

Ic. Chronic myeloproliferative diseases

	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)	5	0.3	0.4	0.3	18	0.7	0.6	0.7	0.7	0.2	0.0	1.9
ALGERIA, Algiers (2008-2012)	2	0.7	0.6	0.7	5	1.0	1.1	0.8	1.7	0.0	0.0	2.1
ALGERIA, Sétif (1996-2014)	3	0.4	0.6	0.2	8	0.7	0.6	0.8	0.8	0.4	0.0	1.5
ALGERIA, Tiemcen (2006-2014)	-	0.0	0.0	0.0	1	0.3	0.6	0.0	0.0	0.0	0.0	1.2
BOTSWANA (1999-2007)	1	0.2	0.3	0.0	2	0.2	0.5	0.0	0.0	0.0	0.5	0.6
CAMEROON, Yaoundé (2004-2006)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EGYPT, Gharbiah (1999-2010)	8	0.4	0.4	0.5	24	1.0	1.0	0.9	0.0	0.2	1.3	2.9
FRANCE, Réunion (1990-2011)	4	0.9	0.9	0.8	13	2.1	1.7	2.5	0.7	0.7	1.3	6.3
KENYA, 2 registries (2000-2012)	9	0.9	1.1	0.6	17	1.3	1.7	0.9	0.2	0.8	1.7	2.7
KENYA, Eldoret (2000-2011)	5	1.2	1.4	1.0	9	1.8	2.4	1.2	0.7	1.5	1.6	3.8
KENYA, Nairobi (2006-2012)	4	0.7	1.0	0.3	8	1.0	1.3	0.7	0.0	0.5	1.7	2.1
LIBYA, Benghazi (2003-2008)	4	1.4	2.6	0.0	4	1.0	2.1	0.0	2.0	0.0	2.0	0.0
MALI, Bamako (2005-2014)	-	0.0	0.0	0.0	2	0.2	0.4	0.0	0.0	0.0	0.0	0.8
MAURITIUS (2001-2013)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOROCCO, 2 registries (2005-2012)	7	0.7	0.6	0.8	13	1.0	1.0	0.9	0.0	0.7	1.6	1.8
MOROCCO, Casablanca (2005-2012)	5	0.6	0.5	0.7	10	0.8	0.8	0.8	0.0	0.8	1.1	1.7
SOUTH AFRICA, paediatric (1998-2012)	68	0.3	0.3	0.3	-	-	-	-	0.1	0.4	0.5	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	-	0.0	0.0	0.0	-	-	-	-	0.0	0.0	0.0	-
SOUTH AFRICA, paediatric, Black (1998-2012)	54	0.3	0.3	0.3	-	-	-	-	0.1	0.4	0.4	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	8	0.4	0.5	0.3	-	-	-	-	0.3	0.3	0.6	-
SOUTH AFRICA, paediatric, White (1998-2012)	6	0.5	0.5	0.4	-	-	-	-	0.3	0.5	0.7	-
TUNISIA, 2 registries (1993-2007)	2	0.1	0.1	0.1	6	0.2	0.1	0.3	0.0	0.0	0.3	0.6
TUNISIA, Central (1993-2007)	1	0.4	0.7	0.0	1	0.3	0.6	0.0	0.0	0.0	1.3	0.0
TUNISIA, North (1994-2006)	1	0.0	0.0	0.1	5	0.2	0.1	0.3	0.0	0.0	0.2	0.6
UGANDA, Kampala (1996-2013)	7	0.5	0.8	0.3	15	0.8	1.0	0.7	0.6	0.7	0.2	1.8
ZIMBABWE, Harare (1995-2013)	5	0.6	0.5	0.7	5	0.5	0.4	0.5	0.0	0.0	2.1	0.0
AMERICA, LATIN AND THE CARIBBEAN												
ARGENTINA, paediatric (2000-2013)	64	0.4	0.6	0.3	-	-	-	-	0.4	0.4	0.6	-
ARGENTINA, 6 registries (1991-2013)	12	0.5	0.7	0.4	25	0.8	0.9	0.7	0.4	0.5	0.7	1.7
ARGENTINA, Chaco (2002-2012)	2	0.5	0.5	0.5	2	0.4	0.4	0.4	0.0	0.8	0.8	0.0
ARGENTINA, Córdoba (2004-2012)	6	0.8	1.0	0.6	12	1.1	1.1	1.1	0.8	0.4	1.2	2.3
ARGENTINA, Entre Ríos (2001-2011)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARGENTINA, Mendoza (2003-2012)	3	0.7	0.9	0.4	9	1.4	1.5	1.2	0.7	0.7	0.6	3.9
ARGENTINA, Neuquén (2003-2013)	1	0.5	1.1	0.0	2	0.8	1.6	0.0	0.0	1.7	0.0	1.7
BRAZIL, 5 registries (1995-2012)	14	0.8	1.1	0.5	33	1.2	1.6	0.8	0.8	0.7	0.8	2.6
BRAZIL, Aracaju (1996-2012)	1	0.4	0.0	0.7	4	1.0	1.1	1.0	0.0	0.0	1.2	3.4
BRAZIL, Belo Horizonte (2000-2006)	3	0.8	1.5	0.0	7	1.2	1.7	0.5	0.8	0.8	0.7	2.5
BRAZIL, Curitiba (1998-2010)	5	0.8	0.4	1.3	11	1.3	1.2	1.5	0.0	1.1	1.6	2.9
BRAZIL, Goiânia (1995-2011)	4	1.0	1.9	0.0	9	1.3	2.2	0.4	2.5	0.0	0.0	2.5
BRAZIL, João Pessoa (1999-2010)	1	0.5	0.9	0.0	2	0.6	1.3	0.0	0.0	1.5	0.0	1.2
CHILE, paediatric (2007-2011)	12	0.6	0.8	0.4	-	-	-	-	0.3	0.5	1.0	-
CHILE, 4 registries (1998-2012)	5	1.0	0.9	1.1	9	1.3	1.2	1.4	0.7	0.0	2.4	2.4
COLOMBIA, 4 registries (1992-2013)	14	0.8	0.9	0.6	31	1.2	1.5	1.0	0.5	0.5	1.3	2.7
COLOMBIA, Bucaramanga (2000-2012)	4	1.1	1.7	0.6	9	1.8	3.1	0.4	0.9	1.7	0.8	3.9
COLOMBIA, Cali (1992-2013)	9	0.7	0.9	0.5	21	1.2	1.3	1.2	0.3	0.3	1.7	3.0
COSTA RICA (1993-2012)	20	0.8	0.9	0.7	28	0.9	1.1	0.7	0.9	0.6	1.0	1.0
CUBA (2000-2012)	31	1.2	1.4	1.0	45	1.2	1.5	0.9	1.4	0.9	1.1	1.4
ECUADOR, 5 registries (1993-2013)	26	1.3	1.0	1.6	52	1.8	1.7	1.9	2.1	0.7	0.8	3.5
ECUADOR, Cuenca (1996-2013)	4	1.7	0.9	2.4	5	1.5	1.2	1.9	2.4	1.2	1.2	1.1
ECUADOR, Guayaquil (2008-2012)	3	0.9	1.2	0.7	10	2.2	2.6	1.8	1.8	0.0	0.9	6.5
ECUADOR, Manabí (1995-2011)	7	1.1	0.6	1.6	12	1.3	1.3	1.4	1.4	0.9	0.9	2.2
ECUADOR, Quito (1993-2012)	3	0.4	0.5	0.2	13	1.1	1.2	0.9	0.4	0.0	0.7	3.6
FRANCE, 3 registries (1990-2012)	6	2.1	2.1	2.2	12	2.9	2.9	3.0	3.9	1.9	0.0	5.7
HONDURAS, Francisco Morazán (2002-2012)	4	0.5	0.8	0.3	8	0.8	0.8	0.8	0.0	0.8	0.9	1.9
JAMAICA, Kingston and St Andrew (1982-2012)	6	1.1	1.7	0.4	6	0.8	1.3	0.3	1.6	0.5	1.0	0.0
MEXICO, Mexico City, paediatric (1997-2013)	10	0.9	0.8	0.9	-	-	-	-	1.0	0.7	0.8	-
PERU, Lima (2010-2012)	16	2.4	1.8	3.0	24	2.5	1.9	3.1	3.8	0.9	2.1	3.0
PERU, Trujillo (1990-2002)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USA, Puerto Rico (1992-2012)	36	2.1	2.5	1.7	54	2.3	2.7	1.9	3.0	1.8	1.3	2.8
URUGUAY (1993-2012)	11	0.8	1.1	0.4	27	1.3	1.8	0.8	1.2	0.4	0.6	3.1
AMERICA, NORTH												
CANADA, 9 registries (1992-2013)	191	1.7	1.7	1.8	307	2.0	2.0	2.0	2.7	0.9	1.4	2.8
CANADA, Alberta (1992-2013)	16	1.1	1.6	0.5	41	2.0	1.9	2.0	0.9	0.6	1.9	5.0
CANADA, British Columbia (1992-2013)	19	1.1	1.0	1.4	27	1.2	1.0	1.4	1.0	0.4	2.2	1.4
CANADA, Manitoba (1992-2013)	9	1.6	1.5	1.7	13	1.7	1.9	1.6	0.6	2.3	2.2	2.2
CANADA, Nova Scotia (1992-2013)	6	1.7	1.1	2.3	10	2.0	1.2	2.8	1.8	1.7	1.6	2.9
CANADA, Ontario (1992-2012)	82	1.9	1.7	2.1	130	2.1	2.1	2.2	3.6	0.8	1.0	2.8
CANADA, Quebec (1992-2010)	50	2.2	2.4	1.9	70	2.2	2.6	1.7	3.5	1.3	1.2	2.2
CANADA, Saskatchewan (1992-2013)	8	1.9	1.4	2.4	15	2.4	1.9	3.0	3.4	1.3	0.6	4.1
USA (1998-2012)	1290	1.4	1.5	1.4	2414	1.9	2.0	1.8	1.7	0.9	1.8	3.6
USA, API (1998-2012)	59	1.3	1.3	1.2	107	1.7	2.0	1.3	1.0	0.9	2.1	3.1
USA, Black (1998-2012)	187	1.2	1.3	1.2	375	1.8	1.8	1.8	1.1	0.8	1.8	3.7
USA, Hispanic White (1998-2012)	275	1.7	1.7	1.6	468	2.1	2.3	1.9	2.3	0.9	1.7	3.7
USA, Native American (1998-2012)	10	0.7	0.7	0.7	22	1.1	0.9	1.2	0.8	0.2	1.0	2.4
USA, NH White (1998-2012)	707	1.3	1.4	1.3	1346	1.8	1.8	1.8	1.5	0.8	1.6	3.3
USA, NPCR (1998-2012)	1242	1.4	1.5	1.4	2332	1.9	2.0	1.9	1.7	0.9	1.8	3.6
USA, NPCR, API (1998-2012)	59	1.4	1.4	1.4	104	1.8	2.1	1.4	1.1	1.0	2.3	3.2
USA, NPCR, Black (1998-2012)	187	1.2	1.3	1.2	373	1.8	1.8	1.8	1.1	0.8	1.9	3.7
USA, NPCR, Hispanic White (1998-2012)	265	1.7	1.7	1.6	451	2.1	2.3	1.9	2.3	0.8	1.7	3.8
USA, NPCR, Native American (1998-2012)	8	0.6	0.5	0.6	17	0.9	0.8	0.9	0.5	0.2	1.1	1.9
USA, NPCR, NH White (1998-2012)	672	1.3	1.3	1.3	1294	1.8	1.8	1.8	1.5	0.8	1.6	3.4
USA, SEER 18 (1993-2012)	346	1.2	1.2	1.2	664	1.7	1.7	1.6	1.3	0.7	1.7	3.3
USA, SEER 18, API (1993-2012)	35	1.3	1.1	1.4	68	1.8	2.1	1.5	1.1	0.7	2.1	3.7

