

## Ib. Acute myeloid leukaemias

	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)	90	5.2	5.1	5.3	132	5.4	5.7	5.2	5.0	5.8	4.7	6.2
ALGERIA, Algiers (2008-2012)	35	10.4	9.9	11.0	41	9.0	8.3	9.8	10.1	13.0	8.0	4.3
ALGERIA, Sétif (1996-2014)	17	2.0	1.7	2.3	41	3.2	3.8	2.6	1.5	2.6	2.0	7.4
ALGERIA, Tiemcen (2006-2014)	7	3.0	3.5	2.5	8	2.6	3.3	1.9	2.4	2.9	3.9	1.2
BOTSWANA (1999-2007)	16	2.7	2.7	2.7	23	3.0	2.9	3.1	1.5	3.7	3.2	3.9
CAMEROON, Yaoundé (2004-2006)	4	1.7	2.6	0.8	4	1.3	2.0	0.6	1.1	2.5	1.5	0.0
EGYPT, Gharbiah (1999-2010)	81	5.3	6.4	4.2	131	6.2	7.1	5.2	5.5	4.6	5.9	9.1
FRANCE, Réunion (1990-2011)	27	6.0	6.4	5.7	36	6.1	6.5	5.7	6.2	3.4	8.7	6.3
KENYA, 2 registries (2000-2012)	30	2.8	2.3	3.4	47	3.5	2.8	4.1	1.6	2.5	4.7	5.8
KENYA, Eldoret (2000-2011)	13	3.1	2.4	3.8	25	5.0	3.6	6.3	1.3	2.9	5.7	11.3
KENYA, Nairobi (2006-2012)	17	2.6	2.2	3.0	22	2.6	2.3	3.0	1.8	2.3	4.0	2.6
LIBYA, Benghazi (2003-2008)	15	5.4	2.1	8.9	23	6.0	2.9	9.2	9.8	3.1	2.0	8.0
MALI, Bamako (2005-2014)	10	1.4	1.4	1.3	13	1.3	1.7	1.0	0.4	2.1	1.9	1.2
MAURITIUS (2001-2013)	14	4.0	4.7	3.2	24	4.8	6.3	3.2	6.0	2.4	3.0	7.6
MOROCCO, 2 registries (2005-2012)	40	4.5	4.8	4.0	73	5.7	7.2	4.2	4.4	4.5	4.5	10.2
MOROCCO, Casablanca (2005-2012)	32	4.0	3.8	4.1	63	5.5	6.6	4.5	3.0	5.0	4.0	10.8
SOUTH AFRICA, paediatric (1998-2012)	685	3.2	3.2	3.1	-	-	-	-	3.6	2.9	2.9	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	20	5.4	5.5	5.2	-	-	-	-	8.1	3.1	4.3	-
SOUTH AFRICA, paediatric, Black (1998-2012)	520	2.8	3.0	2.7	-	-	-	-	2.9	2.9	2.7	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	88	4.8	3.9	5.6	-	-	-	-	6.3	3.5	4.1	-
SOUTH AFRICA, paediatric, White (1998-2012)	57	5.2	4.0	6.4	-	-	-	-	9.1	2.8	2.7	-
TUNISIA, 2 registries (1993-2007)	115	6.0	6.7	5.2	162	6.1	6.5	5.7	5.7	4.9	7.5	6.7
TUNISIA, Central (1993-2007)	9	4.1	3.6	4.7	17	5.5	4.5	6.6	5.6	1.4	5.3	10.3
TUNISIA, North (1994-2006)	106	6.2	7.1	5.2	145	6.2	6.8	5.6	5.7	5.4	7.8	6.3
UGANDA, Kampala (1996-2013)	12	0.9	1.1	0.7	16	0.9	1.1	0.7	0.2	1.9	0.7	0.9
ZIMBABWE, Harare (1995-2013)	39	4.5	5.2	3.9	56	4.8	5.8	3.9	5.1	4.1	4.2	5.7
<b>AMERICA, LATIN AND THE CARIBBEAN</b>												
ARGENTINA, paediatric (2000-2013)	1273	9.0	8.9	9.0	-	-	-	-	11.3	6.3	8.8	-
ARGENTINA, 6 registries (1991-2013)	173	7.9	7.6	8.3	213	7.4	7.1	7.7	9.2	6.3	8.1	5.4
ARGENTINA, Chaco (2002-2012)	28	7.6	6.5	8.8	34	7.0	6.1	8.0	7.7	5.8	9.5	5.0
ARGENTINA, Córdoba (2004-2012)	43	5.9	7.4	4.3	57	5.8	7.5	4.0	7.0	4.4	6.0	5.5
ARGENTINA, Entre Ríos (2001-2011)	20	6.2	7.1	5.2	22	5.2	5.5	4.8	9.8	3.5	4.3	1.8
ARGENTINA, Mendoza (2003-2012)	43	9.5	8.7	10.4	58	9.5	8.4	10.7	10.1	9.4	8.9	9.6
ARGENTINA, Neuquén (2003-2013)	21	11.5	4.0	19.3	23	9.7	3.1	16.5	10.3	11.8	12.9	3.5
BRAZIL, 5 registries (1995-2012)	145	8.0	9.1	6.8	205	8.0	9.3	6.7	8.7	8.1	6.9	8.2
BRAZIL, Aracaju (1996-2012)	12	5.5	6.8	4.2	17	5.5	6.3	4.7	7.0	4.1	5.0	5.6
BRAZIL, Belo Horizonte (2000-2006)	27	6.8	7.3	6.2	44	7.6	8.3	7.0	5.4	7.9	7.3	10.6
BRAZIL, Curitiba (1998-2010)	56	10.8	14.0	7.5	78	10.8	13.9	7.5	12.5	10.7	8.6	10.7
BRAZIL, Goiânia (1995-2011)	40	8.2	9.0	7.4	49	7.4	8.4	6.4	8.9	7.5	8.0	4.5
BRAZIL, João Pessoa (1999-2010)	10	5.2	2.7	7.8	17	6.0	4.9	7.1	6.2	7.4	1.4	8.7
CHILE, paediatric (2007-2011)	163	8.8	10.4	7.2	-	-	-	-	10.5	7.2	8.4	-
CHILE, 4 registries (1998-2012)	42	10.0	13.9	5.9	58	9.9	13.6	6.0	17.0	4.0	7.3	9.4
COLOMBIA, 4 registries (1992-2013)	133	7.9	8.1	7.6	191	8.2	8.4	7.9	10.0	6.4	6.7	9.4
COLOMBIA, Bucaramanga (2000-2012)	29	8.6	8.2	9.0	44	9.3	9.9	8.7	10.9	9.3	4.8	11.8
COLOMBIA, Cali (1992-2013)	94	8.4	8.7	8.2	132	8.7	9.0	8.4	11.2	5.5	8.0	9.5
COSTA RICA (1993-2012)	169	7.4	7.9	7.0	215	7.1	7.8	6.3	10.5	5.4	5.6	5.8
CUBA (2000-2012)	151	5.6	6.1	5.2	213	5.7	6.1	5.3	6.1	5.6	5.1	6.0
ECUADOR, 5 registries (1993-2013)	182	8.4	9.1	7.7	254	8.7	9.5	7.9	9.9	6.8	8.3	9.8
ECUADOR, Cuenca (1996-2013)	20	7.5	8.0	7.1	29	8.1	8.8	7.5	6.1	3.6	13.9	10.2
ECUADOR, Guayaquil (2008-2012)	24	7.3	8.8	5.7	40	9.0	11.1	6.9	9.0	6.2	6.0	14.8
ECUADOR, Manabí (1995-2011)	30	4.6	6.0	3.2	34	4.0	5.2	2.7	6.0	4.0	3.5	1.8
ECUADOR, Quito (1993-2012)	91	11.3	11.4	11.2	130	11.9	12.0	11.8	14.3	8.7	10.3	13.9
FRANCE, 3 registries (1990-2012)	21	6.5	8.0	5.0	28	6.5	7.9	5.1	4.9	7.6	7.4	6.6
HONDURAS, Francisco Morazán (2002-2012)	25	3.2	4.1	2.4	34	3.5	3.8	3.1	2.2	3.5	4.4	4.2
JAMAICA, Kingston and St Andrew (1982-2012)	25	4.0	4.4	3.6	34	4.1	4.6	3.7	2.7	4.1	6.5	4.4
MEXICO, Mexico City, paediatric (1997-2013)	108	9.2	8.8	9.6	-	-	-	-	11.2	6.1	10.1	-
PERU, Lima (2010-2012)	53	7.9	7.6	8.1	73	7.8	8.0	7.6	11.5	6.4	4.7	7.6
PERU, Trujillo (1990-2002)	19	8.1	11.9	4.4	26	8.1	11.4	4.8	11.3	3.9	8.6	8.0
USA, Puerto Rico (1992-2012)	112	6.1	6.8	5.3	177	7.0	7.5	6.5	5.5	4.7	8.4	10.2
URUGUAY (1993-2012)	127	8.4	9.8	7.0	169	8.4	9.7	6.9	10.2	6.3	8.4	8.1
<b>AMERICA, NORTH</b>												
CANADA, 9 registries (1992-2013)	823	7.4	7.2	7.6	1128	7.4	7.2	7.6	10.5	4.6	6.4	7.3
