

Belgian Cancer Registry



Cancer Fact Sheet **Stomach Cancer**

ICD10 : C16.1-16.9

Belgium 2022

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, 2022

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.0	515	9.0	9.7	4.2	0.47
Brussels-Capital Region	62.0	43	7.2	9.5	5.0	0.54
Flemish Region	71.5	299	9.0	9.0	3.7	0.43
Walloon Region	69.3	173	9.7	10.9	4.7	0.51

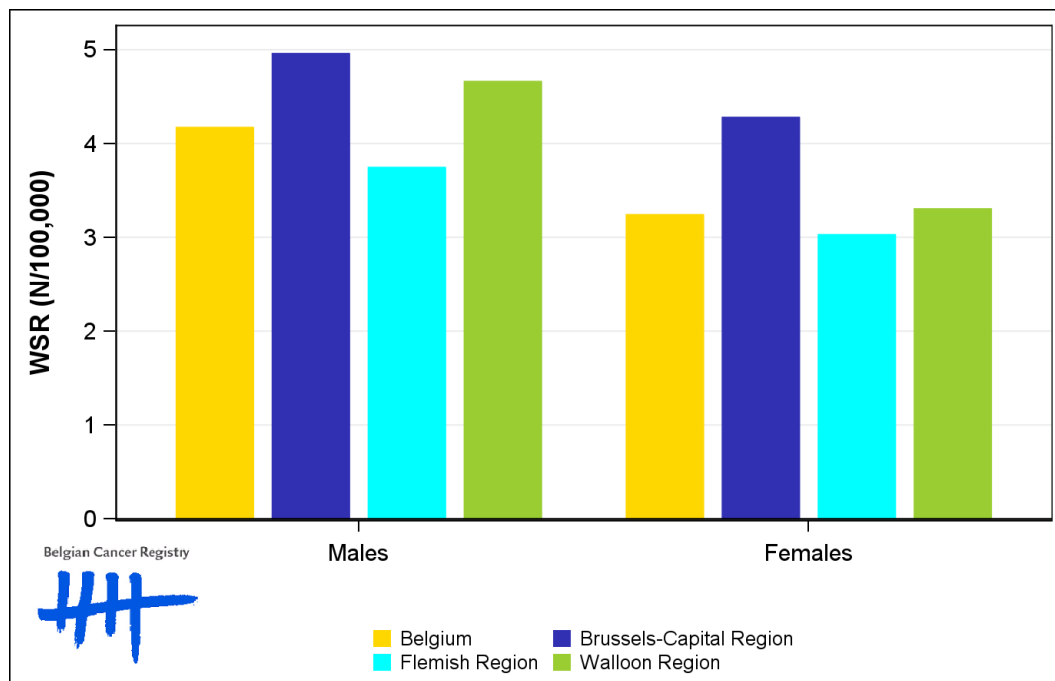
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	68.9	421	7.2	6.6	3.2	0.37
Brussels-Capital Region	63.7	43	6.9	8.2	4.3	0.47
Flemish Region	70.1	243	7.2	6.3	3.0	0.34
Walloon Region	68.3	135	7.2	6.8	3.3	0.38

CR=Crude (all ages) Rate (N/100,000 person-years)
 ESR=Age-Standardised Rate, using 2013 revised 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, 2022



