



Belgian Cancer Registry



# Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

**Belgium 2018**

# 1. Cancer Incidence

## 1.1. Number of new diagnoses and incidence rates

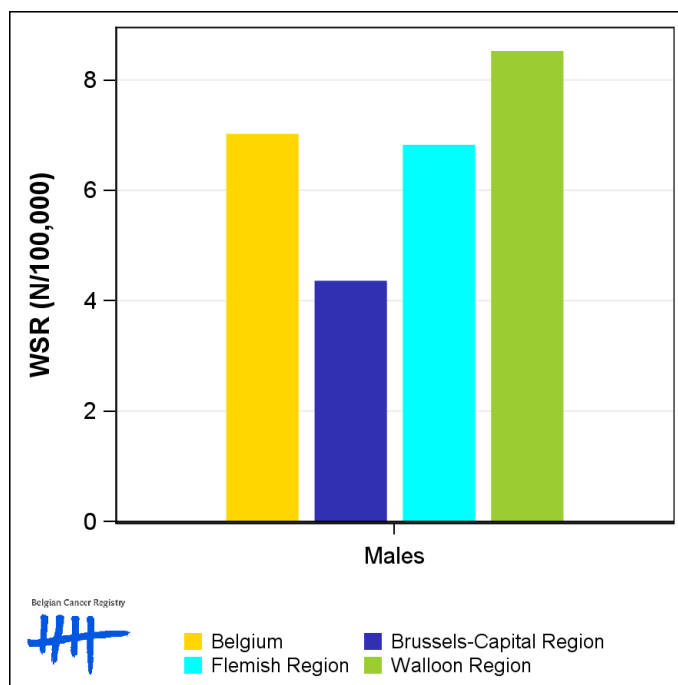
**Table 1:** Testicular Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by region, 2018

Males	Age (years)	N	CR	ESR	WSR	CRi
<b>Belgium</b>	<b>36.4</b>	<b>404</b>	<b>7.2</b>	<b>7.6</b>	<b>7.0</b>	<b>0.55</b>
Brussels-Capital Region	38.1	32	5.5	5.1	4.3	0.38
Flemish Region	35.7	216	6.7	7.2	6.8	0.52
Walloon Region	36.9	156	8.8	9.3	8.5	0.67

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 (%)



**Figure 1:** Testicular Cancer: Age-standardised incidence rates by region, 2018



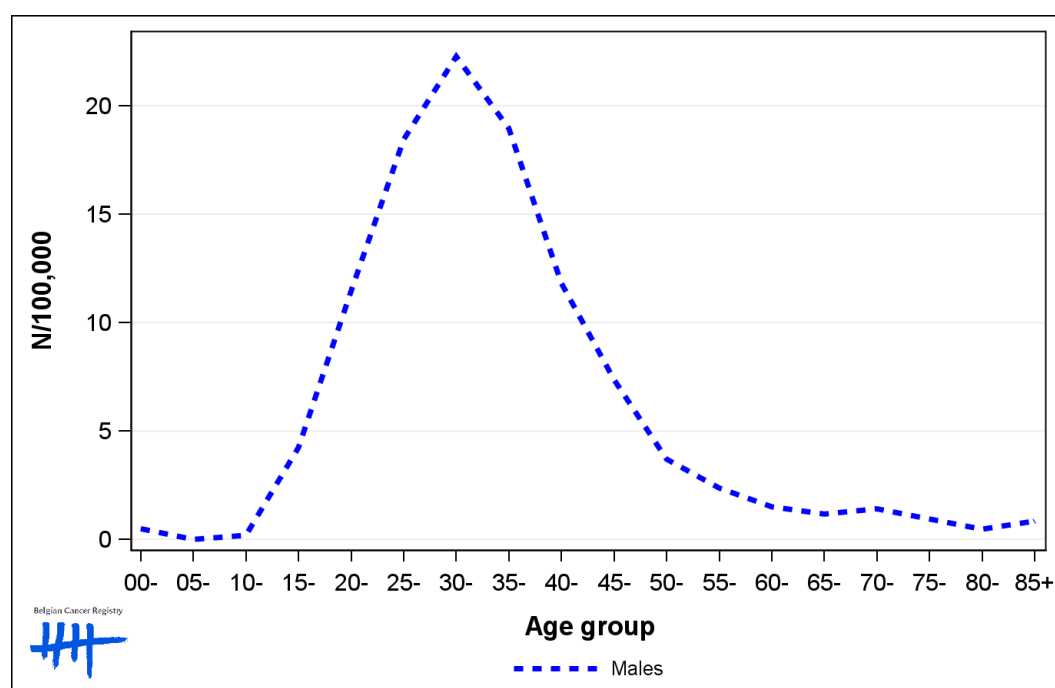
## 1.2. Age-specific incidence rates

**Table 2:** Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2018

	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	0.6	2.8	12.4	14.0	20.4	22.9	17.1	7.8	5.8	2.0	1.2	1.3	1.3	0.6	0.0	1.0	7.2	7.6	7.0

