

## Xa. Intracranial and intraspinal germ cell tumours

	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)	4	0.2	0.3	0.1	4	0.2	0.2	0.1	0.0	0.2	0.5	0.0
ALGERIA, Algiers (2008-2012)	3	0.8	1.0	0.6	3	0.6	0.8	0.5	0.0	0.9	1.8	0.0
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)	1	0.4	0.7	0.0	1	0.3	0.6	0.0	0.0	0.0	1.3	0.0
BOTSWANA (1999-2007)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAMEROON, Yaoundé (2004-2006)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EGYPT, Gharbiah (1999-2010)	2	0.1	0.2	0.0	4	0.2	0.3	0.0	0.0	0.0	0.4	0.4
FRANCE, Réunion (1990-2011)	6	1.3	1.2	1.3	8	1.3	1.5	1.0	0.0	2.7	1.3	1.4
KENYA, 2 registries (2000-2012)	-	0.0	0.0	0.0	1	0.1	0.2	0.0	0.0	0.0	0.0	0.3
KENYA, Eldoret (2000-2011)	-	0.0	0.0	0.0	1	0.2	0.4	0.0	0.0	0.0	0.0	0.9
KENYA, Nairobi (2006-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIBYA, Benghazi (2003-2008)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	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)	2	0.5	0.0	1.0	2	0.4	0.0	0.7	0.0	0.8	0.7	0.0
MOROCCO, 2 registries (2005-2012)	3	0.3	0.4	0.3	4	0.3	0.4	0.2	0.3	0.0	0.6	0.3
MOROCCO, Casablanca (2005-2012)	3	0.4	0.4	0.3	4	0.4	0.5	0.2	0.4	0.0	0.7	0.3
SOUTH AFRICA, paediatric (1998-2012)	16	0.1	0.1	0.1	-	-	-	-	0.0	0.1	0.1	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	2	0.5	0.6	0.4	-	-	-	-	0.8	0.0	0.7	-
SOUTH AFRICA, paediatric, Black (1998-2012)	6	0.0	0.0	0.1	-	-	-	-	0.0	0.0	0.0	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	1	0.0	0.1	0.0	-	-	-	-	0.0	0.0	0.2	-
SOUTH AFRICA, paediatric, White (1998-2012)	7	0.5	0.7	0.3	-	-	-	-	0.0	0.8	0.9	-
TUNISIA, 2 registries (1993-2007)	2	0.1	0.1	0.1	3	0.1	0.1	0.1	0.0	0.2	0.1	0.1
TUNISIA, Central (1993-2007)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUNISIA, North (1994-2006)	2	0.1	0.1	0.1	3	0.1	0.1	0.1	0.0	0.2	0.2	0.2
UGANDA, Kampala (1996-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ZIMBABWE, Harare (1995-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>AMERICA, LATIN AND THE CARIBBEAN</b>												
ARGENTINA, paediatric (2000-2013)	108	0.7	0.8	0.5	-	-	-	-	0.1	0.6	1.6	-
ARGENTINA, 6 registries (1991-2013)	25	1.1	1.4	0.8	26	0.9	1.1	0.6	0.6	1.1	1.7	0.1
ARGENTINA, Chaco (2002-2012)	2	0.5	0.5	0.5	2	0.4	0.4	0.4	0.0	0.8	0.8	0.0
ARGENTINA, Córdoba (2004-2012)	12	1.5	2.2	0.9	13	1.3	1.7	0.8	0.8	1.6	2.4	0.4
ARGENTINA, Entre Ríos (2001-2011)	3	0.8	1.0	0.6	3	0.6	0.8	0.4	0.0	0.9	1.7	0.0
ARGENTINA, Mendoza (2003-2012)	6	1.2	1.5	0.9	6	0.9	1.2	0.7	0.7	0.7	2.6	0.0
ARGENTINA, Neuquén (2003-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRAZIL, 5 registries (1995-2012)	15	0.8	1.3	0.2	22	0.8	1.3	0.3	0.3	0.8	1.2	1.0
BRAZIL, Aracaju (1996-2012)	2	0.8	1.6	0.0	2	0.6	1.2	0.0	0.0	1.4	1.2	0.0
BRAZIL, Belo Horizonte (2000-2006)	4	1.0	1.3	0.6	5	0.9	1.0	0.7	0.8	0.8	1.5	0.6
BRAZIL, Curitiba (1998-2010)	5	0.9	1.7	0.0	8	1.0	2.0	0.0	0.6	0.6	1.6	1.5
BRAZIL, Goiânia (1995-2011)	4	0.7	1.1	0.4	7	0.9	1.3	0.5	0.0	1.2	1.1	1.5
BRAZIL, João Pessoa (1999-2010)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHILE, paediatric (2007-2011)	24	1.2	1.7	0.7	-	-	-	-	0.7	1.3	1.8	-
CHILE, 4 registries (1998-2012)	1	0.2	0.3	0.0	3	0.4	0.8	0.0	0.0	0.0	0.6	1.2
COLOMBIA, 4 registries (1992-2013)	9	0.5	0.7	0.2	14	0.5	0.9	0.2	0.0	0.5	1.0	0.8
COLOMBIA, Bucaramanga (2000-2012)	3	0.7	1.4	0.0	4	0.7	1.4	0.0	0.0	0.0	2.4	0.8
COLOMBIA, Cali (1992-2013)	6	0.5	0.6	0.3	10	0.6	0.9	0.2	0.0	0.8	0.7	1.0
COSTA RICA (1993-2012)	11	0.4	0.7	0.2	13	0.4	0.6	0.1	0.3	0.5	0.6	0.3
CUBA (2000-2012)	5	0.2	0.2	0.2	8	0.2	0.2	0.2	0.1	0.1	0.3	0.3
ECUADOR, 5 registries (1993-2013)	8	0.4	0.6	0.2	11	0.4	0.6	0.1	0.6	0.1	0.4	0.4
ECUADOR, Cuenca (1996-2013)	2	0.8	0.9	0.7	2	0.6	0.7	0.5	1.2	0.0	1.2	0.0
ECUADOR, Guayaquil (2008-2012)	1	0.3	0.5	0.0	1	0.2	0.4	0.0	0.0	0.0	0.9	0.0
ECUADOR, Manabí (1995-2011)	1	0.1	0.3	0.0	2	0.2	0.4	0.0	0.0	0.4	0.0	0.4
ECUADOR, Quito (1993-2012)	2	0.2	0.5	0.0	4	0.4	0.7	0.0	0.4	0.0	0.4	0.7
FRANCE, 3 registries (1990-2012)	4	1.3	0.5	2.2	4	1.0	0.4	1.7	2.0	1.0	0.9	0.0
HONDURAS, Francisco Morazán (2002-2012)	3	0.4	0.3	0.5	3	0.3	0.2	0.4	0.0	0.0	1.3	0.0
JAMAICA, Kingston and St Andrew (1982-2012)	2	0.3	0.3	0.3	2	0.3	0.3	0.3	0.0	1.0	0.0	0.0
MEXICO, Mexico City, paediatric (1997-2013)	24	1.8	2.8	0.8	-	-	-	-	0.5	1.2	4.3	-
PERU, Lima (2010-2012)	1	0.1	0.2	0.0	2	0.2	0.4	0.0	0.0	0.0	0.4	0.4
PERU, Trujillo (1990-2002)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA, Puerto Rico (1992-2012)	14	0.7	1.3	0.1	19	0.7	1.3	0.2	0.4	0.8	1.1	0.8
URUGUAY (1993-2012)	7	0.4	0.6	0.2	10	0.5	0.6	0.4	0.2	0.6	0.6	0.6
<b>AMERICA, NORTH</b>												
CANADA, 9 registries (1992-2013)	181	1.4	1.9	0.9	285	1.7	2.5	0.8	0.7	1.0	2.9	2.5