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 2022

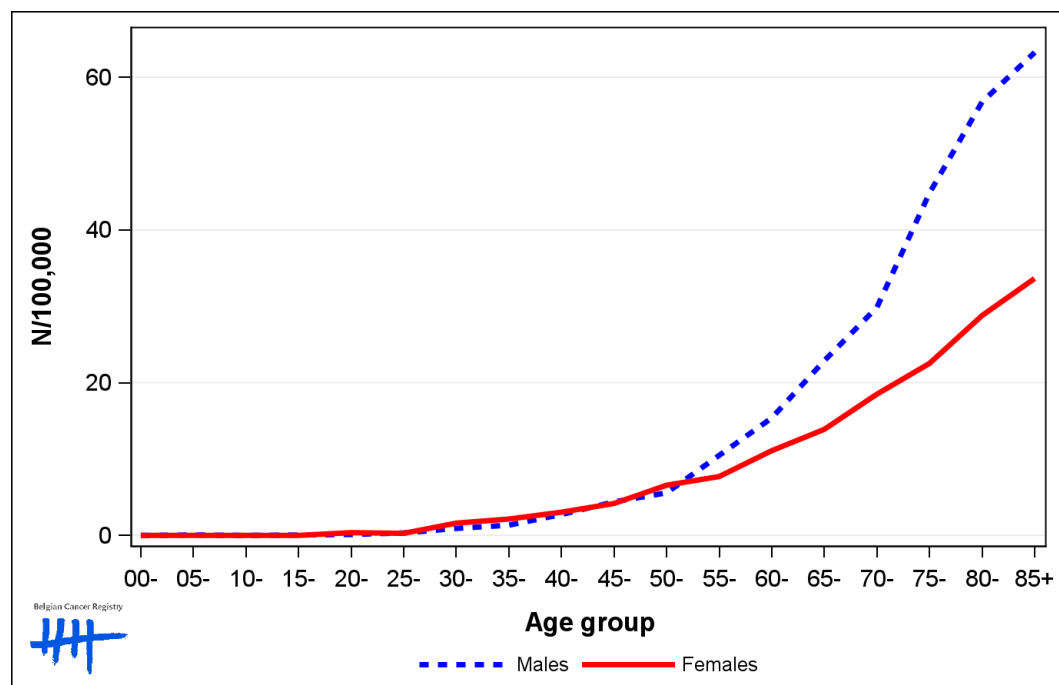
	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.0	0.0	0.0	0.0	0.3	0.3	0.5	1.1	2.9	5.6	7.6	10.4	13.3	20.8	31.1	41.0	47.4	60.4	9.0	9.7	4.2
Females	0.0	0.0	0.0	0.0	0.3	0.3	1.3	2.4	3.7	4.4	8.3	8.8	10.4	14.7	19.0	19.9	25.3	32.5	7.2	6.6	3.2

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

ESR (2013)=Age-Standardised Rate, using the 2013 revised 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, 2018-2022



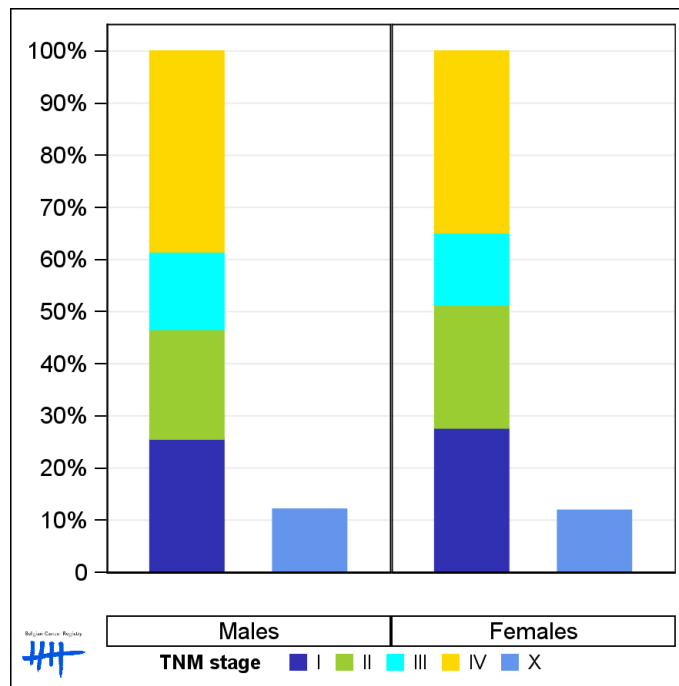
1.3. Combined stage

Table 3: Stomach Cancer: Distribution of combined stage by sex, Belgium 2022

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	91	75	53	137	49	110	515
%	17.7	14.6	10.3	26.6	9.5	21.4	100
Females							
N	74	63	37	93	36	118	421
%	17.6	15.0	8.8	22.1	8.6	28.0	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 2022



