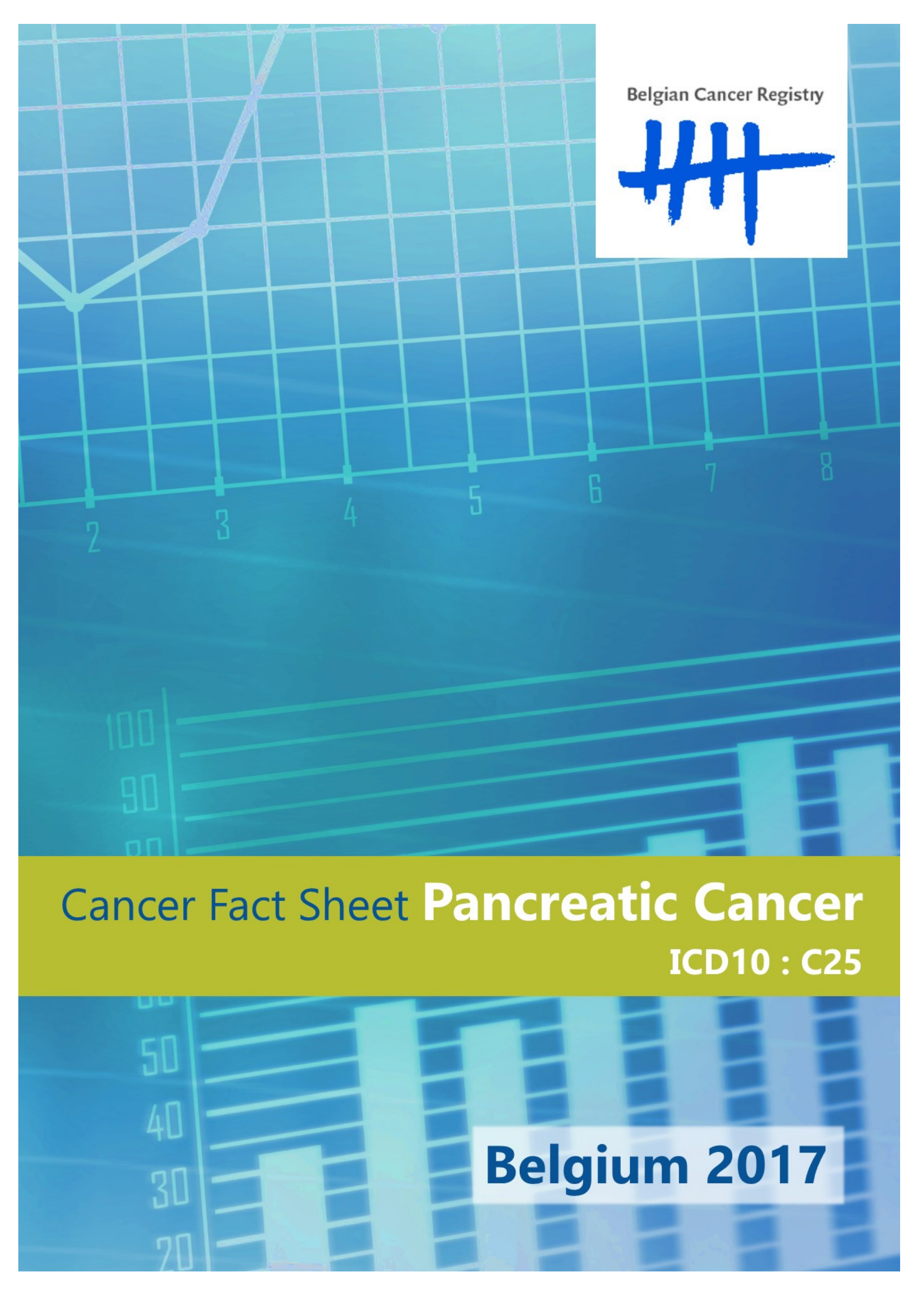




Belgian Cancer Registry



Cancer Fact Sheet **Pancreatic Cancer**

ICD10 : C25



Belgium 2017

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, 2017

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	69.3	971	17.4	12.7	8.6	1.05
Brussels-Capital Region	68.2	81	13.9	14.4	9.7	1.21
Flemish Region	69.8	563	17.5	11.8	8.0	0.98
Walloon Region	68.8	327	18.5	14.0	9.5	1.15