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:** Testicular Cancer: Age-specific incidence rates, 2014-2018



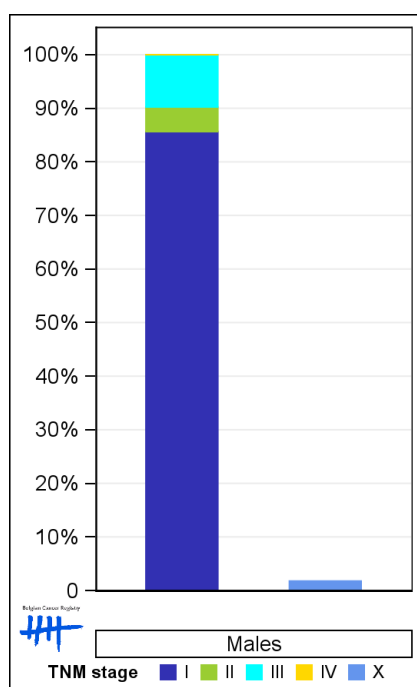
### 1.3. Combined stage

**Table 3:** Testicular Cancer: Distribution of combined stage, Belgium 2018

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
<b>Males</b>							
N	334	18	38	0	7	7	404
%	82.7	4.5	9.4	0.0	1.7	1.7	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 2018



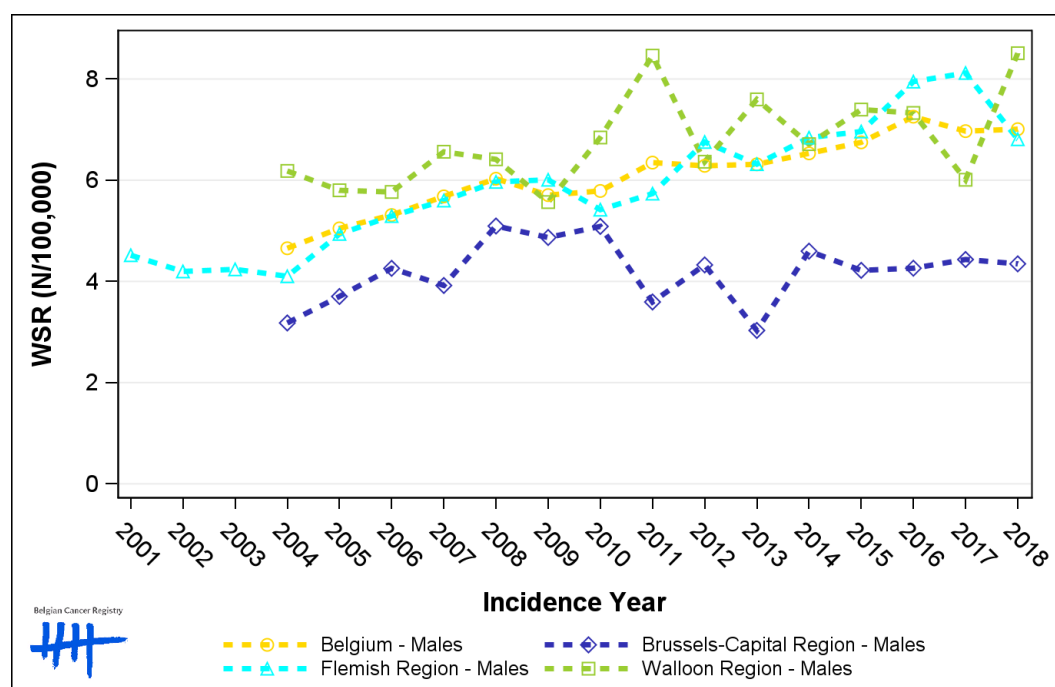
## 1.4. Trends in incidence

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

Males	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAPC	95% CI
<b>Belgium</b>	4.7	5.0	5.3	5.7	6.0	5.7	5.8	6.3	6.3	6.3	6.5	6.7	7.3	7.0	7.0	3.1	[2.6; 3.5]
Brussels-Capital Region	3.2	3.7	4.3	3.9	5.1	4.9	5.1	3.6	4.3	3.0	4.6	4.2	4.3	4.4	4.3	2.6	[0.6; 4.6]
Flemish Region	4.1	4.9	5.3	5.6	6.0	6.0	5.4	5.7	6.8	6.3	6.8	7.0	7.9	8.1	6.8	3.7	[2.6; 4.8]
Walloon Region	6.2	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	1.7	[0.3; 3.2]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)  
 AAPC = Average Annual Percentage Change over the 2004-2018 period

