

VIII. Malignant bone 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				
AFRICA												
ALGERIA, 5 registries (1996-2014)	127	6.6	7.9	5.3	247	9.1	11.0	7.1	2.3	5.1	14.1	17.7
ALGERIA, Algiers (2008-2012)	37	10.5	11.6	9.4	67	12.9	15.9	9.9	6.8	9.3	16.8	21.3
ALGERIA, Sétif (1996-2014)	53	5.5	6.1	4.8	104	7.8	8.7	6.9	1.5	3.3	13.2	15.7
ALGERIA, Tiemcen (2006-2014)	12	4.9	6.1	3.8	28	8.3	10.2	6.4	0.0	7.2	9.0	19.9
BOTSWANA (1999-2007)	20	3.2	2.5	3.9	41	5.2	5.5	4.8	0.5	2.1	8.1	11.8
CAMEROON, Yaoundé (2004-2006)	4	1.7	0.8	2.5	13	4.6	6.7	2.6	0.0	2.5	3.0	14.7
EGYPT, Gharbiah (1999-2010)	91	5.3	5.2	5.5	172	7.5	8.3	6.6	1.5	5.1	10.7	14.8
FRANCE, Réunion (1990-2011)	27	5.6	6.5	4.7	44	7.0	8.7	5.3	1.4	6.1	10.8	11.8
KENYA, 2 registries (2000-2012)	55	5.3	6.2	4.4	131	9.9	12.9	7.3	0.7	3.4	13.5	25.7
KENYA, Eldoret (2000-2011)	17	4.0	5.2	2.9	41	8.2	10.1	6.4	0.0	3.6	9.9	22.6
KENYA, Nairobi (2006-2012)	38	6.1	6.8	5.5	90	10.9	14.7	8.0	1.1	3.2	16.1	27.5
LIBYA, Benghazi (2003-2008)	16	5.0	6.0	4.0	22	5.2	6.4	4.0	2.0	3.1	11.1	6.0
MALI, Bamako (2005-2014)	61	8.4	7.8	9.0	97	9.7	11.2	8.6	5.0	5.0	16.7	14.1
MAURITIUS (2001-2013)	19	4.5	7.5	1.5	27	4.9	7.2	2.5	0.9	6.3	7.5	6.1
MOROCCO, 2 registries (2005-2012)	85	8.7	9.5	8.0	163	12.2	13.8	10.6	3.0	8.2	16.9	24.0
MOROCCO, Casablanca (2005-2012)	76	8.7	10.0	7.5	147	12.4	14.2	10.5	2.3	8.5	17.6	24.8
SOUTH AFRICA, paediatric (1998-2012)	391	1.6	1.8	1.5	-	-	-	-	0.4	1.4	3.6	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	13	2.9	1.7	4.1	-	-	-	-	0.0	3.9	5.7	-
SOUTH AFRICA, paediatric, Black (1998-2012)	270	1.4	1.5	1.2	-	-	-	-	0.3	1.1	3.1	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	41	2.0	1.7	2.2	-	-	-	-	0.3	1.9	4.3	-
SOUTH AFRICA, paediatric, White (1998-2012)	67	5.0	5.4	4.5	-	-	-	-	1.6	5.3	9.1	-
TUNISIA, 2 registries (1993-2007)	124	5.7	6.1	5.2	221	7.5	8.2	6.9	0.9	5.1	12.8	13.9
TUNISIA, Central (1993-2007)	12	4.8	4.9	4.7	16	4.9	4.9	4.9	0.0	4.2	11.9	5.2
TUNISIA, North (1994-2006)	112	5.8	6.3	5.3	205	7.9	8.6	7.1	1.0	5.2	12.9	15.0
UGANDA, Kampala (1996-2013)	69	4.9	5.2	4.6	129	6.8	8.1	5.8	1.2	4.0	10.9	13.3
ZIMBABWE, Harare (1995-2013)	50	6.0	6.2	5.8	94	8.0	8.9	7.2	2.3	3.4	14.0	14.9
AMERICA, LATIN AND THE CARIBBEAN												
ARGENTINA, paediatric (2000-2013)	877	5.6	5.8	5.3	-	-	-	-	1.3	5.1	11.7	-
ARGENTINA, 6 registries (1991-2013)	157	6.4	7.3	5.5	245	7.6	9.3	5.9	1.5	5.2	14.3	11.8
ARGENTINA, Chaco (2002-2012)	28	7.1	7.5	6.6	45	8.6	9.8	7.4	2.6	6.7	13.5	14.1
ARGENTINA, Córdoba (2004-2012)	52	6.3	5.9	6.7	86	7.9	9.1	6.6	1.2	4.9	14.7	13.3
ARGENTINA, Entre Ríos (2001-2011)	19	5.0	7.2	2.8	23	4.7	6.8	2.6	1.8	3.5	11.1	3.6
ARGENTINA, Mendoza (2003-2012)	36	7.1	9.7	4.5	57	8.6	10.6	6.4	1.3	6.7	15.3	13.5
ARGENTINA, Neuquén (2003-2013)	13	6.4	9.5	3.3	20	7.7	12.0	3.3	1.7	3.4	16.1	12.2
BRAZIL, 5 registries (1995-2012)	146	7.1	7.3	7.0	289	9.9	11.6	8.3	2.2	7.1	13.8	19.5
BRAZIL, Aracaju (1996-2012)	12	4.6	4.7	4.5	24	6.6	6.8	6.4	1.4	1.4	12.4	13.5
BRAZIL, Belo Horizonte (2000-2006)	33	7.5	7.7	7.4	62	9.9	11.7	8.2	1.6	7.1	16.0	18.1
BRAZIL, Curitiba (1998-2010)	46	8.2	9.1	7.2	86	10.7	12.5	8.9	4.2	10.2	11.3	19.5
BRAZIL, Goiânia (1995-2011)	40	7.2	5.9	8.4	82	10.3	11.6	9.2	1.3	6.2	16.1	21.2
BRAZIL, João Pessoa (1999-2010)	15	6.5	8.5	4.5	35	10.6	14.6	6.8	1.6	7.4	12.2	24.8
CHILE, paediatric (2007-2011)	129	6.1	5.8	6.5	-	-	-	-	1.7	5.6	12.7	-
CHILE, 4 registries (1998-2012)	26	5.1	5.6	4.6	53	7.6	9.3	5.7	2.1	4.6	9.7	15.9
COLOMBIA, 4 registries (1992-2013)	110	5.5	5.9	5.1	207	7.8	9.2	6.5	0.4	5.2	12.7	15.7
COLOMBIA, Bucaramanga (2000-2012)	19	4.6	5.3	3.8	31	5.7	6.9	4.4	0.0	3.4	12.0	9.4
COLOMBIA, Cali (1992-2013)	83	6.3	6.7	5.9	157	9.1	10.7	7.6	0.5	6.0	14.4	18.5
COSTA RICA (1993-2012)	114	4.2	3.9	4.6	232	6.6	7.0	6.2	0.4	3.4	10.3	14.8
CUBA (2000-2012)	166	5.3	5.2	5.4	302	7.1	7.2	6.9	1.4	3.5	12.5	13.1
ECUADOR, 5 registries (1993-2013)	141	5.8	6.7	4.8	235	7.3	8.5	6.1	0.6	4.9	13.7	12.8
ECUADOR, Cuenca (1996-2013)	13	4.4	4.7	4.2	23	6.0	6.7	5.2	0.0	1.2	13.9	11.3
ECUADOR, Guayaquil (2008-2012)	20	5.3	6.4	4.2	33	6.8	8.4	5.3	0.9	4.5	12.1	12.0
ECUADOR, Manabí (1995-2011)	22	2.9	2.8	3.1	40	4.1	5.0	3.2	0.5	2.7	6.6	8.0
ECUADOR, Quito (1993-2012)	80	8.8	10.7	6.9	127	10.6	11.9	9.3	0.7	8.7	19.8	16.8
FRANCE, 3 registries (1990-2012)	18	5.2	6.5	3.9	29	6.4	8.8	3.9	2.0	3.8	11.1	10.4
HONDURAS, Francisco Morazán (2002-2012)	31	3.9	3.8	4.1	61	6.2	7.4	5.0	0.4	3.5	9.1	13.9
JAMAICA, Kingston and St Andrew (1982-2012)	16	2.4	1.2	3.6	40	4.5	4.6	4.5	0.0	2.1	6.0	11.8
MEXICO, Mexico City, paediatric (1997-2013)	84	6.5	6.4	6.7	-	-	-	-	2.3	6.1	12.6	-
PERU, Lima (2010-2012)	45	5.9	6.5	5.2	77	7.3	8.8	5.7	1.3	5.1	12.8	12.1
PERU, Trujillo (1990-2002)	11	4.3	4.1	4.5	21	5.9	8.1	4.0	0.0	7.8	6.1	11.4
USA, Puerto Rico (1992-2012)	103	5.1	4.7	5.6	175	6.5	7.0	6.0	1.1	5.0	10.7	11.3
URUGUAY (1993-2012)	124	7.4	7.8	6.9	195	8.8	10.4	7.1	1.8	7.3	14.8	13.7
AMERICA, NORTH												