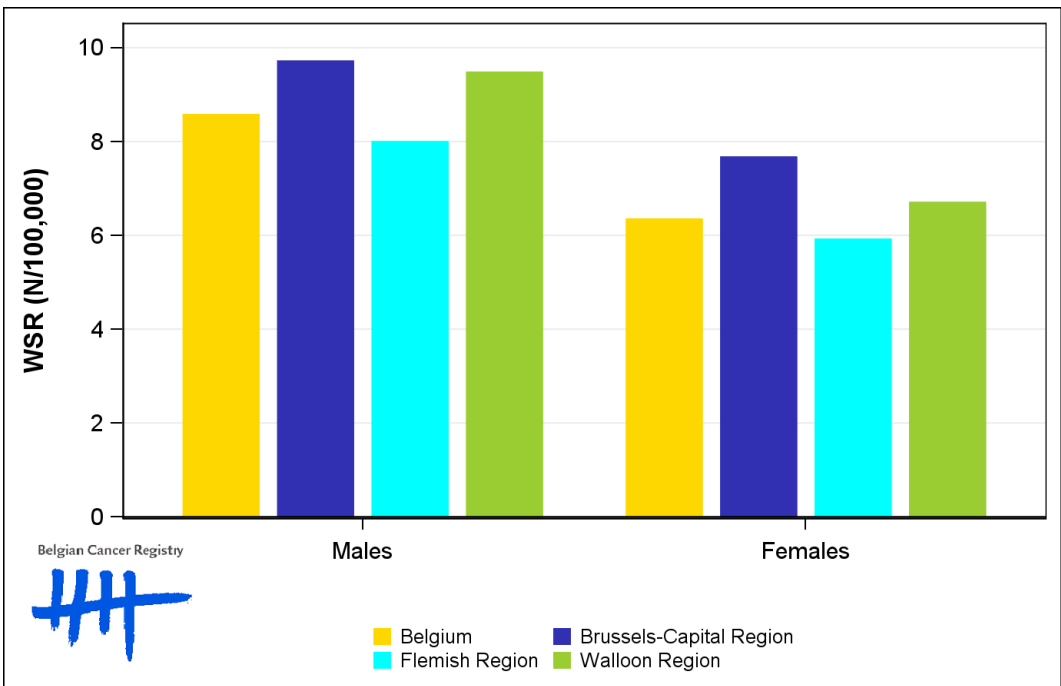
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	71.6	884	15.4	9.5	6.3	0.78
Brussels-Capital Region	68.0	83	13.6	11.3	7.7	0.93
Flemish Region	72.3	504	15.3	8.8	5.9	0.73
Walloon Region	71.4	297	16.1	10.0	6.7	0.83

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 (%)

Belgian Cancer Registry



Figure 1: Pancreatic Cancer: Age-standardised incidence rates by sex and region, 2017



