

Belgian Cancer Registry



Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

Belgium 2017

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

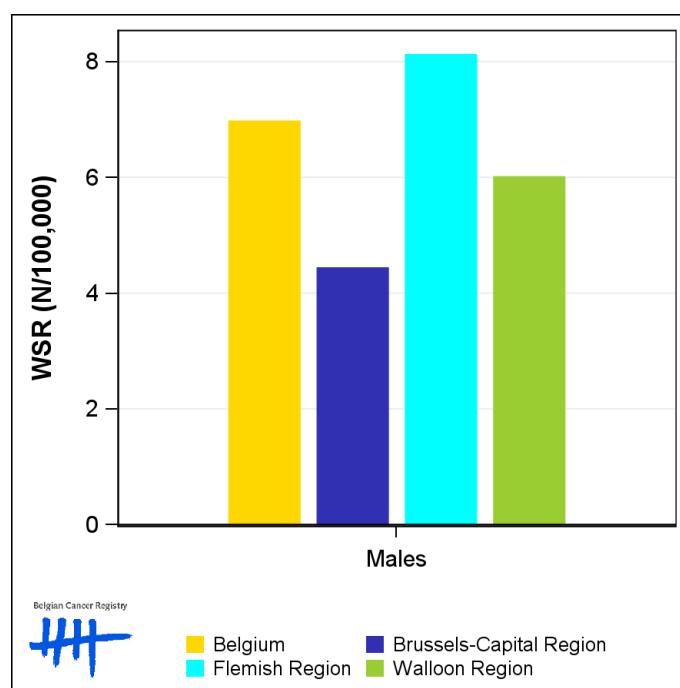
Table 1: Testicular Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by region, 2017

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	35.1	387	7.0	7.3	7.0	0.53
Brussels-Capital Region	36.6	30	5.2	4.8	4.4	0.35
Flemish Region	33.9	247	7.7	8.4	8.1	0.60
Walloon Region	37.4	110	6.2	6.5	6.0	0.47

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, 2017



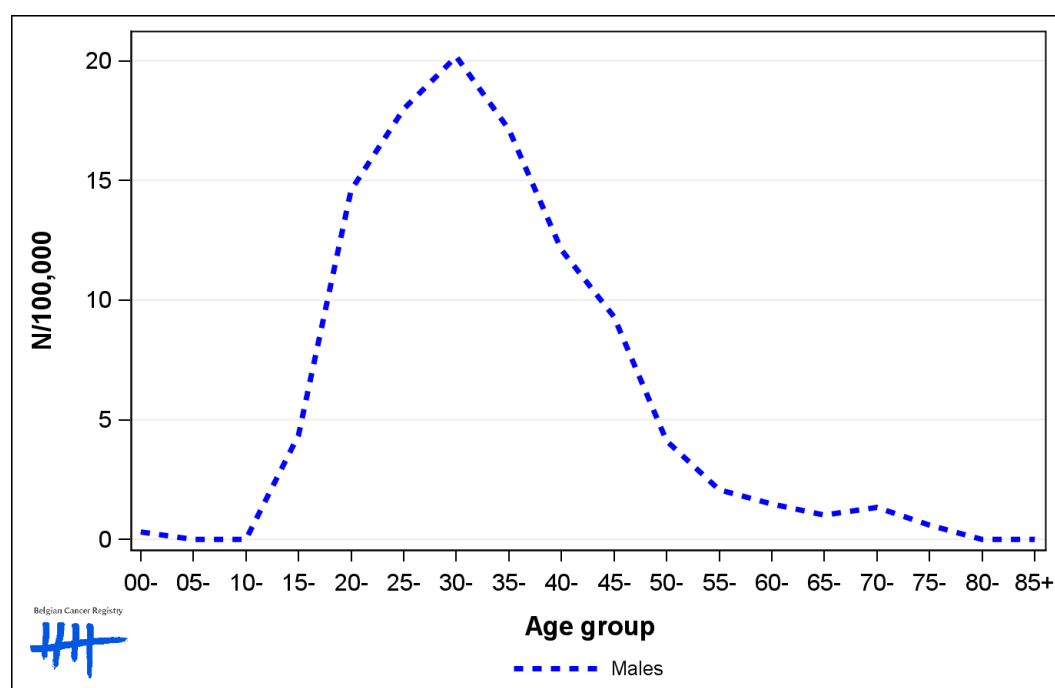
1.2. Age-specific incidence rates

Table 2: Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2017

	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	0.0	4.4	14.6	18.0	20.2	17.1	12.1	9.3	4.1	2.1	1.5	1.0	1.3	0.6	0.0	0.0	7.0	7.3	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, 2017



