

## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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)	25	1.4	1.3	1.6	57	2.2	1.8	2.6	1.7	0.7	1.8	4.7
ALGERIA, Algiers (2008-2012)	14	4.1	2.8	5.3	21	4.3	3.7	4.8	3.4	3.7	5.3	5.0
ALGERIA, Sétif (1996-2014)	6	0.8	1.2	0.4	22	1.7	1.4	2.0	1.5	0.0	0.7	4.9
ALGERIA, Tiemcen (2006-2014)	2	0.7	0.7	0.8	7	2.0	1.7	2.3	0.0	0.0	2.6	6.2
BOTSWANA (1999-2007)	8	1.4	0.8	2.0	14	1.8	0.6	3.1	1.5	0.5	2.2	3.4
CAMEROON, Yaoundé (2004-2006)	3	1.3	0.9	1.7	4	1.4	0.7	2.0	0.0	0.0	4.4	1.6
EGYPT, Gharbiah (1999-2010)	43	2.9	2.2	3.6	76	3.6	2.3	5.0	4.0	1.2	3.3	6.0
FRANCE, Réunion (1990-2011)	19	4.3	3.2	5.4	38	6.3	6.2	6.4	3.4	6.1	3.4	13.2
KENYA, 2 registries (2000-2012)	10	0.9	0.4	1.5	22	1.6	0.4	2.7	1.2	0.8	0.7	4.1
KENYA, Eldoret (2000-2011)	5	1.2	0.5	2.0	11	2.2	0.8	3.6	2.0	0.7	0.8	5.7
KENYA, Nairobi (2006-2012)	5	0.7	0.3	1.2	11	1.3	0.2	2.2	0.7	0.9	0.6	3.2
LIBYA, Benghazi (2003-2008)	3	1.1	1.5	0.6	6	1.5	1.6	1.4	2.0	0.0	1.0	3.0
MALI, Bamako (2005-2014)	22	3.0	3.4	2.7	49	4.7	2.8	6.1	3.2	2.5	3.3	10.5
MAURITIUS (2001-2013)	18	4.8	5.1	4.5	34	6.4	7.3	5.6	6.0	1.6	6.7	12.1
MOROCCO, 2 registries (2005-2012)	19	2.3	1.7	3.0	34	2.8	1.7	3.9	4.7	0.0	1.6	4.6
MOROCCO, Casablanca (2005-2012)	16	2.1	1.6	2.7	31	2.8	1.7	4.0	4.2	0.0	1.8	5.2
SOUTH AFRICA, paediatric (1998-2012)	341	1.6	0.9	2.3	-	-	-	-	2.5	0.9	1.2	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	8	2.2	3.1	1.3	-	-	-	-	4.0	0.0	2.1	-
SOUTH AFRICA, paediatric, Black (1998-2012)	245	1.4	0.6	2.2	-	-	-	-	2.0	0.8	1.1	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	49	2.8	2.3	3.3	-	-	-	-	5.3	1.3	1.1	-
SOUTH AFRICA, paediatric, White (1998-2012)	38	3.3	2.8	3.8	-	-	-	-	4.8	2.3	2.5	-
TUNISIA, 2 registries (1993-2007)	32	1.6	0.9	2.4	68	2.4	1.7	3.2	1.7	0.6	2.6	5.2
TUNISIA, Central (1993-2007)	4	2.0	2.1	1.9	11	3.6	3.3	3.9	4.2	0.0	1.3	9.0
TUNISIA, North (1994-2006)	28	1.6	0.8	2.4	57	2.3	1.5	3.1	1.4	0.7	2.8	4.7
UGANDA, Kampala (1996-2013)	22	1.6	1.1	2.0	56	2.9	1.4	4.1	1.2	0.7	3.1	7.6
ZIMBABWE, Harare (1995-2013)	17	1.9	0.4	3.4	38	3.1	0.5	5.3	2.8	0.7	2.1	7.1
<b>AMERICA, LATIN AND THE CARIBBEAN</b>												
ARGENTINA, paediatric (2000-2013)	615	4.2	4.1	4.4	-	-	-	-	5.0	1.9	5.8	-
ARGENTINA, 6 registries (1991-2013)	158	7.1	6.8	7.5	349	11.3	13.8	8.7	7.8	4.1	9.5	25.7
ARGENTINA, Chaco (2002-2012)	30	8.4	8.0	8.8	53	10.8	12.4	9.1	10.3	5.8	8.7	19.1
ARGENTINA, Córdoba (2004-2012)	56	7.5	7.3	7.7	127	12.0	14.2	9.9	7.8	4.9	9.9	27.7
ARGENTINA, Entre Rios (2001-2011)	18	5.1	4.8	5.4	49	10.2	13.2	7.0	5.4	1.7	8.5	27.6
ARGENTINA, Mendoza (2003-2012)	31	6.8	5.6	8.0	78	12.0	16.0	8.0	7.4	4.7	8.3	30.2
ARGENTINA, Neuquén (2003-2013)	15	8.1	10.2	5.9	27	11.0	14.1	7.7	8.6	1.7	14.5	20.8
BRAZIL, 5 registries (1995-2012)	86	4.8	4.4	5.3	207	7.5	8.0	6.9	6.8	2.8	4.4	16.5
BRAZIL, Aracaju (1996-2012)	11	5.1	1.6	8.8	22	6.8	2.3	11.2	7.0	4.1	3.7	12.4
BRAZIL, Belo Horizonte (2000-2006)	15	3.7	4.0	3.5	42	6.7	7.1	6.3	3.9	2.4	5.1	16.8
BRAZIL, Curitiba (1998-2010)	27	5.5	6.3	4.7	81	10.2	13.9	6.5	9.5	2.3	3.8	26.3
BRAZIL, Goiânia (1995-2011)	27	5.7	5.1	6.4	52	7.3	7.0	7.6	8.3	3.7	4.6	12.6
BRAZIL, João Pessoa (1999-2010)	6	2.7	1.2	4.1	10	3.2	3.2	3.2	1.6	1.5	5.4	5.0
CHILE, paediatric (2007-2011)	119	6.2	7.1	5.4	-	-	-	-	7.0	3.1	8.7	-
CHILE, 4 registries (1998-2012)	27	6.2	8.1	4.3	93	13.6	21.3	5.5	9.9	2.0	6.1	38.8
COLOMBIA, 4 registries (1992-2013)	72	4.1	3.7	4.6	196	7.7	8.2	7.3	5.1	1.9	5.4	20.0
COLOMBIA, Bucaramanga (2000-2012)	13	3.5	3.2	3.9	34	6.4	7.8	5.1	3.6	0.8	6.4	16.5
COLOMBIA, Cali (1992-2013)	56	4.9	4.4	5.4	143	8.7	8.8	8.7	6.0	2.6	6.0	21.8
COSTA RICA (1993-2012)	110	4.5	3.3	5.7	325	9.6	10.8	8.3	4.5	1.6	7.7	27.0
CUBA (2000-2012)	107	4.0	2.4	5.7	185	4.8	2.7	7.0	5.4	2.2	4.3	7.5
ECUADOR, 5 registries (1993-2013)	112	5.2	5.7	4.8	282	9.2	10.2	8.3	7.0	2.9	5.5	23.1
ECUADOR, Cuenca (1996-2013)	17	6.6	5.3	7.9	35	9.7	8.7	10.7	7.3	2.4	10.4	20.4
ECUADOR, Guayaquil (2008-2012)	24	7.3	8.1	6.4	42	9.4	11.0	7.8	11.7	0.0	9.5	16.7
ECUADOR, Manabí (1995-2011)	17	2.5	2.2	2.7	52	5.4	3.2	7.7	1.8	3.1	2.6	15.6
ECUADOR, Quito (1993-2012)	46	5.8	7.1	4.4	140	12.0	16.2	8.0	8.0	4.3	4.4	33.6
FRANCE, 3 registries (1990-2012)	18	5.7	2.6	9.0	34	7.8	4.1	11.7	6.9	2.9	7.4	15.1
HONDURAS, Francisco Morazán (2002-2012)	27	3.5	2.1	4.8	44	4.5	2.9	6.0	1.8	2.0	7.4	7.9
JAMAICA, Kingston and St Andrew (1982-2012)	18	3.1	1.9	4.2	38	4.6	1.7	7.4	3.1	3.1	3.0	9.9
MEXICO, Mexico City, paediatric (1997-2013)	104	8.5	10.0	7.1	-	-	-	-	8.3	2.7	15.4	-
PERU, Lima (2010-2012)	35	5.1	6.9	3.3	79	7.7	10.0	5.4	8.1	1.3	5.5	16.7
PERU, Trujillo (1990-2002)	12	5.0	4.6	5.3	21	6.2	5.2	7.0	6.3	1.3	7.4	10.3
USA, Puerto Rico (1992-2012)	73	4.1	3.6	4.6	185	7.1	7.5	6.7	4.8	2.2	5.3	17.6
URUGUAY (1993-2012)	69	4.7	3.5	5.9	176	8.3	8.7	7.8	6.9	1.9	4.8	20.6
<b>AMERICA, NORTH</b>												
CANADA, 9 registries (1992-2013)	621	5.3	5.0	5.6	1760	10.2	12.8	7.5	6.4	2.2	7.5	27.1
