

Belgian Cancer Registry



Cancer Fact Sheet **Testis Cancer**

ICD10 : C62

Belgium 2016

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

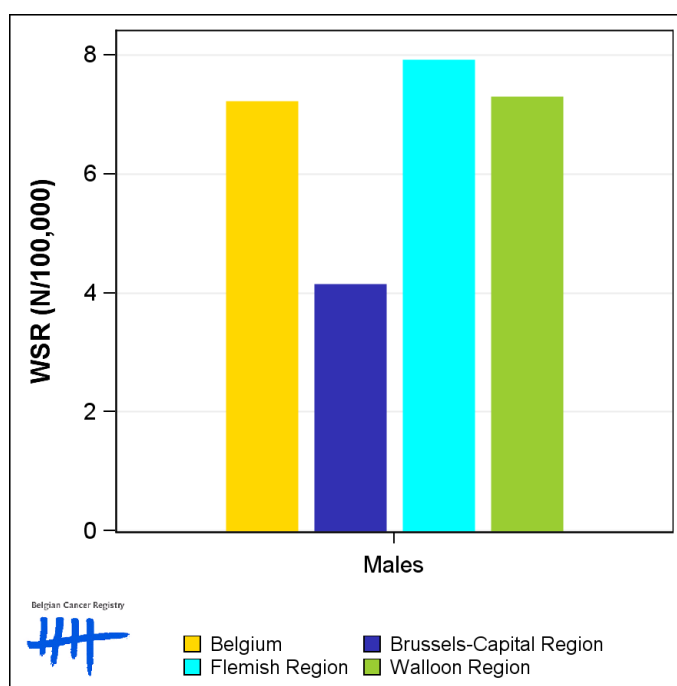
Table 1: Testicular Cancer: Average age at diagnosis, number of new cancer diagnoses (N), crude rate (CR), age-standardised incidence rates (ESR and WSR) and cumulative risk by region, 2016

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	35.3	403	7.3	7.6	7.2	0.55
Brussels-Capital Region	37.2	29	5.0	4.5	4.1	0.34
Flemish Region	33.4	238	7.4	8.1	7.9	0.59
Walloon Region	38.3	136	7.7	8.0	7.3	0.59

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, 2016



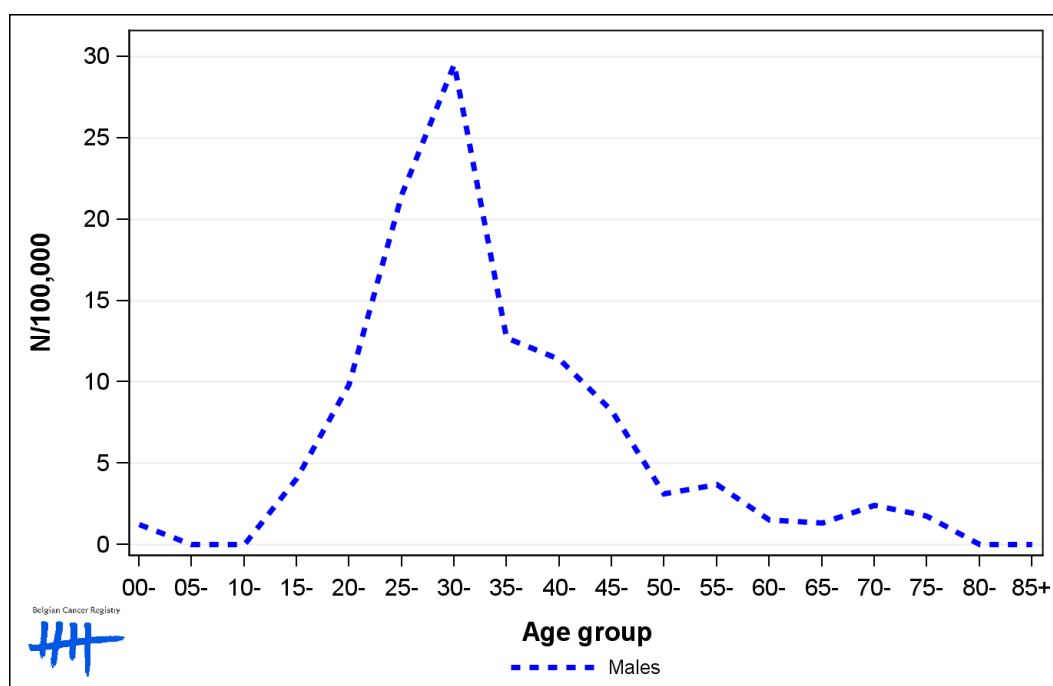
1.2. Age-specific incidence rates

Table 2: Testicular Cancer: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR), Belgium 2016