CANADA, Alberta (1992-2013)	23	1.5	2.3	0.7	34	1.7	2.7	0.5	0.4	1.7	2.7	2.2
CANADA, British Columbia (1992-2013)	38	2.2	3.3	1.0	58	2.5	3.8	1.0	0.8	1.7	4.5	3.4
CANADA, Manitoba (1992-2013)	6	1.1	1.0	1.2	9	1.2	1.5	0.9	0.6	1.1	1.7	1.6
CANADA, Nova Scotia (1992-2013)	6	1.5	1.8	1.2	9	1.6	2.3	0.9	0.9	0.0	3.9	2.2
CANADA, Ontario (1992-2012)	73	1.4	1.8	1.1	120	1.7	2.5	1.0	0.7	1.0	2.8	2.8
CANADA, Quebec (1992-2010)	29	1.1	1.5	0.6	45	1.2	1.9	0.6	0.8	0.6	2.0	1.7
CANADA, Saskatchewan (1992-2013)	6	1.1	1.4	0.7	10	1.4	2.1	0.6	0.0	0.0	3.7	2.4
USA (1998-2012)	1494	1.6	1.9	1.2	2257	1.8	2.4	1.1	1.0	1.3	2.7	2.4
USA, API (1998-2012)	124	2.6	3.2	1.9	186	2.9	4.0	1.7	1.0	1.9	5.5	4.0
USA, Black (1998-2012)	136	0.9	0.9	0.8	226	1.1	1.4	0.8	0.7	0.7	1.3	1.8
USA, Hispanic White (1998-2012)	294	1.7	2.3	1.0	428	1.9	2.7	1.0	0.9	1.3	3.2	2.6
USA, Native American (1998-2012)	12	0.8	1.0	0.6	15	0.7	1.0	0.4	0.6	0.2	1.6	0.6
USA, NH White (1998-2012)	885	1.6	1.9	1.3	1349	1.8	2.3	1.2	1.1	1.3	2.6	2.4
USA, NPCR (1998-2012)	1437	1.6	1.9	1.2	2165	1.8	2.4	1.1	1.0	1.3	2.7	2.4
USA, NPCR, API (1998-2012)	110	2.5	3.1	1.9	164	2.8	3.9	1.7	1.1	1.8	5.3	3.8
USA, NPCR, Black (1998-2012)	136	0.9	1.0	0.8	224	1.1	1.4	0.8	0.7	0.7	1.4	1.7
USA, NPCR, Hispanic White (1998-2012)	289	1.7	2.3	1.1	420	1.9	2.8	1.0	0.9	1.3	3.3	2.6
USA, NPCR, Native American (1998-2012)	12	0.8	1.1	0.6	15	0.8	1.1	0.5	0.7	0.2	1.7	0.6
USA, NPCR, NH White (1998-2012)	847	1.6	1.9	1.3	1289	1.8	2.3	1.2	1.1	1.3	2.6	2.4
USA, SEER 18 (1993-2012)	449	1.4	1.9	1.0	714	1.7	2.5	0.9	0.6	1.2	2.9	2.8
USA, SEER 18, API (1993-2012)	74	2.5	2.9	2.2	129	3.3	4.4	2.2	0.4	2.1	5.8	6.1

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Xa. Intracranial and intraspinal germ cell tumours

	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)	29	0.6	0.6	0.7	61	1.0	1.3	0.7	0.4	0.4	1.3	2.3
USA, SEER 18, Hispanic White (1993-2012)	122	1.6	2.4	0.8	175	1.8	2.7	0.8	0.5	1.1	3.5	2.4
USA, SEER 18, Native American (1993-2012)	1	0.2	0.3	0.0	1	0.1	0.2	0.0	0.0	0.0	0.5	0.0
USA, SEER 18, NH White (1993-2012)	222	1.5	2.0	1.0	346	1.7	2.5	0.9	0.7	1.3	2.6	2.5
USA, SEER 9, Black (1993-2012)	15	0.9	0.7	1.0	28	1.2	1.4	1.0	0.9	0.3	1.4	2.4
USA, SEER 9, White (1993-2012)	117	1.3	1.8	0.9	180	1.5	2.3	0.8	0.7	1.0	2.6	2.3
USA, Alabama (1998-2012)	24	1.6	2.3	0.8	29	1.5	2.1	0.8	0.4	2.0	2.7	1.0
USA, Alabama, Black (1998-2012)	5	1.2	1.3	1.0	5	0.9	1.0	0.8	1.4	1.4	0.6	0.0
USA, Alabama, NH White (1998-2012)	15	1.5	2.4	0.6	20	1.5	2.3	0.8	0.0	1.7	3.3	1.6
USA, Alaska (1998-2012)	2	0.9	0.7	1.1	5	1.5	2.2	0.8	1.3	0.0	1.2	3.8
USA, Alaska, NH White (1998-2012)	-	0.0	0.0	0.0	3	1.4	2.6	0.0	0.0	0.0	0.0	6.1
USA, Arizona (1998-2012)	34	1.7	2.0	1.4	55	2.1	2.8	1.3	1.1	1.3	3.0	3.4
USA, Arizona, Hispanic White (1998-2012)	14	1.9	2.7	1.1	22	2.3	3.7	0.9	1.2	1.3	3.6	3.8
USA, Arizona, NH White (1998-2012)	17	1.8	1.8	1.8	28	2.2	2.5	1.8	0.7	1.7	3.3	3.6
USA, Arkansas (1998-2012)	16	1.9	2.1	1.6	24	2.0	2.8	1.2	2.1	1.4	2.0	2.7
USA, Arkansas, Black (1998-2012)	1	0.7	0.0	1.3	4	1.6	2.2	1.0	1.7	0.0	0.0	4.9
USA, Arkansas, NH White (1998-2012)	10	1.8	1.6	1.9	15	1.9	2.3	1.5	2.6	1.5	1.0	2.3
USA, California (1998-2012)	218	1.7	2.4	1.1	348	2.1	3.1	1.1	0.8	1.4	3.4	3.3
USA, California, API (1998-2012)	38	2.4	2.8	2.0	75	3.5	4.8	2.1	0.4	1.9	5.5	7.2
USA, California, Black (1998-2012)	5	0.4	0.3	0.5	12	0.8	1.0	0.6	0.0	0.3	1.2	2.1
USA, California, Hispanic White (1998-2012)	97	1.8	2.6	0.8	141	2.0	3.0	0.9	0.6	1.1	4.1	2.7
USA, California, NH White (1998-2012)	77	1.9	2.5	1.3	119	2.2	3.1	1.1	1.4	1.9	2.6	3.0
USA, California, Greater California (2000-2012)	91	1.5	2.0	0.9	152	1.8	2.7	0.9	0.6	1.3	2.8	3.1
USA, California, Greater California, API (2000-2012)	14	2.2	2.4	2.0	27	3.1	3.6	2.7	0.0	1.1	6.3	6.4
USA, California, Greater California, Black (2000-2012)	4	0.8	0.8	0.9	6	1.0	0.9	1.0	0.0	0.8	2.1	1.4
USA, California, Greater California, Hispanic White (2000-2012)	39	1.5	2.3	0.7	58	1.7	2.7	0.6	0.5	1.1	3.2	2.5
USA, California, Greater California, NH White (2000-2012)	34	1.5	2.1	1.0	61	1.9	3.0	0.8	1.1	1.7	1.9	3.3
USA, California, Los Angeles (1993-2012)	81	1.8	2.3	1.2	121	2.0	2.8	1.2	0.6	1.3	3.7	2.9
USA, California, Los Angeles, API (1993-2012)	15	2.9	1.8	4.2	28	3.9	4.1	3.7	1.3	2.6	5.4	7.4
USA, California, Los Angeles, Black (1993-2012)	-	0.0	0.0	0.0	3	0.4	0.6	0.3	0.0	0.0	0.0	1.9
USA, California, Los Angeles, Hispanic White (1993-2012)	45	1.8	2.7	0.8	62	1.9	2.9	0.9	0.2	1.2	4.5	2.4
USA, California, Los Angeles, NH White (1993-2012)	21	2.2	3.3	1.2	28	2.3	3.4	1.1	1.7	2.0	3.3	2.3
USA, California, San Francisco (1993-2012)	27	1.6	2.2	1.0	49	2.3	3.6	0.9	0.2	1.0	4.2	4.6
USA, California, San Francisco, API (1993-2012)	9	2.3	4.0	0.5	17	3.3	6.1	0.4	0.0	1.7	5.9	6.9
