

## Ia. Lymphoid leukaemia

	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)	193	11.6	15.1	8.0	245	10.7	13.9	7.4	15.3	11.4	6.9	7.6
ALGERIA, Algiers (2008-2012)	80	24.1	32.9	15.0	89	20.1	28.0	12.0	27.0	27.9	15.9	6.4
ALGERIA, Sétif (1996-2014)	39	5.1	6.0	4.2	59	5.4	6.2	4.5	8.5	3.7	2.3	6.1
ALGERIA, Tiemcen (2006-2014)	13	5.9	9.7	1.9	22	7.1	9.8	4.3	7.3	7.2	2.6	11.2
BOTSWANA (1999-2007)	29	5.1	6.3	4.0	39	5.3	6.1	4.4	5.1	7.4	2.7	5.6
CAMEROON, Yaoundé (2004-2006)	4	1.7	0.9	2.4	4	1.3	0.7	1.9	1.1	1.3	3.0	0.0
EGYPT, Gharbiah (1999-2010)	313	21.7	24.9	18.3	396	20.2	24.3	15.9	29.3	19.8	13.7	15.1
FRANCE, Réunion (1990-2011)	109	25.7	29.0	22.2	126	22.6	26.2	18.8	35.6	22.4	16.1	11.8
KENYA, 2 registries (2000-2012)	148	13.7	17.0	10.5	166	12.0	15.1	9.1	11.8	15.6	14.2	6.1
KENYA, Eldoret (2000-2011)	51	12.4	17.8	6.8	62	11.9	16.0	7.8	10.5	14.6	12.3	10.4
KENYA, Nairobi (2006-2012)	97	14.6	16.7	12.6	104	12.1	14.6	10.0	12.5	16.2	15.6	3.7
LIBYA, Benghazi (2003-2008)	24	8.4	6.4	10.5	32	8.3	7.1	9.5	10.8	9.4	4.1	8.0
MALI, Bamako (2005-2014)	45	6.2	8.2	4.3	49	5.1	7.2	3.3	1.4	10.5	7.6	1.6
MAURITIUS (2001-2013)	42	11.6	13.2	10.0	50	10.4	10.9	9.9	14.6	11.8	7.5	6.1
MOROCCO, 2 registries (2005-2012)	128	14.6	19.9	9.2	168	14.1	18.9	9.2	17.1	14.8	11.0	12.3
MOROCCO, Casablanca (2005-2012)	99	12.8	17.7	7.7	138	13.0	17.5	8.3	14.8	13.6	9.2	13.6
SOUTH AFRICA, paediatric (1998-2012)	1640	7.7	9.2	6.1	-	-	-	-	9.7	7.6	5.0	-
SOUTH AFRICA, paediatric, Asian (1998-2012)	113	32.1	38.9	25.1	-	-	-	-	54.9	28.5	5.7	-
SOUTH AFRICA, paediatric, Black (1998-2012)	925	5.1	6.1	4.0	-	-	-	-	5.3	5.5	4.2	-
SOUTH AFRICA, paediatric, Coloured (1998-2012)	287	15.8	19.1	12.5	-	-	-	-	22.8	14.2	8.4	-
SOUTH AFRICA, paediatric, White (1998-2012)	315	28.6	32.9	24.2	-	-	-	-	46.1	22.6	12.0	-
TUNISIA, 2 registries (1993-2007)	347	18.9	20.7	17.0	425	17.2	19.5	14.8	21.5	20.9	13.3	11.2
TUNISIA, Central (1993-2007)	61	29.2	30.3	28.0	66	24.1	24.6	23.5	40.2	29.1	14.5	6.4
TUNISIA, North (1994-2006)	286	17.5	19.4	15.5	359	16.2	18.8	13.6	18.8	19.8	13.2	11.8
UGANDA, Kampala (1996-2013)	72	5.3	6.3	4.4	83	4.7	5.6	3.9	2.8	7.5	6.1	2.4
ZIMBABWE, Harare (1995-2013)	73	8.6	10.9	6.5	80	7.2	9.5	5.2	5.6	9.7	11.4	2.4
<b>AMERICA, LATIN AND THE CARIBBEAN</b>												
ARGENTINA, paediatric (2000-2013)	5287	37.8	41.4	34.1	-	-	-	-	51.1	33.1	25.3	-
ARGENTINA, 6 registries (1991-2013)	679	32.0	34.1	29.9	783	28.0	30.3	25.6	42.3	28.8	22.0	14.0
ARGENTINA, Chaco (2002-2012)	77	22.2	25.9	18.4	90	19.6	23.7	15.4	30.8	18.3	15.1	10.8
ARGENTINA, Córdoba (2004-2012)	229	32.0	32.4	31.5	266	28.1	29.1	26.9	42.4	28.3	22.3	14.4
ARGENTINA, Entre Ríos (2001-2011)	108	32.2	35.0	29.3	117	26.8	29.9	23.5	38.5	32.3	23.9	8.0
ARGENTINA, Mendoza (2003-2012)	138	31.6	33.2	30.0	161	27.8	29.7	25.9	42.9	27.5	21.0	14.8
ARGENTINA, Neuquén (2003-2013)	72	42.4	50.2	34.4	83	37.2	42.7	31.4	62.0	35.4	24.2	19.1
BRAZIL, 5 registries (1995-2012)	581	33.2	35.1	31.3	672	28.5	31.1	26.0	45.5	31.4	18.8	12.4
BRAZIL, Aracaju (1996-2012)	55	26.0	27.1	24.9	60	21.4	23.1	19.8	36.6	23.4	14.9	5.6
BRAZIL, Belo Horizonte (2000-2006)	108	28.4	31.3	25.5	125	24.4	28.0	20.8	36.4	26.1	20.4	10.6
BRAZIL, Curitiba (1998-2010)	226	45.7	42.1	49.5	257	38.8	37.1	40.8	68.6	40.1	21.4	15.1
BRAZIL, Goiânia (1995-2011)	150	31.8	39.7	23.7	176	27.6	35.0	20.2	40.1	32.9	19.5	13.1
BRAZIL, João Pessoa (1999-2010)	42	21.4	22.2	20.6	54	19.9	20.6	19.3	26.5	23.6	12.2	14.9
CHILE, paediatric (2007-2011)	739	41.7	45.4	37.9	-	-	-	-	58.8	37.1	24.2	-
CHILE, 4 registries (1998-2012)	196	46.9	53.3	40.2	218	39.2	44.9	33.4	73.0	39.2	20.6	12.9
COLOMBIA, 4 registries (1992-2013)	756	45.5	48.3	42.6	893	40.2	44.2	36.3	60.9	43.0	27.7	22.1
COLOMBIA, Bucaramanga (2000-2012)	127	37.9	42.9	32.7	147	32.9	37.4	28.2	51.7	33.7	24.1	15.7
COLOMBIA, Cali (1992-2013)	542	49.6	51.9	47.2	636	43.7	47.4	40.1	66.5	47.9	28.9	23.6
COSTA RICA (1993-2012)	1038	46.2	49.0	43.3	1206	40.6	44.6	36.3	66.6	42.1	23.7	21.1
CUBA (2000-2012)	723	28.5	31.9	24.9	826	24.4	27.8	20.7	41.2	25.2	15.4	9.9
ECUADOR, 5 registries (1993-2013)	1009	48.0	51.9	43.9	1192	42.8	47.6	37.9	64.8	44.5	29.4	24.8
ECUADOR, Cuenca (1996-2013)	105	43.3	43.5	43.0	126	38.9	41.4	36.3	56.9	43.8	24.4	23.8
ECUADOR, Guayaquil (2008-2012)	188	57.8	66.6	48.9	215	50.4	59.3	41.6	77.4	54.4	35.4	25.0
ECUADOR, Manabí (1995-2011)	261	41.2	47.6	34.7	297	35.5	42.5	28.5	61.4	35.6	20.5	16.0
ECUADOR, Quito (1993-2012)	400	50.1	49.7	50.5	490	46.1	47.1	45.1	64.3	47.0	34.6	32.1
FRANCE, 3 registries (1990-2012)	73	23.8	29.6	17.8	88	21.6	28.0	15.1	29.5	20.9	19.4	14.1
HONDURAS, Francisco Morazán (2002-2012)	229	30.3	35.2	25.2	264	27.1	32.4	21.8	33.9	30.5	25.2	16.2
JAMAICA, Kingston and St Andrew (1982-2012)	74	13.1	12.6	13.7	88	11.7	11.8	11.7	16.8	12.9	8.5	6.9
MEXICO, Mexico City, paediatric (1997-2013)	579	50.7	55.9	45.4	-	-	-	-	70.3	44.3	31.8	-
PERU, Lima (2010-2012)	291	42.8	47.1	38.3	366	39.6	45.8	33.2	59.9	32.5	31.5	28.4
PERU, Trujillo (1990-2002)	70	30.1	29.8	30.4	86	27.4	29.1	26.0	36.5	28.5	23.3	18.3
USA, Puerto Rico (1992-2012)	452	27.0	29.2	24.8	518	23.3	25.7	20.8	41.4	20.7	15.0	10.4
URUGUAY (1993-2012)	467	32.2	36.9	27.3	531	27.7	31.6	23.7	47.3	26.1	18.8	12.3
<b>AMERICA, NORTH</b>												
CANADA, 9 registries (1992-2013)	4557	42.6	46.6	38.4	5106	36.0	40.0	31.7	68.5	33.7	18.0	13.1
CANADA, Alberta (1992-2013)	493	36.9	40.6	33.0	557	31.5	34.8	28.0	58.9	28.2	17.2	12.9
CANADA, British Columbia (1992-2013)	634	44.6	48.2	40.7	713	37.6	41.5	33.3	73.8	33.9	17.5	13.4
CANADA, Manitoba (1992-2013)	208	42.0	47.0	36.8	228	35.0	39.5	30.3	64.5	33.4	21.5	10.9
CANADA, Nova Scotia (1992-2013)	154	47.6	48.3	46.8	172	39.8	41.6	38.0	74.5	39.7	20.3	13.1
CANADA, Ontario (1992-2012)	1871	42.9	46.7	38.9	2107	36.4	40.7	31.9	68.5	34.7	17.8	13.9
CANADA, Quebec (1992-2010)	1003	43.6	48.4	38.7	1111	36.5	40.8	31.9	70.1	34.4	18.7	11.7
CANADA, Saskatchewan (1992-2013)	189	44.6	49.1	39.8	213	37.7	41.9	33.3	75.7	33.0	15.9	14.2
USA (1998-2012)	34308	40.4	43.7	37.0	39277	34.9	38.6	31.0	62.7	32.6	19.5	15.7
USA, API (1998-2012)	1418	32.8	35.3	30.3	1588	27.9	30.7	25.1	50.2	27.6	15.5	11.1
USA, Black (1998-2012)	2940	20.8	23.6	17.9	3396	18.1	20.9	15.2	28.7	17.6	13.6	8.9
USA, Hispanic White (1998-2012)	8290	50.2	53.7	46.6	9622	44.7	49.3	39.9	71.7	43.5	29.1	25.8
USA, Native American (1998-2012)	318	23.4	26.5	20.2	374	20.6	23.9	17.2	37.3	18.2	10.6	11.0
USA, NH White (1998-2012)	20380	42.0	45.3	38.6	23239	35.9	39.6	32.1	67.7	32.7	18.2	14.8
USA, NPCR (1998-2012)	32776	40.4	43.7	36.9	37535	34.8	38.6	30.9	62.6	32.6	19.5	15.7
USA, NPCR, API (1998-2012)	1285	32.6	35.2	29.9	1442	27.8	30.6	24.8	50.0	27.4	15.2	11.2
USA, NPCR, Black (1998-2012)	2906	20.9	23.6	18.0	3355	18.2	21.0	15.3	28.9	17.7	13.6	8.9
USA, NPCR, Hispanic White (1998-2012)	7975	50.3	53.7	46.7	9255	44.8	49.3	40.0	71.6	43.5	29.3	25.8
USA, NPCR, Native American (1998-2012)	277	22.3	24.8	19.8	329	19.8	22.8	16.7	36.6	17.3	8.9	11.1
USA, NPCR, NH White (1998-2012)	19384	42.0	45.3	38.4	22110	35.9	39.6	31.9	67.6	32.8	18.1	14.8
USA, SEER 18 (1993-2012)	11462	42.5	45.8	39.0	13102	36.7	40.5	32.8	65.6	34.2	20.8	17.0
USA, SEER 18, API (1993-2012)	924	36.7	40.4	32.8	1030	31.1	34.9	27.0	57.4	29.8	16.7	11.8

