

Belgian Cancer Registry



Cancer Fact Sheet

Lymphoid Malignancies

Belgium 2018

1. Cancer Incidence

1.1. Number of new diagnoses and incidence rates

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

Males	Age (years)	N	CR	ESR	WSR	CRi
Belgium	65.2	2,714	48.5	36.8	27.0	2.91
Brussels-Capital Region	61.7	223	38.0	38.9	28.7	3.13
Flemish Region	66.5	1,611	49.7	35.1	25.7	2.75
Walloon Region	63.6	880	49.7	39.5	29.3	3.17

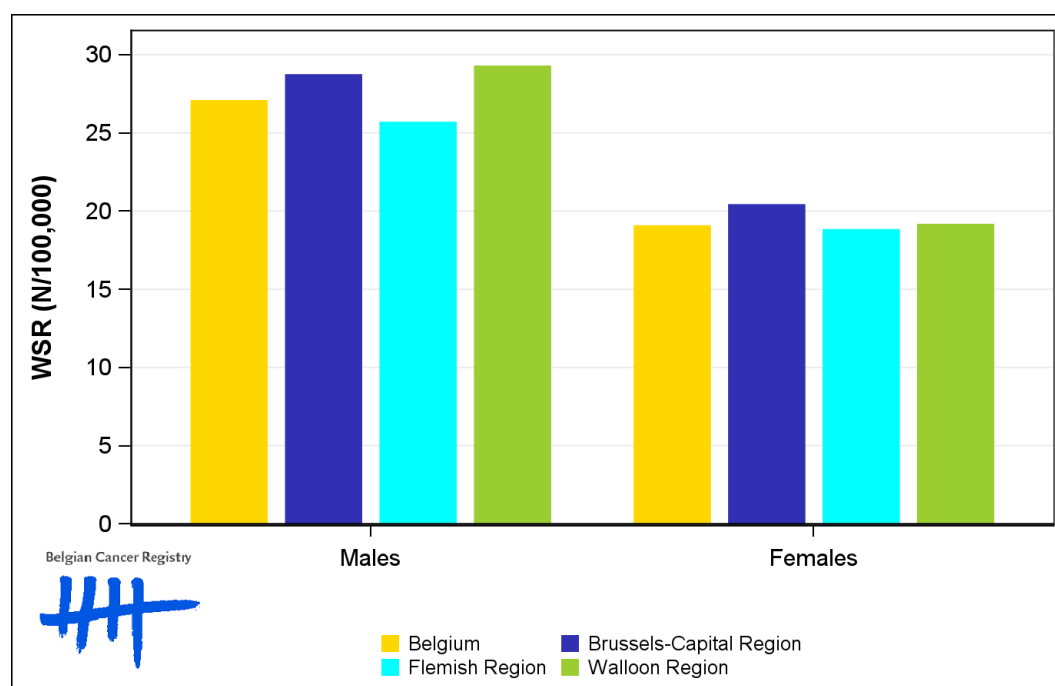
Females	Age (years)	N	CR	ESR	WSR	CRi
Belgium	66.0	2,114	36.6	25.2	19.0	2.01
Brussels-Capital Region	64.5	199	32.5	27.6	20.4	2.23
Flemish Region	66.7	1,249	37.7	24.8	18.8	1.95
Walloon Region	65.1	666	35.9	25.4	19.1	2.06

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 (%)

Belgian Cancer Registry



Figure 1: Lymphoid Malignancies: Age-standardised incidence rates by sex and region, 2018



