

Belgian Cancer Registry



Cancer Fact Sheet **Pancreatic Cancer**

ICD10 : C25

Belgium 2021

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, 2021

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	69.3	1,156	20.4	14.2	9.6	1.18
Brussels-Capital Region	68.6	83	13.9	13.8	9.3	1.15
Flemish Region	69.9	671	20.4	13.2	8.9	1.10
Walloon Region	68.6	402	22.5	16.3	11.0	1.34

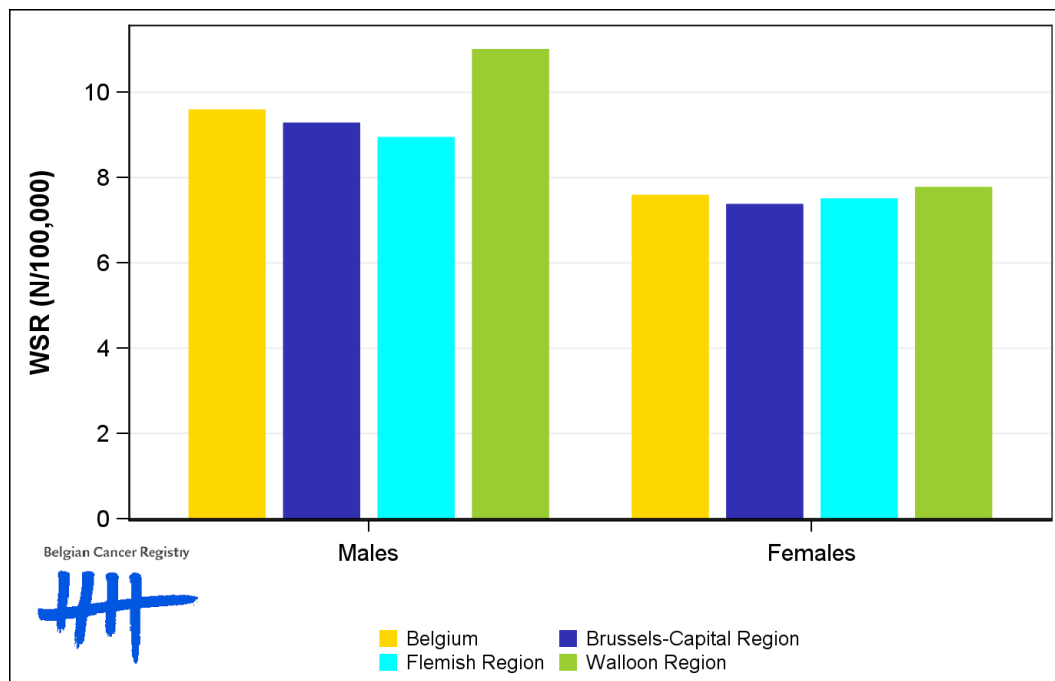
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	71.4	1,086	18.6	11.2	7.6	0.90
Brussels-Capital Region	68.4	79	12.7	10.7	7.4	0.83
Flemish Region	72.0	659	19.6	11.0	7.5	0.89
Walloon Region	71.0	348	18.7	11.4	7.8	0.95

