



Belgian Cancer Registry



Cancer Fact Sheet **Pancreatic Cancer**

ICD10 : C25

Belgium 2022

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, 2022

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	70.3	1,134	19.9	21.3	9.0	1.09
Brussels-Capital Region	69.6	73	12.2	19.5	8.0	1.04
Flemish Region	70.8	686	20.7	20.6	8.7	1.05
Walloon Region	69.4	375	20.9	23.2	9.9	1.19

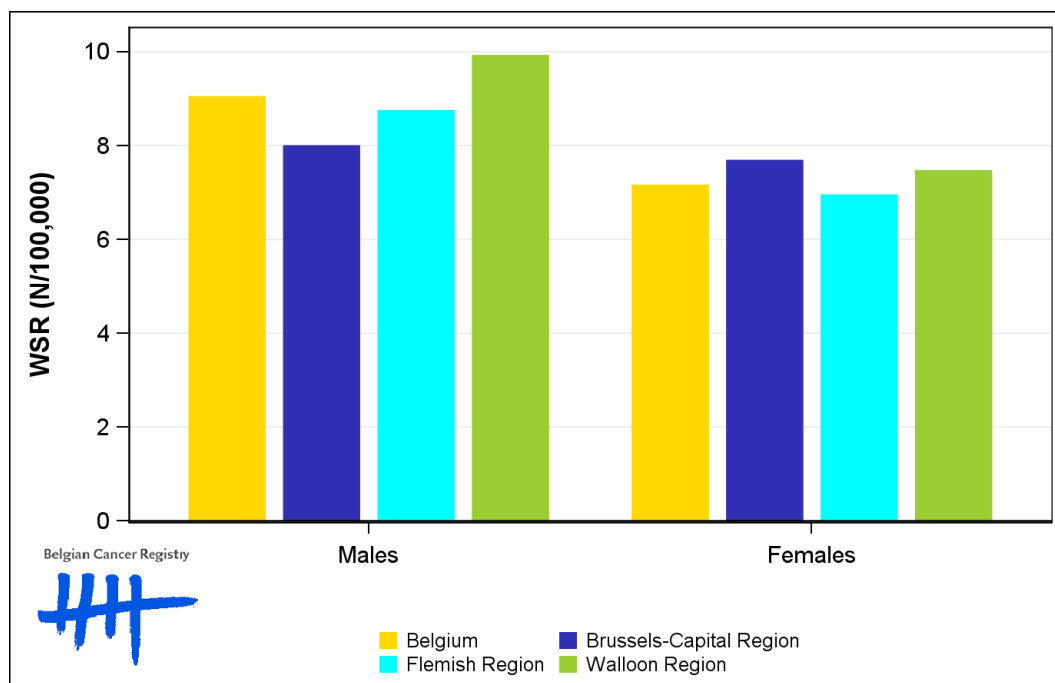
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	71.4	1,045	17.8	16.4	7.2	0.84
Brussels-Capital Region	69.4	82	13.2	16.7	7.7	0.95
Flemish Region	71.9	619	18.3	16.1	6.9	0.81
Walloon Region	71.0	344	18.4	16.9	7.5	0.87

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: Pancreatic Cancer: Age-standardised incidence rates by sex and region, 2022



