

Neuroblastoma and ganglioneuroblastoma

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: 4286 (7,5 %)

Relative frequency of trial patients: 96.6 %

Incidence rates per million:

	Girls	Boys	Total
Number of cases:	1934	2352	4286
Standardized rate*:	11.9	13.8	12.8
Cumulative Incidence:	154	178	167
Sex ratio (m/f):	1.2		

Age-specific incidence rates per million:

	<1	1-4	5-9	10-14
Incidence rate - Girls:	64.3	18.1	2.6	0.9
Incidence rate - Boys:	76.2	21.1	2.9	0.7
Incidence rate - Total:	70.4	19.6	2.8	0.8

Median age at diagnosis: 1 year 4 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	988	790	1778	76.2	64.2	70.4
1	440	404	844	33.7	32.6	33.2
2	279	236	515	21.2	18.9	20.1
3	225	169	394	17.0	13.4	15.2
4	165	100	265	12.3	7.9	10.2
5	93	72	165	6.9	5.6	6.3
6	43	39	82	3.2	3.0	3.1
7	31	22	53	2.3	1.7	2.0
8	17	21	38	1.2	1.6	1.4
9	14	18	32	1.0	1.3	1.2
10	14	20	34	1.0	1.5	1.2
11	10	10	20	0.7	0.7	0.7
12	8	11	19	0.5	0.8	0.6
13	8	12	20	0.5	0.8	0.7
14	10	8	18	0.6	0.5	0.6

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	39	45	84	9.7	11.5	10.6
1981	37	31	68	9.4	8.0	8.7
1982	34	40	74	8.4	10.4	9.4
1983	53	34	87	13.0	8.6	10.9
1984	44	39	83	11.0	10.3	10.7
1985	39	39	78	9.9	10.3	10.1
1986	55	29	84	13.9	7.7	10.8
1987	56	37	93	13.9	9.4	11.7
1988	53	47	100	12.7	11.9	12.3
1989	48	38	86	10.9	9.3	10.1
1990	57	47	104	12.6	10.8	11.7
1991	69	61	130	11.7	10.9	11.3
1992	80	73	153	13.4	13.5	13.4
1993	66	54	120	11.6	10.0	10.8
1994	67	64	131	11.8	12.3	12.1
1995	65	76	141	11.8	14.4	13.0
1996	87	87	174	16.4	17.1	16.7
1997	102	62	164	18.6	12.3	15.6
1998	89	69	158	16.7	13.4	15.1
1999	90	60	150	17.0	11.8	14.5
2000	93	91	184	17.6	18.0	17.8
2001	77	58	135	15.1	11.9	13.6
2002	67	55	122	12.9	11.3	12.1
2003	61	50	111	12.5	10.3	11.4
2004	66	56	122	13.9	12.1	13.0
2005	76	69	145	15.9	14.4	15.2
2006	70	60	130	15.3	13.6	14.5
2007	64	54	118	14.0	12.5	13.3
2008	67	57	124	14.3	13.1	13.7
2009	63	46	109	13.8	10.5	12.2
2010	63	63	126	14.0	15.0	14.5
2011	71	50	121	15.5	11.7	13.7
2012	70	51	121	15.6	11.7	13.7
2013	69	53	122	15.4	12.2	13.8
2014	78	46	124	16.9	10.6	13.9
2015	67	43	110	14.4	9.7	12.1

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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