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, 2021



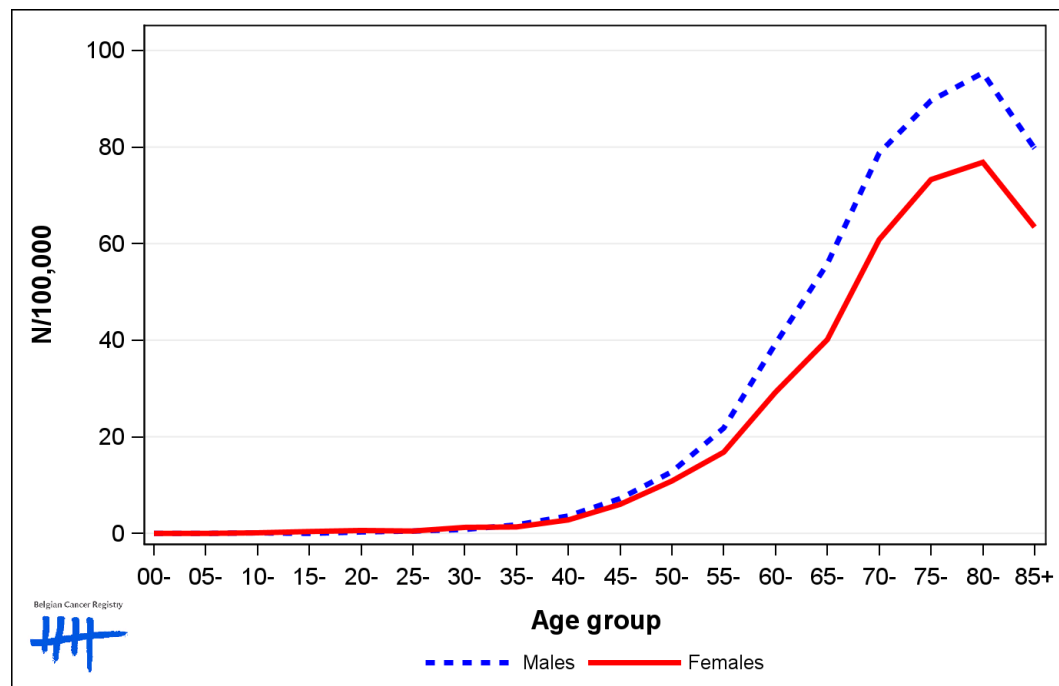
1.2. Age-specific incidence rates

Table 2: Pancreatic Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2021

	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	0.9	0.8	1.1	1.6	3.7	6.6	14.6	24.5	41.6	58.1	83.4	94.7	105.6	81.8	20.4	14.2	9.6
Females	0.0	0.0	0.3	0.6	1.2	1.1	0.8	2.1	2.9	5.1	9.5	20.2	34.2	39.5	63.8	78.8	76.8	72.9	18.6	11.2	7.6

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: Pancreatic Cancer: Age-specific incidence rates by sex, 2017-2021



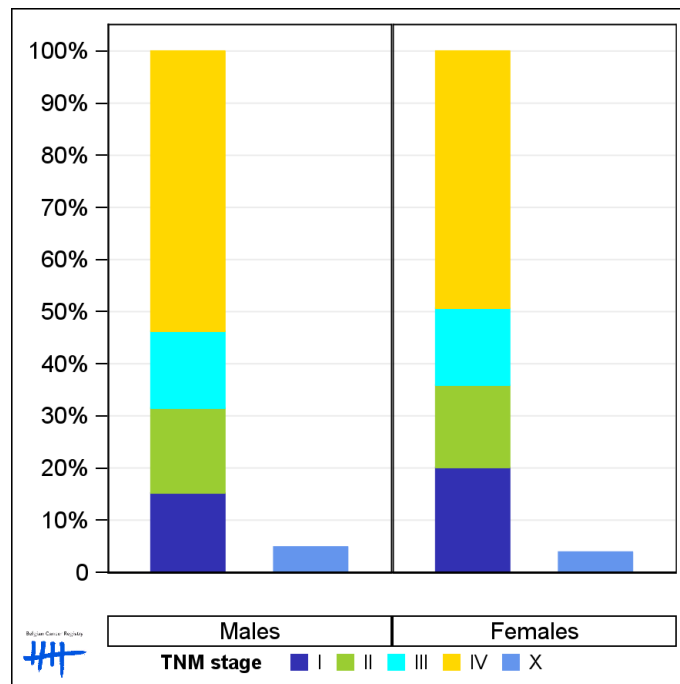
1.3. Combined stage

Table 3: Pancreatic Cancer: Distribution of combined stage by sex, Belgium 2021

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	167	179	162	590	56	2	1,156
%	14.4	15.5	14.0	51.0	4.8	0.2	100
Females							
N	210	165	154	515	42	0	1,086
%	19.3	15.2	14.2	47.4	3.9	0.0	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: Pancreatic Cancer: Bar chart of known combined stage by sex, Belgium 2021



