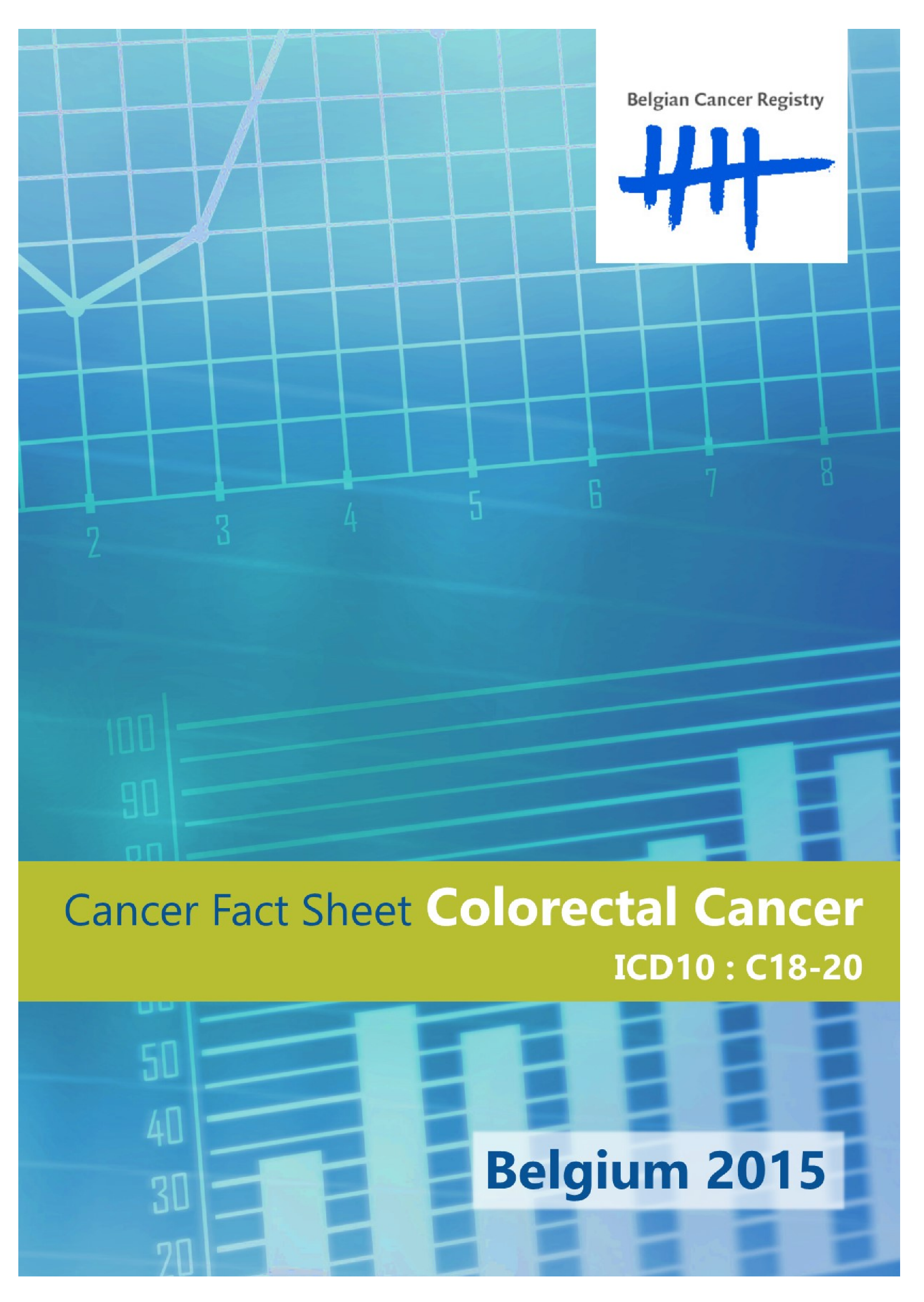


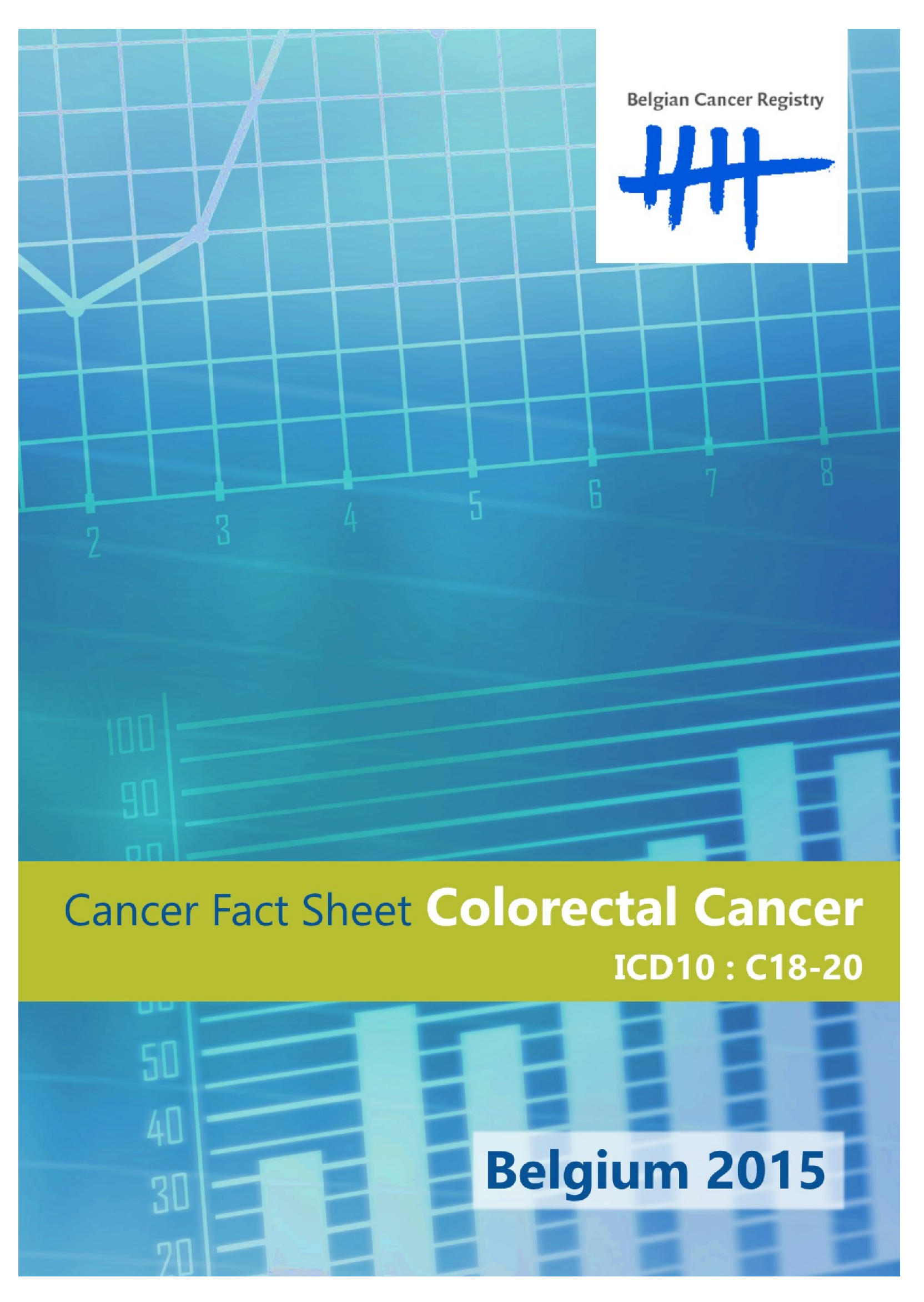


Belgian Cancer Registry



Cancer Fact Sheet **Colorectal Cancer**

ICD10 : C18-20



Belgium 2015

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

Table 1: Colorectal 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, 2015

