



Belgian Cancer Registry



Cancer Fact Sheet **Pancreatic Cancer**

ICD10 : C25

Belgium 2020

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

Table 1: Pancreatic 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	69.8	1,028	18.2	12.7	8.5	1.02
Brussels-Capital Region	67.2	65	10.9	10.8	7.3	0.83
Flemish Region	70.4	614	18.7	12.1	8.1	0.95
Walloon Region	69.1	349	19.6	14.3	9.6	1.19

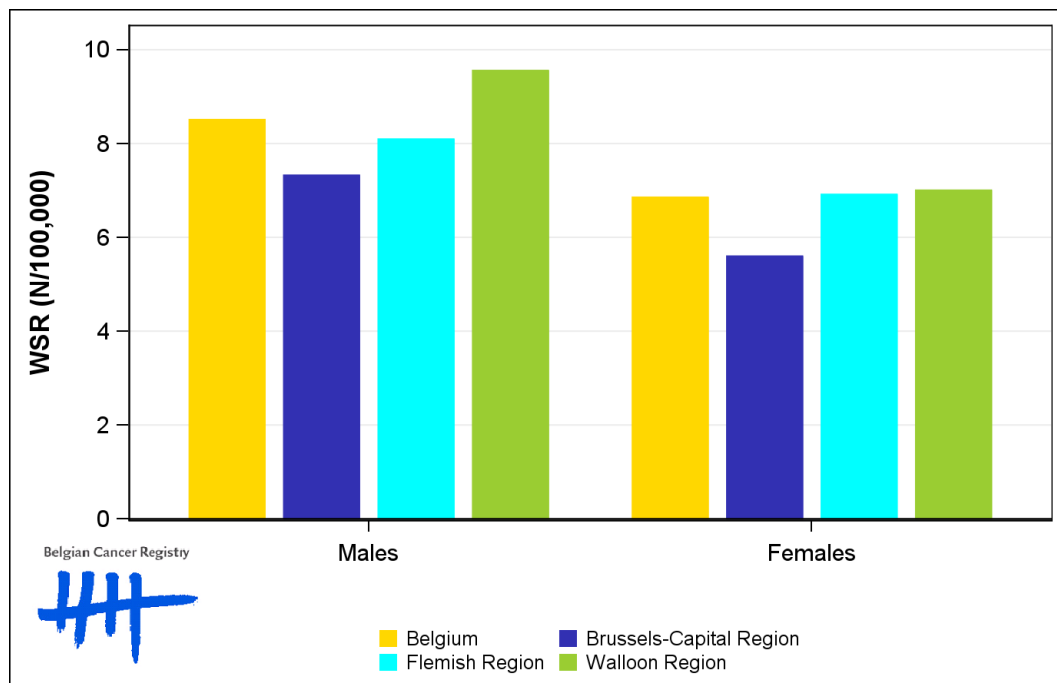
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	72.1	1,015	17.4	10.3	6.9	0.83
Brussels-Capital Region	70.4	67	10.8	8.4	5.6	0.64
Flemish Region	72.7	624	18.6	10.4	6.9	0.84
Walloon Region	71.3	324	17.4	10.5	7.0	0.87

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: Pancreatic Cancer: Age-standardised incidence rates by sex and region, 2020