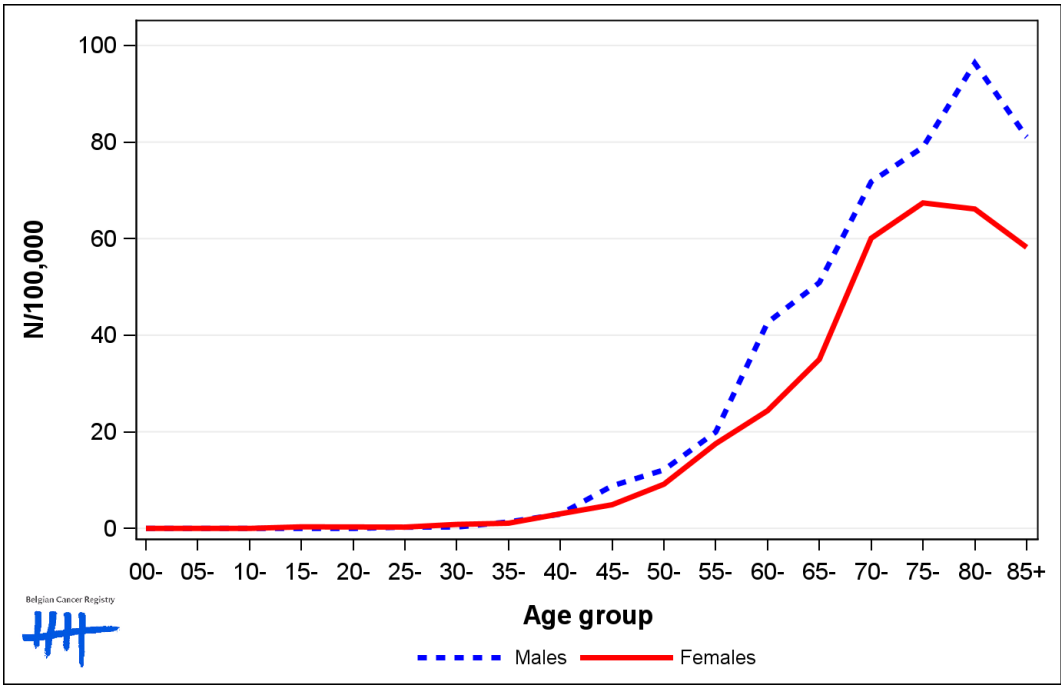
1.2. Age-specific incidence rates

Table 2: Pancreatic Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2017

	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	0.0	0.3	0.3	1.3	3.0	8.8	12.1	20.0	42.6	50.9	71.8	78.9	96.3	81.1	17.4	12.7	8.6
Females	0.0	0.0	0.0	0.3	0.3	0.3	0.8	1.1	3.0	4.9	9.2	17.5	24.4	35.0	60.1	67.4	66.1	58.2	15.4	9.5	6.3

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



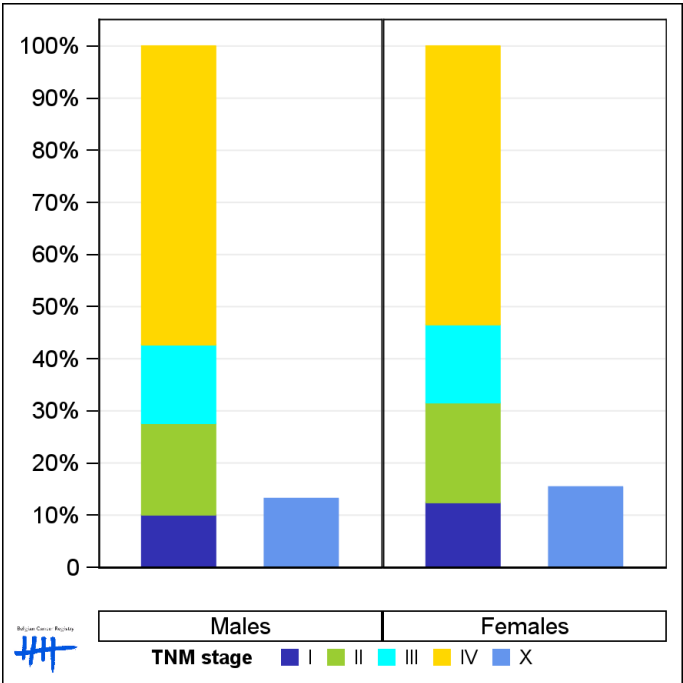
1.3. Combined stage

Table 3: Pancreatic Cancer: Distribution of combined stage by sex, Belgium 2017

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	85	148	127	483	128	0	971
%	8.8	15.2	13.1	49.7	13.2	0.0	100
Females							
N	93	143	112	399	136	1	884
%	10.5	16.2	12.7	45.1	15.4	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 2017