CANADA, Alberta (1992-2013)	71	4.9	4.4	5.4	193	9.3	11.7	6.8	5.1	2.5	7.2	24.6
CANADA, British Columbia (1992-2013)	96	6.0	6.7	5.2	268	11.2	15.1	7.0	6.3	2.7	9.2	29.2
CANADA, Manitoba (1992-2013)	28	5.3	4.8	5.8	82	10.7	13.0	8.3	6.5	1.7	7.7	29.3
CANADA, Nova Scotia (1992-2013)	17	4.9	4.6	5.2	41	7.7	9.0	6.4	6.4	1.7	6.3	17.5
CANADA, Ontario (1992-2012)	259	5.5	4.9	6.1	742	10.7	13.0	8.2	6.4	2.4	7.7	28.5
CANADA, Quebec (1992-2010)	132	5.4	5.2	5.6	365	9.9	12.4	7.3	7.7	1.3	6.8	25.3
CANADA, Saskatchewan (1992-2013)	17	3.4	2.6	4.4	66	9.2	12.3	5.8	2.7	1.9	6.1	28.9
USA (1998-2012)	4969	5.5	4.9	6.1	13500	10.3	12.5	8.1	6.9	2.6	7.0	27.0
USA, API (1998-2012)	321	7.1	7.2	6.9	616	9.8	10.8	8.7	7.7	3.6	10.0	19.2
USA, Black (1998-2012)	605	4.1	2.2	6.0	1238	5.9	3.6	8.3	4.8	2.2	5.2	12.3
USA, Hispanic White (1998-2012)	1105	6.5	6.4	6.6	3007	13.3	16.6	9.7	6.9	3.0	9.9	36.8
USA, Native American (1998-2012)	33	2.3	2.2	2.3	108	5.1	6.5	3.5	2.7	0.8	3.2	14.7
USA, NH White (1998-2012)	2729	5.2	4.8	5.7	8111	10.3	13.3	7.2	6.9	2.3	6.3	27.9
USA, NPCR (1998-2012)	4742	5.5	4.9	6.1	12849	10.3	12.4	8.1	6.8	2.6	7.0	26.8
USA, NPCR, API (1998-2012)	286	6.9	7.0	6.8	539	9.4	10.3	8.5	7.5	3.5	9.9	18.0
USA, NPCR, Black (1998-2012)	598	4.1	2.2	6.1	1218	5.9	3.6	8.4	4.8	2.2	5.2	12.3
USA, NPCR, Hispanic White (1998-2012)	1062	6.5	6.4	6.6	2903	13.4	16.7	9.7	6.8	3.0	10.0	37.1
USA, NPCR, Native American (1998-2012)	33	2.5	2.4	2.5	99	5.1	6.3	3.7	3.0	0.9	3.5	14.1
USA, NPCR, NH White (1998-2012)	2589	5.2	4.8	5.7	7675	10.3	13.1	7.2	6.9	2.3	6.2	27.6
USA, SEER 18 (1993-2012)	1664	5.8	5.4	6.3	4480	11.1	13.5	8.5	7.0	2.6	7.7	29.2
USA, SEER 18, API (1993-2012)	206	7.7	7.5	7.9	422	11.4	12.3	10.4	8.9	3.7	10.5	24.0

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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)	171	4.2	2.3	6.1	357	6.2	4.1	8.4	5.7	1.7	4.9	13.2
USA, SEER 18, Hispanic White (1993-2012)	506	6.8	6.9	6.7	1388	14.1	17.9	9.9	7.2	3.0	10.6	39.1
USA, SEER 18, Native American (1993-2012)	7	1.3	1.5	1.1	33	4.1	5.3	2.8	1.7	0.0	2.1	13.7
USA, SEER 18, NH White (1993-2012)	748	5.4	5.1	5.8	2221	11.0	14.3	7.5	6.9	2.4	6.7	30.2
USA, SEER 9, Black (1993-2012)	78	4.7	3.2	6.4	153	6.7	4.9	8.6	7.8	0.8	5.0	13.6
USA, SEER 9, White (1993-2012)	441	5.4	5.0	5.8	1310	11.3	14.4	7.9	7.0	2.0	7.0	31.5
USA, Alabama (1998-2012)	82	5.9	5.5	6.3	173	8.7	9.2	8.2	6.9	3.5	7.3	18.3
USA, Alabama, Black (1998-2012)	26	5.8	3.9	7.9	42	6.7	3.3	10.2	7.1	2.7	7.6	9.7
USA, Alabama, NH White (1998-2012)	48	5.6	6.1	5.1	118	9.4	11.9	6.8	6.9	3.5	6.3	22.5
USA, Alaska (1998-2012)	8	3.4	3.4	3.4	28	8.3	10.2	6.2	4.0	1.3	4.9	25.4
USA, Alaska, NH White (1998-2012)	3	1.9	1.1	2.7	21	9.7	13.0	6.0	0.0	2.2	4.0	36.7
USA, Arizona (1998-2012)	97	5.2	5.2	5.2	290	11.0	14.8	7.0	7.2	2.1	6.1	31.1
USA, Arizona, Hispanic White (1998-2012)	39	5.6	6.5	4.6	122	13.2	18.7	7.1	7.1	1.3	8.2	39.4
USA, Arizona, NH White (1998-2012)	45	5.3	4.5	6.0	130	10.3	13.1	7.2	7.1	2.8	5.6	27.5
USA, Arkansas (1998-2012)	49	5.7	3.9	7.5	99	8.2	8.0	8.3	6.7	3.2	7.2	16.7
USA, Arkansas, Black (1998-2012)	8	4.6	0.0	9.2	18	7.2	2.9	11.6	5.7	5.0	3.3	16.2
USA, Arkansas, NH White (1998-2012)	35	6.0	4.3	7.8	75	8.9	9.5	8.2	8.3	2.5	6.8	18.8
USA, California (1998-2012)	750	6.4	6.3	6.5	2052	12.4	15.6	9.0	7.2	3.1	9.0	33.0
USA, California, API (1998-2012)	110	7.7	7.4	8.0	233	11.4	12.2	10.5	8.9	3.7	10.7	24.1
USA, California, Black (1998-2012)	28	2.8	0.9	4.7	77	5.4	4.0	7.0	2.6	1.8	4.0	14.6
USA, California, Hispanic White (1998-2012)	377	7.2	7.4	7.0	1053	15.0	19.5	10.2	7.1	3.2	11.7	42.1
USA, California, NH White (1998-2012)	227	6.1	6.0	6.2	660	11.6	15.2	7.8	8.0	3.2	6.7	30.7
USA, California, Greater California (2000-2012)	336	5.9	5.7	6.0	966	11.7	15.2	7.9	6.7	2.8	8.2	31.7
USA, California, Greater California, API (2000-2012)	37	6.6	7.9	5.3	77	9.6	10.7	8.4	7.5	1.1	11.6	19.7
USA, California, Greater California, Black (2000-2012)	16	3.9	1.8	6.1	33	5.7	4.1	7.4	3.9	3.0	4.9	12.1
USA, California, Greater California, Hispanic White (2000-2012)	163	6.5	6.8	6.2	486	14.5	19.9	8.5	6.8	3.2	9.8	41.8
USA, California, Greater California, NH White (2000-2012)	110	5.2	4.8	5.7	341	10.4	13.6	6.9	6.5	2.9	6.1	28.1
USA, California, Los Angeles (1993-2012)	292	6.8	6.6	7.0	765	12.9	15.7	10.0	7.8	3.2	9.5	34.2
USA, California, Los Angeles, API (1993-2012)	39	8.6	5.6	11.8	78	11.6	10.8	12.6	13.2	3.3	8.4	22.1
USA, California, Los Angeles, Black (1993-2012)	12	2.7	1.5	3.8	32	4.9	3.4	6.4	4.0	2.4	1.2	12.7
USA, California, Los Angeles, Hispanic White (1993-2012)	178	7.4	7.7	7.1	480	15.2	19.0	11.1	7.3	3.0	12.5	41.9
USA, California, Los Angeles, NH White (1993-2012)	63	7.0	7.2	6.8	172	13.4	17.6	9.0	8.6	4.4	7.8	35.5
USA, California, San Francisco (1993-2012)	99	6.3	5.5	7.1	247	11.8	13.7	9.7	6.2	2.6	10.5	30.6
USA, California, San Francisco, API (1993-2012)	34	9.6	10.1	8.9	64	13.3	14.3	12.1	10.9	4.4	13.6	26.0
