

### IIIA. Ependymomas and choroid plexus tumour

	0-14				0-19				Age-specific rates per million			
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
<b>AFRICA</b>												
ALGERIA, 5 registries (1996-2014)	6	0.4	0.1	0.6	8	0.4	0.2	0.5	0.9	0.0	0.2	0.3
ALGERIA, Algiers (2008-2012)	5	1.6	0.6	2.5	6	1.4	0.8	2.0	3.4	0.0	0.9	0.7
ALGERIA, Sétif (1996-2014)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALGERIA, Tiemcen (2006-2014)	-	0.0	0.0	0.0	1	0.3	0.6	0.0	0.0	0.0	0.0	1.2
BOTSWANA (1999-2007)	-	0.0	0.0	0.0	1	0.1	0.3	0.0	0.0	0.0	0.0	0.6
CAMEROON, Yaoundé (2004-2006)	1	0.4	0.0	0.8	1	0.3	0.0	0.6	0.0	1.3	0.0	0.0
EGYPT, Gharbiah (1999-2010)	23	1.6	1.2	2.0	29	1.5	1.2	1.8	2.1	2.0	0.6	1.1
FRANCE, Réunion (1990-2011)	8	1.9	3.3	0.4	9	1.6	2.9	0.3	2.7	2.0	0.7	0.7
KENYA, 2 registries (2000-2012)	3	0.3	0.5	0.0	3	0.2	0.4	0.0	0.7	0.0	0.0	0.0
KENYA, Eldoret (2000-2011)	1	0.3	0.5	0.0	1	0.2	0.4	0.0	0.7	0.0	0.0	0.0
KENYA, Nairobi (2006-2012)	2	0.3	0.6	0.0	2	0.2	0.4	0.0	0.7	0.0	0.0	0.0
LIBYA, Benghazi (2003-2008)	3	1.0	0.6	1.4	3	0.8	0.4	1.1	1.0	0.0	2.0	0.0
MALI, Bamako (2005-2014)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAURITIUS (2001-2013)	-	0.0	0.0	0.0	2	0.3	0.3	0.3	0.0	0.0	0.0	1.5
MOROCCO, 2 registries (2005-2012)	29	3.4	4.9	1.8	34	3.0	4.1	1.8	4.4	3.8	1.6	1.5
MOROCCO, Casablanca (2005-2012)	27	3.5	5.0	2.1	32	3.1	4.2	2.1	4.5	3.9	1.8	1.7
SOUTH AFRICA, paediatric (1998-2012)	131	0.6	0.7	0.5	-	-	-	-	0.9	0.6	0.2	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	1	0.2	0.0	0.5	-	-	-	-	0.0	0.8	0.0	-
SOUTH AFRICA, paediatric, Black (1998-2012)	75	0.4	0.5	0.4	-	-	-	-	0.6	0.4	0.2	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	34	1.9	2.3	1.6	-	-	-	-	3.1	1.8	0.5	-
SOUTH AFRICA, paediatric, White (1998-2012)	21	1.9	2.4	1.4	-	-	-	-	2.7	2.3	0.5	-
TUNISIA, 2 registries (1993-2007)	26	1.4	1.9	0.9	33	1.3	1.7	0.9	1.7	1.4	1.0	1.0
TUNISIA, Central (1993-2007)	3	1.5	2.1	0.9	3	1.2	1.6	0.7	2.8	1.4	0.0	0.0
TUNISIA, North (1994-2006)	23	1.4	1.9	0.9	30	1.3	1.7	1.0	1.6	1.4	1.2	1.1
UGANDA, Kampala (1996-2013)	2	0.2	0.2	0.2	2	0.1	0.1	0.1	0.2	0.2	0.0	0.0
ZIMBABWE, Harare (1995-2013)	4	0.5	0.8	0.2	4	0.4	0.6	0.2	0.0	0.4	1.3	0.0
<b>AMERICA, LATIN AND THE CARIBBEAN</b>												
ARGENTINA, paediatric (2000-2013)	398	2.9	3.5	2.2	-	-	-	-	4.6	2.3	1.4	-
ARGENTINA, 6 registries (1991-2013)	65	3.2	3.7	2.7	74	2.8	3.4	2.2	5.6	2.5	0.9	1.2
ARGENTINA, Chaco (2002-2012)	13	3.9	2.9	4.9	14	3.2	2.6	3.8	6.0	4.2	0.8	0.8
ARGENTINA, Córdoba (2004-2012)	16	2.3	2.3	2.3	19	2.0	2.3	1.8	3.3	2.4	0.8	1.2
ARGENTINA, Entre Ríos (2001-2011)	4	1.3	1.9	0.6	4	1.0	1.5	0.4	1.8	1.7	0.0	0.0
ARGENTINA, Mendoza (2003-2012)	21	5.1	7.5	2.6	24	4.4	6.4	2.3	9.4	3.4	1.3	1.9
ARGENTINA, Neuquén (2003-2013)	6	3.8	5.2	2.3	7	3.3	4.8	1.8	8.6	0.0	1.6	1.7
BRAZIL, 5 registries (1995-2012)	47	2.8	2.8	2.7	59	2.5	2.5	2.5	4.8	2.0	1.1	1.6
BRAZIL, Aracaju (1996-2012)	4	1.9	3.0	0.7	6	2.0	2.9	1.0	2.8	1.4	1.2	2.3
BRAZIL, Belo Horizonte (2000-2006)	8	2.2	0.6	3.9	11	2.1	0.7	3.6	3.9	1.6	0.7	1.9
BRAZIL, Curitiba (1998-2010)	16	3.3	3.8	2.8	18	2.8	2.9	2.6	6.0	1.7	1.6	1.0
BRAZIL, Goiânia (1995-2011)	18	4.0	4.2	3.8	22	3.6	4.0	3.1	6.4	3.7	1.1	2.0
BRAZIL, João Pessoa (1999-2010)	1	0.6	1.2	0.0	2	0.7	0.9	0.5	1.6	0.0	0.0	1.2
CHILE, paediatric (2007-2011)	51	2.9	2.9	3.0	-	-	-	-	5.2	0.8	2.2	-
CHILE, 4 registries (1998-2012)	16	4.1	5.5	2.6	18	3.4	4.5	2.3	8.5	1.3	1.2	1.2
COLOMBIA, 4 registries (1992-2013)	47	2.8	2.8	2.7	56	2.5	2.6	2.3	3.3	2.9	2.0	1.5
COLOMBIA, Bucaramanga (2000-2012)	10	3.0	3.6	2.4	14	3.0	3.8	2.2	4.5	1.7	2.4	3.1
COLOMBIA, Cali (1992-2013)	31	2.8	2.5	3.1	36	2.4	2.3	2.6	3.0	3.7	1.5	1.3
COSTA RICA (1993-2012)	57	2.6	2.7	2.4	61	2.1	2.3	1.9	4.1	2.1	1.1	0.5
CUBA (2000-2012)	55	2.2	2.2	2.3	64	1.9	1.9	2.0	3.8	1.6	0.9	0.9
ECUADOR, 5 registries (1993-2013)	33	1.6	1.7	1.4	34	1.2	1.3	1.1	1.8	2.0	0.7	0.1
ECUADOR, Cuenca (1996-2013)	4	1.6	2.4	0.8	4	1.3	1.9	0.6	1.2	3.6	0.0	0.0
ECUADOR, Guayaquil (2008-2012)	4	1.2	1.9	0.6	4	0.9	1.4	0.4	0.9	2.7	0.0	0.0
ECUADOR, Manabí (1995-2011)	6	0.9	1.2	0.7	6	0.7	0.9	0.5	0.9	1.3	0.4	0.0
ECUADOR, Quito (1993-2012)	16	2.0	2.1	1.9	17	1.6	1.6	1.7	2.6	2.2	1.1	0.4
FRANCE, 3 registries (1990-2012)	11	4.0	4.5	3.5	13	3.5	4.3	2.7	8.8	1.0	0.9	1.9
HONDURAS, Francisco Morazán (2002-2012)	12	1.6	1.3	1.9	14	1.4	1.2	1.7	1.8	2.0	0.9	0.9
JAMAICA, Kingston and St Andrew (1982-2012)	5	0.9	0.4	1.5	5	0.7	0.3	1.2	1.6	1.0	0.0	0.0
MEXICO, Mexico City, paediatric (1997-2013)	34	2.9	2.7	3.1	-	-	-	-	3.6	2.7	2.3	-
PERU, Lima (2010-2012)	27	3.9	3.4	4.5	29	3.2	3.0	3.5	5.1	3.4	3.0	0.8
PERU, Trujillo (1990-2002)	3	1.1	1.4	0.8	3	0.9	1.1	0.6	0.0	1.3	2.5	0.0
USA, Puerto Rico (1992-2012)	51	3.1	3.5	2.6	61	2.7	3.1	2.3	4.6	2.8	1.3	1.6
URUGUAY (1993-2012)	63	4.2	5.7	2.7	68	3.5	4.6	2.3	5.7	2.3	4.4	1.0
<b>AMERICA, NORTH</b>												
CANADA, 9 registries (1992-2013)	379	3.6	4.0	3.1	446	3.1	3.5	2.8	6.2	1.9	1.8	1.6
CANADA, Alberta (1992-2013)	61	4.7	6.0	3.3	75	4.3	5.2	3.3	9.1	1.9	1.9	2.8
CANADA, British Columbia (1992-2013)	43	3.0	3.4	2.6	50	2.6	3.0	2.2	5.3	1.5	1.6	1.2
CANADA, Manitoba (1992-2013)	21	4.3	3.2	5.4	26	3.9	3.4	4.4	6.5	4.0	1.7	2.7
CANADA, Nova Scotia (1992-2013)	11	3.7	3.5	3.9	13	3.2	2.7	3.7	7.4	2.5	0.0	1.5
CANADA, Ontario (1992-2012)	141	3.3	3.6	2.9	164	2.8	3.1	2.5	5.6	1.8	1.7	1.4
CANADA, Quebec (1992-2010)	87	3.8	4.2	3.3	101	3.3	3.6	2.9	6.3	2.1	2.3	1.5
CANADA, Saskatchewan (1992-2013)	15	3.3	3.4	3.2	17	2.8	2.9	2.8	4.7	1.3	3.7	1.2
USA (1998-2012)	3189	3.8	4.1	3.4	3929	3.4	3.7	3.1	6.1	2.5	2.1	2.3
USA, API (1998-2012)	109	2.5	2.8	2.3	140	2.4	2.5	2.3	4.3	1.9	1.0	2.0
USA, Black (1998-2012)	376	2.7	3.0	2.5	458	2.5	2.7	2.3	4.5	1.9	1.2	1.6
USA, Hispanic White (1998-2012)	621	3.8	4.1	3.5	740	3.4	3.7	3.2	6.0	2.6	2.2	2.3
USA, Native American (1998-2012)	27	2.0	2.5	1.5	35	1.9	2.5	1.3	3.6	1.3	0.8	1.6
USA, NH White (1998-2012)	1982	4.1	4.4	3.7	2469	3.7	4.1	3.3	6.6	2.5	2.4	2.5
USA, NPCR (1998-2012)	3069	3.8	4.1	3.4	3793	3.5	3.8	3.2	6.1	2.5	2.2	2.4
USA, NPCR, API (1998-2012)	102	2.6	2.8	2.4	130	2.5	2.6	2.4	4.3	2.0	1.0	2.0
USA, NPCR, Black (1998-2012)	368	2.7	3.0	2.5	449	2.5	2.7	2.3	4.5	1.9	1.3	1.6
USA, NPCR, Hispanic White (1998-2012)	598	3.8	4.1	3.5	715	3.5	3.7	3.2	6.0	2.6	2.2	2.4
USA, NPCR, Native American (1998-2012)	26	2.1	2.6	1.7	33	2.0	2.7	1.3	3.9	1.1	0.9	1.5
USA, NPCR, NH White (1998-2012)	1901	4.1	4.5	3.7	2379	3.7	4.1	3.4	6.6	2.6	2.4	2.6
USA, SEER 18 (1993-2012)	834	3.1	3.4	2.8	986	2.8	3.0	2.5	5.1	2.1	1.6	1.6
USA, SEER 18, API (1993-2012)	54	2.1	2.4	1.9	69	2.0	2.3	1.8	3.2	2.1	0.8	1.7