1.4. Trends in incidence

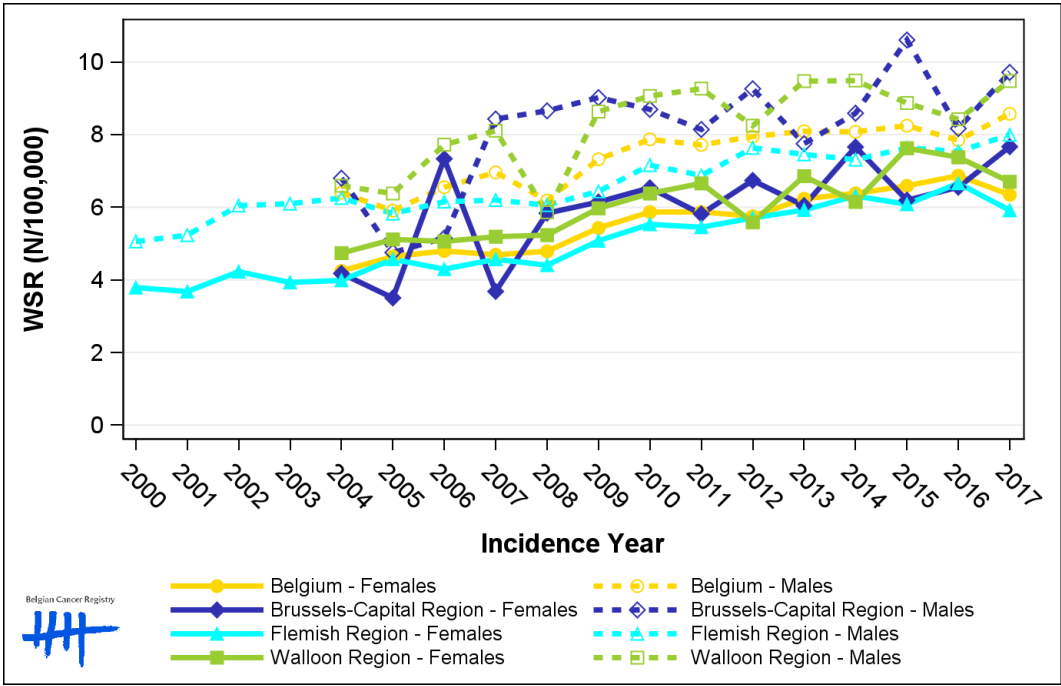
Table 4: Pancreatic Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAPC	95% CI
Belgium		6.4	5.9	6.6	7.0	6.2	7.3	7.9	7.7	7.9	8.1	8.1	8.2	7.8	8.6	2.5	[1.7; 3.2]
Brussels-Capital Region		6.8	4.8	5.2	8.4	8.7	9.0	8.7	8.1	9.3	7.8	8.6	10.6	8.2	9.7	3.7	[1.2; 6.3]
Flemish Region	6.1	6.3	5.8	6.2	6.2	6.1	6.4	7.2	6.9	7.6	7.5	7.3	7.6	7.5	8.0	2.1	[1.6; 2.7]
Walloon Region		6.6	6.4	7.7	8.1	5.9	8.6	9.1	9.3	8.2	9.5	9.5	8.9	8.4	9.5	2.8	[1.1; 4.5]

Females	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAPC	95% CI
Belgium		4.2	4.6	4.8	4.7	4.8	5.4	5.9	5.9	5.8	6.2	6.4	6.6	6.9	6.3	3.6	[2.9; 4.2]
Brussels-Capital Region		4.2	3.5	7.3	3.7	5.8	6.1	6.5	5.8	6.7	6.0	7.7	6.2	6.6	7.7	4.2	[1.3; 7.1]
Flemish Region	3.9	4.0	4.6	4.3	4.6	4.4	5.1	5.5	5.5	5.7	5.9	6.3	6.1	6.7	5.9	3.4	[2.7; 4.1]
Walloon Region		4.7	5.1	5.1	5.2	5.2	6.0	6.4	6.7	5.6	6.9	6.1	7.6	7.4	6.7	3.3	[2.2; 4.4]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
AAPC = Average Annual Percentage Change over the 2004-2017 period (except for the Flemish region : 2003-2017).

