

Belgian Cancer Registry



Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

Belgium 2019

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, 2019

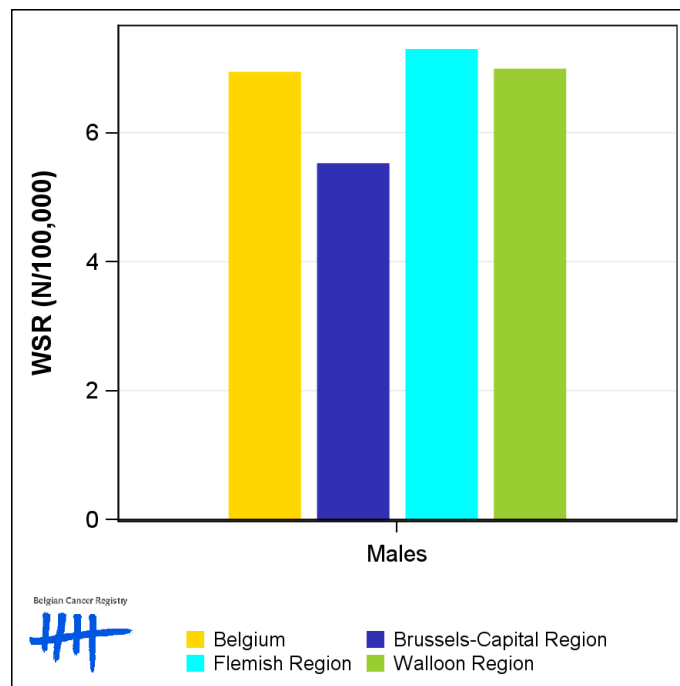
Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	36.6	396	7.0	7.4	6.9	0.54
Brussels-Capital Region	37.5	37	6.2	6.0	5.5	0.45
Flemish Region	35.2	229	7.0	7.6	7.3	0.56
Walloon Region	38.8	130	7.3	7.6	7.0	0.54

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 (%)

Belgian Cancer Registry



Figure 1: Testicular Cancer: Age-standardised incidence rates by region, 2019



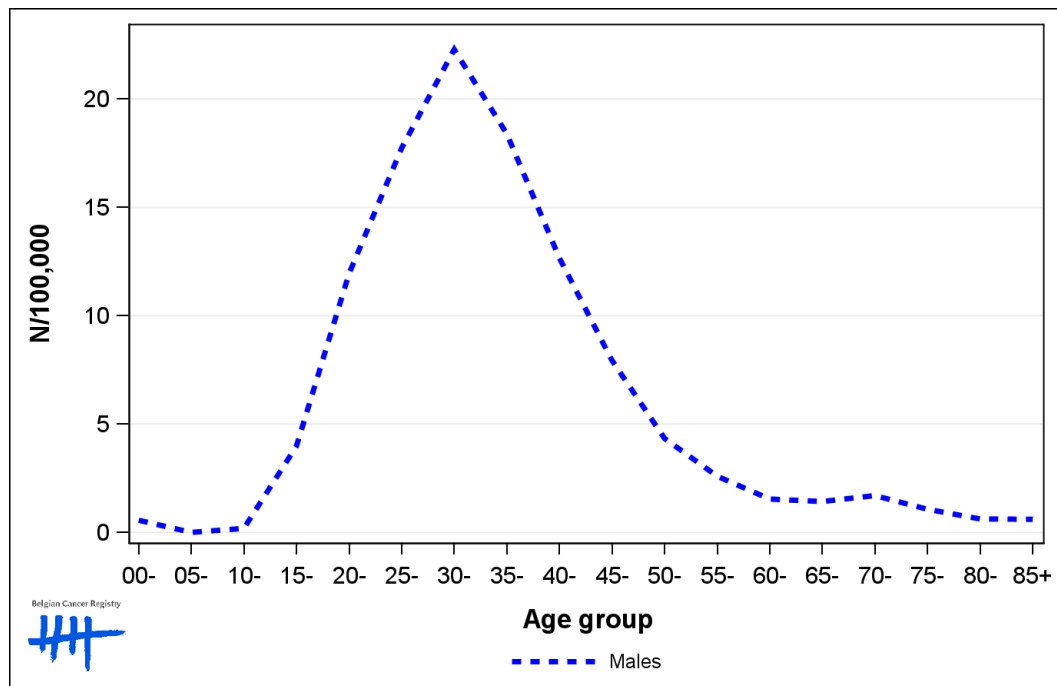
1.2. Age-specific incidence rates

Table 2: Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2019

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.6	0.0	0.0	3.1	13.6	16.9	18.8	17.6	13.9	9.2	5.4	3.5	1.4	2.0	1.2	0.6	1.5	0.0	7.0	7.4	6.9