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

### IIIA. Ependymomas and choroid plexus tumour

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
USA, SEER 18, Black (1993-2012)	106	2.7	2.7	2.7	121	2.4	2.5	2.3	4.5	2.1	1.0	1.1
USA, SEER 18, Hispanic White (1993-2012)	235	3.3	3.4	3.2	273	3.0	3.0	2.9	5.4	2.4	1.5	1.7
USA, SEER 18, Native American (1993-2012)	5	0.9	1.5	0.4	6	0.9	1.2	0.5	1.1	1.1	0.5	0.5
USA, SEER 18, NH White (1993-2012)	423	3.3	3.6	2.9	506	2.9	3.2	2.6	5.5	1.8	1.9	1.7
USA, SEER 9, Black (1993-2012)	47	2.9	3.1	2.8	51	2.4	2.6	2.2	4.8	2.4	1.0	0.7
USA, SEER 9, White (1993-2012)	269	3.5	4.0	3.0	302	3.0	3.4	2.6	6.0	1.8	2.0	1.2
USA, Alabama (1998-2012)	49	3.7	4.7	2.7	61	3.4	4.4	2.5	5.6	2.6	2.5	2.4
USA, Alabama, Black (1998-2012)	11	2.6	3.3	1.9	16	2.7	3.4	2.0	3.6	2.7	1.3	3.0
USA, Alabama, NH White (1998-2012)	33	4.0	4.9	3.1	40	3.6	4.5	2.7	6.2	2.4	3.0	2.3
USA, Alaska (1998-2012)	6	2.8	3.8	1.6	6	2.1	3.0	1.2	4.0	2.6	1.2	0.0
USA, Alaska, NH White (1998-2012)	2	1.3	1.4	1.2	2	1.0	1.1	0.9	0.0	2.2	2.0	0.0
USA, Arizona (1998-2012)	63	3.4	4.1	2.8	85	3.5	4.1	2.8	4.8	2.3	2.9	3.5
USA, Arizona, Hispanic White (1998-2012)	27	3.9	3.9	3.8	32	3.5	3.8	3.2	4.8	2.6	4.1	2.4
USA, Arizona, NH White (1998-2012)	31	3.7	4.5	2.8	46	3.9	4.7	3.1	4.9	2.8	3.0	4.8
USA, Arkansas (1998-2012)	23	2.8	3.5	2.1	28	2.6	3.0	2.1	4.2	2.1	1.7	1.7
USA, Arkansas, Black (1998-2012)	4	2.5	3.7	1.3	6	2.7	2.8	2.5	5.1	1.7	0.0	3.2
USA, Arkansas, NH White (1998-2012)	18	3.1	4.0	2.2	20	2.6	3.3	1.9	4.2	2.5	2.4	0.9
USA, California (1998-2012)	404	3.7	4.1	3.4	500	3.4	3.8	3.0	6.0	2.6	1.9	2.4
USA, California, API (1998-2012)	34	2.5	2.9	2.1	42	2.3	2.6	2.0	3.0	3.0	1.2	1.6
USA, California, Black (1998-2012)	33	3.8	4.5	3.1	38	3.3	4.0	2.5	6.9	2.5	1.2	1.5
USA, California, Hispanic White (1998-2012)	185	3.8	3.8	3.7	224	3.5	3.6	3.3	5.9	2.6	2.1	2.4
USA, California, NH White (1998-2012)	147	4.3	5.0	3.5	190	4.0	4.7	3.2	7.3	2.5	2.1	3.0
USA, California, Greater California (2000-2012)	171	3.3	3.5	3.0	201	2.9	3.1	2.6	5.4	2.1	1.7	1.5
USA, California, Greater California, API (2000-2012)	9	1.8	3.0	0.5	12	1.7	2.6	0.8	2.3	2.2	0.5	1.5
USA, California, Greater California, Black (2000-2012)	8	2.3	1.7	3.0	9	1.9	1.6	2.3	4.7	1.5	0.0	0.7
USA, California, Greater California, Hispanic White (2000-2012)	86	3.7	3.8	3.5	100	3.2	3.3	3.2	5.8	2.6	2.0	1.8
USA, California, Greater California, NH White (2000-2012)	65	3.4	3.7	3.1	77	3.0	3.3	2.6	6.2	1.6	1.8	1.5
USA, California, Los Angeles (1993-2012)	111	2.8	3.3	2.2	139	2.6	3.2	2.0	4.5	2.5	0.8	2.0
USA, California, Los Angeles, API (1993-2012)	14	3.3	4.1	2.5	15	2.7	3.1	2.2	5.9	2.6	0.6	0.6
USA, California, Los Angeles, Black (1993-2012)	16	3.7	5.0	2.3	20	3.4	4.7	2.1	6.6	2.4	1.2	2.5
USA, California, Los Angeles, Hispanic White (1993-2012)	58	2.6	2.9	2.2	70	2.4	2.8	1.9	4.0	2.6	0.7	1.7
USA, California, Los Angeles, NH White (1993-2012)	16	1.9	2.4	1.4	27	2.3	3.0	1.5	3.0	1.4	1.0	3.6
USA, California, San Francisco (1993-2012)	48	3.3	3.2	3.3	53	2.8	2.9	2.7	5.5	2.0	1.8	1.0
USA, California, San Francisco, API (1993-2012)	10	2.8	2.2	3.5	12	2.6	2.5	2.7	2.5	3.5	2.5	1.7
USA, California, San Francisco, Black (1993-2012)	7	3.7	4.2	3.1	7	2.8	3.2	2.4	4.9	1.5	4.4	0.0
USA, California, San Francisco, Hispanic White (1993-2012)	12	3.4	2.2	4.6	12	2.6	1.7	3.5	7.3	0.8	0.9	0.0
USA, California, San Francisco, NH White (1993-2012)	19	3.4	4.2	2.5	22	3.0	3.7	2.2	6.3	2.0	1.0	1.6
USA, California, San Francisco, White (1993-2012)	31	3.4	3.4	3.3	34	2.8	2.9	2.7	6.7	1.6	1.0	1.0
USA, California, San José (1993-2012)	29	3.0	2.7	3.3	36	2.8	2.6	3.0	5.3	0.9	2.2	2.2
USA, California, San José, API (1993-2012)	3	1.4	0.9	1.8	4	1.4	1.4	1.4	2.4	1.3	0.0	1.5