CANADA, Alberta (1992-2013)	93	6.9	7.6	6.2	142	7.6	7.9	7.2	11.5	2.8	5.4	9.9
CANADA, British Columbia (1992-2013)	119	8.0	8.1	7.8	156	7.6	7.6	7.7	12.1	3.7	7.4	6.3
CANADA, Manitoba (1992-2013)	31	5.8	3.4	8.4	50	6.8	5.5	8.2	6.5	2.8	8.3	10.3
CANADA, Nova Scotia (1992-2013)	27	8.1	8.0	8.3	36	7.8	8.1	7.4	12.9	3.4	7.0	6.6
CANADA, Ontario (1992-2012)	356	7.8	7.6	8.0	468	7.5	7.5	7.6	10.5	5.6	6.7	6.6
CANADA, Quebec (1992-2010)	162	6.7	6.3	7.2	228	6.8	6.4	7.3	9.2	4.7	5.7	7.2
CANADA, Saskatchewan (1992-2013)	33	7.7	7.6	7.8	45	7.5	6.9	8.2	12.8	4.5	4.3	7.1
USA (1998-2012)	6785	7.8	8.1	7.5	9604	8.1	8.3	7.8	11.4	4.5	6.6	8.9
USA, API (1998-2012)	349	7.9	8.9	7.0	470	7.9	8.4	7.5	11.4	5.0	6.7	7.9
USA, Black (1998-2012)	996	6.9	7.0	6.8	1377	7.0	7.1	7.0	9.6	4.0	6.6	7.4
USA, Hispanic White (1998-2012)	1424	8.6	8.7	8.4	1916	8.8	9.1	8.5	12.3	4.7	7.9	9.5
USA, Native American (1998-2012)	84	5.8	5.5	6.1	124	6.3	5.7	6.8	6.9	3.6	6.8	7.9
USA, NH White (1998-2012)	3747	7.5	7.8	7.2	5477	7.8	8.1	7.5	11.2	4.3	6.0	9.0
USA, NPCR (1998-2012)	6499	7.8	8.1	7.6	9175	8.0	8.3	7.8	11.4	4.6	6.6	8.8
USA, NPCR, API (1998-2012)	314	7.8	8.6	7.0	417	7.7	8.1	7.4	11.1	5.2	6.4	7.3
USA, NPCR, Black (1998-2012)	979	6.9	7.1	6.8	1356	7.0	7.1	7.0	9.6	4.1	6.6	7.5
USA, NPCR, Hispanic White (1998-2012)	1382	8.7	8.8	8.5	1849	8.8	9.1	8.5	12.4	4.8	8.0	9.4
USA, NPCR, Native American (1998-2012)	73	5.5	5.4	5.6	106	5.8	5.6	6.1	6.6	3.4	6.3	7.1
USA, NPCR, NH White (1998-2012)	3570	7.5	7.8	7.2	5213	7.8	8.1	7.5	11.2	4.4	6.0	8.9
USA, SEER 18 (1993-2012)	2290	8.3	8.6	7.9	3204	8.6	8.8	8.3	12.0	4.8	7.2	9.5
USA, SEER 18, API (1993-2012)	239	9.3	10.0	8.5	322	9.3	9.7	8.9	13.7	5.7	7.4	9.2

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ib. Acute myeloid leukaemias

	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)	311	7.7	8.0	7.3	406	7.5	7.6	7.3	10.8	4.1	7.4	6.8
USA, SEER 18, Hispanic White (1993-2012)	661	9.2	9.3	9.0	903	9.5	9.8	9.2	12.8	5.3	8.6	10.7
USA, SEER 18, Native American (1993-2012)	35	6.4	6.4	6.3	50	6.7	6.3	7.1	6.8	4.9	7.3	7.9
USA, SEER 18, NH White (1993-2012)	1017	7.7	8.1	7.3	1492	8.1	8.4	7.8	11.4	4.4	6.3	9.7
USA, SEER 9, Black (1993-2012)	135	8.3	8.1	8.5	171	7.9	7.4	8.3	13.3	4.2	6.0	6.5
USA, SEER 9, White (1993-2012)	569	7.2	7.6	6.8	830	7.7	8.1	7.3	10.8	4.0	5.9	9.5
USA, Alabama (1998-2012)	97	7.2	8.0	6.4	137	7.4	8.1	6.7	10.3	3.7	7.1	8.0
USA, Alabama, Black (1998-2012)	30	7.0	8.6	5.4	48	7.9	8.6	7.2	9.9	3.4	7.0	11.0
USA, Alabama, NH White (1998-2012)	60	7.2	7.6	6.8	80	7.1	7.6	6.5	10.5	4.2	6.3	6.4
USA, Alaska (1998-2012)	25	10.9	16.0	5.6	30	9.9	13.4	6.2	14.6	5.3	12.4	6.3
USA, Alaska, NH White (1998-2012)	9	6.7	9.1	4.2	11	6.1	7.9	4.3	11.4	0.0	8.1	4.1
USA, Arizona (1998-2012)	119	6.5	5.3	7.6	179	7.2	6.2	8.3	9.3	3.2	6.2	9.7
USA, Arizona, Hispanic White (1998-2012)	51	7.4	7.8	7.0	70	7.7	7.4	8.1	10.7	3.4	7.3	9.0
USA, Arizona, NH White (1998-2012)	50	6.1	4.5	7.7	83	7.1	5.9	8.4	10.2	2.1	4.9	10.7
USA, Arkansas (1998-2012)	59	7.0	6.8	7.2	78	6.8	6.4	7.3	9.5	3.2	7.9	6.4
USA, Arkansas, Black (1998-2012)	9	5.1	6.9	3.3	15	6.1	7.5	4.7	6.8	1.7	6.5	9.7
USA, Arkansas, NH White (1998-2012)	42	7.4	7.5	7.2	51	6.7	6.6	6.7	10.9	4.1	6.3	4.2
USA, California (1998-2012)	1023	9.2	9.5	8.9	1402	9.3	9.5	9.0	13.6	5.5	7.5	9.6
USA, California, API (1998-2012)	123	9.1	9.2	9.0	159	8.6	8.6	8.7	13.2	6.0	7.0	7.0
USA, California, Black (1998-2012)	83	8.7	9.9	7.4	102	8.0	8.4	7.5	11.2	4.6	9.8	5.6
USA, California, Hispanic White (1998-2012)	495	9.9	9.6	10.2	668	10.1	10.1	10.1	14.4	5.8	8.4	10.8
USA, California, NH White (1998-2012)	315	8.8	9.7	7.9	462	9.2	9.8	8.5	13.6	5.4	6.3	10.4
USA, California, Greater California (2000-2012)	499	9.2	9.3	9.2	683	9.3	9.5	8.9	14.1	5.0	7.5	9.3
USA, California, Greater California, API (2000-2012)	55	10.7	9.6	11.9	69	9.9	8.9	10.8	16.7	5.1	8.9	6.9
USA, California, Greater California, Black (2000-2012)	30	7.3	7.8	6.9	37	6.8	7.2	6.3	8.6	3.0	10.4	5.0
USA, California, Greater California, Hispanic White (2000-2012)	244	10.2	9.9	10.6	316	10.0	10.0	10.0	15.2	5.5	8.9	9.3
USA, California, Greater California, NH White (2000-2012)	160	8.2	9.2	7.2	247	8.7	9.8	7.6	13.1	5.1	5.1	10.6
USA, California, Los Angeles (1993-2012)	379	9.1	9.6	8.5	517	9.3	9.6	8.9	12.4	5.7	8.3	10.0
USA, California, Los Angeles, API (1993-2012)	41	9.3	9.2	9.3	56	9.1	8.9	9.3	14.5	6.0	6.0	8.5
USA, California, Los Angeles, Black (1993-2012)	38	8.1	9.1	7.0	47	7.6	7.6	7.5	10.6	4.8	8.4	5.7
USA, California, Los Angeles, Hispanic White (1993-2012)	221	9.5	9.9	9.0	305	10.0	10.5	9.4	12.1	6.4	9.3	11.7
USA, California, Los Angeles, NH White (1993-2012)	78	9.0	9.6	8.3	108	9.2	9.4	8.9	13.6	4.7	7.5	9.8
USA, California, San Francisco (1993-2012)	124	8.4	9.3	7.4	170	8.6	9.2	8.0	12.8	5.9	5.2	9.5
USA, California, San Francisco, API (1993-2012)	30	8.9	10.5	7.3	40	8.9	10.4	7.2	13.4	7.9	4.2	8.7
USA, California, San Francisco, Black (1993-2012)	21	11.3	11.6	11.0	26	10.5	9.7	11.3	16.3	8.8	7.4	7.8