1.4. Trends in incidence

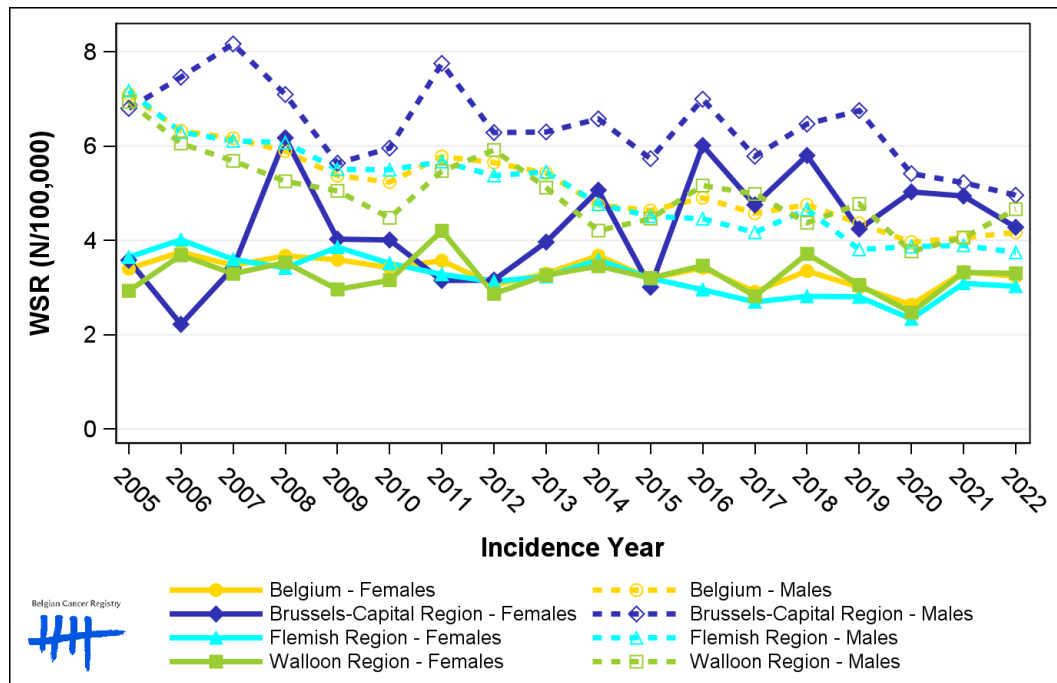
Table 4: Stomach Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	5.9	5.4	5.2	5.8	5.7	5.4	4.7	4.6	4.9	4.6	4.8	4.4	4.0	4.1	4.2	-2.6	[-3.3; -2.0]
Brussels-Capital Region	7.1	5.6	6.0	7.8	6.3	6.3	6.6	5.7	7.0	5.8	6.5	6.8	5.4	5.2	5.0	-1.4	[-2.8; -0.0]
Flemish Region	6.1	5.5	5.5	5.7	5.4	5.5	4.8	4.5	4.5	4.2	4.7	3.8	3.9	3.9	3.7	-3.5	[-4.1; -2.8]
Walloon Region	5.3	5.0	4.5	5.5	5.9	5.1	4.2	4.5	5.2	5.0	4.4	4.8	3.8	4.1	4.7	-1.5	[-2.8; -0.2]

Females	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	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	3.3	3.2	-1.2	[-2.2; -0.2]
Brussels-Capital Region	6.2	4.0	4.0	3.2	3.2	4.0	5.1	3.0	6.0	4.8	5.8	4.2	5.0	4.9	4.3	1.2	[-1.8; 4.3]
Flemish Region	3.4	3.9	3.5	3.3	3.1	3.2	3.6	3.2	3.0	2.7	2.8	2.8	2.3	3.1	3.0	-2.0	[-3.1; -0.9]
Walloon Region	3.5	3.0	3.2	4.2	2.9	3.3	3.5	3.2	3.5	2.8	3.7	3.1	2.5	3.3	3.3	-0.6	[-2.2; 1.0]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
 AAPC = Average Annual Percentage Change over the 2008-2022 period