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

Ic. Chronic myeloproliferative diseases

	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)	43	1.0	0.9	1.1	88	1.5	1.4	1.6	0.6	0.9	1.5	3.2
USA, SEER 18, Hispanic White (1993-2012)	92	1.3	1.3	1.2	161	1.7	1.8	1.5	1.5	0.5	1.7	3.1
USA, SEER 18, Native American (1993-2012)	4	0.7	1.0	0.4	11	1.4	1.0	1.8	1.1	0.0	1.0	3.7
USA, SEER 18, NH White (1993-2012)	168	1.2	1.3	1.1	326	1.7	1.7	1.7	1.4	0.7	1.6	3.2
USA, SEER 9, Black (1993-2012)	18	1.0	0.9	1.0	34	1.4	1.2	1.6	0.4	1.2	1.5	2.9
USA, SEER 9, White (1993-2012)	84	1.0	1.1	0.9	158	1.4	1.4	1.3	1.2	0.6	1.3	2.7
USA, Alabama (1998-2012)	25	1.9	1.6	2.3	41	2.2	1.9	2.6	3.1	1.1	1.2	3.2
USA, Alabama, Black (1998-2012)	11	2.8	2.5	3.1	17	3.0	3.0	3.0	5.0	2.7	0.0	3.7
USA, Alabama, NH White (1998-2012)	12	1.4	1.0	1.8	21	1.7	1.2	2.3	2.2	0.0	2.0	2.9
USA, Alaska (1998-2012)	4	1.7	2.7	0.7	7	2.2	3.2	1.2	2.7	0.0	2.5	3.8
USA, Alaska, NH White (1998-2012)	2	1.5	1.7	1.2	4	2.1	2.2	1.9	2.3	0.0	2.0	4.1
USA, Arizona (1998-2012)	32	1.6	2.1	1.2	54	2.1	2.5	1.6	1.2	1.3	2.6	3.5
USA, Arizona, Hispanic White (1998-2012)	15	2.1	3.0	1.1	20	2.2	3.0	1.3	2.0	2.1	2.3	2.4
USA, Arizona, NH White (1998-2012)	10	1.0	1.4	0.7	23	1.7	2.0	1.4	0.4	0.7	2.3	4.2
USA, Arkansas (1998-2012)	9	1.1	0.8	1.4	21	1.7	1.5	2.0	1.1	1.4	0.7	4.0
USA, Arkansas, Black (1998-2012)	1	0.5	0.0	1.1	2	0.8	0.7	0.9	0.0	1.7	0.0	1.6
USA, Arkansas, NH White (1998-2012)	7	1.2	1.1	1.2	18	2.1	1.9	2.3	1.0	1.5	1.0	5.2
USA, California (1998-2012)	135	1.1	1.1	1.1	275	1.7	1.8	1.5	1.0	0.7	1.8	3.5
USA, California, API (1998-2012)	21	1.4	1.1	1.6	45	2.1	2.5	1.7	0.6	0.9	2.9	4.7
USA, California, Black (1998-2012)	8	0.7	0.9	0.5	20	1.4	1.4	1.4	0.3	0.6	1.4	3.6
USA, California, Hispanic White (1998-2012)	51	1.0	0.9	1.1	99	1.4	1.5	1.4	1.1	0.5	1.4	3.0
USA, California, NH White (1998-2012)	54	1.4	1.5	1.2	108	1.9	2.1	1.8	1.2	1.0	2.0	3.8
USA, California, Greater California (2000-2012)	75	1.3	1.2	1.4	146	1.8	1.8	1.8	1.3	0.6	2.0	3.6
USA, California, Greater California, API (2000-2012)	11	1.9	1.5	2.2	19	2.3	2.9	1.7	1.2	1.1	3.7	3.9
USA, California, Greater California, Black (2000-2012)	1	0.2	0.4	0.0	4	0.6	0.9	0.3	0.0	0.0	0.7	2.1
USA, California, Greater California, Hispanic White (2000-2012)	31	1.3	1.0	1.5	52	1.6	1.5	1.6	1.5	0.5	1.7	2.7
USA, California, Greater California, NH White (2000-2012)	31	1.4	1.3	1.5	67	2.1	2.0	2.2	1.4	0.9	2.0	4.4
USA, California, Los Angeles (1993-2012)	48	1.1	1.3	0.8	92	1.6	1.8	1.3	1.0	0.6	1.8	3.2
USA, California, Los Angeles, API (1993-2012)	6	1.1	0.7	1.6	11	1.5	1.5	1.5	0.7	0.0	3.0	2.8
USA, California, Los Angeles, Black (1993-2012)	7	1.3	2.3	0.4	13	1.9	2.6	1.2	0.7	1.2	2.4	3.8
USA, California, Los Angeles, Hispanic White (1993-2012)	22	0.9	1.1	0.8	45	1.4	1.6	1.3	1.2	0.3	1.3	3.2
USA, California, Los Angeles, NH White (1993-2012)	13	1.4	1.8	0.9	23	1.8	2.1	1.4	0.7	1.7	2.0	3.3
USA, California, San Francisco (1993-2012)	12	0.8	0.8	0.7	28	1.3	1.4	1.3	0.6	0.8	1.0	3.3
USA, California, San Francisco, API (1993-2012)	4	1.3	1.9	0.6	12	2.5	3.4	1.6	2.5	0.9	0.0	6.9
USA, California, San Francisco, Black (1993-2012)	3	1.3	0.0	2.7	5	1.7	0.0	3.5	0.0	1.5	3.0	3.1
USA, California, San Francisco, Hispanic White (1993-2012)	2	0.5	0.5	0.5	5	1.0	1.6	0.4	0.0	0.8	0.9	2.7
USA, California, San Francisco, NH White (1993-2012)	3	0.5	0.6	0.3	6	0.7	0.7	0.7	0.0	0.5	1.0	1.6
USA, California, San Francisco, White (1993-2012)	5	0.5	0.6	0.4	11	0.8	1.0	0.6	0.0	0.6	1.0	2.0
USA, California, San José (1993-2012)	6	0.6	0.4	0.8	11	0.8	0.6	1.1	0.6	0.3	0.9	1.6
USA, California, San José, API (1993-2012)	2	0.8	0.0	1.7	3	1.0	0.0	2.0	0.0	1.3	1.4	1.5
