

Belgian Cancer Registry



Cancer Fact Sheet **Stomach Cancer**

ICD10 : C16.1-16.9

Belgium 2020

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, 2020

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.4	480	8.5	5.9	3.9	0.45
Brussels-Capital Region	67.3	48	8.0	8.0	5.4	0.69
Flemish Region	72.0	303	9.2	5.8	3.9	0.43
Walloon Region	67.9	129	7.2	5.4	3.7	0.43

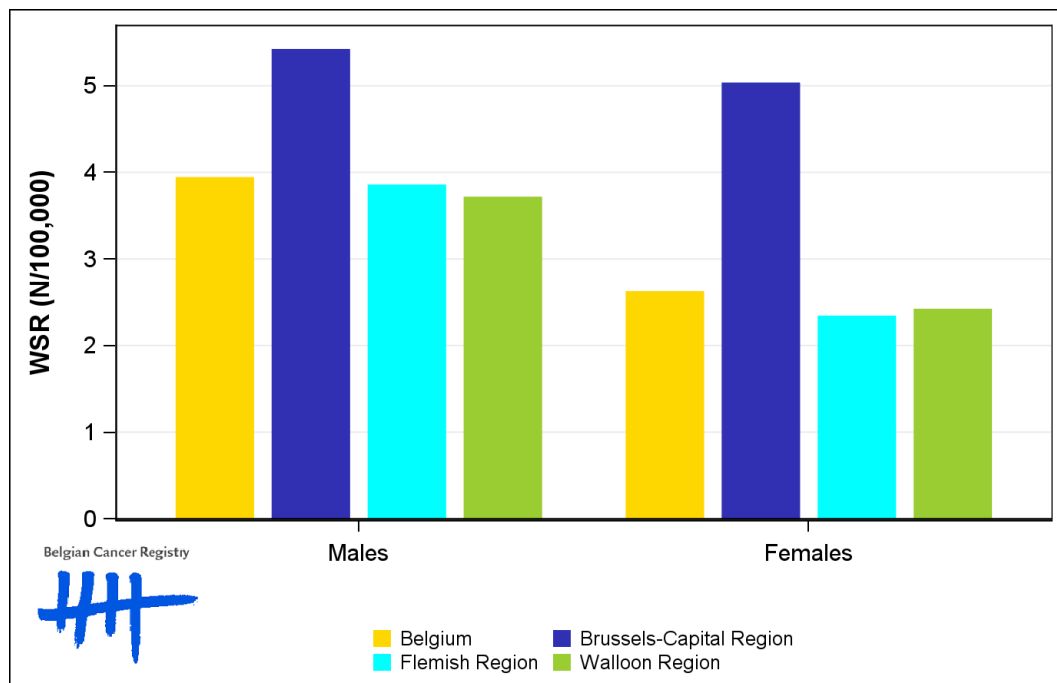
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	69.8	349	6.0	3.7	2.6	0.28
Brussels-Capital Region	65.0	52	8.4	7.1	5.0	0.52
Flemish Region	71.8	200	6.0	3.4	2.3	0.25
Walloon Region	68.3	97	5.2	3.4	2.4	0.26

CR=Crude (all ages) Rate (N/100,000 person-years)
 ESR (1976)=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 (%)

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Figure 1: Stomach Cancer: Age-standardised incidence rates by sex and region, 2020