USA, California, San Francisco, Black (1993-2012)	8	3.8	1.7	6.1	21	7.5	6.2	9.0	3.3	0.0	8.9	20.3
USA, California, San Francisco, Hispanic White (1993-2012)	24	6.4	5.8	7.1	71	14.6	18.4	10.2	4.4	2.5	13.6	42.6
USA, California, San Francisco, NH White (1993-2012)	28	4.6	4.1	5.1	80	9.8	12.7	6.7	5.3	2.0	6.5	27.8
USA, California, San Francisco, White (1993-2012)	52	5.2	4.7	5.8	151	11.5	14.8	7.9	4.9	2.2	9.0	33.2
USA, California, San José (1993-2012)	80	7.9	8.1	7.7	202	14.7	17.5	11.6	8.7	5.7	9.3	37.9
USA, California, San José, API (1993-2012)	18	7.8	6.9	8.9	39	13.2	15.8	10.4	7.2	8.0	8.5	31.7
USA, California, San José, Hispanic White (1993-2012)	35	9.2	9.8	8.6	89	17.5	19.0	16.0	10.7	3.2	13.7	46.3
USA, California, San José, NH White (1993-2012)	26	7.6	8.5	6.6	69	14.0	18.6	9.0	8.7	7.0	6.8	35.8
USA, Colorado (1998-2012)	69	4.6	5.0	4.3	208	10.0	13.3	6.4	4.5	1.7	8.0	28.3
USA, Colorado, Hispanic White (1998-2012)	14	3.8	3.2	4.4	50	10.5	12.8	7.8	5.1	0.8	5.3	33.4
USA, Colorado, NH White (1998-2012)	47	4.8	5.5	4.1	138	10.0	14.0	5.6	4.1	1.6	9.4	27.6
USA, Connecticut (1993-2012)	60	4.5	4.5	4.6	187	9.7	12.2	7.1	6.2	2.8	4.2	27.6
USA, Connecticut, Black (1993-2012)	6	3.2	1.2	5.3	19	7.0	5.7	8.4	4.9	0.0	4.6	20.2
USA, Connecticut, Hispanic White (1993-2012)	8	4.5	2.3	6.7	17	7.0	6.3	7.7	4.8	3.4	5.2	15.6
USA, Connecticut, NH White (1993-2012)	40	4.4	4.7	4.1	136	10.2	13.9	6.2	5.9	2.8	4.2	29.9
USA, Connecticut, White (1993-2012)	48	4.4	4.3	4.5	153	9.7	12.7	6.5	5.7	2.9	4.4	27.7
USA, Delaware (1998-2012)	19	7.7	6.2	9.2	40	11.2	12.7	9.6	9.9	2.4	10.5	23.2
USA, Delaware, NH White (1998-2012)	12	8.1	9.4	6.8	28	12.6	18.3	6.9	10.7	2.0	11.4	28.1
USA, District of Columbia (1998-2012)	8	5.6	5.7	5.5	15	7.1	6.8	7.2	2.0	4.5	11.5	12.1
USA, Florida (1998-2012)	256	5.4	4.9	5.8	644	9.3	10.7	7.8	6.8	2.4	6.8	22.8
USA, Florida, Black (1998-2012)	31	2.8	1.1	4.6	72	4.6	2.6	6.6	3.6	1.4	3.4	10.5
USA, Florida, Hispanic White (1998-2012)	83	7.8	7.1	8.5	190	12.6	13.6	11.5	8.2	4.1	11.4	29.3
USA, Florida, NH White (1998-2012)	130	5.4	5.5	5.2	356	9.9	12.9	6.6	7.4	2.1	6.3	25.3
USA, Georgia (1998-2012)	157	5.4	3.9	6.9	357	8.8	9.2	8.3	6.8	2.5	6.8	20.4
USA, Georgia, Black (1998-2012)	54	5.2	2.5	8.0	98	6.8	3.5	10.1	6.3	2.3	6.9	12.3
USA, Georgia, Hispanic White (1998-2012)	9	3.5	2.2	4.8	33	10.7	14.4	5.3	4.6	1.2	4.5	35.5
USA, Georgia, NH White (1998-2012)	82	5.5	4.5	6.4	206	9.6	11.7	7.3	7.1	2.4	6.7	23.8
USA, Georgia, Atlanta (1993-2012)	63	5.0	4.2	5.8	144	8.3	8.9	7.7	8.2	1.6	4.5	19.8
USA, Georgia, Atlanta, Black (1993-2012)	28	5.2	3.6	6.8	46	6.3	4.8	7.8	9.1	1.0	4.7	9.8
USA, Georgia, Atlanta, Hispanic White (1993-2012)	5	3.6	1.3	6.1	16	9.7	12.9	4.7	5.0	2.4	3.0	31.0
USA, Georgia, Atlanta, NH White (1993-2012)	22	4.5	4.4	4.6	70	10.0	11.8	8.0	8.0	1.7	2.9	28.8
USA, Georgia, Atlanta, White (1993-2012)	27	4.3	3.7	4.8	86	9.9	11.9	7.5	7.3	1.9	2.9	29.2
USA, Georgia, Greater Georgia (2000-2012)	85	5.1	3.7	6.7	201	8.6	8.9	8.2	5.4	3.0	7.2	20.5
USA, Georgia, Greater Georgia, Black (2000-2012)	22	4.2	1.0	7.5	48	6.5	1.7	11.4	3.1	3.1	6.9	14.5
USA, Georgia, Greater Georgia, NH White (2000-2012)	53	5.4	4.4	6.5	128	9.1	11.4	6.7	6.0	2.8	7.4	22.0
USA, Hawaii (1993-2012)	37	7.3	8.2	6.4	100	14.3	17.9	10.4	8.2	4.3	9.5	38.2
USA, Hawaii, API (1993-2012)	32	8.2	9.2	7.1	82	15.0	18.3	11.6	9.9	5.4	9.0	38.6
USA, Hawaii, Hawaiian (1993-2012)	7	4.6	7.6	1.4	29	13.5	19.0	7.6	8.9	1.9	1.9	44.0
USA, Idaho (1998-2012)	23	4.9	4.5	5.3	75	10.7	14.7	6.6	8.5	0.6	4.8	30.7
USA, Idaho, NH White (1998-2012)	19	5.1	4.6	5.7	61	10.6	14.2	7.0	9.9	0.8	3.6	29.5
USA, Illinois (1998-2012)	212	5.4	4.6	6.3	619	10.9	13.4	8.3	6.9	3.2	6.0	29.9
USA, Illinois, API (1998-2012)	9	5.3	7.1	3.6	19	8.2	10.2	6.2	6.6	1.8	7.7	18.2
USA, Illinois, Black (1998-2012)	30	4.2	2.0	6.4	69	6.6	4.1	9.2	6.3	2.0	3.8	15.0
USA, Illinois, Hispanic White (1998-2012)	48	6.3	4.2	8.5	155	15.8	18.1	13.1	6.1	4.0	9.1	48.4
USA, Illinois, NH White (1998-2012)	123	5.6	5.4	5.9	371	11.2	15.2	6.9	7.4	3.3	5.8	30.4
USA, Indiana (1998-2012)	85	4.4	3.2	5.7	258	9.0	10.4	7.6	5.9	2.9	4.1	24.9
USA, Indiana, Black (1998-2012)	7	3.0	1.4	4.7	18	5.5	3.9	7.2	6.0	0.0	2.4	14.1
USA, Indiana, NH White (1998-2012)	64	4.2	3.2	5.3	203	8.8	10.6	7.0	5.7	2.5	4.2	24.5
USA, Iowa (1993-2012)	65	5.6	5.0	6.2	195	11.0	14.6	7.2	8.1	2.3	6.0	29.6
USA, Iowa, NH White (1993-2012)	51	5.2	4.7	5.7	172	10.9	14.9	6.7	8.2	2.3	4.3	30.6
USA, Iowa, White (1993-2012)	61	5.7	5.2	6.3	189	11.4	15.4	7.2	8.5	2.4	5.6	31.0

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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)	75	6.0	5.7	6.3	180	10.1	12.1	8.0	7.3	2.9	7.7	24.1
USA, Kentucky, NH White (1998-2012)	58	5.5	5.5	5.5	155	10.1	12.7	7.4	7.3	1.4	7.6	25.9
USA, Louisiana (1998-2012)	71	5.0	3.1	7.0	184	8.9	9.1	8.7	6.2	3.2	5.5	22.1
USA, Louisiana, Black (1998-2012)	23	4.2	1.8	6.6	53	6.6	4.0	9.1	6.4	1.6	4.1	14.7
