

GERMANY, Lower Saxony (2003-2012)

	Number of cases							Percentage				Incidence rates per million person-years							MV % 0-19	DCO % 0-19		
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	0-19			0-14	0-19
I LEUKAEMIA	26	243	164	152	144	585	729	34.0	100.0	26.7	100.0	39.5	86.0	41.1	34.5	31.5	53.2	48.3	764	922	97.5	1.0
a. Lymphoid	8	200	128	107	76	443	519	25.8	75.7	19.0	71.2	12.2	70.8	32.1	24.3	16.6	40.5	35.2	581	664	97.9	0.2
b. Acute myeloid	10	23	21	23	37	77	114	4.5	13.2	4.2	15.6	15.2	8.1	5.3	5.2	8.1	6.9	7.2	100	140	99.1	0.9
c. CMD	0	2	3	4	19	9	28	0.5	1.5	1.0	3.8	-	0.7	0.8	0.9	4.2	0.7	1.5	11	32	92.9	3.6
d. MDS & other	6	16	10	15	9	47	56	2.7	8.0	2.1	7.7	9.1	5.7	2.5	3.4	2.0	4.2	3.7	61	71	98.2	1.8
e. Unspecified	2	2	2	3	3	9	12	0.5	1.5	0.4	1.6	3.0	0.7	0.5	0.7	0.7	0.8	0.8	12	15	75.0	25.0
II LYMPHOMA & RELATED	2	22	68	118	226	210	436	12.2	100.0	16.0	100.0	3.0	7.8	17.1	26.8	49.5	15.9	23.5	254	501	97.5	0.5
a. Hodgkin	0	2	24	71	153	97	250	5.6	46.2	9.2	57.3	-	0.7	6.0	16.1	33.5	6.8	12.8	114	281	97.6	0.0
b. Non-Hodgkin except BL	1	14	31	31	56	77	133	4.5	36.7	4.9	30.5	1.5	5.0	7.8	7.0	12.3	6.2	7.6	96	157	97.0	1.5
c. Burkitt (BL)	0	4	11	13	11	28	39	1.6	13.3	1.4	8.9	-	1.4	2.8	2.9	2.4	2.2	2.2	34	46	97.4	0.0
d. Lymphoreticular	0	2	2	0	2	4	6	0.2	1.9	0.2	1.4	-	0.7	0.5	-	0.4	0.4	0.4	5	8	100.0	0.0
e. Unspecified	1	0	0	3	4	4	8	0.2	1.9	0.3	1.8	1.5	-	-	0.7	0.9	0.3	0.4	5	9	100.0	0.0
III CNS NEOPLASMS	16	98	92	58	72	264	336	15.3	100.0	12.3	100.0	24.3	34.7	23.1	13.2	15.8	23.9	22.1	345	424	77.1	3.6
a. Ependymoma	2	27	9	3	4	41	45	2.4	15.5	1.7	13.4	3.0	9.6	2.3	0.7	0.9	4.1	3.4	56	61	97.8	0.0
b. Astrocytoma	4	32	28	30	42	94	136	5.5	35.6	5.0	40.5	6.1	11.3	7.0	6.8	9.2	8.2	8.5	121	167	72.8	6.6
c. CNS embryonal	7	28	33	14	13	82	95	4.8	31.1	3.5	28.3	10.6	9.9	8.3	3.2	2.8	7.5	6.4	108	122	94.7	2.1
d. Other gliomas	3	8	19	10	10	40	50	2.3	15.2	1.8	14.9	4.6	2.8	4.8	2.3	2.2	3.4	3.1	51	62	38.0	2.0