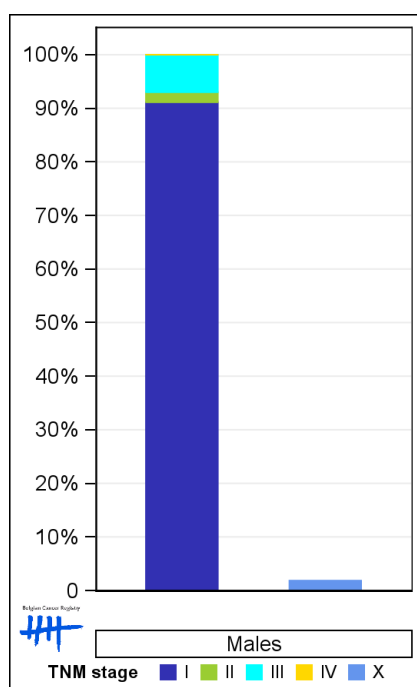
1.3. Combined stage

Table 3: Testicular Cancer: Distribution of combined stage, Belgium 2017

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	340	7	26	0	7	7	387
%	87.9	1.8	6.7	0.0	1.8	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 2017



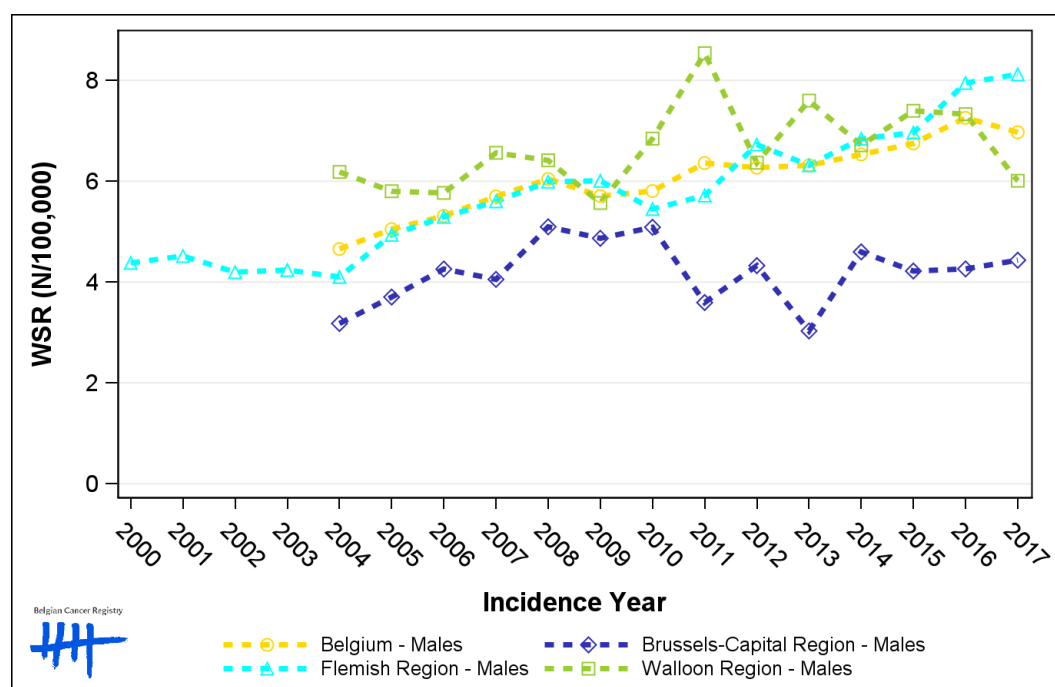
1.4. Trends in incidence

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

Males	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAPC	95% CI
Belgium	4.7	5.0	5.3	5.3	5.7	6.0	5.7	5.8	6.4	6.3	6.3	6.5	6.7	7.3	7.0	2.9	[2.3; 3.5]
Brussels-Capital Region	3.2	3.7	4.3	4.3	4.1	5.1	4.9	5.1	3.6	4.3	3.0	4.6	4.2	4.3	4.4	1.1	[-1.1; 3.3]
Flemish Region	4.2	4.1	4.9	5.3	5.6	6.0	6.0	5.4	5.7	6.7	6.3	6.8	7.0	7.9	8.1	5.1	[4.2; 6.1]
Walloon Region	6.2	5.8	5.8	6.6	6.6	6.4	5.6	6.8	8.5	6.4	7.6	6.7	7.4	7.3	6.0	1.3	[-0.3; 3.0]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)
 AAPC = Average Annual Percentage Change over the 2004-2017 period (except for the Flemish region : 2003-2017).

