

Leukaemias, myeloproliferative and myelodysplastic diseases

Region: Germany (Data from Eastern Germany are available since 1991.)

Time period: 1980 to 2015

Date: 07.2016

Selected characteristics

Incidence rates per million children less than 15 years

Relative frequency: 19470 (34 %)

Relative frequency of trial patients: 97.3 %

Incidence rates per million:

	Girls	Boys	Total
Number of cases:	8609	10861	19470
Standardized rate*:	46.6	55.2	51.0
Cumulative Incidence:	662	791	728
Sex ratio (m/f):			1.3

Age-specific incidence rates per million:

	<1	1-4	5-9	10-14
Incidence rate - Girls:	33.8	81.2	36.3	24.4
Incidence rate - Boys:	39.3	91.1	45.6	31.9
Incidence rate - Total:	36.6	86.3	41.1	28.2

Median age at diagnosis: 4 years 11 months

* Standard: Segi world standard population

Age- and sex-specific incidence rates

Incidence rates per million children less than 15 years

Age	Number of cases			Incidence rates		
	Boys	Girls	Total	Boys	Girls	Total
0	509	416	925	39.3	33.8	36.6
1	893	789	1682	68.4	63.6	66.1
2	1453	1205	2658	110.4	96.5	103.6
3	1394	1177	2571	105.1	93.4	99.4
4	1072	899	1971	80.1	70.7	75.5
5	875	667	1542	64.8	52.0	58.6
6	642	498	1140	47.2	38.5	43.0
7	593	442	1035	43.2	33.9	38.7
8	537	416	953	38.6	31.5	35.1
9	481	348	829	34.0	25.9	30.1
10	470	347	817	32.6	25.3	29.1
11	458	352	810	31.2	25.2	28.3
12	467	358	825	31.1	25.1	28.2
13	487	340	827	31.7	23.4	27.7
14	506	341	847	32.3	22.9	27.7

Annual number of registered cases and incidence rates by sex

Incidence rates per million children less than 15 years

Year	Number of cases			Incidence rates		
	Boys	Girls	Total	Boys	Girls	Total
1980	238	183	421	47.8	39.5	43.8
1981	214	176	390	42.5	38.7	40.6
1982	204	178	382	43.1	40.3	41.7
1983	252	171	423	54.0	38.9	46.6
1984	215	162	377	47.2	38.0	42.7
1985	223	178	401	49.8	42.3	46.2
1986	223	173	396	50.8	41.3	46.1
1987	230	174	404	52.6	42.4	47.6
1988	226	188	414	51.0	44.9	48.0
1989	218	191	409	47.3	43.8	45.6
1990	255	194	449	53.2	43.3	48.4
1991	340	219	559	52.4	35.8	44.3
1992	354	291	645	54.4	47.4	51.0
1993	334	243	577	51.0	39.9	45.6
1994	339	255	594	52.4	42.3	47.5
1995	340	266	606	53.1	43.5	48.4
1996	360	263	623	56.6	43.4	50.2
1997	354	289	643	55.6	49.7	52.8
1998	348	266	614	57.1	45.2	51.3
1999	366	280	646	59.9	49.2	54.7
2000	357	260	617	57.7	44.9	51.5
2001	336	297	633	55.6	52.4	54.0
2002	308	284	592	51.3	50.3	50.8
2003	358	265	623	59.8	47.4	53.8
2004	352	274	626	61.6	50.0	55.9
2005	322	301	623	57.3	57.5	57.4
2006	363	268	631	65.7	51.9	59.0
2007	328	277	605	59.7	54.8	57.3
2008	322	284	606	60.3	56.7	58.5
2009	312	265	577	59.2	52.7	56.1
2010	340	245	585	65.0	49.6	57.5
2011	311	277	588	58.9	56.1	57.5
2012	302	233	535	58.3	46.6	52.6
2013	310	240	550	60.0	50.2	55.2
2014	301	241	542	58.5	49.1	53.9
2015	306	258	564	60.1	54.0	57.1

For some patients information on age or gender is missing, so that there could be differences if the numbers of cases are summed up.

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