



Article scientifique

Article

2023

Supplemental data

Open Access

This file is a(n) Supplemental data of:

Global survival trends for brain tumors, by histology: analysis of individual records for 556,237 adults diagnosed in 59 countries during 2000–2014 (CONCORD-3)

Girardi, Fabio; Matz, Melissa; Stiller, Charles; You, Hui; Marcos Gragera, Rafael; Valkov, Mikhail Y; Bulliard, Jean-Luc; De, Prithwish; Morrison, David; Wanner, Miriam; O'Brian, David K; Saint-Jacques, Nathalie; Coleman, Michel P; Allemani, Claudia

Collaborators: Rapiti Aylward, Elisabetta; Schaffar, Robin

This publication URL:

<https://archive-ouverte.unige.ch/unige:169625>

Publication DOI:

[10.1093/neuonc/noac217](https://doi.org/10.1093/neuonc/noac217)

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma		
		NS	95% CI		NS	95% CI	
AFRICA							
Algeria	2000-2004			-			-
	2005-2009			-			-
	2010-2014			-			-
Mauritius*	2000-2004			-			-
	2005-2009			-			-
	2010-2014			-			-
Nigeria (Ibadan)	2000-2004			-			-
	2005-2009			-			-
	2010-2014			-			-
AMERICA (CENTRAL AND SOUTH)							
Argentina	2000-2004			-	25.6 §	2.7 -	48.6
	2005-2009	38.9 §	20.2 -	57.5	31.1 §	16.1 -	46.2
	2010-2014	67.7 §	43.0 -	92.4	35.1 §	16.5 -	53.8
Brazil	2000-2004	29.5 §	7.0 -	52.1	34.0 §	18.7 -	49.4
	2005-2009	50.7 §	30.1 -	71.3	51.0 §	32.3 -	69.8
	2010-2014	66.7 §	42.8 -	90.6	36.3 §	13.7 -	58.9
Chile	2000-2004			-			-
	2005-2009			-			-
	2010-2014			-			-
Colombia	2000-2004			-	36.8	19.9 -	53.7
	2005-2009	61.3	34.3 -	88.4	23.0	8.8 -	37.2
	2010-2014	57.8 §	32.2 -	83.4	17.2 §	1.4 -	33.0
Costa Rica*	2000-2004	81.9 §	60.2 -	100.0	10.1 §	0.0 -	24.8
	2005-2009	39.0 §	14.0 -	64.0			-
	2010-2014			-	29.1 §	5.3 -	52.9
Ecuador	2000-2004	28.9	6.7 -	51.0	6.8	0.0 -	17.0
	2005-2009	50.6	31.7 -	69.6	12.7	2.8 -	22.6
	2010-2014	56.8	39.2 -	74.5	20.1	7.0 -	33.3
Guadeloupe	2000-2004			-			-
	2005-2009			-			-
	2010-2014			-			-

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma		
		NS	95% CI		NS	95% CI	
Martinique*	2000-2004		-			-	
	2005-2009		-			-	
	2010-2014		-			-	
Puerto Rico*	2000-2004	49.4 §	34.0	- 64.7	39.2 §	24.7	- 53.7
	2005-2009	68.8	51.6	- 86.1	32.5	18.7	- 46.3
	2010-2014		-		24.4	3.9 - 45.0	
AMERICA (NORTH)							
Canada	2000-2004	28.8	23.3	- 34.2	19.4	15.4	- 23.4
	2005-2009	44.9	37.2	- 52.5	23.2	19.3	- 27.1
	2010-2014	60.9	50.3	- 71.5	27.6	23.0	- 32.1
United States	2000-2004	35.5	34.0	- 37.1	22.0	21.0	- 22.9
	2005-2009	38.1	36.5	- 39.8	25.6	24.5	- 26.6
	2010-2014	38.3	36.6	- 40.0	26.7	25.5	- 27.8
ASIA							
China	2000-2004	64.5	37.4	- 91.6	37.9	24.6	- 51.3
	2005-2009	49.8	32.2	- 67.5	28.5	21.7	- 35.2
	2010-2014	45.0	29.6	- 60.3	27.3	19.7	- 34.9
Cyprus*	2000-2004		-			-	
	2005-2009	54.1 §	28.0	- 80.3	15.6 §	0.5	- 30.7
	2010-2014		-		20.6 §	3.4 - 37.8	
India	2000-2004		-			-	
	2005-2009		-			-	
	2010-2014		-		19.9	0.0 - 46.1	
Israel*	2000-2004	49.2	37.6	- 60.7	19.8	14.2	- 25.3
	2005-2009	50.8	40.2	- 61.4	24.4	19.0	- 29.8
	2010-2014	40.4	30.4	- 50.5	24.6	18.3	- 31.0
Japan	2000-2004	52.7 §	39.6	- 65.9	24.0 §	18.6	- 29.4
	2005-2009	48.8 §	40.1	- 57.6	25.2 §	21.1	- 29.3
	2010-2014	54.3 §	41.8	- 66.7	25.5 §	21.2	- 29.8
Jordan*	2000-2004	91.2 §	79.1	- 100.0	68.4 §	57.2	- 79.7
	2005-2009	64.9 §	48.3	- 81.4	43.1 §	28.2	- 58.0
	2010-2014	60.3 §	43.2	- 77.4	33.5 §	18.9	- 48.2