USA, Louisiana, NH White (1998-2012)	41	5.2	3.3	7.3	115	10.0	11.5	8.4	5.6	3.9	6.3	26.2
USA, Maine (1998-2012)	23	6.4	7.3	5.3	46	8.7	12.4	4.8	7.6	0.9	10.8	16.9
USA, Maine, NH White (1998-2012)	23	6.8	7.8	5.7	45	9.1	12.9	5.2	8.2	0.9	11.4	17.1
USA, Maryland (1998-2012)	58	3.3	2.7	3.9	198	8.0	10.0	5.9	3.3	1.4	5.4	24.1
USA, Maryland, Black (1998-2012)	18	3.3	3.1	3.4	42	5.2	4.4	6.0	5.9	0.0	3.4	12.0
USA, Maryland, NH White (1998-2012)	24	2.5	1.9	3.0	121	8.8	12.6	4.8	1.1	2.0	4.7	30.8
USA, Massachusetts (1998-2012)	97	5.7	4.5	7.0	271	10.3	12.1	8.4	9.1	2.7	4.6	26.0
USA, Massachusetts, Black (1998-2012)	5	2.9	3.3	2.5	8	3.3	3.9	2.6	6.4	0.0	1.6	4.5
USA, Massachusetts, Hispanic White (1998-2012)	9	4.6	4.1	5.2	23	8.7	10.9	6.3	3.1	1.6	10.0	22.5
USA, Massachusetts, NH White (1998-2012)	72	5.8	3.8	7.9	218	11.1	12.7	9.4	8.9	3.4	4.4	29.2
USA, Michigan (1998-2012)	163	5.5	4.5	6.5	467	10.4	12.5	8.2	7.5	2.1	6.4	27.6
USA, Michigan, Black (1998-2012)	31	5.8	3.8	7.8	62	8.0	5.2	10.9	10.0	1.5	4.9	15.8
USA, Michigan, Hispanic White (1998-2012)	7	4.3	2.5	6.1	23	10.8	12.7	8.7	6.6	3.6	2.0	33.3
USA, Michigan, NH White (1998-2012)	113	5.2	4.5	5.9	358	10.7	14.0	7.2	6.7	2.0	6.7	29.8
USA, Michigan, Detroit (1993-2012)	91	5.5	4.6	6.5	243	10.6	11.5	9.6	7.8	1.6	6.9	28.1
USA, Michigan, Detroit, Black (1993-2012)	30	6.3	4.2	8.5	58	8.7	5.1	12.2	12.2	1.1	4.4	16.6
USA, Michigan, Detroit, NH White (1993-2012)	54	5.2	4.7	5.6	166	11.5	14.6	8.2	5.8	2.0	7.8	33.4
USA, Michigan, Detroit, White (1993-2012)	58	5.2	4.8	5.7	178	11.7	14.8	8.3	6.0	1.9	7.9	33.8
USA, Minnesota (1998-2012)	93	6.0	5.4	6.6	291	12.6	16.1	8.8	8.2	2.7	6.8	35.2
USA, Minnesota, NH White (1998-2012)	64	5.4	4.2	6.6	203	10.9	13.4	8.2	7.9	2.7	4.9	29.9
USA, Mississippi (2002-2012)	23	3.3	1.2	5.5	65	6.4	5.3	7.7	3.9	1.3	4.7	17.2
USA, Mississippi, Black (2002-2012)	11	3.5	1.9	5.2	23	5.2	2.7	7.7	4.0	2.0	4.7	10.8
USA, Mississippi, NH White (2002-2012)	11	3.1	0.7	5.6	38	7.2	7.5	6.9	3.4	0.9	5.0	21.5
USA, Missouri (1996-2012)	93	4.8	4.1	5.5	269	9.3	11.0	7.5	6.7	1.8	5.5	24.8
USA, Missouri, Black (1996-2012)	8	2.5	1.3	3.7	22	4.9	1.8	8.1	2.0	1.9	3.8	13.3
USA, Missouri, NH White (1996-2012)	68	4.5	3.9	5.2	200	8.8	11.2	6.2	6.9	1.4	4.9	23.4
USA, Montana (1998-2012)	9	3.2	0.7	5.9	38	8.7	10.5	6.8	3.5	2.2	4.1	27.6
USA, Montana, NH White (1998-2012)	8	3.5	0.8	6.3	37	9.9	12.2	7.4	4.2	1.3	4.8	32.1
USA, Nebraska (1998-2012)	30	5.5	5.1	5.8	84	10.3	12.8	7.8	8.0	1.6	6.3	27.1
USA, Nebraska, NH White (1998-2012)	20	4.8	4.7	4.9	64	9.7	12.8	6.6	7.1	2.1	4.6	26.8
USA, Nevada (1998-2012)	38	5.2	5.4	5.0	99	10.0	13.9	5.7	7.5	3.2	4.4	26.2
USA, Nevada, Hispanic White (1998-2012)	17	7.1	8.2	5.9	37	12.2	16.6	7.4	9.1	3.7	8.1	29.9
USA, Nevada, NH White (1998-2012)	15	4.5	4.4	4.6	47	9.6	13.8	5.2	7.8	2.6	2.4	27.2
USA, New Hampshire (1998-2012)	20	5.8	3.7	8.1	58	10.7	12.1	9.2	9.1	2.4	5.2	27.4
USA, New Hampshire, NH White (1998-2012)	18	5.8	4.0	7.6	56	11.1	13.0	9.1	9.1	2.7	4.8	29.4
USA, New Jersey (1998-2012)	148	5.6	5.5	5.8	409	11.2	14.0	8.3	6.1	2.7	8.3	30.5
USA, New Jersey, API (1998-2012)	13	5.9	4.4	7.3	28	10.1	10.7	9.5	2.6	1.4	15.1	24.9
USA, New Jersey, Black (1998-2012)	17	3.6	2.7	4.7	37	5.6	3.7	7.6	4.7	0.7	5.5	12.5
USA, New Jersey, Hispanic White (1998-2012)	32	7.4	6.9	7.9	75	12.7	13.3	11.9	8.4	2.9	11.1	30.9
USA, New Jersey, NH White (1998-2012)	82	5.5	5.9	5.1	261	12.5	17.6	7.0	5.8	3.2	7.6	36.5
USA, New Mexico (1993-2012)	43	5.1	4.5	5.7	126	10.4	13.0	7.6	5.5	2.9	6.9	28.7
USA, New Mexico, Hispanic White (1993-2012)	20	4.9	4.9	4.9	57	9.8	12.3	7.1	6.5	2.9	5.0	26.5
USA, New Mexico, NH White (1993-2012)	20	7.1	4.3	10.1	56	13.7	15.1	12.1	6.0	4.6	11.4	36.3
USA, New Mexico, White (1993-2012)	40	5.8	4.7	6.9	113	11.4	13.5	9.1	6.3	3.6	7.6	30.5
USA, New York State (1998-2012)	333	6.0	5.2	6.8	882	10.8	12.1	9.4	7.3	2.9	7.8	27.5
USA, New York State, API (1998-2012)	27	7.2	8.1	6.2	44	8.4	9.5	7.2	9.1	4.9	7.2	12.5
USA, New York State, Black (1998-2012)	58	4.7	2.4	6.9	126	7.1	4.1	10.2	4.5	3.0	6.8	15.7
USA, New York State, Hispanic White (1998-2012)	58	6.4	6.3	6.5	143	11.4	12.8	9.8	6.7	2.8	10.1	28.4
USA, New York State, NH White (1998-2012)	168	5.6	4.8	6.5	524	11.6	14.2	8.8	7.1	2.6	7.0	32.1
USA, New York State, White (1998-2012)	226	5.8	5.1	6.5	667	11.5	13.9	9.0	7.0	2.6	7.7	31.3
USA, North Carolina (1998-2012)	153	5.9	5.5	6.3	348	9.4	10.4	8.3	8.0	3.1	6.1	21.5
USA, North Carolina, Black (1998-2012)	40	5.6	3.6	7.7	69	6.9	3.9	10.1	6.2	3.0	7.7	11.5
USA, North Carolina, Hispanic White (1998-2012)	16	6.5	7.7	5.2	49	17.2	18.4	16.0	9.7	2.6	6.5	54.2
USA, North Carolina, NH White (1998-2012)	90	5.8	6.0	5.7	217	9.7	12.4	6.8	8.2	3.4	5.5	22.8
USA, North Dakota (1998-2012)	6	2.9	3.6	2.2	19	6.1	7.9	4.2	1.6	1.6	6.2	16.9
USA, North Dakota, NH White (1998-2012)	3	1.8	1.0	2.6	16	5.7	6.5	4.8	2.0	0.0	3.5	19.2
USA, Ohio (1998-2012)	174	5.0	3.7	6.4	477	9.4	10.7	8.2	6.4	2.1	6.6	24.6
USA, Ohio, Black (1998-2012)	24	4.1	1.0	7.3	46	5.8	2.4	9.3	4.2	1.6	6.7	11.6