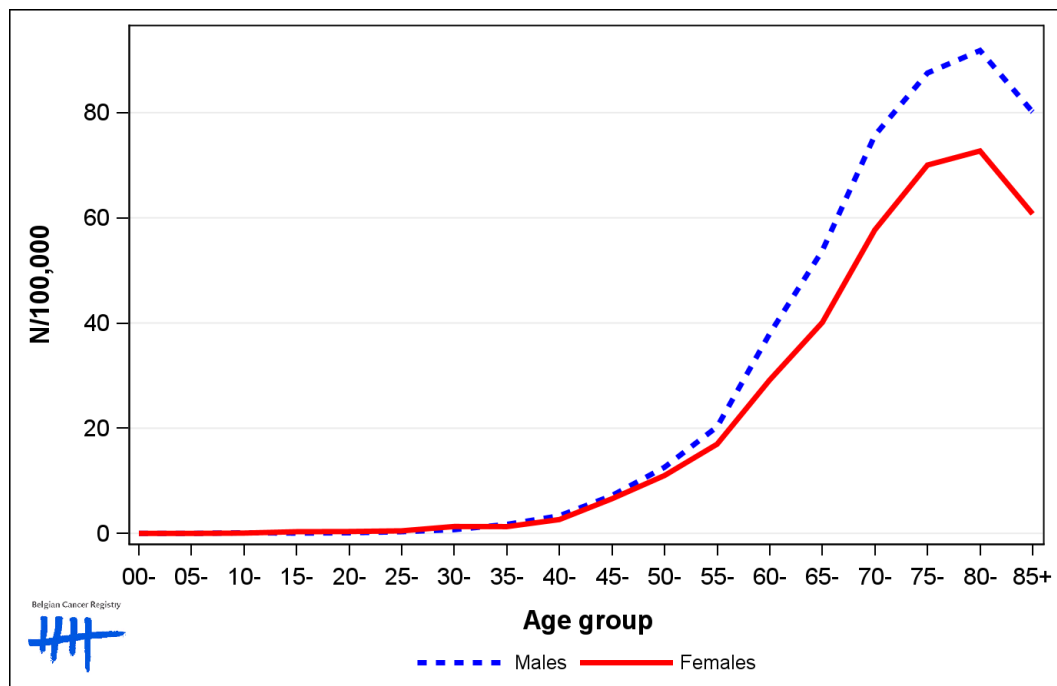
1.2. Age-specific incidence rates

Table 2: Pancreatic 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	0.3	0.0	0.3	0.5	0.5	2.1	4.0	4.6	14.5	19.7	34.5	51.6	72.5	99.2	94.2	76.2	18.2	12.7	8.5
Females	0.0	0.0	0.0	0.3	0.6	0.8	1.9	0.8	1.1	4.5	10.8	15.8	25.9	40.8	64.3	75.0	88.4	61.7	17.4	10.3	6.9

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: Pancreatic Cancer: Age-specific incidence rates by sex, 2016-2020



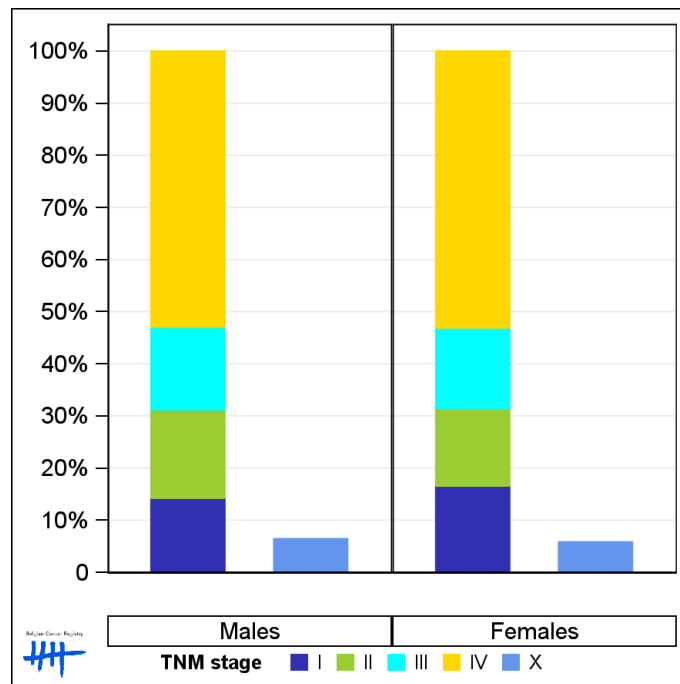
1.3. Combined stage

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

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	137	163	153	509	66	0	1,028
%	13.3	15.9	14.9	49.5	6.4	0.0	100
Females							
N	158	143	147	507	59	1	1,015
%	15.6	14.1	14.5	50.0	5.8	<0.1	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: Pancreatic Cancer: Bar chart of known combined stage by sex, Belgium 2020