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ia. Lymphoid leukaemia

	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)	849	21.1	24.2	18.0	973	18.4	21.2	15.5	28.7	17.9	14.7	8.8
USA, SEER 18, Hispanic White (1993-2012)	3960	55.5	59.2	51.6	4616	49.6	54.5	44.3	80.9	47.0	31.0	29.1
USA, SEER 18, Native American (1993-2012)	126	24.7	29.5	19.7	141	20.9	25.1	16.5	39.8	16.4	13.6	7.9
USA, SEER 18, NH White (1993-2012)	5498	42.9	45.7	39.8	6227	36.6	39.9	33.1	69.1	33.4	18.4	14.9
USA, SEER 9, Black (1993-2012)	340	20.5	23.6	17.3	377	17.4	20.1	14.6	28.8	16.6	13.7	6.7
USA, SEER 9, White (1993-2012)	3339	43.2	45.8	40.4	3775	37.0	40.0	33.8	69.1	33.5	19.4	15.8
USA, Alabama (1998-2012)	390	29.7	31.2	28.2	446	25.6	27.3	23.8	42.8	26.1	16.2	11.3
USA, Alabama, Black (1998-2012)	84	19.4	21.8	17.0	97	16.8	19.3	14.3	22.0	21.7	13.4	7.9
USA, Alabama, NH White (1998-2012)	278	34.5	34.8	34.1	318	29.6	30.3	28.8	53.6	26.5	17.8	12.9
USA, Alaska (1998-2012)	80	38.2	43.8	32.2	89	32.1	37.2	26.7	71.8	21.1	12.4	11.4
USA, Alaska, NH White (1998-2012)	43	34.9	44.9	24.3	48	29.4	36.6	21.8	65.9	22.0	8.1	10.2
USA, Arizona (1998-2012)	800	44.5	48.1	40.7	906	38.3	41.7	34.7	69.7	32.8	23.8	17.1
USA, Arizona, Hispanic White (1998-2012)	302	43.8	47.9	39.6	348	38.9	43.2	34.3	65.1	30.5	30.4	21.8
USA, Arizona, NH White (1998-2012)	348	43.0	45.7	40.2	388	36.2	38.6	33.7	71.6	29.6	19.8	12.9
USA, Arkansas (1998-2012)	274	33.9	38.5	29.2	312	29.2	33.6	24.5	55.0	23.9	17.1	12.7
USA, Arkansas, Black (1998-2012)	31	18.7	32.2	5.0	37	16.7	28.6	4.6	34.1	8.4	9.8	9.7
USA, Arkansas, NH White (1998-2012)	218	39.3	41.7	36.7	247	33.5	36.4	30.4	63.0	27.9	20.3	13.6
USA, California (1998-2012)	5187	47.5	51.7	43.1	6002	41.5	46.1	36.5	71.8	39.5	24.1	20.6
USA, California, API (1998-2012)	486	36.8	41.2	32.1	547	31.2	35.6	26.5	57.9	29.5	16.6	11.9
USA, California, Black (1998-2012)	204	22.1	26.5	17.6	235	19.2	22.7	15.6	30.7	19.3	13.9	9.2
USA, California, Hispanic White (1998-2012)	2863	57.6	61.3	53.8	3364	51.7	56.7	46.3	83.6	48.5	33.2	31.2
USA, California, NH White (1998-2012)	1598	45.9	50.9	40.6	1812	39.0	43.9	33.8	72.6	38.0	19.1	15.1
USA, California, Greater California (2000-2012)	2567	48.5	52.1	44.8	2944	41.9	45.8	37.7	74.3	40.8	22.9	19.0
USA, California, Greater California, API (2000-2012)	182	35.9	39.9	31.7	207	30.6	34.6	26.4	54.2	28.7	19.5	12.3
USA, California, Greater California, Black (2000-2012)	103	26.7	32.1	21.0	115	22.6	26.7	18.3	35.1	25.6	16.7	8.5
USA, California, Greater California, Hispanic White (2000-2012)	1389	58.9	61.6	56.1	1608	52.0	55.7	48.0	87.1	50.5	30.5	28.4
USA, California, Greater California, NH White (2000-2012)	854	44.8	48.9	40.5	969	37.9	42.1	33.4	72.4	36.5	17.3	14.0
USA, California, Los Angeles (1993-2012)	1993	48.4	52.5	44.2	2322	42.9	47.8	37.7	70.3	40.3	28.3	23.8
USA, California, Los Angeles, API (1993-2012)	157	36.0	42.1	29.5	173	29.9	35.8	23.6	56.0	29.8	16.1	9.1
USA, California, Los Angeles, Black (1993-2012)	87	18.6	22.5	14.5	103	16.7	19.1	14.2	22.5	18.7	13.2	10.1
USA, California, Los Angeles, Hispanic White (1993-2012)	1343	58.3	61.9	54.5	1583	52.7	58.0	47.1	82.0	48.6	37.6	33.3
USA, California, Los Angeles, NH White (1993-2012)	390	45.8	50.9	40.3	443	39.4	44.9	33.5	70.4	38.3	21.2	17.2
USA, California, San Francisco (1993-2012)	634	43.3	48.9	37.5	714	37.3	42.6	31.7	71.4	32.7	17.7	16.6
USA, California, San Francisco, API (1993-2012)	127	38.6	47.6	29.1	142	32.8	39.9	25.4	67.6	27.1	12.7	13.0
USA, California, San Francisco, Black (1993-2012)	35	19.9	25.0	14.6	39	16.8	21.5	12.0	37.5	7.3	10.4	6.2
USA, California, San Francisco, Hispanic White (1993-2012)	205	56.7	60.1	53.1	239	50.9	55.9	45.4	92.8	36.7	30.7	30.8
USA, California, San Francisco, NH White (1993-2012)	246	42.6	48.0	37.0	273	36.3	41.1	31.2	65.5	39.3	15.9	14.4
USA, California, San Francisco, White (1993-2012)	451	48.0	52.6	43.3	512	41.8	46.7	36.7	76.3	38.3	21.2	20.5
USA, California, San José (1993-2012)	497	51.0	57.1	44.7	575	45.0	51.8	37.8	78.8	42.7	23.3	24.2
USA, California, San José, API (1993-2012)	83	37.6	38.5	36.6	96	33.5	35.7	31.2	70.5	24.1	8.5	19.6
USA, California, San José, Hispanic White (1993-2012)	235	62.9	74.8	50.4	280	57.4	71.2	42.7	90.7	55.1	34.4	38.6