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	1.2	0.0	0.0	4.0	9.8	21.6	29.5	12.7	11.4	8.2	3.2	3.7	1.5	1.4	2.4	1.7	0.0	0.0	7.3	7.6	7.2

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, 2016



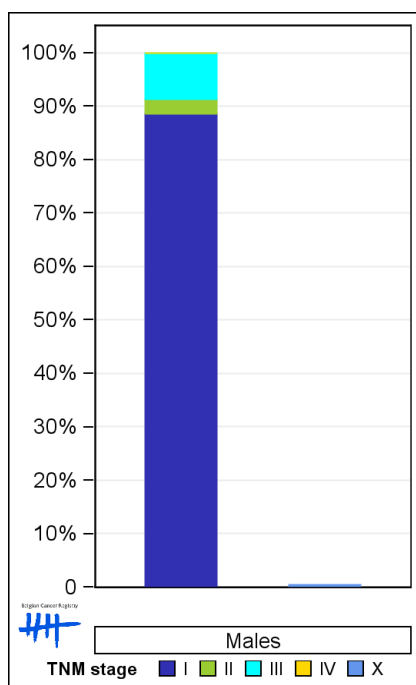
1.3. Combined stage

Table 3: Testicular Cancer: Distribution of combined stage, Belgium 2016

	Stage I	Stage II	Stage III	Stage IV	Stage X	Stage NA	Total
Males							
N	351	11	34	0	2	5	403
%	87.1	2.7	8.4	0.0	0.5	1.2	100

Staging according to the TNM 7th edition (Ref.Sobin LH, Gospodarowicz MK, Wittekind Ch. TNM classification of malignant tumours, UICC 7th 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 2016



1.4. Trends in incidence

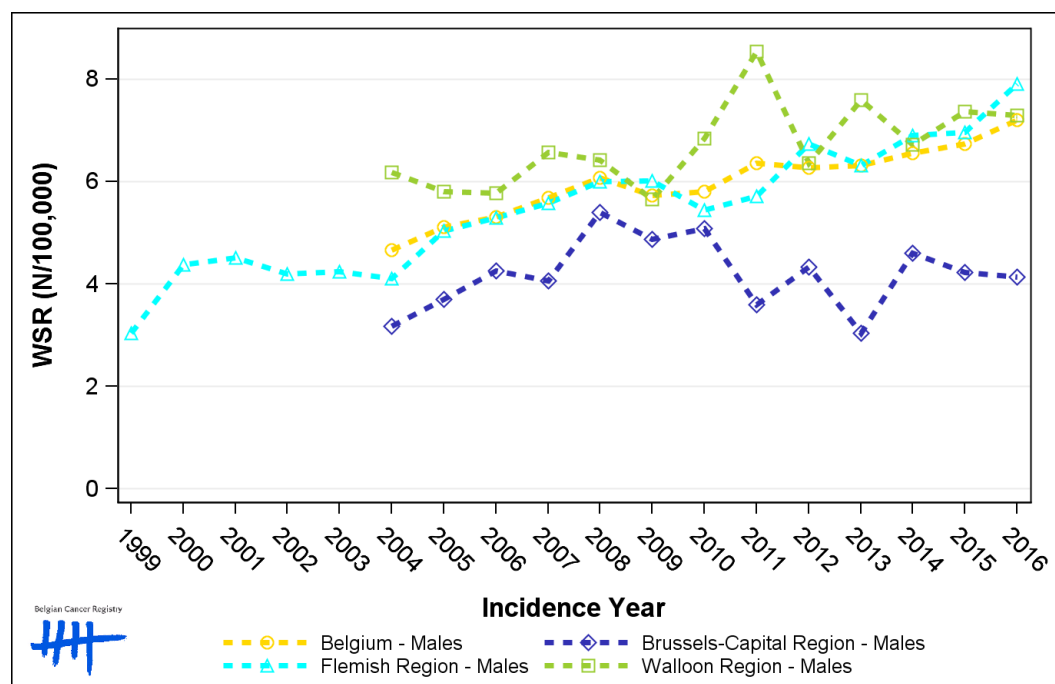
Table 4: Testicular Cancer: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year and region

Males	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	AAPC	95% CI
Belgium			4.7	5.1	5.3	5.7	6.1	5.7	5.8	6.4	6.3	6.3	6.6	6.7	7.2	3.1	[2.6; 3.7]
Brussels-Capital Region			3.2	3.7	4.3	4.1	5.4	4.9	5.1	3.6	4.3	3.0	4.6	4.2	4.1	0.3	[-3.2; 4.0]
Flemish Region	4.2	4.2	4.1	5.0	5.3	5.6	6.0	6.0	5.4	5.7	6.7	6.3	6.9	7.0	7.9	4.3	[3.4; 5.2]
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	2.0	[0.4; 3.6]

WSR=Age-Standardised Rate, using the World Standard Population (N/100,000 person-years)

AAPC = Average Annual Percentage Change over the 2004-2016 period (except for the Flemish region : 2002-2016).