CANADA, 9 registries (1992-2013)	812	6.3	6.3	6.4	1430	8.2	8.9	7.5	1.9	5.9	12.7	14.7
CANADA, Alberta (1992-2013)	89	5.7	5.2	6.2	172	8.2	8.3	8.0	1.1	5.5	12.0	16.7
CANADA, British Columbia (1992-2013)	120	6.9	7.0	6.8	198	8.3	9.0	7.6	2.7	5.6	14.0	13.2
CANADA, Manitoba (1992-2013)	29	5.0	4.8	5.3	67	8.5	8.9	8.1	1.8	4.5	9.9	20.6
CANADA, Nova Scotia (1992-2013)	23	5.9	8.1	3.6	39	7.2	9.8	4.5	3.7	3.4	11.7	11.7
CANADA, Ontario (1992-2012)	328	6.3	6.1	6.5	571	8.1	8.7	7.5	1.8	5.9	12.7	14.4
CANADA, Quebec (1992-2010)	186	6.7	6.8	6.6	322	8.5	9.3	7.7	2.0	6.4	13.2	14.8
CANADA, Saskatchewan (1992-2013)	34	6.7	6.1	7.2	56	8.1	8.1	8.1	1.4	9.7	10.4	13.0
USA (1998-2012)	6155	6.1	6.2	6.1	10766	8.0	8.8	7.2	1.4	5.5	13.2	14.6
USA, API (1998-2012)	213	4.4	4.5	4.3	381	5.9	6.4	5.3	1.2	4.3	8.9	10.9
USA, Black (1998-2012)	788	4.7	4.5	5.0	1389	6.3	6.8	5.8	0.8	4.3	10.5	11.7
USA, Hispanic White (1998-2012)	1127	6.4	6.4	6.3	1842	8.0	8.8	7.2	1.4	5.4	14.0	13.8
USA, Native American (1998-2012)	62	3.8	4.7	2.9	105	4.9	5.3	4.5	0.6	4.0	8.0	8.5
USA, NH White (1998-2012)	3828	6.4	6.5	6.4	6806	8.5	9.3	7.5	1.5	5.8	13.7	15.4
USA, NPCR (1998-2012)	5869	6.1	6.1	6.1	10277	8.0	8.8	7.2	1.4	5.4	13.2	14.6
USA, NPCR, API (1998-2012)	191	4.3	4.3	4.3	342	5.8	6.1	5.4	1.1	4.0	9.0	10.7
USA, NPCR, Black (1998-2012)	779	4.8	4.5	5.0	1371	6.3	6.8	5.8	0.8	4.3	10.6	11.7
USA, NPCR, Hispanic White (1998-2012)	1085	6.4	6.4	6.3	1769	8.0	8.8	7.2	1.4	5.4	14.1	13.8
USA, NPCR, Native American (1998-2012)	53	3.6	4.4	2.8	94	4.8	5.1	4.4	0.7	3.9	7.2	8.8
USA, NPCR, NH White (1998-2012)	3624	6.4	6.4	6.3	6459	8.4	9.3	7.5	1.6	5.7	13.6	15.4
USA, SEER 18 (1993-2012)	1937	6.2	6.5	5.8	3346	8.1	9.3	6.8	1.4	5.6	13.1	14.6
USA, SEER 18, API (1993-2012)	138	4.8	5.0	4.6	252	6.6	7.6	5.5	1.3	5.2	9.1	12.7

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

VIII. Malignant bone 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)	216	4.6	4.8	4.4	400	6.5	7.5	5.5	0.6	4.8	9.8	13.1
USA, SEER 18, Hispanic White (1993-2012)	508	6.6	6.5	6.6	820	8.2	9.1	7.3	1.6	5.3	14.5	13.8
USA, SEER 18, Native American (1993-2012)	27	4.4	5.5	3.3	36	4.5	5.4	3.6	1.1	3.8	9.4	4.7
USA, SEER 18, NH White (1993-2012)	1031	6.6	7.1	6.1	1813	8.7	10.2	7.2	1.6	6.0	14.1	16.0
USA, SEER 9, Black (1993-2012)	82	4.2	4.5	3.9	146	5.9	6.7	5.0	0.4	3.9	9.8	11.6
USA, SEER 9, White (1993-2012)	573	6.3	6.8	5.8	1020	8.5	10.0	6.9	1.1	5.6	14.0	16.2
USA, Alabama (1998-2012)	65	4.1	3.3	4.8	124	5.8	6.0	5.6	0.0	3.0	10.6	11.9
USA, Alabama, Black (1998-2012)	21	4.0	3.0	5.0	39	5.5	5.1	6.0	0.0	1.4	12.1	11.0
USA, Alabama, NH White (1998-2012)	38	3.8	3.5	4.1	75	5.6	6.4	4.8	0.0	3.5	9.2	11.9
USA, Alaska (1998-2012)	16	6.4	8.6	4.0	29	8.6	10.5	6.7	1.3	9.2	9.9	16.5
USA, Alaska, NH White (1998-2012)	6	4.0	3.9	4.1	17	8.2	7.3	9.1	0.0	8.8	4.0	22.4
USA, Arizona (1998-2012)	128	6.3	6.0	6.5	208	7.8	7.6	7.9	1.2	6.0	13.3	12.9
USA, Arizona, Hispanic White (1998-2012)	39	5.2	4.2	6.3	62	6.5	5.9	7.1	0.4	5.6	11.3	10.9
USA, Arizona, NH White (1998-2012)	72	7.5	7.4	7.6	116	9.0	9.0	9.0	2.1	7.3	14.8	14.2
USA, Arkansas (1998-2012)	49	5.2	4.1	6.4	80	6.4	5.6	7.1	1.4	4.9	10.6	10.4
USA, Arkansas, Black (1998-2012)	7	3.6	2.0	5.3	9	3.6	1.6	5.6	1.7	3.4	6.5	3.2
USA, Arkansas, NH White (1998-2012)	40	6.0	4.9	7.3	68	7.6	7.3	8.0	1.6	5.6	12.5	13.1
USA, California (1998-2012)	800	6.3	6.6	5.9	1369	8.1	9.2	7.0	1.6	5.5	13.4	14.4
USA, California, API (1998-2012)	75	4.9	4.7	5.2	135	6.5	6.9	6.0	2.2	4.5	9.0	11.7
USA, California, Black (1998-2012)	55	4.9	4.3	5.5	98	6.7	7.1	6.2	0.3	4.6	11.3	12.8
USA, California, Hispanic White (1998-2012)	353	6.4	6.5	6.3	564	7.9	8.7	7.0	1.4	5.2	14.3	13.1
USA, California, NH White (1998-2012)	308	7.2	8.3	6.0	557	9.5	11.3	7.6	2.0	6.6	14.7	17.6
USA, California, Greater California (2000-2012)	437	6.9	7.4	6.5	709	8.5	9.7	7.2	1.5	6.7	14.4	13.7
USA, California, Greater California, API (2000-2012)	33	5.6	4.6	6.8	59	7.3	7.4	7.1	2.3	6.2	9.5	12.8
USA, California, Greater California, Black (2000-2012)	21	4.5	4.0	5.1	38	6.2	6.4	5.9	0.0	4.5	10.4	12.1
USA, California, Greater California, Hispanic White (2000-2012)	196	7.3	7.4	7.3	286	8.3	9.2	7.3	1.3	6.5	16.4	11.7
USA, California, Greater California, NH White (2000-2012)	179	7.4	9.0	5.8	312	9.4	11.4	7.2	2.0	7.4	14.7	16.2
USA, California, Los Angeles (1993-2012)	240	5.2	5.4	5.0	441	7.3	8.1	6.4	1.5	4.5	10.9	14.5
USA, California, Los Angeles, API (1993-2012)	20	4.0	5.2	2.8	43	6.0	7.0	5.0	2.0	4.6	6.0	13.0
USA, California, Los Angeles, Black (1993-2012)	26	4.9	3.7	6.1	45	6.5	6.0	7.0	1.3	6.0	8.4	12.1
USA, California, Los Angeles, Hispanic White (1993-2012)	132	5.3	5.4	5.2	234	7.3	8.3	6.3	1.7	4.4	11.2	14.2
USA, California, Los Angeles, NH White (1993-2012)	57	5.6	6.2	5.1	113	8.5	9.8	7.1	1.0	3.1	14.7	18.2
USA, California, San Francisco (1993-2012)	94	5.6	5.4	5.9	163	7.6	8.3	6.8	0.9	4.1	13.5	14.3
USA, California, San Francisco, API (1993-2012)	23	6.0	6.1	5.9	39	7.8	8.9	6.6	1.7	5.2	12.7	13.9
