



Belgian Cancer Registry



Cancer Fact Sheet **Ovarian Cancer**

ICD10 : C56

Belgium 2022

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

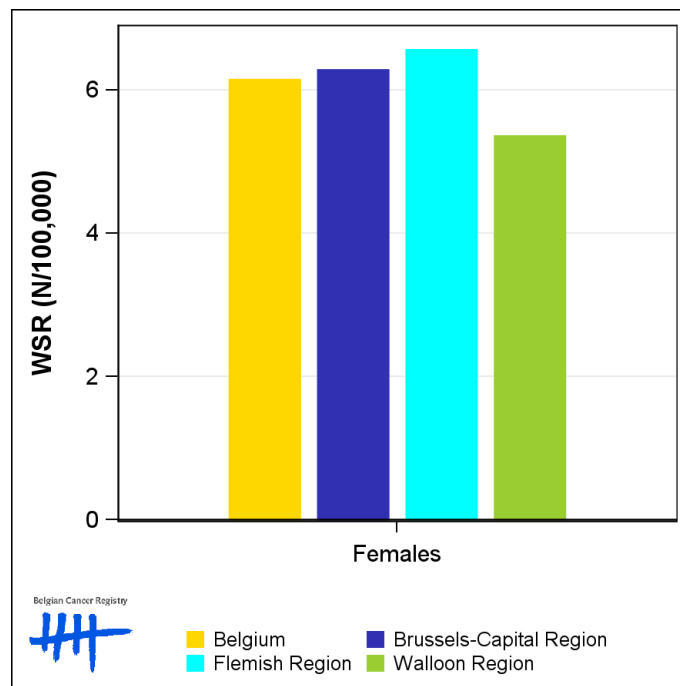
Table 1: Ovarian Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by region, 2022

Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	67.4	753	12.8	12.1	6.1	0.72
Brussels-Capital Region	65.7	63	10.1	12.6	6.3	0.78
Flemish Region	67.7	475	14.0	12.8	6.6	0.76
Walloon Region	67.4	215	11.5	10.9	5.4	0.63

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 (%)



Figure 1: Ovarian Cancer: Age-standardised incidence rates by region, 2022



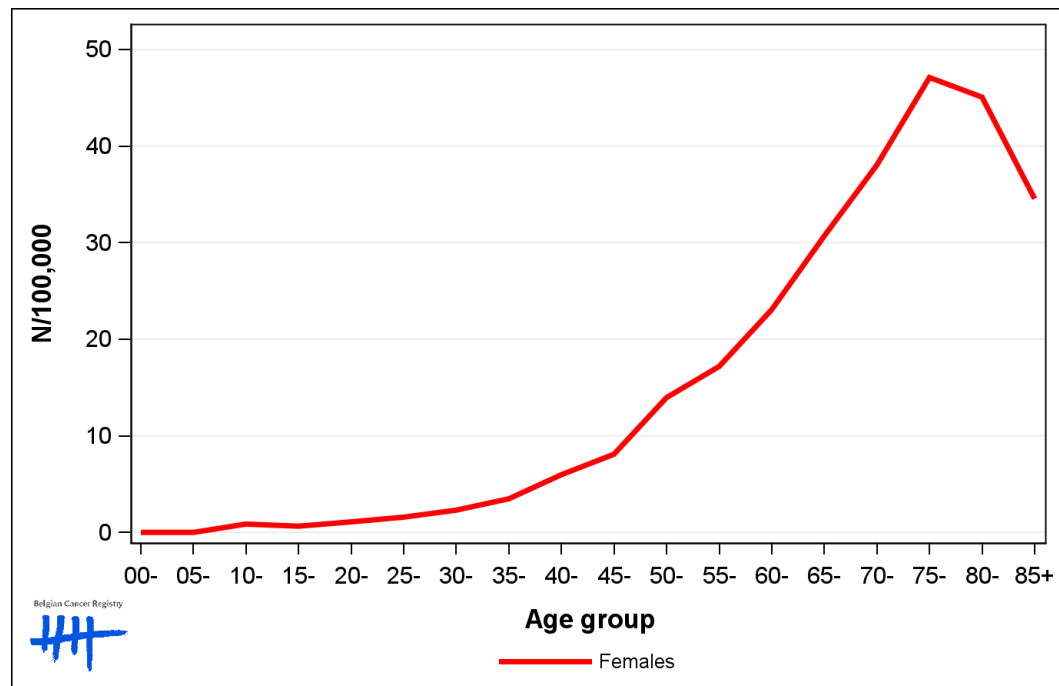
1.2. Age-specific incidence rates

Table 2: Ovarian Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2022

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Females	0.0	0.0	0.3	0.6	2.1	0.6	1.6	3.8	6.3	7.4	11.4	14.5	24.4	33.1	38.3	42.8	46.0	32.1	12.8	12.1	6.1