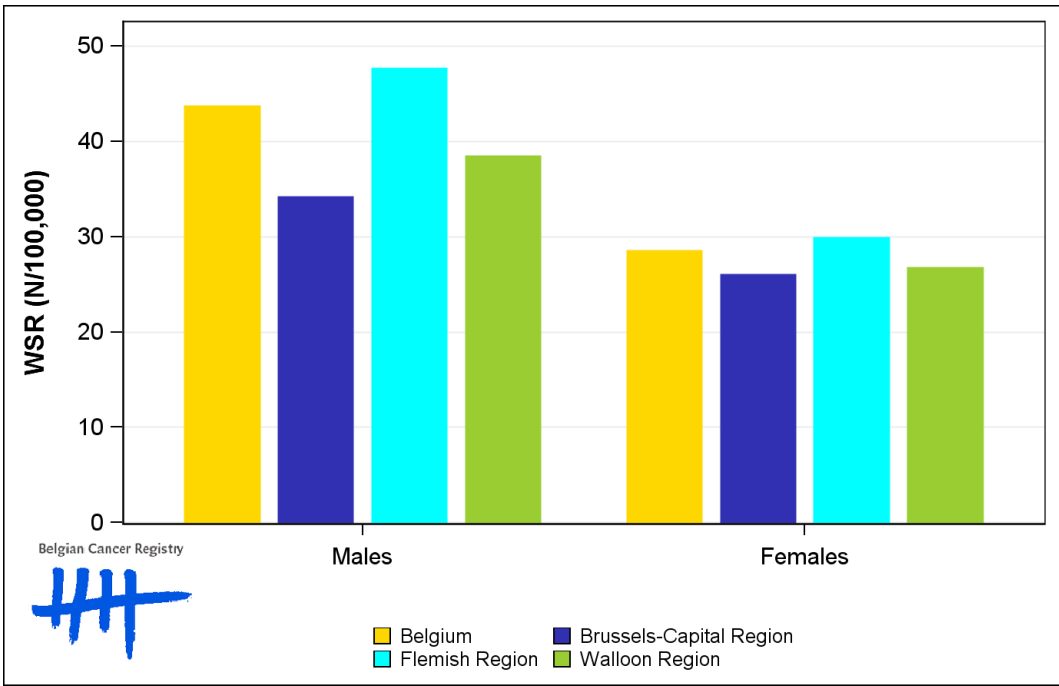
Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.0	4,887	88.8	65.1	43.7	5.10
Brussels-Capital Region	69.4	298	52.0	51.7	34.2	3.76
Flemish Region	70.2	3,269	102.7	70.5	47.6	5.59
Walloon Region	69.6	1,320	75.4	57.7	38.4	4.46

Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	71.2	3,840	67.3	41.7	28.5	3.19
Brussels-Capital Region	71.9	304	50.5	38.5	26.0	3.09
Flemish Region	71.2	2,377	72.9	43.6	29.9	3.33
Walloon Region	71.2	1,159	63.0	39.1	26.7	2.98

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: Colorectal Cancer: Age-standardised incidence rates by sex and region, 2015



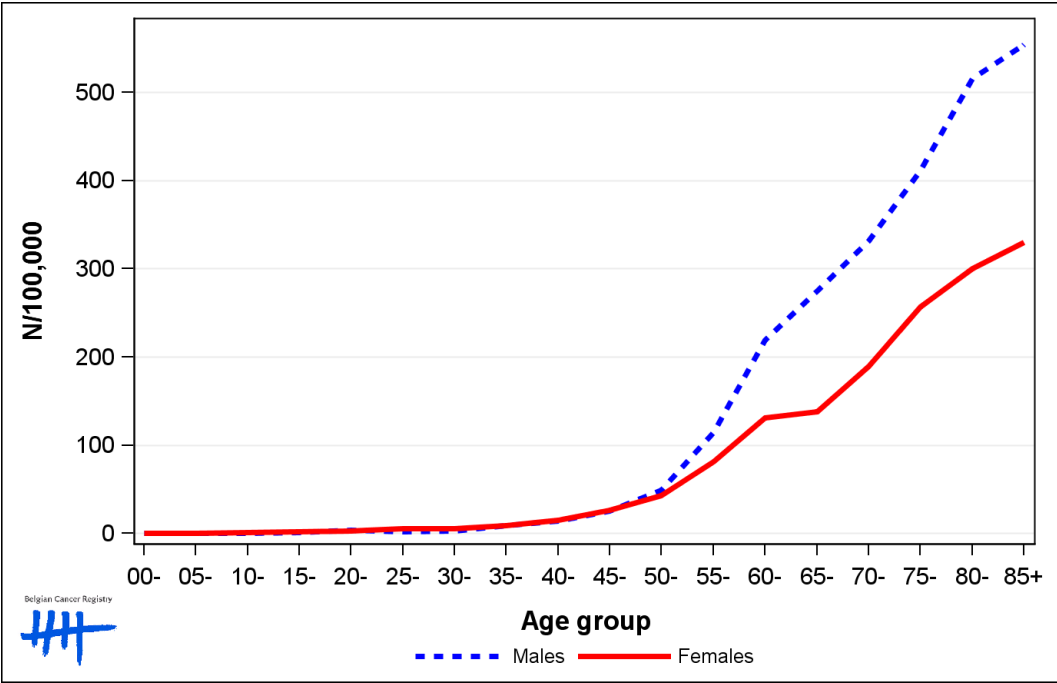
1.2. Age-specific incidence rates

Table 2: Colorectal Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2015

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.0	0.3	0.3	0.6	3.4	2.3	2.5	8.5	13.7	25.5	48.8	114.6	219.3	275.1	331.5	410.9	516.2	554.4	88.8	65.1	43.7
Females	0.0	0.0	1.0	2.3	2.6	5.0	5.8	8.9	14.9	26.0	42.7	80.9	131.1	137.7	189.8	256.4	300.4	330.3	67.3	41.7	28.5

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: Colorectal Cancer: Age-specific incidence rates by sex, 2015



