

Belgian Cancer Registry



# Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

**Belgium 2020**

# 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, 2020

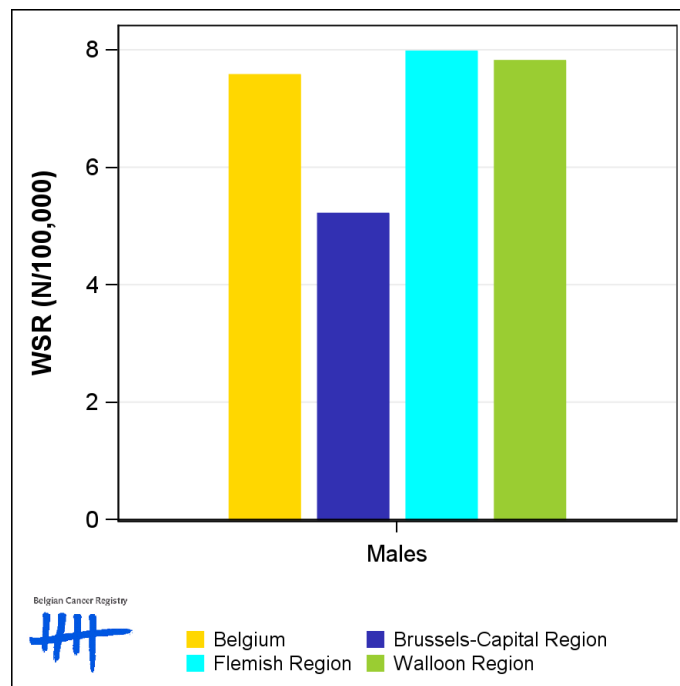
Males	Age (years)	N	CR	ESR	WSR	CRi
<b>Belgium</b>	<b>37.1</b>	<b>440</b>	<b>7.8</b>	<b>8.1</b>	<b>7.6</b>	<b>0.59</b>
Brussels-Capital Region	38.2	38	6.4	5.9	5.2	0.41
Flemish Region	36.9	260	7.9	8.5	8.0	0.62
Walloon Region	37.0	142	8.0	8.4	7.8	0.61

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 (%)

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**Figure 1:** Testicular Cancer: Age-standardised incidence rates by region, 2020



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■ Belgium      ■ Brussels-Capital Region  
■ Flemish Region      ■ Walloon Region

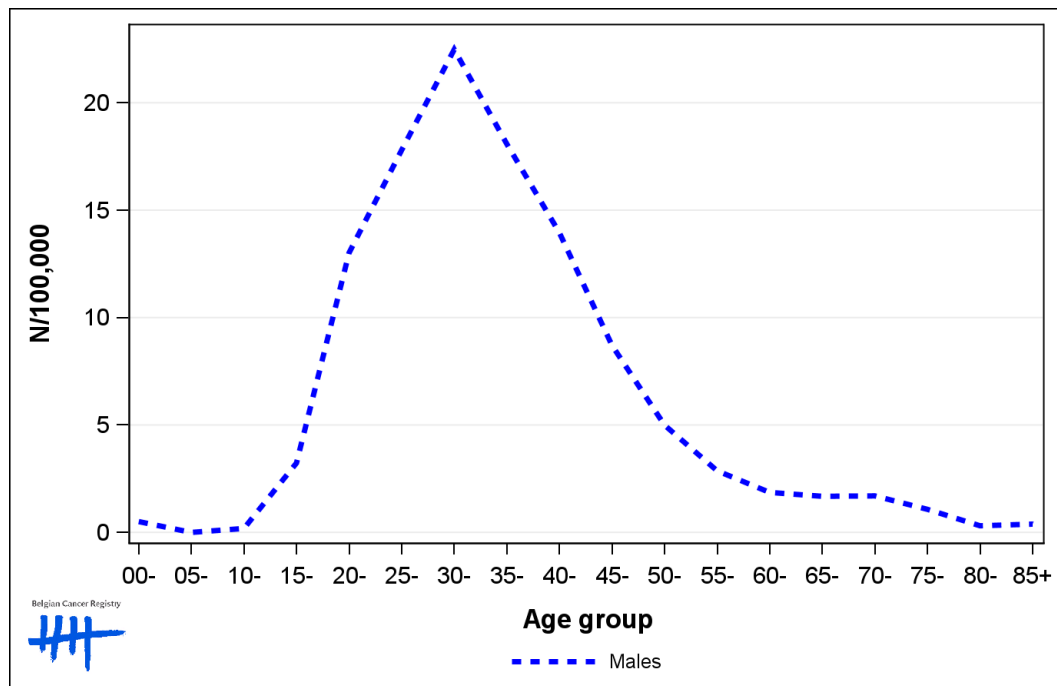
## 1.2. Age-specific incidence rates

**Table 2:** Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2020

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.3	0.0	0.3	1.8	14.8	18.1	23.4	19.5	15.1	9.0	6.0	3.0	3.6	2.6	1.6	1.2	0.0	0.9	7.8	8.1	7.6

