

Belgian Cancer Registry



Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

Belgium 2022

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

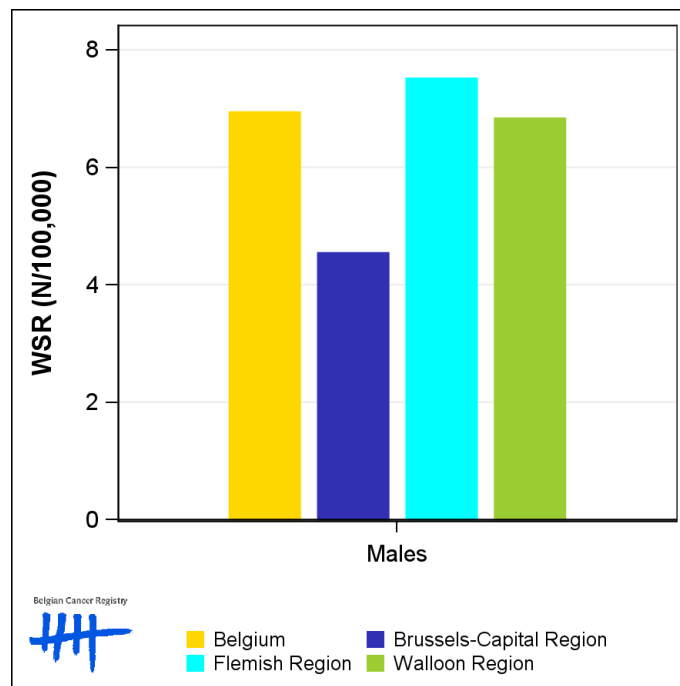
Table 1: Testicular Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by region, 2022

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	36.9	403	7.1	7.1	6.9	0.54
Brussels-Capital Region	34.0	31	5.2	4.4	4.5	0.35
Flemish Region	37.6	247	7.4	7.7	7.5	0.58
Walloon Region	36.4	125	7.0	7.1	6.8	0.54

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: Testicular Cancer: Age-standardised incidence rates by region, 2022



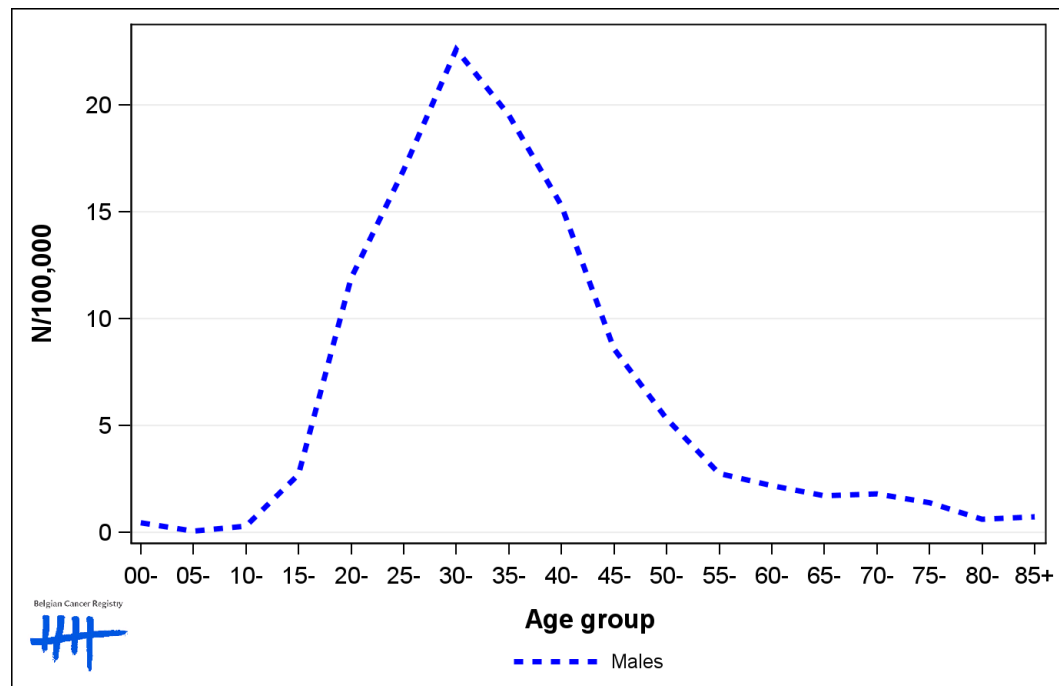
1.2. Age-specific incidence rates

Table 2: Testicular 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
Males	0.7	0.0	0.6	3.3	10.0	16.5	21.5	17.2	15.0	10.4	5.8	3.0	1.6	1.0	1.9	1.1	0.8	0.0	7.1	7.1	6.9