1.4. Trends in incidence

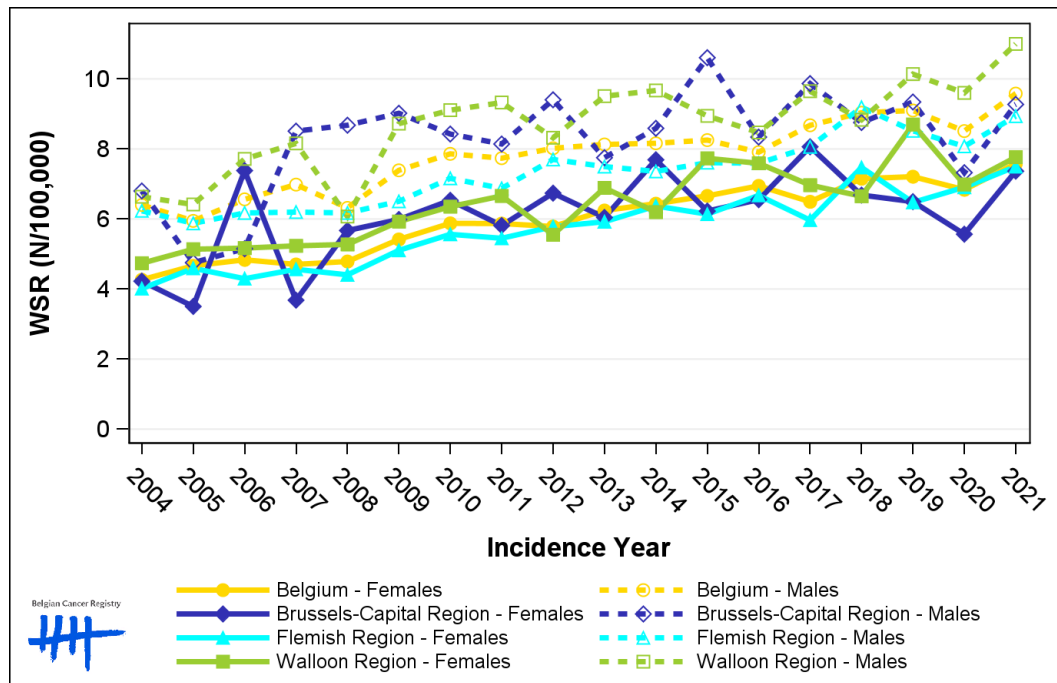
Table 4: Pancreatic Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	AAPC	95% CI
Belgium	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	9.6	2.1	[1.5; 2.8]
Brussels-Capital Region	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	9.3	0.2	[-1.0; 1.4]
Flemish Region	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	8.9	2.5	[1.9; 3.2]
Walloon Region	8.2	6.1	8.7	9.1	9.3	8.3	9.5	9.7	8.9	8.5	9.6	8.8	10.1	9.6	11.0	2.0	[0.7; 3.4]

Females	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	AAPC	95% CI
Belgium	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	6.8	7.6	3.1	[2.6; 3.7]
Brussels-Capital Region	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	7.4	3.0	[1.2; 4.9]
Flemish Region	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	7.5	3.6	[2.8; 4.4]
Walloon Region	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	7.8	2.7	[1.5; 3.9]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
 AAPC = Average Annual Percentage Change over the 2007-2021 period