USA, California, San Francisco, Hispanic White (1993-2012)	26	7.2	9.3	5.1	39	8.3	9.9	6.6	14.6	1.7	3.6	11.8
USA, California, San Francisco, NH White (1993-2012)	42	7.2	7.4	7.0	60	7.7	7.6	7.9	10.6	5.5	4.5	9.6
USA, California, San Francisco, White (1993-2012)	68	7.2	8.1	6.3	99	8.0	8.5	7.4	12.2	4.1	4.2	10.4
USA, California, San José (1993-2012)	94	9.4	8.4	10.5	124	9.4	8.5	10.3	12.3	5.4	9.9	9.3
USA, California, San José, API (1993-2012)	17	7.5	6.1	8.9	22	7.5	6.7	8.3	9.6	6.7	5.7	7.6
USA, California, San José, Hispanic White (1993-2012)	42	11.1	9.9	12.5	56	11.3	10.2	12.5	15.0	6.5	11.2	12.0
USA, California, San José, NH White (1993-2012)	34	9.9	8.8	11.1	44	9.6	8.6	10.6	13.0	4.4	11.9	8.3
USA, Colorado (1998-2012)	88	6.2	7.1	5.2	140	7.2	8.3	6.0	8.8	2.3	7.0	10.6
USA, Colorado, Hispanic White (1998-2012)	32	8.7	7.5	9.9	45	9.4	8.2	10.7	11.7	0.8	13.4	12.1
USA, Colorado, NH White (1998-2012)	46	5.3	6.5	4.0	80	6.4	7.9	4.8	7.8	2.6	4.7	10.3
USA, Connecticut (1993-2012)	106	8.0	8.3	7.7	143	8.0	8.4	7.6	10.9	4.9	7.6	8.0
USA, Connecticut, Black (1993-2012)	16	8.5	6.8	10.2	17	6.9	5.3	8.6	11.3	3.0	10.7	1.6
USA, Connecticut, Hispanic White (1993-2012)	19	10.7	15.2	6.1	28	11.8	14.0	9.6	14.4	5.1	12.1	15.6
USA, Connecticut, NH White (1993-2012)	68	7.6	7.4	7.7	93	7.6	7.9	7.3	10.4	5.3	6.3	7.8
USA, Connecticut, White (1993-2012)	87	8.1	8.7	7.5	121	8.3	8.9	7.7	11.1	5.3	7.2	9.0
USA, Delaware (1998-2012)	18	7.6	9.8	5.3	23	7.2	9.1	5.1	11.1	6.1	4.7	5.5
USA, Delaware, NH White (1998-2012)	9	6.6	8.6	4.4	12	6.3	8.3	4.2	10.7	4.1	3.8	5.3
USA, District of Columbia (1998-2012)	15	11.0	14.2	7.7	19	10.1	12.7	7.5	16.1	2.3	13.8	6.9
USA, Florida (1998-2012)	319	6.9	6.8	7.0	495	7.7	7.7	7.7	9.7	4.8	5.6	10.3
USA, Florida, Black (1998-2012)	71	6.7	5.7	7.8	109	7.4	7.3	7.6	9.6	5.3	4.4	9.8
USA, Florida, Hispanic White (1998-2012)	80	7.9	8.3	7.5	123	8.8	9.2	8.3	11.5	4.4	6.8	11.8
USA, Florida, NH White (1998-2012)	156	6.5	6.8	6.3	244	7.3	7.3	7.3	8.7	4.9	5.5	9.9
USA, Georgia (1998-2012)	224	7.9	7.3	8.4	319	8.3	7.8	8.7	10.4	5.4	7.1	9.7
USA, Georgia, Black (1998-2012)	85	8.4	7.5	9.4	111	8.2	7.9	8.4	11.7	4.6	8.3	7.2
USA, Georgia, Hispanic White (1998-2012)	17	6.5	5.0	8.2	24	7.4	5.6	9.5	6.4	8.6	4.5	10.4
USA, Georgia, NH White (1998-2012)	113	7.7	7.4	8.0	173	8.5	8.1	9.0	10.5	5.0	6.9	11.5
USA, Georgia, Atlanta (1993-2012)	101	8.0	7.9	8.1	136	8.1	8.6	7.6	12.2	4.4	6.3	8.6
USA, Georgia, Atlanta, Black (1993-2012)	52	9.7	9.6	9.8	63	8.9	9.2	8.6	16.1	4.7	6.7	6.0
USA, Georgia, Atlanta, Hispanic White (1993-2012)	10	7.2	6.5	7.8	14	8.1	9.4	6.1	10.1	4.8	5.9	11.3
USA, Georgia, Atlanta, NH White (1993-2012)	32	6.3	6.0	6.6	50	7.3	7.8	6.8	9.2	2.9	6.3	10.8
USA, Georgia, Atlanta, White (1993-2012)	42	6.5	6.3	6.7	64	7.5	8.3	6.6	9.4	3.3	6.2	10.9
USA, Georgia, Greater Georgia (2000-2012)	121	7.5	6.8	8.1	184	8.3	7.5	9.1	8.7	5.4	8.1	11.1
USA, Georgia, Greater Georgia, Black (2000-2012)	33	6.4	5.0	7.8	48	6.8	6.4	7.3	5.6	4.3	9.8	8.4
USA, Georgia, Greater Georgia, NH White (2000-2012)	79	8.4	8.2	8.5	121	9.3	8.7	9.9	11.4	5.3	7.7	12.3
USA, Hawaii (1993-2012)	58	12.0	12.9	11.0	84	12.8	12.9	12.8	19.9	3.7	10.7	15.8
USA, Hawaii, API (1993-2012)	46	12.0	13.8	10.2	67	13.0	13.7	12.2	19.0	3.1	12.7	16.2
USA, Hawaii, Hawaiian (1993-2012)	17	10.6	14.7	6.2	24	11.4	13.2	9.5	16.1	0.0	15.1	14.0
USA, Idaho (1998-2012)	32	6.8	6.9	6.7	45	7.0	7.2	6.8	10.9	4.3	4.2	7.7
USA, Idaho, NH White (1998-2012)	25	6.8	6.1	7.4	37	7.1	6.6	7.7	12.2	3.0	3.6	8.4
USA, Illinois (1998-2012)	306	8.0	8.3	7.8	423	8.2	8.5	7.7	11.3	4.9	7.1	8.6
USA, Illinois, API (1998-2012)	11	6.7	6.0	7.3	15	6.8	5.5	8.2	9.8	5.4	3.8	7.3
USA, Illinois, Black (1998-2012)	55	7.7	6.0	9.5	76	7.8	6.7	8.9	12.7	1.2	8.3	8.1
USA, Illinois, Hispanic White (1998-2012)	68	9.1	9.3	8.8	82	8.4	8.6	8.3	11.9	6.4	8.3	6.3
USA, Illinois, NH White (1998-2012)	166	7.7	8.7	6.6	241	8.0	9.1	6.9	10.5	5.5	6.4	9.2
USA, Indiana (1998-2012)	133	7.2	6.6	7.8	210	8.0	8.1	8.0	11.4	4.6	4.4	11.1
USA, Indiana, Black (1998-2012)	11	4.5	4.2	4.8	19	5.8	6.1	5.5	6.0	2.4	4.9	10.3
USA, Indiana, NH White (1998-2012)	101	7.0	6.5	7.5	167	8.0	8.1	7.9	11.0	4.5	4.4	11.7
USA, Iowa (1993-2012)	74	6.6	5.8	7.4	114	7.2	7.0	7.3	10.5	3.5	4.8	9.1
USA, Iowa, NH White (1993-2012)	67	6.9	6.1	7.6	104	7.4	7.5	7.3	11.0	3.7	4.8	9.4
USA, Iowa, White (1993-2012)	73	7.0	6.3	7.8	112	7.5	7.5	7.6	11.1	3.8	5.1	9.4

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ib. Acute myeloid leukaemias

	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)	72	6.0	6.4	5.7	120	7.2	6.7	7.7	9.3	3.6	4.5	11.0
USA, Kentucky, NH White (1998-2012)	55	5.4	5.8	5.0	96	6.6	6.3	6.9	7.6	3.1	4.9	10.9
USA, Louisiana (1998-2012)	102	7.3	7.3	7.3	144	7.5	7.6	7.5	9.8	4.5	7.1	8.2
USA, Louisiana, Black (1998-2012)	37	6.7	8.7	4.6	54	7.1	8.7	5.3	9.1	4.8	5.6	8.4
USA, Louisiana, NH White (1998-2012)	57	7.5	6.1	9.1	81	7.8	6.6	9.0	10.3	4.3	7.4	8.5