USA, California, San Francisco, Black (1993-2012)	2	0.9	0.8	0.9	5	1.7	2.7	0.7	0.0	0.0	3.0	4.7
USA, California, San Francisco, Hispanic White (1993-2012)	5	1.3	2.1	0.5	9	1.8	3.1	0.4	0.0	0.8	3.6	3.6
USA, California, San Francisco, NH White (1993-2012)	11	1.7	1.7	1.6	18	2.1	2.7	1.5	0.5	1.0	4.0	3.7
USA, California, San Francisco, White (1993-2012)	16	1.5	1.8	1.2	27	2.0	2.9	1.1	0.3	0.9	3.8	3.7
USA, California, San José (1993-2012)	24	2.3	3.3	1.2	39	2.8	4.4	1.1	0.8	2.4	4.0	4.7
USA, California, San José, API (1993-2012)	7	3.0	3.3	2.7	15	5.0	7.8	2.1	1.2	2.7	5.7	12.1
USA, California, San José, Hispanic White (1993-2012)	10	2.6	4.0	1.1	12	2.4	3.8	0.8	1.4	0.8	6.0	1.7
USA, California, San José, NH White (1993-2012)	7	1.9	3.2	0.6	11	2.2	3.5	0.8	0.0	4.4	1.7	3.3
USA, Colorado (1998-2012)	35	2.3	2.9	1.5	47	2.3	3.2	1.3	1.2	1.2	4.7	2.4
USA, Colorado, Hispanic White (1998-2012)	6	1.6	1.6	1.6	7	1.4	1.6	1.2	0.7	0.8	3.6	0.9
USA, Colorado, NH White (1998-2012)	26	2.6	3.6	1.7	37	2.8	4.1	1.4	1.7	1.3	5.3	3.3
USA, Connecticut (1993-2012)	16	1.1	1.5	0.8	27	1.4	2.2	0.6	0.9	1.3	1.3	2.4
USA, Connecticut, Black (1993-2012)	1	0.6	0.0	1.3	3	1.2	1.4	1.0	1.6	0.0	0.0	3.1
USA, Connecticut, Hispanic White (1993-2012)	2	1.2	1.1	1.3	2	0.9	0.8	1.0	1.6	1.7	0.0	0.0
USA, Connecticut, NH White (1993-2012)	12	1.2	1.8	0.6	21	1.6	2.6	0.4	0.7	1.2	1.8	2.8
USA, Connecticut, White (1993-2012)	14	1.2	1.7	0.7	23	1.5	2.3	0.5	0.9	1.3	1.5	2.4
USA, Delaware (1998-2012)	3	1.2	1.4	1.0	5	1.4	2.1	0.8	1.2	1.2	1.2	2.2
USA, Delaware, NH White (1998-2012)	2	1.2	2.4	0.0	4	1.7	3.4	0.0	0.0	2.0	1.9	3.5
USA, District of Columbia (1998-2012)	2	1.4	2.8	0.0	2	1.1	2.2	0.0	0.0	2.3	2.3	0.0
USA, Florida (1998-2012)	79	1.6	1.9	1.2	114	1.7	2.2	1.1	1.3	1.1	2.5	2.1
USA, Florida, Black (1998-2012)	6	0.5	0.7	0.4	11	0.7	0.9	0.5	0.8	0.0	0.8	1.3
USA, Florida, Hispanic White (1998-2012)	27	2.5	3.1	1.8	36	2.5	3.2	1.7	1.4	2.7	3.7	2.5
USA, Florida, NH White (1998-2012)	41	1.6	1.9	1.3	62	1.8	2.3	1.2	1.4	1.0	2.5	2.4
USA, Georgia (1998-2012)	43	1.4	1.6	1.2	68	1.7	2.1	1.2	1.0	1.0	2.3	2.5
USA, Georgia, Black (1998-2012)	10	0.9	0.7	1.2	18	1.2	1.4	1.0	0.9	0.6	1.4	2.2
USA, Georgia, Hispanic White (1998-2012)	2	0.8	0.8	0.7	5	1.6	1.8	1.4	0.9	0.0	1.5	4.4
USA, Georgia, NH White (1998-2012)	30	1.9	2.3	1.4	42	2.0	2.5	1.4	1.2	1.6	3.1	2.3
USA, Georgia, Atlanta (1993-2012)	15	1.1	1.4	0.8	23	1.3	2.0	0.6	0.9	0.9	1.6	2.0
USA, Georgia, Atlanta, Black (1993-2012)	7	1.2	1.3	1.2	9	1.2	1.5	0.9	1.6	0.5	1.6	1.1
USA, Georgia, Atlanta, Hispanic White (1993-2012)	-	0.0	0.0	0.0	2	1.3	2.2	0.0	0.0	0.0	0.0	5.6
USA, Georgia, Atlanta, NH White (1993-2012)	6	1.1	1.5	0.7	9	1.3	1.9	0.6	0.6	1.7	1.1	1.8
USA, Georgia, Atlanta, White (1993-2012)	6	0.9	1.2	0.6	11	1.3	2.0	0.5	0.4	1.4	1.0	2.5
USA, Georgia, Greater Georgia (2000-2012)	22	1.3	1.3	1.2	33	1.4	1.6	1.2	0.6	1.1	2.3	1.9
USA, Georgia, Greater Georgia, Black (2000-2012)	2	0.4	0.0	0.7	6	0.8	0.7	0.8	0.0	0.6	0.6	2.2
USA, Georgia, Greater Georgia, NH White (2000-2012)	18	1.7	2.0	1.3	23	1.6	2.1	1.2	0.6	1.6	3.3	1.5
USA, Hawaii (1993-2012)	17	3.1	4.2	1.9	27	3.8	5.4	2.1	0.6	3.0	6.5	6.1
USA, Hawaii, API (1993-2012)	13	3.0	4.1	1.9	23	4.1	5.8	2.2	0.0	3.9	6.0	7.7
USA, Hawaii, Hawaiian (1993-2012)	2	1.2	2.2	0.0	7	3.1	5.2	0.9	0.0	1.9	1.9	10.0
USA, Idaho (1998-2012)	2	0.5	0.0	1.0	6	0.9	1.0	0.7	1.2	0.0	0.0	2.4
USA, Idaho, NH White (1998-2012)	2	0.6	0.0	1.2	4	0.8	0.6	0.9	1.5	0.0	0.0	1.4
USA, Illinois (1998-2012)	58	1.4	1.7	1.1	99	1.8	2.5	1.0	0.8	1.5	2.1	3.0
USA, Illinois, API (1998-2012)	2	1.1	2.2	0.0	4	1.7	3.3	0.0	0.0	0.0	3.8	3.6
USA, Illinois, Black (1998-2012)	1	0.1	0.2	0.0	9	0.8	1.4	0.2	0.0	0.0	0.4	3.1
USA, Illinois, Hispanic White (1998-2012)	12	1.6	2.0	1.1	20	2.0	2.7	1.3	1.4	0.8	2.6	3.6
USA, Illinois, NH White (1998-2012)	42	1.8	2.0	1.5	65	2.0	2.7	1.3	0.9	2.3	2.4	2.8
USA, Indiana (1998-2012)	28	1.3	1.2	1.5	44	1.6	1.8	1.3	0.3	2.4	1.5	2.3
USA, Indiana, Black (1998-2012)	1	0.4	0.7	0.0	4	1.1	2.2	0.0	0.0	0.0	1.2	3.9
USA, Indiana, NH White (1998-2012)	20	1.2	1.1	1.4	33	1.5	1.7	1.2	0.4	2.1	1.3	2.3
USA, Iowa (1993-2012)	12	0.9	1.5	0.4	22	1.2	2.1	0.4	0.5	1.0	1.4	2.3
USA, Iowa, NH White (1993-2012)	11	1.0	1.5	0.4	19	1.2	2.1	0.3	0.6	1.2	1.3	2.0
USA, Iowa, White (1993-2012)	12	1.0	1.6	0.4	21	1.3	2.2	0.3	0.6	1.1	1.5	2.2

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Xa. Intracranial and intraspinal germ cell tumours

	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)	27	2.0	2.4	1.5	34	1.9	2.6	1.2	0.7	1.7	4.0	1.6
USA, Kentucky, NH White (1998-2012)	18	1.5	2.2	0.8	24	1.5	2.4	0.6	0.6	0.9	3.5	1.6
USA, Louisiana (1998-2012)	22	1.4	1.4	1.5	39	1.9	2.1	1.6	0.6	1.5	2.4	3.3