e. Other specified	0	2	2	1	2	5	7	0.3	1.9	0.3	2.1	-	0.7	0.5	0.2	0.4	0.4	0.4	7	9	71.4	0.0
f. Unspecified CNS	0	1	1	0	1	2	3	0.1	0.8	0.1	0.9	-	0.4	0.3	-	0.2	0.2	0.2	3	4	66.7	0.0
IV NEUROBLASTOMA	48	43	13	7	2	111	113	6.5	100.0	4.1	100.0	73.0	15.2	3.3	1.6	0.4	11.6	9.1	155	157	83.2	1.8
a. (Ganglio)neuroblastoma	48	43	13	6	0	110	110	6.4	99.1	4.0	97.3	73.0	15.2	3.3	1.4	-	11.6	9.0	154	154	83.6	1.8
b. Peripheral nervous	0	0	0	1	2	1	3	0.1	0.9	0.1	2.7	-	-	-	0.2	0.4	0.1	0.1	1	3	66.7	0.0
V RETINOBLASTOMA	9	35	1	1	0	46	46	2.7	100.0	1.7	100.0	13.7	12.4	0.3	0.2	-	5.0	3.9	66	66	69.6	0.0
VI RENAL TUMOURS	13	55	22	3	3	93	96	5.4	100.0	3.5	100.0	19.8	19.5	5.5	0.7	0.7	9.5	7.5	129	132	90.6	0.0
a. Nephroblastoma	13	55	20	0	0	88	88	5.1	94.6	3.2	91.7	19.8	19.5	5.0	-	-	9.2	7.1	123	123	89.8	0.0
b. Renal carcinoma	0	0	2	3	3	5	8	0.3	5.4	0.3	8.3	-	-	0.5	0.7	0.7	0.4	0.4	6	9	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	6	13	0	4	6	23	29	1.3	100.0	1.1	100.0	9.1	4.6	-	0.9	1.3	2.4	2.1	32	38	96.6	0.0
a. Hepatoblastoma	6	13	0	1	0	20	20	1.2	87.0	0.7	69.0	9.1	4.6	-	0.2	-	2.2	1.7	28	28	95.0	0.0
b. Hepatic carcinoma	0	0	0	3	6	3	9	0.2	13.0	0.3	31.0	-	-	-	0.7	1.3	0.2	0.4	3	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	7	23	68	76	98	174	5.7	100.0	6.4	100.0	-	2.5	5.8	15.4	16.6	7.1	9.3	116	199	96.0	0.0
a. Osteosarcoma	0	1	10	38	38	49	87	2.8	50.0	3.2	50.0	-	0.4	2.5	8.6	8.3	3.4	4.5	57	99	96.6	0.0
b. Chondrosarcoma	0	0	0	1	6	1	7	0.1	1.0	0.3	4.0	-	-	-	0.2	1.3	0.1	0.3	1	8	100.0	0.0
c. Ewing & related	0	6	12	27	31	45	76	2.6	45.9	2.8	43.7	-	2.1	3.0	6.1	6.8	3.4	4.2	54	88	94.7	0.0
d. Other specified	0	0	1	2	0	3	3	0.2	3.1	0.1	1.7	-	-	0.3	0.5	-	0.2	0.2	4	4	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.0	0.6	-	-	-	-	0.2	-	0.0	-	1	100.0	0.0
IX SOFT TISSUE SARCOMA	11	29	31	47	66	118	184	6.9	100.0	6.7	100.0	16.7	10.3	7.8	10.7	14.5	10.1	11.0	150	222	97.3	1.6
a. Rhabdomyosarcoma	6	23	20	20	21	69	90	4.0	58.5	3.3	48.9	9.1	8.1	5.0	4.5	4.6	6.2	5.8	89	112	96.7	3.3
