

GERMANY, 5 Western registries (1994-2012)

	Number of cases								Percentage				Incidence rates per million person-years								MV %	DCO %		
	Age group								0-14		0-19		Age-specific					ASR					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	122	1033	684	589	553	2428	2981	32.5	100.0	26.0	100.0	42.8	86.1	41.3	32.5	29.6	52.9	47.6	758	906	91.8	2.5		
a. Lymphoid	49	873	562	382	291	1866	2157	25.0	76.9	18.8	72.4	17.2	72.7	33.9	21.1	15.6	41.1	35.4	585	663	92.2	1.6		
b. Acute myeloid	47	107	69	99	132	322	454	4.3	13.3	4.0	15.2	16.5	8.9	4.2	5.5	7.1	6.9	7.0	100	135	92.1	3.3		
c. CMD	2	3	11	23	66	39	105	0.5	1.6	0.9	3.5	0.7	0.2	0.7	1.3	3.5	0.7	1.3	11	29	93.3	3.8		
d. MDS & other	18	40	32	70	47	160	207	2.1	6.6	1.8	6.9	6.3	3.3	1.9	3.9	2.5	3.3	3.1	49	61	94.7	1.9		
e. Unspecified	6	10	10	15	17	41	58	0.5	1.7	0.5	1.9	2.1	0.8	0.6	0.8	0.9	0.9	0.9	13	17	65.5	27.6		
II LYMPHOMA & RELATED	16	102	298	496	942	912	1854	12.2	100.0	16.1	100.0	5.6	8.5	18.0	27.4	50.4	16.8	24.4	267	519	97.1	0.9		
a. Hodgkin	0	14	82	270	645	366	1011	4.9	40.1	8.8	54.5	-	1.2	4.9	14.9	34.5	6.3	12.6	104	277	98.7	0.0		
b. Non-Hodgkin except BL	4	48	127	141	228	320	548	4.3	35.1	4.8	29.6	1.4	4.0	7.7	7.8	12.2	6.1	7.5	95	156	95.4	2.4		
c. Burkitt (BL)	1	23	71	61	42	156	198	2.1	17.1	1.7	10.7	0.4	1.9	4.3	3.4	2.2	3.0	2.8	46	58	96.5	0.5		
d. Lymphoreticular	10	16	15	16	17	57	74	0.8	6.3	0.6	4.0	3.5	1.3	0.9	0.9	0.9	1.2	1.2	18	22	95.9	0.0		
e. Unspecified	1	1	3	8	10	13	23	0.2	1.4	0.2	1.2	0.4	0.1	0.2	0.4	0.5	0.2	0.3	4	6	73.9	8.7		
III CNS NEOPLASMS †	102	473	495	483	421	1553	1974	20.8	100.0	17.2	100.0	35.8	39.4	29.9	26.7	22.5	32.4	30.1	476	589	83.7	3.1		
a. Ependymoma	18	88	39	35	27	180	207	2.4	11.6	1.8	10.5	6.3	7.3	2.4	1.9	1.4	4.1	3.5	57	64	98.1	0.0		
b. Astrocytoma	20	178	195	252	213	645	858	8.6	41.5	7.5	43.5	7.0	14.8	11.8	13.9	11.4	13.0	12.6	195	252	89.0	1.7		
c. CNS embryonal	35	112	126	60	40	333	373	4.5	21.4	3.2	18.9	12.3	9.3	7.6	3.3	2.1	7.2	6.1	104	115	95.4	0.8		
d. Other gliomas	11	37	73	49	32	170	202	2.3	10.9	1.8	10.2	3.9	3.1	4.4	2.7	1.7	3.5	3.1	52	60	56.9	1.0		
e. Other specified	5	34	37	58	87	134	221	1.8	8.6	1.9	11.2	1.8	2.8	2.2	3.2	4.7	2.7	3.1	40	64	89.6	0.0		
f. Unspecified CNS	13	24	25	29	22	91	113	1.2	5.9	1.0	5.7	4.6	2.0	1.5	1.6	1.2	1.9	1.7	28	34	14.2	36.3		
IV NEUROBLASTOMA	213	213	50	22	14	498	512	6.7	100.0	4.5	100.0	74.8	17.7	3.0	1.2	0.7	12.4	9.8	165	168	88.7	1.8		
a. (Ganglio)neuroblastoma	213	209	48	18	3	488	491	6.5	98.0	4.3	95.9	74.8	17.4	2.9	1.0	0.2	12.2	9.5	162	162	88.4	1.8		
b. Peripheral nervous	0	4	2	4	11	10	21	0.1	2.0	0.2	4.1	-	0.3	0.1	0.2	0.6	0.2	0.3	3	6	95.2	0.0		
V RETINOBLASTOMA	54	83	9	1	0	147	147	2.0	100.0	1.3	100.0	19.0	6.9	0.5	0.1	-	3.8	2.9	49	49	63.9	0.0		
VI RENAL TUMOURS	59	219	80	22	17	380	397	5.1	100.0	3.5	100.0	20.7	18.2	4.8	1.2	0.9	9.2	7.3	124	128	79.6	1.3		
a. Nephroblastoma	58	216	75	15	3	364	367	4.9	95.8	3.2	92.4	20.4	18.0	4.5	0.8	0.2	8.8	6.9	119	120	79.0	1.1		