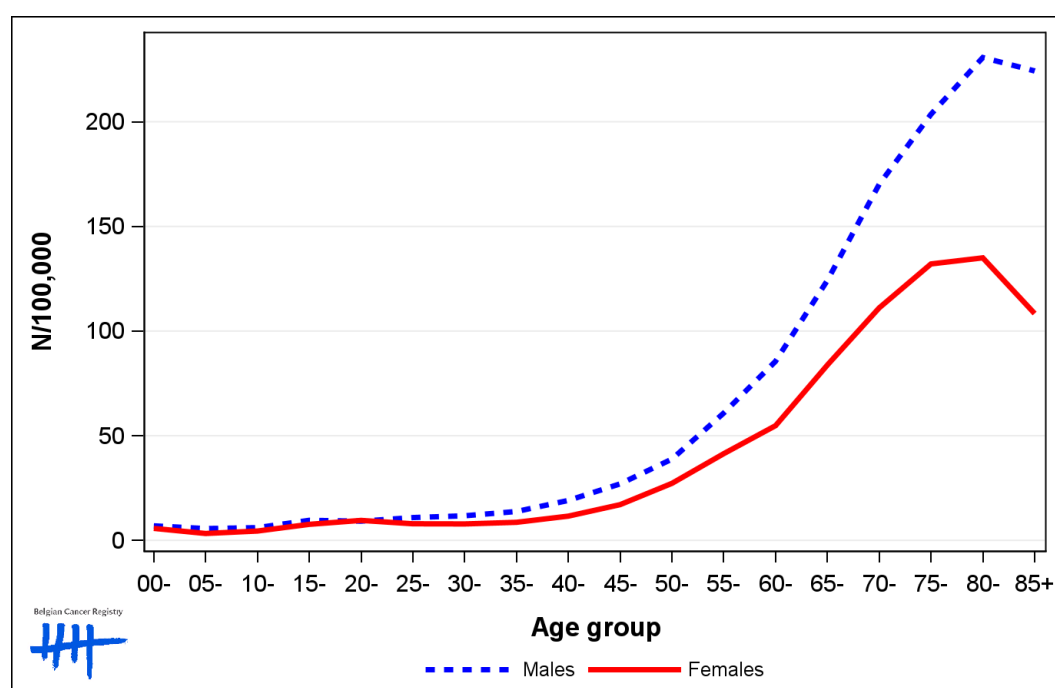
1.2. Age-specific incidence rates

Table 2: Lymphoid Malignancies: Age-specific incidence rates, crude rate (CR) and age-standardised incidence rates (ESR and WSR) by sex, Belgium 2018

	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CR	ESR	WSR
Males	6.0	5.0	8.3	8.7	8.2	8.1	9.7	13.6	19.3	22.0	34.6	57.1	82.8	136.5	171.7	207.6	228.7	211.6	48.5	36.8	27.0
Females	6.3	2.5	6.1	6.9	9.4	8.4	8.0	10.4	11.1	19.6	28.4	37.3	59.3	79.5	112.4	137.0	135.8	109.8	36.6	25.2	19.0

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: Lymphoid Malignancies: Age-specific incidence rates by sex, 2014-2018



1.3. Trends in incidence

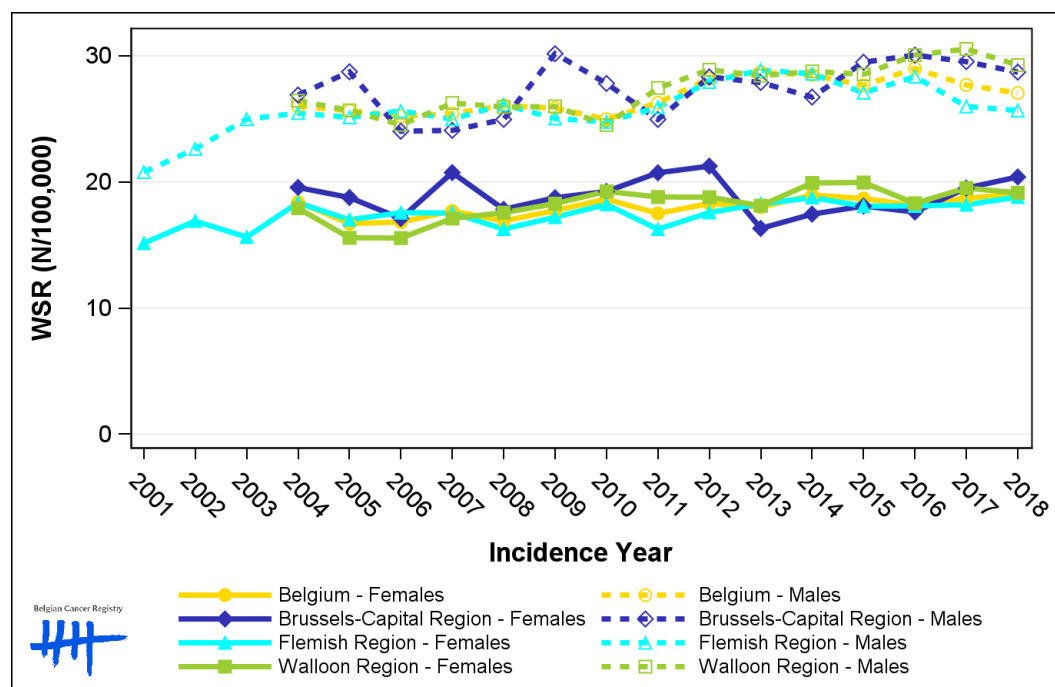
Table 3: Lymphoid Malignancies: Age-standardised incidence rates (WSR) and average annual percentage change (AAPC) by incidence year, sex and region