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



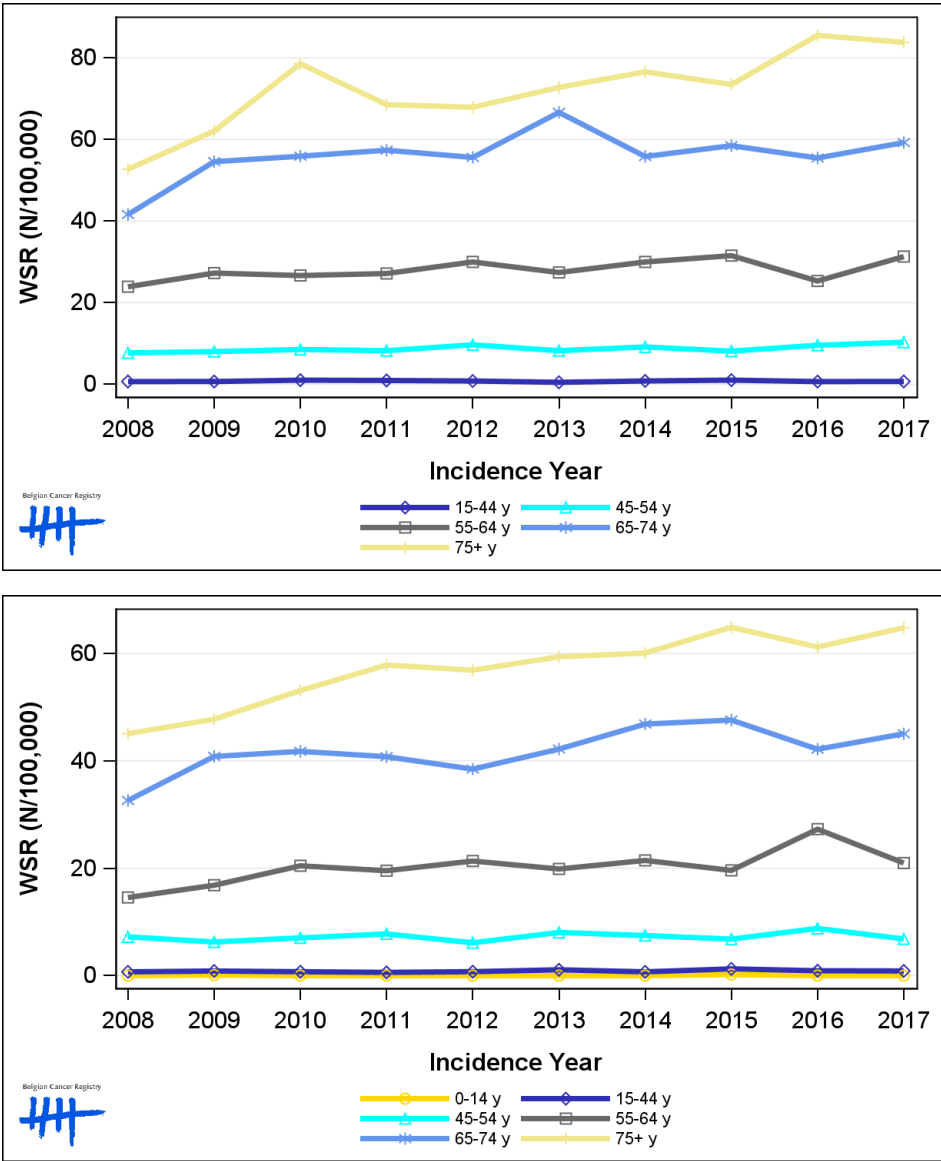
1.5. Incidence by broad age groups

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									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Males																				
All ages	586	707	788	780	807	857	865	887	892	971	6.2	7.3	7.9	7.7	7.9	8.1	8.1	8.2	7.8	8.6
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	18	19	25	23	21	13	20	26	17	18	0.7	0.7	1.0	0.9	0.8	0.5	0.8	1.0	0.7	0.7
45-54 y	60	65	69	68	81	69	77	68	81	85	7.7	8.0	8.5	8.2	9.7	8.2	9.2	8.1	9.6	10.3
55-64 y	146	173	172	181	198	185	205	217	176	221	23.9	27.3	26.7	27.2	30.0	27.4	30.0	31.5	25.3	31.3
65-74 y	182	230	242	254	252	309	266	285	279	311	41.6	54.6	55.9	57.4	55.6	66.7	55.8	58.5	55.5	59.3
75+ y	180	220	280	254	255	281	297	291	339	336	52.7	62.1	78.6	68.6	67.9	72.8	76.6	73.5	85.6	83.8
Females																				
All ages	580	663	737	758	746	814	841	884	895	884	4.8	5.4	5.9	5.9	5.8	6.2	6.4	6.6	6.9	6.3
0-14 y	0	1	0	0	0	0	0	2	0	0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