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 2020

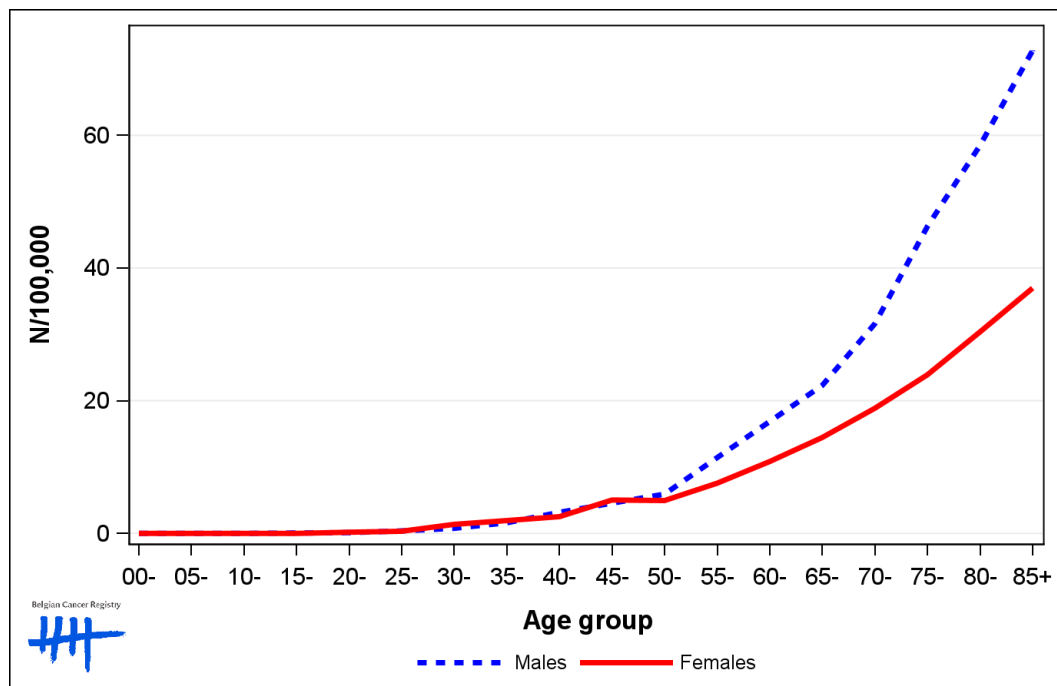
	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.0	0.0	0.0	0.0	0.3	0.5	1.1	1.3	2.4	3.3	4.2	7.7	14.3	25.1	29.9	41.9	39.9	62.8	8.5	5.9	3.9
Females	0.0	0.0	0.0	0.0	0.3	0.5	1.9	1.9	2.2	3.7	4.9	4.8	11.4	11.5	12.8	21.2	25.4	28.6	6.0	3.7	2.6

CR=Crude (all ages) Rate (N/100,000 person-years)

ESR (1976)=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, 2016-2020



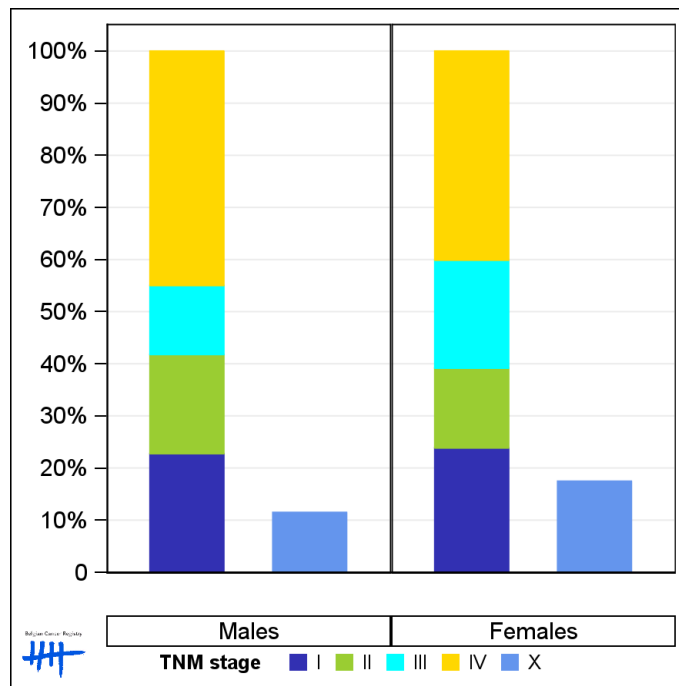
1.3. Combined stage

Table 3: Stomach Cancer: Distribution of combined stage by sex, Belgium 2020

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	79	66	46	156	45	88	480
%	16.5	13.8	9.6	32.5	9.4	18.3	100
Females							
N	53	34	46	89	47	80	349
%	15.2	9.7	13.2	25.5	13.5	22.9	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 2020