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 2022

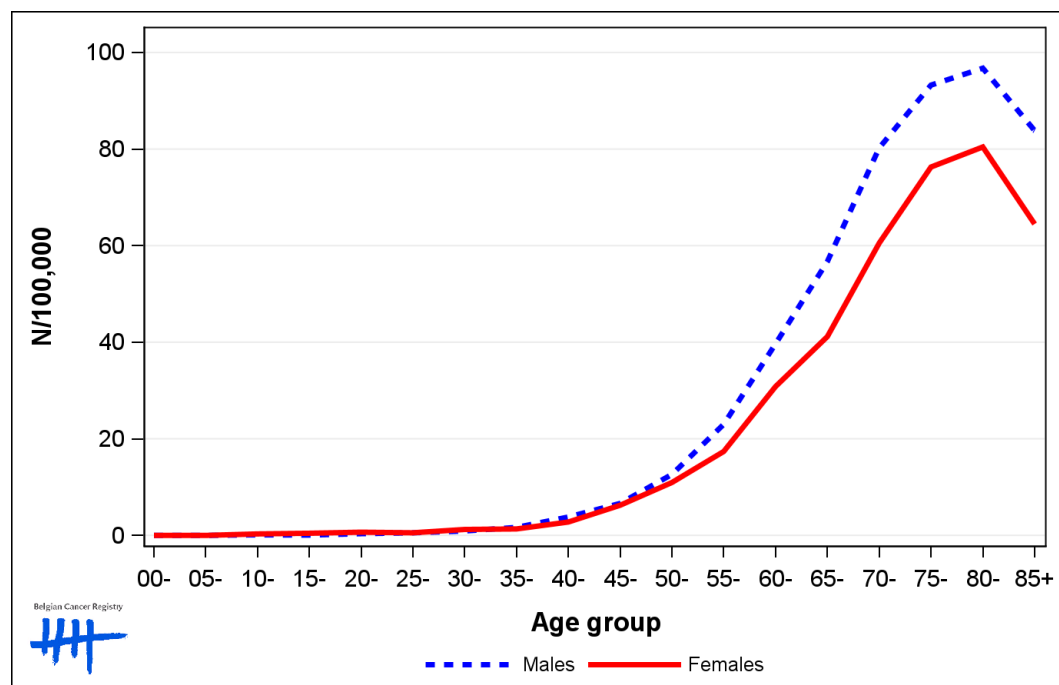
	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.0	0.0	0.0	0.3	0.3	0.5	0.8	0.8	3.9	5.6	10.9	24.0	42.0	52.8	77.3	95.7	100.3	100.6	19.9	21.3	9.0
Females	0.0	0.0	0.9	0.6	0.3	0.6	0.8	1.3	2.9	6.0	9.6	18.8	31.1	38.8	56.9	77.5	84.2	62.8	17.8	16.4	7.2

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: Pancreatic Cancer: Age-specific incidence rates by sex, 2018-2022



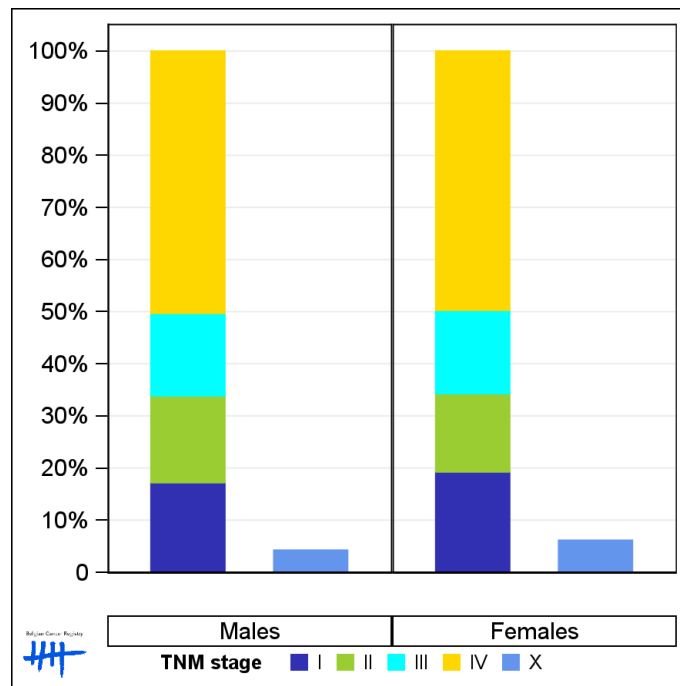
1.3. Combined stage

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

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	187	181	172	546	48	0	1,134
%	16.5	16.0	15.2	48.1	4.2	0.0	100
Females							
N	189	147	157	487	64	1	1,045
%	18.1	14.1	15.0	46.6	6.1	<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 2022