Males	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAPC	95% CI
Belgium	26.0	25.7	25.2	25.4	26.1	25.8	25.0	26.3	28.2	28.7	28.5	27.7	29.0	27.7	27.0	0.7	[0.2; 1.3]
Brussels-Capital Region	26.9	28.7	24.0	24.1	25.0	30.2	27.8	25.0	28.3	27.9	26.7	29.5	30.1	29.5	28.7	0.9	[0.0; 1.8]
Flemish Region	25.5	25.1	25.6	25.0	26.1	25.0	24.8	25.9	27.9	28.9	28.6	27.1	28.3	26.0	25.7	0.2	[-0.4; 0.8]
Walloon Region	26.4	25.7	24.5	26.3	25.9	26.0	24.5	27.4	28.9	28.4	28.8	28.5	30.1	30.5	29.3	1.4	[0.8; 1.9]

Females	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAPC	95% CI
Belgium	18.4	16.7	16.8	17.7	16.9	17.7	18.6	17.5	18.3	18.0	19.0	18.7	18.1	18.7	19.0	0.7	[0.3; 1.1]
Brussels-Capital Region	19.6	18.8	17.1	20.7	17.8	18.7	19.2	20.7	21.3	16.3	17.4	18.1	17.6	19.5	20.4]-0.1;0[[-1.1; 1.0]
Flemish Region	18.4	17.0	17.6	17.5	16.3	17.2	18.2	16.2	17.6	18.3	18.8	18.1	18.1	18.2	18.8	0.3	[-0.2; 0.8]
Walloon Region	17.9	15.6	15.6	17.1	17.6	18.3	19.3	18.8	18.8	18.1	19.9	20.0	18.3	19.5	19.1	1.3	[0.6; 2.0]

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 3: Lymphoid Malignancies: Age-standardised incidence rates (WSR) by incidence year, sex and region