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



## 1.5. Incidence by broad age groups

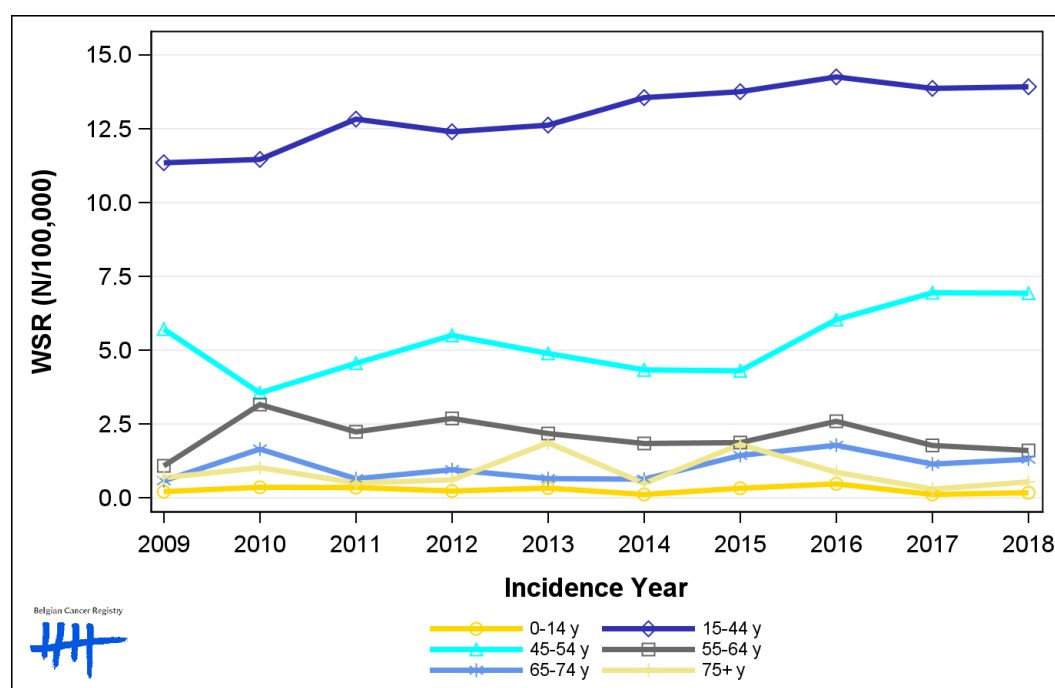
**Table 5:** Testicular Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year, Belgium

	N										WSR									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Males</b>																				
All ages	309	316	352	355	351	357	376	406	387	404	5.7	5.8	6.3	6.3	6.3	6.5	6.7	7.3	7.0	7.0
0-14 y	2	3	3	2	3	1	3	4	1	2	0.2	0.4	0.4	0.2	0.3	0.1	0.3	0.5	0.1	0.2
15-44 y	250	253	293	285	283	304	312	324	312	326	11.3	11.5	12.8	12.4	12.6	13.6	13.8	14.3	13.9	13.9
45-54 y	44	28	36	44	40	34	34	47	54	55	5.7	3.6	4.6	5.5	4.9	4.3	4.3	6.0	6.9	6.9
55-64 y	7	21	15	18	15	13	13	19	13	12	1.1	3.2	2.2	2.7	2.2	1.8	1.9	2.6	1.8	1.6
65-74 y	3	7	3	4	3	3	7	9	6	7	0.6	1.7	0.7	1.0	0.7	0.6	1.4	1.8	1.1	1.3
75+ y	3	4	2	2	7	2	7	3	1	2	0.7	1.0	0.5	0.6	1.9	0.5	1.8	0.9	0.3	0.5