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



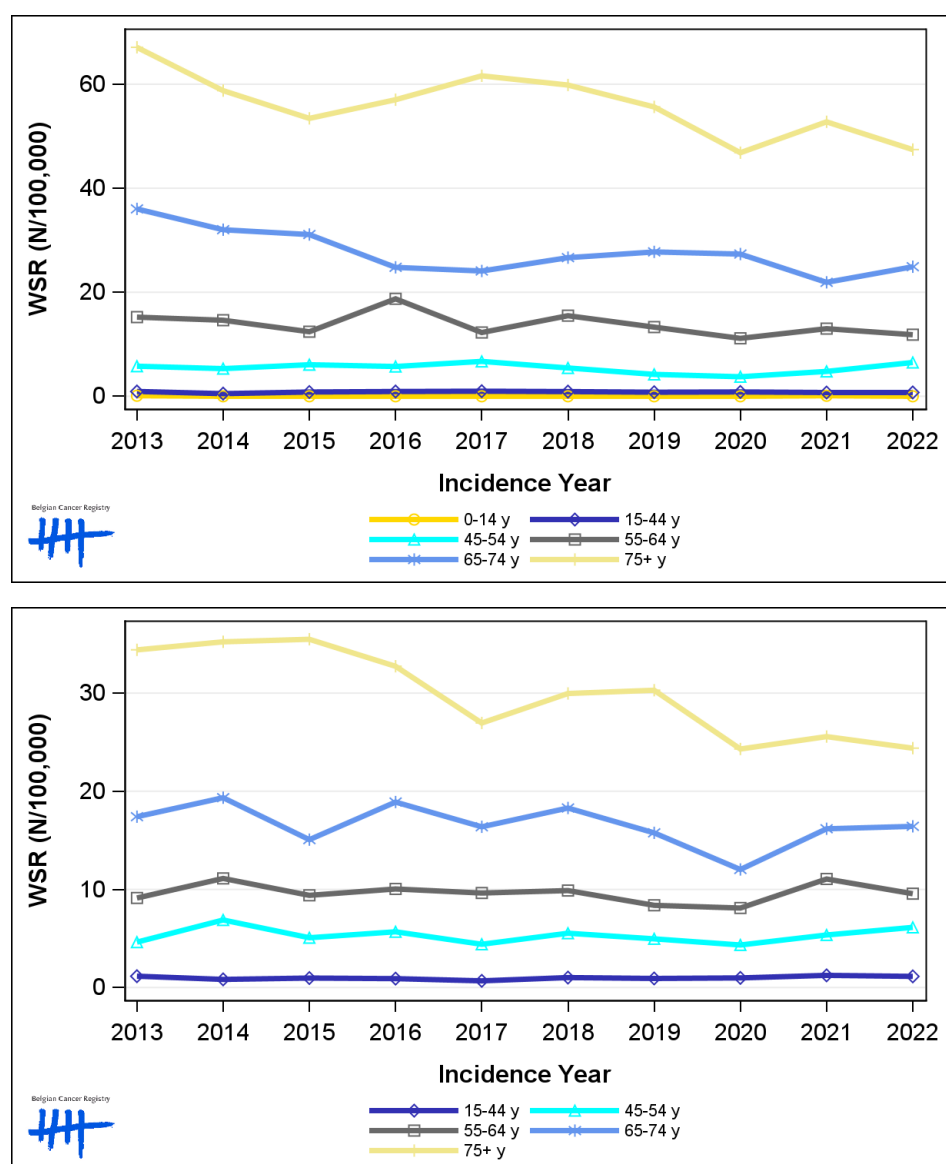
1.5. Incidence by broad age groups

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										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
Males																						
All ages	593	538	524	558	539	566	542	484	507	515	5.4	4.7	4.6	4.9	4.6	4.8	4.4	4.0	4.1	4.2		
0-14 y	1	0	0	0	0	0	0	0	1	0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0		
15-44 y	23	13	21	23	26	23	20	21	19	19	0.9	0.5	0.8	0.9	1.0	0.9	0.8	0.8	0.7	0.7		
45-54 y	48	45	51	47	55	45	34	30	37	51	5.8	5.3	6.1	5.7	6.7	5.4	4.2	3.8	4.8	6.5		
55-64 y	103	99	86	132	88	113	97	83	99	91	15.2	14.6	12.4	18.7	12.3	15.5	13.3	11.1	13.0	11.8		
65-74 y	168	152	152	125	127	145	154	155	127	147	36.0	32.0	31.1	24.8	24.1	26.7	27.8	27.3	21.9	24.9		
75+ y	250	229	214	231	243	240	237	195	224	207	67.1	58.8	53.4	57.0	61.6	59.9	55.6	46.8	52.8	47.4		
Females																						
All ages	444	475	433	457	393	446	422	352	428	421	3.3	3.7	3.2	3.4	2.9	3.4	3.0	2.6	3.3	3.2		
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	30	21	25	23	18	26	24	25	32	30	1.2	0.8	1.0	0.9	0.7	1.0	0.9	1.0	1.2	1.1		