USA, California, San José, Hispanic White (1993-2012)	13	3.5	2.2	4.8	15	3.1	2.0	4.2	5.7	0.8	3.4	1.7
USA, California, San José, NH White (1993-2012)	13	4.1	4.8	3.3	17	3.9	4.4	3.3	7.8	0.9	2.5	3.3
USA, Colorado (1998-2012)	57	4.2	5.3	3.2	69	3.8	4.4	3.3	7.6	2.9	1.2	2.4
USA, Colorado, Hispanic White (1998-2012)	16	4.4	5.9	2.8	21	4.4	5.0	3.9	5.1	7.4	0.0	4.6
USA, Colorado, NH White (1998-2012)	37	4.5	5.8	3.2	44	4.0	4.8	3.2	9.2	1.3	1.9	2.1
USA, Connecticut (1993-2012)	41	3.3	3.9	2.7	46	2.8	3.4	2.2	6.2	1.5	1.5	1.1
USA, Connecticut, Black (1993-2012)	4	2.5	2.5	2.6	4	1.9	1.9	2.0	6.5	0.0	0.0	0.0
USA, Connecticut, Hispanic White (1993-2012)	6	3.4	5.5	1.1	6	2.6	4.3	0.9	3.2	5.1	1.7	0.0
USA, Connecticut, NH White (1993-2012)	29	3.5	3.9	3.1	34	3.1	3.6	2.5	7.0	0.9	1.8	1.6
USA, Connecticut, White (1993-2012)	35	3.5	4.1	2.7	40	3.0	3.7	2.2	6.3	1.6	1.8	1.3
USA, Delaware (1998-2012)	8	3.5	5.3	1.7	10	3.2	4.6	1.8	7.4	0.0	2.3	2.2
USA, Delaware, NH White (1998-2012)	6	4.4	7.5	1.1	7	3.8	5.8	1.7	8.6	0.0	3.8	1.8
USA, District of Columbia (1998-2012)	6	4.4	3.0	5.8	7	3.8	3.1	4.5	4.0	4.5	4.6	1.7
USA, Florida (1998-2012)	158	3.6	3.7	3.5	186	3.1	3.2	3.1	6.4	1.5	2.2	1.6
USA, Florida, Black (1998-2012)	25	2.5	3.2	1.7	32	2.3	2.6	2.0	4.7	0.8	1.3	1.8
USA, Florida, Hispanic White (1998-2012)	42	4.2	3.7	4.8	51	3.8	3.5	4.2	7.6	1.5	2.8	2.5
USA, Florida, NH White (1998-2012)	86	3.8	3.9	3.7	97	3.2	3.3	3.1	6.8	1.6	2.3	1.2
USA, Georgia (1998-2012)	103	3.8	3.8	3.7	123	3.4	3.4	3.3	6.3	2.2	2.0	2.0
USA, Georgia, Black (1998-2012)	28	3.0	2.8	3.2	31	2.5	2.3	2.7	5.1	2.9	0.3	0.8
USA, Georgia, Hispanic White (1998-2012)	9	3.3	3.6	2.9	9	2.5	2.8	2.3	6.4	2.4	0.0	0.0
USA, Georgia, NH White (1998-2012)	64	4.5	4.6	4.3	80	4.2	4.3	4.0	7.7	1.6	3.5	3.1
USA, Georgia, Atlanta (1993-2012)	33	2.7	2.9	2.5	36	2.3	2.3	2.2	5.1	1.4	0.9	0.7
USA, Georgia, Atlanta, Black (1993-2012)	15	2.9	3.1	2.8	16	2.4	2.7	2.1	5.9	1.6	0.5	0.5
USA, Georgia, Atlanta, Hispanic White (1993-2012)	4	2.7	4.0	1.3	4	2.1	3.1	1.0	5.0	2.4	0.0	0.0
USA, Georgia, Atlanta, NH White (1993-2012)	14	2.9	2.7	3.0	15	2.4	2.1	2.6	5.2	1.2	1.7	0.6
USA, Georgia, Atlanta, White (1993-2012)	18	2.9	3.0	2.7	19	2.3	2.4	2.3	5.1	1.4	1.4	0.5
USA, Georgia, Greater Georgia (2000-2012)	47	3.1	2.7	3.5	54	2.7	2.3	3.1	5.2	2.2	1.3	1.2
USA, Georgia, Greater Georgia, Black (2000-2012)	12	2.5	1.7	3.4	13	2.1	1.3	2.9	2.5	4.3	0.6	0.6
USA, Georgia, Greater Georgia, NH White (2000-2012)	30	3.4	3.3	3.5	36	3.0	2.9	3.1	6.7	1.2	1.5	1.8
USA, Hawaii (1993-2012)	11	2.3	2.9	1.6	14	2.2	2.8	1.5	3.5	1.8	1.2	1.8
USA, Hawaii, API (1993-2012)	7	1.9	1.7	2.1	10	2.0	2.0	2.0	3.0	1.6	0.7	2.3
USA, Hawaii, Hawaiian (1993-2012)	3	2.0	1.3	2.7	5	2.4	1.9	3.0	3.6	1.9	0.0	4.0
USA, Idaho (1998-2012)	15	3.3	4.0	2.5	16	2.7	3.3	2.0	5.5	3.1	0.6	0.6
USA, Idaho, NH White (1998-2012)	15	4.1	5.0	3.2	16	3.3	4.2	2.4	6.9	3.8	0.7	0.7
USA, Illinois (1998-2012)	136	3.7	3.5	3.8	181	3.6	3.5	3.7	5.7	2.9	1.8	3.3
USA, Illinois, API (1998-2012)	7	4.2	1.3	7.2	9	4.1	1.0	7.3	6.6	0.0	5.8	3.6
USA, Illinois, Black (1998-2012)	16	2.2	2.2	2.2	23	2.3	2.4	2.2	2.5	2.4	1.5	2.7
USA, Illinois, Hispanic White (1998-2012)	30	4.0	4.5	3.5	35	3.6	3.9	3.4	5.4	4.4	1.7	2.3
USA, Illinois, NH White (1998-2012)	82	4.0	3.7	4.3	112	3.9	3.8	4.1	6.7	2.8	1.8	3.7
USA, Indiana (1998-2012)	80	4.4	4.1	4.8	92	3.8	3.4	4.2	7.8	2.7	1.8	1.7
USA, Indiana, Black (1998-2012)	11	4.7	4.8	4.6	11	3.6	3.7	3.5	7.2	3.6	2.4	0.0
USA, Indiana, NH White (1998-2012)	60	4.3	4.0	4.6	71	3.8	3.4	4.1	7.7	2.7	1.5	1.9
USA, Iowa (1993-2012)	33	2.9	3.4	2.5	36	2.4	2.8	2.0	4.4	1.8	2.2	0.7
USA, Iowa, NH White (1993-2012)	25	2.5	2.6	2.4	27	2.1	2.2	2.0	4.0	1.2	2.1	0.5
USA, Iowa, White (1993-2012)	29	2.8	3.1	2.5	31	2.3	2.5	2.0	4.5	1.1	2.3	0.5