15-44 y	18	22	19	15	19	27	17	31	22	21	0.7	0.9	0.7	0.6	0.7	1.1	0.7	1.3	0.9	0.9
45-54 y	56	50	57	63	50	66	62	57	71	56	7.2	6.3	7.0	7.8	6.1	8.0	7.5	6.8	8.8	6.8
55-64 y	91	109	135	133	146	137	148	139	195	153	14.5	16.8	20.5	19.5	21.3	19.9	21.4	19.6	27.3	21.0
65-74 y	162	205	215	205	197	220	249	257	233	263	32.6	40.8	41.8	40.8	38.5	42.2	46.9	47.6	42.2	45.0
75+ y	253	276	311	342	334	364	365	398	374	391	45.1	47.8	53.1	57.8	56.9	59.4	60.1	64.9	61.2	64.8

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 2013-2017

	5-year relative survival 2013-2017 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	4,446	10.7	[9.6, 11.9]	4,301	11.4	[10.4, 12.7]
Age group						
15-59 years	870	18.4	[15.6, 21.5]	750	25.9	[22.3, 29.7]
60-74 years	2,042	11.4	[9.8, 13.4]	1,660	12.8	[10.9, 14.9]
75+ years	1,534	5.0	[3.6, 7.0]	1,891	4.6	[3.5, 6.1]
Region						
Brussels-Capital Region	353	7.4	[4.6, 11.2]	381	10.2	[6.9, 14.3]
Flemish Region	2,588	12.2	[10.7, 13.9]	2,459	12.0	[10.5, 13.6]
Walloon Region	1,505	8.9	[7.1, 11.0]	1,461	10.9	[9.1, 13.1]

Figure 6: Pancreatic Cancer: relative survival proportion by sex, Belgium 2013-2017