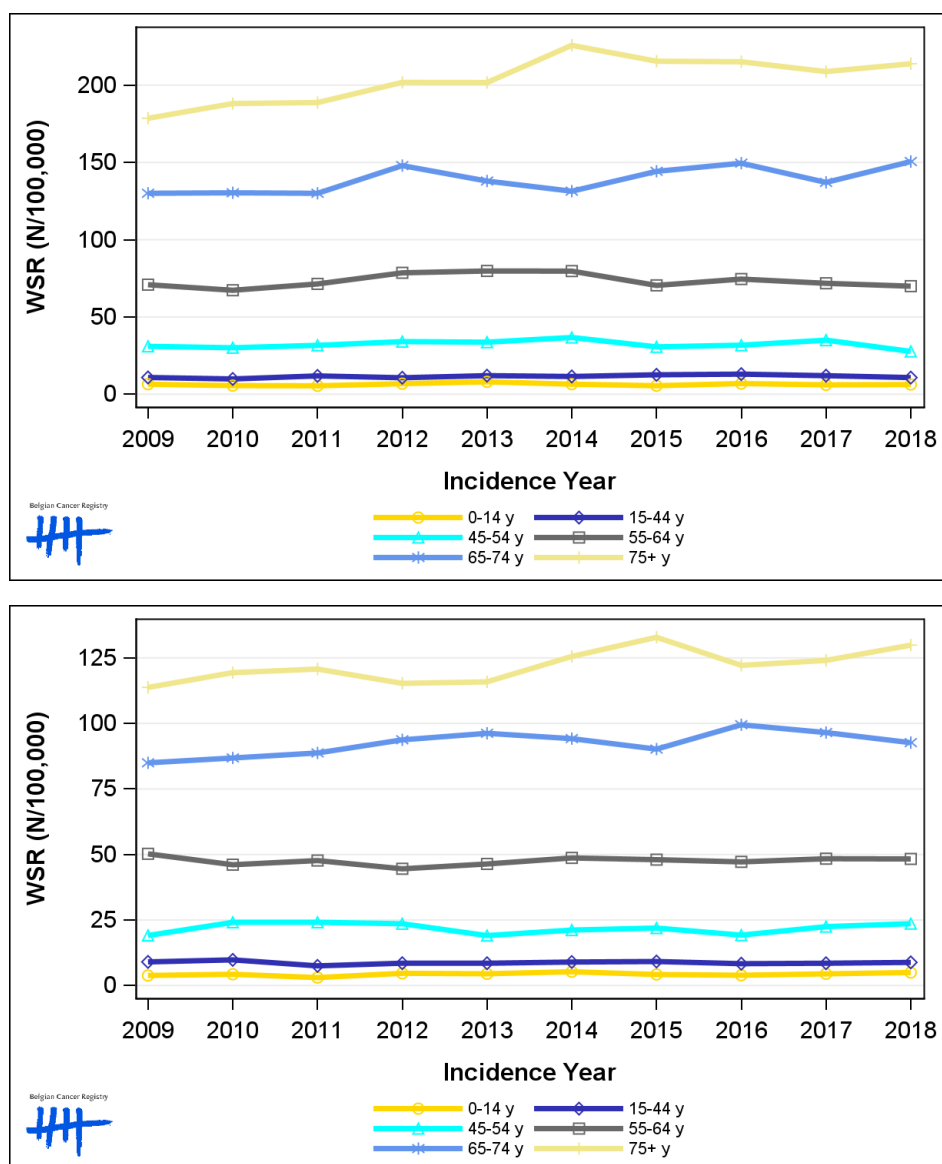
1.4. Incidence by broad age groups

Table 4: Lymphoid Malignancies: Number of new diagnoses and age-standardised incidence rates (WSR) by broad age groups and incidence year by sex, Belgium

	N										WSR									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Males																				
All ages	2,182	2,200	2,308	2,535	2,568	2,670	2,621	2,761	2,675	2,714	25.8	25.0	26.3	28.2	28.7	28.5	27.7	29.0	27.7	27.0
0-14 y	60	53	53	64	75	62	55	66	59	63	6.5	5.6	5.5	6.9	8.1	6.5	5.5	6.9	6.1	6.3
15-44 y	242	228	269	238	267	262	281	287	268	243	10.9	9.9	11.9	10.7	12.0	11.5	12.6	13.0	12.0	10.8
45-54 y	246	242	259	283	280	306	252	263	289	229	31.0	30.1	31.7	34.1	33.7	36.8	30.7	31.8	35.0	27.7
55-64 y	447	438	475	525	537	545	489	523	513	507	70.9	67.3	71.4	78.6	79.8	79.7	70.4	74.5	71.8	69.9
65-74 y	569	574	570	670	640	625	703	754	716	816	130.0	130.4	130.0	147.9	138.0	131.4	144.2	149.5	137.1	150.6
75+ y	618	665	682	755	769	870	841	868	830	856	178.6	188.1	188.7	201.8	201.7	225.8	215.5	215.2	208.8	213.9
Females																				
All ages	1,783	1,881	1,860	1,897	1,904	2,021	2,043	2,006	2,068	2,114	17.7	18.6	17.5	18.3	18.0	19.0	18.7	18.1	18.7	19.0
0-14 y	34	38	27	42	41	48	38	37	41	46	3.9	4.3	3.1	4.7	4.5	5.3	4.2	3.9	4.5	5.0
15-44 y	188	216	161	187	188	195	194	178	182	191	9.0	9.8	7.5	8.5	8.5	9.0	9.2	8.4	8.5	8.8
45-54 y	152	192	195	192	157	172	181	157	184	190	19.1	24.1	24.1	23.6	19.1	21.2	22.0	19.3	22.5	23.6
55-64 y	325	305	323	305	321	340	339	341	355	356	50.3	46.1	47.7	44.6	46.4	48.7	48.0	47.2	48.4	48.3
65-74 y	429	428	440	482	504	499	486	552	558	555	85.0	86.8	88.7	93.8	96.2	94.2	90.2	99.5	96.5	92.7
75+ y	655	702	714	689	693	767	805	741	748	776	113.7	119.4	120.8	115.3	115.9	125.6	132.9	122.2	124.1	129.9