b. Fibrosarcoma	3	1	1	3	7	8	15	0.5	6.8	0.6	8.2	4.6	0.4	0.3	0.7	1.5	0.7	0.9	10	18	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	7	17	32	27	59	1.6	22.9	2.2	32.1	1.5	0.7	1.8	3.9	7.0	2.0	3.1	32	67	96.6	0.0
e. Unspecified	1	3	3	7	6	14	20	0.8	11.9	0.7	10.9	1.5	1.1	0.8	1.6	1.3	1.1	1.2	17	24	100.0	0.0
X GERM CELL TUMOURS	9	10	11	30	153	60	213	3.5	100.0	7.8	100.0	13.7	3.5	2.8	6.8	33.5	5.0	11.4	75	243	99.5	0.5
a. CNS germ cell	0	0	4	9	7	13	20	0.8	21.7	0.7	9.4	-	-	1.0	2.0	1.5	0.9	1.1	15	23	95.0	5.0
b. Other extragonadal	7	1	1	2	4	11	15	0.6	18.3	0.6	7.0	10.6	0.4	0.3	0.5	0.9	1.1	1.1	15	19	100.0	0.0
c. Gonadal germ cell	2	9	6	17	131	34	165	2.0	56.7	6.1	77.5	3.0	3.2	1.5	3.9	28.7	2.8	8.6	43	186	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	9	0	9	-	-	0.3	4.2	-	-	-	2.0	-	-	0.4	-	10	100.0	0.0
e. Unspecified gonadal	0	0	0	2	2	2	4	0.1	3.3	0.1	1.9	-	-	-	0.5	0.4	0.1	0.2	2	4	100.0	0.0
XI CARCINOMA & MELANOMA	4	6	15	66	250	91	341	5.3	100.0	12.5	100.0	6.1	2.1	3.8	15.0	54.7	6.7	17.5	108	382	95.0	0.6
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	1	5	18	67	24	91	1.4	26.4	3.3	26.7	-	0.4	1.3	4.1	14.7	1.7	4.6	28	101	96.7	0.0
c. Nasopharyngeal	0	0	0	0	4	0	4	-	-	0.1	1.2	-	-	-	-	0.9	-	0.2	-	4	75.0	0.0
d. Melanoma	2	4	6	27	93	39	132	2.3	42.9	4.8	38.7	3.0	1.4	1.5	6.1	20.4	2.9	6.9	47	149	99.2	0.0
e. Skin carcinoma	1	0	3	4	35	8	43	0.5	8.8	1.6	12.6	1.5	-	0.8	0.9	7.7	0.6	2.2	10	48	83.7	0.0
f. Other & unspecified	1	1	1	17	51	20	71	1.2	22.0	2.6	20.8	1.5	0.4	0.3	3.9	11.2	1.4	3.6	23	79	93.0	2.8
XII OTHER & UNSPECIFIED	4	8	4	5	8	21	29	1.2	100.0	1.1	100.0	6.1	2.8	1.0	1.1	1.8	2.0	1.9	28	37	51.7	0.0
a. Other specified	0	2	2	0	0	4	4	0.2	19.0	0.1	13.8	-	0.7	0.5	-	-	0.4	0.3	5	5	100.0	0.0
b. Other unspecified	4	6	2	5	8	17	25	1.0	81.0	0.9	86.2	6.1	2.1	0.5	1.1	1.8	1.6	1.6	23	31	44.0	0.0
TOTAL	148	569	444	559	1006	1720	2726	100.0	100.0	100.0	100.0	225.1	201.4	111.4	126.8	220.3	152.4	167.7	2220	3322	92.9	1.1