1.4. Trends in incidence

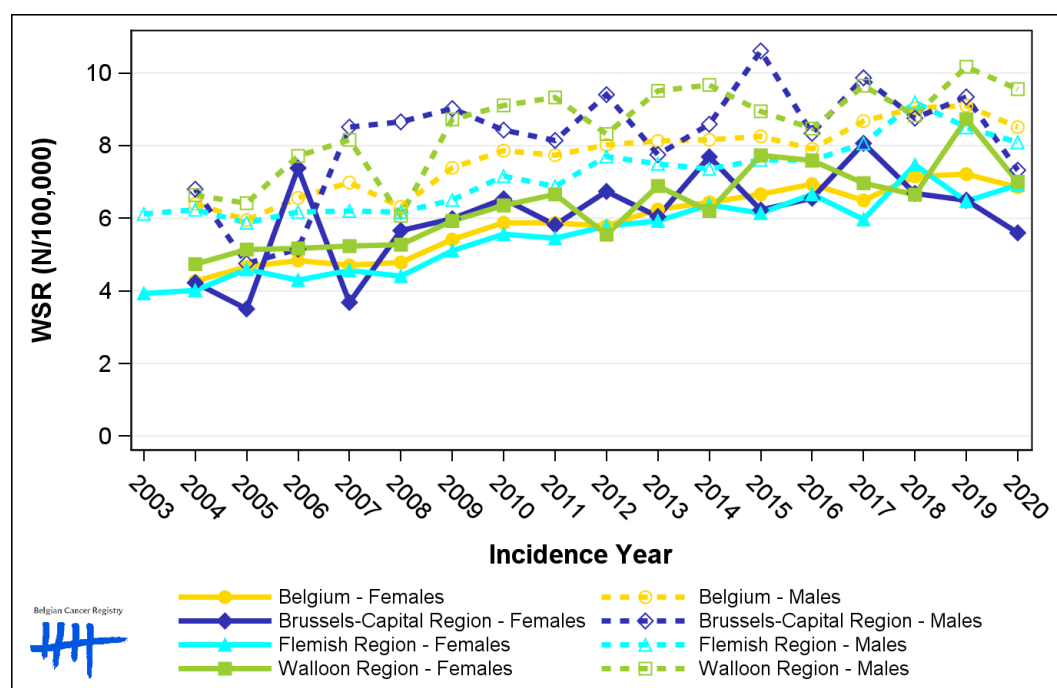
Table 4: Pancreatic Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	AAPC	95% CI
Belgium	6.6	7.0	6.3	7.4	7.9	7.7	8.0	8.1	8.2	8.3	7.9	8.7	9.0	9.1	8.5	2.4	[1.8; 3.0]
Brussels-Capital Region	5.2	8.5	8.7	9.0	8.4	8.1	9.4	7.8	8.6	10.6	8.3	9.9	8.8	9.3	7.3	0.5	[-1.6; 2.7]
Flemish Region	6.2	6.2	6.2	6.5	7.2	6.9	7.7	7.5	7.4	7.6	7.6	8.1	9.2	8.5	8.1	2.5	[1.9; 3.2]
Walloon Region	7.7	8.2	6.1	8.7	9.1	9.3	8.3	9.5	9.7	8.9	8.5	9.6	8.8	10.2	9.6	1.8	[0.5; 3.1]

Females	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	AAPC	95% CI
Belgium	4.8	4.7	4.8	5.4	5.9	5.9	5.8	6.2	6.4	6.7	6.9	6.5	7.2	7.2	6.9	2.9	[2.4; 3.5]
Brussels-Capital Region	7.4	3.7	5.7	6.0	6.5	5.8	6.7	6.0	7.7	6.2	6.6	8.1	6.7	6.5	5.6	1.4	[-0.9; 3.7]
Flemish Region	4.3	4.6	4.4	5.1	5.6	5.5	5.8	5.9	6.4	6.1	6.7	6.0	7.5	6.5	6.9	3.5	[2.7; 4.2]
Walloon Region	5.2	5.2	5.3	5.9	6.4	6.7	5.6	6.9	6.2	7.7	7.6	7.0	6.7	8.7	7.0	2.9	[1.7; 4.1]

