

Belgian Cancer Registry



# Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

**Belgium 2021**

# 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, 2021

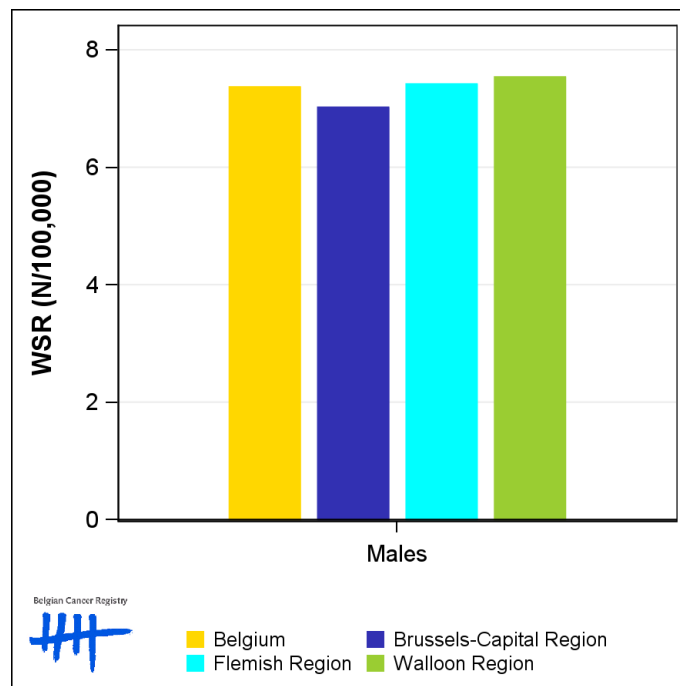
Males	Age (years)	N	CR	ESR	WSR	CRi
<b>Belgium</b>	<b>37.4</b>	<b>435</b>	<b>7.7</b>	<b>8.0</b>	<b>7.4</b>	<b>0.58</b>
Brussels-Capital Region	36.5	49	8.2	7.5	7.0	0.51
Flemish Region	36.4	243	7.4	8.0	7.4	0.58
Walloon Region	39.4	143	8.0	8.2	7.5	0.60

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, 2021



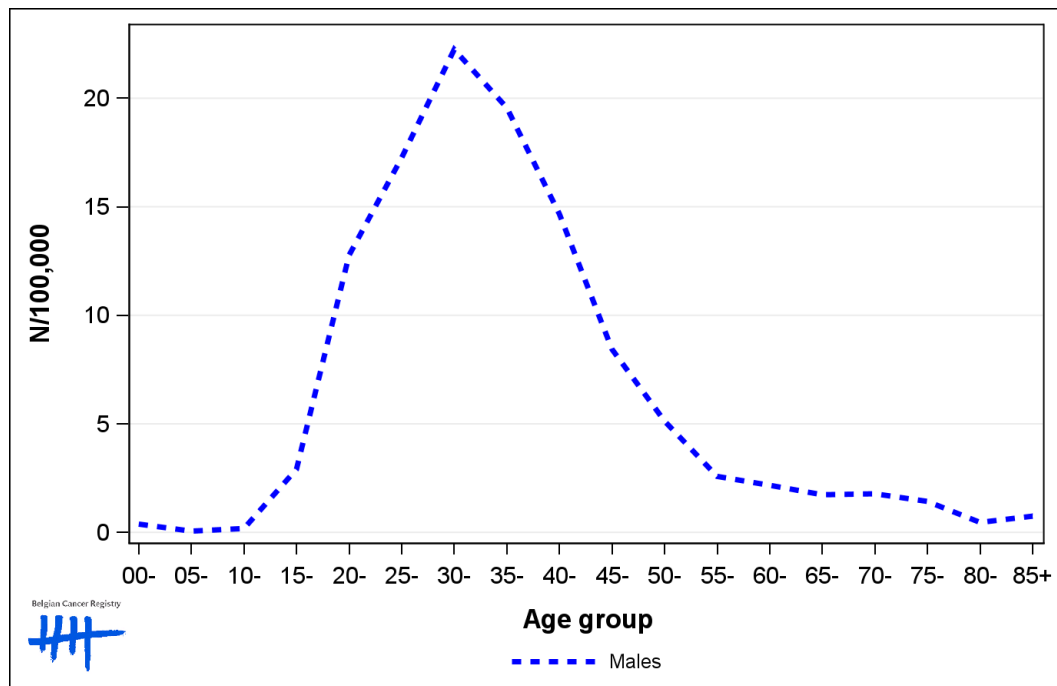
## 1.2. Age-specific incidence rates

**Table 2:** Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2021

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	0.7	0.3	0.0	2.5	8.2	19.3	28.4	20.7	14.9	7.1	4.0	2.2	3.0	1.6	3.0	3.4	0.8	1.8	7.7	8.0	7.4