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

Figure 4: Lymphoid Malignancies: Age-standardised incidence rates (WSR) versus incidence year by broad age groups for males (top) and females (bottom), Belgium



2. Relative survival

Table 5: Lymphoid Malignancies: 5-year relative survival proportion by sex, age group and region, Belgium 2014-2018

	5-year relative survival 2014-2018 (%)					
	Males			Females		
	N at risk	estimate	95% CI	N at risk	estimate	95% CI
Overall	13,022	75.5	[74.3, 76.8]	9,976	75.5	[74.2, 76.9]
Age group						
15-59 years	3,795	87.7	[86.3, 89.0]	2,594	91.2	[89.8, 92.5]
60-74 years	4,992	77.8	[76.0, 79.7]	3,563	79.5	[77.6, 81.4]
75+ years	4,239	58.9	[55.8, 62.0]	3,821	59.4	[56.6, 62.3]
Region						
Brussels-Capital Region	1,043	74.7	[70.1, 79.1]	846	78.9	[74.1, 83.4]
Flemish Region	7,763	75.3	[73.7, 76.9]	5,847	75.4	[73.7, 77.1]
Walloon Region	4,216	76.3	[74.1, 78.5]	3,283	74.9	[72.6, 77.3]

Figure 5: Lymphoid Malignancies: relative survival proportion by sex, Belgium 2014-2018