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

### IIIA. Ependymomas and choroid plexus tumour

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
USA, Kentucky (1998-2012)	46	3.9	3.9	3.8	62	3.8	3.5	4.2	5.9	3.1	2.1	3.7
USA, Kentucky, NH White (1998-2012)	37	3.7	3.4	3.9	50	3.6	3.1	4.2	5.3	3.1	2.2	3.5
USA, Louisiana (1998-2012)	46	3.4	3.2	3.5	65	3.4	3.4	3.5	4.7	2.8	2.2	3.7
USA, Louisiana, Black (1998-2012)	15	2.8	2.5	3.1	17	2.4	2.4	2.4	5.3	0.5	2.0	1.0
USA, Louisiana, NH White (1998-2012)	28	3.7	3.6	3.9	42	4.0	3.9	4.1	4.4	3.9	2.6	5.0
USA, Maine (1998-2012)	14	4.2	6.0	2.2	15	3.4	4.6	2.1	5.7	2.6	3.9	0.7
USA, Maine, NH White (1998-2012)	13	4.2	6.4	1.9	14	3.5	5.0	1.8	6.2	2.7	3.3	0.8
USA, Maryland (1998-2012)	50	3.2	2.3	4.1	64	3.0	2.5	3.6	5.5	2.2	1.4	2.4
USA, Maryland, Black (1998-2012)	7	1.3	0.3	2.4	10	1.4	0.7	2.1	2.7	0.5	0.5	1.5
USA, Maryland, NH White (1998-2012)	35	4.3	4.1	4.6	45	4.1	4.0	4.1	7.3	2.7	2.2	3.2
USA, Massachusetts (1998-2012)	73	4.3	4.7	4.0	95	4.1	4.4	3.8	6.8	2.8	2.7	3.3
USA, Massachusetts, Black (1998-2012)	2	1.0	1.1	0.9	3	1.1	1.5	0.7	0.0	1.7	1.6	1.5
USA, Massachusetts, Hispanic White (1998-2012)	8	4.6	4.5	4.6	10	4.3	4.2	4.3	7.8	3.3	1.7	3.2
USA, Massachusetts, NH White (1998-2012)	60	4.9	5.3	4.5	77	4.6	5.0	4.1	7.9	2.9	3.2	3.4
USA, Michigan (1998-2012)	109	3.8	3.8	3.8	134	3.5	3.4	3.5	6.0	2.1	2.9	2.3
USA, Michigan, Black (1998-2012)	18	3.4	3.2	3.7	22	3.1	2.5	3.8	6.1	2.0	1.5	2.0
USA, Michigan, Hispanic White (1998-2012)	4	2.6	2.5	2.6	4	2.0	1.9	2.0	6.6	0.0	0.0	0.0
USA, Michigan, NH White (1998-2012)	84	4.1	4.1	4.0	103	3.7	3.8	3.5	6.1	2.3	3.3	2.3
USA, Michigan, Detroit (1993-2012)	48	3.0	3.7	2.2	57	2.7	3.2	2.1	4.4	1.7	2.4	1.7
USA, Michigan, Detroit, Black (1993-2012)	12	2.4	2.6	2.3	13	2.0	2.0	2.1	3.6	2.2	1.1	0.6
USA, Michigan, Detroit, NH White (1993-2012)	34	3.5	4.7	2.2	42	3.2	4.1	2.3	5.2	1.7	3.1	2.4
USA, Michigan, Detroit, White (1993-2012)	36	3.4	4.5	2.3	44	3.2	4.0	2.3	5.1	1.6	3.2	2.3
USA, Minnesota (1998-2012)	74	4.9	5.4	4.4	85	4.3	4.8	3.7	7.2	4.0	2.9	2.0
USA, Minnesota, NH White (1998-2012)	62	5.3	5.7	5.0	70	4.5	5.0	4.0	7.9	4.3	2.9	1.7
USA, Mississippi (2002-2012)	20	3.1	3.1	3.2	26	3.0	3.3	2.6	5.3	2.7	0.8	2.5
USA, Mississippi, Black (2002-2012)	6	2.2	1.5	3.0	11	2.8	2.8	2.7	5.0	1.0	0.0	4.5
USA, Mississippi, NH White (2002-2012)	12	3.6	4.2	3.0	12	2.8	3.2	2.3	5.2	3.5	1.7	0.0
USA, Missouri (1996-2012)	78	4.2	5.1	3.3	96	3.8	4.6	3.1	7.0	2.6	2.3	2.5
USA, Missouri, Black (1996-2012)	8	2.8	3.4	2.1	9	2.4	3.1	1.6	5.0	1.0	1.9	0.9
USA, Missouri, NH White (1996-2012)	62	4.3	5.2	3.4	75	3.9	4.6	3.1	7.1	2.9	2.2	2.3
USA, Montana (1998-2012)	13	5.1	9.0	0.9	16	4.6	7.8	1.2	6.9	5.6	2.0	2.9
USA, Montana, NH White (1998-2012)	10	4.6	9.0	0.0	13	4.3	7.9	0.5	5.7	5.3	2.4	3.3
USA, Nebraska (1998-2012)	23	4.5	3.9	5.1	27	3.9	3.5	4.4	8.6	3.2	0.5	2.0
USA, Nebraska, NH White (1998-2012)	14	3.5	3.6	3.5	18	3.3	3.3	3.2	5.7	3.5	0.7	2.4
USA, Nevada (1998-2012)	22	3.1	2.7	3.4	26	2.8	2.7	2.8	4.7	1.6	2.4	1.7
USA, Nevada, Hispanic White (1998-2012)	7	2.9	1.7	4.1	8	2.6	2.0	3.2	3.4	2.5	2.7	1.5
USA, Nevada, NH White (1998-2012)	9	2.8	1.7	3.9	12	2.7	2.1	3.4	5.2	1.7	0.8	2.5
USA, New Hampshire (1998-2012)	14	4.5	5.1	3.9	21	4.6	4.6	4.6	9.1	2.4	0.7	5.0
USA, New Hampshire, NH White (1998-2012)	13	4.6	4.9	4.3	20	4.8	4.5	5.1	9.1	2.7	0.8	5.4
USA, New Jersey (1998-2012)	101	4.1	4.3	4.0	121	3.7	3.9	3.6	6.4	2.4	3.0	2.3
USA, New Jersey, API (1998-2012)	6	3.0	3.0	3.0	8	3.1	3.1	3.1	6.6	1.4	0.0	3.3
USA, New Jersey, Black (1998-2012)	10	2.4	2.9	2.0	11	2.0	2.5	1.5	4.7	1.3	0.6	0.6
