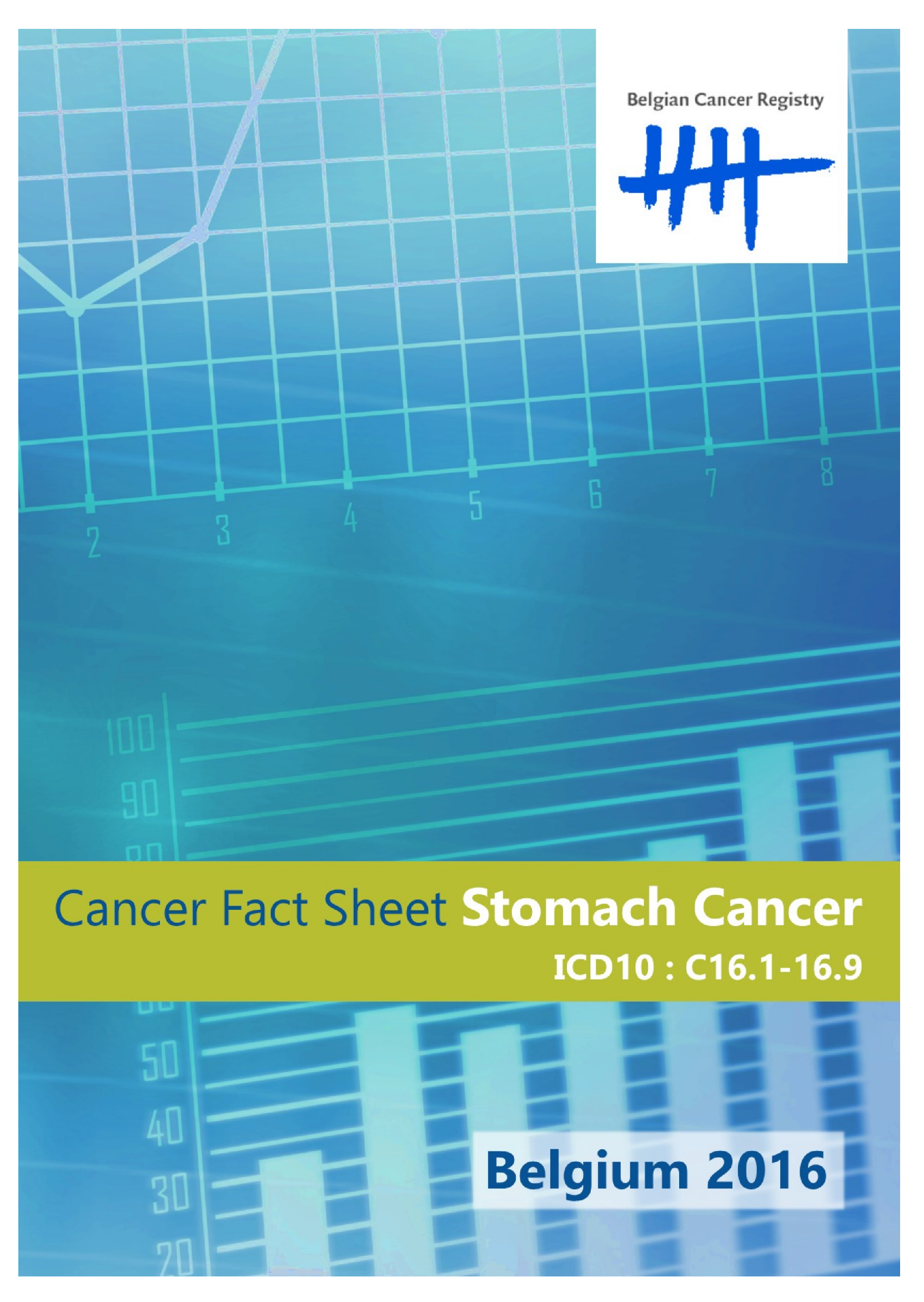


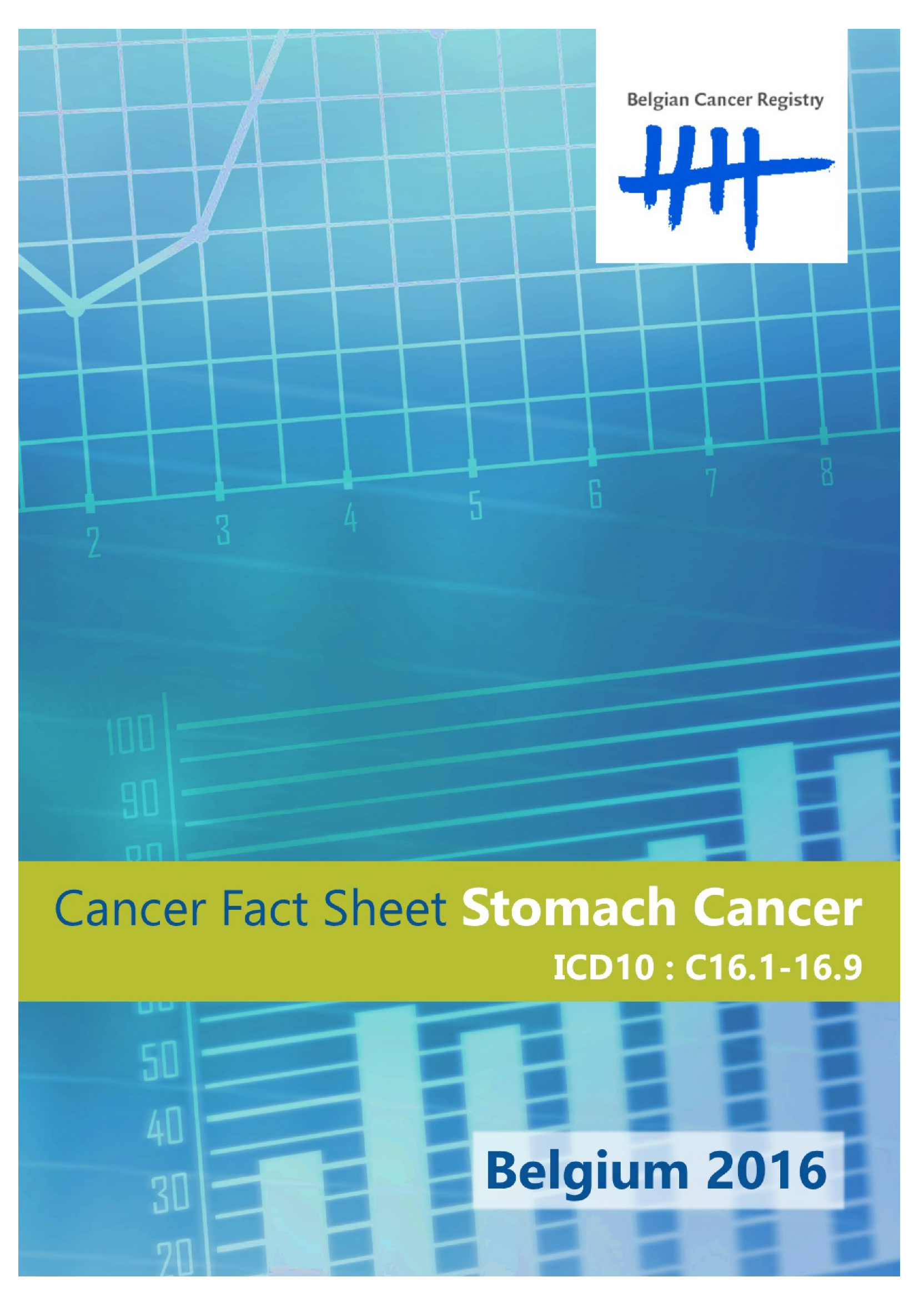


Belgian Cancer Registry



Cancer Fact Sheet **Stomach Cancer**

ICD10 : C16.1-16.9



Belgium 2016

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

Table 1: Stomach Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by sex and region, 2016