USA, California, San José, NH White (1993-2012)	171	52.5	56.0	48.7	190	44.2	47.4	40.8	80.9	45.8	22.1	15.8
USA, Colorado (1998-2012)	577	42.1	46.1	37.9	660	36.4	41.0	31.6	66.2	33.3	19.6	16.9
USA, Colorado, Hispanic White (1998-2012)	176	48.4	53.8	42.6	197	41.9	48.1	35.2	73.4	37.0	27.6	19.5
USA, Colorado, NH White (1998-2012)	355	41.7	45.2	38.0	412	36.2	40.5	31.8	65.8	32.7	19.8	17.3
USA, Connecticut (1993-2012)	504	39.6	40.5	38.6	580	34.4	35.9	32.9	62.9	27.5	22.0	16.5
USA, Connecticut, Black (1993-2012)	24	12.8	15.0	10.5	29	11.7	13.6	9.6	16.2	9.1	12.2	7.8
USA, Connecticut, Hispanic White (1993-2012)	90	51.7	54.5	48.7	103	45.1	47.5	42.7	68.9	54.2	26.0	22.6
USA, Connecticut, NH White (1993-2012)	378	44.2	44.9	43.4	431	37.9	39.3	36.5	73.7	27.1	23.8	16.5
USA, Connecticut, White (1993-2012)	468	45.3	46.3	44.2	534	39.0	40.5	37.4	72.9	31.3	24.1	17.4
USA, Delaware (1998-2012)	86	37.4	42.4	32.1	96	31.4	36.3	26.4	58.0	37.8	9.4	11.1
USA, Delaware, NH White (1998-2012)	53	40.0	42.8	37.1	58	33.0	36.3	29.5	68.5	36.8	5.7	8.8
USA, District of Columbia (1998-2012)	37	27.6	30.7	24.5	44	24.1	28.7	19.7	38.3	27.2	13.8	12.1
USA, Florida (1998-2012)	1737	39.2	43.1	35.1	1995	33.8	38.1	29.3	63.0	31.0	16.6	15.2
USA, Florida, Black (1998-2012)	219	20.9	21.5	20.2	252	18.1	19.4	16.7	30.5	17.2	12.0	8.5
USA, Florida, Hispanic White (1998-2012)	506	50.9	54.5	47.0	584	44.2	49.0	39.0	78.3	40.2	28.2	21.4
USA, Florida, NH White (1998-2012)	939	41.9	46.7	36.8	1081	36.0	40.8	31.1	69.3	33.9	14.3	15.9
USA, Georgia (1998-2012)	929	33.6	35.2	32.0	1079	29.5	31.9	27.0	52.1	27.7	15.6	15.3
USA, Georgia, Black (1998-2012)	210	21.2	21.2	21.1	249	18.8	19.8	17.9	29.9	16.5	14.7	10.9
USA, Georgia, Hispanic White (1998-2012)	116	43.5	47.3	39.4	125	36.7	40.7	32.1	61.2	45.2	17.9	13.3
USA, Georgia, NH White (1998-2012)	565	40.0	41.4	38.6	662	35.2	37.7	32.6	64.5	31.9	16.5	18.7
USA, Georgia, Atlanta (1993-2012)	422	33.7	37.7	29.6	473	28.9	33.0	24.7	51.2	27.9	16.9	12.5
USA, Georgia, Atlanta, Black (1993-2012)	117	21.5	24.3	18.6	131	18.4	20.8	15.9	30.5	18.3	13.0	7.6
USA, Georgia, Atlanta, Hispanic White (1993-2012)	69	49.6	59.6	38.9	73	41.0	49.4	31.7	63.8	45.2	35.5	11.3
USA, Georgia, Atlanta, NH White (1993-2012)	210	42.9	45.2	40.5	238	37.0	40.5	33.3	69.9	32.6	18.3	16.8
USA, Georgia, Atlanta, White (1993-2012)	279	43.9	48.1	39.5	311	37.6	42.3	32.5	68.4	35.1	21.1	15.8
USA, Georgia, Greater Georgia (2000-2012)	516	33.6	33.7	33.5	613	29.9	31.4	28.3	52.3	27.3	15.6	17.1
USA, Georgia, Greater Georgia, Black (2000-2012)	98	20.5	18.2	22.9	124	19.2	18.8	19.5	28.1	16.0	12.5	14.5
USA, Georgia, Greater Georgia, NH White (2000-2012)	343	38.0	39.4	36.5	407	33.7	36.1	31.0	61.5	29.8	15.7	18.8
USA, Hawaii (1993-2012)	193	40.2	39.5	41.0	210	33.5	33.5	33.5	61.3	33.5	19.6	10.3
USA, Hawaii, API (1993-2012)	138	37.0	34.0	40.2	150	30.7	29.4	32.2	54.7	34.1	16.4	9.3
USA, Hawaii, Hawaiian (1993-2012)	59	37.8	32.8	43.1	62	30.6	27.2	34.4	53.5	39.4	15.1	6.0
USA, Idaho (1998-2012)	187	40.1	46.7	33.2	220	35.5	41.4	29.3	62.6	32.4	18.6	19.5
USA, Idaho, NH White (1998-2012)	152	40.4	47.8	32.6	176	35.1	40.8	29.1	63.5	30.1	21.0	16.8
USA, Illinois (1998-2012)	1545	41.6	44.6	38.4	1789	36.3	39.9	32.5	62.9	35.9	19.6	17.9
USA, Illinois, API (1998-2012)	65	39.1	35.8	42.5	70	32.4	30.1	34.7	52.5	34.1	26.9	9.1
USA, Illinois, Black (1998-2012)	145	20.7	23.4	17.9	164	17.7	20.0	15.3	30.9	17.9	10.2	7.3
USA, Illinois, Hispanic White (1998-2012)	362	48.2	51.1	45.1	429	44.1	48.1	39.9	59.2	48.9	32.6	30.3
USA, Illinois, NH White (1998-2012)	937	45.6	49.1	42.0	1086	39.5	43.7	35.0	73.8	37.0	17.7	18.2
USA, Indiana (1998-2012)	750	40.6	42.9	38.1	847	34.6	37.6	31.5	62.5	34.4	18.2	14.0
USA, Indiana, Black (1998-2012)	40	17.1	15.2	19.1	48	15.6	14.6	16.6	26.5	16.8	4.9	10.3
USA, Indiana, NH White (1998-2012)	619	43.2	46.1	40.2	694	36.4	39.7	33.0	67.4	36.6	18.2	13.2
USA, Iowa (1993-2012)	442	40.1	43.5	36.6	491	33.6	36.8	30.3	65.9	29.8	17.3	11.1
USA, Iowa, NH White (1993-2012)	382	40.1	42.7	37.4	428	33.7	36.4	30.8	66.9	28.8	16.9	11.6
USA, Iowa, White (1993-2012)	413	40.6	43.8	37.2	462	34.1	37.2	30.8	67.3	29.3	17.4	11.9