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



1.5. Incidence by broad age groups

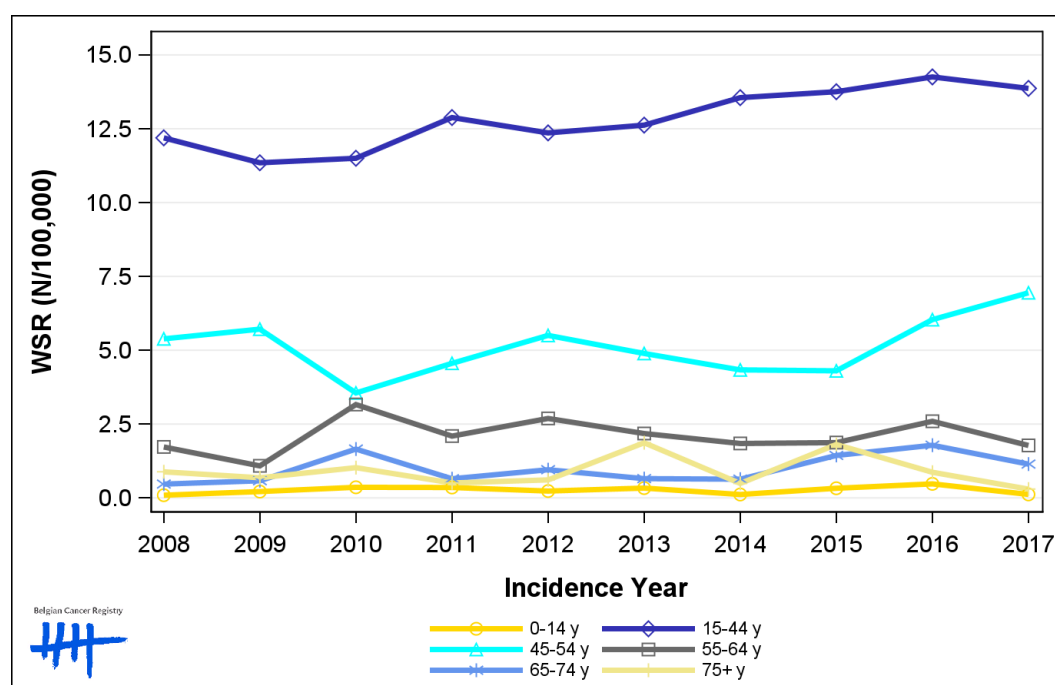
Table 5: Testicular Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year, Belgium

	N											WSR									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Males																					
All ages	318	309	317	352	354	351	357	376	406	387	6.0	5.7	5.8	6.4	6.3	6.3	6.5	6.7	7.3	7.0	
0-14 y	1	2	3	3	2	3	1	3	4	1	<0.1	0.2	0.4	0.4	0.2	0.3	0.1	0.3	0.5	0.1	
15-44 y	260	250	254	294	284	283	304	312	324	312	12.2	11.3	11.5	12.9	12.4	12.6	13.6	13.8	14.3	13.9	
45-54 y	41	44	28	36	44	40	34	34	47	54	5.4	5.7	3.6	4.6	5.5	4.9	4.3	4.3	6.0	6.9	
55-64 y	11	7	21	14	18	15	13	13	19	13	1.7	1.1	3.2	2.1	2.7	2.2	1.8	1.9	2.6	1.8	
65-74 y	2	3	7	3	4	3	3	7	9	6	0.5	0.6	1.7	0.7	1.0	0.7	0.6	1.4	1.8	1.1	
75+ y	3	3	4	2	2	7	2	7	3	1	0.9	0.7	1.0	0.5	0.6	1.9	0.5	1.8	0.9	0.3	

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 2013-2017

	5-year relative survival 2013-2017 (%)		
	Males		
	N at risk	estimate	95% CI
Overall	1,827	98.1	[97.0, 98.9]
Age group			
15-59 years	1,753	98.8	[98.0, 99.4]
60-74 years	55	89.5	[68.1, 101.2]
75+ years	19	NA (N<35)	-
Region			
Brussels-Capital Region	130	95.2	[89.2, 98.2]
Flemish Region	1,081	99.2	[98.0, 100.0]
Walloon Region	616	96.7	[94.3, 98.5]