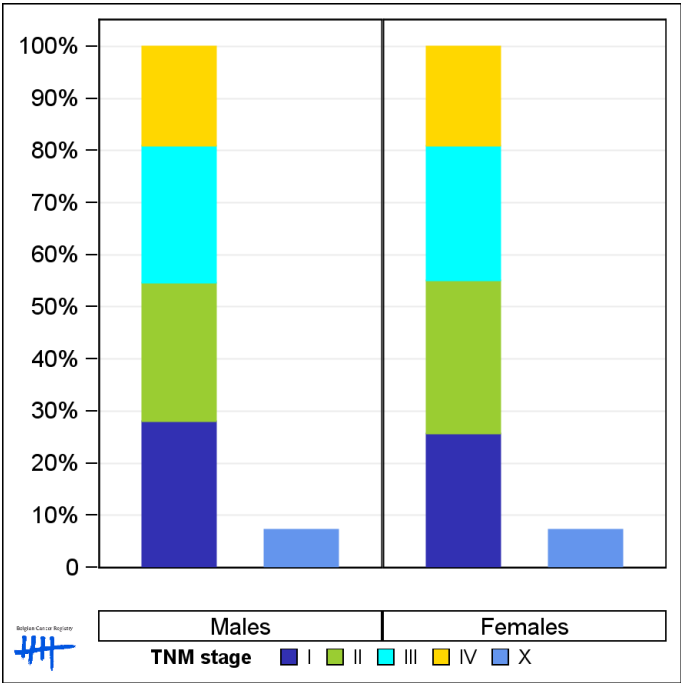
1.3. Combined stage

Table 3: Colorectal Cancer: Distribution of combined stage by sex, Belgium 2015

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	1,269	1,202	1,189	862	355	10	4,887
%	26.0	24.6	24.3	17.6	7.3	0.2	100
Females							
N	913	1,045	916	680	276	10	3,840
%	23.8	27.2	23.9	17.7	7.2	0.3	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: Colorectal Cancer: Bar chart of known combined stage by sex, Belgium 2015



1.4. Trends in incidence

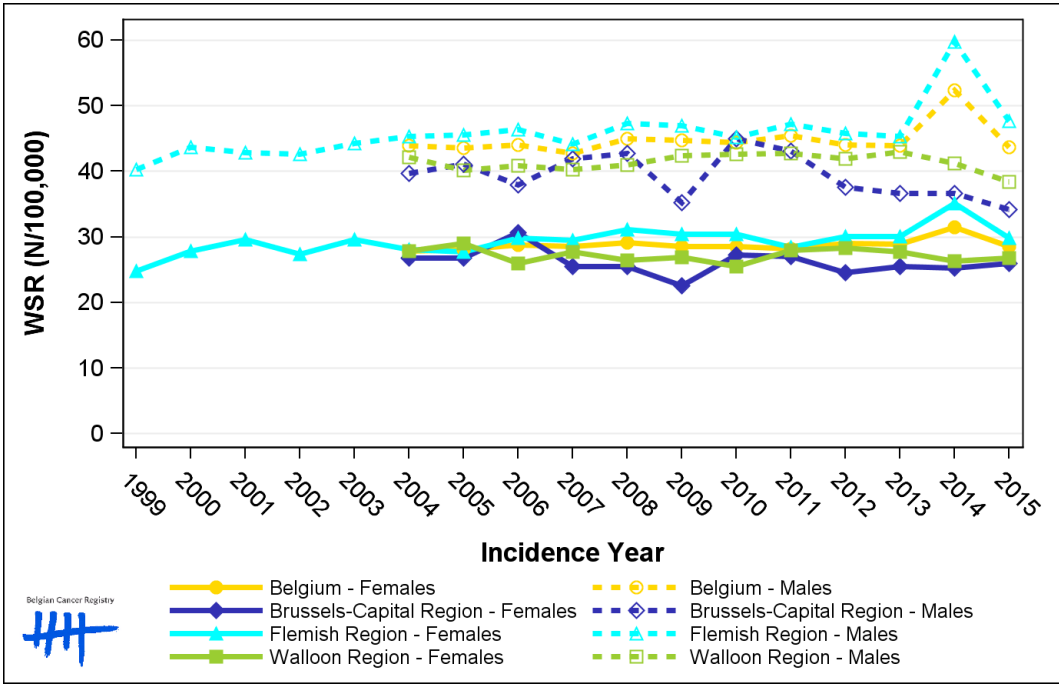
Table 4: Colorectal Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	AAPC	95% CI
Belgium				43.9	43.6	44.0	42.8	45.0	44.8	44.4	45.5	44.0	43.9	52.3	43.7	0.6	[-0.3; 1.5]
Brussels-Capital Region				39.7	41.1	38.0	42.0	42.8	35.3	44.9	43.1	37.6	36.6	36.7	34.2	-1.1	[-2.6; 0.4]
Flemish Region	42.9	42.6	44.2	45.3	45.6	46.3	44.2	47.3	47.0	45.2	47.2	45.8	45.3	59.8	47.6	1.1	[0.3; 1.9]
Walloon Region				42.2	40.1	40.8	40.3	41.0	42.4	42.6	42.7	42.0	43.0	41.3	38.4	-0.5	[-0.9; -0.0]

