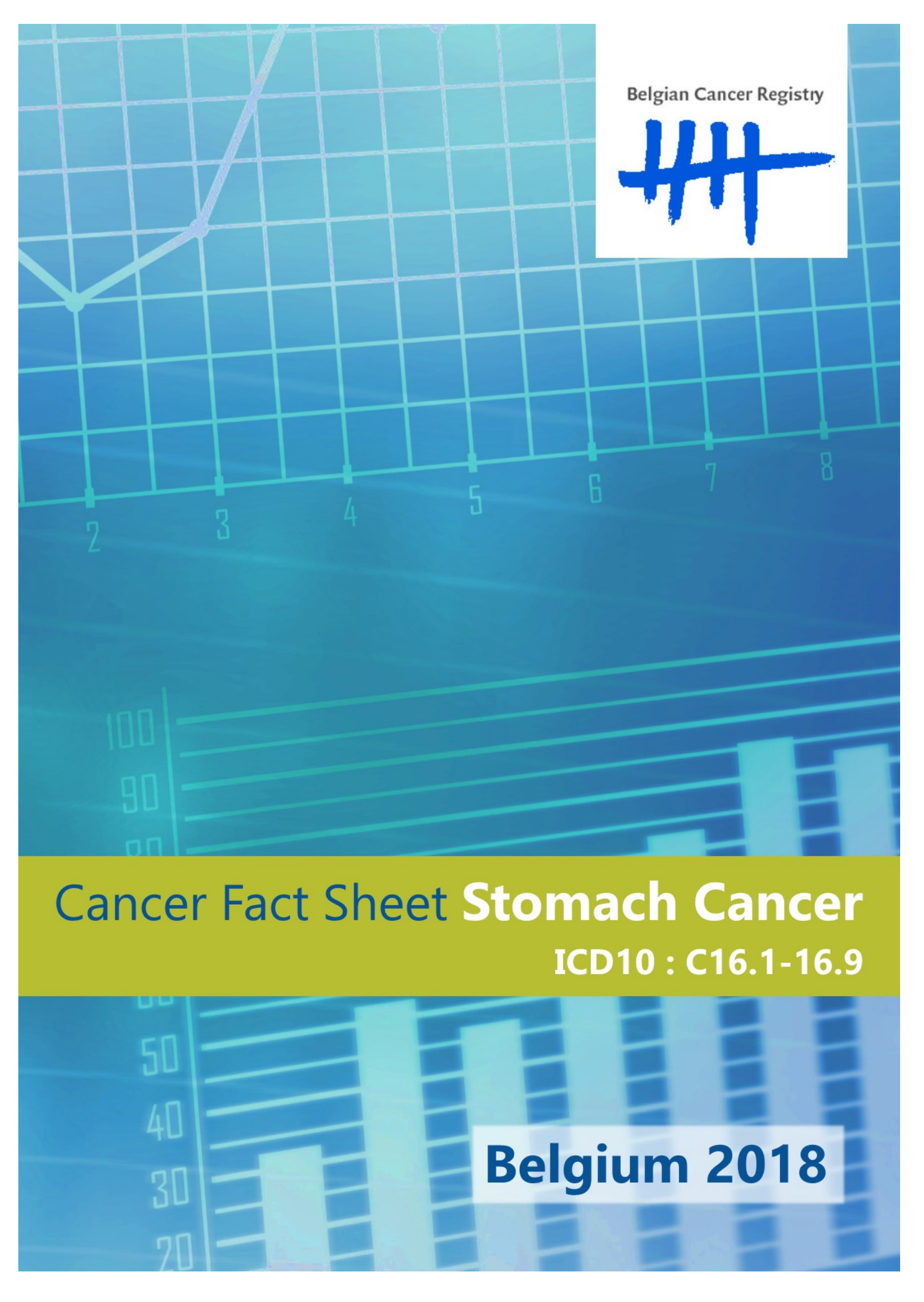




Belgian Cancer Registry



Cancer Fact Sheet **Stomach Cancer**

ICD10 : C16.1-16.9



Belgium 2018

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, 2018

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.0	566	10.1	7.2	4.8	0.52
Brussels-Capital Region	63.3	52	8.9	9.1	6.5	0.71
Flemish Region	71.8	360	11.1	7.1	4.6	0.50
Walloon Region	68.2	154	8.7	6.6	4.4	0.50