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ia. Lymphoid leukaemia

	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)	447	38.6	42.4	34.5	508	33.0	37.8	28.1	64.9	28.6	14.5	14.0
USA, Kentucky, NH White (1998-2012)	387	39.7	42.4	36.9	440	34.0	37.9	29.8	67.0	29.8	14.4	14.1
USA, Louisiana (1998-2012)	431	32.0	35.7	28.0	492	27.4	31.6	23.2	48.2	25.8	17.1	11.9
USA, Louisiana, Black (1998-2012)	104	18.9	21.1	16.6	121	16.5	19.7	13.3	25.0	17.5	12.2	8.4
USA, Louisiana, NH White (1998-2012)	289	39.6	44.2	34.9	331	34.1	38.8	29.2	61.1	30.9	20.8	14.9
USA, Maine (1998-2012)	133	42.2	45.4	38.8	148	35.2	38.1	32.1	66.6	36.9	15.4	11.0
USA, Maine, NH White (1998-2012)	130	44.3	47.4	41.0	144	36.8	39.5	34.0	70.0	39.4	15.5	10.9
USA, Maryland (1998-2012)	448	28.1	29.9	26.3	510	24.2	26.5	21.8	41.8	21.7	17.0	10.7
USA, Maryland, Black (1998-2012)	97	16.8	18.8	14.7	112	14.7	16.8	12.5	19.7	13.5	16.5	7.5
USA, Maryland, NH White (1998-2012)	279	34.2	37.4	30.8	321	29.5	33.3	25.5	53.3	27.2	16.4	13.3
USA, Massachusetts (1998-2012)	718	43.5	45.2	41.7	824	37.3	40.2	34.2	72.8	30.9	18.3	15.8
USA, Massachusetts, Black (1998-2012)	39	21.5	25.6	17.3	45	18.7	23.1	14.1	27.2	20.0	15.6	9.0
USA, Massachusetts, Hispanic White (1998-2012)	76	43.1	43.7	42.6	89	38.1	40.9	35.2	71.7	32.7	16.7	20.9
USA, Massachusetts, NH White (1998-2012)	559	47.0	49.0	44.8	638	40.0	43.1	36.7	79.7	32.7	19.2	15.8
USA, Michigan (1998-2012)	1100	38.9	43.2	34.5	1240	33.0	36.8	29.1	60.3	32.4	17.7	12.7
USA, Michigan, Black (1998-2012)	106	18.9	21.0	16.9	120	16.3	17.8	14.7	23.3	19.8	12.2	7.2
USA, Michigan, Hispanic White (1998-2012)	64	38.5	46.9	29.7	69	32.2	39.9	24.0	39.6	37.6	38.0	10.4
USA, Michigan, NH White (1998-2012)	869	43.6	48.5	38.4	982	36.9	41.2	32.3	70.8	34.3	17.8	13.8
USA, Michigan, Detroit (1993-2012)	559	35.5	38.5	32.4	621	30.1	32.9	27.2	56.6	27.6	16.3	11.4
USA, Michigan, Detroit, Black (1993-2012)	95	18.6	19.2	18.0	106	15.9	16.5	15.3	21.9	20.5	12.1	6.5
USA, Michigan, Detroit, NH White (1993-2012)	412	43.8	47.6	39.8	457	37.0	40.5	33.2	74.5	29.9	18.4	13.4
USA, Michigan, Detroit, White (1993-2012)	439	43.4	47.3	39.2	488	36.7	40.5	32.8	72.5	30.5	18.9	13.8
USA, Minnesota (1998-2012)	573	38.7	41.5	35.8	660	33.5	37.2	29.6	61.0	30.1	18.6	15.4
USA, Minnesota, NH White (1998-2012)	428	37.4	38.8	36.1	498	32.4	35.0	29.7	60.8	28.2	16.6	15.1
USA, Mississippi (2002-2012)	196	30.3	33.3	27.1	223	26.0	29.6	22.1	47.3	24.1	14.4	11.0
USA, Mississippi, Black (2002-2012)	65	22.7	23.4	21.9	72	19.0	20.6	17.4	35.8	18.9	9.3	6.3
USA, Mississippi, NH White (2002-2012)	122	37.0	42.4	31.2	141	32.1	37.8	26.1	57.7	29.7	17.4	15.2
USA, Missouri (1996-2012)	679	36.7	40.2	33.1	763	31.1	34.7	27.4	59.8	26.0	17.8	11.9
USA, Missouri, Black (1996-2012)	81	27.4	30.9	23.8	95	24.2	27.7	20.6	40.7	18.3	19.7	13.3
USA, Missouri, NH White (1996-2012)	481	33.2	36.8	29.5	543	28.2	32.0	24.2	52.5	24.5	17.1	11.0
USA, Montana (1998-2012)	92	35.9	35.2	36.7	107	31.1	31.8	30.3	54.2	28.9	19.5	14.3
USA, Montana, NH White (1998-2012)	73	34.3	32.2	36.6	85	29.6	29.7	29.4	50.9	27.9	19.3	13.3
USA, Nebraska (1998-2012)	188	35.5	40.1	30.8	222	31.4	35.7	26.9	56.1	27.0	17.4	17.0
USA, Nebraska, NH White (1998-2012)	148	36.5	40.6	32.2	174	31.8	35.7	27.7	57.1	28.5	17.7	15.8
USA, Nevada (1998-2012)	286	40.3	46.8	33.6	331	35.6	42.0	28.8	64.0	33.6	16.2	19.4
USA, Nevada, Hispanic White (1998-2012)	114	48.0	61.2	34.3	135	44.3	58.3	29.4	71.7	39.7	25.6	31.4
USA, Nevada, NH White (1998-2012)	129	39.6	44.5	34.4	149	34.5	38.9	29.8	68.9	29.0	12.2	17.0
USA, New Hampshire (1998-2012)	150	43.9	43.4	44.5	174	37.9	38.8	37.1	65.4	32.5	28.1	17.3
USA, New Hampshire, NH White (1998-2012)	140	44.7	43.6	45.9	163	38.6	39.2	38.0	64.7	34.6	29.3	17.8
USA, New Jersey (1998-2012)	1032	42.6	46.1	38.8	1173	36.7	40.9	32.3	65.7	33.4	21.9	16.5
USA, New Jersey, API (1998-2012)	87	41.8	41.6	42.1	95	35.4	36.6	34.2	60.8	32.3	27.2	13.3
USA, New Jersey, Black (1998-2012)	121	27.5	33.5	21.2	135	23.3	28.2	18.1	39.9	19.6	19.6	8.8