45-54 y	38	55	40	44	35	44	39	34	43	48	4.6	6.9	5.1	5.7	4.4	5.5	5.0	4.3	5.4	6.1		
55-64 y	63	77	66	72	71	74	62	61	85	74	9.1	11.1	9.4	10.0	9.6	9.9	8.4	8.1	11.1	9.6		
65-74 y	92	103	81	105	95	108	97	74	105	105	17.4	19.3	15.1	18.9	16.4	18.3	15.8	12.0	16.2	16.4		
75+ y	221	219	221	213	174	194	200	158	163	164	34.4	35.2	35.5	32.7	27.0	30.0	30.3	24.3	25.6	24.4		

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. Net survival

Table 6: Stomach Cancer: 5-year net survival by sex, age group and region, Belgium 2018-2022

	5-year net survival 2018-2022 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	2,589	45.8	[42.9, 48.8]	2,052	52.2	[49.1, 55.5]
Age group						
15-59 years	506	57.5	[52.7, 62.8]	495	62.6	[57.7, 67.8]
60-74 years	993	48.9	[45.0, 53.2]	686	59.8	[55.4, 64.6]
75+ years	1,091	37.5	[32.5, 43.2]	871	40.3	[35.0, 46.5]
Region						
Brussels-Capital Region	245	47.7	[39.6, 57.4]	248	49.6	[42.0, 58.6]
Flemish Region	1,568	43.4	[39.9, 47.1]	1,168	49.5	[45.2, 54.2]
Walloon Region	776	50.0	[44.5, 56.1]	636	57.8	[52.6, 63.5]