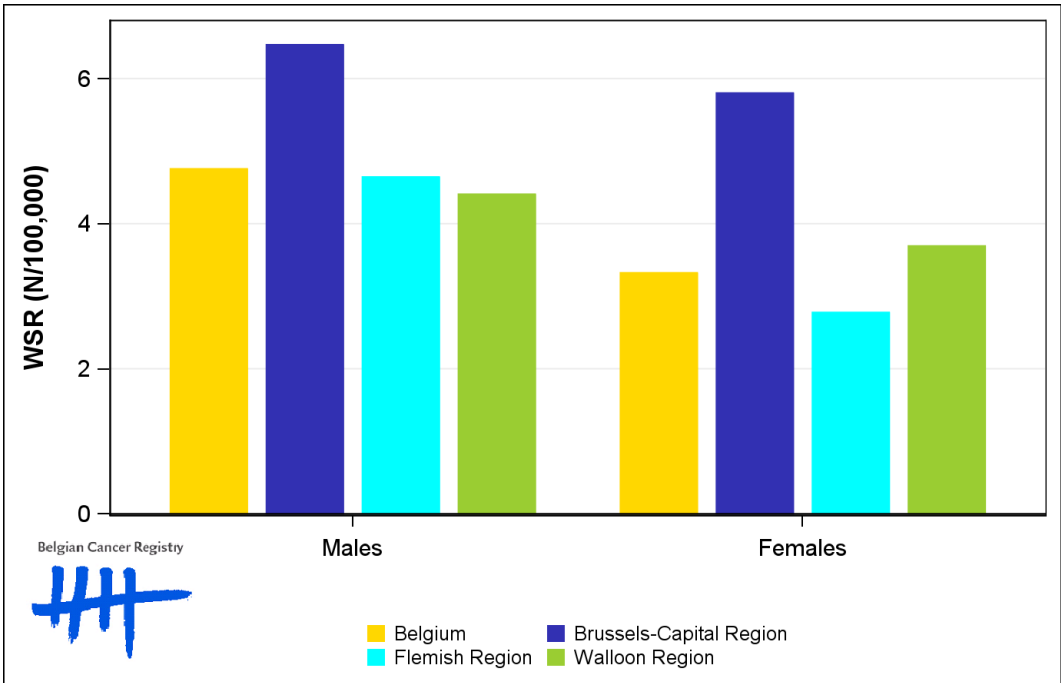
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.3	443	7.7	4.8	3.3	0.37
Brussels-Capital Region	69.8	65	10.6	8.5	5.8	0.70
Flemish Region	71.3	230	6.9	4.1	2.8	0.30
Walloon Region	68.9	148	8.0	5.3	3.7	0.42

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 (%)

Belgian Cancer Registry



Figure 1: Stomach Cancer: Age-standardised incidence rates by sex and region, 2018