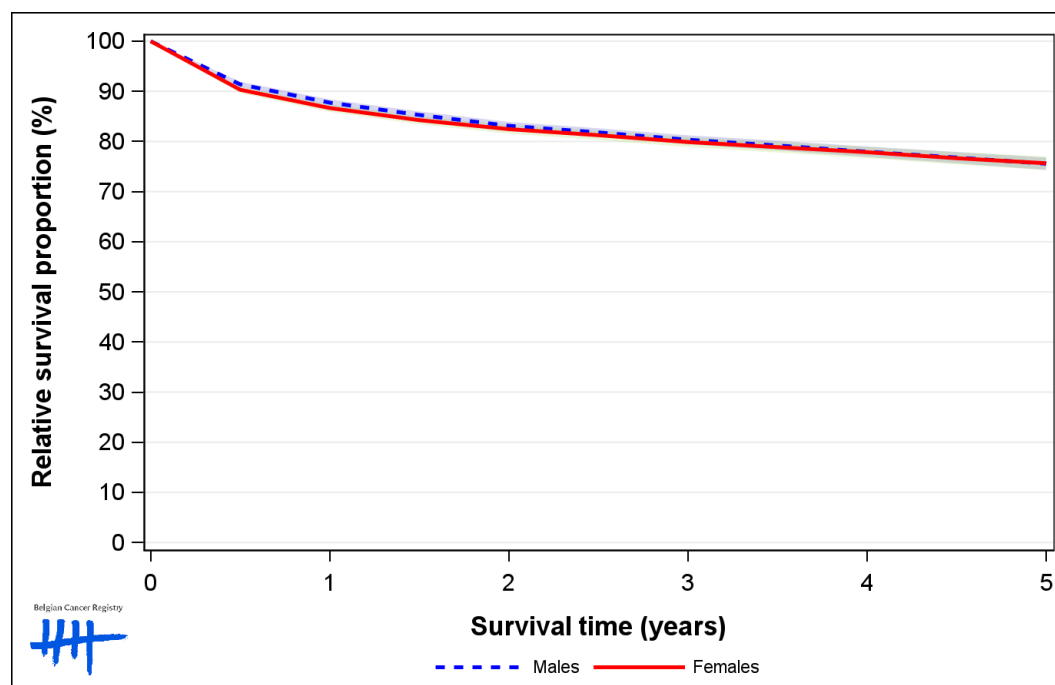


Figure 6: Lymphoid Malignancies: relative survival proportion by age group in males, Belgium 2014-2018

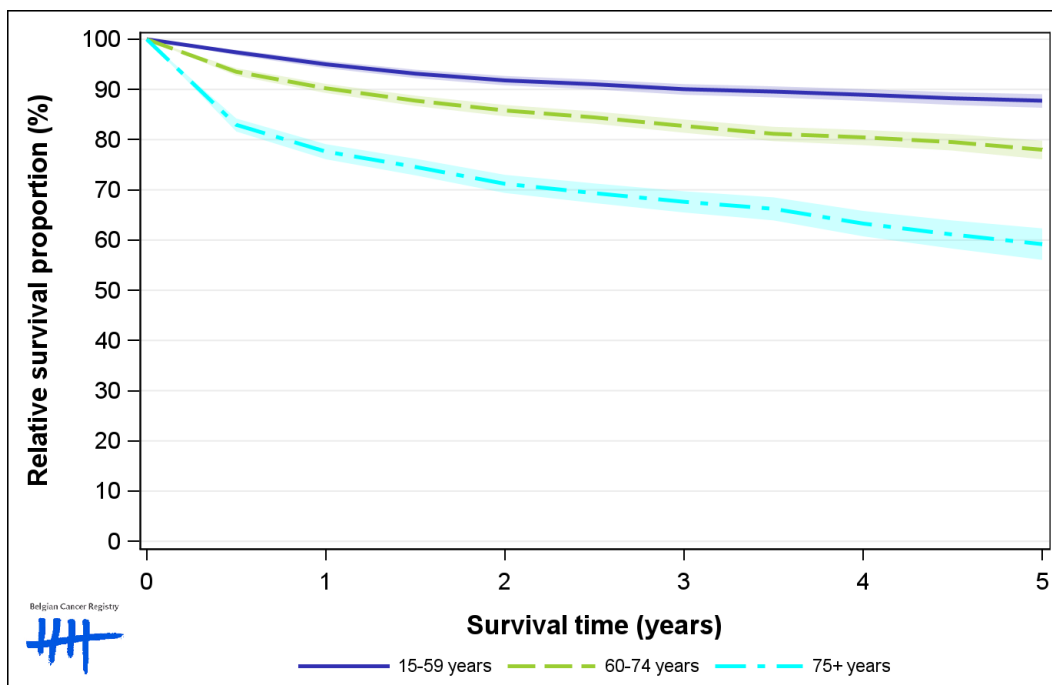


Figure 7: Lymphoid Malignancies: relative survival proportion by age group in females, Belgium 2014-2018