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



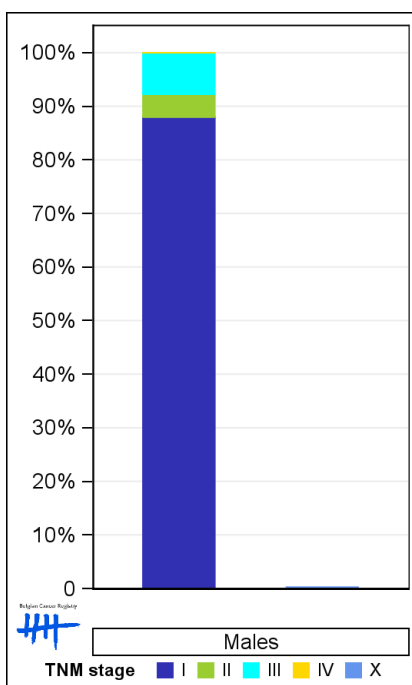
1.3. Combined stage

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

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	352	17	31	0	1	2	403
%	87.3	4.2	7.7	0.0	0.2	0.5	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: Testicular Cancer: Bar chart of known combined stage, Belgium 2022



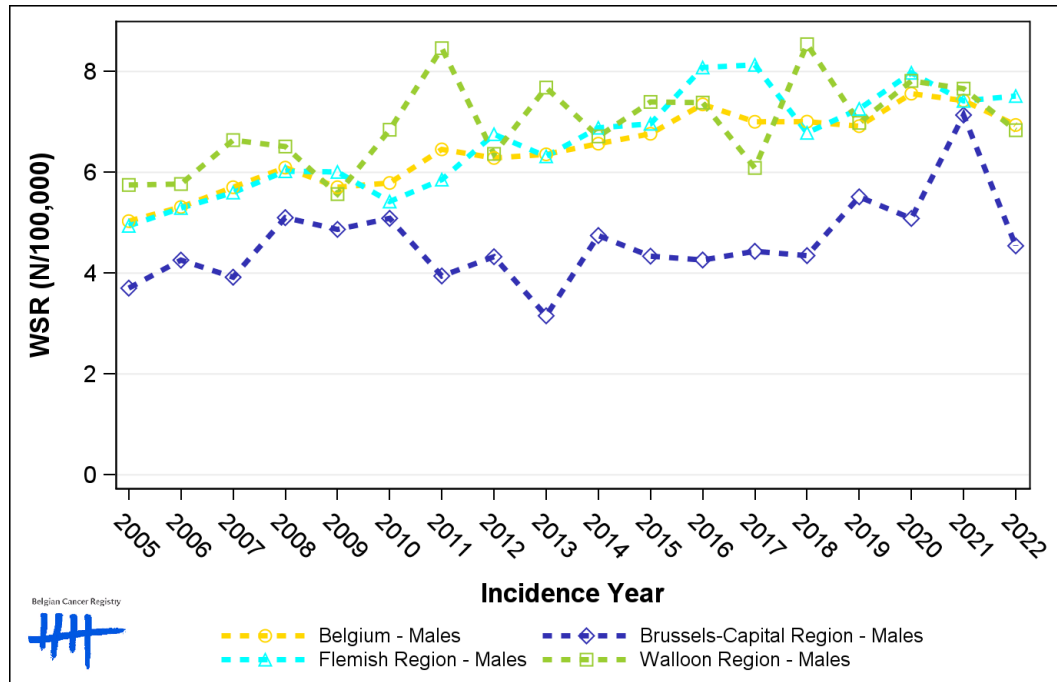
1.4. Trends in incidence

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

Males	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	AAPC	95% CI
Belgium	6.1	5.7	5.8	6.5	6.3	6.4	6.6	6.8	7.3	7.0	7.0	6.9	7.6	7.4	6.9	1.6	[1.1; 2.2]
Brussels-Capital Region	5.1	4.9	5.1	3.9	4.3	3.2	4.7	4.3	4.3	4.4	4.3	5.5	5.1	7.1	4.5	0.6	[-1.2; 2.5]
Flemish Region	6.0	6.0	5.4	5.9	6.8	6.3	6.9	7.0	8.1	8.1	6.8	7.3	8.0	7.4	7.5	2.1	[1.1; 3.0]
Walloon Region	6.5	5.6	6.8	8.5	6.4	7.7	6.7	7.4	7.4	6.1	8.5	7.0	7.8	7.7	6.8	1.0	[-0.5; 2.5]