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: Testicular Cancer: Age-specific incidence rates, 2015-2019



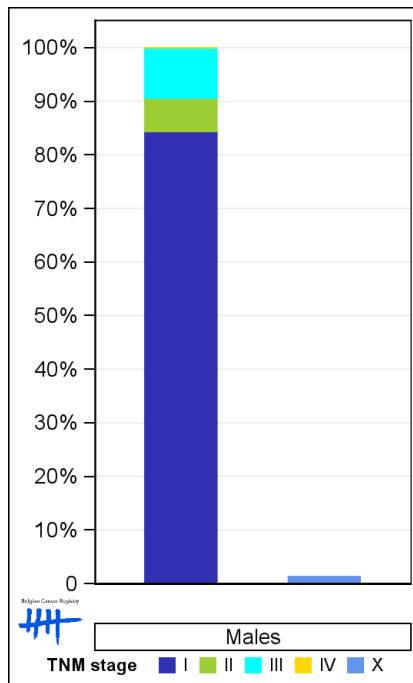
1.3. Combined stage

Table 3: Testicular Cancer: Distribution of combined stage, Belgium 2019

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	324	24	36	0	5	7	396
%	81.8	6.1	9.1	0.0	1.3	1.8	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 2019



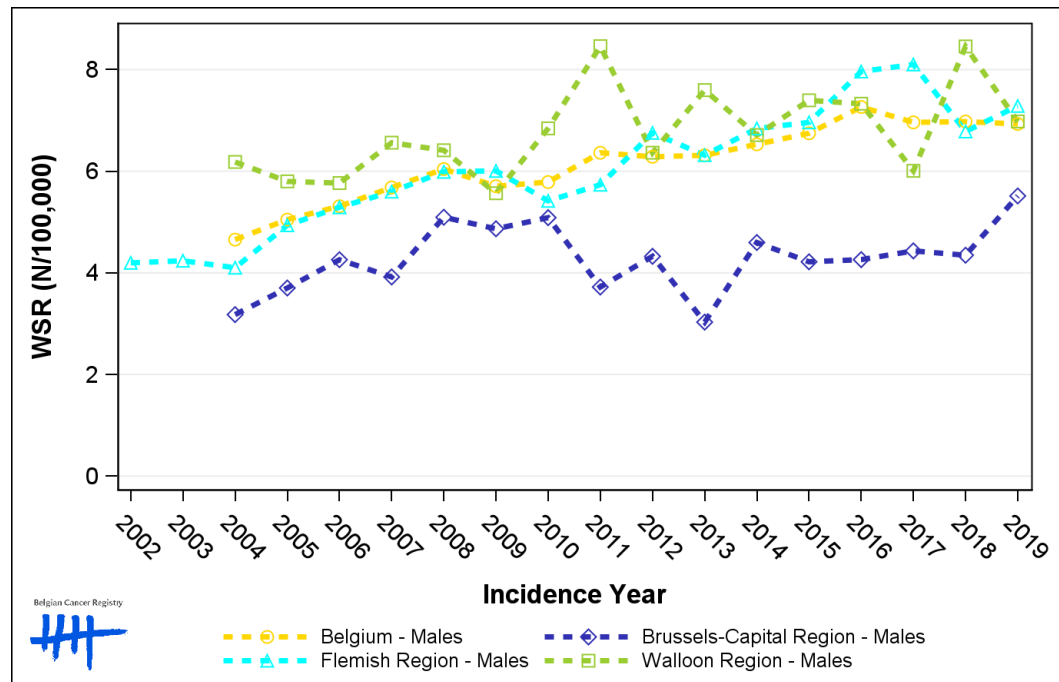
1.4. Trends in incidence

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

Males	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	AAPC	95% CI
Belgium	5.0	5.3	5.7	6.0	5.7	5.8	6.4	6.3	6.3	6.5	6.7	7.3	7.0	7.0	6.9	2.3	[1.8; 2.8]
Brussels-Capital Region	3.7	4.3	3.9	5.1	4.9	5.1	3.7	4.3	3.0	4.6	4.2	4.3	4.4	4.3	5.5	2.5	[-0.0; 5.1]
Flemish Region	4.9	5.3	5.6	6.0	6.0	5.4	5.7	6.8	6.3	6.8	7.0	8.0	8.1	6.8	7.3	3.0	[2.0; 3.9]
Walloon Region	5.8	5.8	6.6	6.4	5.6	6.8	8.5	6.4	7.6	6.7	7.4	7.3	6.0	8.5	7.0	1.6	[0.1; 3.1]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
 AAPC = Average Annual Percentage Change over the 2005-2019 period