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



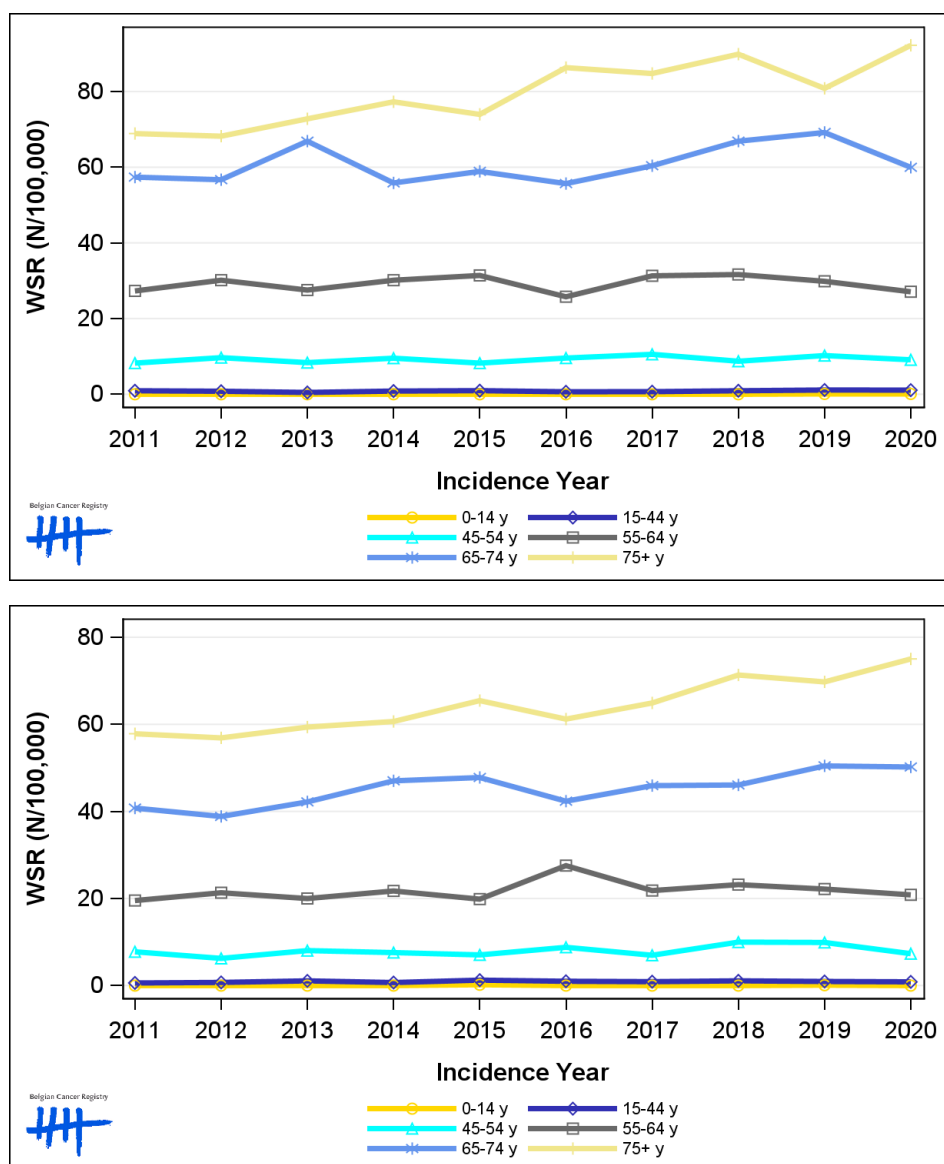
1.5. Incidence by broad age groups

Table 5: Pancreatic 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	782	814	860	873	890	899	982	1,048	1,044	1,028	7.7	8.0	8.1	8.2	8.3	7.9	8.7	9.0	9.1	8.5
0-14 y	0	0	0	0	0	0	0	0	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	<0.1
15-44 y	23	21	13	21	25	17	18	24	29	28	0.9	0.8	0.5	0.8	1.0	0.7	0.7	0.9	1.1	1.1
45-54 y	68	81	70	80	69	81	87	72	83	76	8.2	9.7	8.4	9.5	8.2	9.6	10.6	8.7	10.2	9.1
55-64 y	182	199	186	206	216	179	221	228	219	202	27.3	30.1	27.5	30.1	31.4	25.8	31.3	31.6	29.9	27.1
65-74 y	254	257	310	266	287	280	317	365	386	343	57.4	56.7	66.9	55.8	58.9	55.7	60.4	66.9	69.2	60.0
75+ y	255	256	281	300	293	342	339	359	326	378	68.9	68.2	72.8	77.3	74.0	86.3	84.8	89.9	80.8	92.2
Females																				
All ages	758	749	815	848	892	900	898	987	995	1,015	5.9	5.8	6.2	6.4	6.7	6.9	6.5	7.2	7.2	6.9
0-14 y	0	0	0	0	2	0	0	0	1	0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	<0.1	0.0