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, 2016-2020



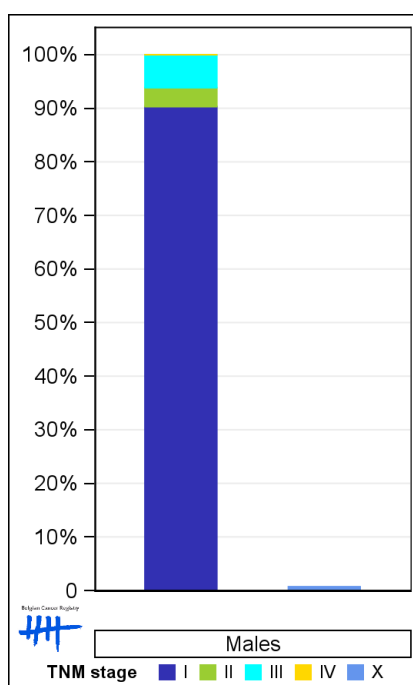
### 1.3. Combined stage

**Table 3:** Testicular Cancer: Distribution of combined stage, Belgium 2020

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
<b>Males</b>							
N	383	15	26	0	3	13	440
%	87.0	3.4	5.9	0.0	0.7	3.0	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:** Testicular Cancer: Bar chart of known combined stage, Belgium 2020



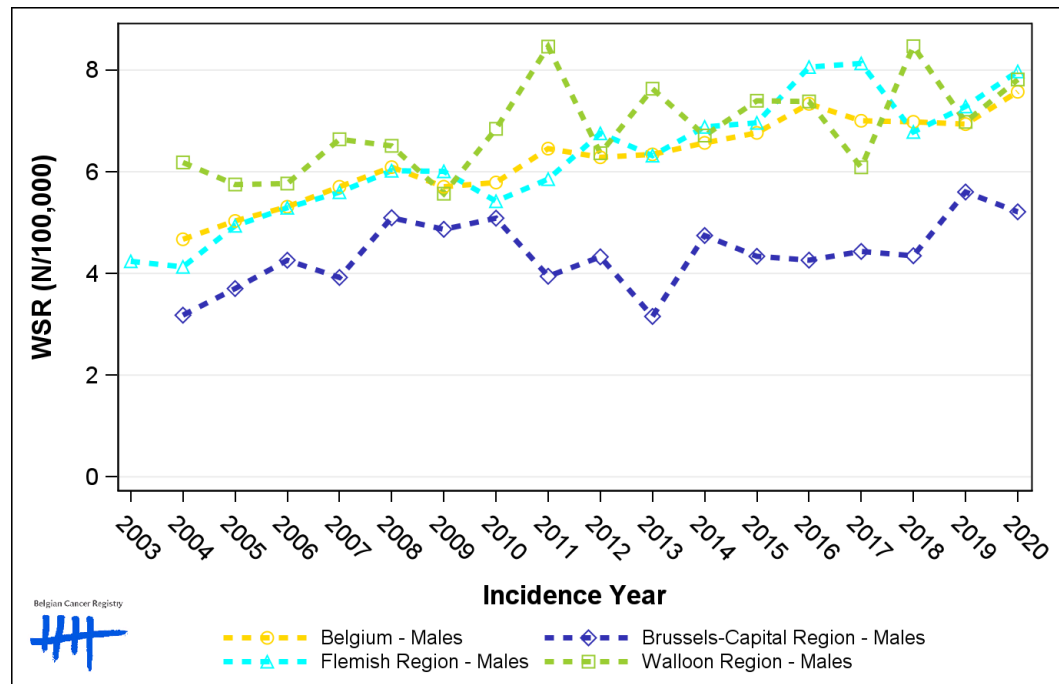
## 1.4. Trends in incidence

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

Males	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	AAPC	95% CI
<b>Belgium</b>	5.3	5.7	6.1	5.7	5.8	6.5	6.3	6.3	6.6	6.8	7.3	7.0	7.0	6.9	7.6	2.2	[1.7; 2.7]
Brussels-Capital Region	4.3	3.9	5.1	4.9	5.1	3.9	4.3	3.2	4.7	4.3	4.3	4.4	4.3	5.6	5.2	1.3	[-0.5; 3.2]
Flemish Region	5.3	5.6	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	2.8	[1.9; 3.8]
Walloon Region	5.8	6.6	6.5	5.6	6.8	8.5	6.4	7.6	6.7	7.4	7.4	6.1	8.5	7.0	7.8	1.5	[0.0; 3.0]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)  
 AAPC = Average Annual Percentage Change over the 2006-2020 period