USA, Ohio, NH White (1998-2012)	130	4.9	3.9	5.9	392	9.7	11.8	7.6	6.4	1.9	6.1	26.5
USA, Oklahoma (1998-2012)	58	5.3	3.4	7.3	142	8.9	9.3	8.4	7.2	3.0	5.3	21.2
USA, Oklahoma, Native American (1998-2012)	7	5.0	2.6	7.4	20	9.6	11.4	7.5	10.0	0.0	3.8	25.4
USA, Oklahoma, NH White (1998-2012)	29	4.2	2.6	5.9	86	8.1	8.6	7.5	5.6	2.6	4.0	21.5
USA, Oregon (1998-2012)	59	5.5	5.5	5.4	176	11.3	15.2	7.1	5.3	4.0	7.4	31.2
USA, Oregon, Hispanic White (1998-2012)	8	4.7	5.9	3.6	28	13.5	18.4	8.1	4.7	1.8	8.1	43.9
USA, Oregon, NH White (1998-2012)	41	5.2	4.7	5.7	129	10.8	14.5	6.9	5.0	3.9	6.8	30.2
USA, Pennsylvania (1998-2012)	193	5.5	4.7	6.3	544	10.2	12.2	8.1	6.5	2.5	7.4	26.4
USA, Pennsylvania, Black (1998-2012)	22	4.0	2.5	5.6	42	5.5	3.6	7.5	4.0	2.8	5.4	10.6
USA, Pennsylvania, Hispanic White (1998-2012)	9	4.5	4.7	4.3	20	7.3	8.3	6.2	6.9	1.5	4.6	16.9
USA, Pennsylvania, NH White (1998-2012)	147	5.5	5.0	6.0	455	11.0	14.0	7.9	6.6	2.4	7.6	29.9
USA, Rhode Island (1998-2012)	21	7.4	4.6	10.4	48	10.9	11.1	10.8	9.9	5.1	6.8	22.9
USA, Rhode Island, NH White (1998-2012)	14	7.3	4.9	9.8	34	10.8	12.0	9.7	11.4	2.9	6.7	23.0
USA, South Carolina (1998-2012)	69	5.5	4.6	6.3	150	8.1	9.2	7.0	7.6	2.8	5.6	17.3
USA, South Carolina, Black (1998-2012)	18	3.7	1.5	6.1	38	5.6	3.2	7.9	2.7	3.3	5.6	11.8
USA, South Carolina, NH White (1998-2012)	43	6.0	5.4	6.6	99	9.3	11.9	6.5	9.5	2.0	5.8	20.5
USA, South Dakota (2001-2012)	11	5.4	7.8	2.8	32	10.7	17.0	4.1	4.5	3.1	9.0	29.2
USA, South Dakota, NH White (2001-2012)	9	5.6	7.4	3.6	28	11.6	18.4	4.3	4.0	4.0	9.4	32.3
USA, Tennessee (1999-2012)	77	4.7	4.0	5.5	201	8.4	10.0	6.8	6.7	1.8	5.2	21.3
USA, Tennessee, Black (1999-2012)	25	6.6	3.7	9.7	33	6.6	3.9	9.3	5.8	6.6	7.8	6.3
USA, Tennessee, NH White (1999-2012)	45	3.9	3.7	4.2	152	8.8	11.3	6.1	6.5	0.3	4.5	25.4
USA, Texas (1998-2012)	487	6.1	6.0	6.2	1312	11.8	14.6	8.8	7.4	2.6	8.3	31.4
USA, Texas, API (1998-2012)	17	5.9	5.4	6.3	29	7.6	8.2	7.0	5.9	2.1	10.1	13.7

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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)	45	4.2	2.9	5.6	83	5.6	3.6	7.7	5.7	1.1	5.7	10.3
USA, Texas, Hispanic White (1998-2012)	236	6.8	6.9	6.7	678	14.7	18.7	10.4	7.6	3.2	9.8	42.1
USA, Texas, NH White (1998-2012)	176	5.8	5.8	5.8	487	10.9	14.2	7.3	7.4	2.5	7.3	28.3
USA, Utah (1993-2012)	90	7.2	7.4	6.9	230	13.0	17.2	8.7	10.5	1.4	9.0	32.9
USA, Utah, Hispanic White (1993-2012)	12	8.0	10.4	5.5	29	15.2	20.1	9.9	17.2	2.0	2.3	40.1
USA, Utah, NH White (1993-2012)	72	7.0	7.1	6.9	194	13.1	17.6	8.6	10.0	1.2	9.4	34.2
USA, Utah, White (1993-2012)	84	7.2	7.6	6.7	223	13.4	18.0	8.7	11.0	1.3	8.6	34.8
USA, Vermont (1998-2012)	7	5.0	6.1	3.8	27	10.2	13.4	6.8	10.2	1.8	1.6	28.3
USA, Vermont, NH White (1998-2012)	7	5.3	6.5	4.0	25	10.2	13.5	6.6	10.8	1.9	1.7	26.9
USA, Virginia (1998-2012)	98	4.3	3.4	5.3	245	7.6	9.0	6.0	4.6	2.3	6.1	18.7
USA, Virginia, Black (1998-2012)	20	3.5	1.7	5.4	40	5.0	3.6	6.5	2.3	3.4	5.3	10.2
USA, Virginia, Hispanic White (1998-2012)	6	3.5	5.7	1.3	12	5.5	9.5	1.0	4.4	0.0	6.3	12.1
USA, Virginia, NH White (1998-2012)	60	4.3	3.6	5.0	172	8.4	10.8	5.8	5.1	1.7	6.0	22.5
USA, Washington State (1998-2012)	88	4.7	4.6	4.8	262	9.5	11.4	7.6	6.9	1.1	5.8	26.1
USA, Washington State, Hispanic White (1998-2012)	12	4.4	5.1	3.8	27	7.9	7.9	8.0	3.0	2.2	8.8	20.0
USA, Washington State, NH White (1998-2012)	61	4.9	5.0	4.8	200	10.3	13.1	7.3	7.9	0.7	5.5	28.8
USA, Washington, Seattle (1993-2012)	82	4.9	4.1	5.7	229	9.8	10.9	8.5	5.9	1.1	7.8	26.4
USA, Washington, Seattle, API (1993-2012)	13	7.8	4.9	10.7	22	9.5	6.1	13.0	8.8	3.7	10.9	15.5
USA, Washington, Seattle, Hispanic White (1993-2012)	4	2.8	2.7	2.9	13	7.3	7.5	7.1	1.8	2.1	4.9	23.0
USA, Washington, Seattle, NH White (1993-2012)	62	5.2	4.6	5.9	186	10.9	13.0	8.6	6.7	0.5	8.5	30.4
USA, Washington, Seattle, White (1993-2012)	66	4.9	4.4	5.5	199	10.5	12.5	8.4	6.1	0.7	8.1	29.7
USA, West Virginia (1998-2012)	28	5.8	5.0	6.5	66	9.2	10.6	7.6	7.1	1.9	8.3	20.8
USA, West Virginia, NH White (1998-2012)	28	6.2	5.4	7.0	65	9.7	11.1	8.2	7.7	2.0	8.8	21.8
USA, Wisconsin (1998-2012)	87	5.2	5.4	5.0	291	11.5	14.1	8.8	6.5	1.5	7.7	33.3
USA, Wisconsin, NH White (1998-2012)	63	4.8	6.1	3.5	233	11.4	15.4	7.2	5.9	1.2	7.5	34.1
USA, Wyoming (1998-2012)	7	4.7	3.9	5.7	20	8.6	11.7	5.2	7.7	3.9	1.8	21.8
<b>ASIA</b>												
BAHRAIN (1998-2012)	17	5.4	6.2	4.5	23	5.6	5.8	5.5	5.5	1.9	9.1	6.5
CHINA, 6 registries (1990-2013)	467	8.3	8.9	7.7	929	10.1	10.0	10.2	10.7	3.7	10.2	16.3
CHINA, Beijing (2000-2013)	96	5.6	4.1	7.3	197	6.6	4.7	8.5	6.8	2.7	7.4	9.8
CHINA, Dalian (2003-2012)	6	3.2	3.2	3.1	18	4.9	4.8	4.9	4.9	1.5	2.6	10.9
CHINA, Guangzhou (2010-2012)	33	10.1	12.7	7.1	55	10.8	13.0	8.3	12.8	7.9	9.0	13.3
CHINA, Hong Kong (1990-2013)	274	11.3	13.2	9.2	526	14.2	15.7	12.6	15.5	4.5	13.1	24.2
CHINA, Shanghai (2002-2012)	41	6.4	5.7	7.2	99	8.5	6.2	10.9	4.6	3.0	12.7	15.8