USA, Louisiana, Black (1998-2012)	3	0.5	0.6	0.3	10	1.1	1.6	0.7	0.0	0.5	1.0	3.4
USA, Louisiana, NH White (1998-2012)	17	2.0	1.8	2.3	25	2.2	2.2	2.3	1.2	1.6	3.7	2.8
USA, Maine (1998-2012)	12	2.9	4.8	0.9	15	2.7	4.6	0.7	1.0	0.9	7.7	2.2
USA, Maine, NH White (1998-2012)	12	3.1	5.0	1.0	14	2.7	4.6	0.8	1.0	0.9	8.2	1.6
USA, Maryland (1998-2012)	23	1.3	1.2	1.3	35	1.4	1.6	1.2	0.7	0.9	2.4	2.1
USA, Maryland, Black (1998-2012)	3	0.5	0.7	0.3	5	0.6	1.0	0.2	0.5	0.0	1.0	1.0
USA, Maryland, NH White (1998-2012)	12	1.2	1.3	1.1	20	1.5	1.7	1.3	0.4	1.0	2.5	2.5
USA, Massachusetts (1998-2012)	30	1.6	1.7	1.6	46	1.8	2.2	1.5	1.9	0.7	2.4	2.4
USA, Massachusetts, Black (1998-2012)	3	1.7	2.1	1.3	3	1.3	1.6	1.0	3.2	0.0	1.6	0.0
USA, Massachusetts, Hispanic White (1998-2012)	3	1.5	1.9	1.0	6	2.2	3.6	0.8	0.0	0.0	5.0	4.8
USA, Massachusetts, NH White (1998-2012)	21	1.6	1.5	1.6	33	1.8	2.0	1.5	1.7	0.9	2.1	2.4
USA, Michigan (1998-2012)	39	1.2	1.3	1.1	65	1.4	1.8	1.1	0.7	0.9	2.1	2.4
USA, Michigan, Black (1998-2012)	5	0.9	0.9	0.9	11	1.4	1.1	1.6	1.1	0.5	1.0	3.1
USA, Michigan, Hispanic White (1998-2012)	-	0.0	0.0	0.0	2	0.9	1.8	0.0	0.0	0.0	0.0	4.2
USA, Michigan, NH White (1998-2012)	30	1.2	1.4	1.1	48	1.5	1.9	1.0	0.6	1.1	2.3	2.2
USA, Michigan, Detroit (1993-2012)	21	1.1	1.5	0.8	35	1.5	2.0	0.8	0.6	0.5	2.6	2.6
USA, Michigan, Detroit, Black (1993-2012)	3	0.6	0.6	0.5	8	1.1	1.0	1.2	0.6	0.0	1.1	3.0
USA, Michigan, Detroit, NH White (1993-2012)	17	1.5	1.9	1.0	25	1.7	2.5	0.8	0.6	0.9	3.3	2.4
USA, Michigan, Detroit, White (1993-2012)	18	1.5	2.0	0.9	27	1.7	2.6	0.7	0.6	0.8	3.4	2.5
USA, Minnesota (1998-2012)	28	1.7	1.7	1.7	48	2.1	2.7	1.5	1.2	1.7	2.4	3.6
USA, Minnesota, NH White (1998-2012)	20	1.5	1.3	1.8	32	1.7	1.9	1.6	0.8	1.9	2.0	2.6
USA, Mississippi (2002-2012)	5	0.7	0.9	0.5	7	0.7	0.8	0.6	0.4	0.9	0.8	0.8
USA, Mississippi, Black (2002-2012)	3	1.0	1.9	0.0	3	0.8	1.5	0.0	1.0	1.0	0.9	0.0
USA, Mississippi, NH White (2002-2012)	2	0.5	0.0	1.1	4	0.8	0.3	1.2	0.0	0.9	0.8	1.6
USA, Missouri (1996-2012)	25	1.2	1.1	1.2	43	1.5	1.9	1.1	0.9	0.5	2.3	2.5
USA, Missouri, Black (1996-2012)	2	0.5	0.5	0.6	4	0.8	1.3	0.4	0.0	0.0	1.9	1.9
USA, Missouri, NH White (1996-2012)	20	1.2	1.3	1.1	36	1.6	2.1	1.0	1.2	0.4	2.2	2.8
USA, Montana (1998-2012)	3	1.0	0.7	1.2	4	1.0	0.5	1.4	0.0	1.1	2.0	1.0
USA, Montana, NH White (1998-2012)	3	1.1	0.8	1.4	4	1.1	0.6	1.6	0.0	1.3	2.4	1.1
USA, Nebraska (1998-2012)	15	2.6	3.1	2.1	20	2.6	3.3	1.9	2.7	1.1	4.2	2.5
USA, Nebraska, NH White (1998-2012)	10	2.3	3.1	1.5	14	2.3	3.2	1.5	2.9	1.4	2.6	2.4
USA, Nevada (1998-2012)	8	1.0	1.7	0.3	12	1.1	2.0	0.2	0.0	1.2	2.0	1.7
USA, Nevada, Hispanic White (1998-2012)	4	1.6	3.1	0.0	5	1.6	3.0	0.0	0.0	1.2	4.0	1.5
USA, Nevada, NH White (1998-2012)	2	0.5	0.5	0.6	5	1.0	1.5	0.4	0.0	1.7	0.0	2.5
USA, New Hampshire (1998-2012)	5	1.3	1.9	0.7	9	1.7	2.7	0.6	0.9	1.6	1.5	2.9
USA, New Hampshire, NH White (1998-2012)	5	1.4	2.0	0.8	9	1.8	2.9	0.6	1.0	1.8	1.6	3.1
USA, New Jersey (1998-2012)	41	1.5	2.2	0.7	69	1.9	2.9	0.8	0.7	1.3	2.7	3.3
USA, New Jersey, API (1998-2012)	3	1.3	2.6	0.0	3	1.0	2.0	0.0	0.0	0.0	4.5	0.0
USA, New Jersey, Black (1998-2012)	3	0.6	1.1	0.0	8	1.1	2.3	0.0	0.0	0.7	1.2	3.1
USA, New Jersey, Hispanic White (1998-2012)	11	2.5	3.6	1.4	15	2.6	4.0	1.1	1.9	2.2	3.7	2.9
USA, New Jersey, NH White (1998-2012)	23	1.4	1.9	0.9	41	1.9	2.7	1.1	0.4	1.4	2.7	3.7
USA, New Mexico (1993-2012)	10	1.1	1.6	0.7	13	1.1	1.4	0.9	0.7	1.1	1.7	1.0
USA, New Mexico, Hispanic White (1993-2012)	4	1.0	1.5	0.4	5	0.9	1.1	0.7	0.7	1.5	0.7	0.7
USA, New Mexico, NH White (1993-2012)	5	1.7	1.9	1.6	7	1.8	1.9	1.7	1.2	1.1	3.1	2.0
USA, New Mexico, White (1993-2012)	9	1.3	1.7	0.9	12	1.3	1.5	1.0	0.9	1.3	1.7	1.3
USA, New York State (1998-2012)	116	2.0	2.2	1.9	164	2.1	2.6	1.6	1.9	1.1	3.2	2.4
USA, New York State, API (1998-2012)	8	2.0	1.9	2.1	9	1.7	1.8	1.6	0.8	1.6	4.0	0.7
USA, New York State, Black (1998-2012)	14	1.1	1.4	0.8	21	1.2	1.7	0.7	1.3	0.2	1.9	1.6
USA, New York State, Hispanic White (1998-2012)	23	2.5	3.1	1.8	30	2.4	3.4	1.4	1.6	1.4	4.9	2.3
USA, New York State, NH White (1998-2012)	64	2.1	1.9	2.2	95	2.2	2.5	1.9	2.0	1.2	3.1	2.8
USA, New York State, White (1998-2012)	87	2.1	2.2	2.1	125	2.3	2.7	1.8	1.9	1.2	3.5	2.7
USA, North Carolina (1998-2012)	37	1.4	1.8	0.9	59	1.6	2.2	1.0	1.1	1.5	1.6	2.4
USA, North Carolina, Black (1998-2012)	9	1.3	2.3	0.2	15	1.5	2.3	0.7	1.3	0.9	1.6	2.4
USA, North Carolina, Hispanic White (1998-2012)	3	1.2	0.0	2.4	4	1.3	0.7	1.9	1.9	1.3	0.0	1.6
USA, North Carolina, NH White (1998-2012)	24	1.5	1.9	1.0	38	1.7	2.4	0.9	1.0	1.9	1.6	2.5
USA, North Dakota (1998-2012)	4	2.1	2.8	1.3	4	1.6	2.1	1.0	1.6	1.6	3.1	0.0
USA, North Dakota, NH White (1998-2012)	2	1.3	1.0	1.6	2	1.0	0.8	1.2	2.0	0.0	1.8	0.0
USA, Ohio (1998-2012)	57	1.6	1.8	1.3	85	1.7	2.2	1.2	1.2	1.1	2.6	2.3