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



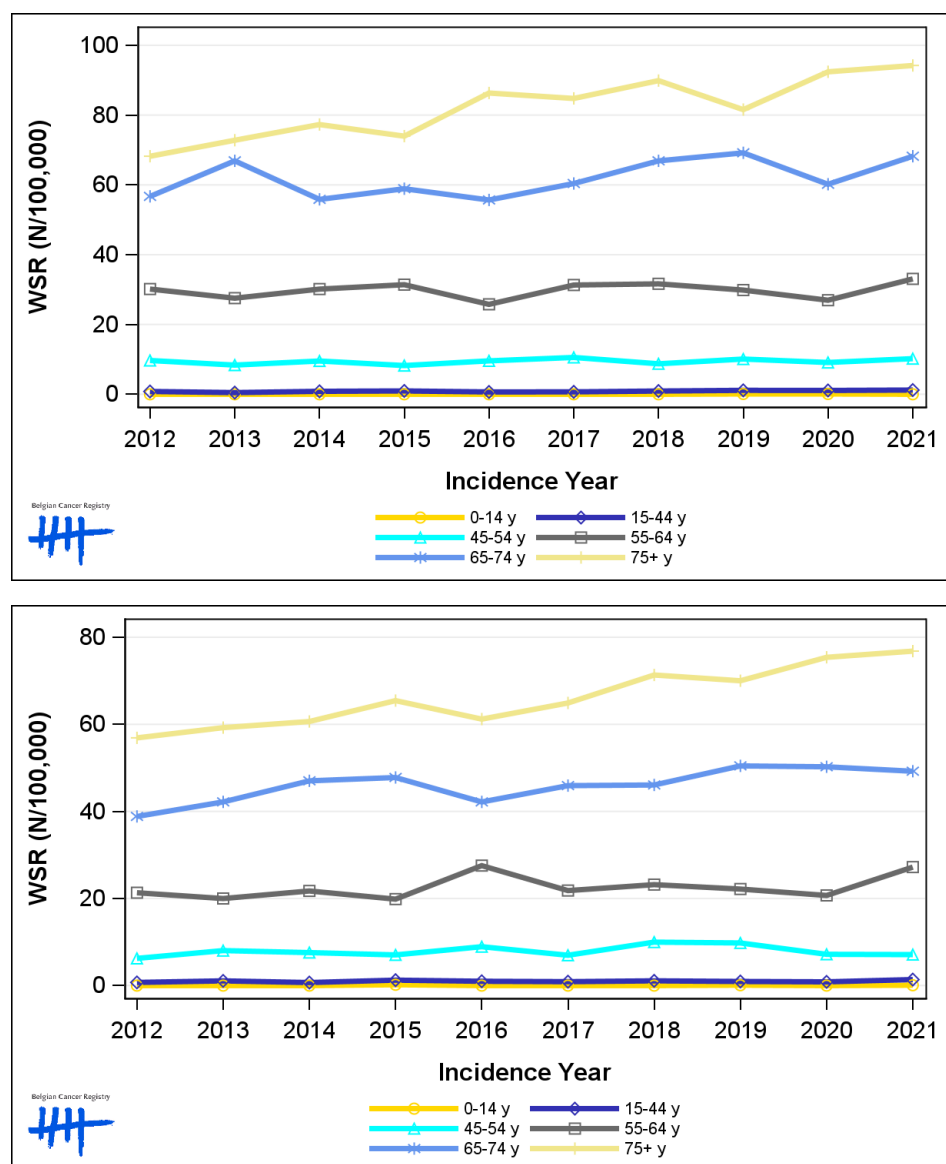
1.5. Incidence by broad age groups

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									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Males																				
All ages	814	860	873	890	899	982	1,048	1,046	1,029	1,156	8.0	8.1	8.2	8.3	7.9	8.7	9.0	9.1	8.5	9.6
0-14 y	0	0	0	0	0	0	0	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	<0.1	0.0
15-44 y	21	13	21	25	17	18	24	29	28	30	0.8	0.5	0.8	1.0	0.7	0.7	0.9	1.1	1.1	1.2
45-54 y	81	70	80	69	81	87	72	82	76	83	9.7	8.4	9.5	8.2	9.6	10.6	8.7	10.1	9.1	10.2
55-64 y	199	186	206	216	179	221	228	219	201	250	30.1	27.5	30.1	31.4	25.8	31.3	31.6	29.9	27.0	33.1
65-74 y	257	310	266	287	280	317	365	386	344	399	56.7	66.9	55.8	58.9	55.7	60.4	66.9	69.2	60.2	68.2
75+ y	256	281	300	293	342	339	359	329	379	394	68.2	72.8	77.3	74.0	86.3	84.8	89.9	81.6	92.4	94.2
Females																				
All ages	749	814	848	892	900	898	987	996	1,016	1,086	5.8	6.2	6.4	6.7	6.9	6.5	7.2	7.2	6.8	7.6
0-14 y	0	0	0	2	0	0	0	1	0	1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	<0.1	0.0	<0.1
15-44 y	19	27	17	31	24	22	28	22	20	32	0.7	1.1	0.7	1.3	1.0	0.9	1.1	0.9	0.9	1.4