USA, Maine (1998-2012)	31	9.2	9.1	9.3	45	9.4	9.9	8.9	12.4	6.0	8.5	10.3
USA, Maine, NH White (1998-2012)	28	8.9	8.3	9.5	42	9.3	9.5	9.1	12.4	4.6	9.0	10.9
USA, Maryland (1998-2012)	132	8.2	8.9	7.5	173	8.0	8.7	7.2	12.3	5.2	6.1	7.0
USA, Maryland, Black (1998-2012)	39	6.9	8.1	5.7	49	6.5	7.2	5.8	9.1	5.7	5.3	5.0
USA, Maryland, NH White (1998-2012)	74	8.8	10.0	7.5	96	8.4	9.4	7.3	13.1	5.1	7.2	7.0
USA, Massachusetts (1998-2012)	117	6.7	5.4	8.1	171	7.0	5.8	8.3	9.6	3.0	7.0	8.1
USA, Massachusetts, Black (1998-2012)	8	4.0	4.0	4.1	11	4.1	3.8	4.5	1.6	5.0	6.3	4.5
USA, Massachusetts, Hispanic White (1998-2012)	16	8.9	4.1	13.8	23	9.4	6.0	12.9	14.0	1.6	10.0	11.3
USA, Massachusetts, NH White (1998-2012)	84	6.7	5.6	8.0	122	6.9	5.8	8.1	10.4	3.2	5.9	7.6
USA, Michigan (1998-2012)	242	8.4	9.3	7.5	321	8.1	8.7	7.5	13.4	3.7	7.0	7.2
USA, Michigan, Black (1998-2012)	32	5.9	5.8	5.9	43	5.8	5.4	6.2	9.4	2.5	4.9	5.6
USA, Michigan, Hispanic White (1998-2012)	10	6.1	7.0	5.1	12	5.7	7.2	4.0	8.2	1.8	8.0	4.2
USA, Michigan, NH White (1998-2012)	184	9.0	9.7	8.1	249	8.7	9.2	8.2	14.2	4.1	7.3	7.9
USA, Michigan, Detroit (1993-2012)	120	7.5	8.6	6.2	159	7.4	8.2	6.5	11.6	3.1	6.7	7.2
USA, Michigan, Detroit, Black (1993-2012)	32	6.6	7.4	5.9	45	6.9	7.3	6.4	11.5	2.8	4.4	7.7
USA, Michigan, Detroit, NH White (1993-2012)	75	7.6	8.6	6.5	97	7.4	7.9	6.8	11.0	3.8	7.2	6.6
USA, Michigan, Detroit, White (1993-2012)	82	7.8	9.0	6.4	107	7.6	8.4	6.7	11.4	3.5	7.6	7.1
USA, Minnesota (1998-2012)	109	7.1	7.0	7.2	159	7.5	7.6	7.5	10.1	4.0	6.6	8.9
USA, Minnesota, NH White (1998-2012)	76	6.3	6.7	5.8	120	7.0	7.4	6.5	8.5	3.4	6.5	9.5
USA, Mississippi (2002-2012)	49	7.3	7.9	6.7	66	7.2	7.5	6.9	10.1	4.5	6.8	6.9
USA, Mississippi, Black (2002-2012)	15	4.8	4.8	4.7	23	5.3	5.4	5.3	5.0	3.0	6.5	7.2
USA, Mississippi, NH White (2002-2012)	32	9.6	10.0	9.1	41	9.0	9.2	8.9	14.6	6.1	6.6	7.2
USA, Missouri (1996-2012)	130	6.9	6.6	7.1	200	7.5	7.6	7.5	10.3	4.2	5.2	9.9
USA, Missouri, Black (1996-2012)	17	5.3	7.3	3.2	28	6.4	7.3	5.5	5.0	1.9	9.4	10.4
USA, Missouri, NH White (1996-2012)	92	6.3	5.8	6.8	138	6.7	6.6	6.8	9.5	4.4	4.0	8.1
USA, Montana (1998-2012)	26	10.4	13.9	6.7	36	10.2	13.3	7.0	18.4	5.6	5.1	9.5
USA, Montana, NH White (1998-2012)	20	9.7	12.8	6.4	29	9.7	12.8	6.5	17.0	5.3	4.8	10.0
USA, Nebraska (1998-2012)	41	7.8	8.0	7.6	66	8.9	9.3	8.4	13.9	2.7	5.3	12.5
USA, Nebraska, NH White (1998-2012)	26	6.5	6.3	6.8	42	7.2	7.5	6.9	11.4	3.5	3.3	9.7
USA, Nevada (1998-2012)	59	8.2	9.2	7.1	84	8.8	9.6	8.0	13.4	2.8	7.3	10.8
USA, Nevada, Hispanic White (1998-2012)	20	8.5	9.1	7.7	29	9.6	10.3	8.8	13.7	5.0	5.4	13.5
USA, Nevada, NH White (1998-2012)	28	8.1	8.9	7.3	41	8.8	9.5	8.0	12.1	2.6	8.9	11.0
USA, New Hampshire (1998-2012)	20	5.5	5.3	5.7	28	5.5	5.4	5.7	6.4	4.1	5.9	5.8
USA, New Hampshire, NH White (1998-2012)	16	4.8	4.2	5.3	23	4.9	4.3	5.5	5.1	4.4	4.8	5.4
USA, New Jersey (1998-2012)	217	8.7	10.3	7.1	308	9.1	10.3	7.9	12.6	4.5	8.2	10.6
USA, New Jersey, API (1998-2012)	16	7.6	10.3	4.8	25	9.2	10.2	8.3	9.3	7.0	6.0	14.9
USA, New Jersey, Black (1998-2012)	38	8.3	9.7	6.8	50	8.1	9.5	6.7	10.8	3.9	9.8	7.5
USA, New Jersey, Hispanic White (1998-2012)	30	7.1	7.5	6.6	43	7.6	8.6	6.5	11.6	1.4	7.4	9.3
USA, New Jersey, NH White (1998-2012)	127	9.1	11.1	7.0	181	9.5	10.9	8.1	13.1	5.0	8.2	11.0
USA, New Mexico (1993-2012)	47	5.5	6.1	4.9	82	7.0	7.5	6.5	5.5	3.6	7.6	12.1
USA, New Mexico, Hispanic White (1993-2012)	18	4.3	4.0	4.5	32	5.6	5.6	5.5	4.3	2.9	5.7	10.0
USA, New Mexico, NH White (1993-2012)	16	5.7	8.2	2.9	29	7.3	9.0	5.6	4.8	3.4	9.3	13.1
USA, New Mexico, White (1993-2012)	34	4.8	5.7	3.9	61	6.3	7.0	5.5	4.5	3.1	7.2	11.3
USA, New York State (1998-2012)	422	7.9	7.8	8.0	584	8.0	7.8	8.1	11.6	4.4	6.9	8.1
USA, New York State, API (1998-2012)	17	4.5	2.6	6.5	28	5.3	4.3	6.4	6.1	1.6	5.6	8.1
USA, New York State, Black (1998-2012)	88	7.4	6.7	8.2	111	7.0	6.2	7.7	9.7	4.5	7.7	5.3
USA, New York State, Hispanic White (1998-2012)	82	9.4	9.0	9.8	103	8.9	8.9	8.8	13.4	5.9	8.0	7.0
USA, New York State, NH White (1998-2012)	206	7.3	7.7	6.8	309	7.7	7.9	7.6	11.6	3.7	5.6	9.3
USA, New York State, White (1998-2012)	288	7.8	8.0	7.5	412	8.0	8.1	7.9	12.0	4.2	6.1	8.8
USA, North Carolina (1998-2012)	201	7.7	6.9	8.5	263	7.5	7.0	8.1	10.0	4.9	7.8	6.8
USA, North Carolina, Black (1998-2012)	54	7.9	7.1	8.9	72	7.8	7.1	8.5	11.1	5.1	6.9	7.1
USA, North Carolina, Hispanic White (1998-2012)	22	9.2	10.0	8.3	24	7.9	8.4	7.3	9.7	6.5	11.5	3.3
USA, North Carolina, NH White (1998-2012)	115	7.4	6.7	8.1	155	7.3	6.9	7.8	9.5	4.5	7.7	7.2
USA, North Dakota (1998-2012)	10	5.8	7.8	3.7	17	6.6	9.5	3.5	9.8	4.9	1.5	9.1
USA, North Dakota, NH White (1998-2012)	8	5.6	6.7	4.4	14	6.3	8.4	4.1	9.8	3.8	1.8	8.8
USA, Ohio (1998-2012)	253	7.8	8.2	7.3	341	7.6	8.1	7.1	12.3	4.2	5.7	7.1
USA, Ohio, Black (1998-2012)	34	6.2	5.9	6.5	45	6.1	5.5	6.7	9.0	4.2	4.6	5.8
USA, Ohio, NH White (1998-2012)	197	7.8	8.4	7.2	268	7.7	8.3	7.0	12.5	3.8	6.0	7.2