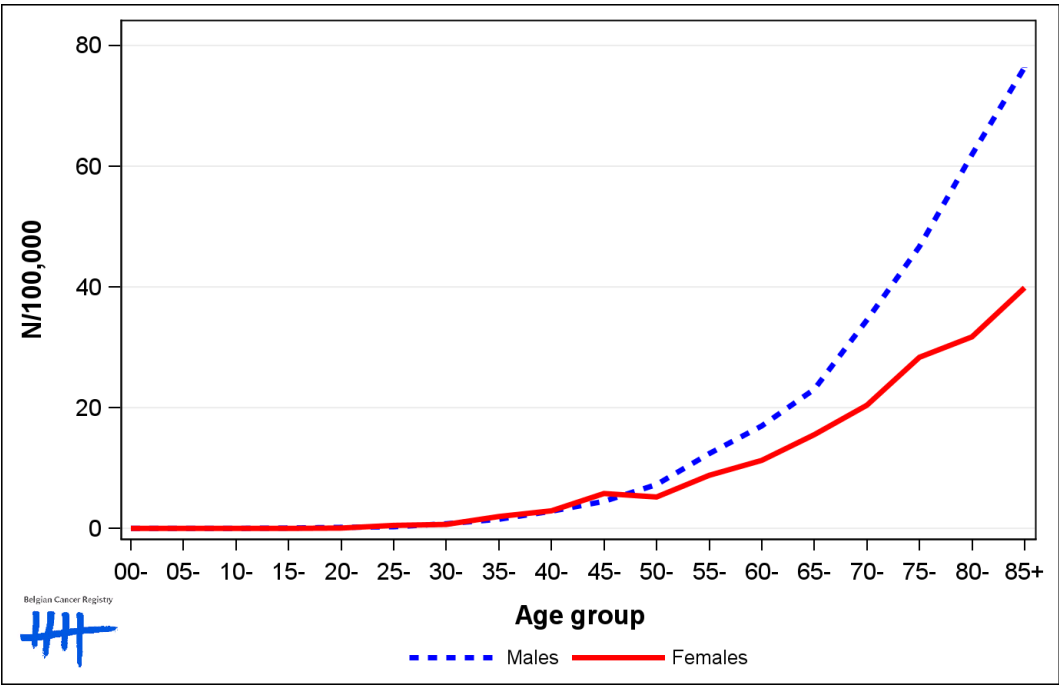
1.2. Age-specific incidence rates

Table 2: Stomach Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2018

	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	0.3	0.0	0.0	1.1	1.6	3.3	4.3	6.8	14.1	16.9	22.9	32.6	54.2	58.9	71.2	10.1	7.2	4.8
Females	0.0	0.0	0.0	0.0	0.3	0.3	1.1	2.7	2.8	4.9	6.0	10.7	9.0	17.4	18.9	25.1	30.5	39.2	7.7	4.8	3.3

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, 2014-2018



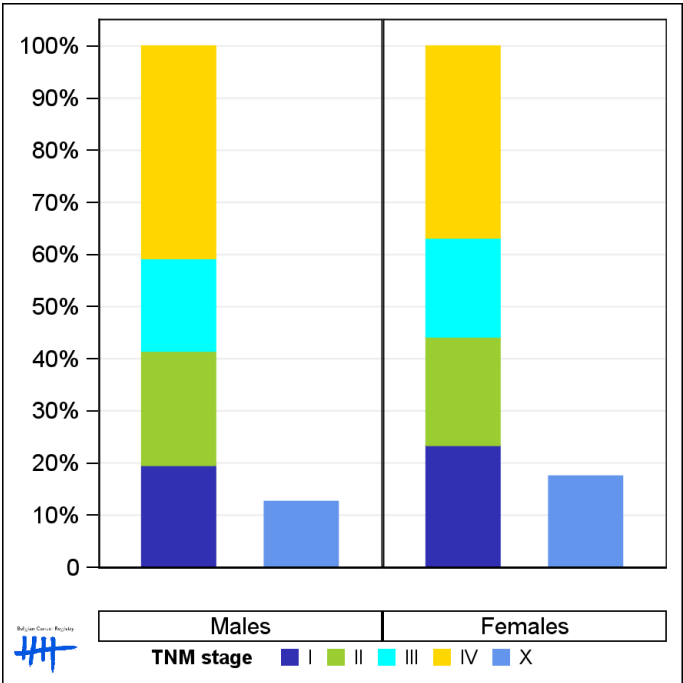
1.3. Combined stage

Table 3: Stomach Cancer: Distribution of combined stage by sex, Belgium 2018

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	76	85	69	158	56	122	566
%	13.4	15.0	12.2	27.9	9.9	21.6	100
Females							
N	63	56	51	99	57	117	443
%	14.2	12.6	11.5	22.3	12.9	26.4	100

Staging according to the TNM 8th edition (Ref: Brierley JD, Gospodarowicz MK, Wittekind Ch. TNM classification of malignant tumours, UICC 8th 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 2018