USA, Ohio, Black (1998-2012)	7	1.1	0.6	1.6	9	1.1	0.7	1.5	0.0	0.5	3.1	1.1
USA, Ohio, NH White (1998-2012)	44	1.6	1.9	1.2	65	1.7	2.3	1.1	1.4	1.1	2.3	2.1
USA, Oklahoma (1998-2012)	13	1.1	1.2	1.1	22	1.4	1.9	0.8	0.5	1.9	1.1	2.3
USA, Oklahoma, Native American (1998-2012)	2	1.3	1.1	1.6	3	1.5	1.7	1.2	2.0	0.0	1.9	2.0
USA, Oklahoma, NH White (1998-2012)	7	1.0	0.8	1.1	13	1.2	1.6	0.8	0.4	1.7	0.8	2.3
USA, Oregon (1998-2012)	21	1.8	2.7	0.9	29	1.9	2.7	1.1	0.6	2.3	3.0	2.1
USA, Oregon, Hispanic White (1998-2012)	-	0.0	0.0	0.0	1	0.5	0.0	1.1	0.0	0.0	0.0	2.2
USA, Oregon, NH White (1998-2012)	14	1.6	2.5	0.7	18	1.6	2.4	0.7	0.4	2.0	2.9	1.4
USA, Pennsylvania (1998-2012)	58	1.5	1.7	1.3	88	1.7	2.3	1.1	0.8	1.3	2.7	2.3
USA, Pennsylvania, Black (1998-2012)	6	1.1	1.5	0.7	7	1.0	1.4	0.5	0.6	1.7	1.1	0.5
USA, Pennsylvania, Hispanic White (1998-2012)	5	2.4	3.7	1.1	6	2.2	3.5	0.9	2.8	0.0	4.6	1.5
USA, Pennsylvania, NH White (1998-2012)	44	1.5	1.6	1.4	71	1.8	2.3	1.2	0.7	1.4	2.7	2.6
USA, Rhode Island (1998-2012)	4	1.2	1.2	1.3	6	1.3	1.7	1.0	0.0	2.0	1.9	1.7
USA, Rhode Island, NH White (1998-2012)	3	1.2	1.7	0.8	5	1.5	2.3	0.6	0.0	1.4	2.7	2.3
USA, South Carolina (1998-2012)	20	1.5	1.7	1.3	24	1.4	1.7	1.0	1.2	1.4	2.0	0.9
USA, South Carolina, Black (1998-2012)	4	0.8	0.4	1.2	4	0.6	0.3	1.0	0.0	2.0	0.6	0.0
USA, South Carolina, NH White (1998-2012)	14	1.8	2.2	1.4	17	1.7	2.2	1.1	1.6	1.2	2.7	1.1
USA, South Dakota (2001-2012)	5	2.3	3.5	1.0	8	2.7	3.9	1.4	0.0	3.1	4.5	4.2
USA, South Dakota, NH White (2001-2012)	4	2.4	3.4	1.3	7	3.0	4.1	1.8	0.0	4.0	3.8	5.1
USA, Tennessee (1999-2012)	25	1.5	1.5	1.4	36	1.6	2.0	1.1	1.6	0.5	2.3	1.9
USA, Tennessee, Black (1999-2012)	7	1.9	1.9	1.8	8	1.6	1.8	1.4	1.7	1.6	2.3	0.8
USA, Tennessee, NH White (1999-2012)	16	1.3	1.6	1.1	26	1.6	2.3	0.8	1.8	0.0	2.2	2.4
USA, Texas (1998-2012)	136	1.7	2.1	1.1	196	1.8	2.4	1.1	1.3	1.3	2.6	2.3
USA, Texas, API (1998-2012)	8	2.8	3.3	2.2	11	2.9	4.0	1.7	2.9	1.0	4.5	3.4

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Xa. Intracranial and intraspinal germ cell tumours

	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)	17	1.6	1.4	1.7	23	1.6	1.7	1.5	1.7	0.6	2.4	1.6
USA, Texas, Hispanic White (1998-2012)	52	1.5	2.0	0.9	77	1.7	2.3	1.0	1.0	1.3	2.3	2.4
USA, Texas, NH White (1998-2012)	57	1.8	2.5	1.0	83	1.9	2.7	1.1	1.2	1.5	2.8	2.4
USA, Utah (1993-2012)	27	2.0	2.3	1.7	40	2.2	2.9	1.6	0.9	1.0	4.6	3.1
USA, Utah, Hispanic White (1993-2012)	-	0.0	0.0	0.0	1	0.5	1.0	0.0	0.0	0.0	0.0	2.4
USA, Utah, NH White (1993-2012)	23	2.1	2.4	1.8	35	2.4	3.1	1.6	1.1	1.2	4.4	3.4
USA, Utah, White (1993-2012)	23	1.8	2.1	1.6	36	2.2	2.9	1.4	1.0	1.0	3.9	3.3
USA, Vermont (1998-2012)	1	0.8	1.5	0.0	3	1.2	2.4	0.0	2.0	0.0	0.0	2.8
USA, Vermont, NH White (1998-2012)	1	0.8	1.6	0.0	3	1.3	2.6	0.0	2.2	0.0	0.0	3.0
USA, Virginia (1998-2012)	34	1.4	1.1	1.7	48	1.5	1.7	1.3	0.5	1.2	2.7	1.8
USA, Virginia, Black (1998-2012)	7	1.2	1.3	1.1	11	1.4	1.9	0.9	0.6	1.7	1.6	2.0
USA, Virginia, Hispanic White (1998-2012)	1	0.6	1.2	0.0	1	0.5	0.9	0.0	0.0	0.0	2.1	0.0
USA, Virginia, NH White (1998-2012)	19	1.2	1.0	1.5	28	1.3	1.5	1.2	0.2	1.1	2.7	1.8
USA, Washington State (1998-2012)	30	1.5	2.0	1.0	37	1.4	1.9	0.9	1.5	0.6	2.6	1.0
USA, Washington State, Hispanic White (1998-2012)	4	1.5	2.1	0.7	5	1.4	2.2	0.6	0.0	1.1	3.8	1.3
USA, Washington State, NH White (1998-2012)	19	1.4	2.0	0.8	25	1.4	2.0	0.7	1.7	0.2	2.3	1.2
USA, Washington, Seattle (1993-2012)	23	1.3	1.5	1.1	28	1.2	1.5	0.8	0.6	0.7	2.8	0.9
USA, Washington, Seattle, API (1993-2012)	6	3.5	2.2	4.7	6	2.7	1.7	3.7	1.8	3.7	5.4	0.0
USA, Washington, Seattle, Hispanic White (1993-2012)	2	1.4	2.7	0.0	2	1.1	2.1	0.0	0.0	2.1	2.4	0.0
USA, Washington, Seattle, NH White (1993-2012)	13	1.0	1.4	0.5	17	1.0	1.5	0.4	0.5	0.0	2.7	1.0
USA, Washington, Seattle, White (1993-2012)	15	1.0	1.6	0.4	19	1.0	1.6	0.3	0.5	0.2	2.6	0.9
USA, West Virginia (1998-2012)	12	2.3	1.7	2.8	18	2.5	2.5	2.5	1.3	1.3	4.7	3.3
USA, West Virginia, NH White (1998-2012)	12	2.4	1.9	3.1	18	2.7	2.7	2.6	1.4	1.3	5.0	3.5
USA, Wisconsin (1998-2012)	30	1.7	2.2	1.1	35	1.5	1.9	1.0	1.1	0.9	3.2	0.8
USA, Wisconsin, NH White (1998-2012)	22	1.5	2.4	0.6	26	1.4	2.0	0.7	0.8	0.7	3.4	0.8
USA, Wyoming (1998-2012)	3	1.8	2.4	1.1	4	1.7	2.6	0.8	0.0	3.9	1.8	1.7
<b>ASIA</b>												
BAHRAIN (1998-2012)	6	1.8	2.8	0.6	6	1.4	2.2	0.5	0.0	0.9	5.0	0.0
CHINA, 6 registries (1990-2013)	140	2.1	2.5	1.8	213	2.2	2.8	1.6	0.8	1.7	4.4	2.6
CHINA, Beijing (2000-2013)	35	1.8	1.9	1.8	63	2.0	2.2	1.9	1.4	0.6	3.9	2.7
CHINA, Dalian (2003-2012)	1	0.4	0.7	0.0	3	0.7	1.4	0.0	0.0	0.0	1.3	1.8
CHINA, Guangzhou (2010-2012)	16	4.6	6.3	2.5	21	4.2	6.2	1.9	0.9	7.9	5.7	3.0
CHINA, Hong Kong (1990-2013)	69	2.3	2.6	2.1	102	2.5	3.3	1.7	0.7	2.2	4.7	3.2