USA, Oklahoma (1998-2012)	88	8.3	8.4	8.1	131	8.8	9.1	8.5	12.3	6.8	4.5	10.8
USA, Oklahoma, Native American (1998-2012)	12	8.0	9.5	6.4	24	11.4	12.5	10.4	10.0	5.9	7.6	23.4
USA, Oklahoma, NH White (1998-2012)	51	7.6	7.1	8.2	71	7.6	7.3	7.9	11.3	6.8	3.6	7.5
USA, Oregon (1998-2012)	75	7.4	8.5	6.3	109	7.8	8.4	7.2	10.8	5.2	5.5	9.1
USA, Oregon, Hispanic White (1998-2012)	17	10.1	5.8	14.5	20	9.3	4.5	14.4	14.1	8.9	6.1	6.6
USA, Oregon, NH White (1998-2012)	51	6.9	8.7	5.0	82	7.7	9.0	6.4	9.6	4.7	5.8	10.6
USA, Pennsylvania (1998-2012)	268	8.0	7.7	8.4	393	8.4	8.3	8.4	11.7	4.8	6.8	9.4
USA, Pennsylvania, Black (1998-2012)	41	8.0	7.5	8.5	62	8.7	8.9	8.5	11.6	5.1	6.4	11.1
USA, Pennsylvania, Hispanic White (1998-2012)	11	5.5	2.9	8.2	15	5.6	4.2	7.1	6.9	4.5	4.6	6.1
USA, Pennsylvania, NH White (1998-2012)	195	7.8	7.3	8.4	287	8.1	7.9	8.2	11.6	4.7	6.3	8.9
USA, Rhode Island (1998-2012)	18	6.4	7.4	5.5	32	7.7	8.7	6.6	8.8	5.1	4.9	11.9
USA, Rhode Island, NH White (1998-2012)	14	6.8	5.8	7.8	22	7.3	6.5	8.2	6.5	7.2	6.7	9.2
USA, South Carolina (1998-2012)	87	6.9	7.6	6.2	133	7.6	8.2	6.9	9.2	4.7	6.3	9.8
USA, South Carolina, Black (1998-2012)	26	5.8	7.3	4.3	38	6.1	7.2	4.9	6.8	5.3	4.9	7.1
USA, South Carolina, NH White (1998-2012)	54	7.5	7.3	7.7	87	8.5	8.7	8.3	11.1	4.4	6.2	12.1
USA, South Dakota (2001-2012)	14	6.7	11.3	1.9	18	6.5	9.9	2.8	3.0	7.7	10.5	5.6
USA, South Dakota, NH White (2001-2012)	12	7.5	13.3	1.3	16	7.3	11.8	2.6	4.0	9.9	9.4	6.8
USA, Tennessee (1999-2012)	100	6.3	6.3	6.3	163	7.3	7.5	7.2	10.4	2.7	4.8	10.8
USA, Tennessee, Black (1999-2012)	22	6.1	7.1	5.1	39	7.7	8.3	7.2	7.5	5.7	4.7	13.3
USA, Tennessee, NH White (1999-2012)	67	6.0	6.2	5.8	112	7.1	7.4	6.7	10.7	1.5	4.8	10.7
USA, Texas (1998-2012)	600	7.8	8.7	6.8	812	7.8	8.4	7.2	11.2	4.2	7.1	8.1
USA, Texas, API (1998-2012)	21	7.4	11.0	3.8	25	6.8	9.5	4.0	9.8	5.2	6.7	4.6

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ib. Acute myeloid leukaemias

	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)	68	6.6	6.7	6.5	93	6.6	5.9	7.4	10.3	2.5	6.2	6.8
USA, Texas, Hispanic White (1998-2012)	281	8.3	9.5	7.0	374	8.4	9.4	7.3	11.7	4.3	8.0	8.9
USA, Texas, NH White (1998-2012)	216	7.4	7.8	6.9	304	7.5	7.8	7.2	10.8	4.4	6.1	8.0
USA, Utah (1993-2012)	101	8.2	9.3	7.1	143	8.6	9.1	8.0	13.4	3.9	6.1	9.9
USA, Utah, Hispanic White (1993-2012)	12	8.0	6.5	9.6	17	8.8	8.0	9.7	10.3	4.1	9.2	11.8
USA, Utah, NH White (1993-2012)	80	8.0	9.5	6.5	115	8.4	9.2	7.6	13.4	3.8	5.6	9.8
USA, Utah, White (1993-2012)	92	8.0	9.1	6.8	132	8.4	9.1	7.8	12.9	3.9	6.0	10.0
USA, Vermont (1998-2012)	12	8.1	12.4	3.5	18	8.2	12.7	3.4	14.2	3.6	4.8	8.5
USA, Vermont, NH White (1998-2012)	12	8.6	13.1	3.7	17	8.3	12.8	3.6	15.2	3.8	5.0	7.5
USA, Virginia (1998-2012)	164	7.6	7.9	7.3	230	7.8	8.5	7.1	11.3	4.3	6.4	8.4
USA, Virginia, Black (1998-2012)	37	7.3	8.2	6.3	51	7.2	8.2	6.2	10.5	6.2	4.2	7.2
USA, Virginia, Hispanic White (1998-2012)	12	7.0	6.9	7.2	12	5.4	5.3	5.6	10.4	3.7	6.3	0.0
USA, Virginia, NH White (1998-2012)	106	7.9	8.2	7.7	148	8.1	8.7	7.4	11.8	4.1	7.0	8.4
USA, Washington State (1998-2012)	139	7.5	7.1	7.9	187	7.4	7.2	7.8	9.8	5.9	6.2	7.2
USA, Washington State, Hispanic White (1998-2012)	19	7.1	7.3	6.8	23	6.7	7.4	5.9	7.0	5.6	8.8	5.3
USA, Washington State, NH White (1998-2012)	94	7.6	6.8	8.5	130	7.6	6.8	8.4	11.0	6.0	4.9	7.5
USA, Washington, Seattle (1993-2012)	111	7.0	7.0	7.1	158	7.3	7.3	7.4	10.2	4.8	5.3	8.4
USA, Washington, Seattle, API (1993-2012)	15	9.1	14.3	3.7	19	8.6	12.6	4.4	10.6	5.6	10.9	6.9
USA, Washington, Seattle, Hispanic White (1993-2012)	9	6.3	4.1	8.5	11	6.0	5.4	6.6	10.9	4.2	2.4	5.1
USA, Washington, Seattle, NH White (1993-2012)	78	7.0	6.8	7.3	115	7.5	7.2	7.8	10.5	4.9	4.8	9.1
USA, Washington, Seattle, White (1993-2012)	87	7.0	6.5	7.5	126	7.4	7.0	7.8	10.6	4.8	4.6	8.7
USA, West Virginia (1998-2012)	29	6.4	6.7	6.1	43	6.7	7.1	6.3	10.3	3.8	4.1	7.7
USA, West Virginia, NH White (1998-2012)	29	6.9	7.2	6.6	43	7.2	7.7	6.8	11.2	4.0	4.4	8.2
USA, Wisconsin (1998-2012)	150	9.5	9.4	9.6	196	9.1	9.1	9.0	14.0	5.8	7.7	7.5
USA, Wisconsin, NH White (1998-2012)	97	7.9	7.9	7.8	136	7.9	8.0	7.7	10.9	4.9	7.0	7.8
USA, Wyoming (1998-2012)	6	4.2	7.0	1.3	9	4.4	6.1	2.6	7.7	3.9	0.0	5.0
<b>ASIA</b>												
BAHRAIN (1998-2012)	21	7.1	8.5	5.6	29	7.4	8.9	5.9	12.9	2.8	4.0	8.7
CHINA, 6 registries (1990-2013)	276	4.7	5.2	4.2	499	5.4	5.9	4.9	4.4	4.0	6.1	7.9
CHINA, Beijing (2000-2013)	148	8.5	8.9	8.0	281	9.5	9.9	9.0	7.2	7.6	11.1	12.8
CHINA, Dalian (2003-2012)	13	5.5	4.1	7.0	30	7.7	7.6	8.0	1.6	4.6	11.7	15.4
CHINA, Guangzhou (2010-2012)	32	10.1	15.3	3.9	51	10.4	14.2	5.9	15.5	5.9	7.3	11.5
CHINA, Hong Kong (1990-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHINA, Shanghai (2002-2012)	47	8.0	6.8	9.1	81	8.3	7.5	9.1	6.9	6.6	10.9	9.3
CHINA, Zhongshan (2003-2012)	36	9.2	11.4	6.7	56	11.2	13.6	8.5	5.9	10.0	12.7	18.0
INDIA, 7 registries (1990-2013)	885	5.1	5.8	4.4	1303	5.5	6.2	4.7	5.3	4.6	5.6	6.6