1.4. Trends in incidence

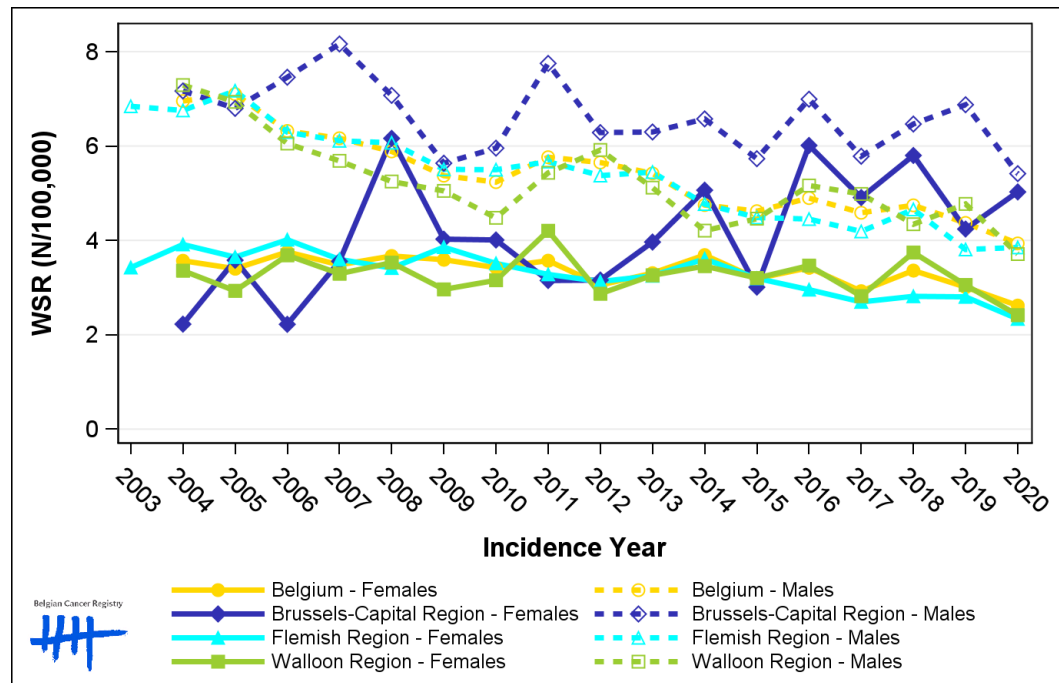
Table 4: Stomach Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	AAPC	95% CI
Belgium	6.3	6.2	5.9	5.4	5.2	5.8	5.7	5.4	4.7	4.6	4.9	4.6	4.7	4.4	3.9	-3.3	[-4.3; -2.3]
Brussels-Capital Region	7.5	8.2	7.1	5.6	6.0	7.8	6.3	6.3	6.6	5.7	7.0	5.8	6.5	6.9	5.4	-1.3	[-2.7; 0.1]
Flemish Region	6.3	6.1	6.1	5.5	5.5	5.7	5.4	5.4	4.8	4.5	4.5	4.2	4.7	3.8	3.9	-3.5	[-4.1; -2.9]
Walloon Region	6.1	5.7	5.2	5.0	4.5	5.4	5.9	5.1	4.2	4.5	5.2	5.0	4.3	4.8	3.7	-2.0	[-3.3; -0.8]

Females	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	AAPC	95% CI
Belgium	3.8	3.5	3.7	3.6	3.4	3.6	3.1	3.3	3.7	3.2	3.4	2.9	3.4	3.0	2.6	-1.7	[-2.5; -0.8]
Brussels-Capital Region	2.2	3.6	6.2	4.0	4.0	3.2	3.2	4.0	5.1	3.0	6.0	4.9	5.8	4.2	5.0	3.2	[-0.2; 6.8]
Flemish Region	4.0	3.6	3.4	3.9	3.5	3.3	3.1	3.3	3.6	3.2	3.0	2.7	2.8	2.8	2.3	-2.9	[-3.7; -2.0]
Walloon Region	3.7	3.3	3.5	3.0	3.2	4.2	2.9	3.3	3.5	3.2	3.5	2.8	3.7	3.1	2.4	-1.2	[-2.8; 0.4]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
 AAPC = Average Annual Percentage Change over the 2006-2020 period