15-44 y	15	19	27	17	31	24	22	28	22	20	0.6	0.7	1.1	0.7	1.3	1.0	0.9	1.1	0.9	0.9
45-54 y	63	51	66	63	59	71	57	82	78	59	7.8	6.3	8.0	7.6	7.1	8.8	7.0	10.0	9.9	7.3
55-64 y	133	146	138	150	141	197	159	170	165	158	19.5	21.3	20.0	21.7	19.9	27.6	21.8	23.2	22.2	20.8
65-74 y	205	199	220	250	258	234	268	277	307	317	40.8	38.8	42.2	47.0	47.8	42.3	45.9	46.1	50.5	50.2
75+ y	342	334	364	368	401	374	392	430	422	461	57.8	56.9	59.4	60.7	65.5	61.2	64.9	71.3	69.8	75.0

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

Figure 5: Pancreatic 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: Pancreatic 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	4,974	13.5	[12.2, 14.9]	4,776	13.2	[12.0, 14.5]
Age group						
15-59 years	906	22.1	[18.6, 25.7]	787	30.6	[26.6, 34.6]
60-74 years	2,330	14.4	[12.5, 16.5]	1,912	13.6	[11.7, 15.7]
75+ years	1,738	7.7	[5.9, 9.9]	2,077	6.2	[4.8, 7.8]
Region						
Brussels-Capital Region	356	7.1	[4.1, 11.4]	375	11.3	[7.7, 15.7]
Flemish Region	2,989	14.9	[13.2, 16.7]	2,811	13.9	[12.3, 15.7]
Walloon Region	1,629	12.6	[10.4, 15.1]	1,590	12.4	[10.3, 14.6]