INDIA, Bangalore (1993-2011)	134	4.4	4.2	4.6	186	4.5	4.5	4.4	3.9	4.6	4.8	4.7
INDIA, Chennai (1993-2013)	129	5.9	6.7	5.0	197	6.4	7.2	5.5	5.5	5.7	6.5	8.2
INDIA, Kollam (2006-2012)	30	7.3	8.3	6.2	42	7.5	8.7	6.4	8.5	4.5	8.7	8.6
INDIA, Mumbai (1993-2012)	272	4.4	4.9	3.8	410	4.7	5.1	4.3	5.1	3.3	4.7	5.6
INDIA, Nagpur (1990-2012)	59	4.2	4.8	3.5	95	4.9	5.8	4.0	3.5	3.7	5.7	7.5
INDIA, New Delhi (2003-2010)	240	6.4	7.9	4.7	349	6.9	8.5	4.9	6.7	6.3	6.2	8.5
INDIA, Trivandrum (2005-2012)	21	9.4	9.9	8.9	24	8.2	8.3	8.2	7.1	7.9	14.3	4.1
IRAN, Golestan (2004-2011)	21	5.7	5.7	5.6	33	6.0	6.8	5.2	4.4	5.6	7.4	7.1
ISRAEL (1990-2012)	275	6.7	6.9	6.4	371	7.0	7.2	6.7	8.0	4.9	7.0	7.9
ISRAEL, Jews (1990-2012)	199	6.6	6.7	6.6	281	7.1	7.3	7.0	7.8	5.0	6.9	8.8
ISRAEL, Non-Jews (1990-2012)	76	6.8	7.6	6.0	90	6.3	6.8	5.9	8.4	4.5	7.2	4.8
JAPAN, 8 registries (1990-2013)	629	10.9	11.1	10.6	863	10.6	10.8	10.4	15.5	7.8	8.3	9.7
JAPAN, Aichi (2008-2012)	38	7.6	7.7	7.4	58	8.3	8.9	7.7	11.5	5.6	4.4	10.9
JAPAN, Hiroshima (1990-2012)	44	11.4	11.4	11.5	61	11.2	12.1	10.3	18.3	5.9	8.5	10.4
JAPAN, Miyagi (1990-2010)	67	9.2	10.1	8.2	94	9.0	10.0	7.9	11.8	7.9	7.1	8.3
JAPAN, Nagasaki (1993-2012)	49	11.0	14.3	7.5	69	11.0	13.6	8.3	13.8	10.4	8.0	11.0
JAPAN, Niigata (2003-2012)	36	12.2	14.3	10.1	51	12.4	12.6	12.1	17.8	9.5	7.8	12.8
JAPAN, Osaka (1990-2012)	328	11.7	11.7	11.8	438	11.1	11.1	11.2	16.8	8.3	8.8	9.1
JAPAN, Tochigi (2005-2012)	22	10.3	12.7	7.8	25	8.9	10.9	6.7	14.5	4.1	11.7	3.9
JAPAN, Yamagata (1990-2013)	45	10.8	6.7	15.1	67	11.4	7.7	15.4	15.4	6.2	9.8	13.6
JORDAN (2000-2012)	227	8.4	8.7	8.0	325	9.2	9.8	8.7	8.5	7.6	9.0	12.3
REPUBLIC OF KOREA (1999-2012)	1326	10.7	11.6	9.6	1906	11.0	11.8	10.1	12.7	8.6	10.4	12.0
REPUBLIC OF KOREA, Busan (1999-2012)	85	10.6	12.0	9.0	126	10.7	12.2	9.0	13.8	5.4	12.1	11.0
REPUBLIC OF KOREA, Daegu (1999-2012)	68	10.4	11.3	9.5	104	11.1	11.5	10.7	10.7	9.5	11.1	13.6
REPUBLIC OF KOREA, Daejeon (1999-2012)	38	9.7	10.5	8.9	63	11.2	12.0	10.3	12.0	8.6	8.0	16.2
REPUBLIC OF KOREA, Gwangju (1997-2012)	62	13.6	13.6	13.7	81	12.9	13.4	12.4	18.1	10.4	11.3	10.5
REPUBLIC OF KOREA, Incheon (1998-2012)	88	11.3	11.7	10.8	120	11.2	11.0	11.4	12.4	8.2	13.2	11.0
REPUBLIC OF KOREA, Jeju (2000-2012)	25	17.9	15.2	20.9	32	17.0	15.2	19.0	25.2	11.6	15.2	14.0
REPUBLIC OF KOREA, Seoul (1995-2012)	340	10.7	12.7	8.6	501	11.0	12.4	9.5	12.5	8.5	10.8	12.1
REPUBLIC OF KOREA, Ulsan (2001-2012)	26	10.1	8.5	11.8	39	10.7	9.5	12.1	12.1	9.8	7.7	13.0
KUWAIT (1994-2012)	82	6.8	7.9	5.7	106	7.0	7.9	6.0	9.6	5.0	5.2	7.4
KUWAIT, Kuwaitis (1994-2012)	50	7.1	8.3	5.8	66	7.4	7.8	6.9	9.1	5.0	6.5	8.5
KUWAIT, Non-Kuwaitis (1994-2012)	32	6.5	7.5	5.5	40	6.4	7.9	4.6	10.3	4.8	3.4	5.9
LEBANON (2008-2010)	29	8.3	9.0	7.7	38	8.1	8.7	7.4	11.4	4.0	9.1	7.2
PAKISTAN, Karachi (1995-2002)	28	4.9	6.4	3.3	48	6.9	7.0	6.9	5.0	3.0	7.0	13.9
PAKISTAN, Lahore (2008-2012)	51	2.7	3.1	2.4	57	2.4	2.7	2.0	3.0	2.2	3.0	1.1
PHILIPPINES, 2 registries (1993-2012)	872	11.6	12.6	10.6	1151	11.6	12.8	10.5	13.2	11.2	10.1	11.6
PHILIPPINES, Manila (1993-2012)	407	11.7	12.7	10.7	538	11.7	12.8	10.5	13.4	9.9	11.5	11.4
PHILIPPINES, Rizal (1993-2012)	465	11.6	12.6	10.5	613	11.6	12.8	10.5	12.9	12.3	9.0	11.8
QATAR (2002-2014)	11	3.8	2.7	4.9	19	5.2	5.4	4.5	6.3	3.0	1.2	10.0
SAUDI ARABIA, Riyadh (1994-2012)	253	7.6	8.7	6.4	338	8.1	9.4	6.8	8.9	5.8	7.8	9.8
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	57	10.1	14.4	5.5	72	10.6	14.0	7.0	13.6	6.2	9.9	12.3
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	196	7.1	7.6	6.6	266	7.6	8.4	6.7	7.9	5.7	7.5	9.4
THAILAND, 6 registries (1993-2013)	270	7.1	8.1	6.2	386	7.2	7.8	6.5	9.9	4.8	6.0	7.2
THAILAND, Bangkok (2001-2012)	50	3.9	4.9	2.9	75	4.0	4.7	3.2	5.3	2.7	3.5	4.1
THAILAND, Chiang Mai (1993-2012)	64	11.6	12.1	11.1	92	11.7	11.9	11.5	15.6	8.8	9.5	12.0
THAILAND, Chonburi (1998-2012)	23	6.6	8.2	4.8	32	6.6	7.4	5.9	11.4	3.2	3.9	6.9
THAILAND, Khon Kaen (1993-2012)	54	7.5	9.0	5.9	73	7.3	8.1	6.5	9.6	7.2	5.2	6.6
THAILAND, Lampang (1993-2013)	33	11.8	14.9	8.5	44	11.2	13.4	8.9	16.6	5.1	12.7	9.4

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ib. Acute myeloid leukaemias

	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)	46	7.6	6.7	8.5	70	8.1	8.1	8.3	11.4	3.7	6.7	10.1
TURKEY, paediatric (2009-2011)	324	5.7	6.1	5.4	-	-	-	-	6.2	5.0	5.9	-
TURKEY, 8 registries (1992-2012)	330	8.5	9.0	8.0	451	8.5	8.9	8.1	10.5	6.3	8.3	8.5
TURKEY, Ankara (2008-2012)	47	9.1	10.5	7.5	72	10.1	12.0	8.1	11.5	6.9	8.1	13.8
TURKEY, Antalya (1998-2012)	45	7.8	7.5	8.1	62	7.9	7.3	8.5	13.0	2.9	6.2	8.3
TURKEY, Bursa (2004-2012)	44	8.8	10.2	7.4	51	7.7	8.9	6.5	11.4	5.9	8.5	4.0
TURKEY, Erzurum (2006-2012)	17	9.8	8.1	11.5	20	8.8	7.1	10.6	7.8	5.3	17.3	5.6
TURKEY, İzmir (1992-2012)	113	7.2	7.6	6.7	163	7.4	7.7	7.1	8.0	6.6	6.6	8.3
TURKEY, Samsun (2003-2012)	48	15.8	16.5	15.1	55	13.6	13.9	13.3	17.6	12.7	16.8	6.2
TURKEY, Trabzon (2003-2012)	9	5.7	7.9	3.5	19	7.8	10.1	5.4	8.3	3.5	4.8	14.9