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: Ovarian Cancer: Age-specific incidence rates, 2018-2022



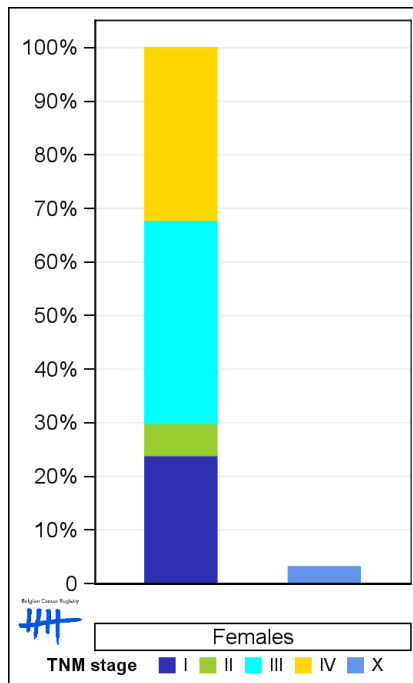
1.3. Combined stage

Table 3: Ovarian Cancer: Distribution of combined stage, Belgium 2022

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Females							
N	171	43	271	230	23	15	753
%	22.7	5.7	36.0	30.5	3.1	2.0	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: Ovarian Cancer: Bar chart of known combined stage, Belgium 2022



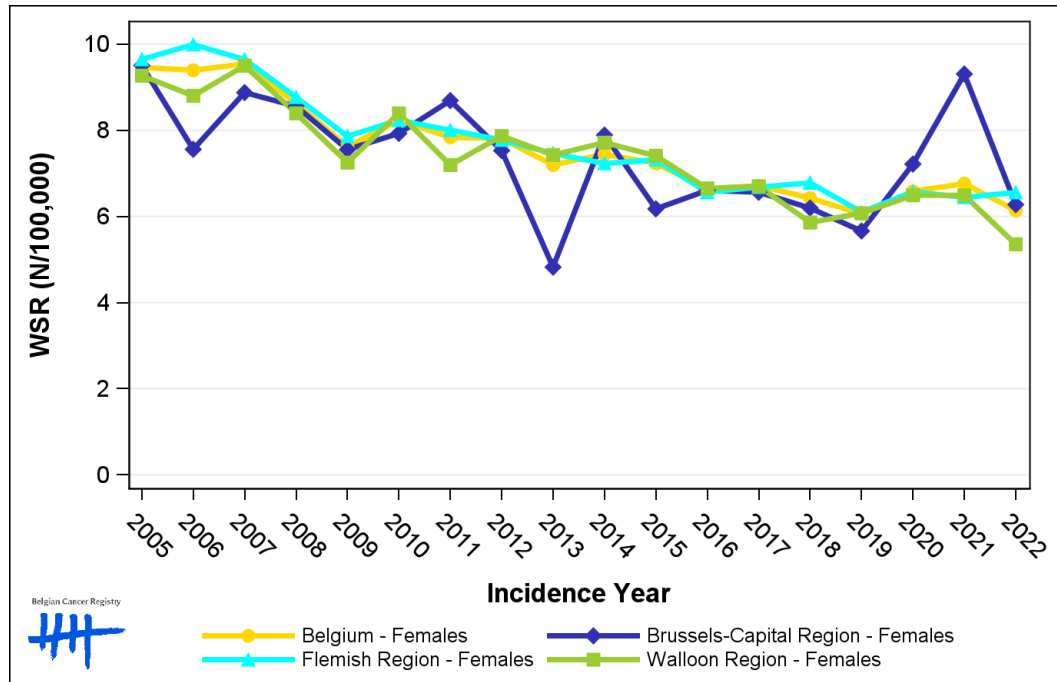
1.4. Trends in incidence

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

Females	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	8.6	7.6	8.2	7.8	7.8	7.2	7.4	7.2	6.6	6.7	6.4	6.1	6.6	6.8	6.1	-2.1	[-2.7; -1.6]
Brussels-Capital Region	8.6	7.6	7.9	8.7	7.5	4.8	7.9	6.2	6.6	6.6	6.2	5.7	7.2	9.3	6.3	-1.2	[-3.2; 1.0]
Flemish Region	8.8	7.9	8.2	8.0	7.8	7.5	7.2	7.3	6.6	6.7	6.8	6.1	6.6	6.4	6.6	-2.0	[-2.5; -1.5]
Walloon Region	8.4	7.3	8.4	7.2	7.9	7.4	7.7	7.4	6.7	6.7	5.9	6.1	6.5	6.5	5.4	-2.5	[-3.3; -1.6]

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: Ovarian Cancer: Age-standardised incidence rates (WSR) by incidence year and region