USA, New Jersey, Hispanic White (1998-2012)	154	36.7	36.6	36.8	187	33.8	35.5	31.9	53.6	33.0	18.4	23.7
USA, New Jersey, NH White (1998-2012)	652	48.7	52.7	44.5	735	41.5	46.2	36.5	77.7	37.7	22.1	16.9
USA, New Mexico (1993-2012)	344	43.6	50.6	36.3	397	37.9	44.8	30.7	65.1	39.0	20.1	18.3
USA, New Mexico, Hispanic White (1993-2012)	162	41.2	48.1	34.1	191	36.6	43.6	29.4	64.8	31.4	20.6	20.8
USA, New Mexico, NH White (1993-2012)	123	50.1	52.2	48.0	140	42.7	46.5	38.6	71.5	58.5	12.4	17.1
USA, New Mexico, White (1993-2012)	285	44.6	49.7	39.3	331	38.9	44.7	32.8	67.3	41.9	17.3	19.2
USA, New York State (1998-2012)	2061	39.8	43.4	36.0	2374	34.3	37.8	30.8	61.6	33.2	17.9	15.7
USA, New York State, API (1998-2012)	98	27.0	26.7	27.2	109	22.7	23.3	22.1	40.3	23.7	12.9	8.1
USA, New York State, Black (1998-2012)	244	21.3	24.9	17.5	284	18.6	21.5	15.6	29.7	18.9	12.8	9.2
USA, New York State, Hispanic White (1998-2012)	391	45.3	47.7	42.7	455	39.9	42.6	37.0	64.9	41.7	23.0	21.4
USA, New York State, NH White (1998-2012)	1225	44.4	48.7	39.9	1404	38.1	42.0	33.9	71.8	35.3	17.9	16.1
USA, New York State, White (1998-2012)	1616	44.5	48.3	40.5	1859	38.4	42.0	34.5	70.1	36.8	19.0	17.3
USA, North Carolina (1998-2012)	933	37.1	40.9	33.1	1044	31.5	36.2	26.5	56.7	29.6	19.2	12.2
USA, North Carolina, Black (1998-2012)	129	19.1	21.7	16.4	147	16.4	19.8	12.9	26.7	13.6	15.0	7.1
USA, North Carolina, Hispanic White (1998-2012)	136	54.7	59.3	49.7	156	49.8	57.1	41.1	75.6	50.7	31.1	32.9
USA, North Carolina, NH White (1998-2012)	609	41.1	44.6	37.3	676	34.5	38.8	30.0	65.2	31.7	19.3	12.0
USA, North Dakota (1998-2012)	72	39.9	42.8	36.9	86	35.0	38.8	31.0	53.7	34.4	27.7	18.2
USA, North Dakota, NH White (1998-2012)	63	41.2	38.9	43.7	77	36.6	36.5	36.6	56.9	30.8	31.9	20.6
USA, Ohio (1998-2012)	1156	36.0	39.3	32.5	1324	31.0	34.5	27.3	57.1	27.7	17.1	13.6
USA, Ohio, Black (1998-2012)	98	17.4	21.7	13.0	125	16.7	20.3	13.0	22.2	14.0	14.9	14.3
USA, Ohio, NH White (1998-2012)	964	39.0	42.0	35.9	1094	33.2	36.5	29.7	63.4	29.3	17.3	13.2
USA, Oklahoma (1998-2012)	421	39.7	45.7	33.4	492	34.8	40.5	28.8	59.3	37.6	16.1	17.9
USA, Oklahoma, Native American (1998-2012)	60	42.0	47.0	36.7	69	36.5	41.6	31.2	67.7	35.1	15.3	17.6
USA, Oklahoma, NH White (1998-2012)	271	40.8	47.1	34.1	321	35.8	41.8	29.6	61.5	37.6	16.6	18.9
USA, Oregon (1998-2012)	463	46.9	47.3	46.6	526	40.2	41.6	38.6	73.5	37.6	21.9	16.8
USA, Oregon, Hispanic White (1998-2012)	85	50.4	53.4	47.3	94	43.5	45.1	42.0	73.7	49.7	20.2	19.7
USA, Oregon, NH White (1998-2012)	316	44.7	42.8	46.7	365	38.4	38.6	38.2	72.3	33.4	20.5	16.8
USA, Pennsylvania (1998-2012)	1300	40.5	44.3	36.5	1490	34.6	38.5	30.5	64.3	31.8	18.4	14.3
USA, Pennsylvania, Black (1998-2012)	123	23.3	28.5	17.9	146	20.8	25.8	15.6	27.1	19.9	21.9	12.2
USA, Pennsylvania, Hispanic White (1998-2012)	52	26.3	25.7	26.9	64	24.5	25.2	23.8	40.2	20.8	13.9	18.4
USA, Pennsylvania, NH White (1998-2012)	1054	44.2	48.1	40.1	1201	37.5	41.5	33.3	72.7	33.6	18.0	14.2
USA, Rhode Island (1998-2012)	120	43.5	47.9	38.8	135	36.5	42.0	30.8	59.2	41.9	24.3	12.7
USA, Rhode Island, NH White (1998-2012)	91	48.1	52.5	43.5	103	40.4	45.8	34.8	69.9	46.1	21.4	13.8
USA, South Carolina (1998-2012)	397	32.7	37.7	27.6	464	28.6	33.9	23.1	51.0	26.7	15.1	14.3
USA, South Carolina, Black (1998-2012)	76	17.8	18.6	16.9	93	16.0	18.6	13.4	26.6	15.9	8.0	10.0
USA, South Carolina, NH White (1998-2012)	287	41.1	47.7	34.2	327	35.2	41.5	28.5	65.9	31.0	19.3	14.6
USA, South Dakota (2001-2012)	57	31.0	36.2	25.5	70	28.1	34.1	21.7	54.0	21.7	10.5	18.1
USA, South Dakota, NH White (2001-2012)	42	29.8	33.6	25.7	53	27.3	32.7	21.5	53.6	17.9	11.3	18.7
USA, Tennessee (1999-2012)	591	37.3	40.7	33.8	679	32.4	36.3	28.2	57.9	29.3	18.9	15.1
USA, Tennessee, Black (1999-2012)	85	23.9	24.7	23.0	97	20.6	22.0	19.2	31.6	21.3	16.4	9.4
USA, Tennessee, NH White (1999-2012)	444	40.2	43.9	36.3	507	34.5	38.7	30.1	65.2	30.6	17.5	15.0
USA, Texas (1998-2012)	3390	44.5	48.0	41.0	3854	38.5	42.4	34.4	66.7	36.3	24.1	17.6
USA, Texas, API (1998-2012)	66	23.8	27.2	20.2	69	19.2	22.5	15.7	39.2	17.7	10.1	3.4