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



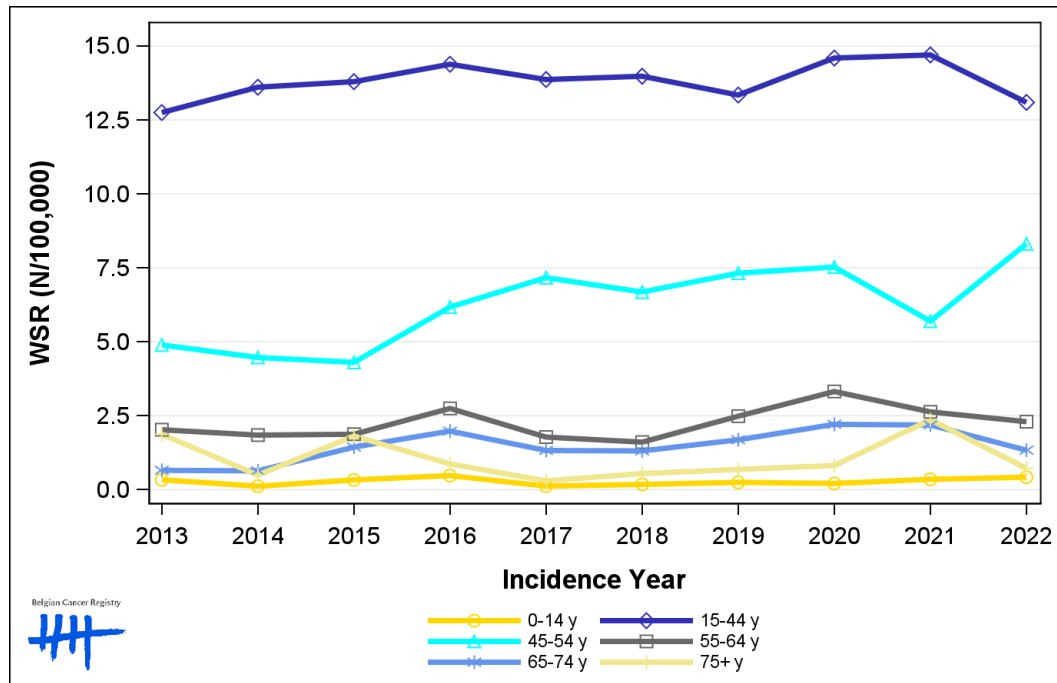
1.5. Incidence by broad age groups

Table 5: Testicular 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		
Males																						
All ages	353	359	377	412	390	403	395	439	438	403	6.4	6.6	6.8	7.3	7.0	7.0	6.9	7.6	7.4	6.9		
0-14 y	3	1	3	4	1	2	2	2	3	4	0.3	0.1	0.3	0.5	0.1	0.2	0.2	0.2	0.4	0.4		
15-44 y	286	305	313	327	312	327	305	339	350	308	12.8	13.6	13.8	14.4	13.9	14.0	13.3	14.6	14.7	13.1		
45-54 y	40	35	34	48	56	53	57	58	43	62	4.9	4.5	4.3	6.2	7.2	6.7	7.3	7.5	5.7	8.3		
55-64 y	14	13	13	20	13	12	19	25	20	18	2.0	1.8	1.9	2.7	1.8	1.6	2.5	3.3	2.6	2.3		
65-74 y	3	3	7	10	7	7	9	12	13	8	0.7	0.6	1.4	2.0	1.3	1.3	1.7	2.2	2.2	1.3		
75+ y	7	2	7	3	1	2	3	3	9	3	1.9	0.5	1.8	0.9	0.3	0.5	0.7	0.8	2.4	0.7		

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

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



2. Net survival

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

	5-year net survival 2018-2022 (%)		
	Males		
	N at risk	estimate	95% CI
Overall	2,039	96.4	[95.0, 97.9]
Age group			
15-59 years	1,931	98.0	[97.1, 98.9]
60-74 years	88	78.6	[65.3, 94.5]
75+ years	20	NA (N<50)	-
Region			
Brussels-Capital Region	181	96.4	[92.7, 100.1]
Flemish Region	1,170	98.1	[96.8, 99.4]
Walloon Region	688	93.9	[90.7, 97.2]