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



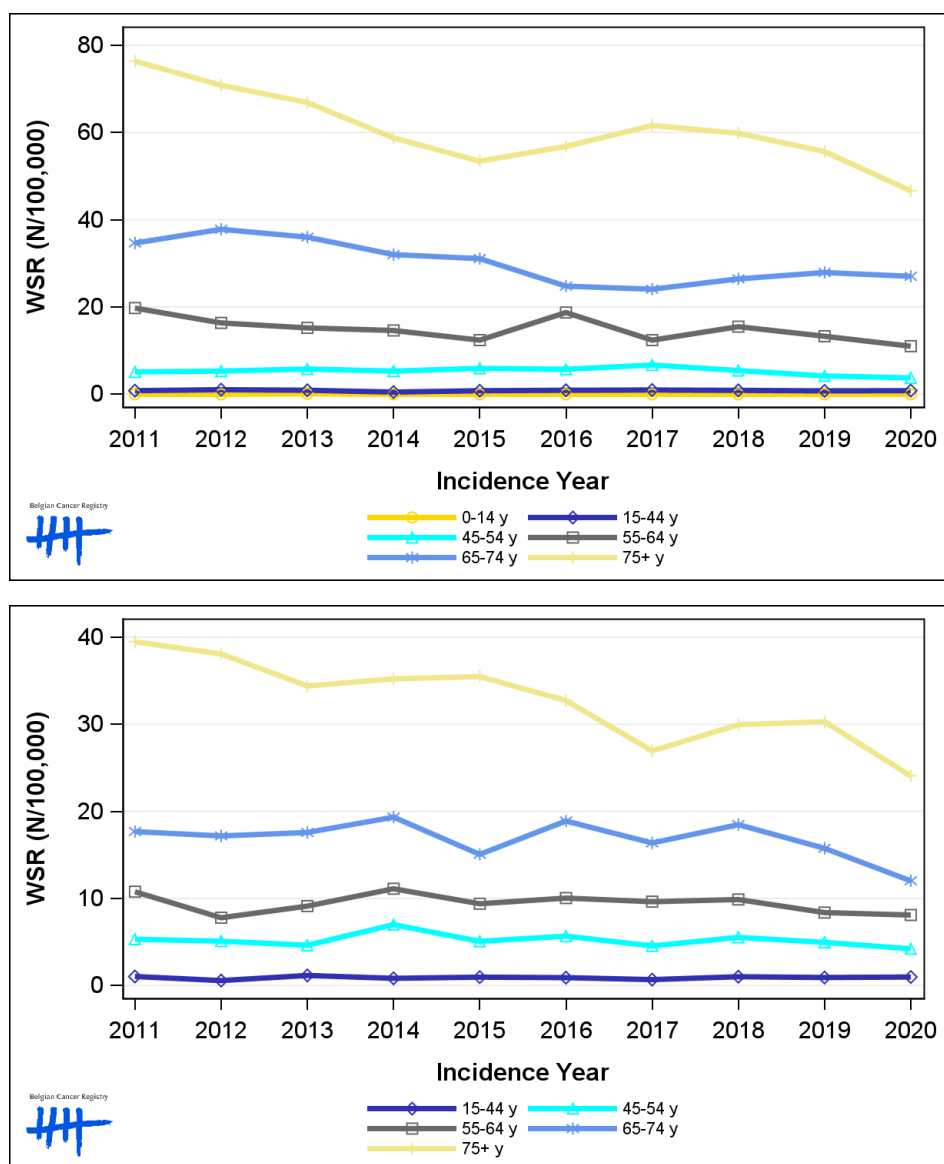
1.5. Incidence by broad age groups

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									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Males																				
All ages	629	615	592	538	523	557	540	565	543	480	5.8	5.7	5.4	4.7	4.6	4.9	4.6	4.7	4.4	3.9
0-14 y	0	0	1	0	0	0	0	0	0	0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-44 y	22	27	23	13	21	23	26	23	20	21	0.8	1.0	0.9	0.5	0.8	0.9	1.0	0.9	0.8	0.8
45-54 y	43	44	48	45	50	47	55	45	34	30	5.1	5.3	5.8	5.3	5.9	5.7	6.7	5.4	4.2	3.8
55-64 y	131	109	103	99	86	132	89	113	97	82	19.8	16.4	15.2	14.6	12.4	18.7	12.4	15.5	13.3	11.0
65-74 y	157	174	168	152	152	125	127	144	155	153	34.7	37.8	36.0	32.0	31.1	24.8	24.1	26.5	27.9	27.0
75+ y	276	261	249	229	214	230	243	240	237	194	76.4	70.8	66.9	58.8	53.4	56.8	61.6	59.9	55.6	46.6
Females																				
All ages	477	442	445	476	433	457	394	447	422	349	3.6	3.1	3.3	3.7	3.2	3.4	2.9	3.4	3.0	2.6