USA, California, San Francisco, Black (1993-2012)	8	3.6	3.6	3.6	14	4.9	6.2	3.5	0.0	4.4	7.4	9.4
USA, California, San Francisco, Hispanic White (1993-2012)	25	6.6	7.8	5.4	41	8.4	9.9	6.8	1.5	1.7	19.0	14.5
USA, California, San Francisco, NH White (1993-2012)	37	5.6	4.3	6.9	67	7.9	7.8	8.0	0.5	5.0	12.9	16.0
USA, California, San Francisco, White (1993-2012)	62	5.9	5.6	6.3	108	8.1	8.5	7.6	0.9	3.8	15.1	15.4
USA, California, San José (1993-2012)	60	5.6	5.5	5.7	117	8.3	9.9	6.6	1.7	3.6	13.0	17.7
USA, California, San José, API (1993-2012)	8	3.3	0.8	6.0	13	4.3	2.6	6.1	0.0	2.7	8.5	7.6
USA, California, San José, Hispanic White (1993-2012)	25	6.4	7.4	5.2	46	9.0	11.7	6.1	2.1	2.4	16.3	18.0
USA, California, San José, NH White (1993-2012)	21	5.7	6.0	5.4	48	9.5	11.9	6.9	2.6	6.2	9.3	22.5
USA, Colorado (1998-2012)	116	7.3	6.7	8.0	205	9.8	10.0	9.5	1.6	6.7	15.7	18.1
USA, Colorado, Hispanic White (1998-2012)	44	11.6	10.8	12.3	65	13.3	13.9	12.6	2.9	9.9	24.9	19.5
USA, Colorado, NH White (1998-2012)	61	6.0	5.7	6.2	123	8.9	9.4	8.2	1.4	5.6	12.5	18.8
USA, Connecticut (1993-2012)	98	6.3	7.2	5.4	162	8.0	9.6	6.4	0.7	6.4	13.7	13.9
USA, Connecticut, Black (1993-2012)	8	3.6	6.3	0.9	17	6.0	9.0	2.9	0.0	3.0	9.2	14.0
USA, Connecticut, Hispanic White (1993-2012)	13	7.0	7.4	6.6	25	10.1	11.7	8.4	3.2	8.5	10.4	20.8
USA, Connecticut, NH White (1993-2012)	74	6.8	7.1	6.4	115	8.1	9.4	6.9	0.3	6.8	15.3	12.8
USA, Connecticut, White (1993-2012)	87	6.9	7.2	6.5	140	8.5	9.7	7.1	0.9	7.1	14.6	14.0
USA, Delaware (1998-2012)	18	6.5	7.5	5.4	29	7.8	10.3	5.2	1.2	4.9	15.2	12.2
USA, Delaware, NH White (1998-2012)	13	7.8	11.2	4.2	22	9.6	14.2	4.8	2.1	6.1	17.1	15.8
USA, District of Columbia (1998-2012)	9	6.3	9.8	2.7	18	8.4	11.7	5.1	0.0	9.1	11.5	15.6
USA, Florida (1998-2012)	361	6.7	7.4	6.1	636	8.9	10.1	7.5	1.2	6.4	14.5	16.2
USA, Florida, Black (1998-2012)	61	4.9	5.3	4.6	105	6.4	7.5	5.2	0.6	5.0	10.7	11.3
USA, Florida, Hispanic White (1998-2012)	110	9.6	10.5	8.6	178	11.6	12.7	10.5	2.0	7.7	21.9	18.6
USA, Florida, NH White (1998-2012)	176	6.3	7.1	5.5	331	8.8	10.3	7.3	1.3	6.7	12.6	17.4
USA, Georgia (1998-2012)	181	5.7	5.7	5.8	319	7.6	8.4	6.8	2.2	4.9	11.5	14.1
USA, Georgia, Black (1998-2012)	57	4.9	5.6	4.3	99	6.5	7.7	5.2	1.2	4.9	10.0	11.7
USA, Georgia, Hispanic White (1998-2012)	16	6.6	6.5	6.6	28	9.1	9.7	8.3	2.7	3.7	14.9	17.7
USA, Georgia, NH White (1998-2012)	101	6.1	5.4	6.9	182	8.3	8.6	7.9	2.6	5.0	12.1	15.6
USA, Georgia, Atlanta (1993-2012)	65	4.6	4.1	5.2	123	6.8	7.0	6.5	1.3	2.8	11.0	14.2
USA, Georgia, Atlanta, Black (1993-2012)	30	4.8	4.6	4.9	47	5.8	6.3	5.3	1.1	3.7	10.9	9.3
USA, Georgia, Atlanta, Hispanic White (1993-2012)	8	6.6	5.0	8.3	15	9.5	8.2	11.0	1.7	2.4	17.7	19.7
USA, Georgia, Atlanta, NH White (1993-2012)	26	4.5	3.7	5.5	58	7.9	8.4	7.3	1.7	1.7	11.4	19.2
USA, Georgia, Atlanta, White (1993-2012)	34	4.9	3.9	6.0	73	8.1	8.3	7.9	1.7	1.9	12.4	19.3
USA, Georgia, Greater Georgia (2000-2012)	116	6.6	7.0	6.1	197	8.3	9.7	6.9	2.8	6.0	12.4	14.3
USA, Georgia, Greater Georgia, Black (2000-2012)	30	5.5	7.5	3.4	54	7.2	9.8	4.6	1.2	6.1	10.4	13.4
USA, Georgia, Greater Georgia, NH White (2000-2012)	71	6.8	6.1	7.5	121	8.5	8.9	8.1	3.2	5.9	12.5	14.7
USA, Hawaii (1993-2012)	36	6.6	8.0	5.2	60	8.4	10.4	6.3	1.2	7.9	12.5	14.5
USA, Hawaii, API (1993-2012)	28	6.6	8.3	4.7	48	8.6	11.9	5.1	1.5	8.5	11.2	15.5
USA, Hawaii, Hawaiian (1993-2012)	15	8.7	10.1	7.2	22	9.9	12.2	7.5	0.0	16.9	11.3	14.0
USA, Idaho (1998-2012)	33	5.9	5.9	5.9	61	8.3	9.5	7.0	0.0	3.7	16.2	16.5
USA, Idaho, NH White (1998-2012)	31	6.7	7.1	6.3	55	9.0	10.5	7.4	0.0	4.5	18.1	16.8
USA, Illinois (1998-2012)	250	5.7	5.4	5.9	449	7.7	7.9	7.4	0.9	4.8	12.9	14.6
USA, Illinois, API (1998-2012)	9	5.1	4.6	5.7	16	6.8	6.7	7.0	0.0	9.0	7.7	12.7
USA, Illinois, Black (1998-2012)	36	4.3	4.1	4.4	66	5.9	6.3	5.5	0.8	4.4	8.7	11.6
USA, Illinois, Hispanic White (1998-2012)	36	4.6	5.2	3.9	60	6.0	6.8	5.2	0.7	3.6	10.9	10.9
USA, Illinois, NH White (1998-2012)	168	6.5	5.9	7.2	300	8.7	8.7	8.7	1.1	5.1	15.3	16.2
USA, Indiana (1998-2012)	131	6.0	6.0	6.1	249	8.5	9.4	7.6	1.1	6.7	11.8	17.0
USA, Indiana, Black (1998-2012)	13	4.9	4.6	5.2	27	7.8	7.5	8.2	1.2	6.0	8.6	18.0
USA, Indiana, NH White (1998-2012)	109	6.3	6.2	6.4	209	8.9	9.8	7.9	1.2	7.2	12.1	17.7
USA, Iowa (1993-2012)	103	7.8	8.9	6.7	184	10.2	12.0	8.3	1.8	9.1	14.4	18.4
USA, Iowa, NH White (1993-2012)	96	8.3	9.4	7.0	174	10.8	12.8	8.8	2.1	9.5	15.0	19.7
USA, Iowa, White (1993-2012)	99	8.1	9.3	6.8	177	10.5	12.4	8.5	2.0	9.5	14.6	18.9

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

VIII. Malignant bone 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)	87	6.3	5.8	6.7	148	8.0	8.6	7.3	1.0	6.0	13.6	14.0
USA, Kentucky, NH White (1998-2012)	78	6.6	6.4	6.8	125	7.9	8.8	7.0	1.2	6.5	13.9	12.5
USA, Louisiana (1998-2012)	95	6.0	4.8	7.1	168	7.8	8.0	7.7	1.1	4.9	13.7	14.3
USA, Louisiana, Black (1998-2012)	33	5.2	5.0	5.3	66	7.6	9.2	6.1	0.5	4.8	11.7	16.2