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, 2017-2021



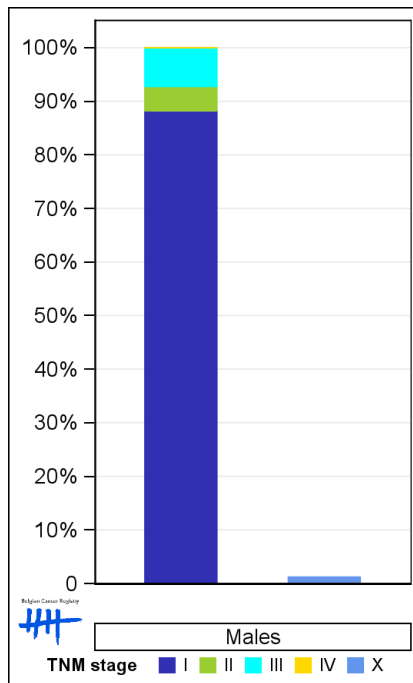
### 1.3. Combined stage

**Table 3:** Testicular Cancer: Distribution of combined stage, Belgium 2021

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
<b>Males</b>							
N	367	19	30	0	5	14	435
%	84.4	4.4	6.9	0.0	1.1	3.2	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 2021



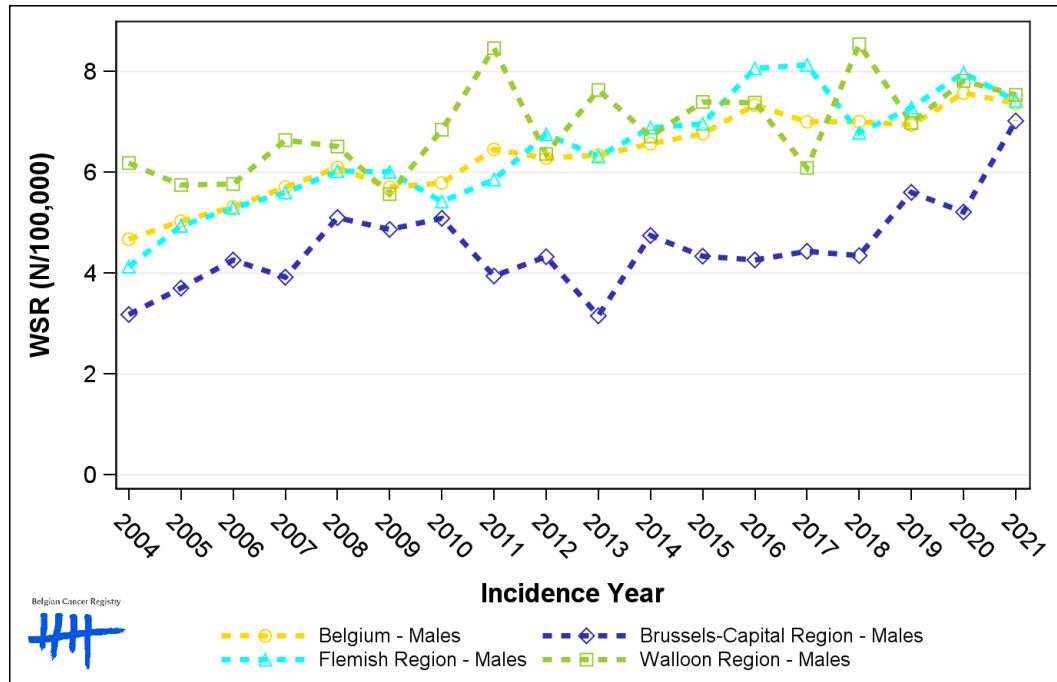
## 1.4. Trends in incidence

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

Males	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	AAPC	95% CI
<b>Belgium</b>	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	7.4	2.0	[1.5; 2.4]
Brussels-Capital Region	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	7.0	2.7	[0.8; 4.6]
Flemish Region	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	7.4	2.5	[1.5; 3.5]
Walloon Region	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	7.5	1.2	[-0.2; 2.6]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)  
 AAPC = Average Annual Percentage Change over the 2007-2021 period