1.4. Trends in incidence

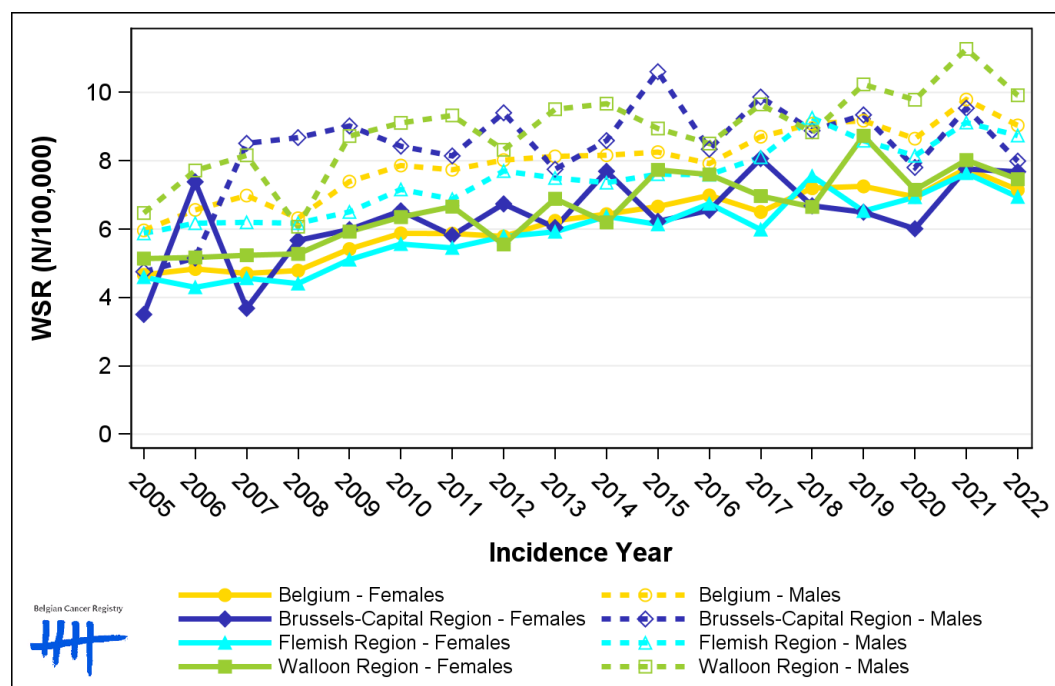
Table 4: Pancreatic Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	6.3	7.4	7.9	7.7	8.0	8.1	8.2	8.3	7.9	8.7	9.1	9.2	8.6	9.8	9.0	2.1	[1.4; 2.8]
Brussels-Capital Region	8.7	9.0	8.4	8.1	9.4	7.8	8.6	10.6	8.3	9.9	8.9	9.3	7.8	9.5	8.0	0.1	[-1.1; 1.3]
Flemish Region	6.2	6.5	7.2	6.9	7.7	7.5	7.4	7.6	7.6	8.1	9.3	8.6	8.1	9.1	8.7	2.4	[1.8; 3.1]
Walloon Region	6.1	8.7	9.1	9.3	8.3	9.5	9.7	8.9	8.5	9.6	8.8	10.2	9.8	11.3	9.9	2.1	[0.7; 3.5]

Females	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	4.8	5.4	5.9	5.9	5.8	6.2	6.4	6.7	7.0	6.5	7.2	7.3	6.9	7.8	7.2	2.7	[2.1; 3.3]
Brussels-Capital Region	5.7	6.0	6.5	5.8	6.7	6.0	7.7	6.2	6.6	8.1	6.7	6.5	6.0	7.8	7.7	1.5	[0.2; 2.7]
Flemish Region	4.4	5.1	5.6	5.5	5.8	5.9	6.4	6.1	6.7	6.0	7.6	6.5	6.9	7.6	6.9	3.4	[2.5; 4.4]
Walloon Region	5.3	5.9	6.4	6.7	5.6	6.9	6.2	7.7	7.6	7.0	6.7	8.7	7.1	8.0	7.5	2.4	[1.2; 3.6]