USA, Louisiana, NH White (1998-2012)	55	6.3	4.7	7.9	91	7.7	7.1	8.4	1.2	4.3	15.2	12.7
USA, Maine (1998-2012)	32	7.6	8.4	6.8	53	9.3	11.3	7.3	1.0	4.3	20.1	15.4
USA, Maine, NH White (1998-2012)	29	7.3	8.4	6.1	49	9.1	11.6	6.5	1.0	3.7	19.6	15.6
USA, Maryland (1998-2012)	107	5.7	6.5	4.8	178	7.1	8.2	6.1	1.5	4.7	12.4	12.2
USA, Maryland, Black (1998-2012)	24	3.6	3.5	3.7	42	4.8	4.3	5.4	0.0	4.2	7.8	9.0
USA, Maryland, NH White (1998-2012)	70	7.0	7.9	6.0	113	8.5	10.0	6.8	2.2	5.1	15.4	13.7
USA, Massachusetts (1998-2012)	128	6.3	6.4	6.2	206	7.5	8.2	6.7	1.4	4.8	14.4	11.6
USA, Massachusetts, Black (1998-2012)	9	4.3	3.6	5.2	15	5.4	5.4	5.4	0.0	5.0	9.4	9.0
USA, Massachusetts, Hispanic White (1998-2012)	9	4.5	4.8	4.1	17	6.4	8.7	4.0	0.0	4.9	10.0	12.9
USA, Massachusetts, NH White (1998-2012)	105	7.0	7.1	6.8	166	8.1	8.8	7.5	2.0	5.0	15.8	12.2
USA, Michigan (1998-2012)	201	5.7	5.3	6.2	377	8.0	8.4	7.7	1.3	3.9	13.7	16.0
USA, Michigan, Black (1998-2012)	31	4.7	3.7	5.7	54	6.3	6.0	6.5	1.1	3.6	10.8	11.8
USA, Michigan, Hispanic White (1998-2012)	6	3.6	4.7	2.5	10	4.7	5.4	3.9	3.3	1.8	6.0	8.3
USA, Michigan, NH White (1998-2012)	159	6.2	5.9	6.4	299	8.6	9.1	8.1	1.0	4.1	15.4	17.0
USA, Michigan, Detroit (1993-2012)	86	4.5	5.3	3.6	178	7.3	9.1	5.4	0.6	3.5	10.8	17.0
USA, Michigan, Detroit, Black (1993-2012)	24	3.9	4.5	3.3	47	6.1	7.5	4.7	0.0	2.8	10.5	13.7
USA, Michigan, Detroit, NH White (1993-2012)	60	5.1	6.2	4.0	120	8.0	10.0	5.9	0.9	4.1	12.0	17.9
USA, Michigan, Detroit, White (1993-2012)	62	5.0	6.0	4.0	125	7.9	9.9	5.7	0.9	4.1	11.6	17.8
USA, Minnesota (1998-2012)	91	5.2	6.0	4.5	197	8.3	9.6	6.9	1.2	6.1	9.7	18.8
USA, Minnesota, NH White (1998-2012)	75	5.4	6.3	4.4	163	8.4	9.7	7.1	1.3	6.3	9.9	18.9
USA, Mississippi (2002-2012)	44	5.8	5.6	6.0	77	7.5	8.1	6.9	1.3	5.4	12.3	13.5
USA, Mississippi, Black (2002-2012)	21	6.1	5.5	6.7	32	6.9	7.5	6.4	1.0	5.0	14.0	9.9
USA, Mississippi, NH White (2002-2012)	22	5.8	6.1	5.4	43	8.2	9.3	7.1	1.7	6.1	10.8	16.7
USA, Missouri (1996-2012)	115	5.2	5.5	4.9	207	7.0	8.1	5.8	1.4	5.6	10.0	13.0
USA, Missouri, Black (1996-2012)	18	5.1	5.6	4.7	29	6.3	7.7	4.9	0.0	5.8	11.3	10.4
USA, Missouri, NH White (1996-2012)	80	4.7	5.4	3.9	155	6.6	8.2	4.9	1.6	4.6	8.8	13.3
USA, Montana (1998-2012)	17	5.7	3.0	8.6	38	8.9	6.9	11.1	2.3	6.7	9.2	20.0
USA, Montana, NH White (1998-2012)	13	5.4	2.2	8.8	29	8.2	5.6	11.0	2.8	8.0	6.0	17.7
USA, Nebraska (1998-2012)	42	6.9	8.1	5.7	70	8.5	10.7	6.2	1.6	8.1	12.7	14.0
USA, Nebraska, NH White (1998-2012)	33	6.9	8.1	5.6	57	8.6	10.6	6.6	1.4	9.0	11.8	14.6
USA, Nevada (1998-2012)	47	5.8	5.1	6.5	76	7.3	7.9	6.7	2.0	3.6	13.3	12.5
USA, Nevada, Hispanic White (1998-2012)	16	6.4	7.0	5.8	22	7.0	8.0	5.9	3.4	3.7	13.5	9.0
USA, Nevada, NH White (1998-2012)	24	6.0	4.9	7.1	41	7.9	8.6	7.1	0.9	5.1	13.8	14.4
USA, New Hampshire (1998-2012)	34	8.2	6.0	10.5	59	10.4	8.5	12.4	2.7	8.1	15.5	18.0
USA, New Hampshire, NH White (1998-2012)	30	7.7	5.8	9.8	54	10.2	8.2	12.2	2.0	8.0	15.0	18.5
USA, New Jersey (1998-2012)	213	7.4	8.1	6.8	345	9.2	10.3	8.1	2.3	6.5	15.4	15.4
USA, New Jersey, API (1998-2012)	11	4.9	2.6	7.2	15	5.3	4.2	6.3	0.0	4.2	12.1	6.6
USA, New Jersey, Black (1998-2012)	25	4.9	6.0	3.8	44	6.5	8.0	5.0	1.4	5.9	8.6	11.9
USA, New Jersey, Hispanic White (1998-2012)	42	9.4	6.8	12.2	61	10.4	8.0	12.9	3.2	10.0	16.9	13.6
USA, New Jersey, NH White (1998-2012)	130	7.9	9.4	6.2	218	10.1	12.1	8.0	2.7	6.1	16.8	17.9
USA, New Mexico (1993-2012)	64	6.7	7.3	6.0	96	7.7	8.6	6.8	0.4	5.1	17.0	11.1
USA, New Mexico, Hispanic White (1993-2012)	35	7.5	7.9	7.0	52	8.5	9.6	7.4	0.0	5.8	19.2	12.2
USA, New Mexico, NH White (1993-2012)	20	6.4	8.1	4.6	32	7.7	9.7	5.5	1.2	3.4	16.6	12.1
USA, New Mexico, White (1993-2012)	55	7.0	8.0	6.0	84	8.2	9.7	6.6	0.4	4.9	18.2	12.1
USA, New York State (1998-2012)	427	6.9	6.2	7.5	747	8.9	8.7	9.1	1.3	6.5	14.7	16.0
USA, New York State, API (1998-2012)	19	4.6	6.5	2.6	30	5.4	6.3	4.4	0.0	4.9	10.5	8.1
USA, New York State, Black (1998-2012)	73	5.2	3.7	6.8	134	7.2	7.0	7.5	0.5	4.0	12.8	14.0
USA, New York State, Hispanic White (1998-2012)	64	6.7	6.7	6.8	107	8.5	8.7	8.2	1.0	7.2	13.9	14.4
USA, New York State, NH White (1998-2012)	245	7.2	6.4	8.1	434	9.4	9.0	9.9	1.9	6.8	14.8	17.0
USA, New York State, White (1998-2012)	309	7.1	6.4	7.8	541	9.2	8.9	9.5	1.7	6.9	14.6	16.5
USA, North Carolina (1998-2012)	175	6.0	6.7	5.2	299	7.7	9.0	6.3	0.8	5.2	13.6	13.7
USA, North Carolina, Black (1998-2012)	39	4.8	4.2	5.5	77	7.1	7.1	7.2	0.0	5.5	10.5	15.1
USA, North Carolina, Hispanic White (1998-2012)	15	6.6	11.2	1.8	30	10.7	15.2	5.7	1.9	6.5	13.1	24.7
USA, North Carolina, NH White (1998-2012)	113	6.3	7.2	5.4	183	7.7	9.2	6.1	1.0	4.9	14.9	12.6
USA, North Dakota (1998-2012)	10	5.2	5.0	5.3	21	7.2	6.7	7.8	3.3	6.6	6.2	14.3
USA, North Dakota, NH White (1998-2012)	7	4.3	3.4	5.2	16	6.3	5.8	6.8	2.0	7.7	3.5	13.3
USA, Ohio (1998-2012)	227	5.8	5.7	5.9	367	7.0	7.6	6.4	1.2	4.6	13.3	11.4
USA, Ohio, Black (1998-2012)	26	4.0	4.6	3.5	46	5.5	6.8	4.2	0.5	3.1	9.8	10.6