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

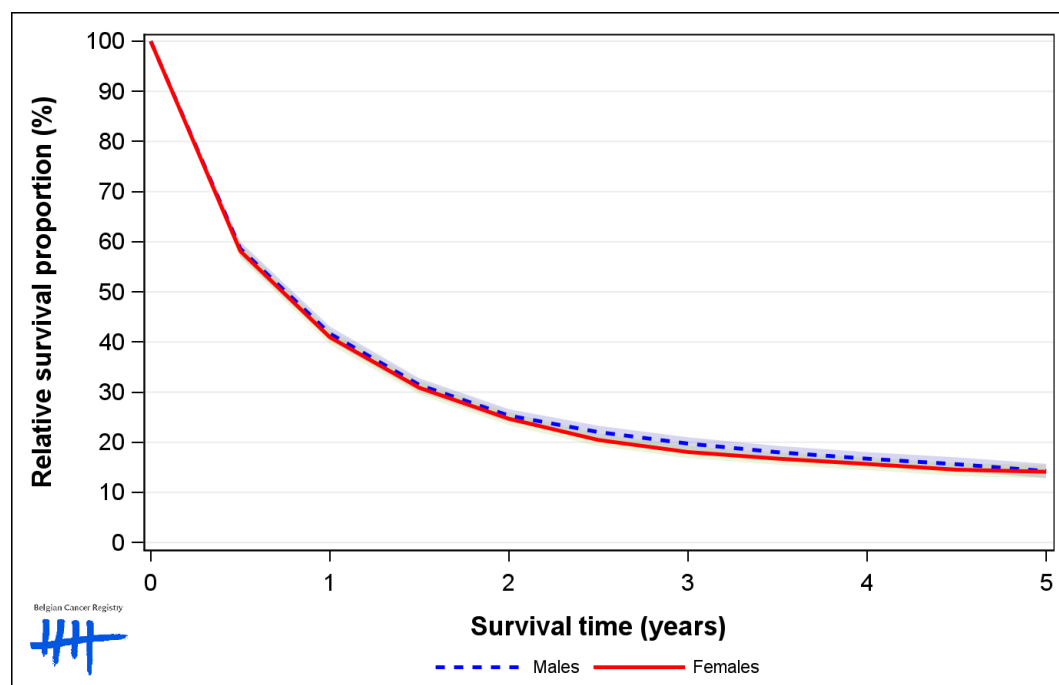


Figure 7: Pancreatic Cancer: relative survival proportion by age group in males, Belgium 2016-2020

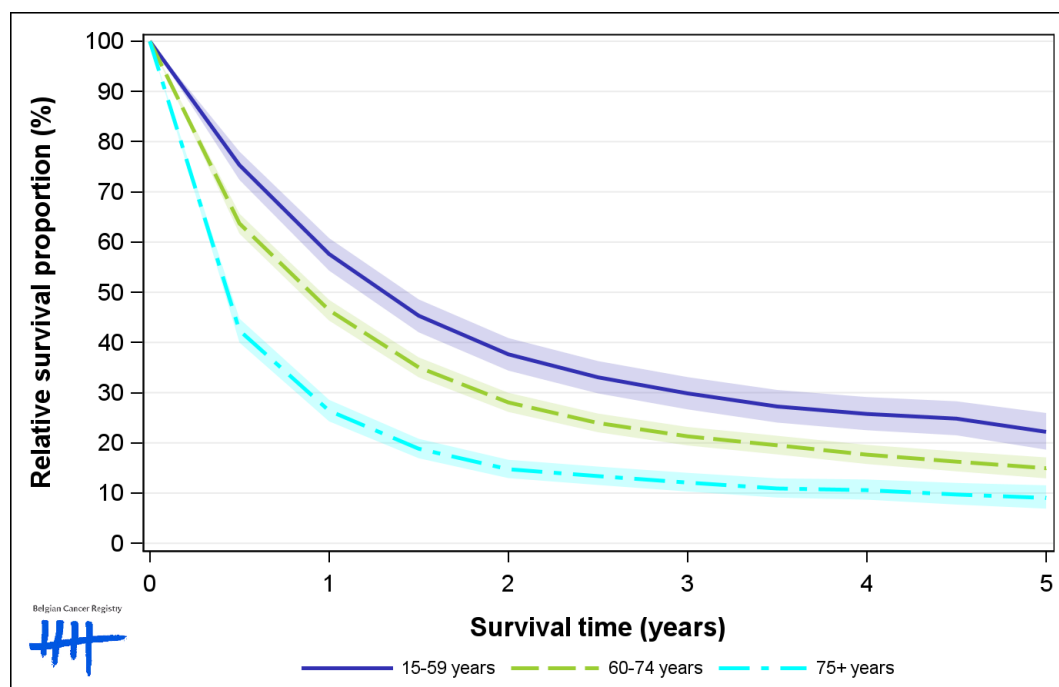


Figure 8: Pancreatic Cancer: relative survival proportion by age group in females, Belgium 2016-2020