Please consult the quality indicators for this registry

GERMANY, Lower Saxony (2003-2012)

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19		
I LEUKAEMIA	17	134	91	91	88	333	421	58.8	54.0	1.3	1.4	9	109	73	61	56	252	308	47.3	42.3				
a. Lymphoid	5	112	71	65	55	253	308	44.9	40.1	1.3	1.5	3	88	57	42	21	190	211	35.9	30.0				
b. Acute myeloid	6	13	11	12	20	42	62	7.4	7.6	1.2	1.2	4	10	10	11	17	35	52	6.3	6.6				
c. CMD	0	1	1	2	8	4	12	0.6	1.3	0.8	0.8	0	1	2	2	11	5	16	0.8	1.8				
d. MDS & other	5	8	6	9	2	28	30	4.9	4.0	1.5	1.2	1	8	4	6	7	19	26	3.5	3.4				
e. Unspecified	1	0	2	3	3	6	9	0.9	1.0	2.0	3.0	1	2	0	0	0	3	3	0.7	0.5				
II LYMPHOMA & RELATED	0	17	50	72	128	139	267	20.8	28.4	2.0	1.6	2	5	18	46	98	71	169	10.8	18.3				
a. Hodgkin	0	2	19	38	79	59	138	8.3	14.0	1.6	1.2	0	0	5	33	74	38	112	5.3	11.6				
b. Non-Hodgkin except BL	0	12	20	21	35	53	88	8.5	9.9	2.2	2.0	1	2	11	10	21	24	45	3.9	5.1				
c. Burkitt (BL)	0	3	9	12	10	24	34	3.6	3.8	6.0	6.8	0	1	2	1	1	4	5	0.7	0.6				
d. Lymphoreticular	0	0	2	0	1	2	3	0.3	0.3	1.0	1.0	0	2	0	0	1	2	3	0.5	0.5				
e. Unspecified	0	0	0	1	3	1	4	0.1	0.4	0.3	1.0	1	0	0	2	1	3	4	0.5	0.5				
III CNS NEOPLASMS	6	56	46	34	36	142	178	25.1	22.9	1.2	1.1	10	42	46	24	36	122	158	22.8	21.3				
a. Ependymoma	1	19	6	2	2	28	30	5.5	4.5	2.2	2.0	1	8	3	1	2	13	15	2.7	2.3				
b. Astrocytoma	1	14	13	15	20	43	63	7.2	7.5	0.8	0.9	3	18	15	15	22	51	73	9.3	9.4				
c. CNS embryonal	3	17	19	10	8	49	57	8.6	7.4	1.5	1.5	4	11	14	4	5	33	38	6.3	5.4				
d. Other gliomas	1	4	7	6	5	18	23	3.0	2.8	0.8	0.9	2	4	12	4	5	22	27	3.9	3.5				
e. Other specified	0	2	1	1	1	4	5	0.7	0.7	4.0	2.5	0	0	1	0	1	1	2	0.2	0.2				
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	1	0	1	2	3	0.4	0.4				
IV NEUROBLASTOMA	26	29	7	3	1	65	66	13.4	10.5	1.4	1.4	22	14	6	4	1	46	47	9.8	7.7				
a. (Ganglio)neuroblastoma	26	29	7	2	0	64	64	13.3	10.3	1.4	1.4	22	14	6	4	0	46	46	9.8	7.6				
b. Peripheral nervous	0	0	0	1	1	1	2	0.1	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1				
V RETINOBLASTOMA	5	20	1	1	0	27	27	5.7	4.4	1.4	1.4	4	15	0	0	0	19	19	4.3	3.4				
VI RENAL TUMOURS	6	26	8	0	2	40	42	8.2	6.5	0.8	0.8	7	29	14	3	1	53	54	10.9	8.6				
a. Nephroblastoma	6	26	7	0	0	39	39	8.0	6.2	0.8	0.8	7	29	13	0	0	49	49	10.4	8.0				
b. Renal carcinoma	0	0	1	0	2	1	3	0.2	0.3	0.3	0.6	0	0	1	3	1	4	5	0.6	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	3	10	0	3	3	16	19	3.2	2.8	2.3	1.9	3	3	0	1	3	7	10	1.5	1.5				
a. Hepatoblastoma	3	10	0	1	0	14	14	2.9	2.3	2.3	2.3	3	3	0	0	0	6	6	1.4	1.1				
b. Hepatic carcinoma	0	0	0	2	3	2	5	0.3	0.5	2.0	1.3	0	0	0	1	3	1	4	0.1	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	4	13	32	56	49	105	7.0	10.8	1.0	1.5	0	3	10	36	20	49	69	7.2	7.6				