VIET NAM, Ho Chi Minh City (1995-2013)	189	8.0	7.9	8.0	241	7.2	7.1	7.3	10.1	6.3	7.0	4.6
<b>EUROPE</b>												
AUSTRIA (1990-2012)	222	7.5	8.0	7.1	304	7.5	7.8	7.2	10.9	4.2	6.8	7.4
BELARUS, paediatric (1990-2014)	282	6.4	7.4	5.3	438	6.9	7.8	5.9	7.0	5.5	6.5	8.7
BELGIUM (2004-2013)	116	6.6	5.7	7.5	170	7.0	6.5	7.6	9.7	3.7	5.7	8.5
BULGARIA (1990-2013)	142	4.8	5.5	4.0	187	4.5	4.9	4.1	5.8	3.5	4.8	3.6
CROATIA (2001-2014)	68	7.7	8.6	6.7	90	7.3	8.1	6.5	10.9	5.5	5.7	6.2
CYPRUS, South-West (1998-2012)	22	10.1	12.5	7.6	31	10.1	11.6	8.5	10.3	11.0	8.7	10.2
CZECH REPUBLIC (1990-2012)	266	6.9	6.9	6.9	377	6.9	6.9	6.8	8.8	5.2	6.2	6.7
ESTONIA (1990-2012)	35	5.9	7.3	4.5	56	6.7	7.8	5.5	5.6	4.7	7.7	9.4
FRANCE, paediatric (2000-2012)	961	6.7	6.9	6.5	-	-	-	-	9.3	4.4	5.8	-
FRANCE, paediatric specialized (1990-1999)	755	7.0	6.8	7.2	-	-	-	-	9.9	4.8	5.5	-
FRANCE, 13 registries (1993-2012)	205	6.9	6.9	7.0	306	7.4	7.4	7.5	11.2	3.8	4.7	9.1
FRANCE, Bas-Rhin (1993-2011)	27	7.3	9.0	5.5	36	7.2	8.7	5.6	8.1	5.6	8.0	6.8
FRANCE, Calvados (1990-2012)	18	6.8	6.3	7.3	27	7.1	6.9	7.3	12.7	3.1	3.0	8.2
FRANCE, Doubs (1993-2012)	9	4.8	7.3	2.1	18	6.5	8.1	4.8	6.2	4.6	3.0	12.5
FRANCE, Gironde (2008-2012)	7	5.9	5.1	6.6	11	6.5	5.9	7.1	9.6	2.4	4.7	8.7
FRANCE, Haut-Rhin (1993-2012)	15	6.3	5.6	7.0	27	7.9	5.8	10.0	15.5	0.0	1.1	13.3
FRANCE, Hérault (1993-2012)	23	7.6	7.3	7.9	32	7.5	8.2	6.8	14.8	2.7	3.5	7.2
FRANCE, Isère (1993-2012)	38	8.7	6.3	11.2	45	7.8	5.5	10.2	12.1	6.6	6.6	4.5
FRANCE, Loire-Atlantique and Vendée (1998-2012)	25	5.2	5.2	5.2	50	7.2	7.3	7.1	9.3	2.9	2.3	14.1
FRANCE, Manche (1994-2012)	13	8.2	8.3	8.2	21	9.5	10.9	8.0	16.4	0.0	6.6	13.8
FRANCE, Somme (1993-2012)	15	7.4	6.1	8.8	18	6.6	5.9	7.4	11.5	5.6	4.1	3.8
GERMANY, paediatric (1996-2012)	1399	7.2	7.3	7.2	-	-	-	-	10.7	4.3	5.9	-
GERMANY, 6 Eastern registries (2001-2007)	107	8.1	8.3	8.0	156	7.8	7.8	7.8	11.4	5.2	7.1	6.5
GERMANY, 5 Western registries (1994-2012)	322	6.9	7.1	6.8	454	7.0	7.1	6.8	10.4	4.2	5.5	7.1
GERMANY, Bavaria (2002-2012)	127	6.8	6.5	7.2	176	6.7	6.2	7.3	11.3	3.3	4.8	6.4
GERMANY, Lower Saxony (2003-2012)	77	6.9	7.4	6.3	114	7.2	7.6	6.6	9.5	5.3	5.2	8.1
GERMANY, Rhine-Pfalz (1998-2012)	57	6.4	6.4	6.2	79	6.4	6.9	5.8	8.1	4.2	6.6	6.4
GERMANY, Saarland (1994-2012)	27	10.3	12.9	7.6	36	9.9	11.6	8.1	15.7	4.3	9.8	8.5
GERMANY, Schleswig-Holstein (2000-2012)	34	6.7	6.8	6.5	49	6.9	6.8	6.9	9.7	4.9	4.5	7.5
GREECE, paediatric specialized (1996-2014)	182	6.0	5.5	6.5	-	-	-	-	8.5	4.2	4.7	-
HUNGARY, paediatric (1991-2014)	225	5.8	6.0	5.5	-	-	-	-	7.5	4.2	5.2	-
ICELAND (1990-2014)	7	4.5	3.8	5.2	13	5.9	6.9	4.8	7.2	1.8	3.7	11.0
IRELAND (1994-2012)	122	7.6	7.2	8.1	167	7.6	7.3	8.0	11.0	5.7	5.3	7.6
ITALY, 2 paediatric registries (1998-2011)	57	6.7	7.7	5.5	89	7.7	8.4	6.9	6.3	4.7	9.3	11.1
ITALY, Marche, paediatric (1998-2007)	11	6.2	6.6	5.7	16	6.4	7.6	5.1	9.5	6.3	1.5	7.1
ITALY, Piedmont, paediatric (1990-2011)	98	8.2	8.6	7.7	-	-	-	-	8.2	5.2	11.5	-
ITALY, Piedmont, paediatric (2000-2011)	46	6.8	8.1	5.5	73	8.1	8.7	7.5	5.4	4.2	11.7	12.4
ITALY, 26 registries (1992-2013)	315	7.7	8.0	7.3	451	8.0	8.5	7.5	8.4	6.3	8.3	9.0
ITALY, Brescia (1999-2012)	9	4.1	3.5	4.8	13	4.5	3.9	5.0	5.1	2.7	4.3	5.7
ITALY, Catania (2003-2013)	31	9.6	10.1	9.1	42	9.4	9.9	8.9	11.8	5.7	11.1	8.6
ITALY, Friuli-Venezia Giulia (1995-2010)	14	5.9	6.6	5.1	24	7.4	9.0	5.7	3.9	2.7	12.1	12.7
ITALY, Milan (1999-2007)	12	9.2	13.4	4.7	18	10.5	15.9	4.8	4.2	14.4	10.1	14.9
ITALY, Modena (1990-2012)	16	8.3	8.9	7.8	20	7.7	8.1	7.3	7.7	6.5	11.2	5.8
ITALY, Naples (1996-2012)	23	9.3	8.8	9.8	37	10.9	10.4	11.3	6.6	8.9	13.5	16.1
ITALY, Parma (1992-2013)	9	8.5	13.3	3.4	10	7.2	10.3	3.9	10.8	5.7	8.6	2.6
ITALY, Ragusa (1992-2012)	8	6.2	2.6	9.9	13	7.0	4.6	9.5	7.1	6.8	4.3	9.8
ITALY, Reggio Emilia (1996-2012)	9	8.1	8.7	7.5	12	8.2	8.0	8.5	14.5	7.8	0.0	8.4
ITALY, Romagna (1990-2012)	21	7.8	7.9	7.7	29	7.7	8.1	7.2	12.4	7.4	2.1	7.3
ITALY, Salerno (1997-2009)	16	6.3	7.1	5.4	22	6.3	7.4	5.2	4.2	3.9	11.8	6.5
ITALY, Sassari (1992-2011)	12	9.4	11.6	7.1	17	9.3	11.3	7.1	10.0	11.6	6.2	8.8
ITALY, Turin (1992-2012)	16	6.9	5.0	8.9	23	7.3	5.6	9.2	2.6	4.2	15.5	8.8
ITALY, Umbria (1994-2011)	19	10.2	10.7	9.7	24	9.5	9.5	9.4	12.8	6.5	10.8	7.0
ITALY, Varese (1992-2012)	15	6.6	8.2	4.9	22	6.9	6.9	6.9	8.9	6.4	3.8	7.9
ITALY, Veneto (1992-2009)	45	7.8	7.4	8.2	67	8.3	8.1	8.4	10.8	6.1	5.5	9.9
LITHUANIA (2000-2012)	48	7.4	6.6	8.2	72	7.4	6.8	8.1	11.4	4.4	5.3	7.6
MALTA (1994-2013)	11	7.5	9.1	5.7	19	9.0	11.8	6.1	4.6	12.6	5.7	14.2
THE NETHERLANDS (1993-2013)	452	7.7	8.8	6.6	600	7.6	8.5	6.7	11.9	3.9	6.4	7.3
NORWAY (1990-2013)	165	8.2	9.0	7.3	202	7.5	8.1	6.9	13.5	4.8	4.9	5.3
POLAND (2001-2013)	472	6.2	6.7	5.6	709	6.3	6.8	5.7	9.1	3.7	5.1	6.6
POLAND, Greater Poland (1999-2013)	77	9.1	9.7	8.4	108	8.8	10.0	7.5	13.1	5.6	7.6	8.0
POLAND, Kielce (1990-2013)	27	5.1	5.2	5.0	41	5.4	6.4	4.3	7.0	2.8	5.3	6.2