USA, California, San José, Hispanic White (1993-2012)	4	1.1	1.0	1.1	6	1.2	1.5	0.8	1.4	0.0	1.7	1.7
USA, California, San José, NH White (1993-2012)	-	0.0	0.0	0.0	2	0.4	0.0	0.8	0.0	0.0	0.0	1.7
USA, Colorado (1998-2012)	18	1.2	1.6	0.9	34	1.7	2.0	1.3	1.2	0.6	1.9	3.3
USA, Colorado, Hispanic White (1998-2012)	3	0.8	1.1	0.5	5	1.1	1.3	0.9	1.5	0.8	0.0	1.9
USA, Colorado, NH White (1998-2012)	12	1.2	1.8	0.7	25	1.9	2.3	1.4	1.0	0.7	2.2	3.9
USA, Connecticut (1993-2012)	18	1.3	1.6	1.0	23	1.2	1.6	0.9	1.2	0.9	1.9	1.1
USA, Connecticut, Black (1993-2012)	-	0.0	0.0	0.0	1	0.4	0.7	0.0	0.0	0.0	0.0	1.6
USA, Connecticut, Hispanic White (1993-2012)	4	2.3	3.3	1.3	5	2.2	3.3	1.0	3.2	1.7	1.7	1.7
USA, Connecticut, NH White (1993-2012)	13	1.3	1.5	1.1	14	1.1	1.3	0.9	1.0	0.9	2.1	0.3
USA, Connecticut, White (1993-2012)	17	1.5	1.8	1.2	19	1.3	1.6	0.9	1.4	1.1	2.0	0.5
USA, Delaware (1998-2012)	3	1.2	1.6	0.7	7	1.9	1.7	2.0	1.2	0.0	2.3	4.4
USA, Delaware, NH White (1998-2012)	2	1.4	2.7	0.0	4	1.9	2.9	0.8	2.1	0.0	1.9	3.5
USA, District of Columbia (1998-2012)	2	1.4	1.5	1.3	5	2.3	3.6	1.0	2.0	0.0	2.3	5.2
USA, Florida (1998-2012)	73	1.5	1.6	1.5	134	2.0	2.1	1.9	1.9	1.1	1.6	3.6
USA, Florida, Black (1998-2012)	12	1.0	1.2	0.8	27	1.6	1.7	1.6	0.6	0.6	2.1	3.9
USA, Florida, Hispanic White (1998-2012)	13	1.4	1.9	0.8	26	1.9	2.3	1.4	2.8	0.6	0.3	3.6
USA, Florida, NH White (1998-2012)	44	1.8	1.5	2.0	75	2.2	2.1	2.2	1.8	1.6	1.9	3.5
USA, Georgia (1998-2012)	45	1.5	1.3	1.8	76	1.9	1.8	2.0	1.8	0.9	1.8	3.2
USA, Georgia, Black (1998-2012)	18	1.7	1.3	2.1	28	1.9	1.7	2.1	1.2	2.0	1.9	2.8
USA, Georgia, Hispanic White (1998-2012)	5	1.9	1.5	2.4	5	1.5	1.2	1.8	2.7	0.0	3.0	0.0
USA, Georgia, NH White (1998-2012)	19	1.3	1.3	1.2	37	1.8	1.9	1.7	2.0	0.2	1.5	3.5
USA, Georgia, Atlanta (1993-2012)	13	1.0	0.9	1.1	25	1.4	1.2	1.6	0.4	1.4	1.2	2.9
USA, Georgia, Atlanta, Black (1993-2012)	7	1.1	1.3	1.0	14	1.7	2.0	1.5	0.0	2.6	1.0	3.8
USA, Georgia, Atlanta, Hispanic White (1993-2012)	1	0.7	1.3	0.0	2	1.1	1.0	1.5	1.7	0.0	0.0	2.8
USA, Georgia, Atlanta, NH White (1993-2012)	4	0.7	0.3	1.1	7	1.0	0.5	1.4	0.6	0.0	1.7	1.8
USA, Georgia, Atlanta, White (1993-2012)	5	0.7	0.6	0.9	9	1.0	0.7	1.4	0.9	0.0	1.4	2.0
USA, Georgia, Greater Georgia (2000-2012)	30	1.9	1.4	2.4	50	2.3	2.0	2.5	2.8	0.6	2.2	3.5
USA, Georgia, Greater Georgia, Black (2000-2012)	10	2.0	0.8	3.3	12	1.8	0.9	2.8	2.5	1.2	2.3	1.1
USA, Georgia, Greater Georgia, NH White (2000-2012)	14	1.5	1.7	1.3	30	2.2	2.5	2.0	2.5	0.3	1.5	4.7
USA, Hawaii (1993-2012)	6	1.1	1.8	0.4	9	1.3	2.2	0.3	0.6	0.6	2.4	1.8
USA, Hawaii, API (1993-2012)	4	0.9	1.3	0.4	7	1.2	2.0	0.3	0.0	0.8	2.2	2.3
USA, Hawaii, Hawaiian (1993-2012)	3	1.7	3.3	0.0	3	1.3	2.6	0.0	0.0	1.9	3.8	0.0
USA, Idaho (1998-2012)	5	1.0	0.7	1.2	12	1.7	1.6	1.8	0.6	1.2	1.2	4.1
USA, Idaho, NH White (1998-2012)	5	1.2	0.9	1.5	12	2.0	1.9	2.2	0.8	1.5	1.5	4.9
USA, Illinois (1998-2012)	48	1.2	1.3	1.0	90	1.6	1.7	1.5	1.2	0.6	1.8	3.1
USA, Illinois, API (1998-2012)	1	0.6	1.1	0.0	1	0.4	0.9	0.0	0.0	0.0	1.9	0.0
USA, Illinois, Black (1998-2012)	10	1.2	1.6	0.7	19	1.7	1.9	1.4	0.4	0.4	3.0	3.5
USA, Illinois, Hispanic White (1998-2012)	8	1.1	1.3	0.8	16	1.7	1.6	1.7	1.8	0.4	0.9	3.6
USA, Illinois, NH White (1998-2012)	28	1.2	1.3	1.2	52	1.6	1.7	1.5	1.3	0.8	1.6	2.9
USA, Indiana (1998-2012)	13	0.6	0.7	0.6	34	1.2	1.3	1.0	0.3	0.6	1.0	3.0
USA, Indiana, Black (1998-2012)	2	0.8	0.0	1.7	5	1.5	0.6	2.5	1.2	0.0	1.2	3.9
USA, Indiana, NH White (1998-2012)	11	0.6	0.8	0.5	28	1.2	1.4	0.9	0.2	0.8	1.1	3.0
USA, Iowa (1993-2012)	14	1.2	0.8	1.6	25	1.5	0.9	2.1	1.6	0.8	1.2	2.5
USA, Iowa, NH White (1993-2012)	13	1.3	0.7	1.9	23	1.5	0.9	2.3	1.5	0.9	1.3	2.5
USA, Iowa, White (1993-2012)	13	1.2	0.6	1.7	24	1.5	0.8	2.2	1.4	0.8	1.3	2.7