45-54 y	51	66	63	59	72	57	82	77	58	56	6.3	8.0	7.6	7.1	8.9	7.0	10.0	9.8	7.2	7.1
55-64 y	146	138	150	141	197	159	170	165	157	208	21.3	20.0	21.7	19.9	27.6	21.8	23.2	22.2	20.7	27.2
65-74 y	199	220	250	258	233	268	277	307	317	318	38.8	42.2	47.0	47.8	42.2	45.9	46.1	50.5	50.3	49.2
75+ y	334	363	368	401	374	392	430	424	464	471	56.9	59.2	60.7	65.5	61.2	64.9	71.3	70.0	75.4	76.8

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 2017-2021

	5-year relative survival 2017-2021 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	5,231	14.3	[13.0, 15.6]	4,964	12.9	[11.7, 14.1]
Age group						
15-59 years	953	22.7	[19.4, 26.2]	780	33.3	[29.3, 37.3]
60-74 years	2,484	15.6	[13.8, 17.6]	2,006	13.0	[11.0, 15.0]
75+ years	1,794	7.6	[5.9, 9.7]	2,178	5.3	[4.0, 6.8]
Region						
Brussels-Capital Region	372	8.9	[5.4, 13.6]	373	14.0	[10.1, 18.5]
Flemish Region	3,113	15.6	[13.9, 17.4]	2,955	13.0	[11.4, 14.7]
Walloon Region	1,746	13.1	[11.0, 15.4]	1,636	12.3	[10.4, 14.4]

Figure 6: Pancreatic Cancer: relative survival proportion by sex, Belgium 2017-2021

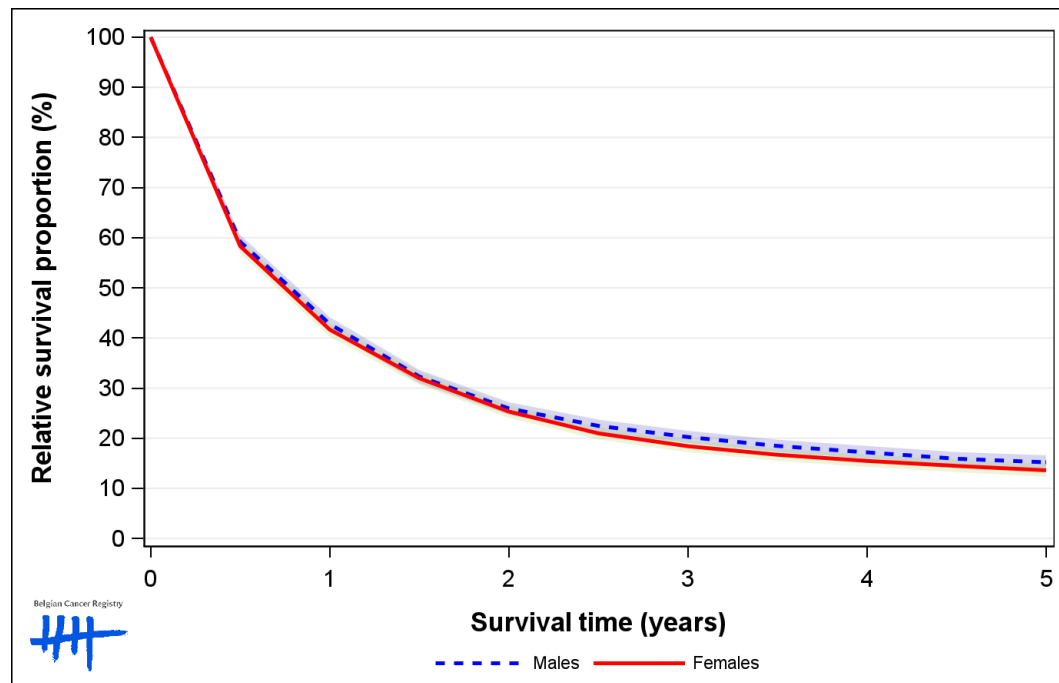


Figure 7: Pancreatic Cancer: relative survival proportion by age group in males, Belgium 2017-2021