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



1.5. Incidence by broad age groups

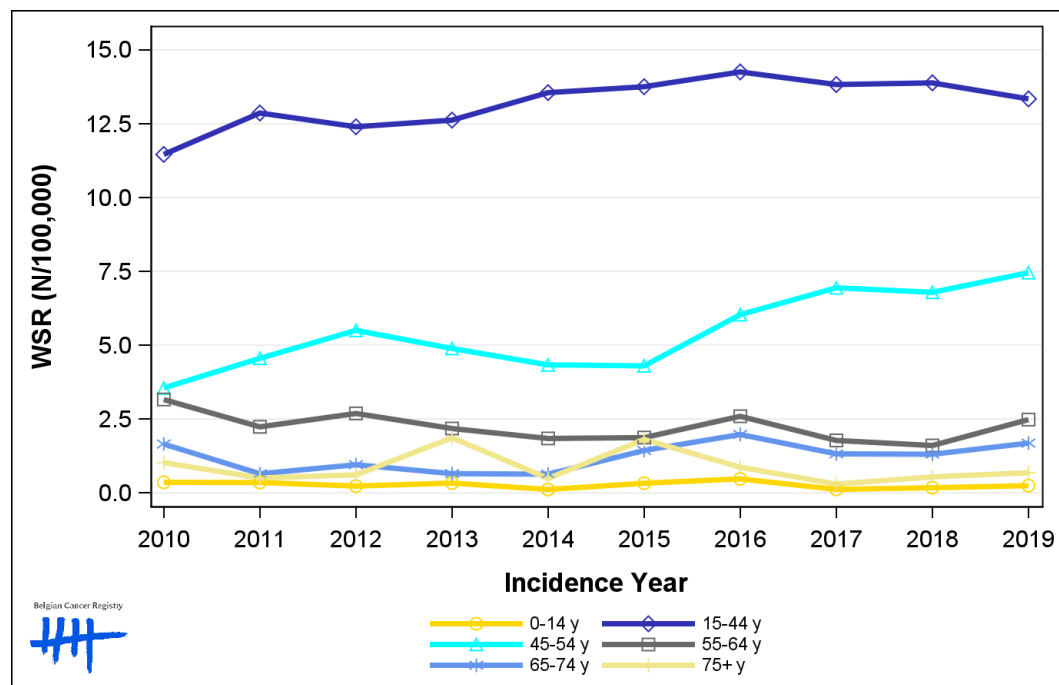
Table 5: Testicular Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year, Belgium

	N										WSR									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Males																				
All ages	316	353	355	351	357	376	407	387	402	396	5.8	6.4	6.3	6.3	6.5	6.7	7.3	7.0	7.0	6.9
0-14 y	3	3	2	3	1	3	4	1	2	2	0.4	0.4	0.2	0.3	0.1	0.3	0.5	0.1	0.2	0.2
15-44 y	253	294	285	283	304	312	324	311	325	305	11.5	12.9	12.4	12.6	13.6	13.8	14.3	13.8	13.9	13.3
45-54 y	28	36	44	40	34	34	47	54	54	58	3.6	4.6	5.5	4.9	4.3	4.3	6.0	6.9	6.8	7.5
55-64 y	21	15	18	15	13	13	19	13	12	19	3.2	2.2	2.7	2.2	1.8	1.9	2.6	1.8	1.6	2.5
65-74 y	7	3	4	3	3	7	10	7	7	9	1.7	0.7	1.0	0.7	0.6	1.4	2.0	1.3	1.3	1.7
75+ y	4	2	2	7	2	7	3	1	2	3	1.0	0.5	0.6	1.9	0.5	1.8	0.9	0.3	0.5	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



Belgian Cancer Registry

0-14 y 15-44 y
45-54 y 55-64 y
65-74 y 75+ y

2. Relative survival

Table 6: Testicular Cancer: 5-year relative survival proportion by age group and region, Belgium 2015-2019

	5-year relative survival 2015-2019 (%)		
	Males		
	N at risk	estimate	95% CI
Overall	1,921	98.0	[96.9, 98.9]
Age group			
15-59 years	1,840	98.6	[97.7, 99.2]
60-74 years	66	83.3	[65.8, 95.1]
75+ years	15	NA (N<35)	-
Region			
Brussels-Capital Region	151	95.7	[90.4, 98.4]
Flemish Region	1,116	98.9	[97.4, 99.8]
Walloon Region	654	97.2	[94.8, 98.8]