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



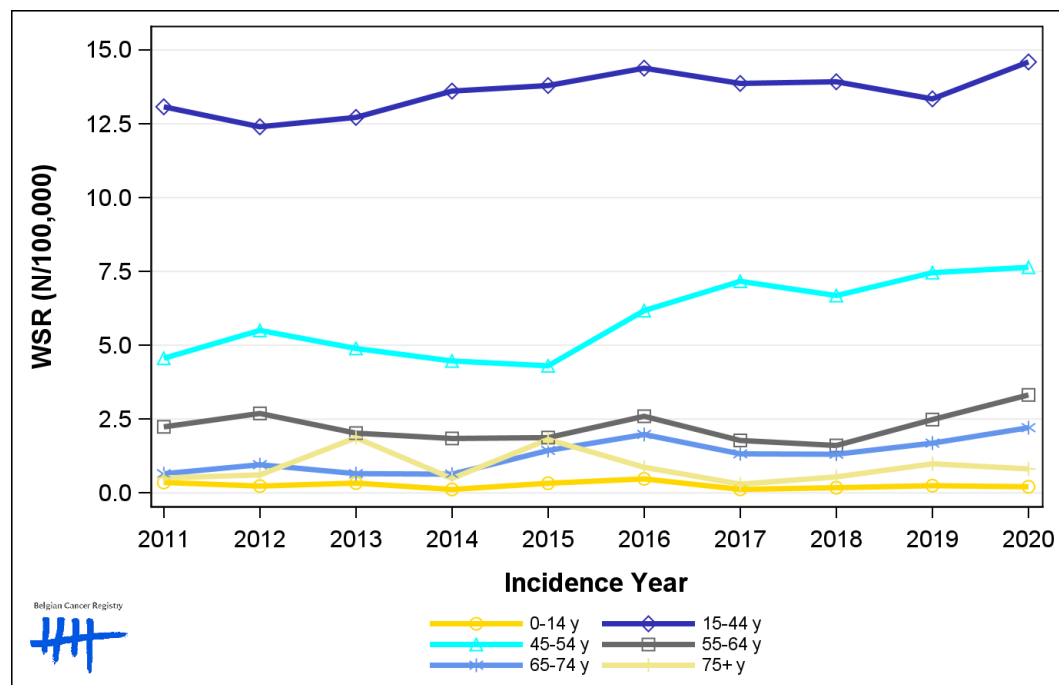
## 1.5. Incidence by broad age groups

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

	N										WSR									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Males</b>																				
All ages	357	355	352	359	377	411	390	402	397	440	6.5	6.3	6.3	6.6	6.8	7.3	7.0	7.0	6.9	7.6
0-14 y	3	2	3	1	3	4	1	2	2	2	0.4	0.2	0.3	0.1	0.3	0.5	0.1	0.2	0.2	0.2
15-44 y	298	285	285	305	313	327	312	326	305	339	13.1	12.4	12.7	13.6	13.8	14.4	13.9	13.9	13.3	14.6
45-54 y	36	44	40	35	34	48	56	53	58	59	4.6	5.5	4.9	4.5	4.3	6.2	7.2	6.7	7.5	7.6
55-64 y	15	18	14	13	13	19	13	12	19	25	2.2	2.7	2.0	1.8	1.9	2.6	1.8	1.6	2.5	3.3
65-74 y	3	4	3	3	7	10	7	7	9	12	0.7	1.0	0.7	0.6	1.4	2.0	1.3	1.3	1.7	2.2
75+ y	2	2	7	2	7	3	1	2	4	3	0.5	0.6	1.9	0.5	1.8	0.9	0.3	0.5	1.0	0.8