1.4. Trends in incidence

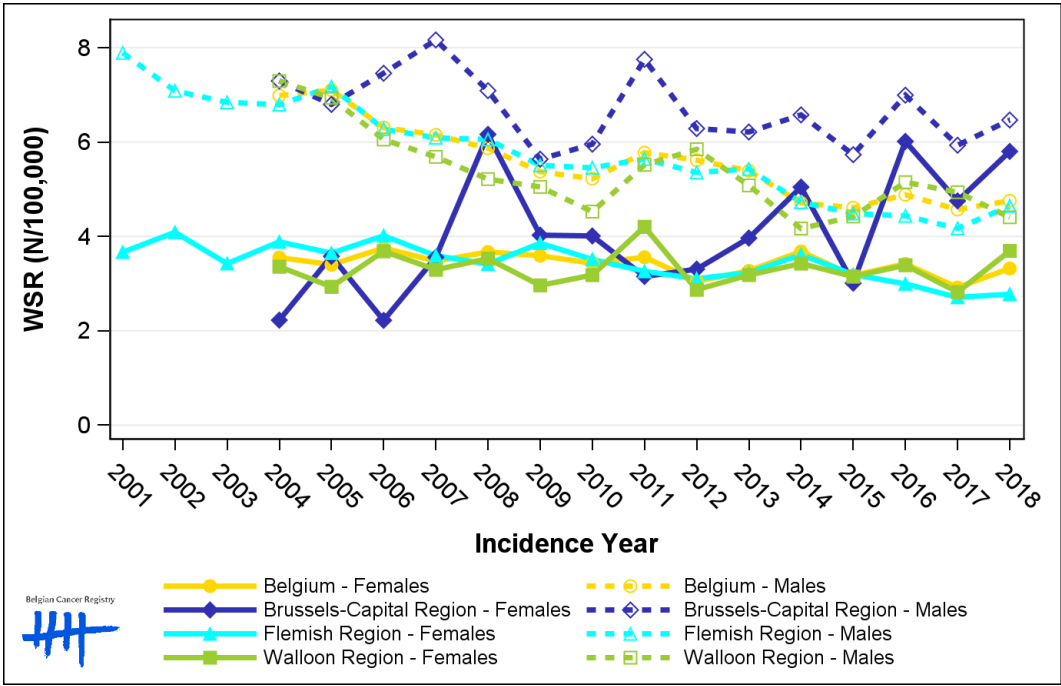
Table 4: Stomach Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAPC	95% CI
Belgium	7.0	7.1	6.3	6.2	5.9	5.4	5.2	5.8	5.6	5.4	4.7	4.6	4.9	4.6	4.8	-3.1	[-3.7; -2.4]
Brussels-Capital Region	7.3	6.8	7.5	8.2	7.1	5.6	6.0	7.8	6.3	6.2	6.6	5.7	7.0	5.9	6.5	-1.2	[-2.5; 0.1]
Flemish Region	6.8	7.2	6.3	6.1	6.1	5.5	5.5	5.6	5.4	5.4	4.7	4.5	4.4	4.2	4.6	-3.4	[-4.0; -2.8]
Walloon Region	7.3	6.9	6.1	5.7	5.2	5.0	4.5	5.5	5.8	5.1	4.2	4.4	5.1	4.9	4.4	-3.1	[-4.2; -1.9]

Females	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAPC	95% CI
Belgium	3.6	3.4	3.8	3.5	3.7	3.6	3.4	3.6	3.1	3.3	3.7	3.2	3.4	2.9	3.3	-0.9	[-1.7; -0.1]
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	4.8	5.8	4.3	[0.8; 8.0]
Flemish Region	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	2.7	2.8	-2.3	[-3.0; -1.5]
Walloon Region	3.4	2.9	3.7	3.3	3.5	3.0	3.2	4.2	2.9	3.2	3.4	3.1	3.4	2.8	3.7	]-0.1;0[	[-1.5; 1.4]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
AAPC = Average Annual Percentage Change over the 2004-2018 period