CHINA, Shanghai (2002-2012)	15	2.0	2.7	1.3	19	1.8	2.5	1.2	0.0	0.6	6.4	1.1
CHINA, Zhongshan (2003-2012)	4	1.0	1.1	0.8	5	1.0	1.2	0.7	1.0	0.0	2.1	0.9
INDIA, 7 registries (1990-2013)	10	0.1	0.1	0.0	14	0.1	0.1	0.0	0.0	0.1	0.1	0.1
INDIA, Bangalore (1993-2011)	5	0.2	0.3	0.1	7	0.2	0.2	0.1	0.1	0.1	0.3	0.2
INDIA, Chennai (1993-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDIA, Kollam (2006-2012)	2	0.4	0.8	0.0	2	0.3	0.6	0.0	0.0	0.0	1.3	0.0
INDIA, Mumbai (1993-2012)	2	0.0	0.1	0.0	4	0.0	0.1	0.0	0.0	0.0	0.0	0.1
INDIA, Nagpur (1990-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDIA, New Delhi (2003-2010)	1	0.0	0.0	0.0	1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
INDIA, Trivandrum (2005-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IRAN, Golestan (2004-2011)	2	0.4	0.4	0.4	2	0.3	0.3	0.3	0.0	0.0	1.5	0.0
ISRAEL (1990-2012)	22	0.5	0.5	0.5	35	0.6	0.8	0.5	0.2	0.7	0.7	1.1
ISRAEL, Jews (1990-2012)	18	0.6	0.6	0.6	29	0.7	0.9	0.5	0.3	0.7	0.8	1.2
ISRAEL, Non-Jews (1990-2012)	4	0.3	0.3	0.3	6	0.4	0.4	0.4	0.0	0.8	0.3	0.7
JAPAN, 8 registries (1990-2013)	235	3.6	4.6	2.5	353	3.8	5.3	2.3	1.6	3.6	6.2	4.9
JAPAN, Aichi (2008-2012)	25	4.5	6.2	2.6	30	4.1	5.6	2.5	1.7	7.3	4.9	2.7
JAPAN, Hiroshima (1990-2012)	18	3.9	5.3	2.5	30	4.7	6.8	2.5	0.8	3.0	9.2	7.4
JAPAN, Miyagi (1990-2010)	34	3.9	5.1	2.7	55	4.5	6.6	2.2	1.7	2.4	8.6	6.4
JAPAN, Nagasaki (1993-2012)	15	2.8	4.3	1.2	27	3.7	5.3	1.9	0.0	4.6	4.6	6.6
JAPAN, Niigata (2003-2012)	14	3.9	6.0	1.8	19	4.0	6.2	1.8	0.0	7.6	5.2	4.3
JAPAN, Osaka (1990-2012)	106	3.4	4.4	2.4	159	3.6	5.0	2.2	2.2	3.0	5.5	4.4
JAPAN, Tochigi (2005-2012)	8	3.3	3.3	3.3	12	3.7	4.8	2.6	1.4	2.7	6.5	5.1
JAPAN, Yamagata (1990-2013)	15	2.8	2.4	3.2	21	3.0	3.0	3.0	0.0	2.1	7.4	3.7
JORDAN (2000-2012)	18	0.6	0.9	0.4	26	0.7	1.1	0.3	0.2	0.2	1.6	1.0
REPUBLIC OF KOREA (1999-2012)	453	3.1	4.1	2.0	725	3.6	5.2	1.9	0.6	2.9	6.6	5.6
REPUBLIC OF KOREA, Busan (1999-2012)	31	3.0	3.6	2.4	44	3.1	4.0	2.1	0.4	2.2	7.4	3.5
REPUBLIC OF KOREA, Daegu (1999-2012)	18	2.1	3.1	1.0	38	3.4	5.5	0.8	0.0	0.9	6.4	7.5
REPUBLIC OF KOREA, Daejeon (1999-2012)	21	4.6	5.9	3.1	25	4.1	5.7	2.4	2.6	2.2	9.9	2.6
REPUBLIC OF KOREA, Gwangju (1997-2012)	23	4.2	6.4	1.8	33	4.5	6.9	1.9	1.4	3.1	9.1	5.5
REPUBLIC OF KOREA, Incheon (1998-2012)	23	2.6	3.3	1.8	39	3.2	4.6	1.7	0.9	2.2	5.2	5.5
REPUBLIC OF KOREA, Jeju (2000-2012)	4	2.3	2.4	2.3	8	3.6	5.3	1.8	0.0	3.9	3.8	8.0
REPUBLIC OF KOREA, Seoul (1995-2012)	108	2.9	3.4	2.4	158	3.1	4.0	2.1	0.5	2.8	6.3	3.7
REPUBLIC OF KOREA, Ulsan (2001-2012)	12	4.0	5.5	2.4	14	3.6	5.1	1.9	2.7	3.3	6.7	2.0
KUWAIT (1994-2012)	5	0.4	0.6	0.2	5	0.3	0.5	0.1	0.7	0.0	0.5	0.0
KUWAIT, Kuwaitis (1994-2012)	2	0.3	0.3	0.3	2	0.2	0.2	0.2	0.4	0.0	0.5	0.0
KUWAIT, Non-Kuwaitis (1994-2012)	3	0.6	1.2	0.0	3	0.5	0.9	0.0	1.1	0.0	0.7	0.0
LEBANON (2008-2010)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAKISTAN, Karachi (1995-2002)	2	0.3	0.3	0.4	2	0.3	0.2	0.3	0.0	0.5	0.6	0.0
PAKISTAN, Lahore (2008-2012)	2	0.1	0.0	0.2	2	0.1	0.0	0.1	0.0	0.0	0.3	0.0
PHILIPPINES, 2 registries (1993-2012)	34	0.4	0.6	0.3	50	0.5	0.7	0.3	0.2	0.4	0.8	0.7
PHILIPPINES, Manila (1993-2012)	12	0.3	0.4	0.2	21	0.4	0.6	0.3	0.2	0.3	0.7	0.8
PHILIPPINES, Rizal (1993-2012)	22	0.5	0.7	0.4	29	0.5	0.8	0.3	0.3	0.5	0.9	0.6
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)	22	0.6	0.9	0.4	28	0.6	0.9	0.4	0.2	0.5	1.3	0.7
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	2	0.3	0.3	0.3	2	0.3	0.3	0.3	0.0	1.0	0.0	0.0
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	20	0.7	1.0	0.4	26	0.7	1.0	0.5	0.3	0.4	1.5	0.8
THAILAND, 6 registries (1993-2013)	57	1.3	1.8	0.7	87	1.4	2.1	0.7	0.3	0.9	2.9	1.9
THAILAND, Bangkok (2001-2012)	32	2.2	3.1	1.3	50	2.4	3.6	1.2	1.0	1.3	4.8	3.0
THAILAND, Chiang Mai (1993-2012)	11	1.6	2.5	0.6	11	1.2	1.9	0.5	0.0	1.0	4.3	0.0
THAILAND, Chonburi (1998-2012)	1	0.3	0.5	0.0	1	0.2	0.4	0.0	0.0	0.8	0.0	0.0
THAILAND, Khon Kaen (1993-2012)	5	0.6	0.8	0.3	10	0.8	1.3	0.4	0.0	0.4	1.5	1.7
THAILAND, Lampang (1993-2013)	1	0.3	0.0	0.7	3	0.6	0.8	0.5	0.0	1.0	0.0	1.7

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Xa. Intracranial and intraspinal germ cell tumours

	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)	7	0.9	1.3	0.5	12	1.2	1.6	0.8	0.0	0.5	2.7	2.1
TURKEY, paediatric (2009-2011)	28	0.5	0.5	0.4	-	-	-	-	0.1	0.6	0.8	-
TURKEY, 8 registries (1992-2012)	31	0.7	0.8	0.6	37	0.7	0.7	0.6	0.4	0.6	1.3	0.4
TURKEY, Ankara (2008-2012)	11	1.9	2.6	1.1	13	1.7	2.2	1.1	0.6	1.2	4.3	1.1
TURKEY, Antalya (1998-2012)	9	1.4	2.1	0.6	11	1.3	1.7	0.9	1.0	1.0	2.4	1.0
TURKEY, Bursa (2004-2012)	2	0.4	0.3	0.5	2	0.3	0.2	0.4	0.6	0.0	0.6	0.0
TURKEY, Erzurum (2006-2012)	1	0.8	0.0	1.5	1	0.6	0.0	1.2	1.9	0.0	0.0	0.0