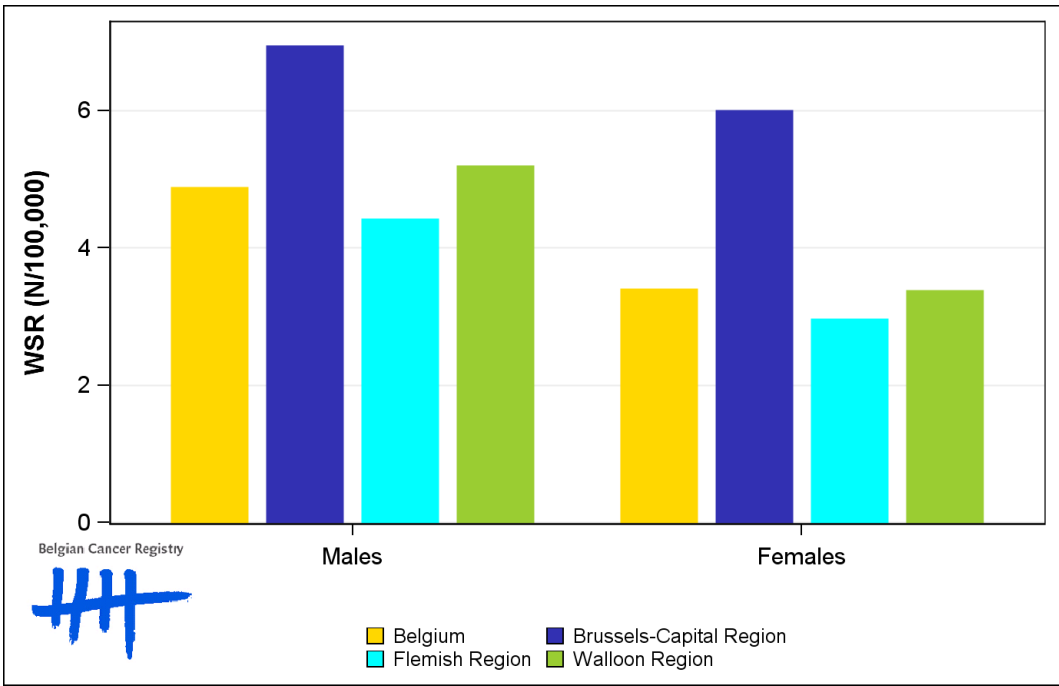
Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	69.8	556	10.0	7.3	4.9	0.54
Brussels-Capital Region	64.8	57	9.8	10.0	6.9	0.83
Flemish Region	71.3	319	10.0	6.7	4.4	0.49
Walloon Region	68.8	180	10.2	7.8	5.2	0.55

Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	71.0	454	7.9	4.9	3.4	0.38
Brussels-Capital Region	61.4	53	8.7	8.1	6.0	0.69
Flemish Region	73.2	259	7.9	4.4	3.0	0.32
Walloon Region	70.7	142	7.7	4.9	3.4	0.39

CR=Crude (all ages) Rate (N/100,000 person-years)
ESR=Age-Standardised Rate, using the European Standard Population (N/100,000 person-years)
WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
CRi=Cumulative Risk for 0-74 years (%)



Figure 1: Stomach Cancer: Age-standardised incidence rates by sex and region, 2016



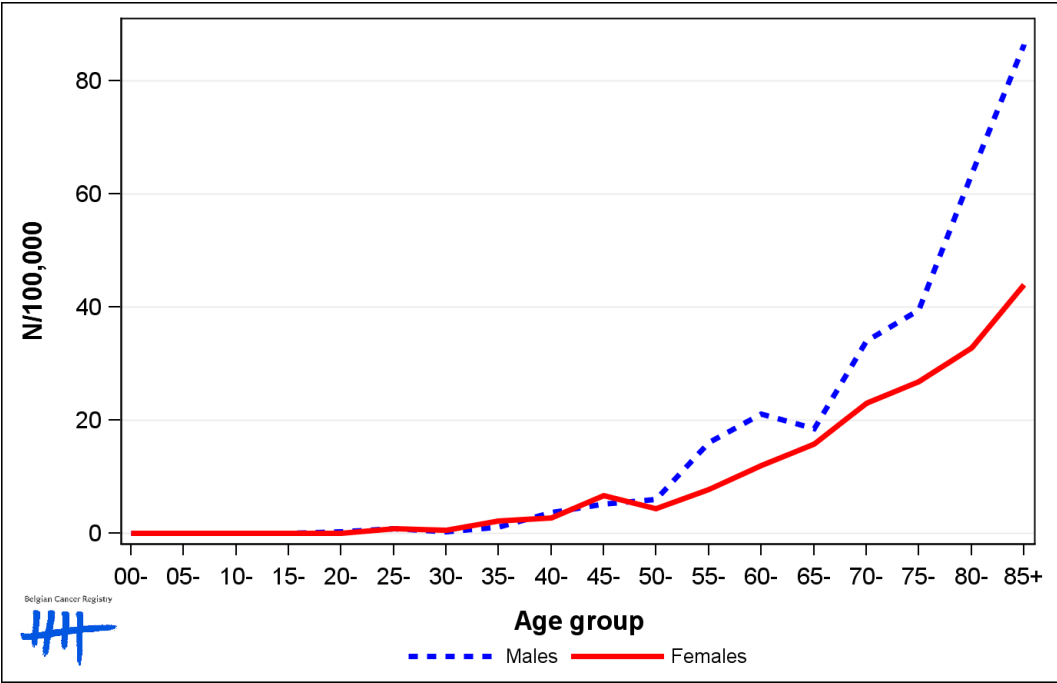
1.2. Age-specific incidence rates

Table 2: Stomach Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2016

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.0	0.0	0.0	0.0	0.3	0.8	0.3	1.1	3.7	5.2	6.1	16.0	21.1	18.6	34.1	39.4	63.5	86.5	10.0	7.3	4.9
Females	0.0	0.0	0.0	0.0	0.0	0.8	0.6	2.2	2.7	6.7	4.4	7.8	12.0	15.9	23.0	26.8	32.9	44.0	7.9	4.9	3.4

CR=Crude (all ages) Rate (N/100,000 person-years)
ESR=Age-Standardised Rate, using the European Standard Population (N/100,000 person-years)
WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)