Figure 6: Testicular Cancer: relative survival proportion, Belgium 2015-2019

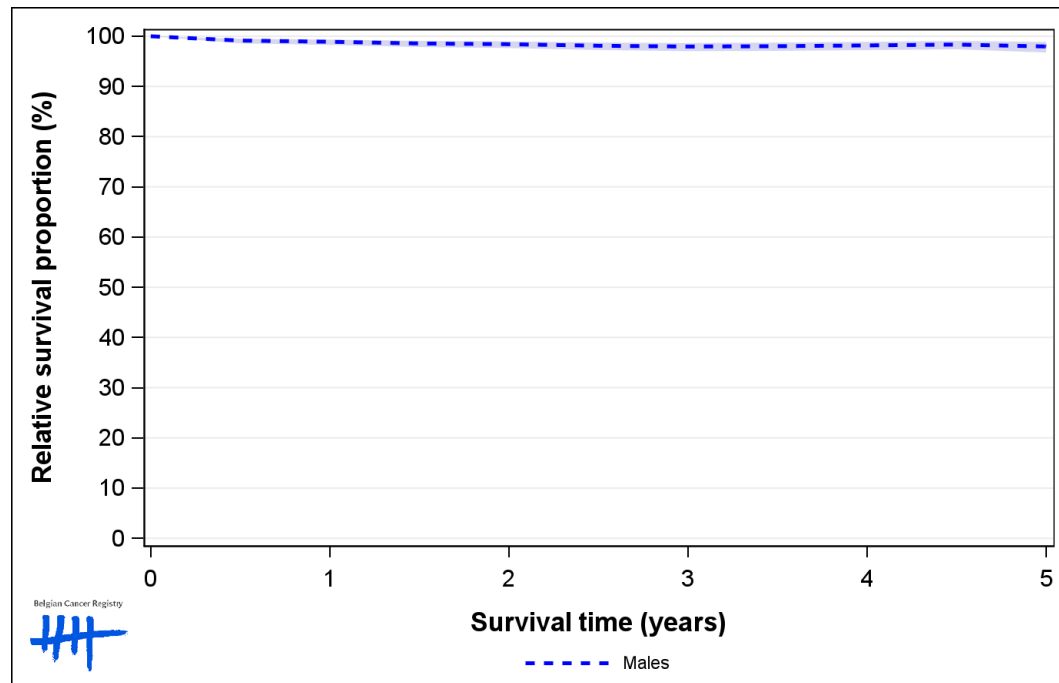


Figure 7: Testicular Cancer: relative survival proportion by age group, Belgium 2015-2019

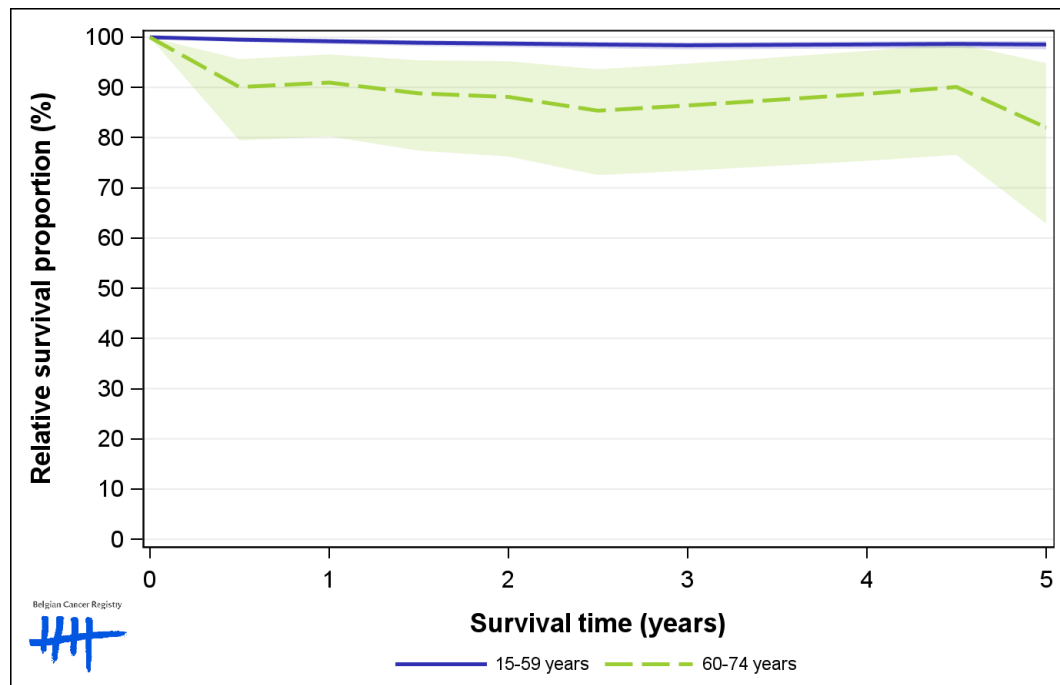


Figure 8: Testicular Cancer: relative survival proportion by region, Belgium 2015-2019