USA, Ohio, NH White (1998-2012)	194	6.3	6.0	6.6	311	7.5	8.0	7.1	1.4	5.0	14.2	11.9
USA, Oklahoma (1998-2012)	67	5.5	4.9	6.1	134	8.0	8.6	7.4	0.5	6.8	10.6	16.9
USA, Oklahoma, Native American (1998-2012)	7	4.0	4.5	3.5	18	8.0	8.6	7.3	0.0	3.9	9.6	21.5
USA, Oklahoma, NH White (1998-2012)	46	5.8	5.2	6.6	90	8.3	8.8	7.7	0.9	7.3	10.9	16.6
USA, Oregon (1998-2012)	68	5.9	5.5	6.2	134	8.5	9.6	7.3	2.0	5.2	11.8	17.6
USA, Oregon, Hispanic White (1998-2012)	4	2.3	1.1	3.6	9	4.3	4.6	3.8	0.0	3.6	4.0	11.0
USA, Oregon, NH White (1998-2012)	59	6.8	6.4	7.3	113	9.5	10.6	8.3	2.5	5.9	13.7	18.5
USA, Pennsylvania (1998-2012)	231	5.9	5.6	6.1	431	7.9	8.8	7.0	1.9	4.7	12.4	15.1
USA, Pennsylvania, Black (1998-2012)	31	5.3	5.1	5.4	43	5.5	6.3	4.7	2.3	3.4	11.2	6.4
USA, Pennsylvania, Hispanic White (1998-2012)	4	1.8	1.8	1.8	7	2.4	3.3	1.4	0.0	0.0	6.2	4.6
USA, Pennsylvania, NH White (1998-2012)	185	6.1	5.9	6.4	358	8.5	9.6	7.5	2.0	5.1	12.8	16.8
USA, Rhode Island (1998-2012)	19	5.8	6.1	5.4	28	6.2	7.0	5.3	2.2	3.1	13.6	7.6
USA, Rhode Island, NH White (1998-2012)	13	5.5	5.4	5.6	18	5.6	5.2	5.9	1.6	4.3	12.0	5.8
USA, South Carolina (1998-2012)	82	5.7	5.1	6.2	133	6.8	7.7	5.9	1.2	4.2	13.3	10.9
USA, South Carolina, Black (1998-2012)	22	4.1	3.5	4.9	38	5.3	5.8	4.8	0.0	4.0	9.9	9.4
USA, South Carolina, NH White (1998-2012)	55	6.5	5.9	7.1	87	7.7	8.6	6.7	1.2	4.8	15.4	11.7
USA, South Dakota (2001-2012)	11	5.1	3.8	6.4	21	7.0	7.8	6.3	0.0	6.2	10.5	13.9
USA, South Dakota, NH White (2001-2012)	7	4.0	2.3	5.8	16	6.6	7.0	6.1	0.0	4.0	9.4	15.3
USA, Tennessee (1999-2012)	105	5.6	4.7	6.6	172	7.0	6.6	7.3	1.1	5.5	11.8	11.5
USA, Tennessee, Black (1999-2012)	20	5.0	3.9	6.1	34	6.3	4.8	7.9	1.7	5.7	8.6	11.0
USA, Tennessee, NH White (1999-2012)	77	5.7	4.7	6.8	126	7.1	7.0	7.1	1.0	5.3	12.5	11.6
USA, Texas (1998-2012)	573	6.7	6.8	6.5	985	8.7	9.6	7.7	1.9	6.0	13.8	15.7
USA, Texas, API (1998-2012)	10	3.4	3.3	3.5	25	6.5	6.1	7.0	2.9	3.1	4.5	17.1

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

VIII. Malignant bone 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)	71	6.0	6.4	5.5	112	7.1	7.6	6.6	1.4	5.3	12.7	11.2
USA, Texas, Hispanic White (1998-2012)	242	6.7	6.9	6.4	403	8.6	9.8	7.3	1.5	6.4	14.0	15.3
USA, Texas, NH White (1998-2012)	233	6.9	6.9	6.9	420	9.2	10.0	8.2	2.1	6.1	14.1	17.0
USA, Utah (1993-2012)	89	6.6	7.0	6.1	172	9.5	12.5	6.4	1.3	6.3	13.9	19.5
USA, Utah, Hispanic White (1993-2012)	9	6.0	6.5	5.5	16	8.4	10.1	6.5	1.7	2.0	16.1	16.5
USA, Utah, NH White (1993-2012)	76	6.8	7.1	6.5	148	9.8	12.8	6.8	1.4	6.8	14.1	20.2
USA, Utah, White (1993-2012)	85	6.7	7.0	6.3	164	9.6	12.5	6.7	1.4	6.2	14.3	19.8
USA, Vermont (1998-2012)	11	5.7	3.8	7.6	22	7.9	8.5	7.2	0.0	9.0	9.6	15.5
USA, Vermont, NH White (1998-2012)	11	6.0	4.0	8.1	22	8.4	9.0	7.6	0.0	9.6	10.1	16.5
USA, Virginia (1998-2012)	133	5.3	5.9	4.8	246	7.4	8.5	6.2	0.8	5.0	11.8	14.4
USA, Virginia, Black (1998-2012)	26	4.2	5.5	3.0	50	6.0	7.2	4.9	1.2	2.2	10.6	12.3
USA, Virginia, Hispanic White (1998-2012)	7	4.2	3.5	4.9	12	5.5	3.6	7.8	0.0	5.5	8.4	10.1
USA, Virginia, NH White (1998-2012)	93	5.9	6.7	5.1	162	7.7	9.1	6.2	0.7	5.6	13.2	13.9
USA, Washington State (1998-2012)	116	5.5	5.8	5.1	208	7.3	8.1	6.5	1.0	5.1	11.9	13.8
USA, Washington State, Hispanic White (1998-2012)	13	4.7	3.5	6.0	25	7.3	6.7	7.8	1.0	5.6	8.8	16.0
USA, Washington State, NH White (1998-2012)	90	6.0	6.7	5.3	153	7.6	8.6	6.5	1.2	5.5	13.0	13.1
USA, Washington, Seattle (1993-2012)	96	5.2	5.9	4.5	164	6.8	8.1	5.4	0.7	4.8	11.7	12.2
USA, Washington, Seattle, API (1993-2012)	6	3.2	3.1	3.2	13	5.2	6.2	4.1	0.0	0.0	10.9	12.1
USA, Washington, Seattle, Hispanic White (1993-2012)	10	7.0	5.5	8.6	18	10.0	9.7	10.3	3.6	6.4	12.2	20.4
USA, Washington, Seattle, NH White (1993-2012)	72	5.4	6.5	4.2	121	6.9	8.7	4.9	0.5	5.4	11.9	12.0
USA, Washington, Seattle, White (1993-2012)	82	5.6	6.4	4.7	139	7.2	8.8	5.5	0.9	5.5	11.9	12.7
USA, West Virginia (1998-2012)	28	5.1	5.0	5.3	54	7.2	7.9	6.4	0.6	5.0	11.2	14.3
USA, West Virginia, NH White (1998-2012)	27	5.3	5.3	5.3	53	7.6	8.5	6.5	0.7	5.4	11.4	15.3
USA, Wisconsin (1998-2012)	112	6.0	6.7	5.3	194	7.6	9.6	5.6	1.9	4.0	13.6	13.4
USA, Wisconsin, NH White (1998-2012)	93	6.3	6.8	5.8	160	7.9	9.4	6.4	2.3	4.4	13.9	13.4
USA, Wyoming (1998-2012)	11	6.3	5.3	7.4	19	7.9	7.7	8.1	1.9	5.8	12.7	13.4
ASIA												
BAHRAIN (1998-2012)	18	5.4	7.0	3.7	28	6.7	8.8	4.4	1.8	2.8	13.1	10.9
CHINA, 6 registries (1990-2013)	342	5.2	5.4	4.9	630	6.3	6.9	5.7	1.4	4.7	10.7	10.2
CHINA, Beijing (2000-2013)	98	5.0	5.1	4.9	203	6.2	6.5	5.8	1.0	5.2	10.2	10.1
CHINA, Dalian (2003-2012)	8	3.7	5.1	2.1	24	6.1	9.1	2.9	3.3	1.5	6.5	14.5
CHINA, Guangzhou (2010-2012)	18	4.6	6.3	2.6	42	6.8	8.3	5.1	0.0	4.0	11.4	14.6
CHINA, Hong Kong (1990-2013)	172	5.9	6.1	5.6	276	6.8	7.2	6.4	2.1	4.7	12.2	10.0
CHINA, Shanghai (2002-2012)	33	4.8	4.5	5.2	58	5.3	5.4	5.1	0.0	4.8	11.4	6.8
CHINA, Zhongshan (2003-2012)	13	3.2	2.6	3.9	27	5.3	6.7	3.9	1.0	5.0	4.2	12.6