Figure 2: Stomach Cancer: Age-specific incidence rates by sex, 2016



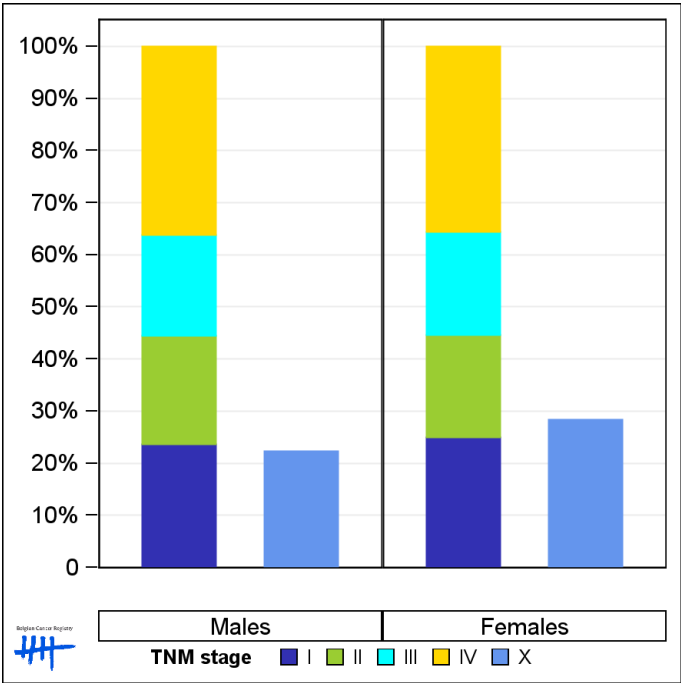
1.3. Combined stage

Table 3: Stomach Cancer: Distribution of combined stage by sex, Belgium 2016

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	81	71	66	124	98	116	556
%	14.6	12.8	11.9	22.3	17.6	20.9	100
Females							
N	63	50	50	90	100	101	454
%	13.9	11.0	11.0	19.8	22.0	22.2	100

Staging according to the TNM 7th edition (Ref:Sobin LH, Gospodarowicz MK, Wittekind Ch. TNM classification of malignant tumours, UICC 7th edition)
Combined TNM stage : compilation of pathological (pTNM) and clinical (cTNM) stage.
pTNM prevails over cTNM, except when cTNM stage is IV
Stage X: diagnoses with an unknown stage
Stage NA: diagnoses with a histological diagnosis where no stage can be evaluated (Not Applicable)

Figure 3: Stomach Cancer: Bar chart of known combined stage by sex, Belgium 2016



1.4. Trends in incidence

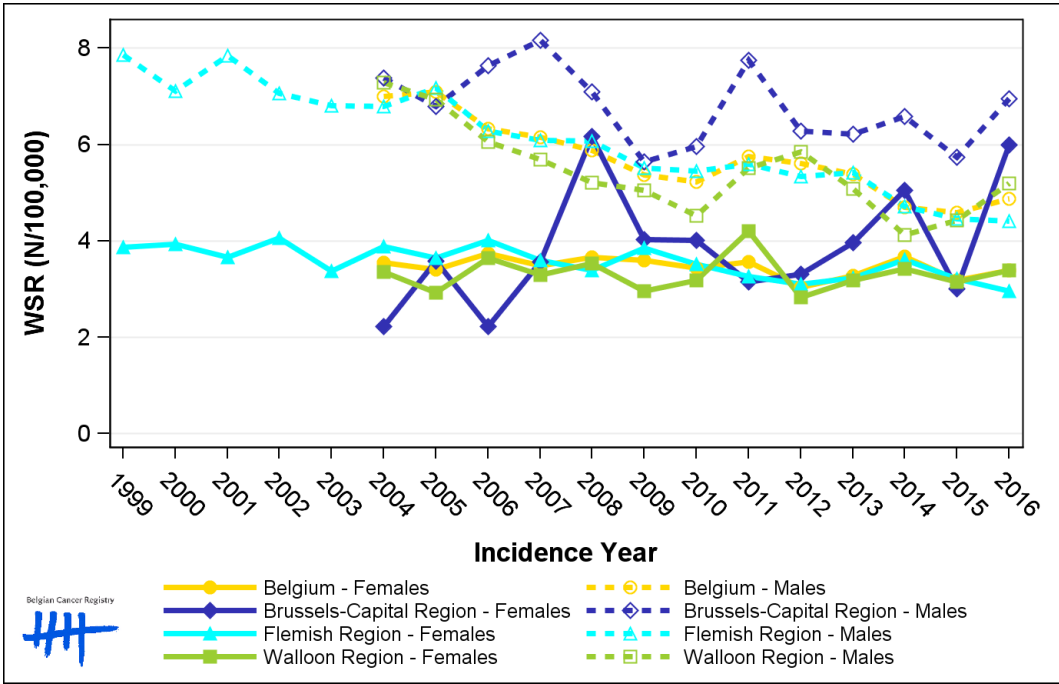
Table 4: Stomach Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	AAPC	95% CI
Belgium			7.0	7.1	6.3	6.2	5.9	5.4	5.2	5.7	5.6	5.4	4.7	4.6	4.9	-3.2	[-4.1; -2.3]
Brussels-Capital Region			7.4	6.8	7.6	8.2	7.1	5.6	6.0	7.8	6.3	6.2	6.6	5.7	6.9	-1.4	[-3.1; 0.4]
Flemish Region	7.1	6.8	6.8	7.2	6.3	6.1	6.1	5.5	5.5	5.6	5.3	5.4	4.7	4.5	4.4	-3.3	[-3.9; -2.8]
Walloon Region			7.3	6.9	6.1	5.7	5.2	5.0	4.5	5.5	5.8	5.1	4.1	4.4	5.2	-3.6	[-5.2; -2.0]