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

Ic. Chronic myeloproliferative diseases

	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)	14	1.0	0.9	1.2	28	1.5	1.5	1.6	0.2	1.2	1.9	3.2
USA, Kentucky, NH White (1998-2012)	13	1.1	0.9	1.4	26	1.6	1.5	1.8	0.3	1.4	1.9	3.5
USA, Louisiana (1998-2012)	13	0.9	0.9	0.9	35	1.7	1.7	1.7	1.1	0.4	1.2	4.3
USA, Louisiana, Black (1998-2012)	5	0.9	0.3	1.5	17	2.0	1.3	2.7	1.1	0.5	1.0	5.9
USA, Louisiana, NH White (1998-2012)	6	0.8	1.2	0.3	15	1.3	1.7	0.9	1.2	0.0	1.1	3.2
USA, Maine (1998-2012)	4	1.3	2.0	0.6	6	1.3	1.5	1.1	1.9	1.7	0.0	1.5
USA, Maine, NH White (1998-2012)	3	1.0	1.3	0.6	5	1.1	1.0	1.2	1.0	1.8	0.0	1.6
USA, Maryland (1998-2012)	10	0.6	0.7	0.5	32	1.3	1.7	0.9	0.7	0.0	1.0	3.8
USA, Maryland, Black (1998-2012)	3	0.6	0.8	0.3	12	1.4	1.7	1.1	1.1	0.0	0.5	4.5
USA, Maryland, NH White (1998-2012)	4	0.4	0.5	0.4	13	1.0	1.5	0.4	0.4	0.0	0.9	2.9
USA, Massachusetts (1998-2012)	23	1.2	1.2	1.3	44	1.6	1.6	1.7	0.9	1.2	1.7	3.1
USA, Massachusetts, Black (1998-2012)	2	1.0	0.9	1.1	3	1.1	0.7	1.5	0.0	1.7	1.6	1.5
USA, Massachusetts, Hispanic White (1998-2012)	4	2.2	2.1	2.2	10	3.9	4.5	3.2	3.1	0.0	3.3	9.6
USA, Massachusetts, NH White (1998-2012)	14	1.0	1.0	1.0	27	1.4	1.3	1.4	0.7	0.9	1.5	2.6
USA, Michigan (1998-2012)	43	1.4	1.7	1.2	79	1.9	2.0	1.7	2.0	0.6	1.7	3.3
USA, Michigan, Black (1998-2012)	14	2.4	2.4	2.5	18	2.3	1.8	2.8	2.8	1.5	2.9	2.0
USA, Michigan, Hispanic White (1998-2012)	-	0.0	0.0	0.0	1	0.5	0.9	0.0	0.0	0.0	0.0	2.1
USA, Michigan, NH White (1998-2012)	26	1.2	1.5	1.0	54	1.7	1.9	1.5	1.9	0.3	1.4	3.4
USA, Michigan, Detroit (1993-2012)	18	1.1	1.6	0.5	39	1.7	2.0	1.4	1.5	0.3	1.4	3.9
USA, Michigan, Detroit, Black (1993-2012)	7	1.3	1.7	0.8	11	1.5	1.3	1.7	1.2	0.0	2.8	2.4
USA, Michigan, Detroit, NH White (1993-2012)	10	1.0	1.6	0.4	27	1.9	2.4	1.4	1.5	0.6	0.8	5.1
USA, Michigan, Detroit, White (1993-2012)	11	1.1	1.7	0.4	28	1.9	2.4	1.3	1.7	0.5	0.8	4.8
USA, Minnesota (1998-2012)	14	0.9	0.6	1.1	34	1.5	1.2	1.8	0.4	1.5	0.7	3.6
USA, Minnesota, NH White (1998-2012)	7	0.5	0.3	0.8	21	1.1	0.8	1.4	0.3	1.0	0.4	3.0
USA, Mississippi (2002-2012)	12	1.7	2.0	1.5	24	2.4	3.0	1.9	1.8	1.3	2.1	4.9
USA, Mississippi, Black (2002-2012)	5	1.5	1.9	1.1	10	2.2	2.7	1.7	1.0	1.0	2.8	4.5
USA, Mississippi, NH White (2002-2012)	6	1.8	1.6	1.9	13	2.6	3.0	2.2	2.6	0.9	1.7	5.6
USA, Missouri (1996-2012)	17	0.9	0.6	1.2	27	1.0	0.8	1.2	1.2	0.8	0.6	1.4
USA, Missouri, Black (1996-2012)	2	0.6	1.1	0.0	5	1.1	1.7	0.4	0.0	1.0	0.9	2.8
USA, Missouri, NH White (1996-2012)	11	0.8	0.4	1.2	18	0.9	0.6	1.2	1.6	0.6	0.0	1.2
USA, Montana (1998-2012)	7	2.4	2.4	2.3	14	3.3	2.7	4.0	1.2	2.2	4.1	6.7
USA, Montana, NH White (1998-2012)	6	2.3	2.9	1.6	13	3.5	3.2	3.8	0.0	2.7	4.8	7.8
USA, Nebraska (1998-2012)	6	1.0	0.9	1.0	14	1.7	1.4	2.0	0.0	1.6	1.6	4.0
USA, Nebraska, NH White (1998-2012)	3	0.6	0.8	0.4	10	1.4	1.4	1.4	0.0	0.7	1.3	4.3
USA, Nevada (1998-2012)	11	1.4	1.7	1.1	18	1.8	2.5	1.1	1.6	0.0	2.8	3.0
USA, Nevada, Hispanic White (1998-2012)	2	0.9	0.9	0.9	5	1.7	2.0	1.4	2.3	0.0	0.0	4.5
USA, Nevada, NH White (1998-2012)	8	2.1	2.9	1.2	12	2.4	3.8	0.9	1.7	0.0	4.9	3.4
USA, New Hampshire (1998-2012)	6	1.7	2.2	1.3	12	2.3	3.3	1.3	2.7	0.8	1.5	4.3
USA, New Hampshire, NH White (1998-2012)	5	1.7	2.0	1.4	11	2.4	3.2	1.4	3.0	0.9	0.8	4.6
USA, New Jersey (1998-2012)	41	1.6	1.6	1.6	75	2.2	2.1	2.2	2.3	0.6	1.9	4.0
USA, New Jersey, API (1998-2012)	2	1.0	0.9	1.0	5	1.9	2.1	1.6	1.3	0.0	1.5	5.0
USA, New Jersey, Black (1998-2012)	2	0.4	0.0	0.8	11	1.6	1.7	1.5	0.0	0.7	0.6	5.6