USA, New Jersey, Hispanic White (1998-2012)	17	4.0	6.0	2.0	21	3.8	5.3	2.2	5.8	2.9	2.9	2.9
USA, New Jersey, NH White (1998-2012)	64	4.6	4.1	5.2	76	4.1	3.7	4.6	6.9	2.8	3.6	2.4
USA, New Mexico (1993-2012)	23	2.9	1.4	4.5	26	2.5	1.3	3.8	4.4	2.9	1.0	1.0
USA, New Mexico, Hispanic White (1993-2012)	13	3.4	1.6	5.3	14	2.8	1.2	4.5	6.5	2.2	0.7	0.7
USA, New Mexico, NH White (1993-2012)	7	2.6	0.6	4.8	8	2.3	0.9	3.7	2.4	3.4	2.1	1.0
USA, New Mexico, White (1993-2012)	20	3.1	1.2	5.2	22	2.6	1.1	4.2	4.9	2.7	1.3	0.8
USA, New York State (1998-2012)	199	3.8	4.3	3.2	244	3.4	3.8	3.0	5.9	2.2	2.7	2.3
USA, New York State, API (1998-2012)	10	2.8	2.7	2.8	14	2.8	2.5	3.2	5.3	0.8	1.6	2.9
USA, New York State, Black (1998-2012)	29	2.7	3.2	2.1	35	2.4	2.8	2.0	4.7	1.7	0.9	1.4
USA, New York State, Hispanic White (1998-2012)	28	3.2	4.1	2.2	32	2.8	3.5	2.0	4.5	1.7	3.1	1.3
USA, New York State, NH White (1998-2012)	123	4.3	4.8	3.8	151	3.9	4.3	3.6	6.5	2.7	3.3	2.5
USA, New York State, White (1998-2012)	151	4.0	4.7	3.4	183	3.6	4.1	3.2	6.0	2.5	3.2	2.3
USA, North Carolina (1998-2012)	88	3.5	4.3	2.7	106	3.2	3.8	2.6	5.9	2.2	1.9	2.0
USA, North Carolina, Black (1998-2012)	22	3.5	5.1	1.8	26	3.0	3.9	2.1	6.7	1.3	1.6	1.6
USA, North Carolina, Hispanic White (1998-2012)	3	1.1	0.7	1.5	4	1.2	0.6	2.0	2.9	0.0	0.0	1.6
USA, North Carolina, NH White (1998-2012)	56	3.8	4.4	3.1	69	3.4	4.1	2.8	6.0	2.5	2.2	2.3
USA, North Dakota (1998-2012)	6	3.3	2.3	4.4	8	3.1	2.3	4.0	3.3	4.9	1.5	2.6
USA, North Dakota, NH White (1998-2012)	5	3.3	1.5	5.2	7	3.2	1.8	4.7	3.9	3.8	1.8	2.9
USA, Ohio (1998-2012)	129	4.0	4.7	3.2	155	3.6	4.1	3.0	6.3	2.7	2.4	2.1
USA, Ohio, Black (1998-2012)	19	3.4	3.7	3.1	20	2.8	3.1	2.4	4.2	4.7	1.0	0.5
USA, Ohio, NH White (1998-2012)	102	4.1	4.9	3.2	124	3.7	4.2	3.1	6.6	2.1	2.8	2.2
USA, Oklahoma (1998-2012)	32	2.9	3.6	2.3	40	2.7	3.6	1.9	4.0	2.2	2.4	2.0
USA, Oklahoma, Native American (1998-2012)	5	3.5	4.1	2.9	8	4.0	5.8	2.2	6.0	2.0	1.9	5.9
USA, Oklahoma, NH White (1998-2012)	20	2.9	3.4	2.4	23	2.5	3.2	1.8	3.9	2.6	2.0	1.1
USA, Oregon (1998-2012)	37	3.8	4.9	2.6	49	3.6	4.6	2.6	6.4	2.0	2.2	3.2
USA, Oregon, Hispanic White (1998-2012)	7	4.2	3.5	4.9	8	3.7	2.7	4.8	6.3	3.6	2.0	2.2
USA, Oregon, NH White (1998-2012)	26	3.7	5.1	2.2	37	3.7	5.0	2.3	6.6	1.2	2.5	3.8
USA, Pennsylvania (1998-2012)	106	3.3	3.7	2.9	137	3.1	3.6	2.6	5.5	1.8	2.0	2.3
USA, Pennsylvania, Black (1998-2012)	12	2.5	2.9	2.0	17	2.5	3.2	1.8	4.6	1.1	1.1	2.6
USA, Pennsylvania, Hispanic White (1998-2012)	5	2.7	2.1	3.3	6	2.4	2.3	2.6	6.9	0.0	0.0	1.5
USA, Pennsylvania, NH White (1998-2012)	85	3.5	3.9	3.0	110	3.2	3.7	2.7	5.6	1.9	2.4	2.4
USA, Rhode Island (1998-2012)	13	4.9	6.2	3.6	15	4.2	5.2	3.2	8.8	2.0	2.9	1.7
USA, Rhode Island, NH White (1998-2012)	8	4.2	6.6	1.8	9	3.5	5.6	1.4	6.5	2.9	2.7	1.2
USA, South Carolina (1998-2012)	36	3.0	2.5	3.6	46	2.8	2.6	3.1	5.2	1.6	1.6	2.1
USA, South Carolina, Black (1998-2012)	8	1.8	1.4	2.2	10	1.7	1.3	2.0	2.7	0.7	1.9	1.2
USA, South Carolina, NH White (1998-2012)	25	3.6	2.8	4.5	33	3.5	3.2	3.8	6.6	2.0	1.5	2.9
USA, South Dakota (2001-2012)	2	1.2	0.0	2.4	3	1.2	0.6	1.8	3.0	0.0	0.0	1.4
USA, South Dakota, NH White (2001-2012)	1	0.8	0.0	1.6	2	1.0	0.7	1.2	2.0	0.0	0.0	1.7
USA, Tennessee (1999-2012)	55	3.5	3.7	3.4	63	3.0	3.2	2.9	6.4	1.4	2.1	1.4
USA, Tennessee, Black (1999-2012)	8	2.3	2.4	2.3	8	1.8	1.8	1.8	4.2	0.8	1.6	0.0
USA, Tennessee, NH White (1999-2012)	39	3.6	3.8	3.3	47	3.2	3.5	2.9	6.5	1.0	2.4	1.9
USA, Texas (1998-2012)	309	4.1	4.5	3.6	382	3.8	4.2	3.3	6.4	2.8	2.3	2.8
USA, Texas, API (1998-2012)	4	1.5	2.2	0.8	6	1.7	2.2	1.1	3.9	0.0	0.0	2.3