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



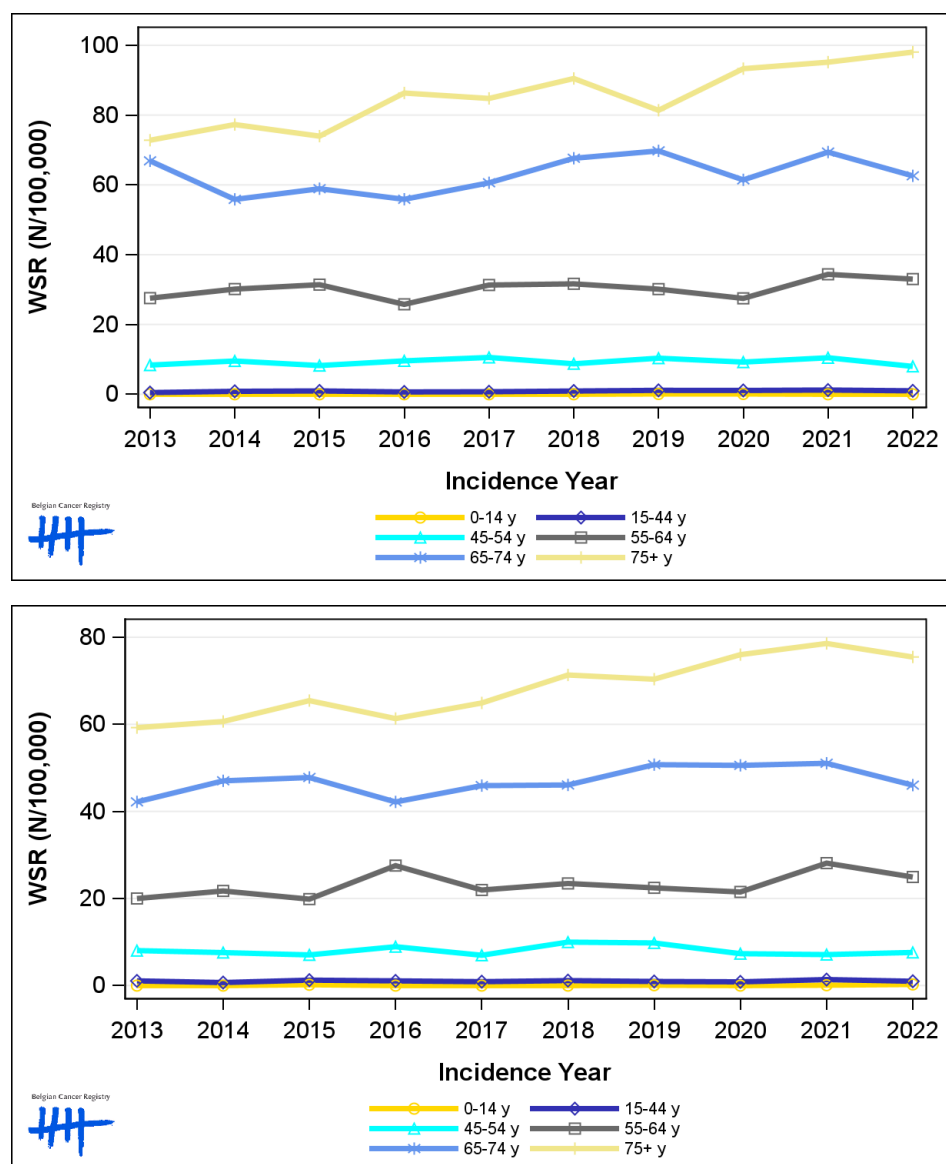
1.5. Incidence by broad age groups

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									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Males																					
All ages	860	873	890	900	984	1,054	1,052	1,045	1,179	1,134	8.1	8.2	8.3	7.9	8.7	9.1	9.2	8.6	9.8	9.0	
0-14 y	0	0	0	0	0	0	1	1	0	0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	<0.1	0.0	0.0	
15-44 y	13	21	25	17	19	24	29	28	30	25	0.5	0.8	1.0	0.7	0.7	0.9	1.1	1.1	1.2	1.0	
45-54 y	70	80	69	81	87	72	84	77	85	64	8.4	9.5	8.2	9.6	10.6	8.7	10.3	9.2	10.5	8.0	
55-64 y	186	206	216	179	221	228	221	205	260	252	27.5	30.1	31.4	25.8	31.3	31.6	30.1	27.5	34.4	33.0	
65-74 y	310	266	287	281	318	369	389	351	406	369	66.9	55.8	58.9	55.9	60.6	67.6	69.8	61.4	69.4	62.6	
75+ y	281	300	293	342	339	361	328	383	398	424	72.8	77.3	74.0	86.3	84.8	90.5	81.4	93.3	95.2	98.1	
Females																					
All ages	814	848	892	903	899	990	1,001	1,027	1,114	1,045	6.2	6.4	6.7	7.0	6.5	7.2	7.3	6.9	7.8	7.2	