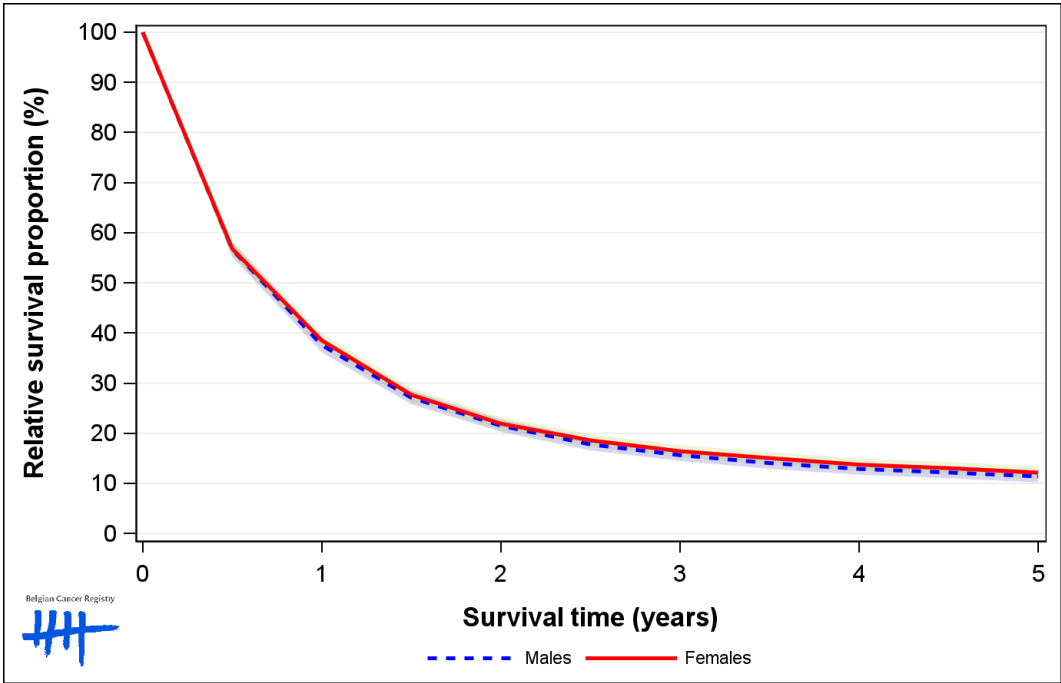


Figure 7: Pancreatic Cancer: relative survival proportion by age group in males, Belgium 2013-2017

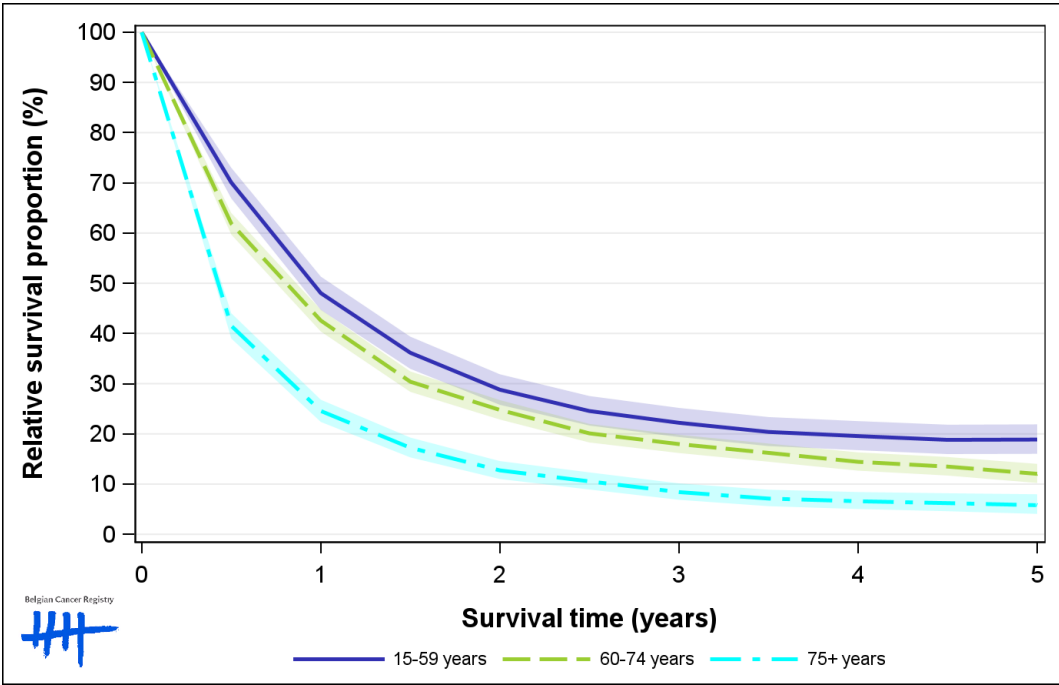


Figure 8: Pancreatic Cancer: relative survival proportion by age group in females, Belgium 2013-2017