POLAND, Lower Silesia (2000-2013)	32	5.7	4.5	7.0	49	5.8	5.1	6.6	8.5	5.2	2.7	6.1
POLAND, Lublin (1999-2013)	31	6.2	8.0	4.5	53	6.8	8.3	5.3	10.9	3.3	3.3	8.7
PORTUGAL (1991-2012)	222	8.2	7.9	8.5	298	8.0	7.8	8.3	8.8	6.6	9.2	7.4
PORTUGAL, Centre (2000-2010)	33	8.3	8.4	8.1	46	8.4	8.3	8.4	8.2	5.4	11.6	8.7
PORTUGAL, North (1991-2010)	81	7.3	7.9	6.6	107	6.9	7.6	6.2	9.2	5.6	6.6	5.7
PORTUGAL, South (1998-2012)	103	9.2	8.1	10.4	136	9.1	8.0	10.2	8.3	8.3	11.6	8.4
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	56	6.6	7.7	5.5	-	-	-	-	9.0	4.6	5.7	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	78	7.0	6.6	7.4	110	6.8	6.5	7.2	9.1	4.5	6.8	6.3
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	26	9.8	8.9	10.8	31	8.6	8.1	9.2	13.0	7.0	8.6	4.5
RUSSIAN FEDERATION, Samara (1998-2015)	52	6.0	5.8	6.2	79	6.2	6.0	6.4	7.7	3.7	6.4	6.8
SLOVAKIA (1990-2009)	133	6.5	6.7	6.3	193	6.6	7.2	6.0	8.3	5.5	5.2	6.9
SLOVAKIA, paediatric (2000-2012)	77	6.8	6.9	6.8	-	-	-	-	9.0	5.5	5.4	-

*Italic when fewer than 10 cases*

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## Ib. Acute myeloid leukaemias

	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				
SLOVENIA (1991-2012)	45	6.6	5.3	8.0	72	7.2	6.4	8.1	8.8	3.9	6.6	9.4
SPAIN, 2 paediatric registries (1991-2013)	410	8.7	9.5	7.9	-	-	-	-	11.9	6.2	7.3	-
SPAIN, Selected regions, paediatric (2000-2013)	284	8.3	9.1	7.5	-	-	-	-	10.9	6.3	7.1	-
SPAIN, Valencia, paediatric (1991-2010)	125	9.8	10.6	8.9	-	-	-	-	14.5	6.1	7.5	-
SPAIN, 11 registries (1990-2013)	238	7.6	7.8	7.3	341	7.6	8.1	7.2	9.2	5.7	7.4	7.8
SPAIN, Asturias (1992-2010)	16	7.1	8.0	6.2	28	7.9	9.7	6.0	7.4	8.2	5.6	10.5
SPAIN, Balearic Islands (1990-2012)	20	8.0	9.1	6.9	26	7.5	8.8	6.2	13.6	3.5	5.5	6.0
SPAIN, Basque Country (1990-2012)	41	6.4	6.7	6.2	58	6.3	7.2	5.5	9.2	3.3	6.3	6.0
SPAIN, Canary Islands (1993-2011)	37	7.7	8.5	6.9	65	9.1	9.2	9.0	7.9	6.2	9.1	14.0
SPAIN, Girona (1990-2013)	17	7.1	6.7	7.6	29	8.7	8.2	9.1	6.4	5.3	10.2	13.9
SPAIN, Granada (1992-2013)	20	6.3	5.9	6.8	32	7.0	7.7	6.3	9.5	3.7	5.1	9.2
SPAIN, Murcia (1991-2009)	45	10.4	10.9	10.0	51	8.9	9.5	8.3	8.7	11.6	11.4	3.6
SPAIN, Navarra (1990-2010)	9	5.2	1.8	8.9	10	4.4	1.4	7.5	7.1	1.8	6.5	1.4
SPAIN, Tarragona (1990-2011)	19	8.9	11.4	6.5	25	8.5	9.9	7.1	14.9	2.8	7.8	6.9
SWEDEN (1990-2011)	263	7.8	6.9	8.8	350	7.7	7.3	8.1	12.0	4.4	6.1	7.1
SWITZERLAND, paediatric (1990-2013)	211	7.6	8.9	6.1	-	-	-	-	10.8	5.4	5.7	-
SWITZERLAND, 7 registries (1990-2013)	80	7.9	9.6	6.1	101	7.4	8.7	6.1	13.0	3.1	6.5	5.8
SWITZERLAND, Geneva (1993-2013)	7	5.0	8.3	1.6	11	5.7	7.3	4.0	8.2	2.0	4.2	8.1
SWITZERLAND, Vaud (1993-2012)	20	9.5	7.6	11.5	21	7.7	6.4	8.9	15.1	4.0	8.1	1.3
SWITZERLAND, Zurich (1993-2013)	35	8.9	13.4	4.1	46	8.7	12.0	5.2	13.7	4.5	7.5	8.1
UKRAINE (2002-2012)	469	6.4	7.0	5.9	705	6.4	6.9	5.9	8.6	4.8	5.3	6.4
UK (2000-2011)	938	7.4	7.8	6.9	1283	7.4	7.8	6.9	10.3	4.9	6.2	7.4
UK, England (1990-2013)	1561	7.2	7.7	6.7	2133	7.3	7.7	6.9	9.9	5.1	6.0	7.7
UK, England and Wales, paediatric (1991-2010)	1347	7.1	7.5	6.7	-	-	-	-	9.7	4.9	6.0	-
UK, Northern Ireland (1993-2013)	58	7.9	9.7	6.1	83	8.2	9.3	7.1	12.4	4.3	6.0	9.3
UK, Scotland (1991-2013)	147	7.4	7.9	6.8	211	7.7	8.1	7.2	10.7	4.3	6.3	8.7
UK, Wales (2000-2011)	45	7.2	7.8	6.6	62	7.2	8.3	6.1	9.5	4.3	7.5	7.2
<b>OCEANIA</b>												
AUSTRALIA (1992-2014)	699	8.2	9.0	7.5	995	8.6	9.3	7.9	11.7	5.6	6.5	9.9
AUSTRALIA, Indigenous (1992-2014)	28	11.9	11.7	12.1	37	12.4	11.2	13.7	16.2	10.0	8.3	14.1
AUSTRALIA, Australian Capital Territory (1992-2012)	15	11.5	7.9	15.2	21	11.5	9.5	13.6	19.4	6.5	6.4	11.5
AUSTRALIA, New South Wales (1992-2012)	238	8.7	9.7	7.7	322	8.8	9.8	7.7	11.4	6.4	7.9	9.0
AUSTRALIA, Queensland (1992-2013)	135	8.3	8.6	8.0	194	8.7	9.0	8.4	13.6	5.7	4.1	10.0
AUSTRALIA, South Australia (1992-2012)	34	5.6	4.8	6.5	54	6.4	6.0	6.9	7.1	2.9	6.7	9.3
AUSTRALIA, Tasmania (1992-2013)	20	9.5	11.3	7.5	29	10.0	9.9	10.2	12.7	8.2	6.6	12.0
AUSTRALIA, Victoria (1992-2014)	168	7.8	8.8	6.7	248	8.4	9.2	7.5	10.8	5.4	6.3	10.4
AUSTRALIA, Western Australia (1992-2014)	73	7.9	8.9	7.0	108	8.6	9.4	7.7	11.8	4.1	7.1	10.7
FRANCE, 2 registries (1990-2013)	37	12.7	16.0	9.1	50	12.8	17.3	8.0	18.1	8.7	9.8	13.2
FRANCE, New Caledonia (1990-2013)	16	11.7	12.9	10.3	22	12.0	14.7	9.0	19.0	8.0	6.1	12.7
NEW ZEALAND (1993-2012)	165	9.7	9.1	10.2	238	10.3	10.0	10.6	13.4	6.3	8.3	12.5
NEW ZEALAND, API (1993-2012)	19	12.1	14.8	9.2	35	17.5	19.5	15.3	7.2	13.6	16.9	36.1
NEW ZEALAND, Maori (1993-2012)	48	11.3	10.4	12.1	67	12.3	12.1	12.4	15.9	8.4	8.2	15.7
NEW ZEALAND, Other (1993-2012)	98	8.8	8.0	9.6	136	8.8	8.3	9.4	13.3	4.6	7.4	9.1
NEW ZEALAND, paediatric (2000-2012)	106	9.4	8.9	9.8	-	-	-	-	12.5	5.8	9.1	-
NEW ZEALAND, paediatric, Maori (2000-2012)	35	12.5	12.9	12.0	-	-	-	-	17.7	8.6	9.8	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	71	8.3	7.5	9.0	-	-	-	-	10.7	4.9	8.8	-

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