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ia. Lymphoid leukaemia

	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)	213	20.7	24.1	17.2	242	17.8	20.8	14.7	28.8	17.4	13.5	7.9
USA, Texas, Hispanic White (1998-2012)	1825	54.0	57.1	50.8	2081	47.3	51.4	43.0	75.6	47.6	32.4	24.4
USA, Texas, NH White (1998-2012)	1185	41.8	45.8	37.6	1351	35.8	40.0	31.3	67.8	30.7	19.3	15.1
USA, Utah (1993-2012)	450	36.9	37.9	35.8	513	31.9	33.2	30.6	58.5	29.9	15.9	14.8
USA, Utah, Hispanic White (1993-2012)	82	54.4	53.0	55.8	97	50.1	52.2	47.7	82.7	50.7	20.7	35.4
USA, Utah, NH White (1993-2012)	352	35.6	36.4	34.7	400	30.6	31.4	29.8	57.6	27.4	15.3	13.4
USA, Utah, White (1993-2012)	434	38.1	38.7	37.4	497	33.1	34.0	32.1	61.1	30.4	15.9	15.8
USA, Vermont (1998-2012)	83	53.5	57.9	48.8	97	45.9	52.3	39.2	75.3	46.9	31.9	19.8
USA, Vermont, NH White (1998-2012)	83	56.8	61.4	51.9	97	48.7	55.4	41.6	80.2	49.7	33.6	20.9
USA, Virginia (1998-2012)	757	36.0	37.0	35.0	851	30.6	32.2	28.9	56.0	29.6	16.5	12.0
USA, Virginia, Black (1998-2012)	112	22.0	24.8	19.2	128	18.9	22.2	15.5	31.4	19.6	12.2	8.2
USA, Virginia, Hispanic White (1998-2012)	69	40.5	33.1	48.1	79	35.9	32.5	39.3	56.2	27.7	33.6	20.2
USA, Virginia, NH White (1998-2012)	517	40.0	41.8	38.2	577	33.7	35.9	31.5	63.2	33.6	16.3	12.1
USA, Washington State (1998-2012)	738	41.4	42.1	40.6	853	35.9	38.3	33.4	65.2	30.7	21.5	17.2
USA, Washington State, Hispanic White (1998-2012)	111	41.7	39.0	44.6	135	39.5	39.9	39.0	61.2	32.3	26.3	32.0
USA, Washington State, NH White (1998-2012)	492	41.0	41.8	40.2	571	35.5	37.9	32.9	66.5	29.5	19.8	16.4
USA, Washington, Seattle (1993-2012)	648	41.9	44.0	39.7	725	35.6	38.5	32.5	65.0	34.7	19.0	13.8
USA, Washington, Seattle, API (1993-2012)	62	39.6	45.4	33.6	69	33.4	39.7	26.9	63.6	31.7	16.3	12.1
USA, Washington, Seattle, Hispanic White (1993-2012)	67	46.6	42.2	51.3	77	41.9	41.4	42.2	70.6	44.5	17.1	25.5
USA, Washington, Seattle, NH White (1993-2012)	460	42.4	43.8	41.0	516	36.0	38.0	33.8	66.9	34.5	18.6	13.7
USA, Washington, Seattle, White (1993-2012)	527	42.9	43.7	42.1	593	36.6	38.3	34.7	67.3	35.6	18.5	14.8
USA, West Virginia (1998-2012)	168	37.3	39.8	34.7	187	31.3	34.5	27.9	56.9	32.6	16.5	10.4
USA, West Virginia, NH White (1998-2012)	161	38.7	41.2	36.1	180	32.5	35.8	29.1	60.1	33.7	15.8	11.2
USA, Wisconsin (1998-2012)	699	45.8	46.7	44.9	790	38.8	40.9	36.7	74.5	33.2	21.6	14.9
USA, Wisconsin, NH White (1998-2012)	548	47.1	48.6	45.5	614	39.5	42.0	36.9	78.4	32.9	21.1	13.2
USA, Wyoming (1998-2012)	48	31.8	30.7	33.1	58	28.5	29.6	27.2	44.1	32.7	14.6	16.8
<b>ASIA</b>												
BAHRAIN (1998-2012)	75	24.6	29.7	19.3	86	21.8	24.9	18.5	34.1	20.8	16.1	12.0
CHINA, 6 registries (1990-2013)	1709	33.7	37.5	29.6	2033	28.7	32.2	24.9	52.1	27.2	16.3	11.5
CHINA, Beijing (2000-2013)	480	31.4	36.3	26.3	596	26.9	31.3	22.2	47.6	25.0	17.0	11.2
CHINA, Dalian (2003-2012)	73	39.0	44.8	32.7	87	33.1	36.7	29.1	51.0	43.2	18.2	12.7
CHINA, Guangzhou (2010-2012)	125	40.6	42.7	38.3	150	34.9	37.8	31.7	59.3	41.6	14.7	15.2
CHINA, Hong Kong (1990-2013)	834	37.7	41.4	33.7	937	31.4	35.0	27.7	60.5	28.4	17.6	9.9
CHINA, Shanghai (2002-2012)	137	27.2	30.9	23.3	193	24.5	28.0	20.9	44.1	21.7	10.9	15.2
CHINA, Zhongshan (2003-2012)	60	17.7	18.7	16.6	70	15.7	17.6	13.7	23.6	15.8	12.0	9.0
INDIA, 7 registries (1990-2013)	4170	25.4	31.5	18.7	4957	22.4	28.0	16.2	31.3	25.3	17.5	12.4
INDIA, Bangalore (1993-2011)	533	18.3	22.0	14.4	613	15.8	19.0	12.4	22.4	16.7	14.5	7.2
INDIA, Chennai (1993-2013)	730	35.3	42.2	28.0	843	30.4	36.5	24.0	44.4	36.4	21.8	13.6
INDIA, Kollam (2006-2012)	110	28.6	36.2	20.7	129	25.2	32.6	17.7	40.2	29.0	12.7	13.6
INDIA, Mumbai (1993-2012)	1232	20.7	24.8	16.2	1489	18.4	22.2	14.2	26.2	20.1	14.1	10.5
INDIA, Nagpur (1990-2012)	334	25.0	32.2	17.3	418	23.3	31.0	15.2	27.2	25.2	21.9	17.6
INDIA, New Delhi (2003-2010)	1169	32.4	42.6	20.6	1396	29.1	38.4	18.1	39.5	33.5	21.8	17.6
INDIA, Trivandrum (2005-2012)	62	31.0	33.8	28.0	69	26.2	30.4	21.7	41.1	31.5	16.9	9.7
IRAN, Golestan (2004-2011)	106	30.3	38.9	21.5	130	26.7	33.8	19.3	28.3	37.4	25.2	14.2
ISRAEL (1990-2012)	1064	26.2	29.7	22.4	1230	23.4	27.2	19.4	35.5	24.7	15.5	13.6
ISRAEL, Jews (1990-2012)	790	26.8	30.4	23.1	912	23.8	27.6	19.7	36.0	26.0	15.4	13.2
ISRAEL, Non-Jews (1990-2012)	274	24.5	28.1	20.8	318	22.4	26.1	18.5	34.0	21.3	15.5	14.9
JAPAN, 8 registries (1990-2013)	1624	28.4	30.4	26.4	1896	24.6	26.9	22.2	40.5	25.3	15.9	11.2
JAPAN, Aichi (2008-2012)	156	30.5	35.6	25.2	183	27.0	31.4	22.3	38.6	34.4	15.3	14.8
JAPAN, Hiroshima (1990-2012)	116	29.9	28.8	31.1	128	24.9	24.7	25.0	41.1	28.9	16.2	7.4
JAPAN, Miyagi (1990-2010)	219	30.6	32.0	29.0	255	26.2	27.5	24.8	42.0	25.7	20.7	11.0
JAPAN, Nagasaki (1993-2012)	98	22.1	22.9	21.3	119	19.7	20.9	18.5	29.7	16.9	17.8	11.5
JAPAN, Niigata (2003-2012)	100	35.5	42.4	28.2	114	30.2	36.2	23.8	60.9	23.6	14.7	12.0
JAPAN, Osaka (1990-2012)	782	28.3	29.5	27.0	918	24.4	26.4	22.4	40.6	25.4	15.1	11.2
JAPAN, Tochigi (2005-2012)	71	34.5	39.0	29.7	79	29.0	34.2	23.6	49.2	33.8	15.6	10.3
JAPAN, Yamagata (1990-2013)	82	20.4	23.9	16.7	100	18.3	21.5	14.9	30.8	15.1	12.3	11.2
JORDAN (2000-2012)	836	31.5	36.7	26.1	1013	29.4	34.6	23.9	40.4	29.8	21.6	22.2
REPUBLIC OF KOREA (1999-2012)	3351	28.7	31.7	25.4	3904	24.8	27.7	21.6	42.6	22.7	16.9	11.5
REPUBLIC OF KOREA, Busan (1999-2012)	224	29.3	31.9	26.5	264	25.1	27.6	22.4	39.7	25.2	20.1	10.7
REPUBLIC OF KOREA, Daegu (1999-2012)	146	24.5	26.8	21.8	173	21.3	24.2	17.8	34.8	19.4	16.3	10.2
REPUBLIC OF KOREA, Daejeon (1999-2012)	106	27.9	30.3	25.1	124	24.2	26.0	22.2	38.6	22.3	19.9	11.7
REPUBLIC OF KOREA, Gwangju (1997-2012)	130	29.8	29.6	29.9	149	25.4	25.3	25.5	44.8	22.7	17.6	10.5
REPUBLIC OF KOREA, Incheon (1998-2012)	199	27.5	31.3	23.3	241	24.5	28.5	20.3	39.3	22.6	17.1	14.4
REPUBLIC OF KOREA, Jeju (2000-2012)	46	30.9	33.6	27.9	53	27.1	30.3	23.5	29.8	30.9	32.3	14.0
REPUBLIC OF KOREA, Seoul (1995-2012)	893	29.6	34.0	24.7	1047	25.5	29.7	21.0	41.7	25.2	18.3	11.5
REPUBLIC OF KOREA, Ulsan (2001-2012)	72	29.9	30.8	28.7	77	24.3	25.9	22.3	48.3	17.4	19.2	5.0
KUWAIT (1994-2012)	380	31.6	34.0	29.1	494	32.4	33.9	30.8	40.7	21.8	30.2	35.1
KUWAIT, Kuwaitis (1994-2012)	226	31.9	35.8	27.9	291	32.5	34.6	30.3	42.3	20.2	31.1	34.5
KUWAIT, Non-Kuwaitis (1994-2012)	154	31.1	31.4	30.8	203	32.2	32.9	31.4	38.5	24.1	28.9	36.0
LEBANON (2008-2010)	126	35.9	38.3	33.3	145	31.2	34.6	27.7	38.9	45.3	21.3	15.3
PAKISTAN, Karachi (1995-2002)	110	19.4	24.9	13.5	126	17.5	22.8	11.8	21.4	21.8	14.0	11.1
PAKISTAN, Lahore (2008-2012)	352	19.2	24.4	13.6	384	16.2	20.8	11.3	22.4	16.5	17.9	5.9
PHILIPPINES, 2 registries (1993-2012)	2373	32.0	37.8	25.9	2637	27.2	32.6	21.8	43.1	31.3	17.9	11.0
PHILIPPINES, Manila (1993-2012)	1190	34.5	39.9	28.9	1346	29.8	34.9	24.6	45.4	35.8	18.6	13.6
PHILIPPINES, Rizal (1993-2012)	1183	29.7	36.0	23.3	1291	25.0	30.5	19.4	41.1	27.4	17.2	8.6
QATAR (2002-2014)	64	21.8	23.7	19.7	75	20.0	21.7	18.1	28.1	20.1	15.2	13.8
SAUDI ARABIA, Riyadh (1994-2012)	1077	32.7	35.5	29.8	1236	29.5	33.1	25.8	47.2	28.1	18.5	18.3
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	227	40.1	36.6	43.8	259	37.0	34.8	39.3	59.4	33.1	22.2	26.3
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	850	31.2	35.3	26.9	977	28.0	32.8	23.1	44.6	27.1	17.8	17.0
THAILAND, 6 registries (1993-2013)	1007	27.0	30.7	23.2	1140	22.8	26.1	19.4	37.6	24.8	15.5	8.2
THAILAND, Bangkok (2001-2012)	267	20.8	24.1	17.3	307	17.6	20.7	14.3	23.4	22.7	15.1	6.6
THAILAND, Chiang Mai (1993-2012)	158	29.0	32.9	25.0	180	24.6	28.7	20.4	37.5	30.1	16.6	9.4
THAILAND, Chonburi (1998-2012)	136	38.1	43.0	32.8	148	31.6	35.4	27.5	56.0	31.0	22.1	9.2
THAILAND, Khon Kaen (1993-2012)	209	30.4	35.2	25.4	233	25.5	29.1	21.6	48.8	21.5	15.9	8.3
THAILAND, Lampang (1993-2013)	84	30.8	35.5	26.0	104	27.7	32.4	22.9	41.5	29.5	18.2	17.1