0-14 y	0	0	2	0	0	0	1	0	1	3	0.0	0.0	0.2	0.0	0.0	0.0	<0.1	0.0	<0.1	0.3	
15-44 y	27	17	31	26	22	29	22	20	32	24	1.1	0.7	1.3	1.1	0.9	1.1	0.9	0.9	1.4	1.0	
45-54 y	66	63	59	72	57	82	77	59	56	59	8.0	7.6	7.1	8.9	7.0	10.0	9.8	7.3	7.1	7.6	
55-64 y	138	150	141	197	160	172	167	163	215	192	20.0	21.7	19.9	27.6	22.0	23.5	22.4	21.5	28.1	24.9	
65-74 y	220	250	258	233	268	277	309	319	329	297	42.2	47.0	47.8	42.2	45.9	46.1	50.7	50.6	51.1	46.0	
75+ y	363	368	401	375	392	430	425	466	481	470	59.2	60.7	65.5	61.3	64.9	71.3	70.4	76.0	78.6	75.5	

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. Net survival

Table 6: Pancreatic 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	5,436	16.8	[15.5, 18.3]	5,154	13.8	[12.6, 15.2]
Age group						
15-59 years	974	27.9	[24.8, 31.4]	797	34.3	[30.6, 38.5]
60-74 years	2,576	18.4	[16.5, 20.5]	2,089	14.0	[12.1, 16.3]
75+ years	1,886	9.0	[7.0, 11.6]	2,268	6.3	[4.9, 8.3]
Region						
Brussels-Capital Region	374	9.8	[6.2, 15.5]	380	16.0	[12.0, 21.5]
Flemish Region	3,258	17.9	[16.2, 19.9]	3,086	14.5	[12.8, 16.3]
Walloon Region	1,804	16.2	[14.0, 18.6]	1,688	12.2	[10.2, 14.6]

