

Retinoblastoma

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:	1364 (2,4 %)
Relative frequency of trial patients:	-

Incidence rates per million:			
	Girls	Boys	Total
Number of cases:	661	703	1364
Standardized rate*:	4.1	4.2	4.1
Cumulative Incidence:	53	53	53
Sex ratio (m/f):	1.1		

Age-specific incidence rates per million:				
	<1	1-4	5-9	10-14
Incidence rate - Girls:	23.2	6.8	0.5	0.0
Incidence rate - Boys:	22.8	7.0	0.4	0.1
Incidence rate - Total:	23.0	6.9	0.4	0.1
Median age at diagnosis:			1 year 2 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	295	286	581	22.8	23.2	23.0
1	176	165	341	13.5	13.3	13.4
2	115	104	219	8.7	8.3	8.5
3	50	47	97	3.8	3.7	3.8
4	27	26	53	2.0	2.0	2.0
5	12	15	27	0.9	1.2	1.0
6	5	4	9	0.4	0.3	0.3
7	4	6	10	0.3	0.5	0.4
8	4	6	10	0.3	0.5	0.4
9	3	1	4	0.2	0.1	0.1
10	2	1	3	0.1	0.1	0.1
11	1	0	1	0.1	0.0	0.0
12	3	0	3	0.2	0.0	0.1
13	2	0	2	0.1	0.0	0.1
14	0	0	0	0.0	0.0	0.0

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	13	5	18	3.3	1.4	2.4
1981	18	22	40	4.5	5.8	5.2
1982	16	12	28	4.1	3.1	3.6
1983	13	13	26	3.3	3.5	3.4
1984	9	17	26	2.3	4.4	3.4
1985	23	10	33	5.8	2.7	4.3
1986	14	14	28	3.5	3.8	3.6
1987	18	22	40	4.5	5.8	5.1
1988	22	26	48	5.4	6.6	6.0
1989	18	19	37	4.2	4.7	4.4
1990	23	10	33	5.0	2.3	3.7
1991	19	20	39	3.2	3.5	3.3
1992	19	24	43	3.3	4.3	3.8
1993	20	23	43	3.5	4.3	3.9
1994	21	17	38	3.8	3.3	3.5
1995	18	28	46	3.4	5.6	4.5
1996	18	12	30	3.4	2.3	2.9
1997	22	20	42	4.2	4.1	4.1
1998	18	27	45	3.4	5.4	4.4
1999	20	20	40	3.9	4.1	4.0
2000	27	25	52	5.3	5.2	5.2
2001	26	20	46	5.0	4.0	4.5
2002	21	16	37	4.4	3.3	3.8
2003	25	20	45	5.2	4.2	4.7
2004	18	22	40	3.7	4.9	4.3
2005	21	18	39	4.4	4.1	4.2
2006	18	13	31	3.9	3.0	3.4
2007	29	24	53	6.3	5.7	6.0
2008	19	8	27	4.2	1.8	3.0
2009	22	19	41	4.9	4.5	4.7
2010	17	20	37	3.8	4.8	4.3
2011	18	11	29	4.1	2.6	3.3
2012	20	17	37	4.5	4.1	4.3
2013	16	20	36	3.5	4.7	4.1
2014	19	15	34	4.2	3.5	3.9
2015	25	32	57	5.4	7.4	6.4

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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