a. Osteosarcoma	0	1	6	20	30	27	57	3.7	5.8	1.2	1.9	0	0	4	18	8	22	30	3.1	3.2				
b. Chondrosarcoma	0	0	0	0	4	0	4	-	0.4	0.0	1.3	0	0	0	1	2	1	3	0.1	0.3				
c. Ewing & related	0	3	7	12	21	22	43	3.3	4.6	1.0	1.3	0	3	5	15	10	23	33	3.5	3.8				
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	2	0	3	3	0.4	0.3				
e. Unspecified	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-				
IX SOFT TISSUE SARCOMA	5	14	16	25	45	60	105	9.9	11.9	1.0	1.3	6	15	15	22	21	58	79	10.3	10.1				
a. Rhabdomyosarcoma	2	11	10	9	16	32	48	5.6	5.8	0.9	1.1	4	12	10	11	5	37	42	6.8	5.8				
b. Fibrosarcoma	2	0	0	2	4	4	8	0.7	0.9	1.0	1.1	1	1	1	1	3	4	7	0.8	0.9				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	2	4	12	21	18	39	2.6	4.0	2.0	2.0	1	0	3	5	11	9	20	1.4	2.2				
e. Unspecified	1	1	2	2	4	6	10	1.0	1.2	0.8	1.0	0	2	1	5	2	8	10	1.3	1.2				
X GERM CELL TUMOURS	5	8	0	13	130	26	156	4.5	15.9	0.8	2.7	4	2	11	17	23	34	57	5.5	6.6				
a. CNS germ cell	0	0	0	6	7	6	13	0.8	1.3	0.9	1.9	0	0	4	3	0	7	7	1.1	0.8				
b. Other extragonadal	3	0	0	2	3	5	8	0.9	1.0	0.8	1.1	4	1	1	0	1	6	7	1.3	1.1				
c. Gonadal germ cell	2	8	0	5	116	15	131	2.8	13.3	0.8	3.9	0	1	6	12	15	19	34	2.8	3.7				
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	0.3	-	0.5	0	0	0	0	6	0	6	-	0.6				
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	0	2	1	2	3	0.3	0.3				
XI CARCINOMA & MELANOMA	2	4	8	21	98	35	133	5.3	13.5	0.6	0.6	2	2	7	45	152	56	208	8.2	21.7				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	1	3	1	17	5	22	0.8	2.3	0.3	0.3	0	0	2	17	50	19	69	2.6	7.1				
c. Nasopharyngeal	0	0	0	0	4	0	4	-	0.4	-	-	0	0	0	0	0	0	0	-	-				
d. Melanoma	1	2	2	11	34	16	50	2.4	5.1	0.7	0.6	1	2	4	16	59	23	82	3.5	8.7				
e. Skin carcinoma	0	0	2	3	20	5	25	0.7	2.5	1.7	1.4	1	0	1	1	15	3	18	0.5	1.9				
f. Other & unspecified	1	1	1	6	23	9	32	1.4	3.3	0.8	0.8	0	0	0	11	28	11	39	1.5	4.0				
XII OTHER & UNSPECIFIED	2	4	2	2	2	10	12	1.9	1.6	0.9	0.7	2	4	2	3	6	11	17	2.1	2.2				
a. Other specified	0	1	1	0	0	2	2	0.4	0.3	1.0	1.0	0	1	1	0	0	2	2	0.4	0.3				
b. Other unspecified	2	3	1	2	2	8	10	1.5	1.4	0.9	0.7	2	3	1	3	6	9	15	1.7	1.9				
TOTAL	77	326	242	297	589	942	1531	163.7	183.3	1.2	1.3	71	243	202	262	417	778	1195	140.6	151.3				

Please consult the quality indicators for this registry

GERMANY, Lower Saxony (2003-2012)

	Age group	Males	Females
Person-years	0	337 243	320 332
	1-4	1 449 047	1 375 819
	5-9	2 044 388	1 943 005
	10-14	2 261 141	2 146 052
	15-19	2 348 290	2 219 129
Total	0-14	6 091 819	5 785 208
	0-19	8 440 109	8 004 337
Average annual population	0-14	609 182	578 521
	0-19	844 011	800 434

Please consult the quality indicators for this registry