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma	
		NS	95% CI		NS	95% CI
South Korea*	2000-2004	51.7	41.9	- 61.5	16.2	13.1 - 19.3
	2005-2009	58.6	48.4	- 68.8	18.9	15.4 - 22.4
	2010-2014	47.4	36.7	- 58.2	20.1	16.7 - 23.6
Kuwait*	2000-2004		-			-
	2005-2009		-			-
	2010-2014		-			-
Malaysia (Penang)	2000-2004		-			-
	2005-2009		-			-
	2010-2014		-			-
Qatar*	2000-2004		-			-
	2005-2009		-		51.5 §	9.6 - 93.5
	2010-2014	100.0 §	100.0	- 100.0		-
Singapore*	2000-2004		-		34.2	15.7 - 52.7
	2005-2009	50.2	25.1	- 75.3	28.0	12.2 - 43.7
	2010-2014		-		26.1	10.5 - 41.7
Taiwan*	2000-2004	45.0	35.8	- 54.1	18.5	13.8 - 23.1
	2005-2009	43.1	34.6	- 51.7	15.1	11.5 - 18.6
	2010-2014	43.2	33.1	- 53.3	17.2	13.5 - 20.9
Thailand	2000-2004	10.1 §	0.0	- 24.4	20.7 §	5.8 - 35.5
	2005-2009	54.8	36.4	- 73.3	12.8	1.9 - 23.8
	2010-2014	49.7	31.8	- 67.6	15.2	3.6 - 26.7
Turkey	2000-2004	51.9 §	31.8	- 72.1	18.3 §	8.5 - 28.2
	2005-2009	30.5	23.7	- 37.3	13.5	9.5 - 17.4
	2010-2014	28.6	22.1	- 35.0	28.1	20.5 - 35.7
EUROPE						
Austria*	2000-2004	71.5	60.4	- 82.6	30.3	23.6 - 37.1
	2005-2009	56.2	47.3	- 65.2	32.1	26.3 - 37.9
	2010-2014	49.1	39.8	- 58.4	28.4	22.2 - 34.6
Belgium*	2000-2004	50.9	34.2	- 67.7	25.0	15.0 - 34.9
	2005-2009	50.7	44.2	- 57.2	22.1	17.5 - 26.8
	2010-2014	54.8	46.9	- 62.7	23.9	18.4 - 29.5

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma	
		NS	95% CI		NS	95% CI
Croatia*	2000-2004		-		43.5	29.0 - 57.9
	2005-2009		-		37.7	22.4 - 53.1
	2010-2014		-		34.4	17.3 - 51.5
Czech Republic*	2000-2004	36.2	31.5	- 40.8	14.4	10.6 - 18.2
	2005-2009	38.7	32.9	- 44.5	17.8	13.9 - 21.7
	2010-2014	42.9	37.5	- 48.4	17.6	13.1 - 22.1
Denmark*	2000-2004	23.4	2.4	- 44.3	11.3	6.2 - 16.4
	2005-2009		-		20.7	15.5 - 26.0
	2010-2014		-		21.8	16.3 - 27.3
Estonia*	2000-2004	40.1	25.0	- 55.2	16.4	3.8 - 28.9
	2005-2009	56.7	40.1	- 73.4	19.6	6.9 - 32.2
	2010-2014	57.4	35.4	- 79.4	29.8	7.3 - 52.3
Finland*	2000-2004	36.8	10.4	- 63.2	12.6	7.7 - 17.5
	2005-2009	45.9	18.2	- 73.6	18.8	12.6 - 24.9
	2010-2014		-		19.4	13.1 - 25.7
France	2000-2004	42.8	29.2	- 56.5	17.3	9.5 - 25.1
	2005-2009	38.1	19.5	- 56.7	19.0	12.5 - 25.5
	2010-2014		-		36.6	15.2 - 58.0
Germany	2000-2004		-			-
	2005-2009	47.3	40.4	- 54.2	33.5	29.4 - 37.7
	2010-2014	47.7	40.2	- 55.1	32.8	28.4 - 37.2
Iceland*	2000-2004		-			-
	2005-2009		-			-
	2010-2014		-			-
Ireland*	2000-2004	34.7	18.5	- 50.8	15.4	9.0 - 21.9
	2005-2009	56.7	33.1	- 80.3	14.1	8.7 - 19.4
	2010-2014	68.4	48.9	- 87.9	17.5	8.1 - 26.8
Italy	2000-2004	36.7	31.9	- 41.5	14.7	11.4 - 18.1
	2005-2009	37.2	32.8	- 41.7	16.7	13.7 - 19.7
	2010-2014	48.8	38.6	- 58.9	17.8	13.7 - 21.8