USA, New Jersey, Hispanic White (1998-2012)	12	2.8	3.5	2.0	19	3.3	4.3	2.2	3.2	1.4	3.7	5.0
USA, New Jersey, NH White (1998-2012)	25	1.8	1.7	1.9	39	2.0	1.7	2.4	2.9	0.4	1.9	2.9
USA, New Mexico (1993-2012)	10	1.2	1.7	0.7	24	2.0	2.4	1.7	1.8	0.7	1.0	4.8
USA, New Mexico, Hispanic White (1993-2012)	4	1.0	1.4	0.5	12	2.0	2.0	2.0	0.7	1.5	0.7	5.7
USA, New Mexico, NH White (1993-2012)	5	2.0	2.4	1.6	7	2.0	2.7	1.2	3.6	0.0	2.1	2.0
USA, New Mexico, White (1993-2012)	9	1.4	1.8	0.9	19	2.0	2.3	1.7	1.8	0.9	1.3	4.2
USA, New York State (1998-2012)	112	2.0	2.1	1.9	200	2.5	2.5	2.6	2.1	1.4	2.5	4.4
USA, New York State, API (1998-2012)	6	1.5	2.5	0.5	11	2.0	2.6	1.4	0.8	1.6	2.4	3.7
USA, New York State, Black (1998-2012)	18	1.4	1.9	0.9	44	2.4	2.5	2.4	1.3	0.5	2.6	6.0
USA, New York State, Hispanic White (1998-2012)	22	2.5	3.1	1.8	38	3.1	3.7	2.5	2.5	2.1	2.8	5.3
USA, New York State, NH White (1998-2012)	58	1.9	1.7	2.1	90	2.1	1.9	2.5	2.2	1.4	2.1	2.9
USA, New York State, White (1998-2012)	80	2.1	2.0	2.1	128	2.4	2.3	2.5	2.3	1.5	2.3	3.4
USA, North Carolina (1998-2012)	30	1.1	1.3	0.9	60	1.6	1.6	1.6	1.1	0.5	1.8	3.3
USA, North Carolina, Black (1998-2012)	5	0.6	0.5	0.8	9	0.9	0.7	1.0	0.4	0.0	1.6	1.6
USA, North Carolina, Hispanic White (1998-2012)	4	1.6	2.4	0.8	6	2.0	2.5	1.5	2.9	0.0	1.6	3.3
USA, North Carolina, NH White (1998-2012)	20	1.2	1.5	0.9	43	1.9	2.0	1.8	1.0	0.8	2.0	4.1
USA, North Dakota (1998-2012)	-	0.0	0.0	0.0	2	0.6	0.6	0.6	0.0	0.0	0.0	2.6
USA, North Dakota, NH White (1998-2012)	-	0.0	0.0	0.0	2	0.7	0.6	0.7	0.0	0.0	0.0	2.9
USA, Ohio (1998-2012)	53	1.5	1.5	1.4	89	1.8	1.7	1.9	1.1	1.1	2.3	2.9
USA, Ohio, Black (1998-2012)	8	1.2	1.2	1.3	15	1.8	1.9	1.7	0.0	1.0	3.1	3.7
USA, Ohio, NH White (1998-2012)	40	1.4	1.6	1.3	69	1.8	1.7	1.8	1.3	1.2	1.9	2.9
USA, Oklahoma (1998-2012)	19	1.8	2.2	1.4	33	2.2	2.6	1.8	2.9	0.8	1.3	3.5
USA, Oklahoma, Native American (1998-2012)	1	0.8	1.5	0.0	2	1.0	1.2	0.9	2.0	0.0	0.0	2.0
USA, Oklahoma, NH White (1998-2012)	8	1.1	0.8	1.5	17	1.6	1.3	2.0	1.7	0.0	1.6	3.4
USA, Oregon (1998-2012)	11	1.0	1.5	0.6	21	1.4	1.6	1.2	1.2	0.9	1.1	2.7
USA, Oregon, Hispanic White (1998-2012)	1	0.6	1.1	0.0	3	1.4	0.9	2.1	0.0	0.0	2.0	4.4
USA, Oregon, NH White (1998-2012)	8	1.1	1.6	0.5	15	1.4	1.8	0.9	1.2	1.2	0.7	2.4
USA, Pennsylvania (1998-2012)	53	1.5	1.6	1.4	91	1.8	1.8	1.8	1.9	1.0	1.6	2.9
USA, Pennsylvania, Black (1998-2012)	5	0.8	1.2	0.5	9	1.1	1.2	1.1	0.6	0.0	2.1	2.1
USA, Pennsylvania, Hispanic White (1998-2012)	2	0.9	0.0	1.8	3	1.0	0.7	1.4	0.0	0.0	3.1	1.5
USA, Pennsylvania, NH White (1998-2012)	42	1.6	1.7	1.6	73	2.0	1.9	2.0	2.1	1.4	1.3	3.0
USA, Rhode Island (1998-2012)	4	1.2	1.8	0.6	7	1.5	2.6	0.4	0.0	2.0	1.9	2.5
USA, Rhode Island, NH White (1998-2012)	3	1.3	1.8	0.8	6	1.8	2.9	0.6	0.0	2.9	1.3	3.5
USA, South Carolina (1998-2012)	16	1.2	0.9	1.6	28	1.5	1.4	1.7	1.4	0.7	1.6	2.6
USA, South Carolina, Black (1998-2012)	7	1.3	1.1	1.6	13	1.8	1.9	1.8	0.0	1.3	3.1	3.5
USA, South Carolina, NH White (1998-2012)	6	0.8	0.6	1.1	11	1.1	0.8	1.3	1.2	0.4	0.8	1.8
USA, South Dakota (2001-2012)	2	1.2	1.1	1.2	3	1.2	1.5	0.9	3.0	0.0	0.0	1.4
USA, South Dakota, NH White (2001-2012)	2	1.5	1.5	1.6	3	1.6	1.9	1.2	4.0	0.0	0.0	1.7
USA, Tennessee (1999-2012)	25	1.5	1.9	1.2	47	2.1	2.7	1.3	2.4	0.7	1.4	3.8
USA, Tennessee, Black (1999-2012)	6	1.8	3.5	0.0	12	2.4	3.8	1.1	3.3	0.8	0.8	4.7
USA, Tennessee, NH White (1999-2012)	19	1.6	1.6	1.7	34	2.1	2.6	1.6	2.4	0.8	1.7	3.6
USA, Texas (1998-2012)	211	2.7	2.6	2.9	365	3.4	3.5	3.4	4.3	0.9	2.7	5.9
USA, Texas, API (1998-2012)	6	2.0	2.0	2.0	9	2.3	3.1	1.6	1.0	1.0	4.5	3.4