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	15	30	21	25	23	18	26	24	25	1.0	0.6	1.2	0.8	1.0	0.9	0.7	1.0	0.9	1.0
45-54 y	43	42	38	56	40	44	36	44	39	33	5.3	5.1	4.6	7.0	5.1	5.7	4.6	5.5	5.0	4.2
55-64 y	73	53	63	77	66	72	71	74	62	61	10.8	7.8	9.1	11.1	9.4	10.0	9.6	9.9	8.4	8.1
65-74 y	90	87	93	103	81	105	95	109	97	74	17.7	17.2	17.6	19.3	15.1	18.9	16.4	18.5	15.8	12.0
75+ y	244	245	221	219	221	213	174	194	200	156	39.5	38.1	34.4	35.2	35.5	32.7	27.0	30.0	30.3	24.1

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 2016-2020

	5-year relative survival 2016-2020 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	2,664	44.2	[41.5, 46.8]	2,044	50.2	[47.2, 53.1]
Age group						
15-59 years	545	56.5	[51.6, 61.1]	451	63.7	[58.5, 68.5]
60-74 years	984	49.1	[44.8, 53.3]	664	57.7	[52.8, 62.3]
75+ years	1,136	32.7	[28.2, 37.4]	929	36.8	[32.0, 41.9]
Region						
Brussels-Capital Region	262	48.8	[40.9, 56.7]	253	55.7	[47.4, 63.6]
Flemish Region	1,604	41.5	[38.1, 44.8]	1,162	46.9	[42.9, 50.8]
Walloon Region	798	48.1	[43.1, 53.1]	629	54.3	[49.2, 59.3]