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma	
		NS	95% CI		NS	95% CI
Latvia*	2000-2004	35.4	18.8	- 52.1	33.2	20.7 - 45.7
	2005-2009	59.7	36.8	- 82.6	42.0	31.0 - 53.1
	2010-2014		-		46.7	33.3 - 60.0
Lithuania*	2000-2004	83.8	61.8	- 100.0	29.2	15.5 - 42.9
	2005-2009	64.6	48.2	- 81.0	47.5	31.5 - 63.5
	2010-2014	68.4 §	52.8	- 84.0	45.7 §	25.6 - 65.9
Malta*	2000-2004		-			-
	2005-2009		-		18.5	0.0 - 38.7
	2010-2014		-		13.5	0.0 - 27.2
Netherlands*	2000-2004	31.9	27.2	- 36.7	13.5	10.8 - 16.3
	2005-2009	39.3	34.2	- 44.4	22.0	18.3 - 25.7
	2010-2014	44.7	39.2	- 50.1	20.2	16.5 - 24.0
Norway*	2000-2004	52.1	40.3	- 63.8	24.4	14.9 - 33.9
	2005-2009	47.2	35.9	- 58.6	21.3	15.7 - 27.0
	2010-2014	43.3	33.1	- 53.4	28.2	21.9 - 34.6
Poland*	2000-2004	37.1	31.4	- 42.8	15.3	12.6 - 18.0
	2005-2009	35.7	32.1	- 39.3	17.2	14.9 - 19.5
	2010-2014	40.4	36.4	- 44.5	16.5	14.2 - 18.8
Portugal*	2000-2004	41.9	33.5	- 50.3	8.8	3.9 - 13.8
	2005-2009	49.1	38.9	- 59.4	18.0	13.0 - 23.1
	2010-2014	39.4	30.4	- 48.4	11.3	0.0 - 22.6
Romania (Cluj)	2000-2004		-			-
	2005-2009		-		11.9 §	0.0 - 25.5
	2010-2014		-		29.5 §	6.4 - 52.6
Russian Federation	2000-2004		-		30.5	15.7 - 45.3
	2005-2009	42.5	27.7	- 57.3	23.0	17.6 - 28.4
	2010-2014	45.4	28.6	- 62.1	20.2	15.8 - 24.7
Slovakia*	2000-2004	28.2 §	23.0	- 33.4	14.3 §	9.9 - 18.8
	2005-2009	33.7	28.0	- 39.3	14.9	10.3 - 19.5
	2010-2014	38.4	27.0	- 49.7	18.7	5.2 - 32.3

Supplementary Table 6. Age-standardised five-year net survival (NS, %) with 95% confidence interval (CI), 2000-2014. Adults (15-99 years) diagnosed with diffuse astrocytoma or anaplastic astrocytoma, by country and calendar period.

Country	Period of diagnosis	Diffuse astrocytoma			Anaplastic astrocytoma	
		NS	95% CI		NS	95% CI
Slovenia*	2000-2004		-		32.3	17.2 - 47.4
	2005-2009	51.6	27.7	75.5	48.4	34.1 - 62.7
	2010-2014	56.4	32.2	80.6	20.3	7.3 - 33.3
Spain	2000-2004	31.6	26.1	37.1	13.7	9.6 - 17.9
	2005-2009	33.5	28.4	38.6	20.5	15.7 - 25.3
	2010-2014	34.6	28.7	40.6	22.1	14.5 - 29.7
Sweden*	2000-2004	48.7	26.3	71.1	12.0	9.0 - 14.9
	2005-2009		-		23.8	19.2 - 28.5
	2010-2014	62.4	28.8	95.9	28.4	22.6 - 34.1
Switzerland	2000-2004	54.2	41.8	66.7	14.8	8.1 - 21.6
	2005-2009	53.3	40.1	66.4	23.7	16.8 - 30.6
	2010-2014	62.0	46.7	77.4	17.1	10.8 - 23.4
United Kingdom*	2000-2004	35.3	30.9	39.8	16.0	14.1 - 17.9
	2005-2009	36.7	32.7	40.6	21.0	18.8 - 23.1
	2010-2014	45.0	39.3	50.7	22.0	19.8 - 24.2
OCEANIA						
Australia*	2000-2004	38.6	32.5	44.8	22.4	19.4 - 25.3
	2005-2009	37.7	32.5	42.9	26.0	22.7 - 29.4
	2010-2014	48.5	38.1	58.9	28.6	25.0 - 32.3
New Zealand*	2000-2004	42.4	29.4	55.4	27.8	20.5 - 35.1
	2005-2009	61.9	49.3	74.6	33.0	22.8 - 43.3
	2010-2014	58.8	47.1	70.4	21.6	14.6 - 28.6

* Countries with 100% coverage of the national population. § Survival estimates considered less reliable because the proportion of patients lost to follow-up or censored alive prior to five years, or the proportion of diagnoses based on a death certificate or autopsy, or the proportion of patients registered with incomplete dates, was 15% or more. Survival estimates in italics are not age-standardised.