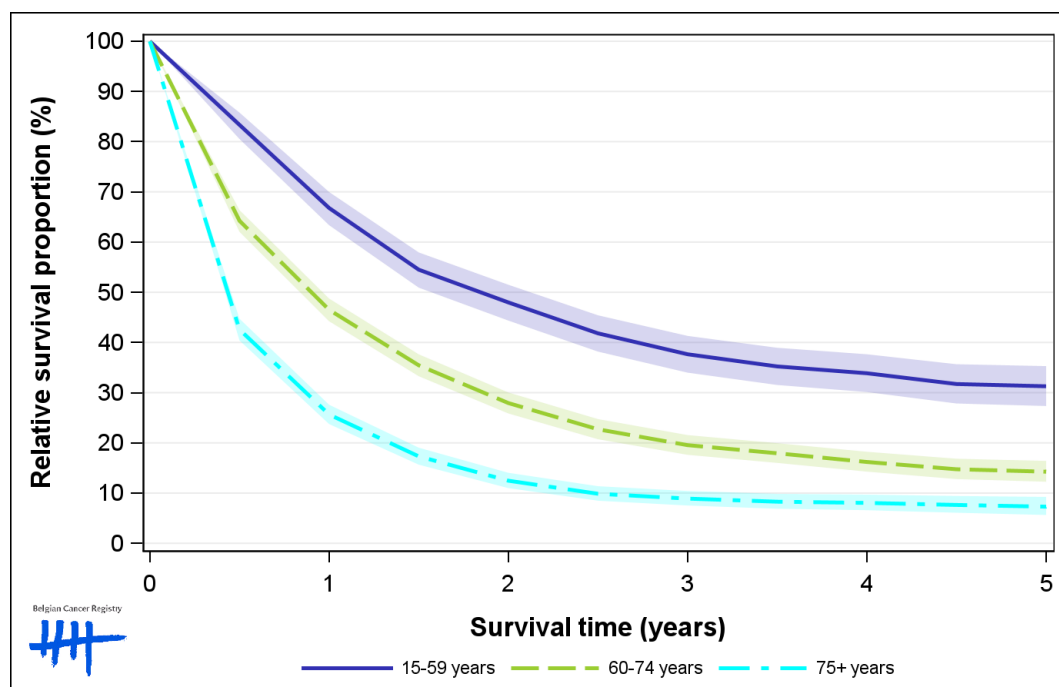


Figure 9: Pancreatic Cancer: relative survival proportion by region in males, Belgium 2016-2020

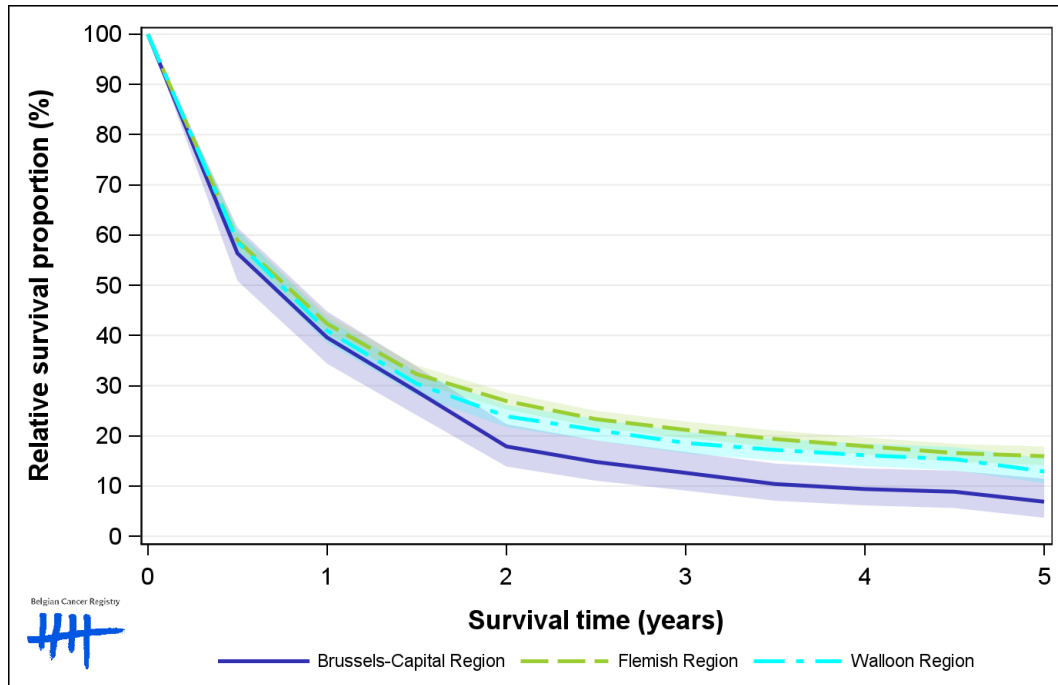


Figure 10: Pancreatic Cancer: relative survival proportion by region in females, Belgium 2016-2020

