

Astrocytomas

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: 5508 (9,6 %)

Relative frequency of trial patients: 77.0 %

Incidence rates per million:

	Girls	Boys	Total
Number of cases:	2631	2877	5508
Standardized rate*:	13.4	13.9	13.7
Cumulative Incidence:	199	207	203
Sex ratio (m/f):	1.1		

Age-specific incidence rates per million:

	<1	1-4	5-9	10-14
Incidence rate - Girls:	11.9	15.4	13.8	11.3
Incidence rate - Boys:	9.6	15.5	15.2	11.8
Incidence rate - Total:	10.7	15.5	14.5	11.6

Median age at diagnosis: 7 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	123	146	269	9.5	11.9	10.6
1	166	163	329	12.7	13.1	12.9
2	215	207	422	16.3	16.6	16.4
3	195	197	392	14.7	15.6	15.2
4	234	205	439	17.5	16.1	16.8
5	217	223	440	16.1	17.4	16.7
6	216	193	409	15.9	14.9	15.4
7	217	169	386	15.8	13.0	14.4
8	200	175	375	14.4	13.2	13.8
9	190	137	327	13.4	10.2	11.9
10	186	160	346	12.9	11.7	12.3
11	191	171	362	13.0	12.2	12.6
12	175	156	331	11.7	10.9	11.3
13	179	177	356	11.7	12.2	11.9
14	150	139	289	9.6	9.4	9.5

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	26	11	37	5.1	2.1	3.6
1981	18	17	35	3.1	3.5	3.3
1982	15	15	30	2.6	3.3	3.0
1983	21	26	47	4.3	5.5	4.9
1984	31	30	61	6.2	7.0	6.6
1985	46	44	90	9.7	9.8	9.7
1986	46	38	84	9.8	8.9	9.3
1987	65	47	112	14.1	10.9	12.5
1988	62	57	119	13.8	13.1	13.4
1989	53	56	109	11.1	12.6	11.8
1990	55	57	112	11.2	12.3	11.7
1991	71	57	128	10.6	9.1	9.9
1992	82	66	148	12.3	10.7	11.5
1993	79	64	143	11.5	10.0	10.7
1994	70	79	149	10.3	11.9	11.1
1995	82	80	162	12.1	12.6	12.4
1996	95	79	174	14.2	12.2	13.2
1997	98	85	183	15.4	13.4	14.4
1998	92	89	181	13.7	14.4	14.0
1999	94	99	193	14.1	16.3	15.2
2000	110	102	212	16.6	16.7	16.7
2001	107	103	210	16.4	17.4	16.9
2002	110	97	207	17.5	16.2	16.9
2003	83	88	171	13.5	15.0	14.2
2004	110	90	200	18.5	15.5	17.0
2005	130	95	225	21.6	16.3	19.0
2006	104	94	198	17.5	17.0	17.3
2007	115	93	208	20.0	16.7	18.4
2008	91	106	197	16.0	19.6	17.7
2009	107	99	206	19.3	18.7	19.0
2010	133	104	237	24.3	19.6	22.0
2011	99	88	187	17.3	16.6	16.9
2012	101	101	202	17.9	19.3	18.6
2013	93	104	197	17.1	20.3	18.6
2014	102	83	185	18.8	16.6	17.7
2015	81	88	169	15.5	17.3	16.4

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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