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



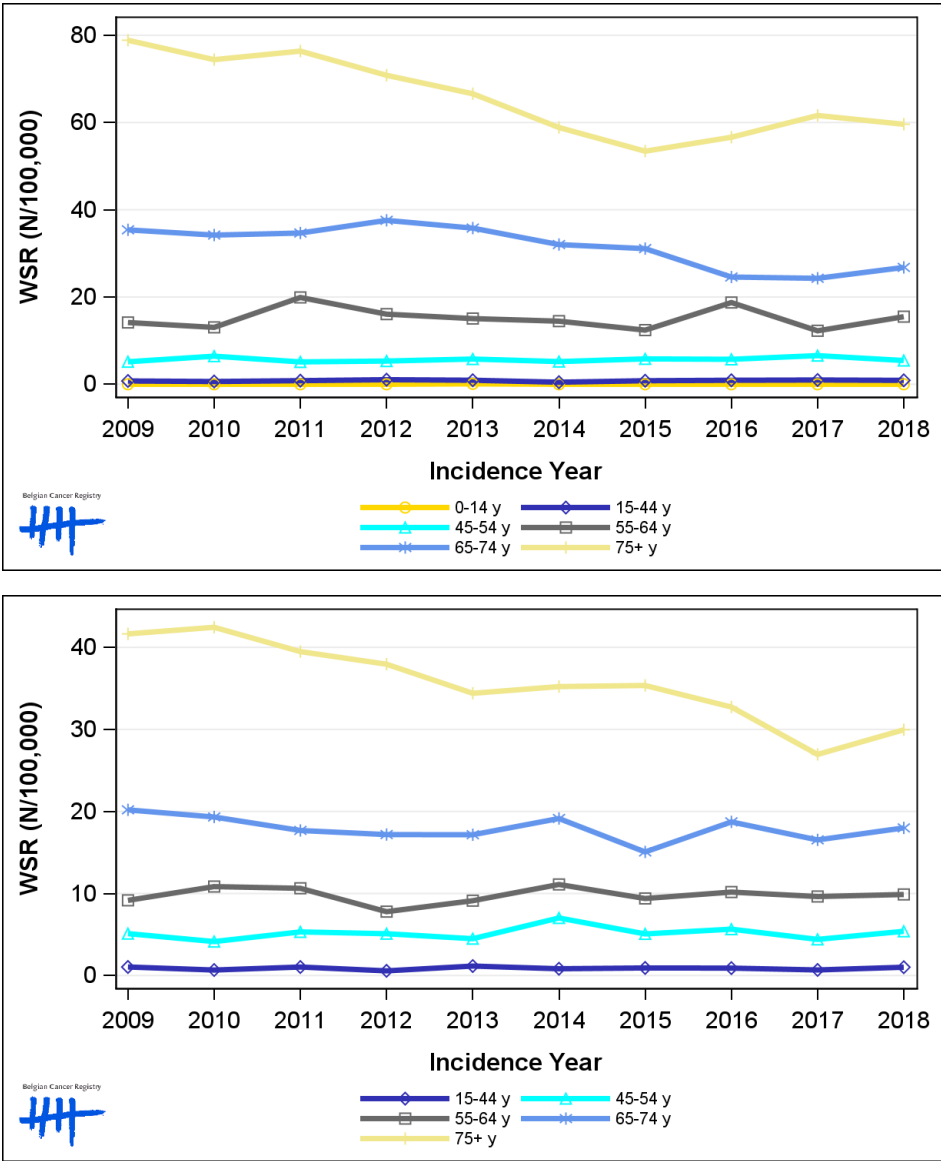
1.5. Incidence by broad age groups

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									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Males																				
All ages	573	563	630	612	589	535	522	555	539	566	5.4	5.2	5.8	5.6	5.4	4.7	4.6	4.9	4.6	4.8
0-14 y	0	0	0	0	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
15-44 y	21	16	22	27	23	12	21	23	26	23	0.8	0.6	0.8	1.0	0.9	0.5	0.8	0.9	1.0	0.9
45-54 y	41	51	43	44	48	44	49	47	54	45	5.2	6.4	5.1	5.3	5.8	5.2	5.8	5.7	6.6	5.4
55-64 y	90	85	132	107	102	98	86	132	88	113	14.2	13.0	19.9	16.1	15.1	14.5	12.4	18.7	12.3	15.5
65-74 y	155	150	157	173	167	152	152	124	128	146	35.4	34.2	34.7	37.6	35.8	32.0	31.1	24.6	24.3	26.8
75+ y	266	261	276	261	248	229	214	229	243	239	78.9	74.4	76.4	70.8	66.6	58.9	53.4	56.6	61.6	59.6
Females																				
All ages	477	476	476	441	442	475	431	457	394	443	3.6	3.4	3.6	3.1	3.3	3.7	3.2	3.4	2.9	3.3