INDIA, 7 registries (1990-2013)	991	5.2	5.8	4.5	1888	7.2	8.4	5.8	2.3	4.1	10.2	14.1
INDIA, Bangalore (1993-2011)	114	3.4	3.1	3.7	225	4.9	5.4	4.4	0.8	3.3	6.9	10.1
INDIA, Chennai (1993-2013)	132	5.4	6.4	4.3	267	7.8	9.1	6.5	1.9	4.0	11.5	16.2
INDIA, Kollam (2006-2012)	25	5.3	3.5	7.1	44	7.2	7.5	6.8	1.5	3.7	12.0	13.6
INDIA, Mumbai (1993-2012)	282	4.1	4.6	3.6	570	5.9	6.8	4.7	2.6	2.9	7.5	11.8
INDIA, Nagpur (1990-2012)	85	6.0	6.4	5.5	153	7.8	9.2	6.5	4.7	5.0	8.8	14.3
INDIA, New Delhi (2003-2010)	335	7.8	9.4	6.0	604	10.8	12.9	8.1	2.6	6.1	16.8	20.9
INDIA, Trivandrum (2005-2012)	18	7.9	7.8	8.0	25	8.3	9.7	6.9	2.8	9.5	13.0	9.7
IRAN, Golestan (2004-2011)	19	4.4	4.6	4.1	44	6.7	7.8	5.6	0.9	1.9	11.9	14.8
ISRAEL (1990-2012)	303	7.0	8.4	5.5	531	9.6	12.0	7.2	1.8	6.6	14.4	18.7
ISRAEL, Jews (1990-2012)	230	7.2	8.3	6.1	419	10.2	12.3	8.0	1.4	6.6	15.6	20.4
ISRAEL, Non-Jews (1990-2012)	73	6.4	8.6	4.0	112	7.9	11.0	4.6	2.9	6.6	10.7	13.2
JAPAN, 8 registries (1990-2013)	309	4.5	4.9	4.0	556	5.8	6.8	4.6	0.8	3.7	10.1	10.2
JAPAN, Aichi (2008-2012)	22	3.7	3.8	3.5	35	4.4	4.4	4.5	0.6	2.8	8.8	7.1
JAPAN, Hiroshima (1990-2012)	18	3.8	3.8	3.8	37	5.5	5.9	5.2	0.8	0.0	12.0	11.7
JAPAN, Miyagi (1990-2010)	45	5.1	6.2	4.0	80	6.4	8.1	4.5	0.9	5.5	10.3	10.7
JAPAN, Nagasaki (1993-2012)	21	3.7	3.8	3.6	41	5.3	6.4	4.3	0.7	1.3	10.3	11.0
JAPAN, Niigata (2003-2012)	22	6.1	3.9	8.3	40	8.2	7.2	9.2	1.0	6.6	12.1	15.4
JAPAN, Osaka (1990-2012)	149	4.5	5.1	3.9	263	5.6	6.8	4.3	0.8	3.7	10.3	9.4
JAPAN, Tochigi (2005-2012)	8	3.2	3.0	3.5	19	5.7	6.2	5.1	0.0	4.1	6.5	14.2
JAPAN, Yamagata (1990-2013)	24	4.9	6.7	2.9	41	6.1	8.8	3.4	1.5	5.5	8.6	10.5
JORDAN (2000-2012)	233	8.1	9.0	7.1	458	12.6	15.2	9.9	2.6	8.3	15.3	28.2
REPUBLIC OF KOREA (1999-2012)	963	6.6	6.7	6.5	1627	8.2	9.2	7.2	2.3	5.5	13.8	13.8
REPUBLIC OF KOREA, Busan (1999-2012)	80	8.2	8.4	7.9	133	9.5	10.1	8.9	3.6	4.7	18.2	14.2
REPUBLIC OF KOREA, Daegu (1999-2012)	61	7.9	8.2	7.5	99	9.3	10.5	7.9	2.2	6.3	17.1	14.3
REPUBLIC OF KOREA, Daejeon (1999-2012)	25	5.8	5.7	5.9	43	7.1	7.7	6.4	4.3	5.0	8.6	11.7
REPUBLIC OF KOREA, Gwangju (1997-2012)	45	8.5	8.4	8.6	75	10.3	11.7	8.7	2.9	11.0	13.0	16.5
REPUBLIC OF KOREA, Incheon (1998-2012)	60	6.6	6.9	6.3	99	8.2	9.8	6.3	1.8	5.6	14.3	13.4
REPUBLIC OF KOREA, Jeju (2000-2012)	17	9.7	8.8	10.7	22	9.8	8.6	11.1	0.0	9.7	22.8	10.0
REPUBLIC OF KOREA, Seoul (1995-2012)	212	5.9	6.2	5.5	401	7.7	9.1	6.3	2.1	5.1	11.7	14.2
REPUBLIC OF KOREA, Ulsan (2001-2012)	23	7.4	3.9	11.5	44	10.5	9.2	11.8	4.0	4.3	15.4	20.9
KUWAIT (1994-2012)	12	1.0	1.1	0.9	16	1.1	1.3	0.8	1.3	1.0	0.5	1.2
KUWAIT, Kuwaitis (1994-2012)	5	0.7	0.6	0.9	9	1.0	1.1	0.9	0.8	0.8	0.5	2.1
KUWAIT, Non-Kuwaitis (1994-2012)	7	1.4	2.0	0.9	7	1.1	1.5	0.7	2.2	1.2	0.7	0.0
LEBANON (2008-2010)	30	7.5	9.6	5.3	63	11.8	15.9	7.5	3.8	6.4	13.7	26.6
PAKISTAN, Karachi (1995-2002)	43	7.3	7.8	6.7	79	11.3	11.5	11.0	1.0	3.0	20.4	25.0
PAKISTAN, Lahore (2008-2012)	116	5.7	6.5	4.9	205	8.1	10.0	6.2	1.8	4.8	11.8	16.5
PHILIPPINES, 2 registries (1993-2012)	541	7.0	7.2	6.8	997	9.7	11.2	8.2	1.7	4.6	16.6	19.0
PHILIPPINES, Manila (1993-2012)	283	7.9	7.7	8.1	519	10.7	12.0	9.7	1.4	5.2	19.5	20.5
PHILIPPINES, Rizal (1993-2012)	258	6.2	6.8	5.7	478	8.8	10.6	7.0	2.0	4.0	14.2	17.6
QATAR (2002-2014)	18	6.1	5.8	6.4	24	6.4	6.8	5.7	0.0	3.0	17.5	7.5
SAUDI ARABIA, Riyadh (1994-2012)	201	5.8	6.3	5.3	340	8.1	9.9	6.2	1.9	5.3	11.6	16.0
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	46	8.1	6.8	9.5	70	10.7	11.3	10.1	3.3	6.2	16.7	19.7
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	155	5.3	6.2	4.5	270	7.6	9.7	5.5	1.6	5.1	10.6	15.4
THAILAND, 6 registries (1993-2013)	193	4.3	4.3	4.3	347	5.5	6.0	4.9	1.1	3.2	9.8	9.5
THAILAND, Bangkok (2001-2012)	70	4.7	4.9	4.5	131	5.9	6.7	5.2	1.2	2.7	11.6	10.0
THAILAND, Chiang Mai (1993-2012)	32	4.9	5.2	4.7	50	5.6	6.3	4.8	1.7	4.7	9.5	7.7
THAILAND, Chonburi (1998-2012)	22	5.2	5.2	5.2	41	7.3	8.5	6.2	0.8	2.4	14.2	14.6
THAILAND, Khon Kaen (1993-2012)	24	2.7	1.9	3.7	51	4.2	4.0	4.4	0.4	2.0	6.7	9.3
THAILAND, Lampang (1993-2013)	8	2.3	2.9	1.6	18	3.7	4.2	3.2	0.0	3.0	4.5	8.5

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

VIII. Malignant bone 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)	37	5.2	5.4	5.1	56	5.9	6.5	5.3	2.0	4.6	10.3	8.0
TURKEY, paediatric (2009-2011)	263	4.2	4.2	4.3	-	-	-	-	1.1	4.4	8.2	-
TURKEY, 8 registries (1992-2012)	278	6.2	6.0	6.5	535	8.9	9.7	8.1	1.7	5.2	13.5	18.0
TURKEY, Ankara (2008-2012)	48	8.4	9.1	7.6	91	11.8	13.6	9.9	2.9	9.3	14.7	23.7
TURKEY, Antalya (1998-2012)	41	6.1	5.5	6.8	79	8.9	9.6	8.2	2.0	5.4	12.4	18.5
TURKEY, Bursa (2004-2012)	30	5.2	5.5	5.0	48	6.4	7.0	5.7	1.2	4.1	11.9	10.2
TURKEY, Erzurum (2006-2012)	12	6.3	7.0	5.6	21	8.7	9.5	7.7	0.0	7.1	13.9	16.8
TURKEY, İzmir (1992-2012)	115	6.2	5.6	6.9	234	9.2	10.0	8.4	1.4	3.8	15.3	19.7
TURKEY, Samsun (2003-2012)	17	4.9	3.4	6.4	34	7.2	6.9	7.4	1.1	5.8	8.8	15.0
TURKEY, Trabzon (2003-2012)	10	5.2	6.5	3.7	17	6.3	7.7	4.9	2.1	3.5	11.1	10.4