CHINA, Zhongshan (2003-2012)	17	5.1	6.6	3.4	34	7.4	7.1	7.6	8.8	0.8	4.9	15.3
INDIA, 7 registries (1990-2013)	473	2.8	2.2	3.4	965	3.9	2.6	5.4	3.6	1.1	3.6	7.7
INDIA, Bangalore (1993-2011)	74	2.4	1.7	3.1	140	3.2	2.0	4.5	2.4	1.3	3.6	6.0
INDIA, Chennai (1993-2013)	67	3.1	2.2	4.0	136	4.3	2.3	6.4	4.0	1.1	4.1	8.3
INDIA, Kollam (2006-2012)	12	2.8	3.1	2.5	27	4.6	3.7	5.5	3.1	0.7	4.7	10.7
INDIA, Mumbai (1993-2012)	179	2.9	2.5	3.4	350	3.9	3.0	5.0	4.0	1.3	3.3	7.0
INDIA, Nagpur (1990-2012)	38	2.9	1.7	4.2	90	4.7	2.3	7.3	4.4	0.2	3.9	10.9
INDIA, New Delhi (2003-2010)	97	2.6	2.1	3.2	207	4.0	2.6	5.7	3.3	1.2	3.3	8.5
INDIA, Trivandrum (2005-2012)	6	2.6	1.1	4.2	15	4.8	2.6	7.1	1.4	1.6	5.2	12.4
IRAN, Golestan (2004-2011)	16	4.5	3.5	5.5	41	6.8	5.0	8.6	5.3	2.8	5.2	14.8
ISRAEL (1990-2012)	158	3.8	2.5	5.3	352	6.5	6.5	6.6	4.3	2.0	5.1	15.9
ISRAEL, Jews (1990-2012)	122	4.0	2.3	5.8	291	7.2	7.3	7.1	4.4	2.0	5.8	18.2
ISRAEL, Non-Jews (1990-2012)	36	3.2	2.7	3.8	61	4.4	3.9	5.0	4.1	2.1	3.3	8.5
JAPAN, 8 registries (1990-2013)	527	8.6	8.7	8.5	936	10.5	10.7	10.2	9.3	5.8	10.8	16.9
JAPAN, Aichi (2008-2012)	44	8.4	9.7	7.0	74	10.2	9.9	10.5	9.2	9.6	6.0	16.4
JAPAN, Hiroshima (1990-2012)	44	10.4	8.5	12.5	97	15.4	14.4	16.4	9.9	5.9	16.2	32.5
JAPAN, Miyagi (1990-2010)	62	7.9	8.9	6.9	128	10.7	12.0	9.3	7.4	5.9	10.7	20.2
JAPAN, Nagasaki (1993-2012)	47	10.5	10.9	10.0	84	12.7	12.8	12.5	13.8	7.2	9.7	20.3
JAPAN, Niigata (2003-2012)	31	9.0	9.4	8.7	47	10.1	11.0	9.1	5.2	8.5	14.7	13.7
JAPAN, Osaka (1990-2012)	262	9.0	8.9	9.0	415	9.8	9.8	9.7	10.6	5.2	11.0	12.6
JAPAN, Tochigi (2005-2012)	12	4.9	3.3	6.6	29	8.7	8.2	9.2	7.4	4.1	10.4	21.9
JAPAN, Yamagata (1990-2013)	25	5.3	5.7	4.9	62	9.3	10.2	8.3	4.6	2.1	9.8	22.9
JORDAN (2000-2012)	110	4.1	3.6	4.7	204	5.8	5.3	6.4	5.6	1.5	5.1	11.8
REPUBLIC OF KOREA (1999-2012)	1260	9.9	9.8	10.0	2243	12.2	11.2	13.4	11.1	5.5	13.1	20.4
REPUBLIC OF KOREA, Busan (1999-2012)	81	9.6	9.8	9.4	161	12.2	10.7	14.0	9.8	6.5	12.7	21.4
REPUBLIC OF KOREA, Daegu (1999-2012)	67	10.6	9.7	11.8	130	13.6	12.8	14.5	14.6	3.2	13.5	23.8
REPUBLIC OF KOREA, Daejeon (1999-2012)	51	12.7	12.6	12.8	68	12.3	12.8	11.8	16.3	4.3	17.2	11.0
REPUBLIC OF KOREA, Gwangju (1997-2012)	53	10.8	12.5	8.8	85	12.3	13.3	11.2	10.1	8.0	14.7	17.6
REPUBLIC OF KOREA, Incheon (1998-2012)	75	9.5	9.6	9.4	127	11.4	11.2	11.6	10.6	4.8	13.2	17.9
REPUBLIC OF KOREA, Jeju (2000-2012)	14	8.8	5.1	12.9	23	10.9	9.1	12.8	4.6	11.6	11.4	18.0
REPUBLIC OF KOREA, Seoul (1995-2012)	316	9.7	9.1	10.3	559	11.6	10.2	13.1	10.9	5.0	13.2	18.2
REPUBLIC OF KOREA, Ulsan (2001-2012)	26	9.1	8.0	10.5	45	11.3	8.7	14.5	8.0	6.5	13.4	18.9
KUWAIT (1994-2012)	40	3.3	3.4	3.2	51	3.3	3.6	3.1	4.0	1.5	4.4	3.4
KUWAIT, Kuwaitis (1994-2012)	25	3.5	3.6	3.5	35	3.9	4.4	3.4	4.6	1.7	4.2	5.3
KUWAIT, Non-Kuwaitis (1994-2012)	15	3.0	3.1	2.9	16	2.5	2.4	2.6	3.3	1.2	4.7	0.7
LEBANON (2008-2010)	4	1.1	0.5	1.7	18	3.4	2.9	4.0	0.9	1.6	0.8	11.3
PAKISTAN, Karachi (1995-2002)	19	3.4	1.8	5.1	38	5.6	2.5	9.0	3.5	1.0	5.8	13.2
PAKISTAN, Lahore (2008-2012)	43	2.4	1.7	3.1	79	3.3	2.2	4.6	3.3	0.8	2.9	6.7
PHILIPPINES, 2 registries (1993-2012)	352	4.7	4.3	5.2	675	6.7	4.7	8.6	6.5	2.2	5.3	13.5
PHILIPPINES, Manila (1993-2012)	179	5.2	4.6	5.8	335	7.1	5.2	8.8	7.3	2.3	5.7	13.6
PHILIPPINES, Rizal (1993-2012)	173	4.3	3.9	4.7	340	6.4	4.3	8.3	5.8	2.1	4.9	13.3
QATAR (2002-2014)	15	5.1	3.4	7.1	25	6.8	3.6	11.1	3.6	2.0	10.5	12.5
SAUDI ARABIA, Riyadh (1994-2012)	105	3.2	2.7	3.7	185	4.5	3.8	5.2	4.2	1.4	3.8	9.2
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	14	2.5	2.4	2.6	24	3.8	4.0	3.5	5.1	1.5	0.0	8.2
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	91	3.3	2.7	3.9	161	4.7	3.8	5.5	3.9	1.4	4.5	9.4
THAILAND, 6 registries (1993-2013)	246	6.0	5.3	6.6	479	7.9	6.5	9.2	5.4	3.2	9.9	14.4
THAILAND, Bangkok (2001-2012)	100	7.4	7.6	7.1	182	8.8	8.4	9.0	7.2	3.1	12.3	13.5
THAILAND, Chiang Mai (1993-2012)	43	6.9	5.1	8.8	76	8.5	5.5	11.7	5.8	2.6	13.3	14.1
THAILAND, Chonburi (1998-2012)	18	4.7	6.9	2.4	41	7.6	8.4	6.8	4.9	2.4	7.1	17.7
THAILAND, Khon Kaen (1993-2012)	47	6.0	4.1	7.9	93	8.2	5.6	10.9	4.8	4.4	9.2	15.9
THAILAND, Lampang (1993-2013)	11	3.9	1.8	6.1	33	7.2	4.0	10.6	4.7	3.0	3.6	18.8

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries



## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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)	27	3.9	3.1	4.8	54	5.6	4.5	6.8	2.5	2.8	7.2	11.4
TURKEY, paediatric (2009-2011)	204	3.8	3.1	4.5	-	-	-	-	6.3	1.5	3.0	-
TURKEY, 8 registries (1992-2012)	214	5.6	5.0	6.3	494	8.8	9.9	7.6	8.4	2.0	5.9	19.6
TURKEY, Ankara (2008-2012)	39	7.2	6.6	7.7	86	11.4	12.9	9.8	8.1	2.3	11.4	25.9
TURKEY, Antalya (1998-2012)	41	6.8	5.0	8.6	80	9.5	9.0	10.1	9.0	3.4	7.6	19.0
TURKEY, Bursa (2004-2012)	22	4.7	4.2	5.2	56	8.0	9.2	6.7	9.0	1.2	2.8	19.2
TURKEY, Erzurum (2006-2012)	6	4.3	2.9	5.7	15	7.1	6.4	7.8	9.7	0.0	1.7	16.8
TURKEY, İzmir (1992-2012)	80	5.2	4.7	5.7	196	8.3	9.5	7.1	7.6	1.9	5.6	19.2