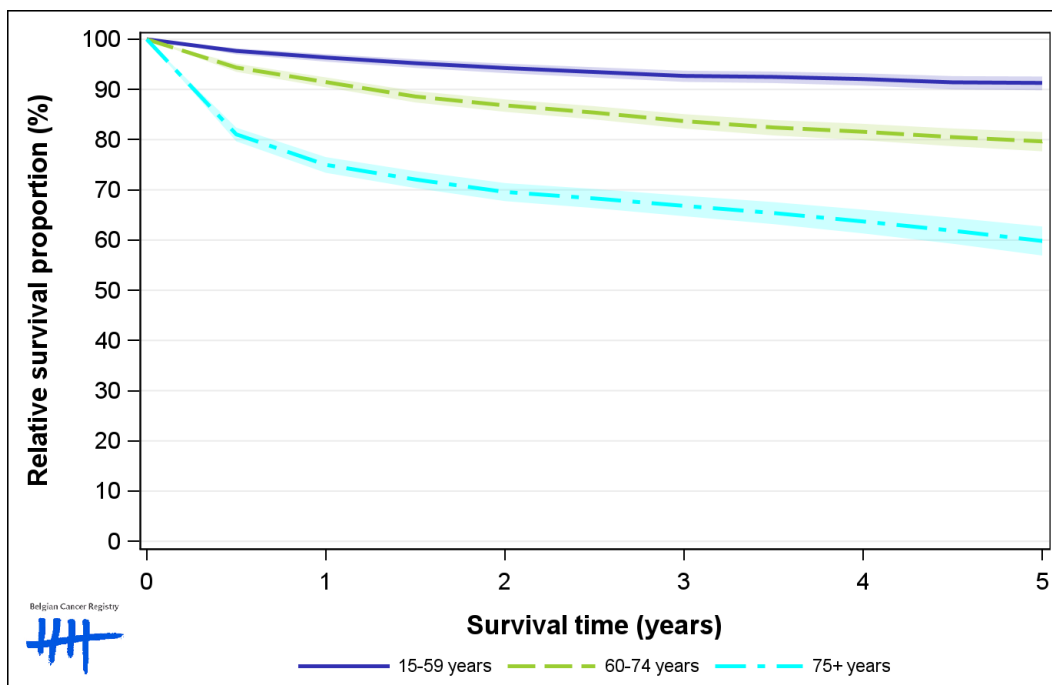


Figure 8: Lymphoid Malignancies: relative survival proportion by region in males, Belgium 2014-2018

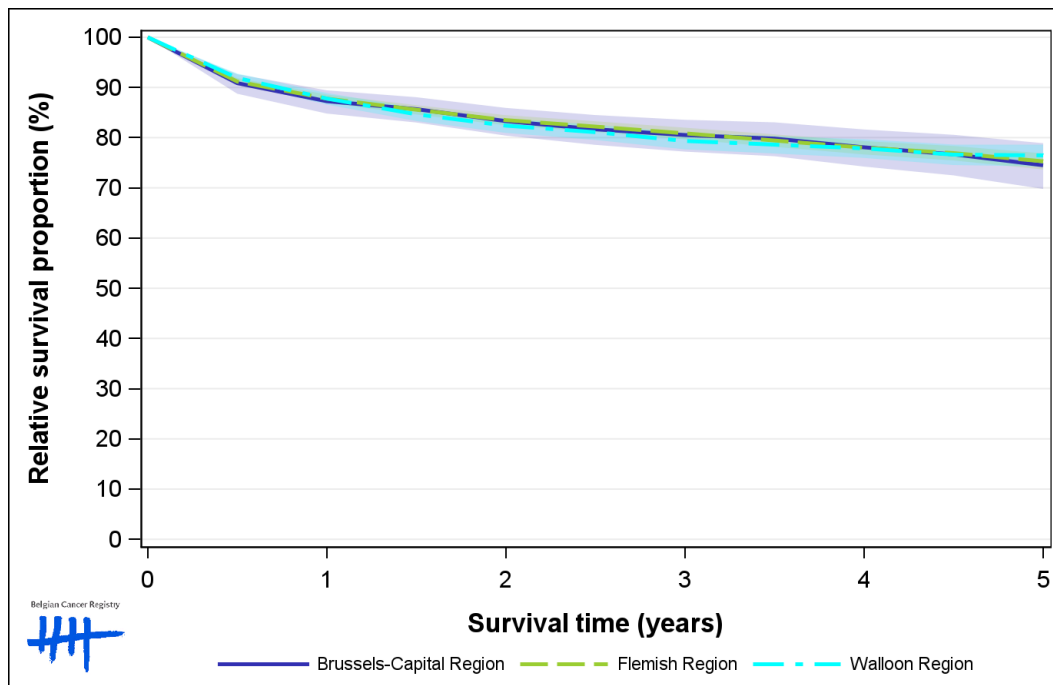


Figure 9: Lymphoid Malignancies: relative survival proportion by region in females, Belgium 2014-2018