VIET NAM, Ho Chi Minh City (1995-2013)	97	3.7	3.8	3.6	201	4.9	5.2	4.7	0.6	3.3	8.2	9.2
EUROPE												
AUSTRIA (1990-2012)	264	7.7	8.4	7.0	443	9.6	11.1	8.0	1.9	6.9	16.3	16.1
BELARUS, paediatric (1990-2014)	281	5.4	5.2	5.6	511	7.1	7.7	6.4	1.0	4.9	11.9	12.8
BELGIUM (2004-2013)	165	8.2	8.5	7.9	282	10.5	11.4	9.5	1.5	7.2	18.3	18.3
BULGARIA (1990-2013)	203	5.8	5.3	6.3	392	7.8	8.1	7.6	1.4	4.7	12.8	14.9
CROATIA (2001-2014)	112	11.0	12.0	9.9	186	13.2	13.5	12.8	4.1	12.0	19.0	20.8
CYPRUS, South-West (1998-2012)	26	9.8	9.3	10.2	45	12.4	13.2	11.5	0.0	5.5	27.5	21.4
CZECH REPUBLIC (1990-2012)	283	6.3	7.0	5.6	502	7.9	9.1	6.5	1.9	6.0	12.6	13.1
ESTONIA (1990-2012)	33	5.2	4.4	5.9	72	7.9	8.2	7.7	1.7	6.2	8.6	17.5
FRANCE, paediatric (2000-2012)	1069	6.6	6.8	6.5	-	-	-	-	1.3	6.6	13.8	-
FRANCE, 13 registries (1993-2012)	228	6.5	6.8	6.3	449	9.6	10.6	8.5	1.1	5.4	15.2	20.0
FRANCE, Bas-Rhin (1993-2011)	21	5.1	4.7	5.6	45	8.1	9.4	6.7	1.6	2.4	12.8	18.2
FRANCE, Calvados (1990-2012)	21	6.4	7.8	5.1	39	8.7	8.9	8.5	1.1	6.1	14.0	16.5
FRANCE, Doubs (1993-2012)	13	5.9	4.5	7.5	31	10.2	10.8	9.6	1.5	3.1	15.0	24.9
FRANCE, Gironde (2008-2012)	5	3.4	2.6	4.2	15	7.5	7.9	7.1	0.0	0.0	11.7	21.7
FRANCE, Haut-Rhin (1993-2012)	24	7.6	8.2	7.0	35	8.6	9.7	7.5	0.0	6.4	19.0	12.2
FRANCE, Hérault (1993-2012)	31	8.3	8.5	8.0	56	10.9	12.6	9.1	1.8	4.5	21.0	19.9
FRANCE, Isère (1993-2012)	35	7.0	7.0	7.0	67	10.0	11.1	9.0	0.7	7.2	15.1	20.6
FRANCE, Loire-Atlantique and Vendée (1998-2012)	34	5.9	6.1	5.8	76	9.9	10.2	9.7	1.2	4.0	14.4	23.7
FRANCE, Manche (1994-2012)	19	9.9	12.4	7.3	26	10.4	11.1	9.7	1.8	13.7	16.4	12.0
FRANCE, Somme (1993-2012)	13	5.4	5.7	5.0	33	9.8	11.2	8.5	0.0	5.6	12.3	25.3
GERMANY, paediatric (1996-2012)	1352	5.8	6.0	5.7	-	-	-	-	1.5	5.2	12.3	-
GERMANY, 6 Eastern registries (2001-2007)	123	8.0	7.2	8.8	235	9.5	9.7	9.4	2.7	6.5	16.7	14.9
GERMANY, 5 Western registries (1994-2012)	381	6.7	6.8	6.6	673	8.7	9.8	7.5	1.9	5.2	14.7	15.6
GERMANY, Bavaria (2002-2012)	152	6.5	7.1	5.8	268	8.4	10.1	6.7	1.3	5.0	15.0	15.2
GERMANY, Lower Saxony (2003-2012)	98	7.1	7.0	7.2	174	9.3	10.8	7.6	2.0	5.8	15.4	16.6
GERMANY, Rhine-Pfalz (1998-2012)	67	6.4	5.5	7.4	127	8.9	9.0	8.9	2.2	4.9	13.8	17.5
GERMANY, Saarland (1994-2012)	20	6.3	6.4	6.1	33	7.6	8.3	6.9	1.2	7.5	11.7	12.3
GERMANY, Schleswig-Holstein (2000-2012)	44	7.2	7.7	6.7	71	8.6	9.0	8.2	3.7	4.3	15.0	13.6
HUNGARY, paediatric (1991-2014)	288	6.4	6.4	6.4	-	-	-	-	1.7	6.9	12.1	-
ICELAND (1990-2014)	9	5.0	6.6	3.3	24	10.0	13.2	6.7	0.0	5.5	11.1	27.4
IRELAND (1994-2012)	104	5.7	6.6	4.7	186	7.5	9.2	5.8	1.3	5.1	12.2	13.8
ITALY, 2 paediatric registries (1998-2011)	64	6.9	5.8	8.0	110	8.9	9.5	8.3	0.7	5.0	17.2	16.0
ITALY, Marche, paediatric (1998-2007)	12	5.5	4.7	6.4	24	8.1	9.9	6.2	0.0	4.7	13.7	17.1
ITALY, Piedmont, paediatric (1990-2011)	91	6.9	5.9	8.0	-	-	-	-	1.0	5.4	16.5	-
ITALY, Piedmont, paediatric (2000-2011)	52	7.3	6.1	8.5	86	9.2	9.4	9.0	0.9	5.1	18.3	15.6
ITALY, 26 registries (1992-2013)	353	7.9	8.2	7.5	568	9.3	10.5	8.1	2.1	6.9	16.6	14.3
ITALY, Brescia (1999-2012)	20	8.6	9.2	8.0	37	12.1	15.1	8.9	2.6	9.5	15.7	24.1
ITALY, Catania (2003-2013)	26	7.0	6.2	7.9	40	7.9	8.9	6.9	1.0	7.5	14.5	10.9
ITALY, Friuli-Venezia Giulia (1995-2010)	9	3.7	4.9	2.5	21	6.3	7.1	5.5	1.3	2.7	8.1	15.2
ITALY, Milan (1999-2007)	8	6.0	2.9	9.4	15	8.6	8.7	8.4	2.1	2.4	15.2	17.4
ITALY, Modena (1990-2012)	18	9.0	8.8	9.1	31	11.2	11.3	11.1	3.1	9.7	16.0	18.7
ITALY, Naples (1996-2012)	26	10.1	11.3	8.9	38	11.0	14.4	7.4	4.0	10.1	18.3	13.8
ITALY, Parma (1992-2013)	14	12.3	12.2	12.3	20	13.1	15.1	10.8	2.7	14.2	22.9	15.8
ITALY, Ragusa (1992-2012)	9	6.2	3.8	8.7	13	6.6	4.7	8.5	2.4	6.8	10.6	7.8
ITALY, Reggio Emilia (1996-2012)	9	7.6	12.9	1.9	21	13.4	19.7	6.7	4.8	5.2	13.9	33.4
ITALY, Romagna (1990-2012)	27	8.5	9.1	7.8	44	10.1	10.2	9.9	1.0	7.4	19.6	15.5
ITALY, Salerno (1997-2009)	23	8.9	7.8	10.0	38	10.6	11.3	9.8	4.2	7.7	16.5	16.3
ITALY, Sassari (1992-2011)	7	5.4	6.0	4.8	19	8.9	11.6	6.2	5.0	7.0	4.1	21.2
ITALY, Turin (1992-2012)	16	6.8	5.0	8.8	26	8.1	7.7	8.6	1.3	5.6	15.5	12.6
ITALY, Umbria (1994-2011)	23	10.7	13.6	7.7	32	11.1	13.6	8.5	0.0	9.7	26.2	12.6
ITALY, Varese (1992-2012)	21	8.1	9.7	6.3	30	8.5	10.5	6.4	2.5	3.9	20.1	10.2
ITALY, Veneto (1992-2009)	45	6.9	7.2	6.6	76	8.5	8.5	8.5	2.0	4.6	16.1	14.0
LITHUANIA (2000-2012)	44	5.2	4.7	5.7	88	7.2	8.1	6.2	2.0	3.9	11.0	13.9
MALTA (1994-2013)	12	7.4	8.5	6.2	20	8.9	10.5	7.3	0.0	12.6	11.4	14.2
THE NETHERLANDS (1993-2013)	472	7.1	7.2	7.0	812	9.3	9.9	8.6	1.8	7.0	14.3	16.8
NORWAY (1990-2013)	140	6.1	6.0	6.1	244	8.0	8.5	7.6	1.0	5.1	13.9	14.8
POLAND (2001-2013)	533	5.8	5.9	5.8	992	7.4	8.3	6.4	2.2	4.7	12.0	12.8
POLAND, Greater Poland (1999-2013)	50	5.0	4.3	5.7	99	6.7	7.4	6.0	1.5	5.2	9.4	12.7
POLAND, Kielce (1990-2013)	35	5.3	5.0	5.6	67	7.3	7.2	7.4	1.3	2.8	13.5	14.1
POLAND, Lower Silesia (2000-2013)	48	6.8	8.0	5.6	82	8.1	9.8	6.2	1.1	6.7	14.7	12.3