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



## 1.5. Incidence by broad age groups

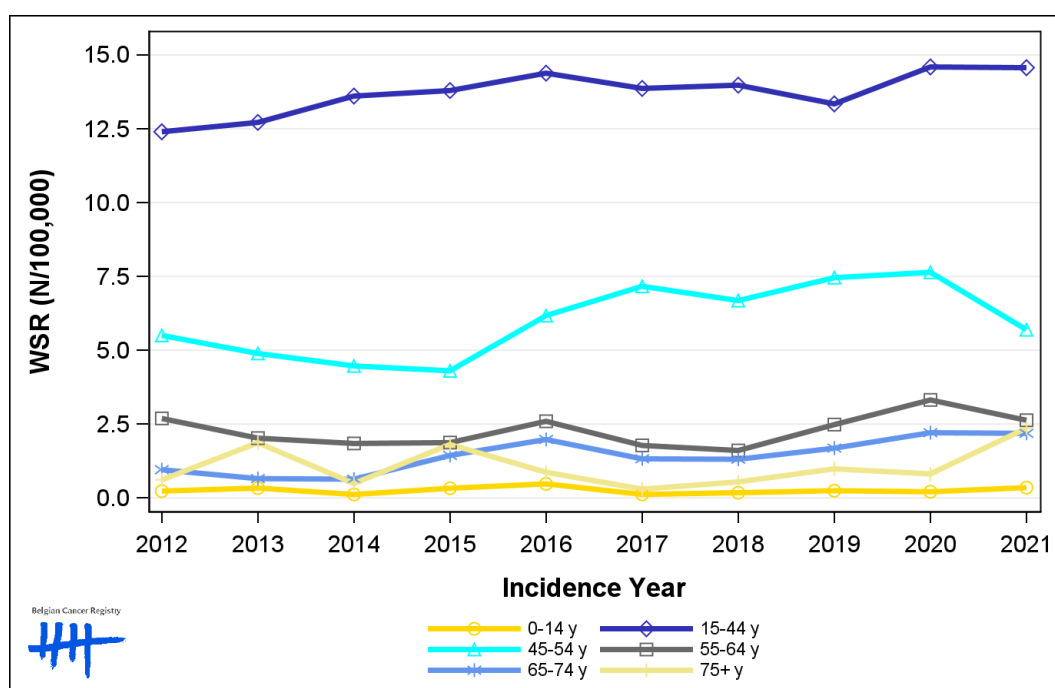
**Table 5:** Testicular Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year, Belgium

	N											WSR										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
<b>Males</b>																						
All ages	355	352	359	377	411	390	403	397	440	435	6.3	6.3	6.6	6.8	7.3	7.0	7.0	6.9	7.6	7.4		
0-14 y	2	3	1	3	4	1	2	2	2	3	0.2	0.3	0.1	0.3	0.5	0.1	0.2	0.2	0.2	0.4		
15-44 y	285	285	305	313	327	312	327	305	339	347	12.4	12.7	13.6	13.8	14.4	13.9	14.0	13.3	14.6	14.6		
45-54 y	44	40	35	34	48	56	53	58	59	43	5.5	4.9	4.5	4.3	6.2	7.2	6.7	7.5	7.6	5.7		
55-64 y	18	14	13	13	19	13	12	19	25	20	2.7	2.0	1.8	1.9	2.6	1.8	1.6	2.5	3.3	2.6		
65-74 y	4	3	3	7	10	7	7	9	12	13	1.0	0.7	0.6	1.4	2.0	1.3	1.3	1.7	2.2	2.2		
75+ y	2	7	2	7	3	1	2	4	3	9	0.6	1.9	0.5	1.8	0.9	0.3	0.5	1.0	0.8	2.4		

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 2017-2021

	5-year relative survival 2017-2021 (%)		
	Males		
	N at risk	estimate	95% CI
<b>Overall</b>	2,025	98.0	[96.9, 98.8]
<b>Age group</b>			
15-59 years	1,920	98.7	[97.9, 99.3]
60-74 years	86	81.5	[65.2, 92.8]
75+ years	19	NA (N<50)	-
<b>Region</b>			
Brussels-Capital Region	182	96.1	[91.0, 98.8]
Flemish Region	1,170	98.9	[97.7, 99.7]
Walloon Region	673	96.8	[94.4, 98.5]

