but lung (C00-97/C33-34)	362	0		3.1	4.4	5.1	5.9	7.2	26.2	48.2	74.0	108.2	143.1	196.3	271.6		393.2 86		7	79.0 8.	_	000	C00-97/C33-34
All sites (ALL)	386	0		3.1	4.4	5.1	5.9	7.2	26.2	50.5	74.0	108.2	153.3	218.1	281.3	439.8	443.9 90	901.0	54.2 86	85.5 9.	_	ALL	

UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative †Percent ‡Rank based on highest ASMR excluding: All sites but lung and All sites

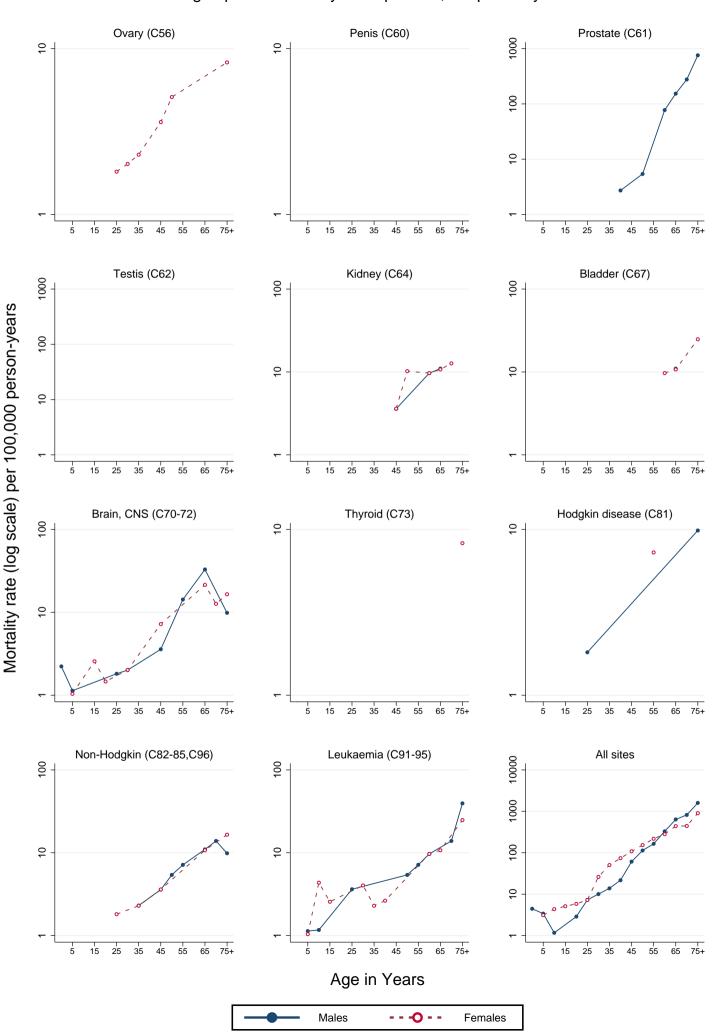
## BELIZE (2003-2007)

## Age-specific mortality rates per 100,000 person-years



## BELIZE (2003-2007)

## Age-specific mortality rates per 100,000 person-years



### BELIZE (2003-2007) Average annual person-years

## 75+