Females	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	AAPC	95% CI
Belgium			3.6	3.4	3.7	3.5	3.7	3.6	3.4	3.6	3.0	3.3	3.7	3.2	3.4	-0.7	[-1.6; 0.2]
Brussels-Capital Region			2.2	3.6	2.2	3.6	6.2	4.0	4.0	3.2	3.3	4.0	5.0	3.0	6.0	4.0	[-0.7; 9.0]
Flemish Region	4.1	3.4	3.9	3.6	4.0	3.6	3.4	3.9	3.5	3.3	3.1	3.2	3.6	3.2	3.0	-1.5	[-2.4; -0.6]
Walloon Region			3.4	2.9	3.6	3.3	3.5	3.0	3.2	4.2	2.8	3.2	3.4	3.1	3.4	-0.1	[-1.7; 1.7]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
AAPC = Average Annual Percentage Change over the 2004-2016 period (except for the Flemish region : 2002-2016).

Figure 4: Stomach Cancer: Age-standardised incidence rates (WSR) by incidence year, sex and region



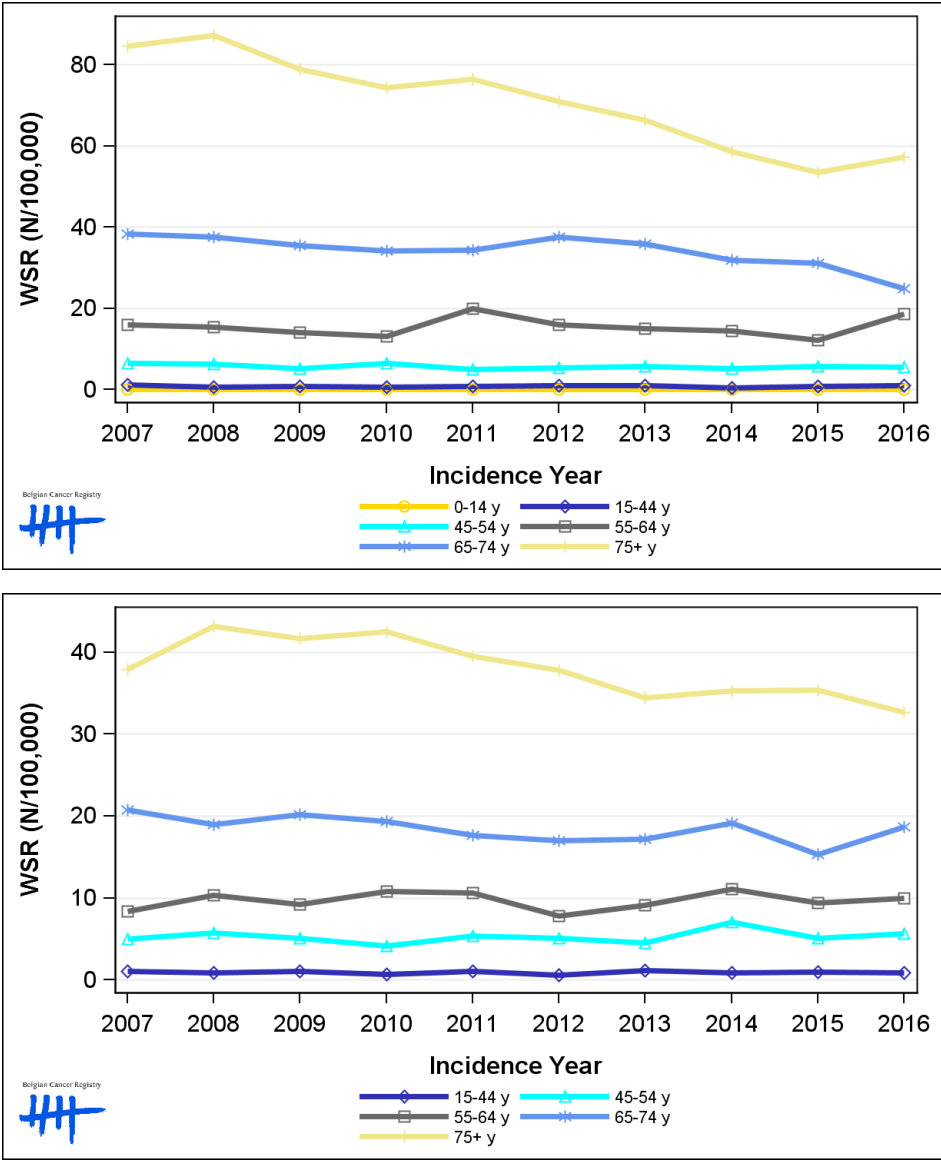
1.5. Incidence by broad age groups

Table 5: Stomach Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year by sex, Belgium

	N										WSR									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Males																				
All ages	621	611	573	563	628	611	588	533	521	556	6.2	5.9	5.4	5.2	5.7	5.6	5.4	4.7	4.6	4.9
0-14 y	1	1	0	0	0	0	1	0	0	0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
15-44 y	30	19	21	16	22	27	23	12	21	23	1.2	0.7	0.8	0.6	0.8	1.0	0.9	0.5	0.8	0.9
45-54 y	51	49	41	51	42	44	48	44	49	46	6.6	6.3	5.2	6.4	5.0	5.3	5.8	5.2	5.8	5.6
55-64 y	93	94	90	85	132	106	102	98	85	131	15.9	15.4	14.2	13.0	19.9	15.9	15.1	14.5	12.3	18.6
65-74 y	174	163	155	150	156	173	167	151	152	125	38.4	37.5	35.4	34.2	34.4	37.6	35.8	31.8	31.1	24.8
75+ y	272	285	266	261	276	261	247	228	214	231	84.6	87.2	78.9	74.4	76.4	70.8	66.4	58.6	53.4	57.2