Figure 6: Stomach Cancer: net survival by sex, Belgium 2018-2022

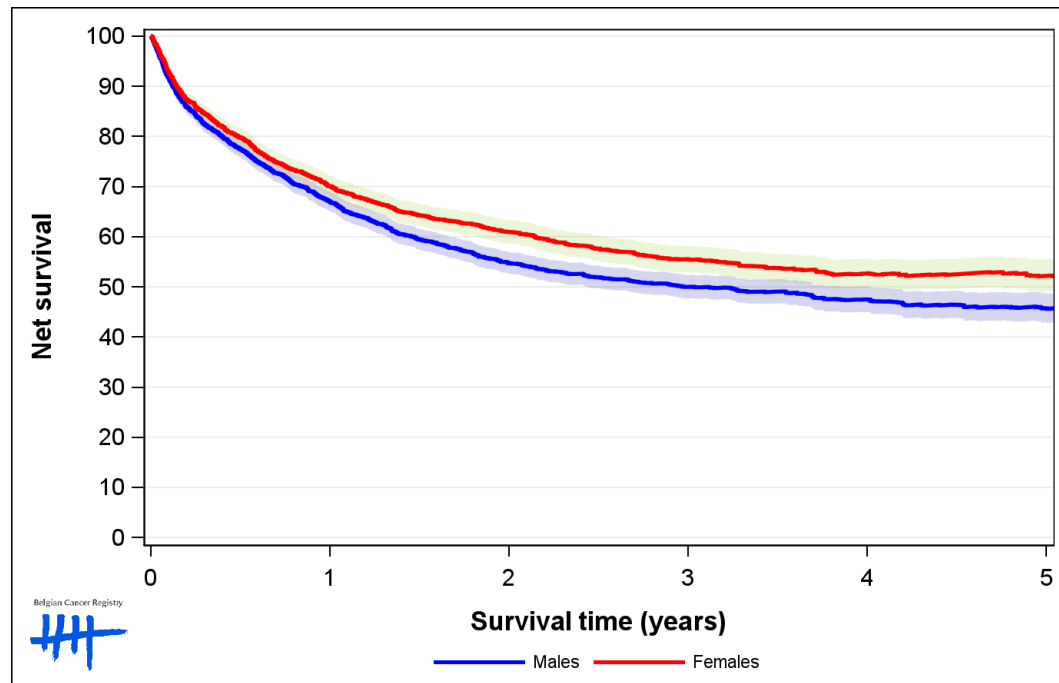


Figure 7: Stomach Cancer: net survival by age group in males, Belgium 2018-2022

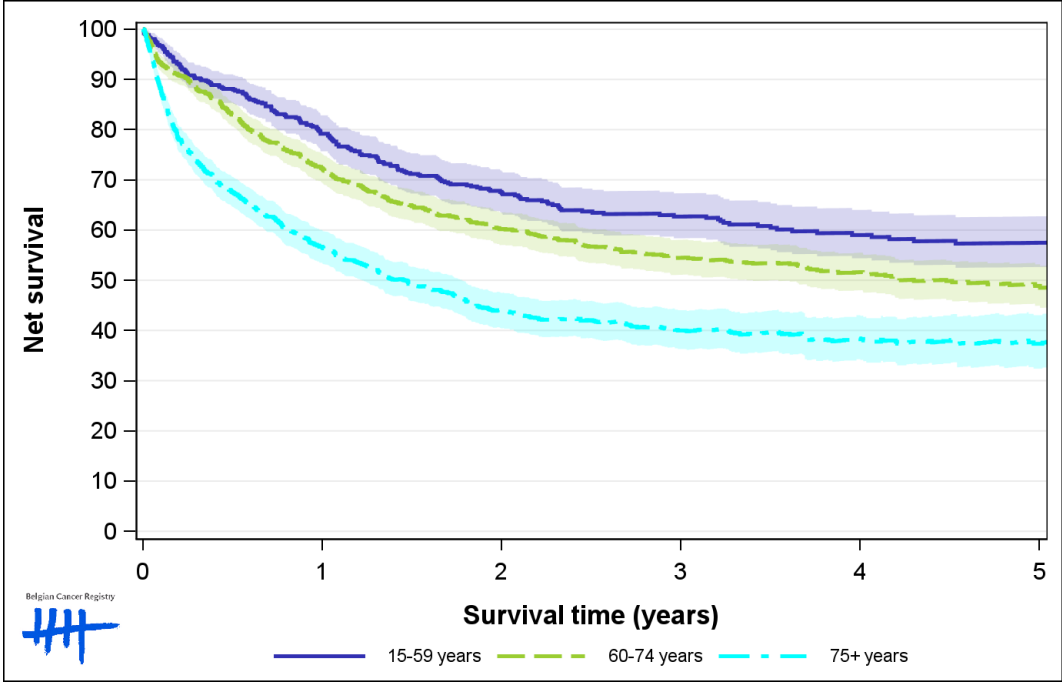


Figure 8: Stomach Cancer: net survival by age group in females, Belgium 2018-2022