TURKEY, İzmir (1992-2012)	8	0.4	0.3	0.6	9	0.4	0.3	0.5	0.0	0.8	0.7	0.2
TURKEY, Samsun (2003-2012)	-	0.0	0.0	0.0	1	0.2	0.4	0.0	0.0	0.0	0.0	0.9
TURKEY, Trabzon (2003-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VIET NAM, Ho Chi Minh City (1995-2013)	6	0.2	0.2	0.2	12	0.3	0.3	0.3	0.0	0.4	0.4	0.5
<b>EUROPE</b>												
AUSTRIA (1990-2012)	25	0.7	0.9	0.5	39	0.8	1.2	0.5	0.2	0.6	1.6	1.3
BELARUS, paediatric (1990-2014)	31	0.6	0.7	0.6	40	0.6	0.8	0.4	0.3	0.6	1.1	0.5
BELGIUM (2004-2013)	28	1.4	1.5	1.3	45	1.7	2.2	1.2	0.8	1.2	2.6	2.7
BULGARIA (1990-2013)	5	0.1	0.3	0.0	14	0.3	0.5	0.0	0.0	0.1	0.4	0.7
CROATIA (2001-2014)	5	0.5	0.8	0.2	6	0.4	0.7	0.1	0.0	1.0	0.6	0.3
CYPRUS, South-West (1998-2012)	3	1.5	1.8	1.2	3	1.2	1.4	0.9	3.0	0.0	1.2	0.0
CZECH REPUBLIC (1990-2012)	41	1.0	1.2	0.7	57	1.0	1.3	0.6	1.0	0.4	1.7	1.0
ESTONIA (1990-2012)	4	0.6	0.9	0.3	7	0.8	1.1	0.5	0.0	1.6	0.5	1.3
FRANCE, paediatric (2000-2012)	316	2.1	2.5	1.7	-	-	-	-	1.8	1.4	3.2	-
FRANCE, 13 registries (1993-2012)	41	1.3	1.3	1.3	66	1.5	1.9	1.1	1.1	1.0	1.9	2.3
FRANCE, Bas-Rhin (1993-2011)	1	0.2	0.0	0.5	4	0.7	1.0	0.4	0.0	0.0	0.8	2.3
FRANCE, Calvados (1990-2012)	6	1.9	2.3	1.4	7	1.6	2.2	1.1	1.1	0.0	5.0	0.9
FRANCE, Doubs (1993-2012)	1	0.5	1.0	0.0	1	0.4	0.8	0.0	0.0	1.5	0.0	0.0
FRANCE, Gironde (2008-2012)	6	4.7	5.8	3.5	6	3.6	4.5	2.7	4.8	2.4	7.0	0.0
FRANCE, Haut-Rhin (1993-2012)	5	1.7	1.9	1.5	8	2.1	2.9	1.2	1.1	1.1	3.2	3.3
FRANCE, Hérault (1993-2012)	4	1.2	1.8	0.6	9	1.8	3.2	0.5	0.9	1.8	0.9	4.0
FRANCE, Isère (1993-2012)	5	1.1	0.4	1.8	5	0.8	0.3	1.4	0.7	1.3	1.3	0.0
FRANCE, Loire-Atlantique and Vendée (1998-2012)	8	1.6	1.1	2.0	14	2.0	2.1	1.8	1.7	1.7	1.2	3.4
FRANCE, Manche (1994-2012)	-	0.0	0.0	0.0	1	0.4	0.7	0.0	0.0	0.0	0.0	1.7
FRANCE, Somme (1993-2012)	2	1.0	0.8	1.1	6	1.9	2.3	1.5	1.4	0.0	1.4	5.1
GERMANY, paediatric (1996-2012)	267	1.2	1.4	0.9	-	-	-	-	0.4	1.1	2.3	-
GERMANY, 6 Eastern registries (2001-2007)	11	0.7	1.2	0.1	22	0.9	1.6	0.1	0.0	0.5	1.8	1.5
GERMANY, 5 Western registries (1994-2012)	50	0.9	0.9	0.8	85	1.1	1.4	0.7	0.1	0.6	2.1	1.9
GERMANY, Bavaria (2002-2012)	13	0.6	0.7	0.4	24	0.8	1.0	0.5	0.2	0.3	1.4	1.4
GERMANY, Lower Saxony (2003-2012)	13	0.9	0.8	1.1	20	1.1	1.3	0.8	0.0	1.0	2.0	1.5
GERMANY, Rhine-Pfalz (1998-2012)	11	1.1	0.7	1.4	19	1.4	1.6	1.1	0.4	1.0	2.1	2.3
GERMANY, Saarland (1994-2012)	2	0.6	1.2	0.0	4	0.9	1.4	0.4	0.0	1.1	1.0	1.9
GERMANY, Schleswig-Holstein (2000-2012)	11	1.6	2.0	1.2	18	2.0	2.9	1.2	0.0	0.0	5.5	3.5
GREECE, paediatric specialized (2010-2014)	13	1.5	1.8	1.2	-	-	-	-	1.1	0.7	3.0	-
HUNGARY, paediatric (1991-2014)	30	0.7	0.6	0.8	-	-	-	-	0.4	0.8	1.0	-
ICELAND (1990-2014)	2	1.2	1.2	1.2	3	1.3	1.7	0.9	0.0	3.7	0.0	1.8
IRELAND (1994-2012)	20	1.1	1.4	0.8	29	1.2	1.6	0.8	0.5	0.9	2.1	1.5
ITALY, 2 paediatric registries (1998-2011)	21	2.5	3.4	1.5	23	2.1	2.8	1.3	2.5	1.4	3.6	0.7
ITALY, Marche, paediatric (1998-2007)	8	4.3	6.2	2.3	8	3.3	4.8	1.8	6.4	1.6	4.6	0.0
ITALY, Piedmont, paediatric (1990-2011)	18	1.5	1.9	1.0	-	-	-	-	1.0	1.3	2.2	-
ITALY, Piedmont, paediatric (2000-2011)	13	1.9	2.6	1.2	15	1.7	2.2	1.2	1.4	1.4	3.3	0.9
ITALY, 26 registries (1992-2013)	56	1.3	1.6	1.0	78	1.3	1.7	0.9	1.0	0.9	2.2	1.5
ITALY, Brescia (1999-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ITALY, Catania (2003-2013)	4	1.0	1.6	0.5	7	1.3	1.9	0.8	0.0	0.9	2.6	2.3
ITALY, Friuli-Venezia Giulia (1995-2010)	4	1.8	1.0	2.7	4	1.4	0.8	2.1	2.6	1.3	1.3	0.0
ITALY, Milan (1999-2007)	2	1.5	2.9	0.0	6	3.4	4.4	2.3	0.0	0.0	5.1	9.9
ITALY, Modena (1990-2012)	2	1.0	0.9	1.1	3	1.1	1.3	0.8	0.0	1.6	1.6	1.4
ITALY, Naples (1996-2012)	8	3.5	4.4	2.6	10	3.2	4.4	2.0	5.3	1.3	3.7	2.3
ITALY, Parma (1992-2013)	2	1.7	3.2	0.0	2	1.3	2.5	0.0	0.0	0.0	5.7	0.0
ITALY, Ragusa (1992-2012)	2	1.6	3.2	0.0	2	1.3	2.5	0.0	2.4	2.3	0.0	0.0
ITALY, Reggio Emilia (1996-2012)	1	0.8	1.6	0.0	2	1.3	2.4	0.0	0.0	0.0	2.8	2.8
ITALY, Romagna (1990-2012)	2	0.7	0.0	1.4	2	0.5	0.0	1.1	1.0	0.0	1.0	0.0
ITALY, Salerno (1997-2009)	2	0.9	1.0	0.7	2	0.7	0.8	0.5	1.4	0.0	1.2	0.0
ITALY, Sassari (1992-2011)	1	0.6	0.0	1.2	1	0.5	0.0	1.0	0.0	0.0	2.1	0.0
ITALY, Turin (1992-2012)	3	1.3	2.5	0.0	3	1.0	1.9	0.0	0.0	1.4	2.8	0.0
ITALY, Umbria (1994-2011)	3	1.4	2.8	0.0	4	1.4	2.1	0.6	0.0	1.6	3.1	1.4
ITALY, Varese (1992-2012)	2	0.7	0.0	1.5	6	1.6	2.0	1.2	0.0	0.0	2.5	4.5
ITALY, Veneto (1992-2009)	10	1.6	2.0	1.3	15	1.8	2.3	1.2	1.0	2.0	2.0	2.3
LITHUANIA (2000-2012)	6	0.7	0.5	0.8	8	0.6	0.5	0.8	0.0	0.4	1.8	0.6
MALTA (1994-2013)	-	0.0	0.0	0.0	1	0.4	0.0	0.8	0.0	0.0	0.0	1.8
THE NETHERLANDS (1993-2013)	89	1.4	1.8	1.0	136	1.6	2.3	0.9	1.0	1.2	2.1	2.3
NORWAY (1990-2013)	28	1.2	1.3	1.1	45	1.5	1.9	1.1	0.6	1.1	2.3	2.4
POLAND (2001-2013)	67	0.8	1.0	0.5	111	0.9	1.2	0.5	0.4	0.6	1.4	1.2
POLAND, Greater Poland (1999-2013)	5	0.5	0.6	0.5	8	0.6	0.7	0.5	0.4	0.3	0.9	0.8