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

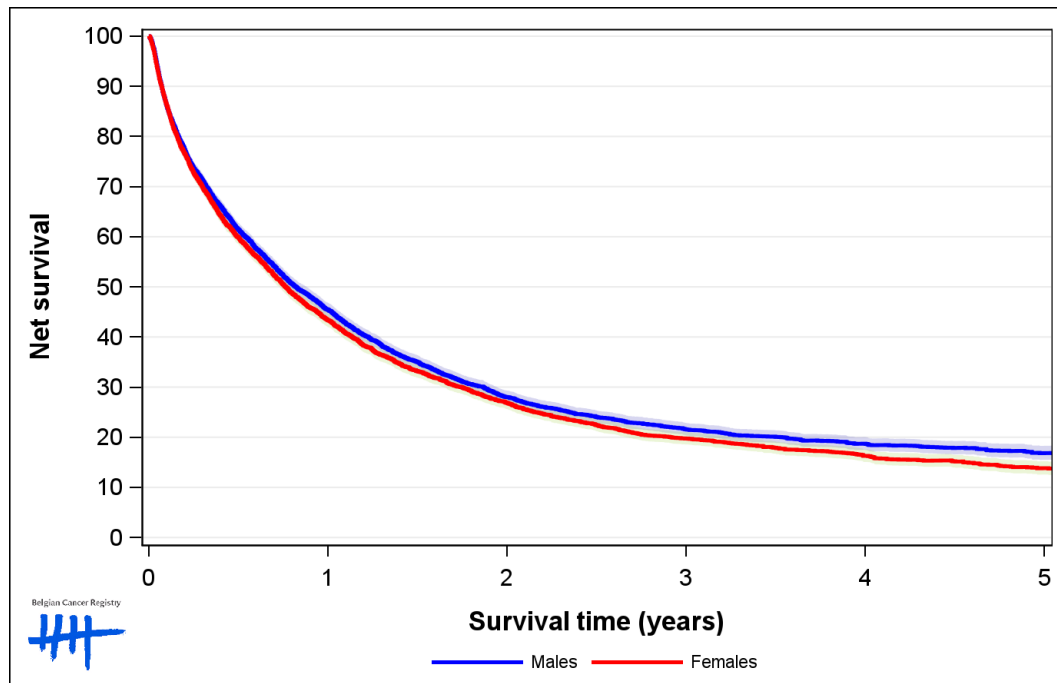


Figure 7: Pancreatic Cancer: net survival by age group in males, Belgium 2018-2022

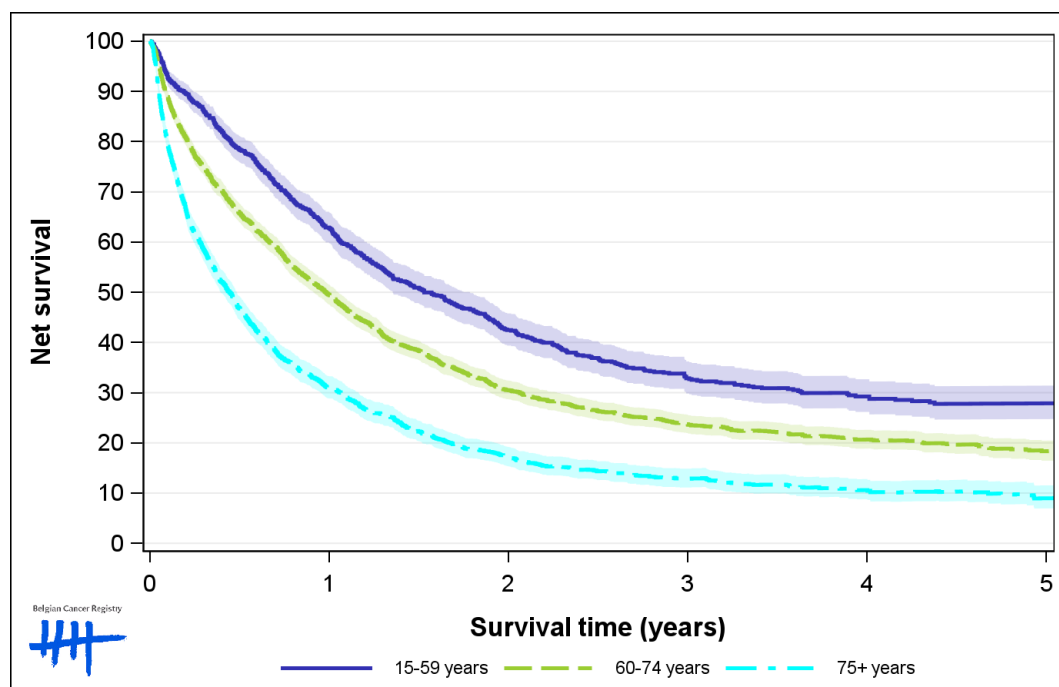


Figure 8: Pancreatic Cancer: net survival by age group in females, Belgium 2018-2022