Females	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	AAPC	95% CI
Belgium				27.8	28.1	28.7	28.5	29.1	28.6	28.5	28.2	29.1	28.9	31.5	28.5	0.5	[-0.1; 1.0]
Brussels-Capital Region				26.8	26.8	30.7	25.4	25.4	22.5	27.3	27.1	24.6	25.5	25.3	26.0	-0.7	[-2.0; 0.6]
Flemish Region	29.6	27.4	29.6	28.1	27.8	29.9	29.4	31.1	30.5	30.4	28.4	30.1	30.1	35.1	29.9	0.7	[0.1; 1.4]
Walloon Region				27.8	29.0	26.0	27.7	26.4	26.9	25.5	28.0	28.3	27.7	26.4	26.7	-0.2	[-0.9; 0.5]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
AAPC = Average Annual Percentage Change over the 2004-2015 period (except for the Flemish region : 2001-2015).

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



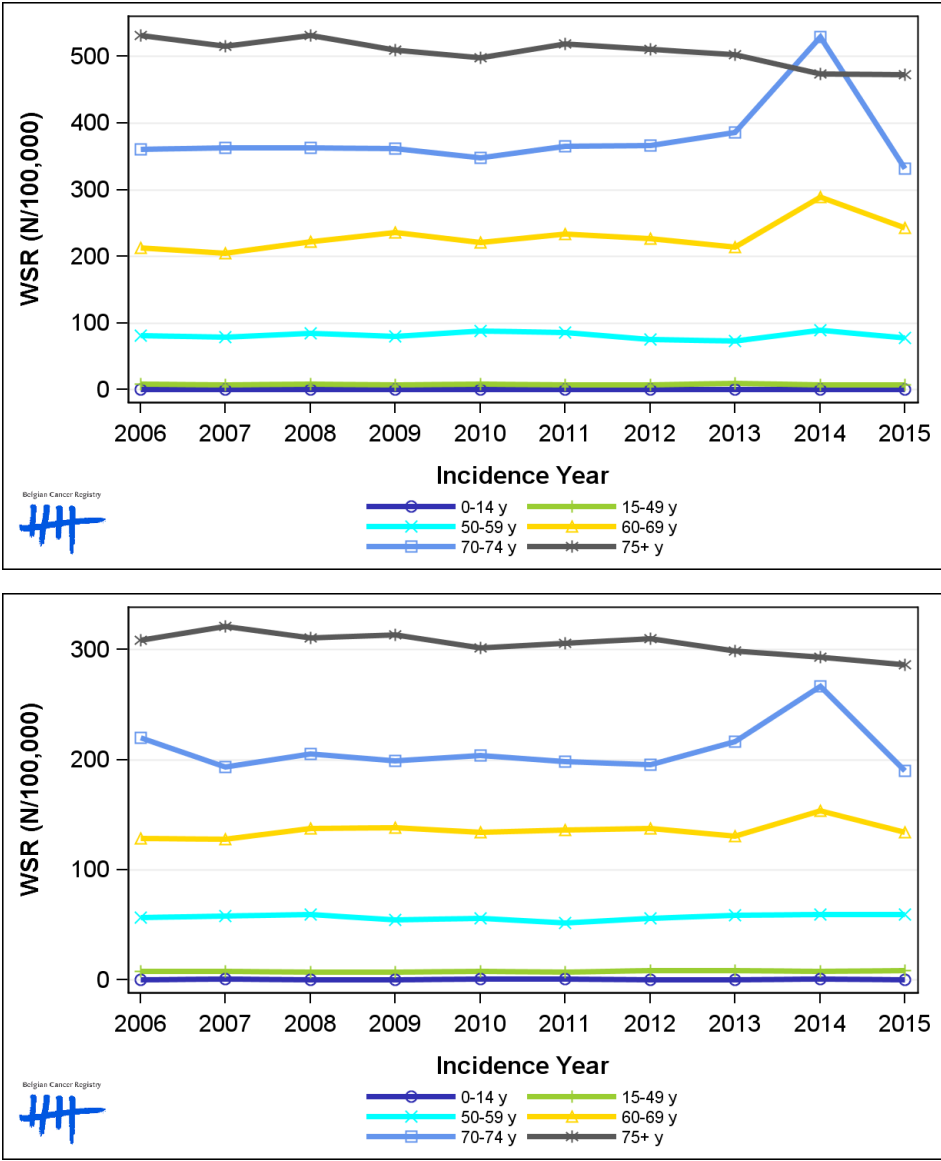
1.5. Incidence by broad age groups

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

	N										WSR									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Males																				
All ages	4,259	4,249	4,511	4,531	4,578	4,789	4,738	4,795	5,597	4,887	44.0	42.8	45.0	44.8	44.4	45.5	44.0	43.9	52.3	43.7
0-14 y	3	3	1	3	5	2	3	4	5	2	0.3	0.3	0.1	0.3	0.5	0.2	0.3	0.4	0.5	0.2
15-49 y	241	235	248	218	244	232	239	275	244	218	7.9	7.5	8.0	7.2	7.9	7.5	7.7	9.0	7.8	7.2
50-59 y	575	564	613	588	652	642	578	567	704	629	81.1	78.8	85.0	80.2	88.1	85.4	75.6	73.1	89.2	78.0
60-69 y	1,039	1,019	1,129	1,226	1,176	1,283	1,298	1,275	1,775	1,506	213.0	204.8	221.8	236.3	221.4	234.0	226.3	214.1	289.3	243.2
70-74 y	749	745	743	746	721	749	729	753	1,034	660	360.6	363.0	363.1	361.6	348.1	364.8	366.3	386.3	529.6	331.5
75+ y	1,652	1,683	1,777	1,750	1,780	1,881	1,891	1,921	1,835	1,872	531.1	515.6	531.6	509.6	497.6	519.1	510.7	503.0	474.2	473.1