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

### IIIA. Ependymomas and choroid plexus tumour

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
USA, Texas, Black (1998-2012)	20	1.9	1.8	2.0	28	2.0	2.1	1.8	2.6	1.7	1.4	2.2
USA, Texas, Hispanic White (1998-2012)	145	4.3	5.0	3.6	173	3.9	4.6	3.3	6.8	3.0	2.5	2.7
USA, Texas, NH White (1998-2012)	132	4.6	4.9	4.3	167	4.3	4.6	4.0	7.3	3.4	2.4	3.2
USA, Utah (1993-2012)	46	3.8	4.2	3.4	53	3.3	3.7	2.9	7.2	1.7	1.7	1.6
USA, Utah, Hispanic White (1993-2012)	5	3.3	5.2	1.4	7	3.6	4.0	3.3	6.9	0.0	2.3	4.7
USA, Utah, NH White (1993-2012)	40	4.1	4.2	4.0	45	3.5	3.7	3.2	7.5	2.1	1.8	1.4
USA, Utah, White (1993-2012)	45	4.0	4.3	3.6	52	3.5	3.8	3.1	7.4	1.8	1.8	1.8
USA, Vermont (1998-2012)	3	1.7	0.9	2.6	6	2.3	1.3	3.3	2.0	0.0	3.2	4.2
USA, Vermont, NH White (1998-2012)	3	1.8	0.9	2.7	5	2.1	1.4	2.8	2.2	0.0	3.4	3.0
USA, Virginia (1998-2012)	83	3.9	4.2	3.7	98	3.5	3.6	3.3	5.7	3.9	1.6	1.9
USA, Virginia, Black (1998-2012)	20	3.8	3.5	4.1	20	2.9	2.7	3.2	4.6	3.4	3.2	0.0
USA, Virginia, Hispanic White (1998-2012)	4	2.3	1.1	3.5	4	1.8	0.9	2.7	5.9	0.0	0.0	0.0
USA, Virginia, NH White (1998-2012)	53	4.1	4.4	3.7	68	3.8	4.0	3.6	5.8	4.5	1.2	3.0
USA, Washington State (1998-2012)	77	4.3	5.1	3.5	94	3.9	4.6	3.2	6.9	3.0	2.3	2.5
USA, Washington State, Hispanic White (1998-2012)	12	4.5	3.7	5.4	13	3.8	2.9	4.8	6.0	3.3	3.8	1.3
USA, Washington State, NH White (1998-2012)	52	4.4	6.0	2.7	65	4.0	5.4	2.5	7.6	2.5	2.1	2.7
USA, Washington, Seattle (1993-2012)	59	3.8	4.9	2.7	67	3.3	4.2	2.3	6.1	2.7	2.0	1.4
USA, Washington, Seattle, API (1993-2012)	3	1.9	1.2	2.6	5	2.2	1.7	2.8	1.8	3.7	0.0	3.4
USA, Washington, Seattle, Hispanic White (1993-2012)	10	7.0	6.8	7.1	10	5.4	5.3	5.5	10.9	4.2	4.9	0.0
USA, Washington, Seattle, NH White (1993-2012)	41	3.8	5.6	2.0	46	3.2	4.6	1.8	6.5	2.3	1.9	1.2
USA, Washington, Seattle, White (1993-2012)	51	4.2	5.7	2.6	56	3.5	4.7	2.2	7.0	2.5	2.2	1.1
USA, West Virginia (1998-2012)	13	3.0	3.6	2.3	19	3.0	3.7	2.3	5.2	1.9	1.2	3.3
USA, West Virginia, NH White (1998-2012)	12	2.9	3.3	2.5	18	3.1	3.6	2.5	4.9	2.0	1.3	3.5
USA, Wisconsin (1998-2012)	51	3.4	4.1	2.6	67	3.2	3.8	2.6	6.1	1.8	1.5	2.6
USA, Wisconsin, NH White (1998-2012)	42	3.7	4.4	2.8	54	3.4	4.0	2.8	6.6	1.9	1.7	2.4
USA, Wyoming (1998-2012)	9	5.8	10.2	1.1	9	4.5	7.9	0.8	7.7	3.9	5.5	0.0
<b>ASIA</b>												
BAHRAIN (1998-2012)	6	2.1	2.1	2.2	6	1.7	1.6	1.7	5.5	0.0	0.0	0.0
CHINA, 6 registries (1990-2013)	110	2.2	1.9	2.5	143	2.0	1.8	2.1	3.6	1.8	0.9	1.2
CHINA, Beijing (2000-2013)	29	2.0	1.9	2.1	41	1.8	1.9	1.8	3.4	1.7	0.5	1.2
CHINA, Dalian (2003-2012)	4	1.9	1.7	2.1	5	1.7	1.7	1.6	1.6	1.5	2.6	0.9
CHINA, Guangzhou (2010-2012)	13	4.2	4.3	4.1	15	3.6	3.6	3.5	4.6	6.9	0.8	1.2
CHINA, Hong Kong (1990-2013)	53	2.5	2.0	2.9	66	2.2	1.9	2.5	4.3	1.6	1.0	1.2
CHINA, Shanghai (2002-2012)	6	1.1	1.2	1.0	9	1.1	1.2	0.9	1.7	0.6	0.9	0.8
CHINA, Zhongshan (2003-2012)	5	1.6	0.5	2.9	7	1.7	0.8	2.7	2.9	0.8	0.7	1.8
INDIA, 7 registries (1990-2013)	171	1.0	1.2	0.9	209	0.9	1.1	0.8	1.2	0.9	0.9	0.6
INDIA, Bangalore (1993-2011)	25	0.9	0.9	0.9	27	0.7	0.7	0.7	1.0	1.0	0.6	0.2
INDIA, Chennai (1993-2013)	22	1.1	1.0	1.1	27	1.0	0.9	1.0	1.2	1.3	0.6	0.6
INDIA, Kollam (2006-2012)	8	2.0	3.3	0.6	8	1.5	2.5	0.5	2.3	1.5	2.0	0.0
INDIA, Mumbai (1993-2012)	70	1.2	1.3	1.0	95	1.1	1.2	1.0	1.5	1.0	1.0	1.0
INDIA, Nagpur (1990-2012)	7	0.5	0.7	0.3	9	0.5	0.7	0.2	0.5	0.2	0.8	0.4
INDIA, New Delhi (2003-2010)	35	1.0	1.3	0.6	39	0.8	1.1	0.5	1.2	0.8	0.9	0.3
INDIA, Trivandrum (2005-2012)	4	1.9	2.9	0.8	4	1.4	2.2	0.6	2.8	0.0	2.6	0.0
IRAN, Golestan (2004-2011)	4	1.2	1.3	1.1	8	1.5	1.8	1.2	1.8	0.9	0.7	2.4
ISRAEL (1990-2012)	142	3.5	3.8	3.2	165	3.2	3.4	2.9	5.7	2.1	2.3	1.9
ISRAEL, Jews (1990-2012)	108	3.7	3.7	3.7	125	3.3	3.3	3.2	5.7	2.2	2.6	1.8
ISRAEL, Non-Jews (1990-2012)	34	3.1	4.1	2.1	40	2.9	3.6	2.1	5.5	1.8	1.2	2.0
JAPAN, 8 registries (1990-2013)	158	2.9	2.9	2.8	167	2.3	2.3	2.3	5.2	1.5	1.3	0.4
JAPAN, Aichi (2008-2012)	17	3.3	2.3	4.3	19	2.8	2.0	3.6	4.0	2.8	2.7	1.1
JAPAN, Hiroshima (1990-2012)	9	2.5	2.2	2.7	9	1.9	1.7	2.1	4.6	1.5	0.7	0.0
JAPAN, Miyagi (1990-2010)	16	2.2	2.0	2.4	18	1.9	1.7	2.0	3.1	1.6	1.8	0.6
JAPAN, Nagasaki (1993-2012)	9	2.3	2.9	1.7	10	1.9	2.3	1.6	5.1	0.7	0.6	0.5
JAPAN, Niigata (2003-2012)	7	2.5	3.0	2.0	8	2.1	2.3	1.9	4.2	1.9	0.9	0.9
JAPAN, Osaka (1990-2012)	88	3.3	3.3	3.4	90	2.6	2.5	2.7	6.4	1.4	1.4	0.2
JAPAN, Tochigi (2005-2012)	3	1.5	1.8	1.2	4	1.5	1.4	1.5	2.9	0.0	1.3	1.3
JAPAN, Yamagata (1990-2013)	9	2.4	4.3	0.5	9	1.9	3.3	0.4	4.6	1.4	0.6	0.0
JORDAN (2000-2012)	84	3.2	3.6	2.7	101	2.9	3.3	2.5	4.1	3.2	2.0	2.1
REPUBLIC OF KOREA (1999-2012)	241	2.2	2.2	2.1	289	1.9	2.0	1.8	3.7	1.5	0.8	1.0
REPUBLIC OF KOREA, Busan (1999-2012)	15	2.1	2.1	1.9	19	1.8	2.0	1.6	3.1	1.8	0.9	1.1
REPUBLIC OF KOREA, Daegu (1999-2012)	10	1.9	2.9	0.7	15	1.9	2.8	0.7	3.4	1.4	0.4	1.9
REPUBLIC OF KOREA, Daejeon (1999-2012)	9	2.7	2.8	2.6	9	2.1	2.2	2.0	5.1	2.2	0.0	0.0
REPUBLIC OF KOREA, Gwangju (1997-2012)	11	2.9	3.4	2.3	12	2.4	2.9	1.8	6.5	0.6	0.6	0.6
REPUBLIC OF KOREA, Incheon (1998-2012)	23	3.2	3.2	3.3	29	3.0	2.9	3.0	5.3	1.1	2.8	2.1
REPUBLIC OF KOREA, Jeju (2000-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPUBLIC OF KOREA, Seoul (1995-2012)	46	1.6	1.2	2.0	62	1.5	1.3	1.8	2.9	1.1	0.4	1.2
REPUBLIC OF KOREA, Ulsan (2001-2012)	8	3.5	2.0	5.1	9	2.9	1.9	4.0	5.4	4.3	0.0	1.0
KUWAIT (1994-2012)	10	0.8	0.9	0.7	17	1.1	1.3	1.0	0.4	1.0	1.1	2.2
KUWAIT, Kuwaitis (1994-2012)	6	0.8	1.1	0.6	10	1.1	1.3	0.9	0.8	0.4	1.4	2.1
KUWAIT, Non-Kuwaitis (1994-2012)	4	0.8	0.8	0.8	7	1.1	1.2	1.0	0.0	1.8	0.7	2.2
LEBANON (2008-2010)	6	2.1	1.9	2.3	7	1.8	1.8	1.8	4.7	0.0	0.8	0.8
PAKISTAN, Karachi (1995-2002)	7	1.2	1.4	1.0	9	1.3	1.7	0.8	1.0	1.0	1.7	1.4
PAKISTAN, Lahore (2008-2012)	27	1.5	1.6	1.4	36	1.5	1.8	1.3	2.0	1.4	1.0	1.7
PHILIPPINES, 2 registries (1993-2012)	42	0.6	0.8	0.3	49	0.5	0.7	0.3	0.5	0.5	0.7	0.3
PHILIPPINES, Manila (1993-2012)	20	0.6	0.8	0.4	23	0.5	0.7	0.4	0.8	0.4	0.5	0.3
PHILIPPINES, Rizal (1993-2012)	22	0.5	0.8	0.3	26	0.5	0.7	0.3	0.3	0.5	0.8	0.3
QATAR (2002-2014)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAUDI ARABIA, Riyadh (1994-2012)	55	1.7	1.9	1.5	64	1.5	1.7	1.3	2.6	1.1	1.1	1.0
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	12	2.1	3.8	0.4	14	2.0	3.3	0.7	2.3	0.5	3.7	1.6
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	43	1.6	1.5	1.7	50	1.4	1.4	1.5	2.6	1.3	0.6	0.9
THAILAND, 6 registries (1993-2013)	38	1.0	1.0	1.0	44	0.9	0.9	0.9	1.4	0.7	0.9	0.4
THAILAND, Bangkok (2001-2012)	11	0.8	1.2	0.5	13	0.7	1.0	0.4	1.0	0.7	0.9	0.3
THAILAND, Chiang Mai (1993-2012)	7	1.3	1.5	1.2	9	1.2	1.1	1.3	2.3	0.5	0.9	0.9
THAILAND, Chonburi (1998-2012)	7	1.9	1.5	2.4	7	1.5	1.2	1.9	3.2	0.0	2.4	0.0
THAILAND, Khon Kaen (1993-2012)	5	0.7	0.3	1.1	6	0.6	0.3	0.9	0.4	1.6	0.0	0.3
THAILAND, Lampang (1993-2013)	2	0.6	1.2	0.0	3	0.7	1.3	0.0	0.0	1.0	0.9	0.9