TURKEY, Samsun (2003-2012)	17	6.2	5.5	6.9	29	7.2	8.6	5.7	11.0	1.9	4.4	10.6
TURKEY, Trabzon (2003-2012)	6	3.8	5.0	2.6	21	8.0	13.1	2.7	6.2	0.0	4.8	22.3
VIET NAM, Ho Chi Minh City (1995-2013)	141	6.1	6.1	6.0	217	6.2	5.3	7.0	9.7	2.6	5.1	6.7
<b>EUROPE</b>												
AUSTRIA (1990-2012)	135	4.4	3.6	5.2	466	10.1	12.9	7.1	5.0	1.8	6.3	29.7
BELARUS, paediatric (1990-2014)	195	4.4	2.7	6.2	409	6.1	4.5	7.8	5.6	2.1	5.3	11.9
BELGIUM (2004-2013)	110	6.2	4.4	8.0	278	10.7	12.8	8.6	8.9	2.7	6.5	26.3
BULGARIA (1990-2013)	103	3.4	3.0	3.8	335	6.8	7.0	6.5	4.6	1.0	4.6	18.3
CROATIA (2001-2014)	43	4.3	3.9	4.8	140	9.5	13.6	5.1	3.1	3.2	7.3	27.2
CYPRUS, South-West (1998-2012)	9	4.7	3.6	4.6	41	11.3	14.7	7.7	5.9	0.0	6.2	36.1
CZECH REPUBLIC (1990-2012)	194	4.9	4.1	5.6	689	10.4	13.1	7.7	5.8	2.4	6.4	29.7
ESTONIA (1990-2012)	34	6.0	5.3	6.7	73	8.6	9.0	8.1	7.9	3.1	6.7	17.5
FRANCE, paediatric (2000-2012)	847	5.8	5.0	6.6	-	-	-	-	7.6	2.5	7.1	-
FRANCE, 13 registries (1993-2012)	148	4.8	4.2	5.5	420	9.3	11.4	7.1	6.5	2.1	5.6	24.6
FRANCE, Bas-Rhin (1993-2011)	13	3.4	2.9	3.8	50	8.9	12.1	5.7	3.3	0.0	7.2	28.1
FRANCE, Calvados (1990-2012)	16	5.6	8.3	2.7	39	9.1	14.6	3.3	7.4	2.0	7.0	21.1
FRANCE, Doubs (1993-2012)	8	4.4	4.2	4.6	26	9.0	11.8	6.1	7.7	1.5	3.0	24.9
FRANCE, Gironde (2008-2012)	9	7.0	7.6	6.3	17	9.3	10.8	7.8	7.2	2.4	11.7	17.3
FRANCE, Haut-Rhin (1993-2012)	15	5.2	5.2	5.2	43	11.0	15.1	6.6	4.4	3.2	8.5	31.0
FRANCE, Hérault (1993-2012)	12	3.8	3.8	3.8	37	7.4	9.4	5.5	6.5	1.8	2.6	19.9
FRANCE, Isère (1993-2012)	22	4.8	2.6	7.1	49	7.6	7.1	8.2	5.4	2.0	7.2	17.4
FRANCE, Loire-Atlantique and Vendée (1998-2012)	30	6.2	4.6	7.8	81	11.3	13.0	9.4	10.4	4.0	2.9	28.8
FRANCE, Manche (1994-2012)	6	4.0	2.8	5.3	17	7.4	8.1	6.5	9.1	0.0	1.6	18.9
FRANCE, Somme (1993-2012)	8	4.1	2.9	5.3	29	9.1	9.6	8.7	7.2	2.8	1.4	26.5
GERMANY, paediatric (1996-2012)	979	4.9	4.1	5.7	-	-	-	-	6.5	2.3	5.7	-
GERMANY, 6 Eastern registries (2001-2007)	45	3.4	3.9	2.7	261	9.0	13.6	4.2	5.5	0.5	3.7	28.7
GERMANY, 5 Western registries (1994-2012)	227	4.6	4.0	5.2	794	10.4	14.0	6.6	5.6	2.3	5.9	30.3
GERMANY, Bavaria (2002-2012)	76	3.9	3.8	3.9	302	9.6	13.3	5.8	5.3	1.8	4.2	29.5
GERMANY, Lower Saxony (2003-2012)	60	5.0	4.5	5.5	213	11.4	15.9	6.6	5.5	2.8	6.8	33.5
GERMANY, Rhine-Pfalz (1998-2012)	53	6.1	4.6	7.6	136	10.2	12.9	7.2	8.4	3.3	6.0	24.3
GERMANY, Saarland (1994-2012)	10	3.2	4.4	2.0	39	8.6	12.5	4.6	1.2	3.2	5.9	27.4
GERMANY, Schleswig-Holstein (2000-2012)	28	4.8	2.7	6.9	104	12.3	14.9	9.5	4.3	1.1	9.5	38.2
HUNGARY, paediatric (1991-2014)	139	3.5	2.6	4.5	-	-	-	-	4.6	1.7	4.1	-
ICELAND (1990-2014)	6	3.8	3.9	3.7	22	9.5	12.7	6.3	5.4	3.7	1.8	29.2
IRELAND (1994-2012)	75	4.6	4.3	4.8	220	9.0	11.4	6.5	6.0	2.6	4.9	24.4
ITALY, 2 paediatric registries (1998-2011)	50	6.1	6.4	5.9	127	10.8	14.2	7.1	9.5	2.1	6.1	26.8
ITALY, Marche, paediatric (1998-2007)	15	8.1	9.1	7.0	36	13.0	15.8	10.1	12.7	1.6	9.1	29.9
ITALY, Piedmont, paediatric (1990-2011)	62	5.4	5.2	5.7	-	-	-	-	8.2	1.8	5.7	-
ITALY, Piedmont, paediatric (2000-2011)	35	5.6	5.6	5.6	91	10.1	13.8	6.2	8.6	2.3	5.1	25.8
ITALY, 26 registries (1992-2013)	197	4.8	4.2	5.4	619	10.0	13.0	6.9	5.8	2.1	6.5	28.0
ITALY, Brescia (1999-2012)	9	4.0	4.3	3.6	26	8.5	11.3	5.5	3.8	1.4	7.2	24.1
ITALY, Catania (2003-2013)	10	2.9	2.9	2.9	38	7.2	10.8	3.3	2.0	2.8	4.3	21.8
ITALY, Friuli-Venezia Giulia (1995-2010)	12	5.7	4.5	6.9	39	12.1	14.6	9.5	10.5	1.3	4.0	34.3
ITALY, Milan (1999-2007)	5	3.8	2.9	4.7	21	11.9	15.3	8.3	2.1	0.0	10.1	39.7
ITALY, Modena (1990-2012)	9	4.6	4.1	5.2	27	9.4	13.3	5.3	4.6	1.6	8.0	26.0
ITALY, Naples (1996-2012)	16	6.8	6.8	6.8	39	11.2	12.9	9.5	7.9	3.8	8.6	26.5
ITALY, Parma (1992-2013)	10	9.2	6.9	11.8	21	13.7	17.9	9.1	10.8	2.8	14.3	29.0
ITALY, Ragusa (1992-2012)	10	8.5	5.0	12.2	18	10.1	9.0	11.2	16.6	4.6	2.1	15.6
ITALY, Reggio Emilia (1996-2012)	3	2.5	1.6	3.4	12	7.5	10.9	3.9	0.0	2.6	5.6	25.1
ITALY, Romagna (1990-2012)	14	4.9	3.5	6.3	36	8.3	8.7	7.9	6.2	2.1	6.2	20.1
ITALY, Salerno (1997-2009)	11	4.2	4.1	4.4	38	9.9	13.7	5.9	2.8	1.3	9.4	29.4
ITALY, Sassari (1992-2011)	2	1.2	1.2	1.2	23	9.3	11.7	6.7	0.0	0.0	4.1	37.1
ITALY, Turin (1992-2012)	9	4.0	5.3	2.6	32	9.6	13.9	4.9	2.6	2.8	7.1	28.9
ITALY, Umbria (1994-2011)	16	8.2	8.4	8.0	43	14.9	19.4	10.1	8.0	4.9	12.3	37.7
ITALY, Varese (1992-2012)	11	4.9	1.9	8.0	34	9.6	11.4	7.8	8.9	0.0	5.0	26.0
ITALY, Veneto (1992-2009)	30	5.1	4.8	5.5	98	10.9	14.2	7.4	7.4	2.0	5.5	30.7
LITHUANIA (2000-2012)	26	3.8	2.6	5.0	67	5.9	5.1	6.7	5.5	1.8	3.9	12.9
MALTA (1994-2013)	4	2.7	0.0	5.5	11	4.9	3.9	5.9	2.3	2.1	3.8	12.5
THE NETHERLANDS (1993-2013)	313	5.2	4.5	5.9	943	11.0	15.2	6.7	6.8	2.2	6.4	31.1
NORWAY (1990-2013)	113	5.3	5.6	4.9	373	12.4	17.7	6.9	6.0	2.1	7.9	37.1
POLAND (2001-2013)	314	4.0	3.8	4.2	1285	9.2	12.4	5.9	5.5	1.7	4.4	27.1
POLAND, Greater Poland (1999-2013)	38	4.6	4.7	4.5	174	11.5	16.6	6.1	8.7	0.3	3.9	35.1
POLAND, Kielce (1990-2013)	28	5.0	3.6	6.3	77	8.7	9.0	8.4	5.7	1.1	8.2	21.6