Figure 6: Testicular Cancer: relative survival proportion, Belgium 2013-2017

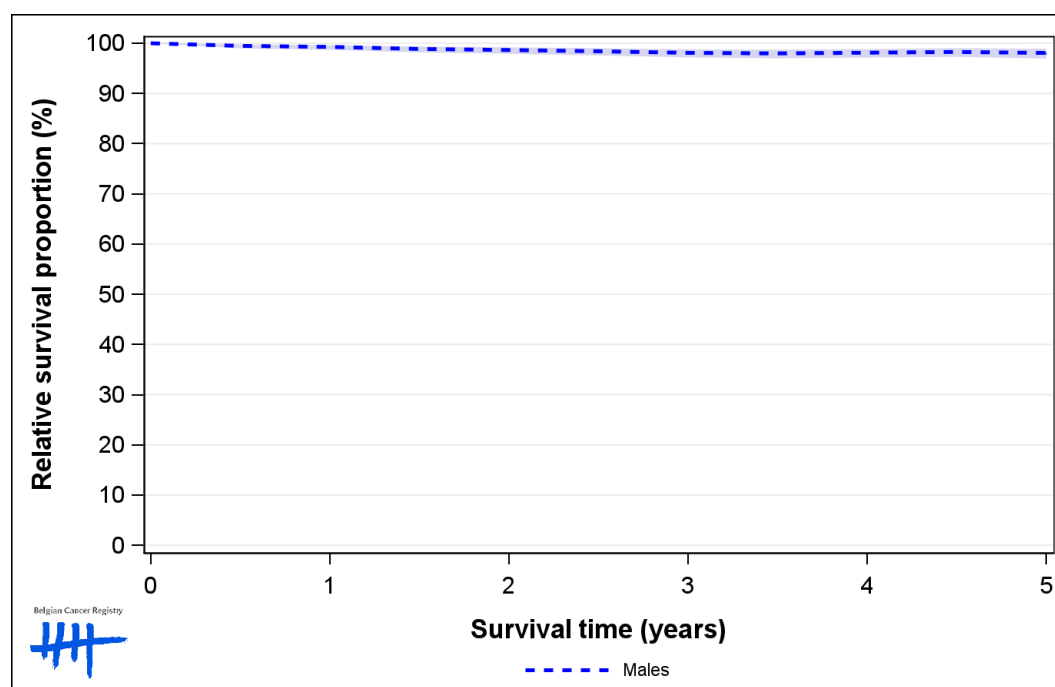


Figure 7: Testicular Cancer: relative survival proportion by age group, Belgium 2013-2017

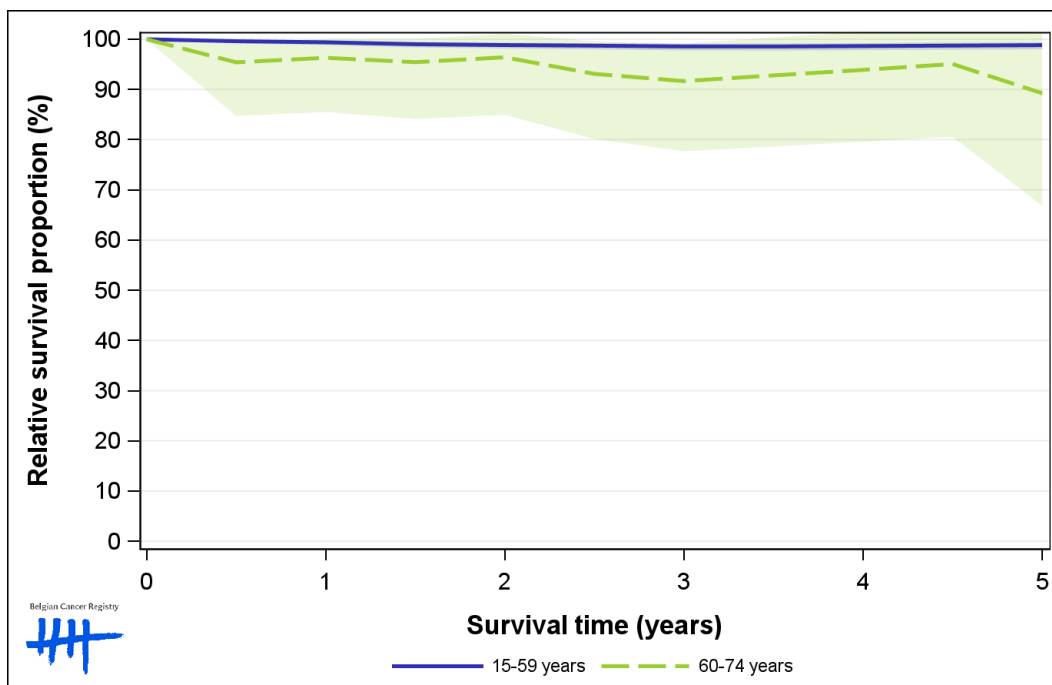


Figure 8: Testicular Cancer: relative survival proportion by region, Belgium 2013-2017