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries



### IIIA. Ependymomas and choroid plexus tumour

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
THAILAND, Songkhla (1994-2013)	6	1.0	0.6	1.5	6	0.8	0.5	1.1	2.0	0.0	0.9	0.0
TURKEY, paediatric (2009-2011)	100	1.9	1.9	1.9	-	-	-	-	3.4	1.1	0.9	-
TURKEY, 8 registries (1992-2012)	131	3.6	4.4	2.9	165	3.4	4.0	2.6	6.5	1.6	2.1	2.4
TURKEY, Ankara (2008-2012)	14	2.9	3.9	1.8	17	2.6	3.5	1.7	5.2	1.7	1.1	1.7
TURKEY, Antalya (1998-2012)	29	5.1	5.2	5.0	37	4.8	5.3	4.3	9.5	1.0	3.8	3.9
TURKEY, Bursa (2004-2012)	13	2.7	2.7	2.7	16	2.5	2.6	2.4	4.2	2.4	1.1	1.7
TURKEY, Erzurum (2006-2012)	4	2.8	2.4	3.1	5	2.6	2.7	2.4	5.8	0.0	1.7	1.9
TURKEY, İzmir (1992-2012)	54	3.7	4.6	2.8	70	3.5	4.2	2.7	6.2	2.1	2.1	2.6
TURKEY, Samsun (2003-2012)	10	4.1	6.3	1.7	13	3.8	5.3	2.2	9.9	0.0	0.9	2.6
TURKEY, Trabzon (2003-2012)	6	3.9	6.6	1.1	6	3.0	5.1	0.9	6.2	1.7	3.2	0.0
VIET NAM, Ho Chi Minh City (1995-2013)	11	0.5	0.6	0.4	13	0.4	0.5	0.3	0.7	0.2	0.4	0.2
<b>EUROPE</b>												
AUSTRIA (1990-2012)	99	3.4	3.5	3.3	111	2.9	3.1	2.7	5.2	1.8	2.7	1.1
BELARUS, paediatric (1990-2014)	110	2.7	3.0	2.4	133	2.4	2.6	2.1	4.6	1.5	1.6	1.3
BELGIUM (2004-2013)	89	5.3	4.8	5.8	110	4.8	4.7	5.0	10.0	1.7	2.9	3.3
BULGARIA (1990-2013)	35	1.2	1.1	1.3	54	1.3	1.2	1.4	1.7	0.7	1.1	1.5
CROATIA (2001-2014)	40	4.8	5.0	4.7	45	4.1	4.3	3.8	9.6	1.6	2.1	1.4
CYPRUS, South-West (1998-2012)	5	2.9	2.2	3.5	5	2.2	1.7	2.7	7.4	0.0	0.0	0.0
CZECH REPUBLIC (1990-2012)	165	4.5	4.5	4.4	201	3.9	4.0	3.9	6.8	3.1	2.8	2.2
ESTONIA (1990-2012)	30	5.9	7.5	4.3	32	4.8	6.0	3.5	11.2	3.6	1.4	0.9
FRANCE, paediatric (2000-2012)	530	3.8	4.3	3.3	-	-	-	-	6.2	2.4	2.2	-
FRANCE, 13 registries (1993-2012)	94	3.2	3.6	2.8	113	2.9	3.3	2.4	5.2	2.6	1.3	1.7
FRANCE, Bas-Rhin (1993-2011)	9	2.6	3.4	1.7	9	2.0	2.7	1.3	4.1	2.4	0.8	0.0
FRANCE, Calvados (1990-2012)	11	4.0	4.2	3.7	15	3.9	4.5	3.3	5.3	4.1	2.0	3.7
FRANCE, Doubs (1993-2012)	6	3.2	3.3	3.1	7	2.8	3.2	2.4	4.6	3.1	1.5	1.4
FRANCE, Gironde (2008-2012)	5	4.2	6.5	1.9	5	3.3	5.0	1.5	7.2	2.4	2.3	0.0
FRANCE, Haut-Rhin (1993-2012)	9	3.8	5.7	1.7	11	3.4	5.4	1.4	8.8	1.1	0.0	2.2
FRANCE, Hérault (1993-2012)	12	3.8	4.3	3.2	14	3.3	4.0	2.5	5.5	2.7	2.6	1.6
FRANCE, Isère (1993-2012)	18	4.1	3.4	4.8	22	3.7	2.9	4.6	5.4	3.3	3.3	2.6
FRANCE, Loire-Atlantique and Vendée (1998-2012)	11	2.3	2.5	2.1	15	2.3	2.7	1.9	4.1	2.3	0.0	2.3
FRANCE, Manche (1994-2012)	7	4.4	3.5	5.3	7	3.4	2.7	4.1	7.3	3.4	1.6	0.0
FRANCE, Somme (1993-2012)	4	2.1	3.1	1.1	4	1.6	2.4	0.9	4.3	1.4	0.0	0.0
GERMANY, paediatric (1996-2012)	705	3.8	4.1	3.6	-	-	-	-	6.7	2.0	2.0	-
GERMANY, 6 Eastern registries (2001-2007)	37	2.9	3.1	2.7	51	2.7	2.6	2.7	5.2	0.7	2.2	1.9
GERMANY, 5 Western registries (1994-2012)	180	4.1	4.3	3.8	207	3.5	3.6	3.3	7.1	2.4	1.9	1.4
GERMANY, Bavaria (2002-2012)	71	3.8	3.9	3.8	86	3.4	3.4	3.5	6.5	1.9	2.4	2.0
GERMANY, Lower Saxony (2003-2012)	41	4.1	5.5	2.7	45	3.4	4.5	2.3	8.3	2.3	0.7	0.9
GERMANY, Rhine-Pfalz (1998-2012)	30	3.8	3.9	3.7	34	3.2	3.3	3.1	7.0	2.3	1.2	1.2
GERMANY, Saarland (1994-2012)	15	5.5	5.0	6.0	17	4.7	4.3	5.1	6.1	5.3	4.9	1.9
GERMANY, Schleswig-Holstein (2000-2012)	23	4.7	3.9	5.4	25	3.8	3.3	4.4	7.9	2.7	2.5	1.0
GREECE, paediatric specialized (2010-2014)	25	3.4	3.7	3.0	-	-	-	-	6.9	1.1	1.1	-
HUNGARY, paediatric (1991-2014)	156	4.3	4.7	3.8	-	-	-	-	7.4	2.4	2.2	-
ICELAND (1990-2014)	3	1.7	2.2	1.1	4	1.7	2.5	0.8	0.0	1.8	3.7	1.8
IRELAND (1994-2012)	49	3.1	4.0	2.1	63	2.9	3.7	2.1	4.7	2.2	1.9	2.4
ITALY, 2 paediatric registries (1998-2011)	50	6.3	7.1	5.5	61	5.8	6.0	5.6	11.3	3.2	3.2	3.8
ITALY, Marche, paediatric (1998-2007)	9	5.2	5.4	4.9	12	5.0	4.8	5.1	9.5	3.1	1.5	4.3
ITALY, Piedmont, paediatric (1990-2011)	74	6.7	6.0	7.5	-	-	-	-	10.8	4.9	3.2	-
ITALY, Piedmont, paediatric (2000-2011)	41	6.7	7.6	5.7	49	6.0	6.3	5.7	11.7	3.2	3.7	3.7
ITALY, 26 registries (1992-2013)	156	4.0	4.2	3.8	185	3.5	3.6	3.4	6.1	3.0	2.4	1.9
ITALY, Brescia (1999-2012)	2	0.9	0.8	1.0	2	0.7	0.6	0.8	1.3	0.0	1.4	0.0
ITALY, Catania (2003-2013)	9	2.9	2.1	3.8	10	2.4	2.0	3.0	3.9	2.8	1.7	0.8
ITALY, Friuli-Venezia Giulia (1995-2010)	8	3.9	4.7	3.1	10	3.6	4.2	3.0	9.2	0.0	1.3	2.5
ITALY, Milan (1999-2007)	9	7.0	10.6	3.1	11	6.5	9.3	3.6	6.3	7.2	7.6	5.0
ITALY, Modena (1990-2012)	4	2.1	2.1	2.2	5	2.0	1.6	2.4	3.1	0.0	3.2	1.4
ITALY, Naples (1996-2012)	12	5.6	8.0	3.1	13	4.6	6.2	3.0	9.2	6.3	0.0	1.2
ITALY, Parma (1992-2013)	2	2.1	4.1	0.0	3	2.2	3.1	1.2	5.4	0.0	0.0	2.6
ITALY, Ragusa (1992-2012)	4	3.4	6.5	0.0	5	3.0	5.1	0.9	7.1	0.0	2.1	2.0
ITALY, Reggio Emilia (1996-2012)	3	2.5	3.2	1.7	3	1.9	2.5	1.3	0.0	5.2	2.8	0.0
ITALY, Romagna (1990-2012)	9	3.1	4.0	2.2	10	2.6	3.5	1.7	3.1	3.2	3.1	0.9
ITALY, Salerno (1997-2009)	8	4.0	4.7	3.3	9	3.4	4.2	2.6	8.3	2.6	0.0	1.1
ITALY, Sassari (1992-2011)	4	2.9	0.0	5.9	4	2.2	0.0	4.6	0.0	7.0	2.1	0.0
ITALY, Turin (1992-2012)	10	4.6	0.9	8.6	11	3.9	1.2	6.7	5.3	4.2	4.2	1.3
ITALY, Umbria (1994-2011)	11	6.0	3.4	8.8	11	4.7	2.7	6.8	9.6	1.6	6.2	0.0
ITALY, Varese (1992-2012)	8	3.6	5.2	1.9	10	3.3	4.5	2.0	5.1	3.9	1.3	2.3
ITALY, Veneto (1992-2009)	29	5.0	5.3	4.8	34	4.4	4.7	4.1	7.4	3.6	3.5	2.3
LITHUANIA (2000-2012)	14	2.0	3.0	0.9	19	1.9	2.5	1.3	1.5	3.1	1.4	1.6
MALTA (1994-2013)	2	1.8	3.5	0.0	2	1.4	2.7	0.0	4.6	0.0	0.0	0.0
THE NETHERLANDS (1993-2013)	234	4.0	4.5	3.5	285	3.7	4.1	3.3	6.3	2.6	2.6	2.5
NORWAY (1990-2013)	84	4.2	4.2	4.3	101	3.8	3.9	3.8	7.7	2.3	1.9	2.4
POLAND (2001-2013)	226	3.0	3.4	2.6	300	2.8	3.1	2.5	4.7	2.1	1.9	2.1
POLAND, Greater Poland (1999-2013)	31	3.6	3.7	3.4	42	3.4	3.5	3.3	4.7	2.4	3.3	2.8
POLAND, Kielce (1990-2013)	11	1.9	2.8	0.9	19	2.3	3.6	0.9	1.3	2.2	2.4	3.5
POLAND, Lower Silesia (2000-2013)	12	2.2	2.6	1.9	17	2.1	2.5	1.8	4.3	1.0	0.9	1.8
POLAND, Lublin (1999-2013)	27	5.4	6.8	4.0	31	4.6	5.6	3.5	7.9	6.1	1.4	1.6
PORTUGAL (1991-2012)	118	4.7	5.0	4.5	136	4.1	4.4	3.7	8.4	2.1	2.7	1.8
PORTUGAL, Centre (2000-2010)	16	4.7	6.2	3.1	18	4.0	5.1	2.7	9.8	1.5	1.5	1.3
PORTUGAL, North (1991-2010)	41	3.9	4.1	3.7	49	3.4	3.8	3.1	7.0	1.6	2.4	1.8
PORTUGAL, South (1998-2012)	57	5.5	5.4	5.5	65	4.7	4.8	4.6	9.1	3.0	3.3	2.0
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	29	3.6	3.3	3.9	-	-	-	-	4.9	3.8	1.7	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	29	2.8	2.9	2.7	34	2.4	2.6	2.2	5.1	2.0	0.7	1.0
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	8	3.1	3.0	3.2	9	2.6	2.7	2.4	7.0	1.2	0.0	0.9
RUSSIAN FEDERATION, Samara (1998-2015)	21	2.7	2.8	2.5	25	2.3	2.5	2.1	4.4	2.2	0.9	1.0
SLOVAKIA (1990-2009)	78	4.0	4.5	3.4	94	3.5	3.9	3.0	6.2	2.4	2.7	1.8
SLOVAKIA, paediatric (2000-2012)	33	2.9	4.3	1.3	-	-	-	-	3.7	1.8	2.9	-
SLOVENIA (1991-2012)	29	4.8	4.0	5.7	31	3.9	3.1	4.7	9.7	2.2	1.2	0.7