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

Ic. Chronic myeloproliferative diseases

	0-14			0-19			Age-specific rates per million					
	N	ASR per million			N	ASR per million			0-4	5-9	10-14	15-19
		All	Male	Female		All	Male	Female				
USA, Texas, Black (1998-2012)	20	1.9	1.9	1.9	35	2.4	2.4	2.3	2.6	0.3	2.7	4.1
USA, Texas, Hispanic White (1998-2012)	103	3.1	2.9	3.2	168	3.8	4.0	3.5	5.0	1.3	2.4	6.2
USA, Texas, NH White (1998-2012)	75	2.5	2.3	2.8	142	3.3	3.2	3.5	4.0	0.6	2.7	6.1
USA, Utah (1993-2012)	12	1.0	0.9	1.0	20	1.2	1.2	1.1	1.3	0.5	1.0	1.9
USA, Utah, Hispanic White (1993-2012)	3	2.0	1.3	2.7	3	1.5	1.0	2.1	3.4	2.0	0.0	0.0
USA, Utah, NH White (1993-2012)	8	0.8	0.9	0.6	16	1.1	1.3	0.9	0.8	0.3	1.2	2.2
USA, Utah, White (1993-2012)	11	0.9	1.0	0.9	19	1.2	1.3	1.0	1.2	0.5	1.0	2.0
USA, Vermont (1998-2012)	3	1.8	1.5	2.1	4	1.7	1.8	1.7	2.0	1.8	1.6	1.4
USA, Vermont, NH White (1998-2012)	3	1.9	1.6	2.3	4	1.8	1.9	1.8	2.2	1.9	1.7	1.5
USA, Virginia (1998-2012)	19	0.8	1.0	0.6	35	1.1	1.3	0.8	0.5	0.7	1.3	2.0
USA, Virginia, Black (1998-2012)	5	0.9	1.2	0.7	11	1.4	1.6	1.2	1.2	0.6	1.1	3.1
USA, Virginia, Hispanic White (1998-2012)	1	0.6	1.2	0.0	2	0.9	1.8	0.0	0.0	1.8	0.0	2.0
USA, Virginia, NH White (1998-2012)	10	0.7	0.7	0.7	18	0.9	1.1	0.7	0.4	0.6	1.0	1.6
USA, Washington State (1998-2012)	17	0.8	0.7	1.0	42	1.5	1.5	1.4	0.5	0.5	1.7	3.7
USA, Washington State, Hispanic White (1998-2012)	2	0.7	0.7	0.7	5	1.5	1.7	1.2	0.0	0.0	2.5	4.0
USA, Washington State, NH White (1998-2012)	11	0.8	0.6	0.9	26	1.3	1.4	1.2	0.5	0.5	1.5	3.1
USA, Washington, Seattle (1993-2012)	15	0.9	0.9	0.9	37	1.6	1.5	1.7	0.9	0.2	1.6	4.0
USA, Washington, Seattle, API (1993-2012)	2	1.2	1.0	1.4	6	2.5	3.1	1.9	1.8	0.0	1.8	6.9
USA, Washington, Seattle, Hispanic White (1993-2012)	1	0.7	0.0	1.5	3	1.7	1.1	2.4	0.0	0.0	2.4	5.1
USA, Washington, Seattle, NH White (1993-2012)	10	0.8	1.0	0.7	24	1.4	1.4	1.5	1.1	0.0	1.5	3.4
USA, Washington, Seattle, White (1993-2012)	11	0.8	0.9	0.8	27	1.4	1.3	1.5	0.9	0.0	1.5	3.6
USA, West Virginia (1998-2012)	3	0.6	0.4	0.9	8	1.1	1.0	1.2	0.6	0.6	0.6	2.7
USA, West Virginia, NH White (1998-2012)	2	0.4	0.4	0.4	7	1.0	1.1	0.8	0.0	0.7	0.6	2.9
USA, Wisconsin (1998-2012)	21	1.2	1.1	1.3	42	1.7	1.5	1.9	0.8	0.7	2.2	3.4
USA, Wisconsin, NH White (1998-2012)	16	1.1	1.1	1.2	34	1.7	1.6	1.8	0.8	0.7	2.1	3.6
USA, Wyoming (1998-2012)	1	0.5	1.0	0.0	3	1.2	2.2	0.0	0.0	0.0	1.8	3.4
ASIA												
BAHRAIN (1998-2012)	1	0.3	0.6	0.0	2	0.5	0.9	0.0	0.0	0.9	0.0	1.1
CHINA, 6 registries (1990-2013)	37	0.6	0.7	0.5	75	0.7	0.9	0.6	0.2	0.7	1.0	1.3
CHINA, Beijing (2000-2013)	21	1.2	1.2	1.1	41	1.3	1.5	1.2	0.6	1.5	1.5	1.9
CHINA, Dalian (2003-2012)	4	1.6	1.5	1.8	9	2.3	2.7	1.8	0.0	1.5	3.9	4.5
CHINA, Guangzhou (2010-2012)	6	1.5	2.8	0.0	9	1.6	2.7	0.3	0.0	1.0	4.1	1.8
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)	5	0.7	1.2	0.3	10	0.9	1.3	0.5	0.0	0.6	1.8	1.4
CHINA, Zhongshan (2003-2012)	1	0.3	0.0	0.6	6	1.2	1.2	1.3	0.0	0.8	0.0	4.5
INDIA, 7 registries (1990-2013)	157	0.9	1.0	0.8	293	1.2	1.3	1.0	0.8	0.7	1.2	2.1
INDIA, Bangalore (1993-2011)	20	0.7	0.8	0.6	46	1.0	1.1	1.0	0.7	0.5	0.8	2.4
INDIA, Chennai (1993-2013)	25	1.1	1.3	1.0	35	1.1	1.5	0.8	1.0	1.1	1.3	1.2
INDIA, Kollam (2006-2012)	3	0.6	1.2	0.0	8	1.3	2.2	0.3	0.0	0.7	1.3	3.6
INDIA, Mumbai (1993-2012)	51	0.8	1.0	0.6	98	1.0	1.2	0.8	0.7	0.7	1.0	1.9
INDIA, Nagpur (1990-2012)	14	1.0	1.3	0.6	27	1.4	1.6	1.1	0.7	0.9	1.4	2.7
INDIA, New Delhi (2003-2010)	42	1.1	1.0	1.2	77	1.4	1.5	1.4	1.1	0.5	1.8	2.7
INDIA, Trivandrum (2005-2012)	2	0.8	0.0	1.6	2	0.6	0.0	1.2	0.0	0.0	2.6	0.0
IRAN, Golestan (2004-2011)	1	0.3	0.7	0.0	2	0.4	0.8	0.0	0.9	0.0	0.0	0.6
ISRAEL (1990-2012)	54	1.3	1.2	1.5	98	1.8	1.8	1.9	1.8	0.9	1.2	3.6
ISRAEL, Jews (1990-2012)	38	1.3	1.2	1.4	67	1.7	1.9	1.5	1.8	1.0	0.9	3.1
ISRAEL, Non-Jews (1990-2012)	16	1.4	1.2	1.7	31	2.3	1.7	2.9	1.9	0.5	1.8	5.1
JAPAN, 8 registries (1990-2013)	80	1.3	1.5	1.1	142	1.6	1.9	1.2	1.2	1.3	1.4	2.6
JAPAN, Aichi (2008-2012)	2	0.3	0.3	0.3	11	1.4	2.2	0.5	0.0	0.0	1.1	4.9
JAPAN, Hiroshima (1990-2012)	11	2.9	4.6	1.1	17	3.1	4.9	1.1	4.6	2.2	1.4	3.7
JAPAN, Miyagi (1990-2010)	10	1.3	1.2	1.5	15	1.4	1.2	1.6	1.7	0.4	1.8	1.5
JAPAN, Nagasaki (1993-2012)	3	0.7	0.4	1.0	5	0.8	0.8	0.8	0.7	1.3	0.0	1.1
JAPAN, Niigata (2003-2012)	6	1.8	2.2	1.3	9	1.9	2.8	1.0	1.0	1.9	2.6	2.6
JAPAN, Osaka (1990-2012)	45	1.5	1.6	1.4	76	1.7	1.9	1.5	1.2	1.7	1.8	2.6
JAPAN, Tochigi (2005-2012)	2	0.9	1.7	0.0	2	0.7	1.3	0.0	0.0	2.7	0.0	0.0
JAPAN, Yamagata (1990-2013)	1	0.2	0.0	0.4	7	1.0	1.1	0.9	0.0	0.0	0.6	3.7
JORDAN (2000-2012)	20	0.7	0.6	0.9	45	1.3	1.4	1.2	0.9	0.8	0.6	3.1
REPUBLIC OF KOREA (1999-2012)	230	1.8	2.1	1.5	470	2.5	3.2	1.7	1.8	1.5	2.1	5.0
REPUBLIC OF KOREA, Busan (1999-2012)	16	2.0	2.4	1.5	34	2.6	3.4	1.7	2.2	1.4	2.2	4.8
REPUBLIC OF KOREA, Daegu (1999-2012)	15	2.3	2.4	2.2	26	2.7	3.1	2.3	2.8	0.9	3.2	4.2
REPUBLIC OF KOREA, Daejeon (1999-2012)	11	2.2	1.5	3.0	18	2.8	2.8	2.7	0.0	2.2	5.3	4.5
REPUBLIC OF KOREA, Gwangju (1997-2012)	10	1.9	2.4	1.4	17	2.4	3.1	1.6	0.7	3.1	2.3	3.9
REPUBLIC OF KOREA, Incheon (1998-2012)	9	1.3	1.6	1.1	25	2.3	2.4	2.1	2.6	0.4	0.7	5.5
REPUBLIC OF KOREA, Jeju (2000-2012)	4	2.7	3.4	1.9	9	4.3	5.2	3.3	2.3	3.9	1.9	10.0
REPUBLIC OF KOREA, Seoul (1995-2012)	60	1.9	2.2	1.5	121	2.5	3.2	1.7	2.1	1.3	2.1	4.6
REPUBLIC OF KOREA, Ulsan (2001-2012)	4	1.2	1.7	0.6	9	2.0	3.4	0.5	0.0	1.1	2.9	5.0
KUWAIT (1994-2012)	10	0.8	0.7	1.0	16	1.1	0.9	1.2	1.6	0.5	0.3	1.8
KUWAIT, Kuwaitis (1994-2012)	5	0.7	0.6	0.9	9	1.0	0.7	1.4	1.5	0.0	0.5	2.1
KUWAIT, Non-Kuwaitis (1994-2012)	5	1.0	0.8	1.3	7	1.1	1.2	1.0	1.6	1.2	0.0	1.5
LEBANON (2008-2010)	2	0.6	0.4	0.8	5	1.0	1.4	0.6	0.9	0.0	0.8	2.4
PAKISTAN, Karachi (1995-2002)	3	0.5	0.6	0.4	6	0.9	1.4	0.3	0.0	0.5	1.2	2.1
PAKISTAN, Lahore (2008-2012)	9	0.5	0.8	0.1	16	0.6	0.9	0.3	0.2	0.6	0.6	1.3
PHILIPPINES, 2 registries (1993-2012)	171	2.3	2.5	2.1	250	2.5	2.8	2.3	3.2	1.8	1.6	3.3
PHILIPPINES, Manila (1993-2012)	140	4.1	4.5	3.6	169	3.7	4.0	3.4	6.3	3.1	2.2	2.5
PHILIPPINES, Rizal (1993-2012)	31	0.8	0.7	0.8	81	1.5	1.7	1.3	0.5	0.7	1.1	4.0
QATAR (2002-2014)	-	0.0	0.0	0.0	2	0.6	0.9	0.0	0.0	0.0	0.0	2.5
SAUDI ARABIA, Riyadh (1994-2012)	30	0.9	1.0	0.8	55	1.3	1.4	1.3	0.6	0.7	1.5	2.9
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	5	0.9	1.4	0.4	11	1.8	2.1	1.4	0.0	0.5	2.5	4.9
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	25	0.9	0.9	0.9	44	1.3	1.3	1.2	0.7	0.7	1.3	2.5
THAILAND, 6 registries (1993-2013)	58	1.4	1.6	1.3	93	1.6	1.8	1.3	1.3	1.1	1.9	2.2
THAILAND, Bangkok (2001-2012)	18	1.4	1.8	0.9	28	1.4	2.0	0.9	1.4	1.1	1.5	1.6
THAILAND, Chiang Mai (1993-2012)	10	1.5	1.6	1.4	12	1.4	1.5	1.3	0.6	1.0	3.3	0.9
THAILAND, Chonburi (1998-2012)	16	4.3	2.7	5.9	21	4.2	2.7	5.7	4.9	2.4	5.5	3.9
THAILAND, Khon Kaen (1993-2012)	3	0.3	0.7	0.0	8	0.7	1.1	0.2	0.0	0.4	0.7	1.7
THAILAND, Lampang (1993-2013)	2	0.7	0.5	0.9	4	0.9	0.8	1.1	1.2	0.0	0.9	1.7