**Figure 6:** Testicular Cancer: relative survival proportion, Belgium 2017-2021

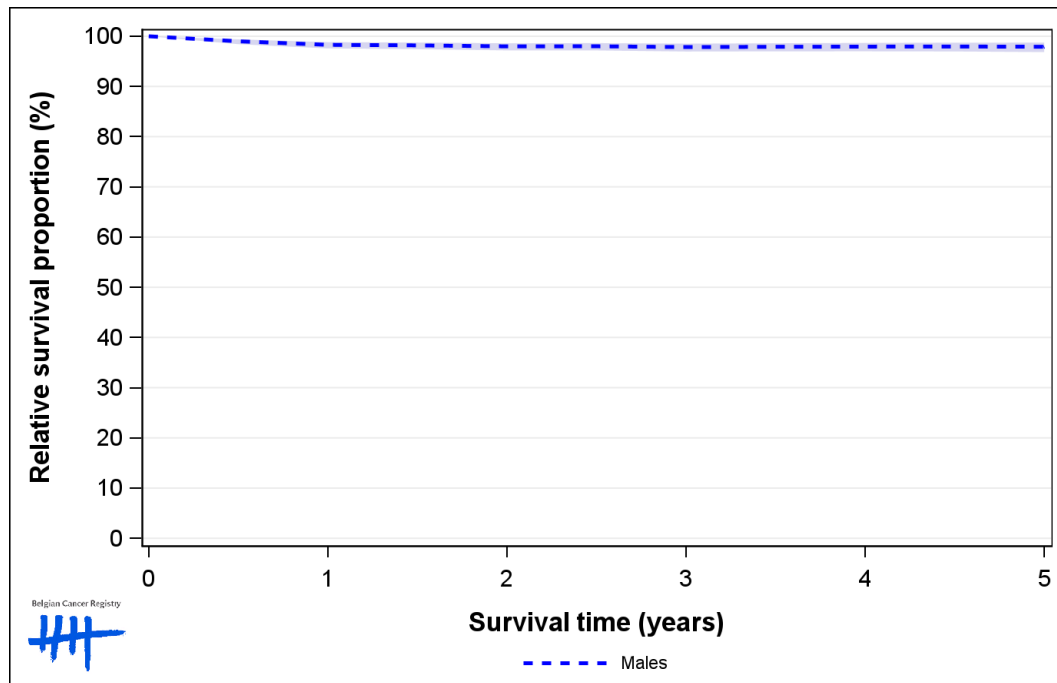


Figure 7: Testicular Cancer: relative survival proportion by age group, Belgium 2017-2021

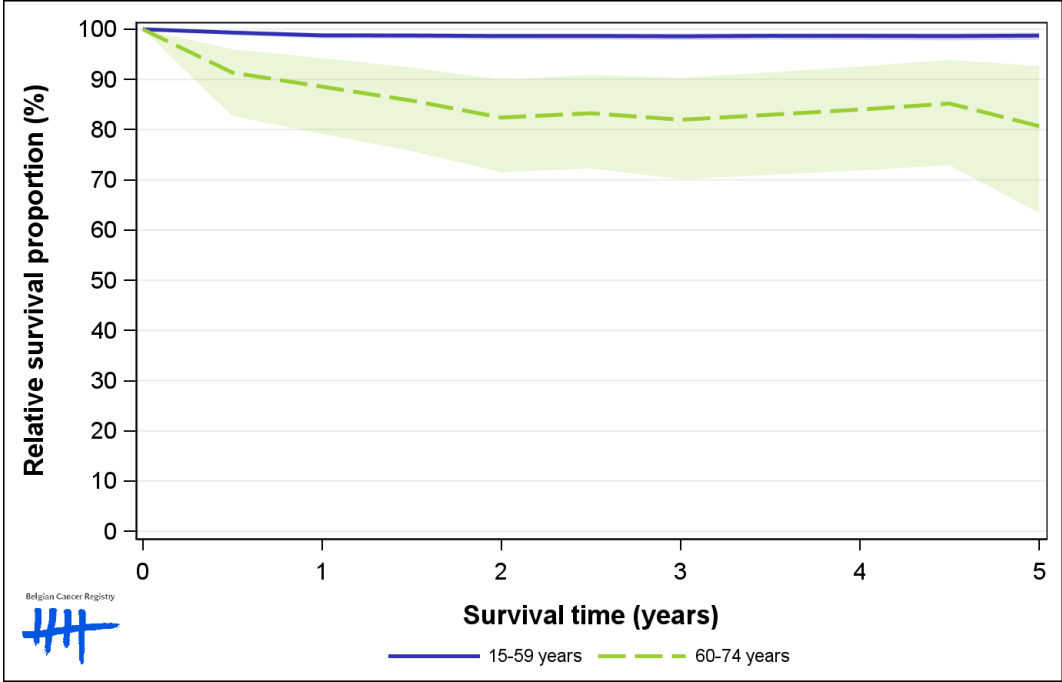


Figure 8: Testicular Cancer: relative survival proportion by region, Belgium 2017-2021