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

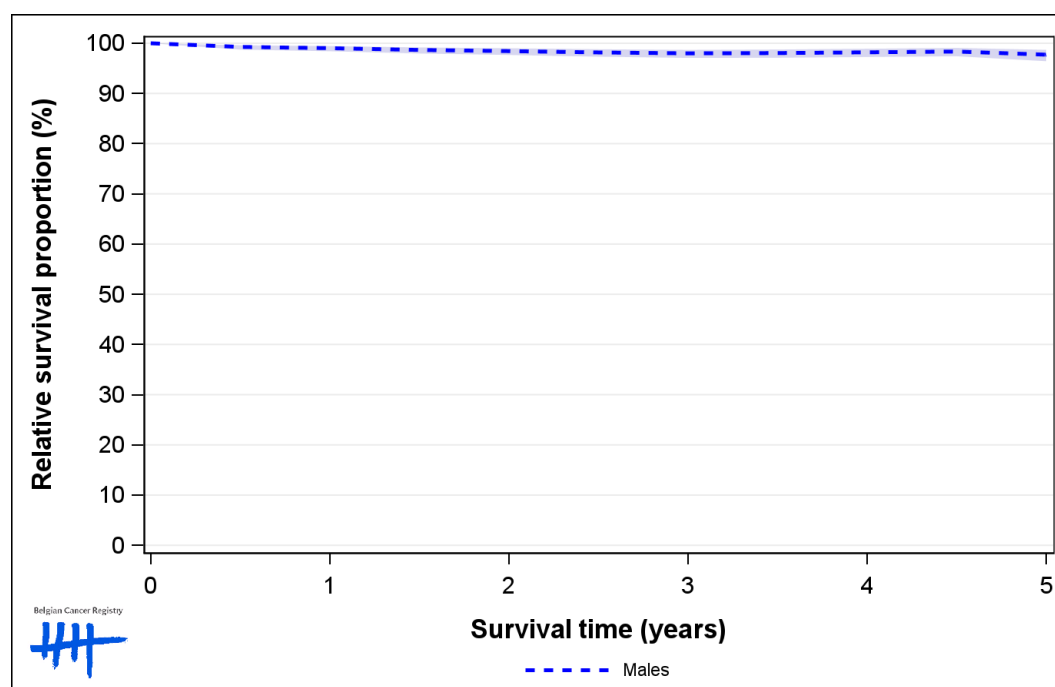


## 2. Relative survival

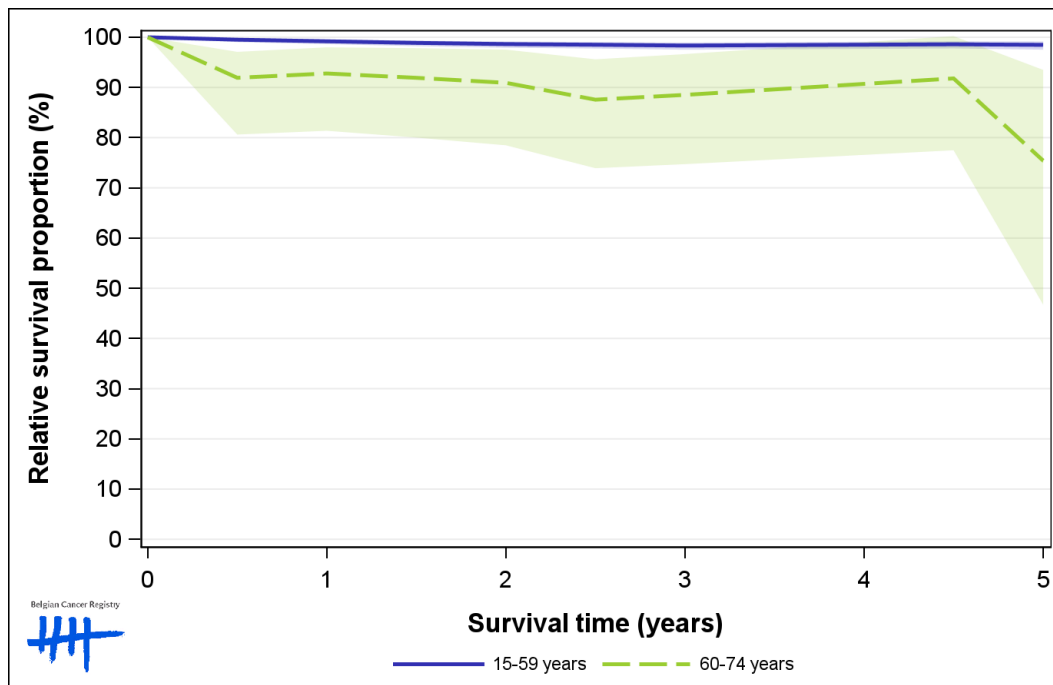
**Table 6:** Testicular Cancer: 5-year relative survival proportion by age group and region, Belgium 2014-2018

	5-year relative survival 2014-2018 (%)		
	Males		
	N at risk	estimate	95% CI
<b>Overall</b>	1,881	97.8	[96.6, 98.7]
<b>Age group</b>			
15-59 years	1,810	98.5	[97.6, 99.2]
60-74 years	57	79.8	[56.4, 94.7]
75+ years	14	NA (N<35)	-
<b>Region</b>			
Brussels-Capital Region	144	95.8	[90.5, 98.5]
Flemish Region	1,095	98.6	[97.0, 99.6]
Walloon Region	642	96.8	[94.4, 98.5]

**Figure 6:** Testicular Cancer: relative survival proportion, Belgium 2014-2018



**Figure 7:** Testicular Cancer: relative survival proportion by age group, Belgium 2014-2018



**Figure 8:** Testicular Cancer: relative survival proportion by region, Belgium 2014-2018