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	16	27	15	30	21	24	23	18	26	1.1	0.7	1.0	0.6	1.2	0.8	0.9	0.9	0.7	1.0
45-54 y	40	33	43	42	37	56	40	44	35	43	5.1	4.1	5.3	5.1	4.5	7.0	5.1	5.7	4.4	5.4
55-64 y	59	72	72	53	63	77	66	73	71	74	9.2	10.8	10.6	7.8	9.1	11.1	9.4	10.2	9.6	9.9
65-74 y	102	93	90	87	91	102	81	104	96	106	20.2	19.3	17.7	17.2	17.2	19.1	15.1	18.7	16.5	18.0
75+ y	249	262	244	244	221	219	220	213	174	194	41.6	42.5	39.5	38.0	34.4	35.2	35.4	32.7	27.0	30.0

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 2014-2018

	5-year relative survival 2014-2018 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	2,693	42.3	[39.7, 45.0]	2,175	49.6	[46.9, 52.5]
Age group						
15-59 years	576	52.6	[47.5, 57.5]	488	64.8	[59.7, 69.6]
60-74 years	976	49.1	[45.1, 53.1]	672	58.2	[53.6, 62.7]
75+ years	1,141	29.9	[25.5, 34.6]	1,015	35.2	[30.8, 39.8]
Region						
Brussels-Capital Region	258	35.4	[27.3, 43.9]	243	51.8	[43.4, 59.9]
Flemish Region	1,656	39.3	[36.0, 42.6]	1,266	48.4	[44.8, 52.1]
Walloon Region	779	51.0	[45.9, 56.1]	666	51.4	[46.3, 56.4]