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ia. Lymphoid leukaemia

	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)	153	26.0	27.2	24.7	168	21.6	22.8	20.3	41.3	22.2	9.8	6.3
TURKEY, paediatric (2009-2011)	1411	26.4	29.6	23.1	-	-	-	-	39.6	21.4	14.3	-
TURKEY, 8 registries (1992-2012)	1494	41.0	45.9	35.8	1719	35.3	39.9	30.5	65.4	31.0	19.4	15.7
TURKEY, Ankara (2008-2012)	195	39.3	48.7	29.2	229	34.6	43.9	24.9	63.9	26.0	21.2	18.7
TURKEY, Antalya (1998-2012)	243	43.2	51.2	34.8	270	36.5	43.6	29.0	78.8	24.5	16.7	13.1
TURKEY, Bursa (2004-2012)	162	34.4	38.9	29.6	189	30.1	34.4	25.5	57.2	26.6	12.4	15.3
TURKEY, Erzurum (2006-2012)	63	41.3	40.4	42.2	71	35.3	36.3	34.4	66.1	28.4	22.5	14.9
TURKEY, İzmir (1992-2012)	614	41.4	44.6	38.0	712	35.7	39.0	32.3	62.2	34.3	21.5	16.2
TURKEY, Samsun (2003-2012)	123	44.3	45.5	43.1	143	38.3	38.4	38.2	68.3	38.0	19.5	17.6
TURKEY, Trabzon (2003-2012)	68	45.4	58.0	32.3	78	38.5	48.9	27.7	72.9	33.2	22.2	14.9
VIET NAM, Ho Chi Minh City (1995-2013)	531	22.7	24.2	21.1	597	18.9	20.5	17.3	32.2	19.0	14.1	5.8
<b>EUROPE</b>												
AUSTRIA (1990-2012)	1110	38.6	43.1	33.9	1275	33.3	37.8	28.5	58.0	33.3	18.9	14.8
BELARUS, paediatric (1990-2014)	1427	35.1	36.2	33.9	1625	29.7	31.5	27.7	53.8	29.3	16.6	11.0
BELGIUM (2004-2013)	655	37.7	42.8	32.4	756	32.8	37.6	27.8	57.4	28.9	21.4	15.8
BULGARIA (1990-2013)	916	32.5	36.2	28.6	1035	27.3	30.8	23.6	45.8	30.4	17.0	9.4
CROATIA (2001-2014)	440	50.5	58.8	41.8	492	42.4	49.5	34.9	76.1	39.8	28.4	14.6
CYPRUS, South-West (1998-2012)	91	44.5	50.8	37.8	112	39.8	44.4	35.0	66.5	34.5	26.2	23.7
CZECH REPUBLIC (1990-2012)	1348	37.2	41.4	32.9	1554	31.6	35.9	27.2	60.7	26.6	17.8	12.4
ESTONIA (1990-2012)	175	32.8	28.3	37.6	202	28.2	25.1	31.4	52.2	22.7	18.2	12.1
FRANCE, paediatric (2000-2012)	5033	35.8	38.8	32.7	-	-	-	-	52.0	31.1	19.6	-
FRANCE, paediatric specialized (1990-1999)	3644	34.2	38.0	30.3	-	-	-	-	50.8	29.6	17.3	-
FRANCE, 13 registries (1993-2012)	1022	34.5	37.9	30.9	1176	29.9	33.6	26.0	50.7	30.6	17.2	13.9
FRANCE, Bas-Rhin (1993-2011)	129	36.7	44.9	28.1	149	31.8	39.2	24.1	55.4	30.6	18.4	15.2
FRANCE, Calvados (1990-2012)	74	26.2	22.4	30.2	84	22.4	20.6	24.2	31.8	28.7	16.0	9.2
FRANCE, Doubs (1993-2012)	62	33.7	31.9	35.6	70	28.6	27.8	29.5	54.2	24.7	16.5	11.1
FRANCE, Gironde (2008-2012)	41	32.6	39.4	25.5	49	29.2	36.4	21.7	33.8	35.3	28.0	17.3
FRANCE, Haut-Rhin (1993-2012)	72	27.2	26.2	28.2	86	24.6	24.7	24.4	38.6	24.6	14.8	15.5
FRANCE, Hérault (1993-2012)	128	41.2	42.8	39.5	148	35.5	37.8	33.1	65.5	32.5	18.3	15.9
FRANCE, Isère (1993-2012)	159	37.3	43.7	30.6	185	32.7	37.8	27.3	58.9	29.6	17.1	16.7
FRANCE, Loire-Atlantique and Vendée (1998-2012)	168	33.8	36.7	30.7	192	29.3	32.4	25.9	46.4	34.1	16.7	13.6
FRANCE, Manche (1994-2012)	59	36.6	43.6	29.3	66	31.1	38.3	23.5	58.3	25.7	19.7	12.0
FRANCE, Somme (1993-2012)	60	30.1	35.1	24.8	66	25.0	30.0	19.8	47.4	26.5	10.9	7.6
GERMANY, paediatric (1996-2012)	8124	43.3	46.9	39.4	-	-	-	-	66.6	35.6	20.7	-
GERMANY, 6 Eastern registries (2001-2007)	500	40.0	43.5	36.2	610	34.2	38.2	30.1	63.0	30.2	20.0	14.6
GERMANY, 5 Western registries (1994-2012)	1866	41.1	45.1	36.8	2157	35.4	39.5	30.9	62.1	33.9	21.1	15.6
GERMANY, Bavaria (2002-2012)	760	40.9	46.0	35.6	867	34.9	39.9	29.6	63.0	33.7	19.6	14.0
GERMANY, Lower Saxony (2003-2012)	443	40.5	44.9	35.9	519	35.2	40.1	30.0	59.7	32.1	24.3	16.6
GERMANY, Rhine-Pfalz (1998-2012)	355	42.7	44.6	40.7	413	36.9	39.0	34.7	65.3	36.5	19.5	16.9
GERMANY, Saarland (1994-2012)	101	40.0	50.7	28.9	116	34.2	44.6	23.3	64.2	27.7	21.5	14.2
GERMANY, Schleswig-Holstein (2000-2012)	207	40.6	40.3	41.0	242	35.5	35.2	35.7	57.2	37.5	22.0	17.6
GREECE, paediatric specialized (1996-2014)	1389	47.2	52.8	41.4	-	-	-	-	75.5	36.0	22.0	-
HUNGARY, paediatric (1991-2014)	1324	35.9	39.7	31.9	-	-	-	-	54.7	31.9	15.2	-
ICELAND (1990-2014)	52	33.7	35.0	32.4	55	27.4	28.7	26.0	55.9	25.8	12.9	5.5
IRELAND (1994-2012)	596	37.9	39.4	36.2	673	32.3	34.0	30.4	58.4	29.5	19.8	13.0
ITALY, 2 paediatric registries (1998-2011)	388	48.6	52.3	44.6	445	42.1	45.9	38.1	77.0	37.6	22.9	19.8
ITALY, Marche, paediatric (1998-2007)	83	47.3	47.9	46.7	104	43.4	44.0	42.8	84.3	34.6	12.2	29.9
ITALY, Piedmont, paediatric (1990-2011)	546	49.5	53.6	45.1	-	-	-	-	78.0	39.6	22.4	-
ITALY, Piedmont, paediatric (2000-2011)	305	49.0	53.7	44.1	341	41.7	46.4	36.7	74.9	38.5	26.2	16.6
ITALY, 26 registries (1992-2013)	1845	47.1	51.4	42.5	2097	40.2	44.8	35.4	67.9	42.2	24.7	16.7
ITALY, Brescia (1999-2012)	93	43.3	52.6	33.4	101	36.1	44.4	27.2	65.1	36.7	21.5	11.3
ITALY, Catania (2003-2013)	159	52.6	56.2	48.8	177	43.9	47.7	39.9	77.7	44.3	28.2	14.0
ITALY, Friuli-Venezia Giulia (1995-2010)	109	50.6	48.4	53.0	123	43.2	40.3	46.3	74.7	45.4	24.3	17.8
ITALY, Milan (1999-2007)	62	49.0	57.9	39.4	68	41.3	50.3	31.7	65.5	50.5	25.4	14.9
ITALY, Modena (1990-2012)	81	43.9	47.6	39.9	89	36.6	39.4	33.6	57.1	38.8	32.0	11.5
ITALY, Naples (1996-2012)	90	40.5	43.3	37.7	105	35.3	40.7	29.7	60.7	34.2	20.8	17.3
ITALY, Parma (1992-2013)	44	41.9	45.3	38.2	51	36.6	40.8	32.1	51.4	42.5	28.6	18.4
ITALY, Ragusa (1992-2012)	49	38.3	44.0	32.2	58	33.6	39.3	27.7	49.7	34.1	27.7	17.6
ITALY, Reggio Emilia (1996-2012)	56	49.5	58.7	39.8	62	42.2	51.5	32.2	67.7	54.7	19.5	16.7
ITALY, Romagna (1990-2012)	112	40.3	47.2	33.0	125	33.9	40.2	27.3	52.6	43.4	20.6	11.9
ITALY, Salerno (1997-2009)	104	47.6	57.3	37.4	124	41.8	52.0	31.0	70.7	37.3	28.3	21.8
ITALY, Sassari (1992-2011)	52	41.4	50.3	32.0	67	38.1	45.2	30.5	57.4	27.9	35.3	26.5
ITALY, Turin (1992-2012)	106	50.7	53.5	47.7	119	43.0	47.0	38.7	76.8	40.9	26.8	16.3
ITALY, Umbria (1994-2011)	106	59.3	58.4	60.3	116	49.1	49.5	48.6	83.2	63.1	23.1	14.0
ITALY, Varese (1992-2012)	116	52.3	50.2	54.5	136	45.6	46.3	44.8	81.4	46.3	20.1	22.6
ITALY, Veneto (1992-2009)	254	44.3	48.1	40.3	285	37.5	41.8	32.9	63.6	39.2	24.2	14.0
LITHUANIA (2000-2012)	256	41.1	40.2	42.1	300	35.0	34.9	35.1	64.0	37.2	14.9	13.9
MALTA (1994-2013)	62	46.1	53.1	38.7	70	38.9	46.6	30.8	64.1	41.9	26.7	14.2
THE NETHERLANDS (1993-2013)	2229	38.3	42.8	33.6	2512	32.8	37.1	28.3	58.2	31.6	19.3	14.0
NORWAY (1990-2013)	807	40.0	40.1	40.0	917	34.6	35.8	33.2	62.8	30.8	19.9	15.7
POLAND (2001-2013)	2484	33.8	36.6	30.9	2917	28.9	32.0	25.7	52.7	27.8	15.3	12.1
POLAND, Greater Poland (1999-2013)	307	37.5	40.8	34.1	365	32.5	36.1	28.7	56.2	34.2	16.4	15.0
POLAND, Kielce (1990-2013)	160	33.1	34.1	32.1	193	29.0	30.9	26.9	52.8	26.8	14.0	14.5
POLAND, Lower Silesia (2000-2013)	144	25.4	32.1	18.4	179	22.5	28.7	16.1	36.7	21.1	15.1	12.6
POLAND, Lublin (1999-2013)	203	40.9	44.2	37.4	242	35.2	38.1	32.1	67.2	30.0	17.9	15.5
PORTUGAL (1991-2012)	828	32.3	36.6	27.9	951	27.8	31.5	23.9	46.4	29.3	17.0	12.0
PORTUGAL, Centre (2000-2010)	128	34.7	34.6	34.7	150	30.2	31.5	28.8	46.6	35.9	17.4	14.7
PORTUGAL, North (1991-2010)	298	27.7	33.4	21.6	343	23.7	27.6	19.5	37.5	27.6	14.6	9.9
PORTUGAL, South (1998-2012)	383	36.5	40.4	32.4	428	30.9	34.8	26.8	55.7	29.6	18.7	11.5
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	281	36.2	38.8	33.4	-	-	-	-	61.7	24.9	14.6	-
RUSSIAN FEDERATION, 2 registries (1998-2015)	401	37.6	38.4	36.9	450	31.3	32.4	30.2	55.0	35.7	16.6	9.6
RUSSIAN FEDERATION, Chelyabinsk (2008-2012)	113	42.8	42.8	42.8	121	34.8	35.2	34.4	51.9	52.6	19.7	7.3
RUSSIAN FEDERATION, Samara (1998-2015)	288	36.1	37.1	35.1	329	30.3	31.6	28.9	56.1	30.4	15.9	10.3
SLOVAKIA (1990-2009)	620	32.0	37.3	26.6	713	27.2	32.0	22.3	50.0	24.9	16.0	10.7
SLOVAKIA, paediatric (2000-2012)	371	34.3	39.8	28.5	-	-	-	-	50.3	29.9	17.8	-