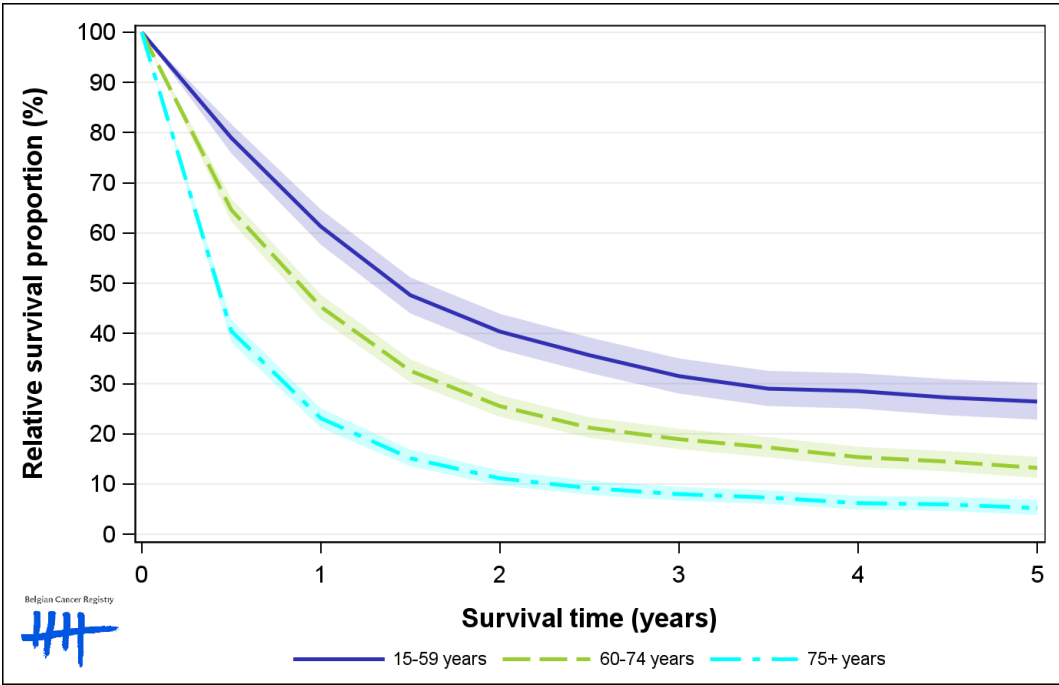


Figure 9: Pancreatic Cancer: relative survival proportion by region in males, Belgium 2013-2017

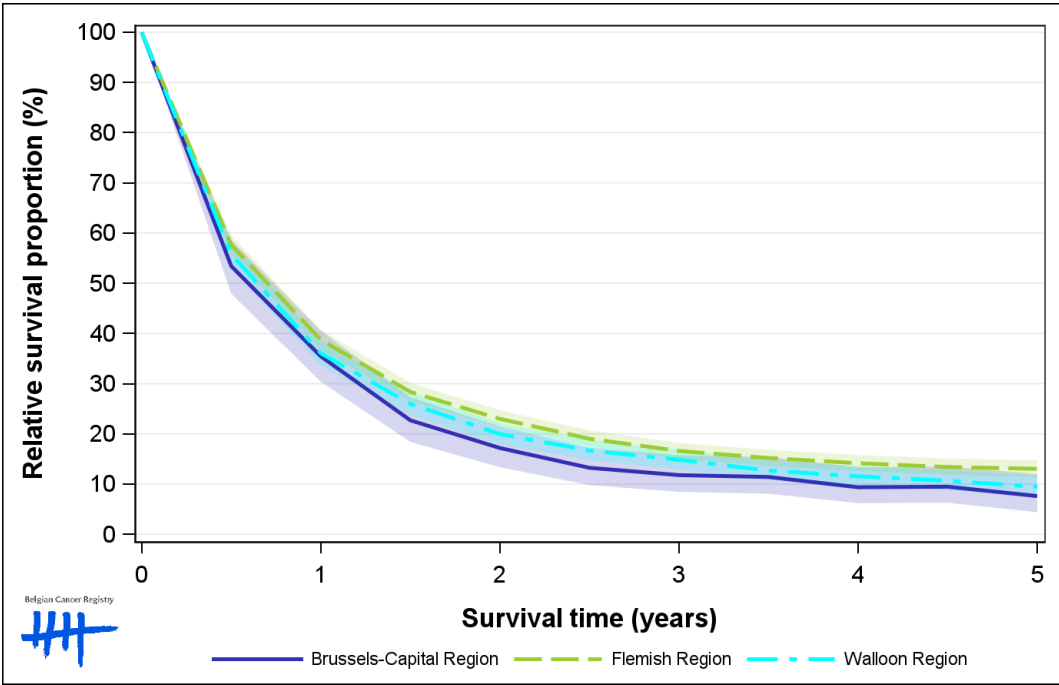


Figure 10: Pancreatic Cancer: relative survival proportion by region in females, Belgium 2013-2017