Italic when fewer than 10 cases

Please consult the quality indicators for the individual registries

Ic. Chronic myeloproliferative diseases

	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)	9	1.4	1.9	0.8	20	2.1	2.8	1.4	1.0	1.9	1.3	4.6
TURKEY, paediatric (2009-2011)	24	0.4	0.3	0.5	-	-	-	-	0.4	0.3	0.5	-
TURKEY, 8 registries (1992-2012)	33	0.8	0.7	0.9	66	1.1	1.2	1.1	0.4	0.8	1.3	2.3
TURKEY, Ankara (2008-2012)	4	0.7	0.7	0.7	11	1.4	1.5	1.3	0.0	1.2	1.1	3.9
TURKEY, Antalya (1998-2012)	5	0.8	1.0	0.6	7	0.8	1.0	0.7	0.5	1.0	1.0	1.0
TURKEY, Bursa (2004-2012)	2	0.3	0.0	0.7	5	0.6	0.5	0.8	0.0	0.0	1.1	1.7
TURKEY, Erzurum (2006-2012)	1	0.8	0.0	1.5	3	1.4	0.8	2.1	1.9	0.0	0.0	3.7
TURKEY, İzmir (1992-2012)	18	1.0	1.0	1.0	31	1.3	1.5	1.0	0.4	1.1	1.7	2.1
TURKEY, Samsun (2003-2012)	2	0.7	0.0	1.4	6	1.3	0.8	1.9	1.1	0.0	0.9	3.5
TURKEY, Trabzon (2003-2012)	1	0.5	0.9	0.0	3	1.0	0.7	1.4	0.0	0.0	1.6	3.0
VIET NAM, Ho Chi Minh City (1995-2013)	10	0.4	0.5	0.3	16	0.4	0.5	0.3	0.5	0.4	0.4	0.5
EUROPE												
AUSTRIA (1990-2012)	50	1.6	1.9	1.3	71	1.7	1.9	1.5	2.0	0.7	2.1	1.9
BELARUS, paediatric (1990-2014)	42	0.9	0.9	0.8	87	1.2	1.5	1.0	0.4	0.8	1.5	2.5
BELGIUM (2004-2013)	26	1.3	1.5	1.2	54	2.0	2.2	1.8	1.0	0.5	2.8	4.4
BULGARIA (1990-2013)	32	1.0	1.3	0.8	56	1.2	1.5	1.0	0.8	1.3	1.1	1.9
CROATIA (2001-2014)	8	0.8	0.5	1.2	14	1.0	0.9	1.2	1.0	0.0	1.5	1.7
CYPRUS, South-West (1998-2012)	1	0.4	0.9	0.0	6	1.6	1.2	2.1	0.0	1.4	0.0	5.6
CZECH REPUBLIC (1990-2012)	43	1.0	1.3	0.7	75	1.2	1.5	0.9	0.5	1.1	1.6	1.9
ESTONIA (1990-2012)	4	0.7	1.0	0.4	11	1.3	1.6	1.0	1.1	0.5	0.5	3.1
FRANCE, paediatric (2000-2012)	131	0.8	0.8	0.8	-	-	-	-	0.4	0.6	1.6	-
FRANCE, paediatric specialized (1990-1999)	61	0.5	0.6	0.4	-	-	-	-	0.2	0.6	0.8	-
FRANCE, 13 registries (1993-2012)	32	1.0	1.0	0.9	73	1.6	1.6	1.5	0.5	1.0	1.6	3.7
FRANCE, Bas-Rhin (1993-2011)	6	1.5	2.5	0.5	11	2.0	3.0	1.1	0.8	1.6	2.4	3.8
FRANCE, Calvados (1990-2012)	-	0.0	0.0	0.0	6	1.2	1.2	1.2	0.0	0.0	0.0	5.5
FRANCE, Doubs (1993-2012)	4	1.9	3.7	0.0	7	2.4	3.5	1.3	1.5	0.0	4.5	4.2
FRANCE, Gironde (2008-2012)	1	0.7	0.0	1.4	4	2.0	0.0	4.0	0.0	0.0	2.3	6.5
FRANCE, Haut-Rhin (1993-2012)	3	1.0	1.3	0.7	6	1.5	1.5	1.6	0.0	2.1	1.1	3.3
FRANCE, Hérault (1993-2012)	4	1.2	0.0	2.5	7	1.5	1.1	2.0	0.9	2.7	0.0	2.4
FRANCE, Isère (1993-2012)	6	1.2	0.4	2.2	12	1.8	1.4	2.3	0.7	0.7	2.6	3.9
FRANCE, Loire-Atlantique and Vendée (1998-2012)	5	0.9	1.0	0.8	10	1.3	1.8	0.9	0.6	0.0	2.3	2.8
FRANCE, Manche (1994-2012)	1	0.6	1.1	0.0	6	2.4	1.6	3.2	0.0	1.7	0.0	8.6
FRANCE, Somme (1993-2012)	2	0.8	1.7	0.0	2	0.7	1.3	0.0	0.0	1.4	1.4	0.0
GERMANY, paediatric (1996-2012)	138	0.6	0.6	0.7	-	-	-	-	0.3	0.7	1.0	-
GERMANY, 6 Eastern registries (2001-2007)	7	0.5	0.3	0.7	20	0.8	0.8	0.7	0.0	0.7	0.8	1.7
GERMANY, 5 Western registries (1994-2012)	39	0.7	0.7	0.8	105	1.3	1.4	1.3	0.3	0.7	1.3	3.5
GERMANY, Bavaria (2002-2012)	16	0.7	0.8	0.7	44	1.4	1.6	1.2	0.3	0.4	1.5	3.7
GERMANY, Lower Saxony (2003-2012)	9	0.7	0.6	0.8	28	1.5	1.3	1.8	0.6	0.8	0.9	4.2
GERMANY, Rhine-Pfalz (1998-2012)	4	0.4	0.2	0.7	13	0.9	0.8	1.0	0.4	0.3	0.6	2.6
GERMANY, Saarland (1994-2012)	3	0.9	1.1	0.6	9	1.9	2.5	1.3	0.0	0.0	2.9	5.7
GERMANY, Schleswig-Holstein (2000-2012)	7	1.1	1.0	1.3	11	1.3	1.4	1.3	0.0	2.2	1.5	2.0
GREECE, paediatric specialized (1996-2014)	17	0.5	0.6	0.4	-	-	-	-	0.3	0.8	0.5	-
HUNGARY, paediatric (1991-2014)	39	0.9	1.2	0.7	-	-	-	-	0.8	0.6	1.4	-
ICELAND (1990-2014)	3	1.8	1.0	2.5	7	3.0	0.8	5.3	1.8	0.0	3.7	7.3
IRELAND (1994-2012)	14	0.8	0.7	1.0	34	1.4	1.1	1.8	1.1	0.4	1.1	3.4
ITALY, 2 paediatric registries (1998-2011)	17	1.9	1.7	2.0	26	2.2	1.8	2.5	0.7	1.4	3.9	3.1
ITALY, Marche, paediatric (1998-2007)	1	0.4	0.9	0.0	2	0.7	1.3	0.0	0.0	0.0	1.5	1.4
ITALY, Piedmont, paediatric (1990-2011)	20	1.6	1.5	1.6	-	-	-	-	0.5	1.8	2.7	-
ITALY, Piedmont, paediatric (2000-2011)	16	2.3	2.0	2.7	24	2.6	1.9	3.3	0.9	1.9	4.7	3.7
ITALY, 26 registries (1992-2013)	69	1.6	1.9	1.3	144	2.4	2.7	2.1	1.6	1.0	2.4	5.0
ITALY, Brescia (1999-2012)	2	0.9	0.0	1.9	2	0.7	0.0	1.5	1.3	1.4	0.0	0.0
ITALY, Catania (2003-2013)	2	0.6	0.5	0.6	5	1.0	1.1	0.8	0.0	0.9	0.9	2.3
ITALY, Friuli-Venezia Giulia (1995-2010)	1	0.4	0.0	0.8	3	0.9	0.0	1.8	0.0	0.0	1.3	2.5
ITALY, Milan (1999-2007)	1	0.8	1.6	0.0	3	1.8	2.3	1.2	2.1	0.0	0.0	5.0
ITALY, Modena (1990-2012)	2	1.0	1.0	1.0	7	2.4	2.7	2.1	0.0	1.6	1.6	7.2
ITALY, Naples (1996-2012)	4	1.7	1.7	1.8	10	2.9	2.8	3.0	2.6	0.0	2.4	6.9
ITALY, Parma (1992-2013)	6	5.7	7.3	4.0	7	5.0	5.6	4.4	8.1	2.8	5.7	2.6
ITALY, Ragusa (1992-2012)	1	0.6	0.0	1.3	8	3.6	5.2	1.9	0.0	0.0	2.1	13.7
ITALY, Reggio Emilia (1996-2012)	2	1.6	1.6	1.7	4	2.5	2.4	2.6	0.0	0.0	5.6	5.6
ITALY, Romagna (1990-2012)	2	0.7	1.4	0.0	7	1.6	1.5	1.7	1.0	0.0	1.0	4.6
ITALY, Salerno (1997-2009)	11	4.6	8.3	0.7	22	6.3	8.8	3.6	5.5	1.3	7.1	12.0
ITALY, Sassari (1992-2011)	1	0.8	1.5	0.0	2	1.0	1.1	0.8	0.0	2.3	0.0	1.8
ITALY, Turin (1992-2012)	1	0.4	0.8	0.0	4	1.2	1.7	0.6	0.0	0.0	1.4	3.8
ITALY, Umbria (1994-2011)	6	3.3	3.1	3.6	11	4.2	4.8	3.5	4.8	3.2	1.5	7.0
ITALY, Varese (1992-2012)	2	0.8	0.7	0.9	4	1.1	1.0	1.2	0.0	1.3	1.3	2.3
ITALY, Veneto (1992-2009)	11	1.8	1.8	1.7	19	2.2	2.2	2.2	1.5	0.5	3.5	3.6
LITHUANIA (2000-2012)	6	0.7	0.5	1.0	21	1.6	1.3	1.9	0.0	1.3	1.1	4.7
MALTA (1994-2013)	5	3.8	5.6	1.8	6	3.3	5.1	1.4	6.9	0.0	3.8	1.8
THE NETHERLANDS (1993-2013)	43	0.7	1.0	0.4	89	1.0	1.2	0.8	0.3	0.8	0.9	2.3
NORWAY (1990-2013)	15	0.7	1.0	0.4	37	1.2	1.3	1.2	0.8	0.1	1.1	3.1
POLAND (2001-2013)	60	0.7	0.9	0.5	106	0.8	0.9	0.7	0.4	0.6	1.2	1.3
POLAND, Greater Poland (1999-2013)	13	1.3	2.1	0.4	20	1.4	2.1	0.7	0.0	1.7	2.4	1.8
POLAND, Kielce (1990-2013)	3	0.6	0.5	0.8	4	0.6	0.6	0.6	1.3	0.0	0.5	0.4
POLAND, Lower Silesia (2000-2013)	3	0.5	0.4	0.5	5	0.5	0.5	0.6	0.5	0.0	0.9	0.7
POLAND, Lublin (1999-2013)	2	0.4	0.5	0.4	7	0.8	0.7	0.8	0.6	0.6	0.0	2.0
PORTUGAL (1991-2012)	38	1.3	1.3	1.4	62	1.6	1.4	1.8	0.9	1.5	1.8	2.3
PORTUGAL, Centre (2000-2010)	5	1.4	1.6	1.1	7	1.4	1.6	1.1	2.5	0.0	1.5	1.3
PORTUGAL, North (1991-2010)	16	1.4	1.2	1.5	25	1.5	1.3	1.7	1.1	1.6	1.5	2.0
PORTUGAL, South (1998-2012)	16	1.4	1.4	1.3	26	1.6	1.3	1.9	0.3	1.7	2.5	2.6
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	5	0.6	0.8	0.3	-	-	-	-	0.4	0.8	0.6	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	3	0.2	0.5	0.0	10	0.5	0.9	0.1	0.3	0.0	0.5	1.4
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	1	0.4	0.8	0.0	3	0.7	1.0	0.4	1.0	0.0	0.0	1.8
RUSSIAN FEDERATION, Samara (1998-2015)	2	0.2	0.3	0.0	7	0.4	0.8	0.0	0.0	0.0	0.6	1.3
SLOVAKIA (1990-2009)	25	1.1	1.3	0.9	50	1.5	1.7	1.4	1.1	0.8	1.5	2.9
SLOVAKIA, paediatric (2000-2012)	10	0.8	0.4	1.3	-	-	-	-	1.1	0.0	1.4	-