*Italic when fewer than 10 cases*

Please consult the quality indicators for the individual registries

## Ia. Lymphoid leukaemia

	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)	222	35.2	35.2	35.3	268	30.9	31.8	29.9	61.2	22.2	15.1	16.0
SPAIN, 2 paediatric registries (1991-2013)	1737	37.4	41.7	32.8	-	-	-	-	53.8	32.8	20.7	-
SPAIN, Selected regions, paediatric (2000-2013)	1241	36.6	41.5	31.4	-	-	-	-	50.8	33.1	21.7	-
SPAIN, Valencia, paediatric (1991-2010)	496	40.0	42.8	37.1	-	-	-	-	62.9	32.0	18.4	-
SPAIN, 11 registries (1990-2013)	1146	38.6	44.7	32.3	1339	33.3	38.7	27.6	59.2	31.9	18.8	14.7
SPAIN, Asturias (1992-2010)	65	31.5	36.4	26.3	83	27.9	32.8	22.8	48.9	25.8	14.5	15.7
SPAIN, Balearic Islands (1990-2012)	87	33.6	39.3	27.7	98	28.5	33.1	23.7	43.0	27.8	27.6	11.0
SPAIN, Basque Country (1990-2012)	248	40.7	49.4	31.6	279	34.0	41.1	26.6	62.6	32.6	20.6	11.0
SPAIN, Canary Islands (1993-2011)	159	37.1	41.9	32.1	188	32.0	36.5	27.4	60.1	26.5	18.2	14.5
SPAIN, Girona (1990-2013)	90	41.3	49.7	32.5	112	37.8	46.1	28.9	70.0	29.2	16.6	25.5
SPAIN, Granada (1992-2013)	103	33.3	39.2	27.1	122	29.1	34.4	23.5	47.5	34.7	12.8	14.6
SPAIN, Murcia (1991-2009)	179	45.1	44.8	45.5	208	38.9	39.4	38.3	69.2	37.0	22.1	17.3
SPAIN, Navarra (1990-2010)	71	44.3	49.3	39.1	79	36.9	41.2	32.3	67.9	42.8	14.7	11.3
SPAIN, Tarragona (1990-2011)	74	34.3	41.2	27.5	85	29.4	35.1	23.9	43.4	32.0	24.6	12.6
SWEDEN (1990-2011)	1368	41.3	44.9	37.4	1519	34.8	38.0	31.4	64.8	32.2	20.0	12.4
SWITZERLAND, paediatric (1990-2013)	1165	42.7	49.1	36.1	-	-	-	-	66.5	33.8	20.9	-
SWITZERLAND, 7 registries (1990-2013)	422	42.0	47.1	36.6	461	35.0	39.8	29.9	65.6	32.0	21.7	10.7
SWITZERLAND, Geneva (1993-2013)	51	36.6	32.8	40.5	56	30.6	29.0	32.3	57.1	22.4	24.9	10.2
SWITZERLAND, Vaud (1993-2012)	89	43.4	41.5	45.4	94	35.1	33.3	37.0	77.0	22.8	21.5	6.6
SWITZERLAND, Zurich (1993-2013)	156	40.2	48.5	31.3	171	33.6	41.1	25.6	59.1	36.7	18.7	11.0
UKRAINE (2002-2012)	2475	35.7	41.2	29.9	2974	30.7	35.5	25.7	52.7	33.0	16.1	13.6
UK (2000-2011)	4567	37.0	40.7	33.1	5193	31.7	35.5	27.7	57.9	28.9	18.0	13.4
UK, England (1990-2013)	7768	36.8	40.2	33.2	8724	31.4	34.9	27.7	57.6	29.1	17.6	12.8
UK, England and Wales, paediatric (1991-2010)	6811	36.8	40.4	33.1	-	-	-	-	57.7	28.9	17.7	-
UK, Northern Ireland (1993-2013)	265	36.6	41.4	31.5	310	32.1	37.2	26.8	55.5	31.3	17.2	16.8
UK, Scotland (1991-2013)	779	40.3	44.8	35.6	897	34.8	39.0	30.5	65.3	29.3	19.2	16.0
UK, Wales (2000-2011)	226	38.1	44.1	31.8	264	33.2	39.3	26.8	56.5	32.5	19.8	16.2
<b>OCEANIA</b>												
AUSTRALIA (1992-2014)	3622	43.7	46.1	41.0	4110	37.5	40.7	34.2	68.4	34.6	20.6	16.3
AUSTRALIA, Indigenous (1992-2014)	51	21.8	18.5	25.1	60	20.0	19.9	20.2	32.4	18.7	11.0	14.1
AUSTRALIA, Australian Capital Territory (1992-2012)	65	51.2	43.5	59.3	74	43.6	38.8	48.6	101.6	19.6	19.3	17.2
AUSTRALIA, New South Wales (1992-2012)	1098	41.6	44.8	38.3	1258	36.1	39.9	32.2	64.7	33.4	20.0	17.2
AUSTRALIA, Queensland (1992-2013)	705	43.2	43.6	42.8	802	37.2	39.0	35.3	68.9	34.2	18.9	16.5
AUSTRALIA, South Australia (1992-2012)	261	45.8	46.0	45.5	291	38.6	40.2	37.0	74.6	33.2	21.4	14.0
AUSTRALIA, Tasmania (1992-2013)	77	36.9	40.0	33.7	93	33.4	36.9	29.8	50.8	38.1	17.1	21.4
AUSTRALIA, Victoria (1992-2014)	1038	49.1	53.8	44.1	1161	41.6	46.3	36.7	76.7	39.0	23.4	16.0
AUSTRALIA, Western Australia (1992-2014)	357	39.5	41.1	37.8	405	33.9	36.1	31.5	58.9	33.9	19.8	14.6
FRANCE, 2 registries (1990-2013)	61	21.3	23.1	19.3	69	18.3	20.1	16.3	32.2	17.5	10.8	8.1
FRANCE, New Caledonia (1990-2013)	33	23.8	23.8	23.8	37	20.3	21.2	19.4	33.8	22.1	12.3	8.4
NEW ZEALAND (1993-2012)	710	42.5	47.5	37.3	810	36.8	42.2	31.2	64.9	34.5	21.5	17.1
NEW ZEALAND, API (1993-2012)	78	51.5	56.6	46.1	89	45.5	52.9	37.8	70.1	56.5	21.1	24.8
NEW ZEALAND, Maori (1993-2012)	136	32.0	38.8	24.8	156	28.5	35.3	21.5	47.7	24.5	19.4	16.5
NEW ZEALAND, Other (1993-2012)	496	45.4	49.8	40.9	565	38.9	43.6	34.0	71.4	35.2	22.2	16.5
NEW ZEALAND, paediatric (2000-2012)	464	42.5	46.8	38.0	-	-	-	-	65.6	34.7	20.4	-
NEW ZEALAND, paediatric, Maori (2000-2012)	79	28.1	35.1	20.8	-	-	-	-	37.3	26.8	17.5	-
NEW ZEALAND, paediatric, Non-Maori (2000-2012)	385	47.6	51.1	43.9	-	-	-	-	75.8	37.3	21.3	-

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International Incidence of Childhood Cancer Volume III <http://iicc.iarc.fr/results>