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

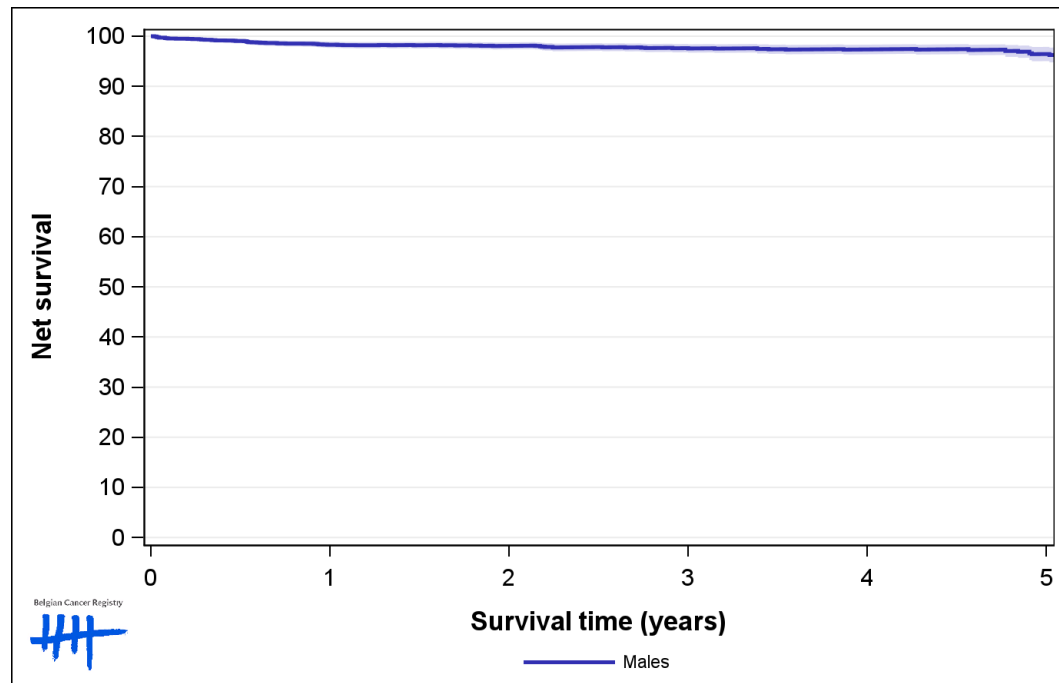


Figure 7: Testicular Cancer: net survival by age group, Belgium 2018-2022

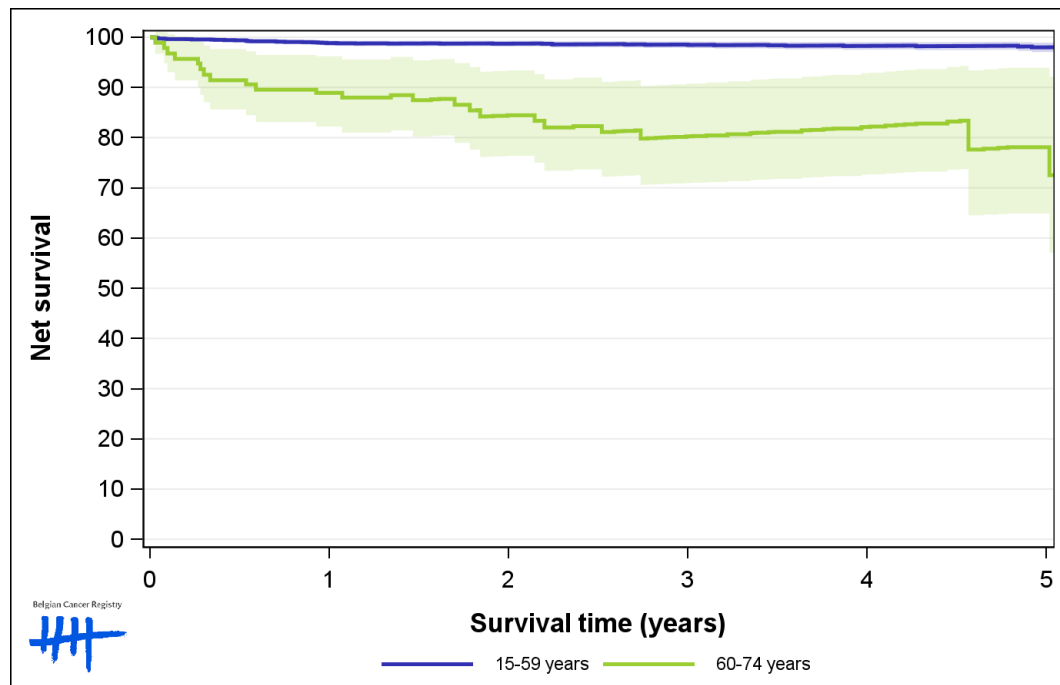


Figure 8: Testicular Cancer: net survival by region, Belgium 2018-2022