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



1.5. Incidence by broad age groups

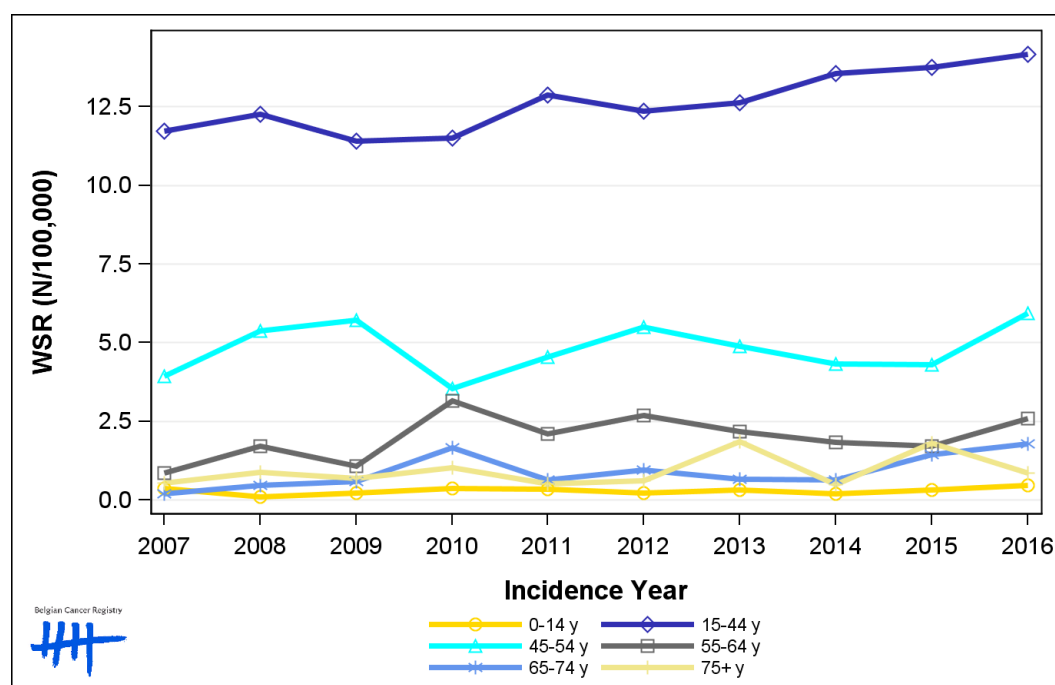
Table 5: Testicular Cancer: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year, Belgium

	N										WSR									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Males																				
All ages	296	319	310	317	352	354	351	358	375	403	5.7	6.1	5.7	5.8	6.4	6.3	6.3	6.6	6.7	7.2
0-14 y	3	1	2	3	3	2	3	2	3	4	0.4	<0.1	0.2	0.4	0.4	0.2	0.3	0.2	0.3	0.5
15-44 y	255	261	251	254	294	284	283	304	312	322	11.7	12.3	11.4	11.5	12.9	12.4	12.6	13.6	13.8	14.2
45-54 y	30	41	44	28	36	44	40	34	34	46	3.9	5.4	5.7	3.6	4.6	5.5	4.9	4.3	4.3	5.9
55-64 y	5	11	7	21	14	18	15	13	12	19	0.9	1.7	1.1	3.2	2.1	2.7	2.2	1.8	1.7	2.6
65-74 y	1	2	3	7	3	4	3	3	7	9	0.2	0.5	0.6	1.7	0.7	1.0	0.7	0.6	1.4	1.8
75+ y	2	3	3	4	2	2	7	2	7	3	0.5	0.9	0.7	1.0	0.5	0.6	1.9	0.5	1.8	0.9

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

2. Relative survival

Table 6: Testicular Cancer: 5-year relative survival proportion by age group and region, Belgium 2012-2016

5-year relative survival 2012-2016 (%)			
Males			
	N at risk	estimate	95% CI
Overall	1,798	98.1	[97.1, 99.0]
Age group			
15-59 years	1,721	98.5	[97.6, 99.2]
60-74 years	57	95.2	[77.6, 104.0]
75+ years	20	NA (N<35)	-
Region			
Brussels-Capital Region	129	93.5	[85.3, 97.7]
Flemish Region	1,052	99.1	[98.1, 99.9]
Walloon Region	617	97.3	[95.1, 99.0]