POLAND, Kielce (1990-2013)	6	1.1	1.3	0.8	8	1.0	1.4	0.6	1.3	0.0	1.9	0.9
POLAND, Lower Silesia (2000-2013)	6	0.8	1.2	0.5	7	0.7	1.1	0.4	0.0	1.0	1.8	0.4
POLAND, Lublin (1999-2013)	4	0.5	0.8	0.3	6	0.6	1.0	0.2	0.0	0.0	1.9	0.8
PORTUGAL (1991-2012)	42	1.4	1.9	0.9	63	1.6	2.3	0.8	0.3	1.7	2.6	2.0
PORTUGAL, Centre (2000-2010)	1	0.3	0.6	0.0	4	0.7	1.4	0.0	0.8	0.0	0.0	2.0
PORTUGAL, North (1991-2010)	14	1.1	1.6	0.5	21	1.2	1.9	0.4	0.0	1.3	2.2	1.5
PORTUGAL, South (1998-2012)	25	2.1	2.8	1.4	36	2.3	3.2	1.4	0.5	2.5	3.9	2.8
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	12	1.2	1.8	0.6	-	-	-	-	0.7	0.8	2.3	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	4	0.3	0.7	0.0	7	0.4	0.8	0.0	0.3	0.3	0.5	0.6
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RUSSIAN FEDERATION, Samara (1998-2015)	4	0.4	0.9	0.0	7	0.5	1.0	0.0	0.4	0.4	0.6	0.8
SLOVAKIA (1990-2009)	18	0.9	1.3	0.4	28	0.9	1.4	0.4	1.1	0.6	0.9	1.1
SLOVAKIA, paediatric (2000-2012)	17	1.3	1.5	1.2	-	-	-	-	1.4	0.3	2.5	-
SLOVENIA (1991-2012)	8	1.1	1.7	0.5	10	1.0	1.6	0.4	0.5	2.2	0.8	0.7

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Xa. Intracranial and intraspinal germ cell tumours

	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)	67	1.3	1.8	0.9	-	-	-	-	0.7	1.5	2.0	-
SPAIN, Selected regions, paediatric (2000-2013)	57	1.6	2.2	1.0	-	-	-	-	0.6	2.0	2.4	-
SPAIN, Valencia, paediatric (1991-2010)	10	0.7	0.9	0.5	-	-	-	-	0.7	0.2	1.2	-
SPAIN, 11 registries (1990-2013)	38	1.1	1.6	0.7	57	1.2	1.7	0.7	0.7	1.6	1.2	1.4
SPAIN, Asturias (1992-2010)	5	1.7	3.4	0.0	6	1.5	3.0	0.0	0.0	1.4	4.5	0.9
SPAIN, Balearic Islands (1990-2012)	-	0.0	0.0	0.0	1	0.2	0.4	0.0	0.0	0.0	0.0	1.0
SPAIN, Basque Country (1990-2012)	6	1.1	1.0	1.1	8	1.0	1.1	0.8	1.9	0.9	0.0	0.7
SPAIN, Canary Islands (1993-2011)	7	1.3	2.6	0.0	11	1.5	2.5	0.5	0.7	1.2	2.3	2.0
SPAIN, Girona (1990-2013)	2	0.8	0.8	0.8	5	1.4	2.2	0.6	0.0	1.3	1.3	3.5
SPAIN, Granada (1992-2013)	3	0.8	0.5	1.1	5	1.0	1.1	0.9	0.0	0.9	1.7	1.5
SPAIN, Murcia (1991-2009)	6	1.5	0.9	2.0	7	1.3	1.0	1.6	0.7	3.6	0.0	0.6
SPAIN, Navarra (1990-2010)	1	0.6	1.1	0.0	3	1.1	0.9	1.3	0.0	1.8	0.0	2.8
SPAIN, Tarragona (1990-2011)	3	1.4	2.7	0.0	6	1.8	3.7	0.0	1.4	1.4	1.3	3.4
SWEDEN (1990-2011)	45	1.3	1.3	1.3	71	1.5	1.8	1.2	1.8	0.8	1.3	2.1
SWITZERLAND, paediatric (1990-2013)	33	1.0	1.5	0.5	-	-	-	-	0.3	1.1	1.9	-
SWITZERLAND, 7 registries (1990-2013)	9	0.8	1.5	0.0	14	0.9	1.6	0.1	0.0	0.6	2.0	1.4
SWITZERLAND, Geneva (1993-2013)	2	1.2	2.4	0.0	2	0.9	1.8	0.0	0.0	0.0	4.2	0.0
SWITZERLAND, Vaud (1993-2012)	2	0.8	1.6	0.0	3	0.9	1.2	0.6	0.0	1.3	1.3	1.3
SWITZERLAND, Zurich (1993-2013)	2	0.4	0.8	0.0	5	0.8	1.6	0.0	0.0	0.0	1.5	2.2
UKRAINE (2002-2012)	39	0.5	0.6	0.4	57	0.5	0.6	0.4	0.4	0.4	0.7	0.5
UK (2000-2011)	162	1.1	1.5	0.6	260	1.3	2.0	0.6	0.3	0.9	2.4	2.1
UK, England (1990-2013)	251	1.0	1.3	0.8	392	1.2	1.7	0.7	0.3	0.9	2.2	1.9
UK, England and Wales, paediatric (1991-2010)	309	1.5	1.8	1.2	-	-	-	-	1.0	1.1	2.6	-
UK, Northern Ireland (1993-2013)	7	0.9	1.4	0.3	9	0.9	1.4	0.2	0.8	0.8	1.1	0.7
UK, Scotland (1991-2013)	31	1.4	1.7	1.0	50	1.6	2.4	0.8	0.7	0.3	3.3	2.6
UK, Wales (2000-2011)	5	0.7	0.8	0.7	16	1.6	2.5	0.7	0.5	0.5	1.3	4.7
<b>OCEANIA</b>												
AUSTRALIA (1992-2014)	135	1.4	1.9	1.0	203	1.6	2.3	0.9	0.8	1.1	2.7	2.3
AUSTRALIA, Indigenous (1992-2014)	3	1.2	2.4	0.0	3	0.9	1.8	0.0	0.0	1.2	2.8	0.0
AUSTRALIA, Australian Capital Territory (1992-2012)	1	0.7	0.0	1.4	1	0.5	0.0	1.1	0.0	2.2	0.0	0.0
AUSTRALIA, New South Wales (1992-2012)	42	1.4	1.7	1.1	65	1.6	2.2	1.1	0.5	1.1	2.9	2.5
AUSTRALIA, Queensland (1992-2013)	27	1.5	2.3	0.5	43	1.7	2.8	0.7	0.9	1.0	2.7	2.7
AUSTRALIA, South Australia (1992-2012)	10	1.4	1.7	1.2	13	1.4	1.9	0.9	0.0	1.0	3.8	1.4
AUSTRALIA, Tasmania (1992-2013)	5	2.3	2.9	1.7	7	2.4	3.4	1.3	2.8	1.4	2.6	2.7
AUSTRALIA, Victoria (1992-2014)	32	1.3	1.7	1.0	47	1.5	2.0	0.9	0.5	1.2	2.6	2.0
AUSTRALIA, Western Australia (1992-2014)	17	1.8	2.3	1.2	25	1.9	2.9	0.9	1.9	0.9	2.5	2.4
FRANCE, 2 registries (1990-2013)	4	1.3	1.9	0.6	5	1.2	1.9	0.5	1.0	1.0	2.0	1.0
FRANCE, New Caledonia (1990-2013)	3	2.0	2.7	1.2	4	2.0	3.0	0.9	2.1	0.0	4.1	2.1
NEW ZEALAND (1993-2012)	37	1.9	2.2	1.7	53	2.1	2.7	1.5	0.5	1.7	4.1	2.7
NEW ZEALAND, API (1993-2012)	10	6.2	4.8	7.6	11	5.3	4.7	5.9	0.0	3.9	16.9	2.3
NEW ZEALAND, Maori (1993-2012)	9	2.0	2.6	1.3	16	2.9	4.3	1.4	0.6	1.4	4.5	5.8
NEW ZEALAND, Other (1993-2012)	18	1.4	1.7	1.1	26	1.5	2.1	1.0	0.5	1.5	2.5	1.9
NEW ZEALAND, paediatric (2000-2012)	24	1.9	1.8	1.9	-	-	-	-	0.5	1.3	4.3	-
NEW ZEALAND, paediatric, Maori (2000-2012)	8	2.6	3.3	2.0	-	-	-	-	1.0	1.1	6.6	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	16	1.6	1.3	2.0	-	-	-	-	0.4	1.4	3.6	-

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