Females																				
All ages	3,584	3,645	3,708	3,730	3,736	3,753	3,887	3,883	4,127	3,840	28.7	28.5	29.1	28.6	28.5	28.2	29.1	28.9	31.5	28.5
0-14 y	3	6	5	4	9	6	2	5	7	3	0.3	0.6	0.5	0.4	0.9	0.6	0.2	0.5	0.7	0.3
15-49 y	237	236	222	217	223	223	258	243	235	245	8.1	8.0	7.5	7.3	7.6	7.5	8.7	8.3	8.1	8.5
50-59 y	402	414	425	397	418	389	428	454	471	479	56.8	58.1	59.3	54.9	56.2	51.7	55.8	58.6	59.5	59.7
60-69 y	679	686	751	765	757	792	833	819	986	864	128.5	127.5	137.7	138.1	134.1	136.5	137.4	130.6	153.6	133.9
70-74 y	560	483	505	490	502	481	458	494	605	434	219.7	193.3	205.5	199.0	203.9	198.0	195.5	216.1	266.7	189.8
75+ y	1,703	1,820	1,800	1,857	1,827	1,862	1,908	1,868	1,823	1,815	308.7	321.1	310.9	313.3	301.4	305.9	309.6	299.0	293.2	285.9

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

Figure 5: Colorectal 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: Colorectal Cancer: 5-year relative survival proportion by sex, age group and region, Belgium 2011-2015

5-year relative survival 2011-2015 (%)						
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	23,958	68.7	[67.8, 69.7]	18,922	68.6	[67.6, 69.6]
Age group						
15-49 years	1,178	75.5	[72.4, 78.4]	1,181	78.4	[75.4, 81.1]
50-64 years	6,133	72.5	[71.0, 74.1]	4,098	74.2	[72.5, 75.9]
65+ years	16,654	66.8	[65.6, 68.2]	13,649	65.9	[64.7, 67.3]
Region						
Brussels-Capital Region	1,525	64.9	[61.1, 68.8]	1,474	63.8	[59.9, 67.7]
Flemish Region	15,833	70.8	[69.7, 72.0]	11,761	71.0	[69.7, 72.3]
Walloon Region	6,601	64.7	[62.9, 66.6]	5,687	64.8	[62.9, 66.7]

Figure 6: Colorectal Cancer: relative survival proportion by sex, Belgium 2011-2015