Females																				
All ages	436	480	477	476	476	439	442	475	432	454	3.5	3.7	3.6	3.4	3.6	3.0	3.3	3.7	3.2	3.4
0-14 y	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-44 y	27	23	27	16	27	15	30	21	24	23	1.1	0.9	1.1	0.7	1.0	0.6	1.2	0.8	0.9	0.9
45-54 y	38	45	40	33	43	42	37	56	40	44	5.0	5.8	5.1	4.1	5.3	5.1	4.5	7.0	5.1	5.7
55-64 y	50	66	59	72	72	53	63	77	66	71	8.4	10.4	9.2	10.8	10.6	7.8	9.1	11.1	9.4	9.9
65-74 y	104	95	102	93	90	86	91	102	82	104	20.7	18.9	20.2	19.3	17.7	17.0	17.2	19.1	15.3	18.7
75+ y	217	251	249	262	244	243	221	219	220	212	37.9	43.1	41.6	42.5	39.5	37.8	34.4	35.2	35.4	32.6

N=Number of invasive tumours
WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)

Figure 5: Stomach Cancer: Age-standardised incidence rates (WSR) versus incidence year by broad age groups for males (top) and females (bottom), Belgium



2. Relative survival

Table 6: Stomach Cancer: 5-year relative survival proportion by sex, age group and region, Belgium 2012-2016

5-year relative survival 2012-2016 (%)						
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	2,774	40.0	[37.6, 42.6]	2,221	45.6	[42.9, 48.4]
Age group						
15-59 years	559	48.0	[43.0, 52.9]	461	64.0	[58.7, 69.0]
60-74 years	1,046	45.8	[42.0, 49.7]	650	52.1	[47.5, 56.7]
75+ years	1,169	30.5	[26.3, 35.0]	1,110	32.9	[28.8, 37.4]
Region						
Brussels-Capital Region	257	35.1	[27.4, 43.2]	218	47.1	[38.7, 55.4]
Flemish Region	1,722	37.4	[34.4, 40.5]	1,344	44.3	[40.8, 47.8]
Walloon Region	795	47.5	[42.6, 52.4]	659	48.0	[42.9, 53.1]