Figure 6: Stomach Cancer: relative survival proportion by sex, Belgium 2016-2020

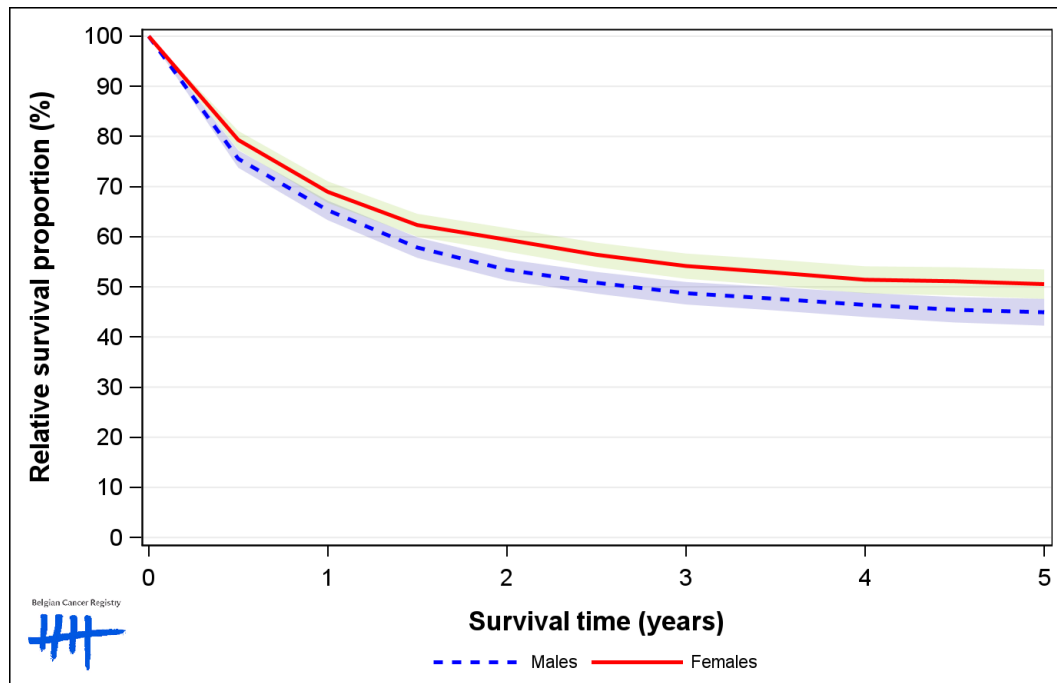


Figure 7: Stomach Cancer: relative survival proportion by age group in males, Belgium 2016-2020

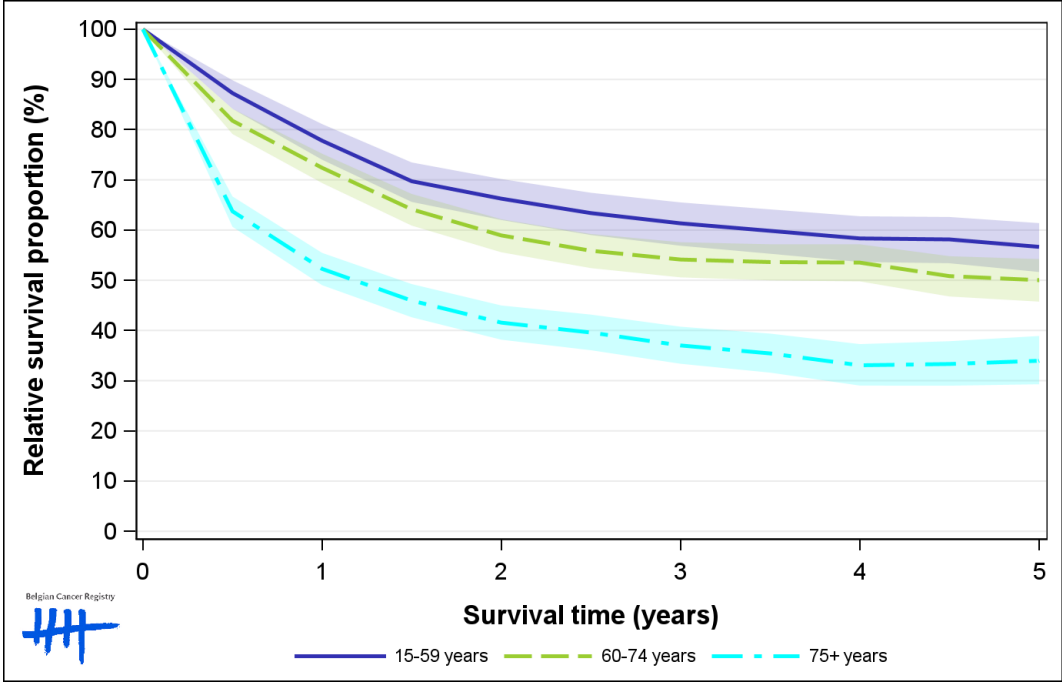


Figure 8: Stomach Cancer: relative survival proportion by age group in females, Belgium 2016-2020