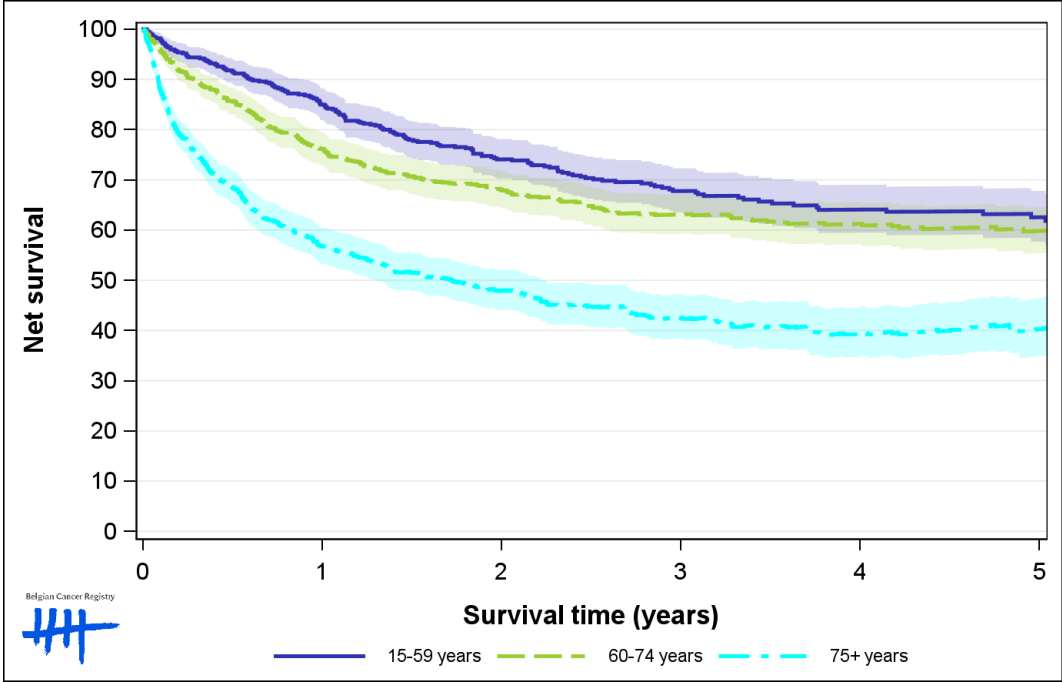


Figure 9: Stomach Cancer: net survival by region in males, Belgium 2018-2022

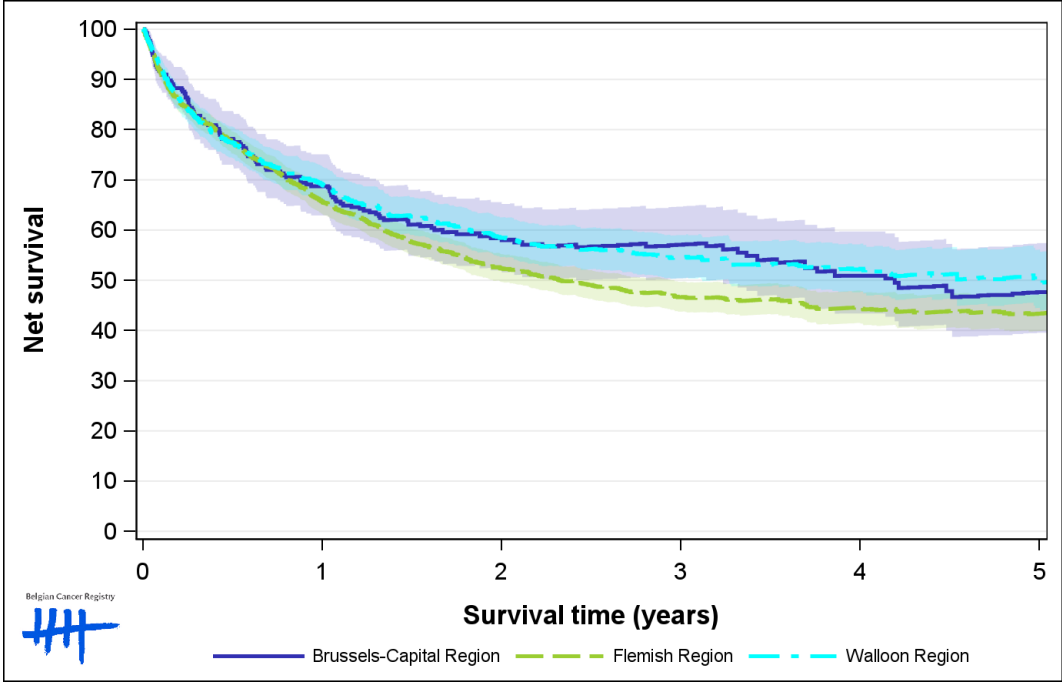


Figure 10: Stomach Cancer: net survival by region in females, Belgium 2018-2022