Figure 6: Stomach Cancer: relative survival proportion by sex, Belgium 2014-2018

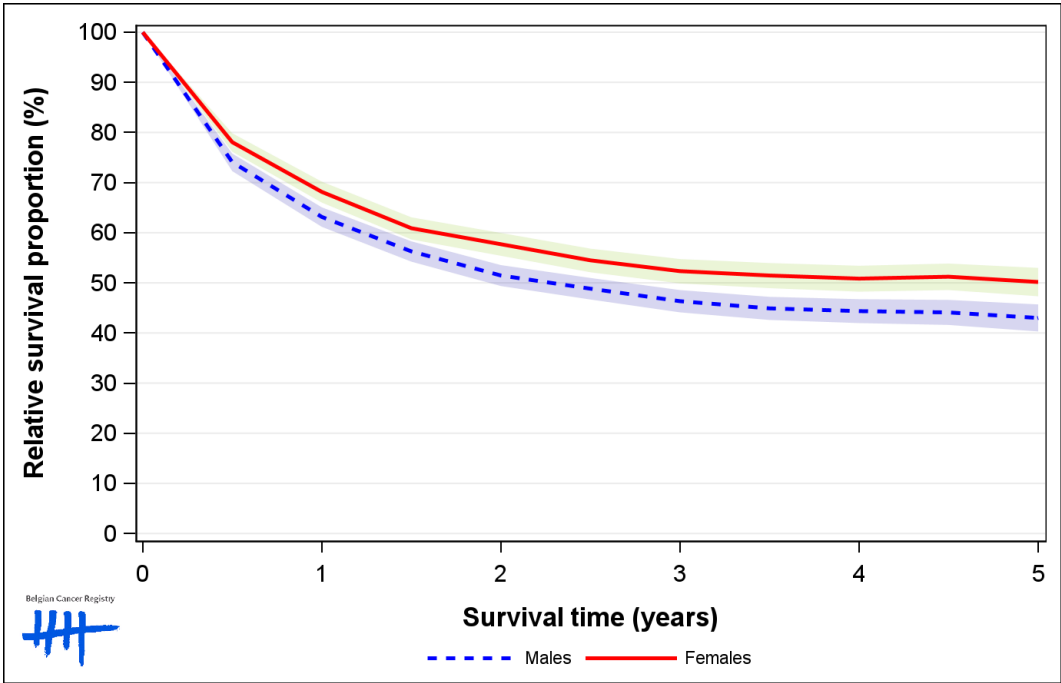


Figure 7: Stomach Cancer: relative survival proportion by age group in males, Belgium 2014-2018

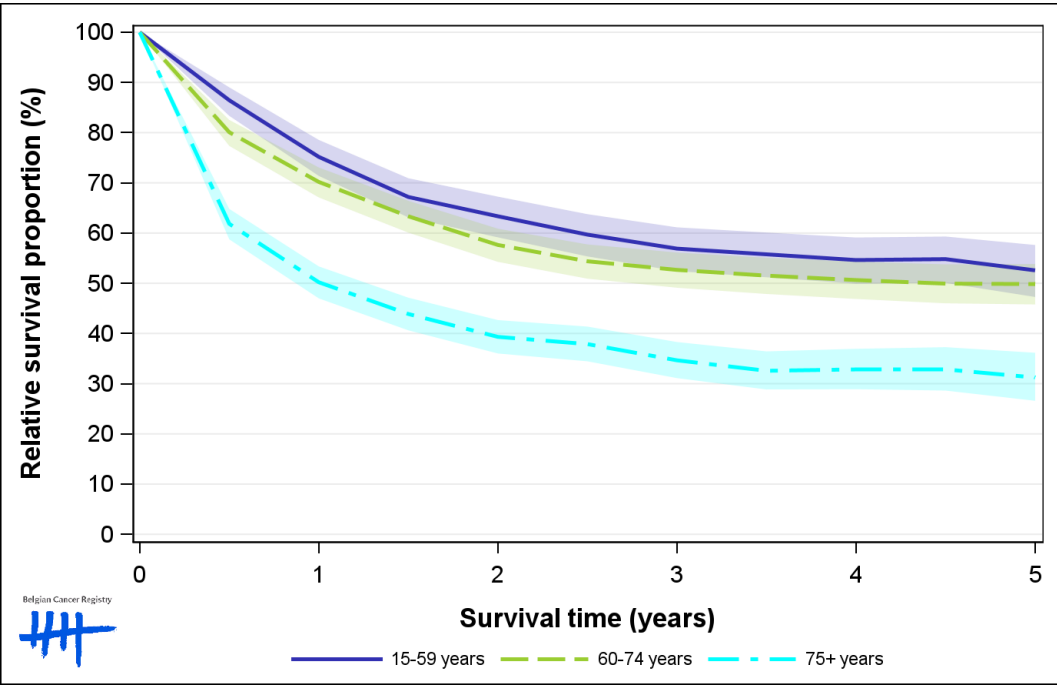


Figure 8: Stomach Cancer: relative survival proportion by age group in females, Belgium 2014-2018