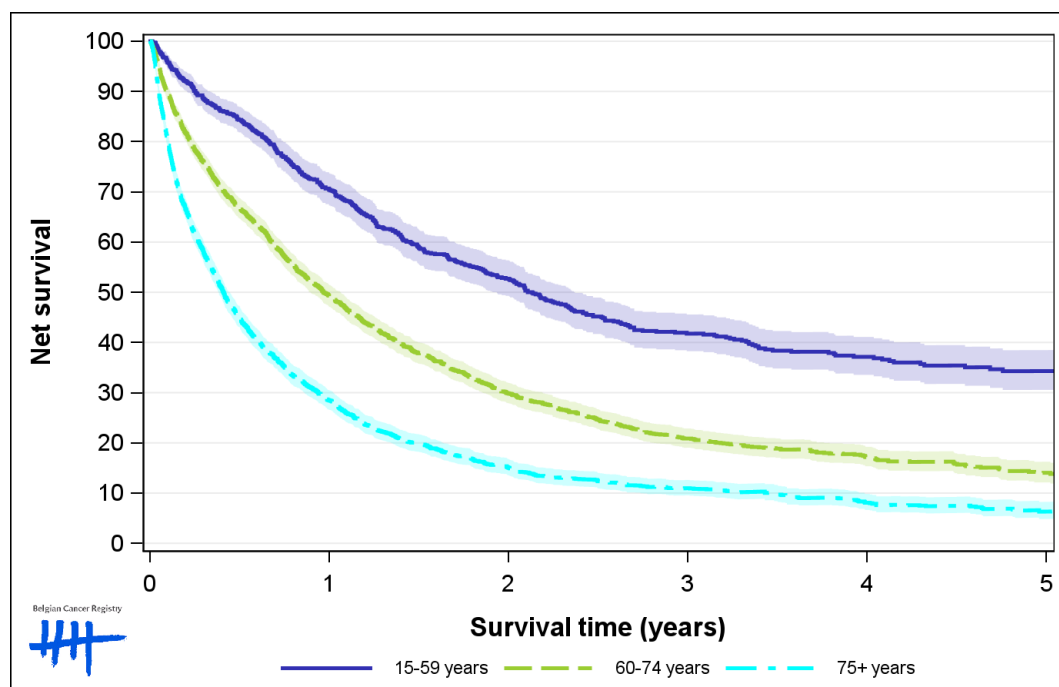


Figure 9: Pancreatic Cancer: net survival by region in males, Belgium 2018-2022

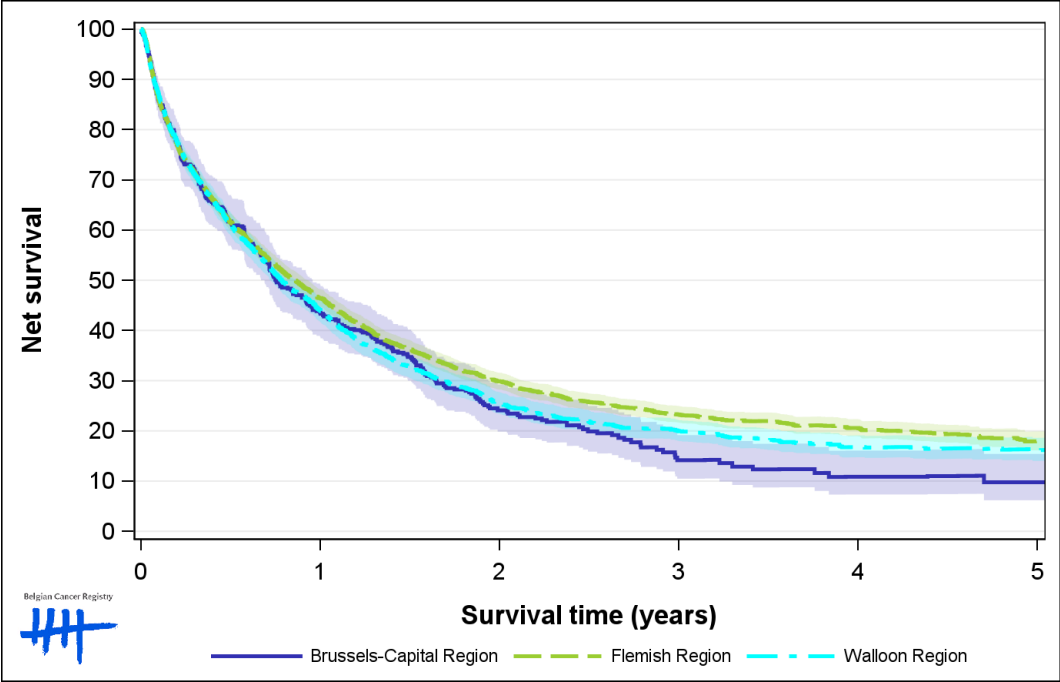


Figure 10: Pancreatic Cancer: net survival by region in females, Belgium 2018-2022

