

Ewing tumour and related sarcomas of bone

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: 1194 (2.1 %)

Relative frequency of trial patients: 96.8 %

Incidence rates per million:

	Girls	Boys	Total
Number of cases:	525	669	1194
Standardized rate*:	2.4	2.9	2.6
Cumulative Incidence:	38	46	42
Sex ratio (m/f):			1.3

Age-specific incidence rates per million:

	<1	1-4	5-9	10-14
Incidence rate - Girls:	0.3	1.2	2.4	4.3
Incidence rate - Boys:	0.6	1.3	2.7	5.4
Incidence rate - Total:	0.5	1.2	2.6	4.9

Median age at diagnosis: 11 years 1 month

* 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	8	4	12	0.6	0.3	0.5
1	4	10	14	0.3	0.8	0.5
2	20	7	27	1.5	0.6	1.1
3	15	20	35	1.1	1.6	1.4
4	30	21	51	2.2	1.7	2.0
5	25	24	49	1.9	1.9	1.9
6	38	25	63	2.8	1.9	2.4
7	37	20	57	2.7	1.5	2.1
8	48	43	91	3.5	3.3	3.4
9	37	45	82	2.6	3.3	3.0
10	64	41	105	4.4	3.0	3.7
11	78	60	138	5.3	4.3	4.8
12	73	53	126	4.9	3.7	4.3
13	79	78	157	5.1	5.4	5.3
14	109	73	182	7.0	4.9	6.0

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	10	6	16	1.4	0.9	1.1
1981	14	8	22	2.2	1.6	1.9
1982	16	11	27	2.4	1.9	2.2
1983	16	10	26	2.7	1.9	2.3
1984	12	11	23	2.2	2.1	2.1
1985	15	18	33	2.9	3.5	3.2
1986	21	11	32	4.1	2.4	3.3
1987	19	12	31	3.8	2.5	3.2
1988	14	8	22	2.8	1.7	2.3
1989	12	15	27	2.4	3.2	2.8
1990	8	11	19	1.6	2.3	1.9
1991	25	16	41	3.5	2.4	3.0
1992	21	10	31	2.9	1.5	2.2
1993	17	14	31	2.3	2.0	2.1
1994	16	24	40	2.2	3.4	2.8
1995	17	18	35	2.2	2.6	2.4
1996	26	16	42	3.6	2.3	2.9
1997	23	8	31	3.2	1.1	2.2
1998	21	17	38	2.8	2.4	2.6
1999	18	19	37	2.4	2.7	2.5
2000	20	22	42	2.5	3.2	2.8
2001	17	20	37	2.3	2.9	2.6
2002	26	16	42	3.7	2.5	3.1
2003	21	19	40	3.1	2.7	2.9
2004	16	13	29	2.4	1.9	2.1
2005	28	11	39	4.2	1.8	3.0
2006	25	12	37	3.9	1.8	2.9
2007	22	18	40	3.4	2.9	3.2
2008	14	19	33	2.2	3.1	2.6
2009	15	13	28	2.3	2.2	2.3
2010	21	15	36	3.4	2.6	3.0
2011	19	17	36	3.0	2.9	3.0
2012	17	14	31	2.8	2.5	2.7
2013	20	19	39	3.5	3.2	3.3
2014	15	14	29	2.6	2.4	2.5
2015	32	20	52	5.6	3.5	4.6

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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