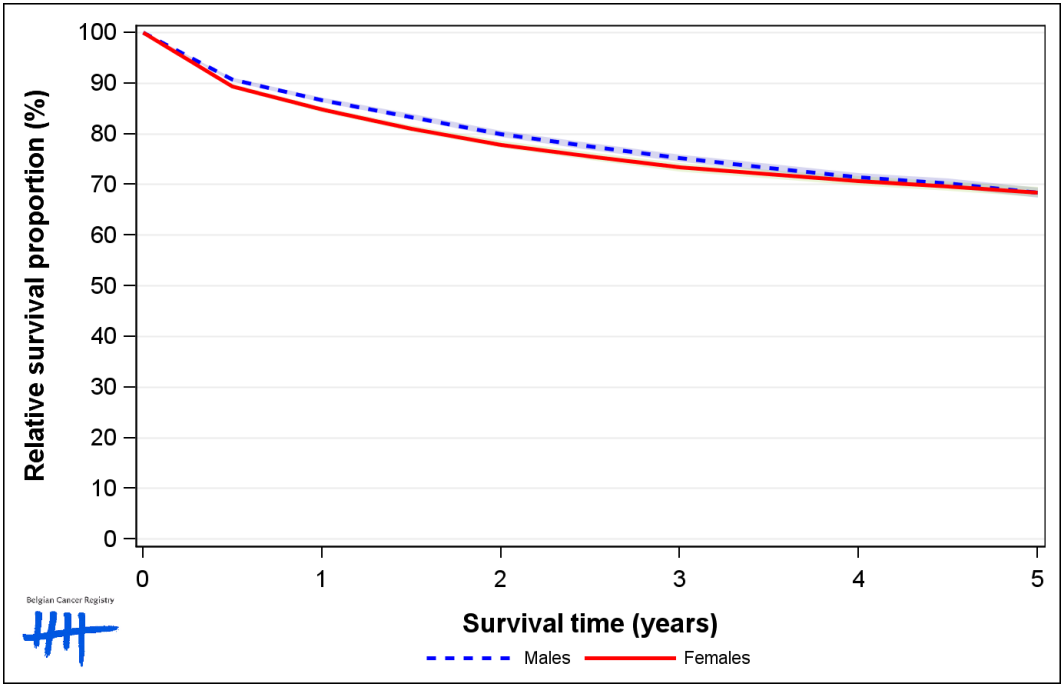


Figure 7: Colorectal Cancer: relative survival proportion by age group in males, Belgium 2011-2015

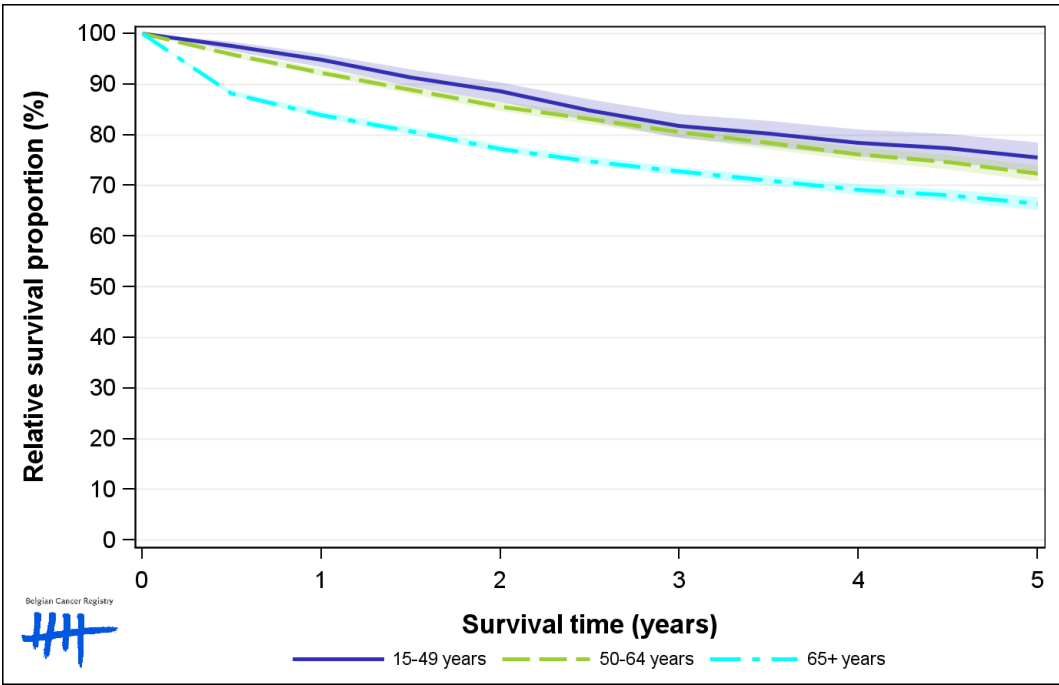


Figure 8: Colorectal Cancer: relative survival proportion by age group in females, Belgium 2011-2015