Figure 6: Testicular Cancer: relative survival proportion, Belgium 2012-2016

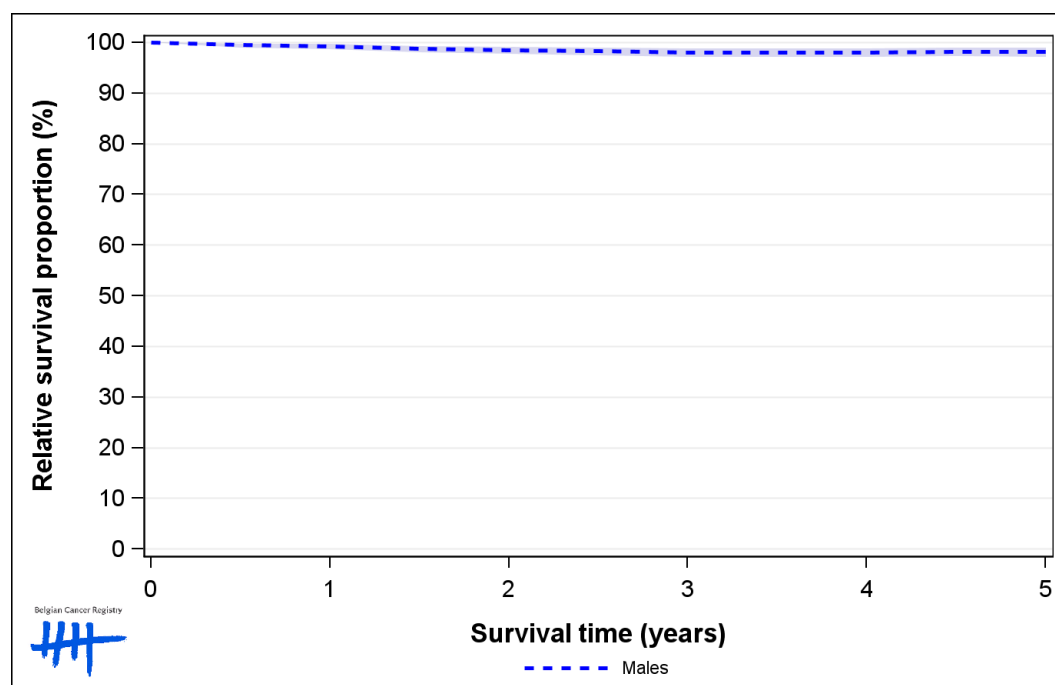


Figure 7: Testicular Cancer: relative survival proportion by age group, Belgium 2012-2016

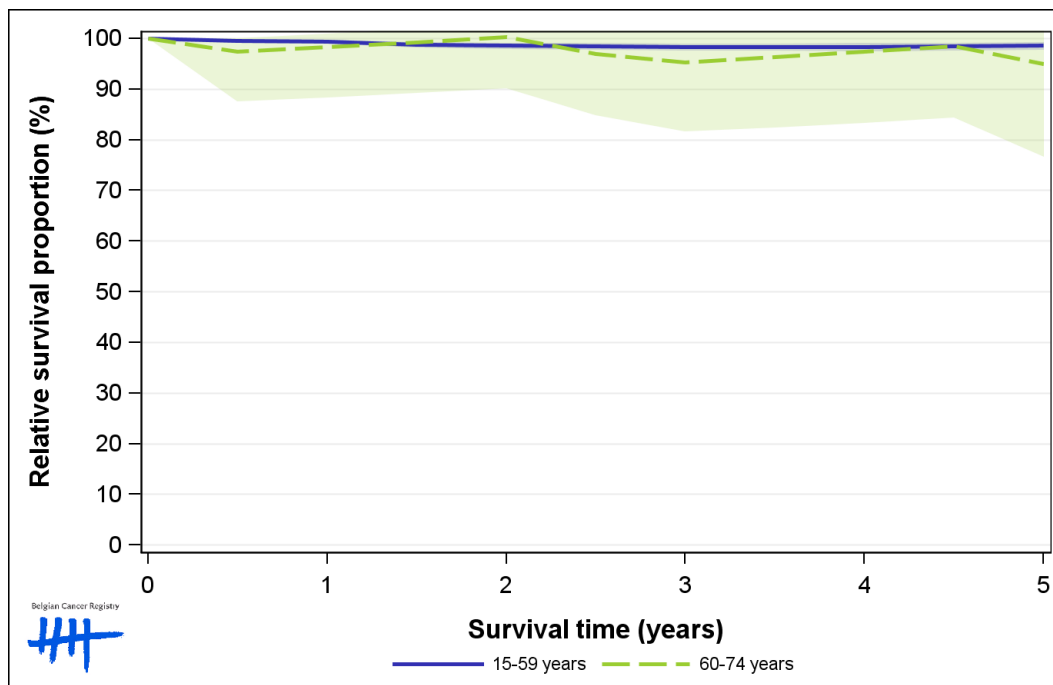


Figure 8: Testicular Cancer: relative survival proportion by region, Belgium 2012-2016