Figure 6: Stomach Cancer: relative survival proportion by sex, Belgium 2012-2016

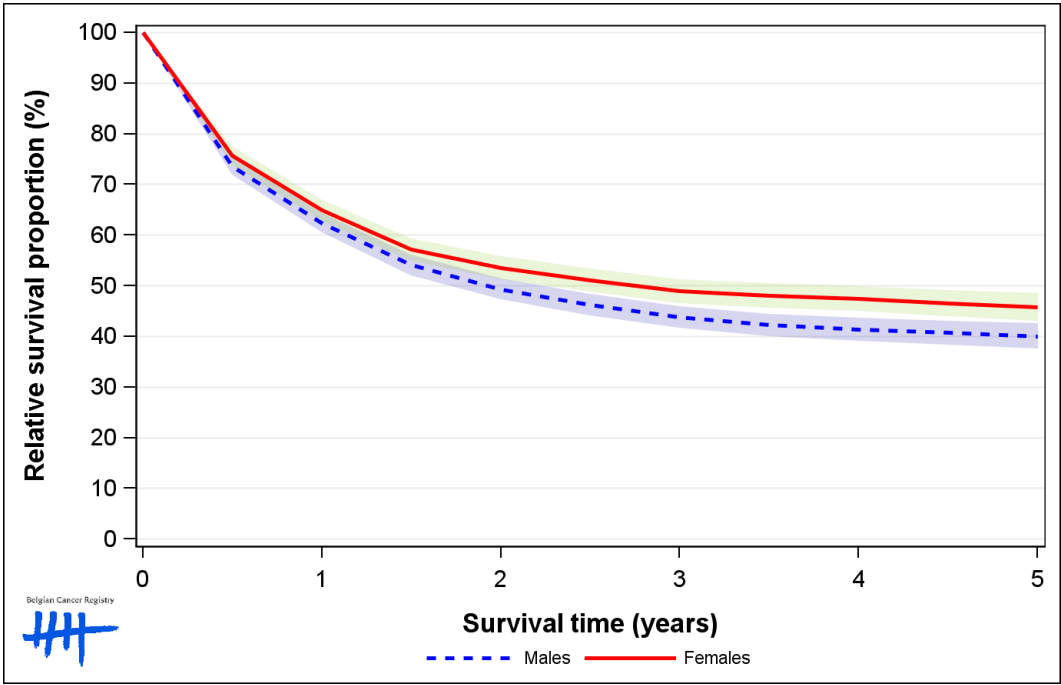


Figure 7: Stomach Cancer: relative survival proportion by age group in males, Belgium 2012-2016

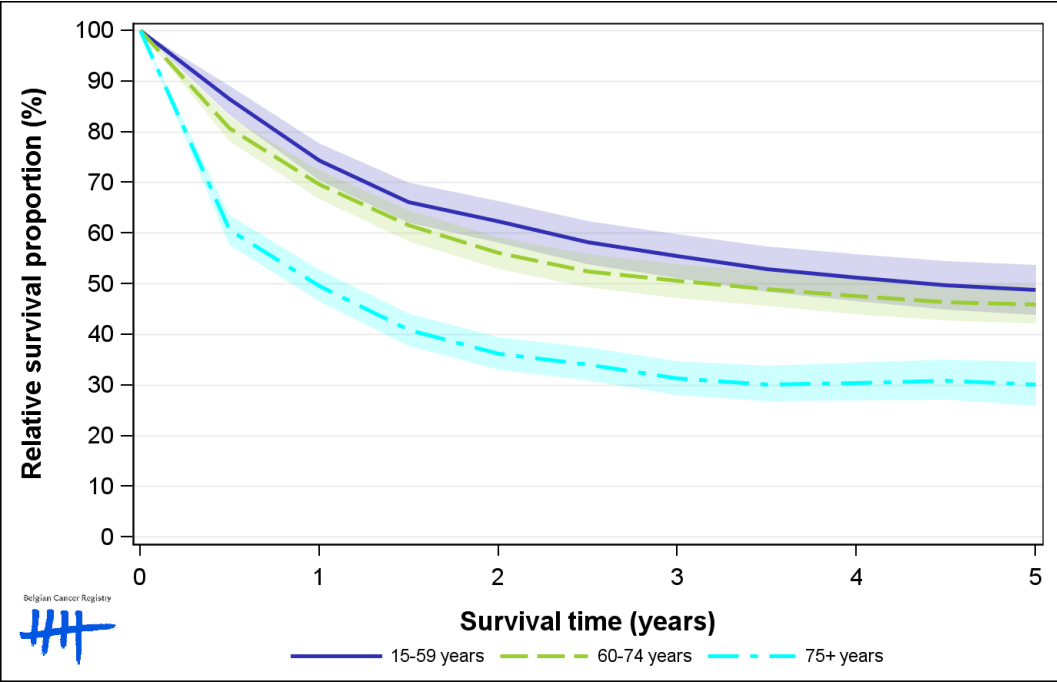


Figure 8: Stomach Cancer: relative survival proportion by age group in females, Belgium 2012-2016