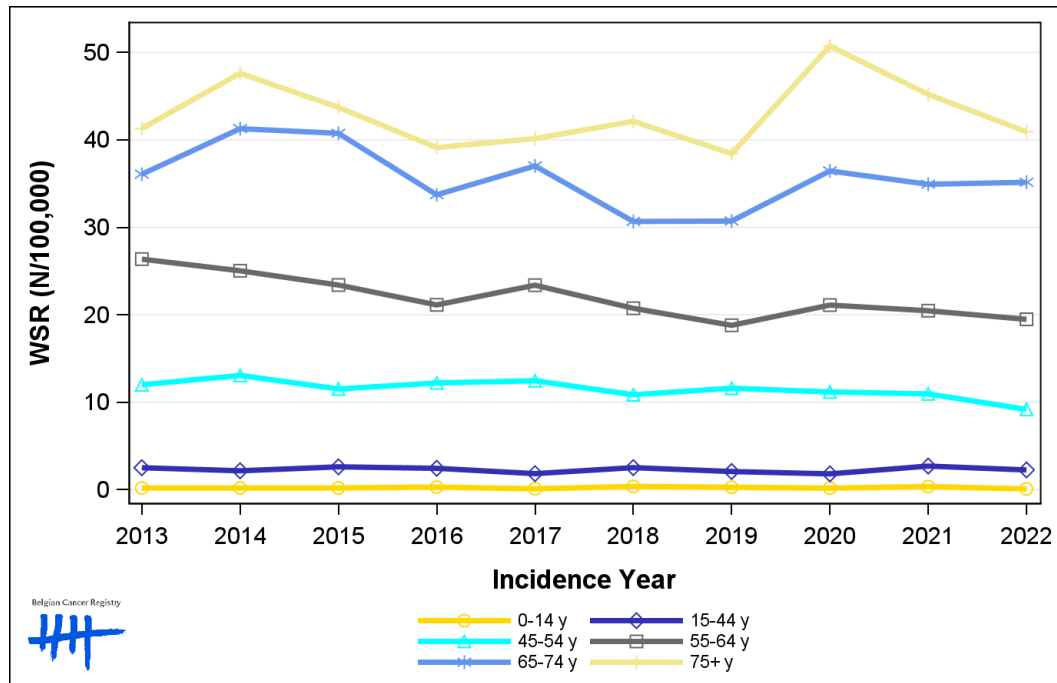
1.5. Incidence by broad age groups

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

	N										WSR									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Females																				
All ages	775	836	802	733	770	741	713	811	803	753	7.2	7.4	7.2	6.6	6.7	6.4	6.1	6.6	6.8	6.1
0-14 y	2	2	2	3	1	4	3	2	4	1	0.2	0.2	0.2	0.3	<0.1	0.4	0.3	0.2	0.4	<0.1
15-44 y	61	51	60	56	44	62	48	42	68	55	2.5	2.2	2.6	2.4	1.8	2.5	2.1	1.8	2.7	2.3
45-54 y	99	105	94	99	100	88	94	88	86	71	12.0	13.1	11.5	12.2	12.5	10.9	11.6	11.2	11.0	9.2
55-64 y	182	175	165	153	170	153	142	161	157	150	26.4	25.0	23.4	21.1	23.4	20.7	18.8	21.1	20.5	19.5
65-74 y	187	218	220	187	215	182	189	226	220	223	36.1	41.3	40.8	33.7	37.0	30.7	30.7	36.5	34.9	35.2
75+ y	244	285	261	235	240	252	237	292	268	253	41.3	47.6	43.7	39.1	40.2	42.1	38.4	50.7	45.2	40.9

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

Figure 5: Ovarian Cancer: Age-standardised incidence rates (WSR) versus incidence year by broad age groups, Belgium



2. Net survival

Table 6: Ovarian Cancer: 5-year net survival by age group and region, Belgium 2018-2022

	5-year net survival 2018-2022 (%)		
	Females		
	N at risk	estimate	95% CI
Overall	3,792	45.8	[43.6, 48.2]
Age group			
15-44 years	274	75.2	[68.8, 82.2]
45-69 years	1,676	58.8	[55.8, 62.0]
70+ years	1,842	29.5	[26.3, 33.2]
Region			
Brussels-Capital Region	336	47.1	[39.7, 56.0]
Flemish Region	2,316	45.7	[42.9, 48.7]
Walloon Region	1,140	45.5	[41.4, 50.0]