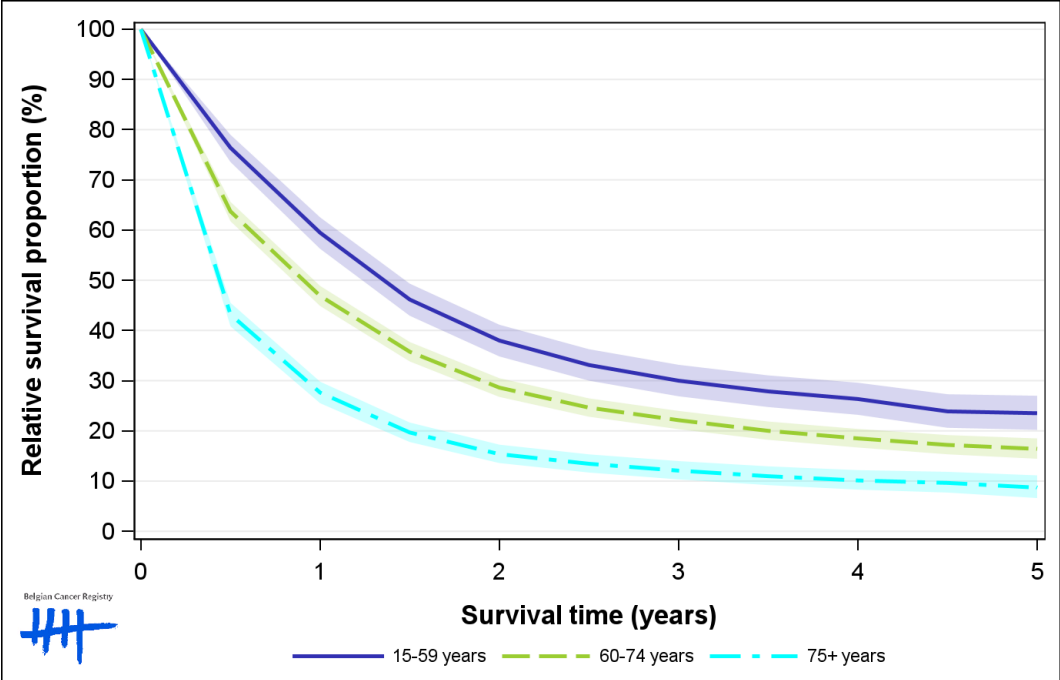


Figure 8: Pancreatic Cancer: relative survival proportion by age group in females, Belgium 2017-2021