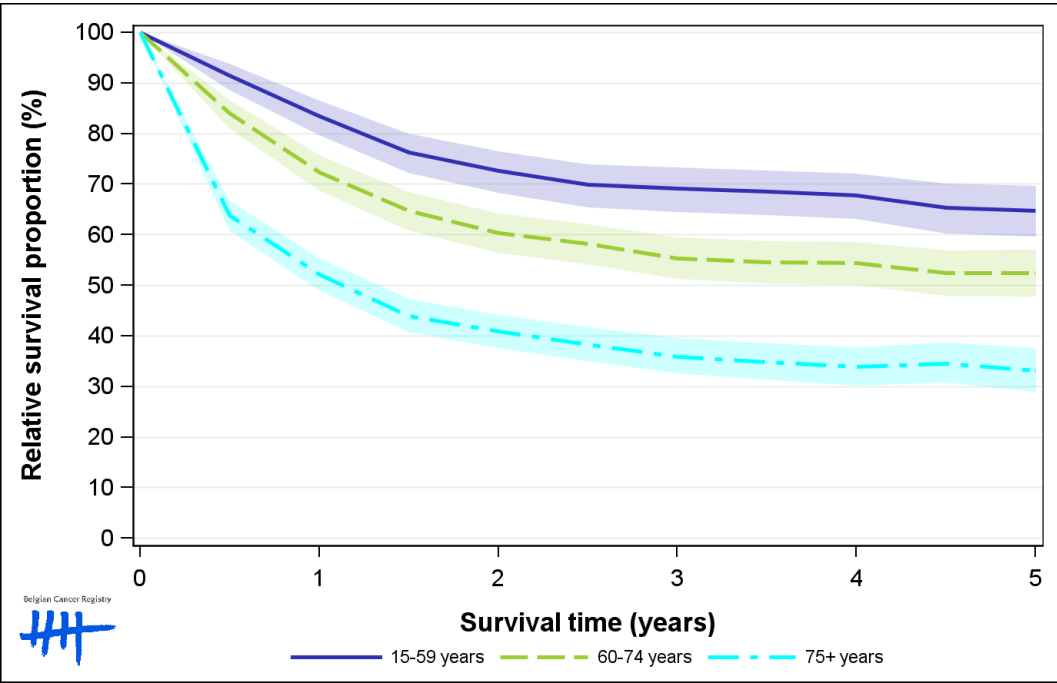


Figure 9: Stomach Cancer: relative survival proportion by region in males, Belgium 2012-2016

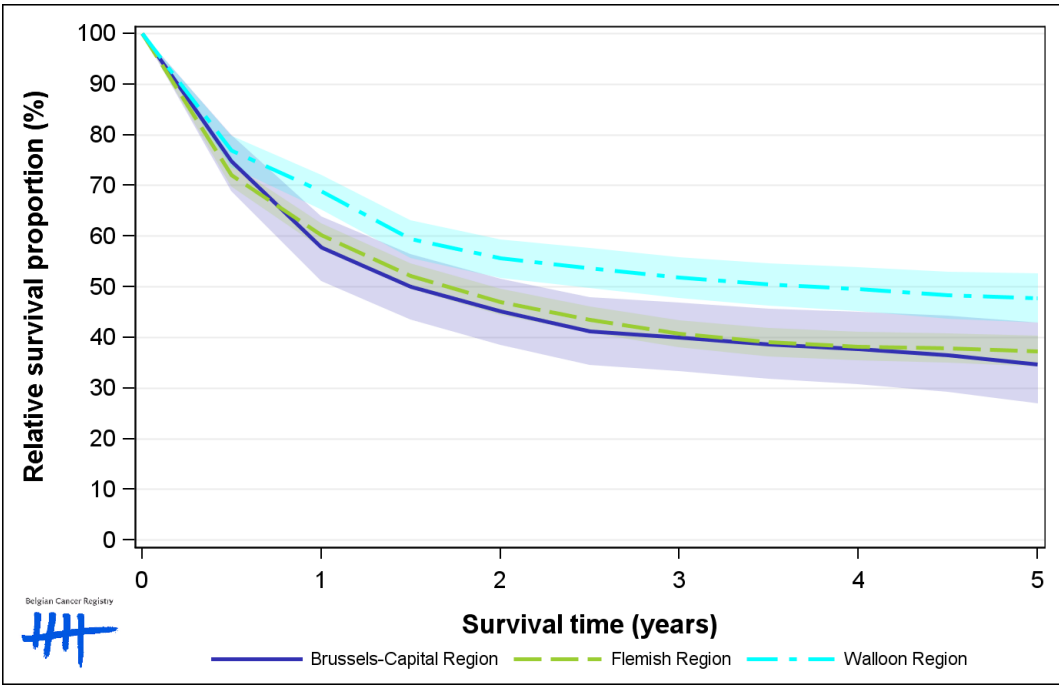


Figure 10: Stomach Cancer: relative survival proportion by region in females, Belgium 2012-2016