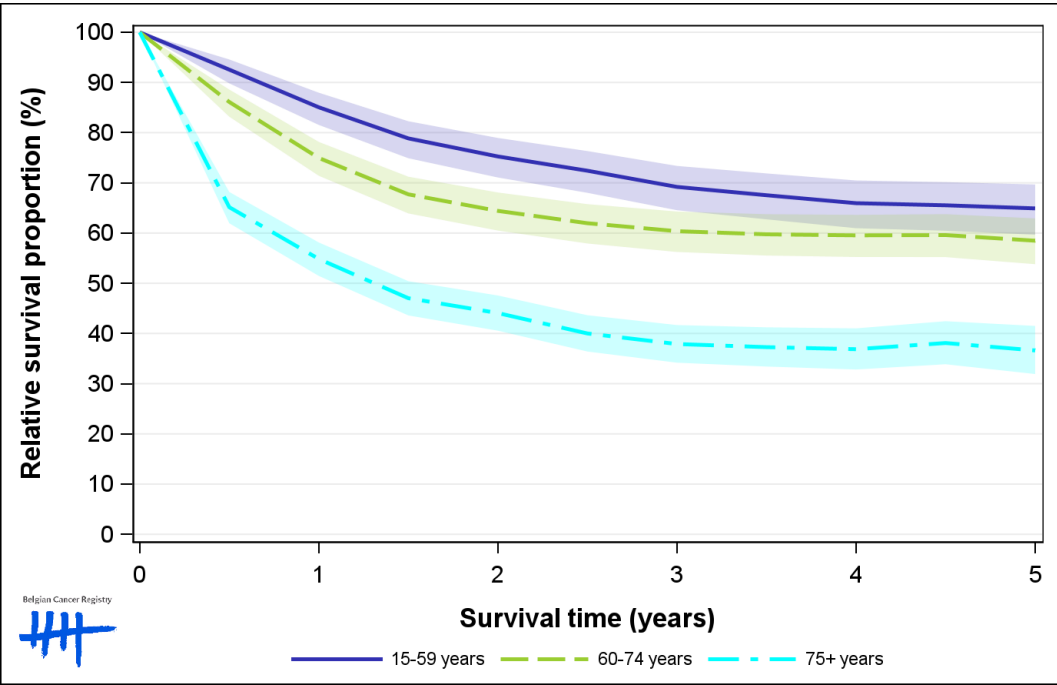


Figure 9: Stomach Cancer: relative survival proportion by region in males, Belgium 2014-2018

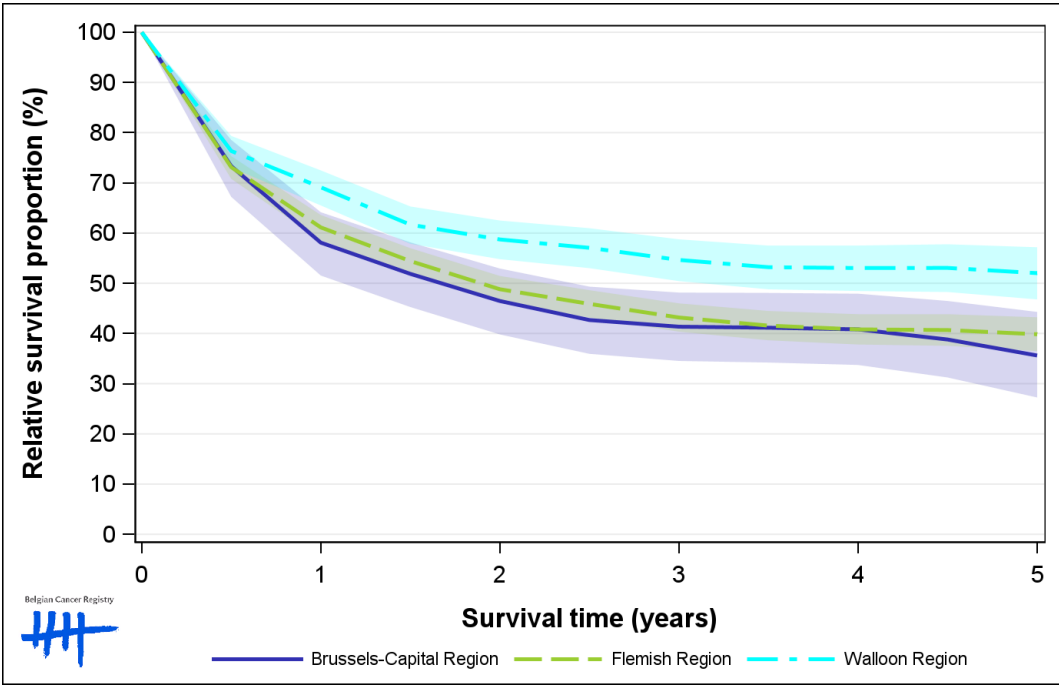


Figure 10: Stomach Cancer: relative survival proportion by region in females, Belgium 2014-2018