Figure 6: Ovarian Cancer: net survival, Belgium 2018-2022

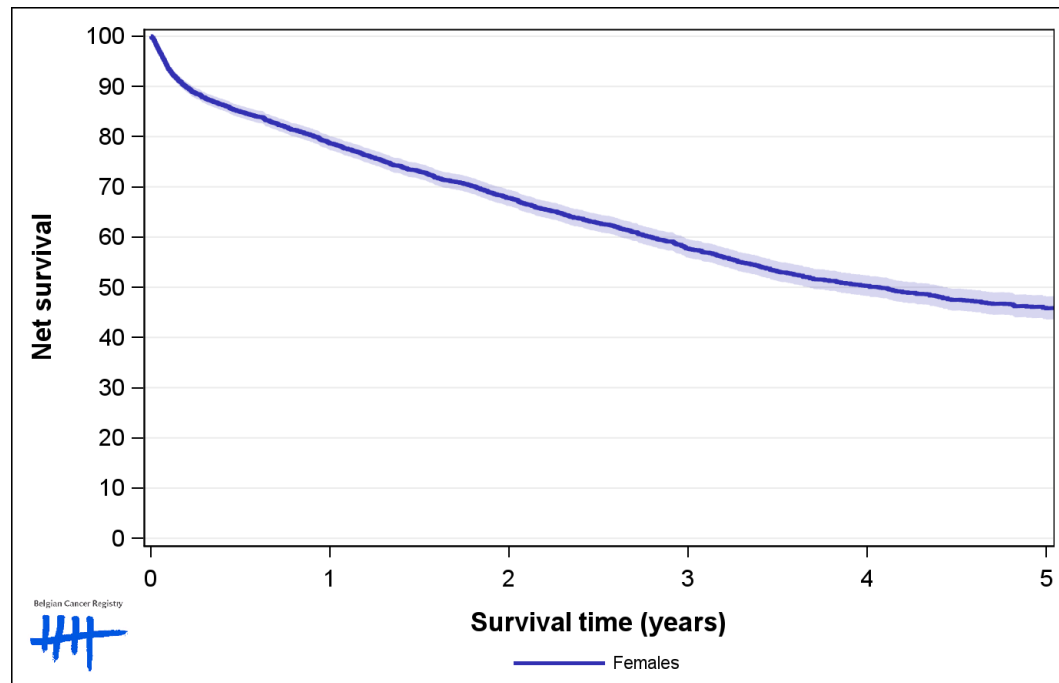


Figure 7: Ovarian Cancer: net survival by age group, Belgium 2018-2022

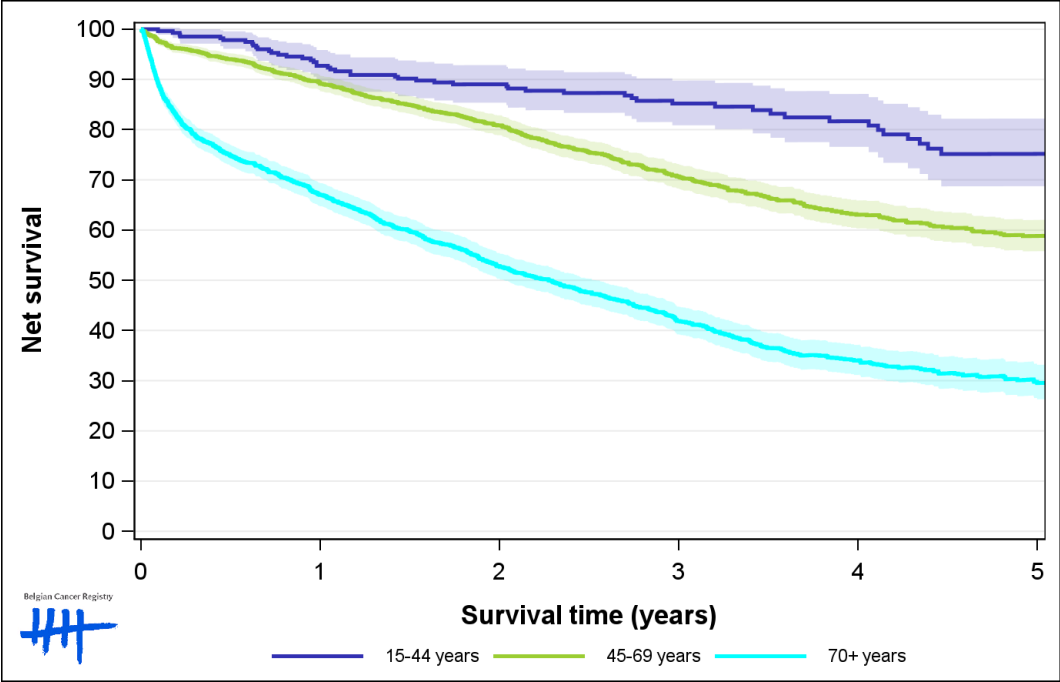


Figure 8: Ovarian Cancer: net survival by region, Belgium 2018-2022