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



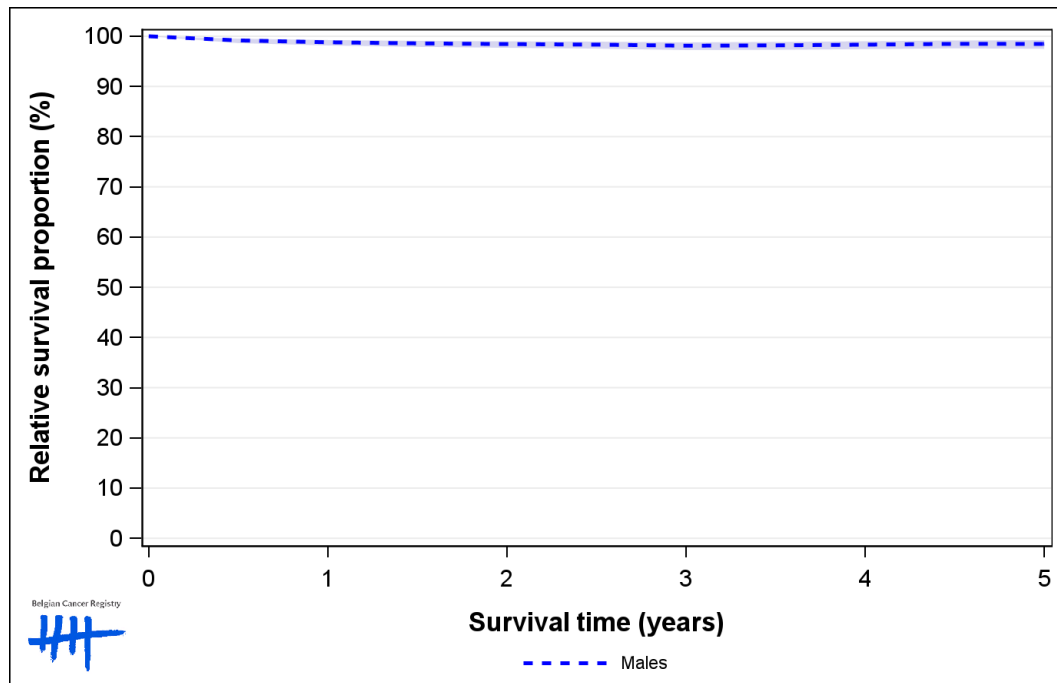
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## 2. Relative survival

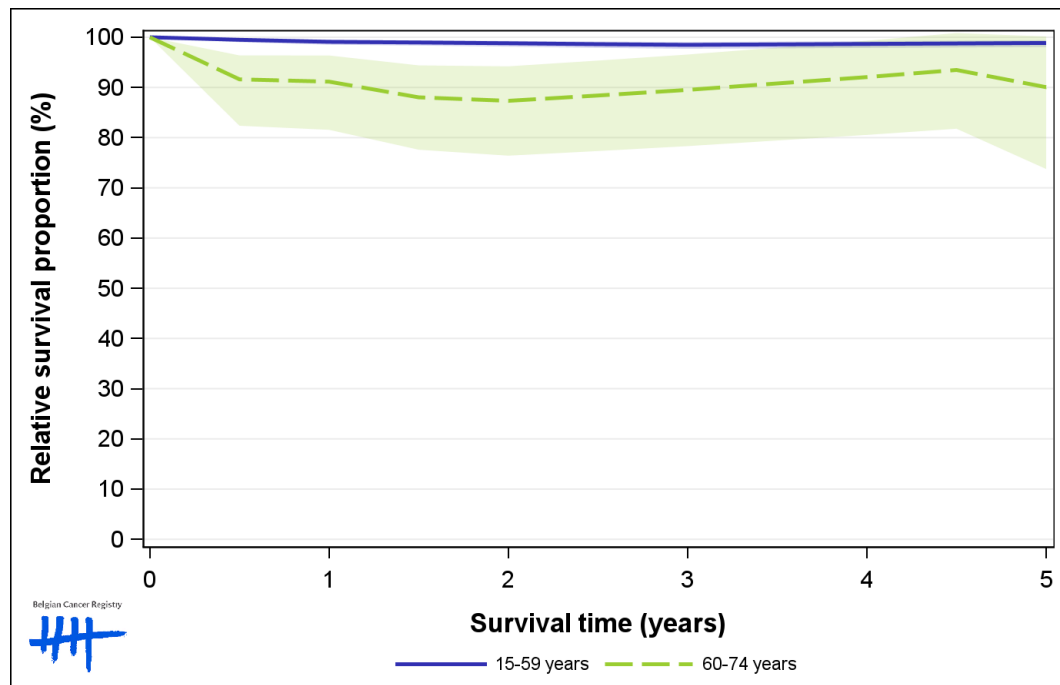
**Table 6:** Testicular Cancer: 5-year relative survival proportion by age group and region, Belgium 2016-2020

	5-year relative survival 2016-2020 (%)		
	Males		
	N at risk	estimate	95% CI
<b>Overall</b>	1,993	98.5	[97.6, 99.2]
<b>Age group</b>			
15-59 years	1,903	98.9	[98.1, 99.4]
60-74 years	77	90.2	[74.9, 99.9]
75+ years	13	NA (N<35)	-
<b>Region</b>			
Brussels-Capital Region	164	95.6	[90.4, 98.5]
Flemish Region	1,165	99.6	[98.7, 100.2]
Walloon Region	664	97.2	[94.9, 98.8]

**Figure 6:** Testicular Cancer: relative survival proportion, Belgium 2016-2020



**Figure 7:** Testicular Cancer: relative survival proportion by age group, Belgium 2016-2020



**Figure 8:** Testicular Cancer: relative survival proportion by region, Belgium 2016-2020