POLAND, Lower Silesia (2000-2013)	31	5.2	5.5	4.8	106	10.1	13.3	6.7	7.5	1.5	6.2	27.0
POLAND, Lublin (1999-2013)	26	4.2	2.1	6.5	99	9.8	11.5	7.9	3.0	2.2	8.0	29.0
PORTUGAL (1991-2012)	140	5.2	5.3	5.0	324	8.1	9.6	6.4	6.3	2.7	6.5	17.9
PORTUGAL, Centre (2000-2010)	22	6.2	5.3	7.0	47	8.5	8.6	8.5	11.4	0.8	5.1	16.7
PORTUGAL, North (1991-2010)	54	4.8	6.0	3.5	133	7.6	10.4	4.8	6.7	1.6	5.8	17.3
PORTUGAL, South (1998-2012)	59	5.2	4.7	5.8	133	8.3	9.4	7.2	4.3	4.1	7.7	18.9
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	47	5.2	3.1	7.4	-	-	-	-	6.7	1.5	7.2	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	44	3.8	2.7	5.0	105	5.7	4.3	7.1	4.3	2.5	4.6	12.0
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	11	4.1	2.3	6.1	24	5.9	3.0	8.8	5.0	2.3	4.9	11.8
RUSSIAN FEDERATION, Samara (1998-2015)	33	3.7	2.8	4.7	81	5.6	4.6	6.7	4.0	2.6	4.6	12.0
SLOVAKIA (1990-2009)	106	5.3	6.5	4.2	410	12.0	17.4	6.3	8.9	1.4	5.0	34.8
SLOVAKIA, paediatric (2000-2012)	77	6.5	6.2	6.9	-	-	-	-	9.0	1.6	8.8	-
SLOVENIA (1991-2012)	45	6.5	4.7	8.4	137	12.2	14.3	10.0	8.3	3.9	7.0	32.0
SPAIN, 2 paediatric registries (1991-2013)	222	4.6	4.4	4.8	-	-	-	-	5.5	2.5	5.9	-

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## X. Germ cell tumours, trophoblastic tumours, and neoplasms of gonads

	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, Selected regions, paediatric (2000-2013)	175	5.1	5.2	4.9	-	-	-	-	6.2	3.2	5.8	-
SPAIN, Valencia, paediatric (1991-2010)	47	3.3	2.2	4.4	-	-	-	-	3.3	0.7	6.1	-
SPAIN, 11 registries (1990-2013)	150	4.7	4.1	5.4	411	8.1	9.5	6.7	5.5	3.4	5.1	19.9
SPAIN, Asturias (1992-2010)	17	7.5	7.4	7.6	34	9.1	9.6	8.7	8.9	5.4	7.8	14.9
SPAIN, Balearic Islands (1990-2012)	14	5.4	3.3	7.5	30	7.7	9.1	6.3	6.8	3.5	5.5	16.0
SPAIN, Basque Country (1990-2012)	28	4.6	3.5	5.7	97	9.0	10.6	7.4	7.2	2.8	2.9	24.4
SPAIN, Canary Islands (1993-2011)	25	5.3	6.4	4.1	59	7.9	10.5	5.3	6.4	2.5	6.8	17.0
SPAIN, Girona (1990-2013)	7	2.9	2.6	3.2	22	6.2	7.6	4.6	1.3	4.0	3.8	17.4
SPAIN, Granada (1992-2013)	13	3.8	2.9	4.7	40	7.6	8.7	6.5	3.8	0.9	6.9	20.8
SPAIN, Murcia (1991-2009)	21	5.0	3.8	6.2	56	8.6	9.0	8.2	5.1	5.8	4.0	20.9
SPAIN, Navarra (1990-2010)	5	3.1	1.1	5.2	21	7.5	8.2	6.7	3.6	5.3	0.0	22.5
SPAIN, Tarragona (1990-2011)	12	5.3	4.6	6.1	26	7.8	10.4	5.2	6.8	1.4	7.8	16.1
SWEDEN (1990-2011)	155	4.5	4.1	4.9	450	8.9	11.2	6.5	6.2	2.1	4.9	24.1
SWITZERLAND, paediatric (1990-2013)	133	4.6	4.8	4.4	-	-	-	-	5.9	1.9	5.9	-
SWITZERLAND, 7 registries (1990-2013)	51	4.9	5.0	4.7	155	10.2	13.8	6.4	6.8	0.8	6.8	28.5
SWITZERLAND, Geneva (1993-2013)	4	2.4	2.4	2.5	19	8.7	12.6	4.7	0.0	0.0	8.3	30.5
SWITZERLAND, Vaud (1993-2012)	13	5.9	5.5	6.3	24	7.8	8.3	7.3	6.9	2.7	8.1	14.6
SWITZERLAND, Zurich (1993-2013)	18	4.7	6.0	3.2	60	10.5	15.6	5.2	8.6	0.0	4.5	30.8
UKRAINE (2002-2012)	354	4.8	3.6	6.0	868	6.8	5.4	8.4	6.4	2.5	5.0	14.0
UK (2000-2011)	581	4.4	4.0	4.8	1723	8.9	11.5	6.2	5.4	1.9	5.9	24.5
UK, England (1990-2013)	948	4.3	3.8	4.7	2596	8.3	10.4	6.1	5.0	2.0	5.7	22.1
UK, England and Wales, paediatric (1991-2010)	942	4.8	4.3	5.4	-	-	-	-	6.2	2.2	6.0	-
UK, Northern Ireland (1993-2013)	24	3.2	3.9	2.5	82	7.3	10.6	4.0	4.8	0.8	3.7	21.6
UK, Scotland (1991-2013)	82	4.0	3.9	4.0	254	8.3	10.5	6.1	5.4	1.0	5.4	23.3
UK, Wales (2000-2011)	30	4.9	4.1	5.6	102	10.7	15.4	5.7	7.0	1.9	5.3	30.7
<b>OCEANIA</b>												
AUSTRALIA (1992-2014)	493	5.7	5.7	5.7	1300	10.5	13.5	7.4	7.9	2.0	6.8	27.0
AUSTRALIA, Indigenous (1992-2014)	10	4.2	5.9	2.4	24	8.2	9.4	6.9	4.6	1.2	6.9	21.9
AUSTRALIA, Australian Capital Territory (1992-2012)	5	3.6	3.3	4.0	18	8.4	11.8	4.8	4.3	2.2	4.3	24.8
AUSTRALIA, New South Wales (1992-2012)	147	5.4	5.5	5.3	406	10.4	13.6	7.1	7.7	1.7	6.4	27.8
AUSTRALIA, Queensland (1992-2013)	105	6.2	6.4	5.9	290	11.9	15.3	8.2	8.5	2.2	7.3	31.5
AUSTRALIA, South Australia (1992-2012)	33	5.3	4.5	6.1	72	8.2	10.0	6.2	5.5	2.4	8.1	18.1
AUSTRALIA, Tasmania (1992-2013)	17	8.1	8.2	8.0	32	10.8	12.8	8.6	12.7	2.7	7.9	20.0
AUSTRALIA, Victoria (1992-2014)	119	5.5	5.4	5.5	325	10.3	13.2	7.2	7.8	2.2	6.0	26.8
AUSTRALIA, Western Australia (1992-2014)	64	6.8	6.5	7.2	145	10.9	13.6	8.0	9.5	2.2	8.4	24.7
FRANCE, 2 registries (1990-2013)	14	5.0	4.9	5.0	32	8.0	9.2	6.7	9.1	1.0	3.9	18.3
FRANCE, New Caledonia (1990-2013)	7	5.3	5.8	4.7	13	6.9	8.2	5.6	10.6	0.0	4.1	12.7
NEW ZEALAND (1993-2012)	120	6.9	7.1	6.7	292	12.0	14.0	9.9	9.3	2.2	8.9	29.4
NEW ZEALAND, API (1993-2012)	24	15.5	15.5	15.5	39	19.6	17.0	22.3	16.2	5.8	25.3	33.8
NEW ZEALAND, Maori (1993-2012)	34	7.9	8.7	7.0	86	15.8	20.8	10.7	10.8	2.1	10.5	43.0
NEW ZEALAND, Other (1993-2012)	62	5.4	5.4	5.5	167	9.8	11.4	8.2	7.7	1.8	6.4	25.1
NEW ZEALAND, paediatric (2000-2012)	69	6.0	5.9	6.0	-	-	-	-	7.8	2.1	7.8	-
NEW ZEALAND, paediatric, Maori (2000-2012)	22	7.7	8.2	7.1	-	-	-	-	9.8	2.1	10.9	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	47	5.4	5.2	5.7	-	-	-	-	7.1	2.1	6.9	-

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