Italic when fewer than 10 cases

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Ic. Chronic myeloproliferative diseases

	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)	2	0.2	0.4	0.0	12	1.0	1.3	0.6	0.0	0.0	0.8	3.5
SPAIN, 2 paediatric registries (1991-2013)	33	0.7	0.7	0.6	-	-	-	-	0.5	0.8	0.8	-
SPAIN, Selected regions, paediatric (2000-2013)	24	0.7	0.6	0.8	-	-	-	-	0.6	0.7	0.8	-
SPAIN, Valencia, paediatric (1991-2010)	9	0.7	1.0	0.3	-	-	-	-	0.5	0.9	0.6	-
SPAIN, 11 registries (1990-2013)	33	1.0	1.2	0.7	74	1.5	1.7	1.2	0.7	0.9	1.5	3.1
SPAIN, Asturias (1992-2010)	7	2.8	3.0	2.5	10	2.7	3.1	2.3	3.0	0.0	5.6	2.6
SPAIN, Balearic Islands (1990-2012)	3	1.0	1.9	0.0	10	2.3	3.6	0.9	0.0	0.0	3.3	7.0
SPAIN, Basque Country (1990-2012)	2	0.3	0.7	0.0	9	0.8	1.0	0.7	0.5	0.5	0.0	2.5
SPAIN, Canary Islands (1993-2011)	4	0.8	1.2	0.4	11	1.4	1.6	1.2	0.7	0.6	1.1	3.5
SPAIN, Girona (1990-2013)	3	1.2	1.6	0.9	7	2.0	1.7	2.3	0.0	2.7	1.3	4.6
SPAIN, Granada (1992-2013)	3	1.0	1.2	0.8	5	1.1	1.6	0.6	1.9	0.0	0.9	1.5
SPAIN, Murcia (1991-2009)	5	1.1	0.5	1.8	11	1.7	1.6	1.7	0.0	2.9	0.7	3.6
SPAIN, Navarra (1990-2010)	3	1.5	1.8	1.2	3	1.2	1.4	0.9	0.0	1.8	3.3	0.0
SPAIN, Tarragona (1990-2011)	-	0.0	0.0	0.0	1	0.3	0.5	0.0	0.0	0.0	0.0	1.1
SWEDEN (1990-2011)	24	0.7	0.7	0.6	54	1.1	1.1	1.0	0.5	0.6	0.9	2.5
SWITZERLAND, paediatric (1990-2013)	18	0.6	0.6	0.5	-	-	-	-	0.2	0.5	1.1	-
SWITZERLAND, 7 registries (1990-2013)	10	0.9	1.2	0.5	24	1.5	1.9	1.2	0.3	1.1	1.4	3.8
SWITZERLAND, Geneva (1993-2013)	-	0.0	0.0	0.0	2	0.9	0.0	1.9	0.0	0.0	0.0	4.1
SWITZERLAND, Vaud (1993-2012)	4	1.7	2.6	0.8	5	1.7	2.6	0.6	1.4	1.3	2.7	1.3
SWITZERLAND, Zurich (1993-2013)	6	1.4	1.8	0.9	14	2.4	3.0	1.8	0.0	2.2	2.2	5.9
UKRAINE (2002-2012)	124	1.7	1.7	1.7	222	1.9	2.0	1.8	2.4	1.2	1.4	2.7
UK (2000-2011)	99	0.7	0.7	0.7	210	1.1	1.2	1.0	0.4	0.4	1.4	2.4
UK, England (1990-2013)	167	0.7	0.8	0.6	308	1.0	1.1	0.9	0.5	0.6	1.2	1.9
UK, England and Wales, paediatric (1991-2010)	167	0.8	0.9	0.7	-	-	-	-	0.5	0.6	1.5	-
UK, Northern Ireland (1993-2013)	12	1.6	0.5	2.7	14	1.4	0.7	2.1	2.4	0.4	1.9	0.7
UK, Scotland (1991-2013)	23	1.1	1.4	0.7	52	1.7	1.6	1.8	1.0	0.6	1.7	3.9
UK, Wales (2000-2011)	5	0.6	0.7	0.5	13	1.3	1.3	1.2	0.0	0.0	2.2	3.4
OCEANIA												
AUSTRALIA (1992-2014)	155	1.8	1.9	1.6	278	2.3	2.6	2.0	2.2	1.0	2.1	4.1
AUSTRALIA, Indigenous (1992-2014)	5	2.1	2.5	1.6	6	2.0	2.0	2.0	2.3	0.0	4.1	1.6
AUSTRALIA, Australian Capital Territory (1992-2012)	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUSTRALIA, New South Wales (1992-2012)	42	1.6	1.8	1.3	74	2.0	2.4	1.5	2.5	0.9	1.2	3.4
AUSTRALIA, Queensland (1992-2013)	36	2.0	2.1	1.8	68	2.7	3.1	2.3	1.2	1.4	3.6	5.4
AUSTRALIA, South Australia (1992-2012)	9	1.4	1.9	1.0	18	2.1	2.5	1.6	1.0	2.0	1.4	4.2
AUSTRALIA, Tasmania (1992-2013)	2	0.8	0.7	0.8	2	0.6	0.6	0.6	0.0	0.0	2.6	0.0
AUSTRALIA, Victoria (1992-2014)	44	2.0	2.0	2.0	77	2.5	2.5	2.5	2.9	0.8	2.1	4.3
AUSTRALIA, Western Australia (1992-2014)	18	1.9	1.9	1.9	35	2.7	2.7	2.6	2.5	0.9	2.2	5.2
FRANCE, 2 registries (1990-2013)	5	1.5	1.8	1.2	12	2.7	3.2	2.3	0.0	1.9	2.9	7.1
FRANCE, New Caledonia (1990-2013)	4	2.4	2.4	2.4	11	5.2	5.6	4.8	0.0	2.0	6.1	14.8
NEW ZEALAND (1993-2012)	16	0.9	1.2	0.6	35	1.4	2.1	0.8	1.2	0.5	1.0	3.3
NEW ZEALAND, API (1993-2012)	4	2.6	2.6	2.7	4	2.0	2.0	2.1	3.6	1.9	2.1	0.0
NEW ZEALAND, Maori (1993-2012)	3	0.7	1.4	0.0	10	1.9	2.9	0.7	1.3	0.0	0.7	5.8
NEW ZEALAND, Other (1993-2012)	9	0.8	1.0	0.5	21	1.2	1.8	0.6	0.8	0.5	1.0	2.9
NEW ZEALAND, paediatric (2000-2012)	8	0.7	0.5	0.9	-	-	-	-	0.8	0.5	0.8	-
NEW ZEALAND, paediatric, Maori (2000-2012)	1	0.3	0.6	0.0	-	-	-	-	0.0	0.0	1.1	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	7	0.8	0.5	1.2	-	-	-	-	1.1	0.7	0.7	-

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