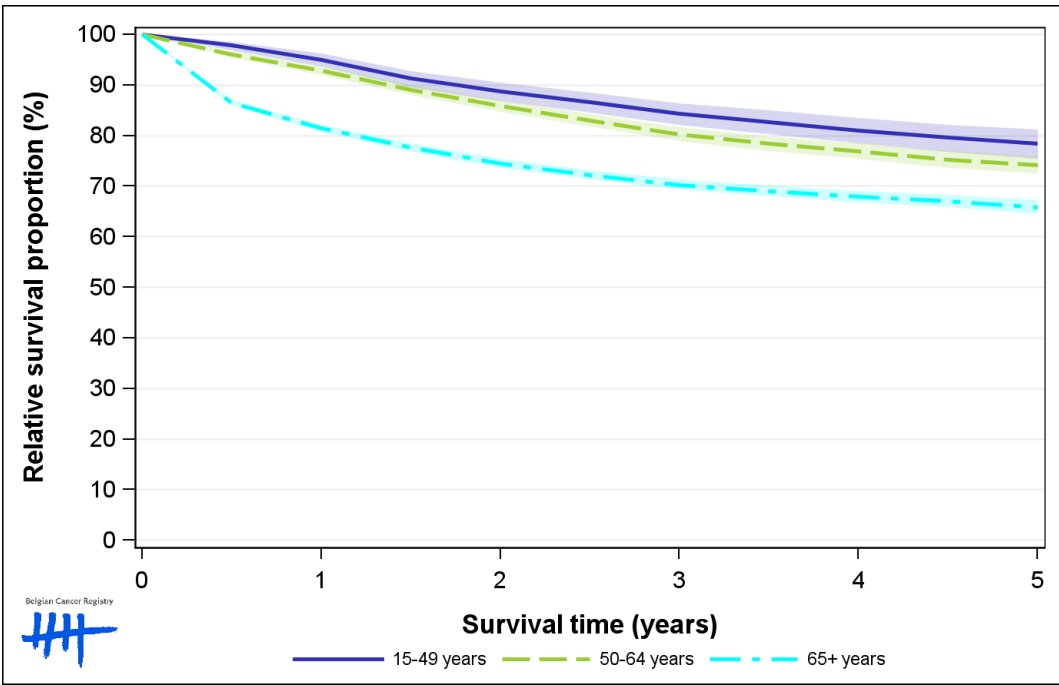


Figure 9: Colorectal Cancer: relative survival proportion by region in males, Belgium 2011-2015

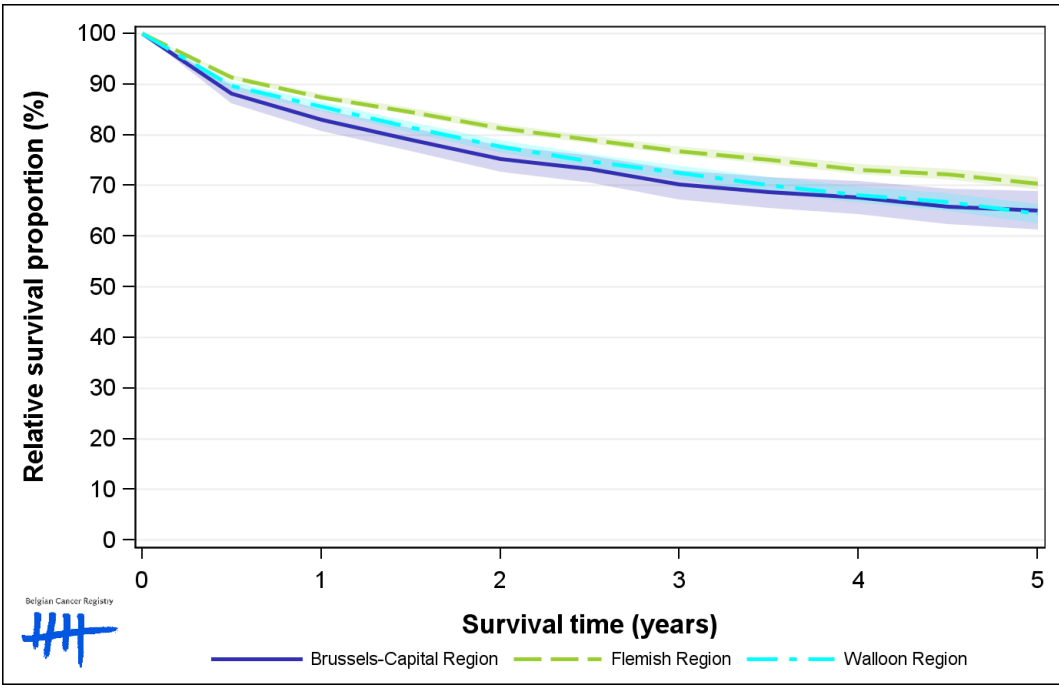


Figure 10: Colorectal Cancer: relative survival proportion by region in females, Belgium 2011-2015