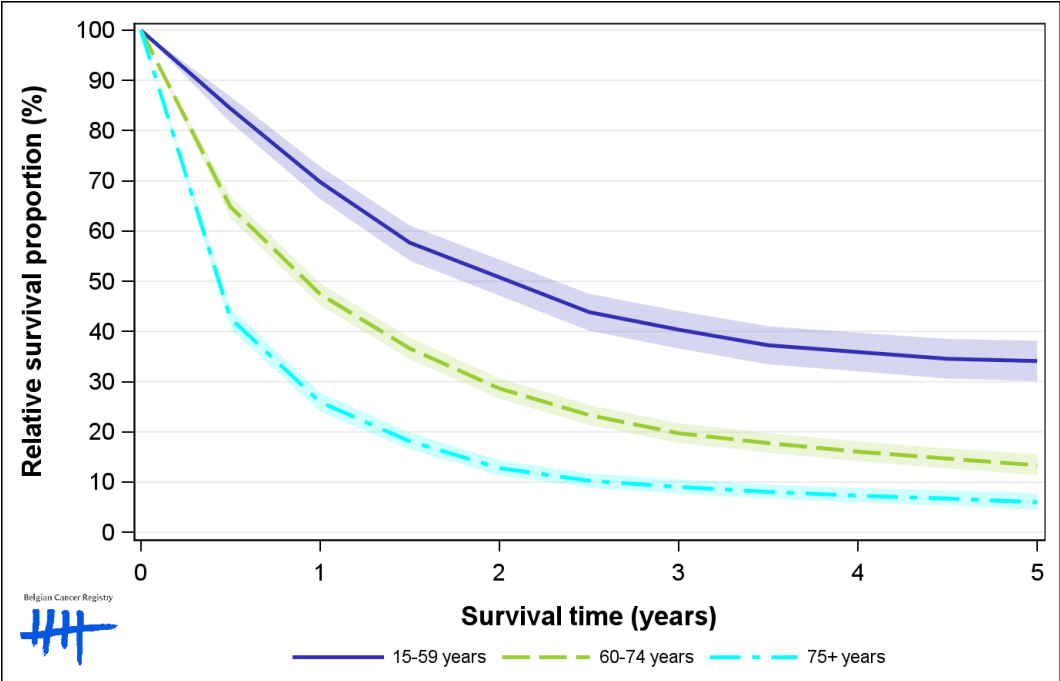


Figure 9: Pancreatic Cancer: relative survival proportion by region in males, Belgium 2017-2021

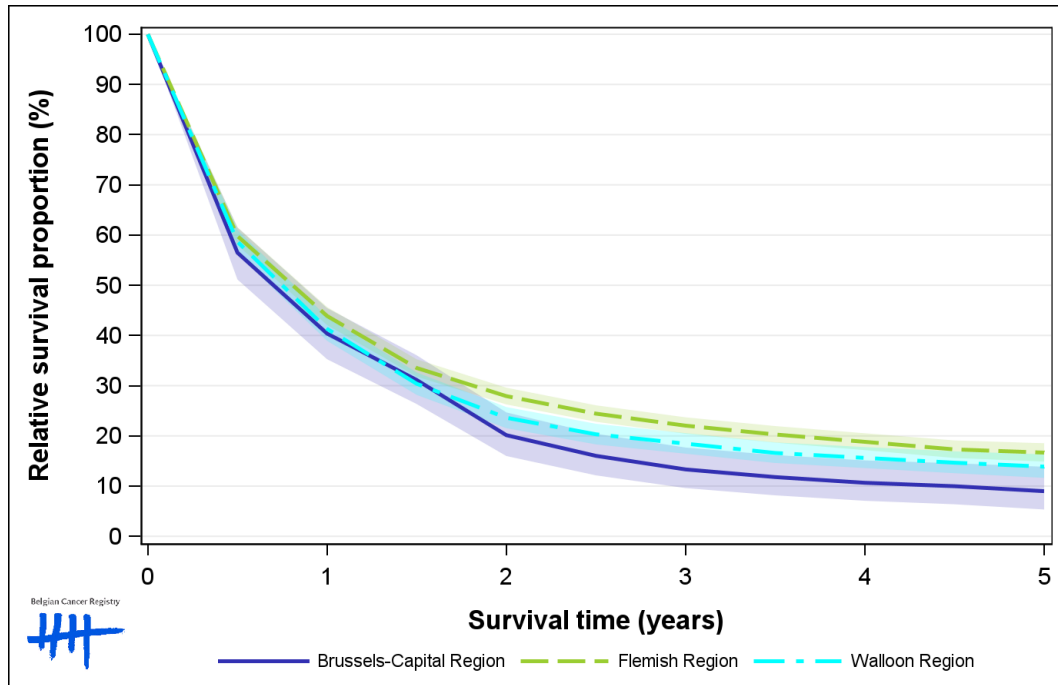


Figure 10: Pancreatic Cancer: relative survival proportion by region in females, Belgium 2017-2021