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

### IIIa. Ependymomas and choroid plexus tumour

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
SPAIN, 2 paediatric registries (1991-2013)	197	4.3	4.7	3.8	-	-	-	-	6.7	2.7	2.7	-
SPAIN, Selected regions, paediatric (2000-2013)	144	4.3	4.7	3.9	-	-	-	-	6.9	2.4	2.9	-
SPAIN, Valencia, paediatric (1991-2010)	53	4.2	4.9	3.4	-	-	-	-	6.2	3.4	2.4	-
SPAIN, 11 registries (1990-2013)	110	3.8	4.8	2.7	140	3.4	4.4	2.5	6.6	2.1	1.8	2.3
SPAIN, Asturias (1992-2010)	7	3.9	4.5	3.3	9	3.4	4.2	2.5	8.9	1.4	0.0	1.7
SPAIN, Balearic Islands (1990-2012)	12	4.8	7.3	2.2	15	4.4	6.5	2.2	7.9	3.5	2.2	3.0
SPAIN, Basque Country (1990-2012)	18	3.1	3.5	2.5	26	3.0	3.4	2.6	5.3	2.4	0.8	2.8
SPAIN, Canary Islands (1993-2011)	20	5.0	5.8	4.1	24	4.3	5.1	3.4	10.0	1.9	1.7	2.0
SPAIN, Girona (1990-2013)	14	6.5	8.5	4.4	16	5.6	7.1	4.0	12.7	2.7	2.5	2.3
SPAIN, Granada (1992-2013)	12	3.7	4.4	3.0	14	3.2	3.4	3.1	4.7	2.7	3.4	1.5
SPAIN, Murcia (1991-2009)	9	2.2	2.9	1.5	13	2.3	3.0	1.4	2.9	2.2	1.3	2.4
SPAIN, Navarra (1990-2010)	6	3.5	5.4	1.4	9	3.6	6.0	1.1	3.6	3.6	3.3	4.2
SPAIN, Tarragona (1990-2011)	8	3.8	4.7	2.8	8	2.9	3.7	2.2	6.8	0.0	3.9	0.0
SWEDEN (1990-2011)	147	4.4	5.0	3.7	182	4.1	4.5	3.5	6.6	3.4	2.5	2.9
SWITZERLAND, paediatric (1990-2013)	98	3.7	4.1	3.4	-	-	-	-	7.0	2.2	1.1	-
SWITZERLAND, 7 registries (1990-2013)	47	4.7	5.1	4.2	59	4.4	4.7	4.0	7.4	3.7	2.3	3.3
SWITZERLAND, Geneva (1993-2013)	5	3.5	3.7	3.2	6	3.2	3.8	2.5	4.1	4.1	2.1	2.0
SWITZERLAND, Vaud (1993-2012)	7	3.4	2.9	4.0	9	3.3	2.3	4.3	5.5	4.0	0.0	2.6
SWITZERLAND, Zurich (1993-2013)	19	4.9	6.0	3.8	24	4.7	5.6	3.6	8.6	2.2	3.0	3.7
UKRAINE (2002-2012)	158	2.2	2.5	2.0	194	2.0	2.1	1.8	2.9	2.3	1.2	1.0
UK (2000-2011)	379	3.1	3.4	2.8	432	2.7	2.9	2.4	5.1	2.2	1.3	1.1
UK, England (1990-2013)	597	2.8	3.2	2.5	683	2.5	2.8	2.1	4.7	2.0	1.3	1.2
UK, England and Wales, paediatric (1991-2010)	696	3.8	4.2	3.3	-	-	-	-	6.1	2.5	2.1	-
UK, Northern Ireland (1993-2013)	39	5.6	5.6	5.5	45	4.8	4.8	4.8	10.0	3.9	1.5	2.2
UK, Scotland (1991-2013)	63	3.3	3.6	2.9	74	2.9	3.0	2.8	5.7	2.0	1.5	1.5
UK, Wales (2000-2011)	25	4.3	5.3	3.2	26	3.4	4.3	2.5	6.5	3.8	1.8	0.4
<b>OCEANIA</b>												
AUSTRALIA (1992-2014)	265	3.2	3.6	2.8	320	2.9	3.2	2.6	5.6	2.1	1.4	1.8
AUSTRALIA, Indigenous (1992-2014)	5	2.1	2.5	1.7	5	1.7	2.0	1.3	3.5	1.2	1.4	0.0
AUSTRALIA, Australian Capital Territory (1992-2012)	3	2.2	2.6	1.7	3	1.7	2.0	1.3	2.2	2.2	2.1	0.0
AUSTRALIA, New South Wales (1992-2012)	85	3.3	3.5	3.2	104	3.0	3.0	3.1	6.3	1.6	1.2	2.0
AUSTRALIA, Queensland (1992-2013)	45	2.7	3.0	2.5	51	2.4	2.6	2.1	4.4	1.7	1.7	1.0
AUSTRALIA, South Australia (1992-2012)	15	2.6	2.1	3.2	17	2.3	2.0	2.5	4.5	1.5	1.4	0.9
AUSTRALIA, Tasmania (1992-2013)	8	3.9	3.8	4.1	11	4.0	3.0	5.0	5.6	5.4	0.0	4.0
AUSTRALIA, Victoria (1992-2014)	70	3.3	3.8	2.9	85	3.0	3.5	2.5	5.5	2.7	1.2	2.0
AUSTRALIA, Western Australia (1992-2014)	36	4.1	5.8	2.3	46	3.9	5.0	2.6	7.6	1.9	1.9	3.1
FRANCE, 2 registries (1990-2013)	7	2.5	1.4	3.7	7	1.9	1.1	2.9	4.0	2.9	0.0	0.0
FRANCE, New Caledonia (1990-2013)	5	3.6	2.8	4.4	5	2.8	2.2	3.4	4.2	6.0	0.0	0.0
NEW ZEALAND (1993-2012)	48	2.9	3.1	2.6	58	2.6	2.9	2.3	4.1	2.9	1.2	1.7
NEW ZEALAND, API (1993-2012)	4	2.6	2.6	2.7	4	2.0	2.0	2.1	3.6	1.9	2.1	0.0
NEW ZEALAND, Maori (1993-2012)	9	2.1	3.2	1.0	10	1.8	2.9	0.8	3.2	2.1	0.7	0.8
NEW ZEALAND, Other (1993-2012)	35	3.2	3.1	3.3	44	2.9	2.9	3.0	4.5	3.3	1.2	2.1
NEW ZEALAND, paediatric (2000-2012)	38	3.4	3.6	3.3	-	-	-	-	5.2	2.4	2.3	-
NEW ZEALAND, paediatric, Maori (2000-2012)	6	2.1	3.5	0.7	-	-	-	-	2.9	2.1	1.1	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	32	3.9	3.6	4.2	-	-	-	-	6.1	2.4	2.6	-

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