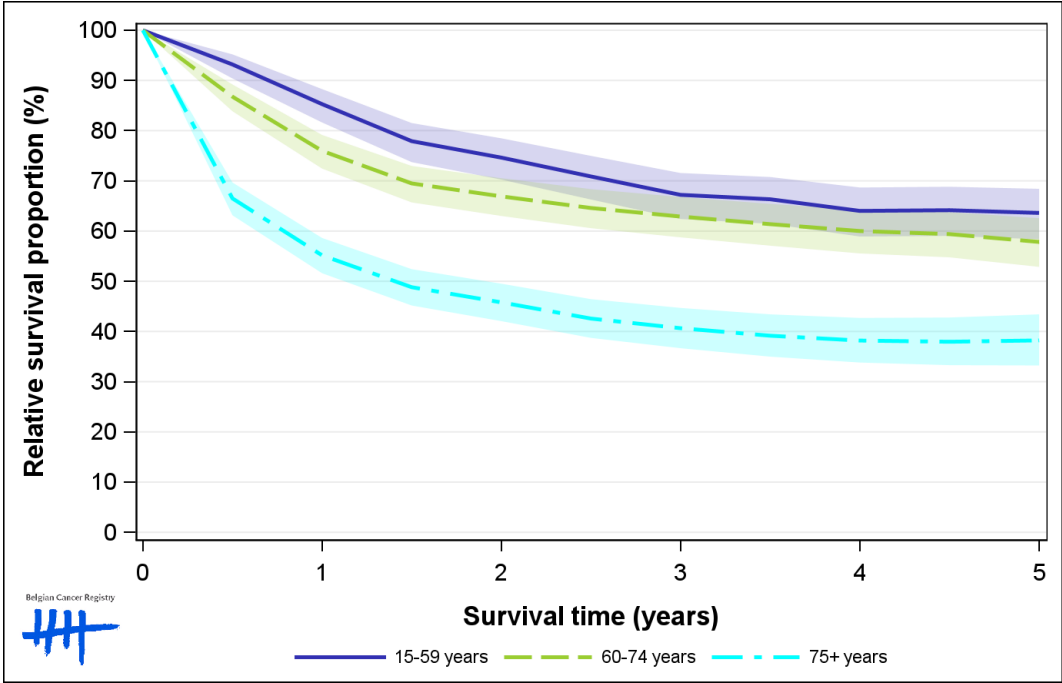


Figure 9: Stomach Cancer: relative survival proportion by region in males, Belgium 2016-2020

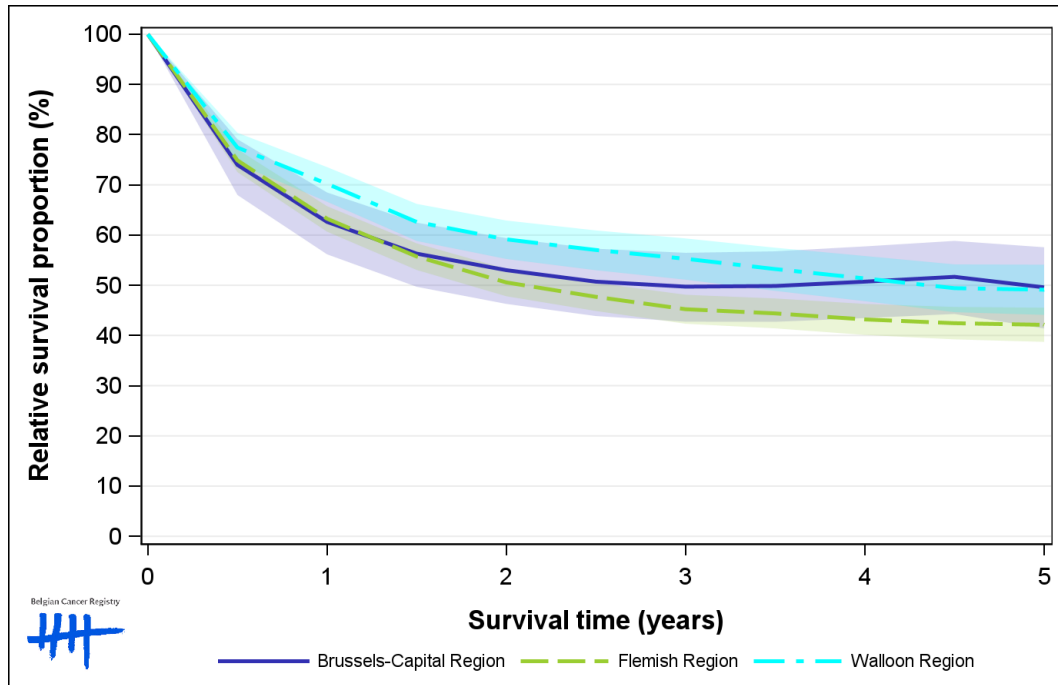


Figure 10: Stomach Cancer: relative survival proportion by region in females, Belgium 2016-2020