POLAND, Lublin (1999-2013)	47	7.2	8.3	6.2	79	8.5	10.4	6.4	2.4	5.6	15.5	12.7
PORTUGAL (1991-2012)	189	6.3	5.8	6.8	353	8.5	9.0	7.9	1.7	5.8	13.0	16.0
PORTUGAL, Centre (2000-2010)	34	7.9	7.1	8.8	46	8.0	8.5	7.4	2.5	9.9	13.1	8.0
PORTUGAL, North (1991-2010)	83	6.4	5.7	7.2	163	8.9	9.2	8.6	2.0	5.3	13.6	17.5
PORTUGAL, South (1998-2012)	65	5.5	5.6	5.3	133	8.1	9.2	7.0	1.1	5.0	11.9	17.4
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	67	6.6	6.9	6.2	-	-	-	-	2.6	5.4	13.2	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	62	4.8	5.0	4.5	115	6.0	6.5	5.6	1.1	3.6	11.0	10.4
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	18	6.5	6.4	6.7	29	7.3	7.0	7.7	3.0	1.2	17.2	10.0
RUSSIAN FEDERATION, Samara (1998-2015)	44	4.3	4.7	3.9	86	5.7	6.4	5.0	0.4	4.4	9.5	10.5
SLOVAKIA (1990-2009)	171	6.7	7.1	6.4	300	8.6	9.9	7.1	1.6	4.8	15.8	14.8
SLOVAKIA, paediatric (2000-2012)	99	7.0	7.2	6.8	-	-	-	-	1.1	4.2	17.8	-
SLOVENIA (1991-2012)	36	4.3	3.2	5.5	82	7.0	6.7	7.2	0.0	4.4	10.1	16.0
SPAIN, 2 paediatric registries (1991-2013)	429	8.4	9.4	7.3	-	-	-	-	2.2	8.1	16.8	-

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

VIII. Malignant bone tumours

	N	0-14			0-19			Age-specific rates per million				
		ASR per million			ASR per million			0-4	5-9	10-14	15-19	
		All	Male	Female	All	Male	Female					
SPAIN, Selected regions, paediatric (2000-2013)	301	8.4	9.7	6.9	-	-	-	2.2	7.9	17.1	-	
SPAIN, Valencia, paediatric (1991-2010)	128	8.4	8.6	8.1	-	-	-	2.1	8.9	16.2	-	
SPAIN, 11 registries (1990-2013)	329	9.1	9.4	8.8	534	10.6	12.0	9.0	2.4	7.5	19.8	15.6
SPAIN, Asturias (1992-2010)	29	10.1	10.6	9.5	42	10.4	10.9	9.8	0.0	8.2	25.7	11.4
SPAIN, Balearic Islands (1990-2012)	28	9.7	9.2	10.3	41	10.4	11.5	9.3	3.4	8.1	19.9	13.0
SPAIN, Basque Country (1990-2012)	73	9.8	11.5	8.1	116	11.0	13.9	8.1	3.4	7.6	21.0	15.2
SPAIN, Canary Islands (1993-2011)	36	6.5	6.9	6.1	62	7.9	8.4	7.5	1.4	5.6	14.2	13.0
SPAIN, Girona (1990-2013)	28	10.9	12.9	8.8	43	12.4	15.1	9.5	1.3	10.6	24.2	17.4
SPAIN, Granada (1992-2013)	32	8.7	8.4	9.0	56	10.9	13.6	8.1	1.9	10.1	16.3	18.5
SPAIN, Murcia (1991-2009)	42	9.0	8.7	9.3	72	11.0	12.5	9.4	3.6	7.3	18.1	17.9
SPAIN, Navarra (1990-2010)	15	7.9	4.3	11.7	31	11.2	10.1	12.3	3.6	5.3	16.3	22.5
SPAIN, Tarragona (1990-2011)	22	8.8	10.4	7.2	36	10.4	11.2	9.7	1.4	7.0	20.7	16.1
SWEDEN (1990-2011)	196	5.1	4.8	5.4	387	7.5	8.6	6.3	1.2	5.2	10.2	15.6
SWITZERLAND, paediatric (1990-2013)	204	6.4	6.0	6.7	-	-	-	-	1.3	6.7	12.8	-
SWITZERLAND, 7 registries (1990-2013)	92	8.0	7.9	8.1	154	10.0	10.5	9.6	2.3	8.2	15.5	17.0
SWITZERLAND, Geneva (1993-2013)	14	8.8	4.8	12.9	22	10.5	6.4	14.6	0.0	12.2	16.6	16.3
SWITZERLAND, Vaud (1993-2012)	29	12.0	12.8	11.1	40	12.6	14.6	10.5	2.7	12.1	24.2	14.6
SWITZERLAND, Zurich (1993-2013)	30	6.9	6.2	7.7	57	9.8	10.9	8.7	2.2	6.7	13.5	19.8
UKRAINE (2002-2012)	472	5.4	5.2	5.6	939	7.0	7.5	6.6	1.3	4.8	11.6	12.8
UK (2000-2011)	836	5.7	5.8	5.5	1477	7.5	8.6	6.4	1.1	5.2	12.3	13.8
UK, England (1990-2013)	1331	5.5	5.6	5.3	2377	7.4	8.2	6.5	1.1	4.9	12.0	14.0
UK, England and Wales, paediatric (1991-2010)	1129	5.2	5.2	5.2	-	-	-	-	0.8	4.7	11.6	-
UK, Northern Ireland (1993-2013)	44	5.1	5.7	4.4	83	7.2	8.9	5.4	0.4	5.1	11.2	14.6
UK, Scotland (1991-2013)	134	5.9	6.2	5.5	247	8.0	9.4	6.6	1.9	5.2	11.9	15.3
UK, Wales (2000-2011)	35	4.7	4.9	4.6	69	6.9	8.9	4.9	0.0	4.8	11.0	14.5
OCEANIA												
AUSTRALIA (1992-2014)	557	5.8	5.8	5.9	1019	8.0	9.0	6.9	1.8	4.7	12.4	15.5
AUSTRALIA, Indigenous (1992-2014)	7	2.8	1.6	4.1	11	3.6	4.0	3.2	0.0	0.0	9.6	6.3
AUSTRALIA, Australian Capital Territory (1992-2012)	8	5.3	6.6	4.0	15	7.1	5.9	8.4	0.0	8.7	8.6	13.4
AUSTRALIA, New South Wales (1992-2012)	170	5.6	6.0	5.2	326	8.1	9.9	6.3	1.6	4.2	12.5	16.8
AUSTRALIA, Queensland (1992-2013)	129	6.8	6.6	7.0	217	8.6	9.8	7.3	1.7	5.5	14.8	15.0
AUSTRALIA, South Australia (1992-2012)	40	6.1	5.6	6.6	71	8.0	8.6	7.2	3.5	3.9	11.9	14.4
AUSTRALIA, Tasmania (1992-2013)	8	3.3	4.2	2.4	15	4.6	4.4	4.9	1.4	1.4	7.9	9.4
AUSTRALIA, Victoria (1992-2014)	136	5.6	5.5	5.6	253	7.8	8.3	7.2	1.3	5.0	12.0	15.2
AUSTRALIA, Western Australia (1992-2014)	64	6.3	5.2	7.4	113	8.2	8.4	8.0	3.2	5.3	11.4	14.9
FRANCE, 2 registries (1990-2013)	26	7.9	10.3	5.3	51	11.8	15.2	8.3	3.0	6.8	15.7	25.3
FRANCE, New Caledonia (1990-2013)	11	7.2	9.3	4.9	25	12.2	16.5	7.7	4.2	8.0	10.2	29.6
NEW ZEALAND (1993-2012)	147	7.6	7.8	7.5	266	10.5	11.1	9.9	1.7	6.5	16.9	20.4
NEW ZEALAND, API (1993-2012)	27	16.9	20.9	12.6	35	17.1	19.2	14.9	5.4	9.7	40.1	18.0
NEW ZEALAND, Maori (1993-2012)	33	7.3	6.4	8.2	63	11.2	11.7	10.8	0.6	7.0	16.4	24.8
NEW ZEALAND, Other (1993-2012)	87	6.7	6.7	6.6	168	9.5	9.9	9.1	1.6	5.9	14.3	19.3
NEW ZEALAND, paediatric (2000-2012)	97	7.5	7.8	7.2	-	-	-	-	1.3	6.6	16.9	-
NEW ZEALAND, paediatric, Maori (2000-2012)	20	6.5	6.4	6.7	-	-	-	-	0.0	7.5	14.2	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	77	7.8	8.3	7.3	-	-	-	-	1.8	6.3	17.7	-

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