b. Renal carcinoma	0	1	4	7	14	12	26	0.2	3.2	0.2	6.5	-	0.1	0.2	0.4	0.7	0.2	0.3	3	7	100.0	0.0		
c. Unspecified	1	2	1	0	0	4	4	0.1	1.1	0.0	1.0	0.4	0.2	0.1	-	-	0.1	0.1	1	1	0.0	25.0		
VII HEPATIC TUMOURS	26	49	8	16	17	99	116	1.3	100.0	1.0	100.0	9.1	4.1	0.5	0.9	0.9	2.4	2.0	32	37	90.5	0.9		
a. Hepatoblastoma	26	46	3	7	2	82	84	1.1	82.8	0.7	72.4	9.1	3.8	0.2	0.4	0.1	2.0	1.6	27	28	90.5	0.0		
b. Hepatic carcinoma	0	3	5	9	15	17	32	0.2	17.2	0.3	27.6	-	0.2	0.3	0.5	0.8	0.3	0.4	5	9	90.6	3.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
VIII BONE TUMOURS	0	28	87	266	292	381	673	5.1	100.0	5.9	100.0	-	2.3	5.2	14.7	15.6	6.7	8.7	109	187	95.8	0.9		
a. Osteosarcoma	0	6	37	138	151	181	332	2.4	47.5	2.9	49.3	-	0.5	2.2	7.6	8.1	3.1	4.2	51	92	97.9	0.0		
b. Chondrosarcoma	0	1	0	7	17	8	25	0.1	2.1	0.2	3.7	-	0.1	-	0.4	0.9	0.1	0.3	2	7	100.0	0.0		
c. Ewing & related	0	21	46	104	110	171	281	2.3	44.9	2.4	41.8	-	1.7	2.8	5.7	5.9	3.1	3.7	50	79	96.1	0.4		
d. Other specified	0	0	4	9	8	13	21	0.2	3.4	0.2	3.1	-	-	0.2	0.5	0.4	0.2	0.3	4	6	100.0	0.0		
e. Unspecified	0	0	0	8	6	8	14	0.1	2.1	0.1	2.1	-	-	-	0.4	0.3	0.1	0.2	2	4	28.6	35.7		
IX SOFT TISSUE SARCOMA	43	130	128	150	230	451	681	6.0	100.0	5.9	100.0	15.1	10.8	7.7	8.3	12.3	9.4	10.1	138	200	94.7	1.3		
a. Rhabdomyosarcoma	16	100	79	55	59	250	309	3.3	55.4	2.7	45.4	5.6	8.3	4.8	3.0	3.2	5.4	4.9	78	94	95.1	1.3		
b. Fibrosarcoma	13	6	12	16	34	47	81	0.6	10.4	0.7	11.9	4.6	0.5	0.7	0.9	1.8	1.0	1.2	14	24	97.5	1.2		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.0	0.1	-	-	-	-	0.1	-	0.0	-	0	0.0	0.0		
d. Other specified	5	12	27	61	104	105	209	1.4	23.3	1.8	30.7	1.8	1.0	1.6	3.4	5.6	1.9	2.8	31	59	96.7	0.0		
e. Unspecified	9	12	10	18	32	49	81	0.7	10.9	0.7	11.9	3.2	1.0	0.6	1.0	1.7	1.0	1.2	15	24	86.4	4.9		
X GERM CELL TUMOURS	43	40	38	106	567	227	794	3.0	100.0	6.9	100.0	15.1	3.3	2.3	5.9	30.3	4.6	10.4	69	220	95.1	0.6		
a. CNS germ cell ‡	2	0	10	38	35	50	85	0.7	22.0	0.7	10.7	0.7	-	0.6	2.1	1.9	0.9	1.1	14	24	87.1	3.5		
b. Other extragonadal	27	17	3	6	7	53	60	0.7	23.3	0.5	7.6	9.5	1.4	0.2	0.3	0.4	1.3	1.1	17	19	93.3	1.7		
c. Gonadal germ cell	13	23	24	54	462	114	576	1.5	50.2	5.0	72.5	4.6	1.9	1.4	3.0	24.7	2.3	7.3	34	158	99.1	0.0		
d. Gonadal carcinoma	0	0	0	4	41	4	45	0.1	1.8	0.4	5.7	-	-	-	0.2	2.2	0.1	0.5	1	12	95.6	0.0		
e. Unspecified gonadal	1	0	1	4	22	6	28	0.1	2.6	0.2	3.5	0.4	-	0.1	0.2	1.2	0.1	0.3	2	8	39.3	3.6		
XI CARCINOMA & MELANOMA	6	20	61	264	936	351	1287	4.7	100.0	11.2	100.0	2.1	1.7	3.7	14.6	50.1	6.1	16.0	100	350	97.4	0.3		
a. Adrenocortical	0	4	3	1	5	8	13	0.1	2.3	0.1	1.0	-	0.3	0.2	0.1	0.3	0.2	0.2	3	4	84.6	0.0		
b. Thyroid	0	1	19	84	263	104	367	1.4	29.6	3.2	28.5	-	0.1	1.1	4.6	14.1	1.7	4.5	29	100	97.0	0.3		
c. Nasopharyngeal	0	0	1	3	12	4	16	0.1	1.1	0.1	1.2	-	-	0.1	0.2	0.6	0.1	0.2	1	4	87.5	0.0		
d. Melanoma	3	11	23	76	340	113	453	1.5	32.2	3.9	35.2	1.1	0.9	1.4	4.2	18.2	2.0	5.7	33	124	99.1	0.0		
e. Skin carcinoma	2	3	5	24	90	34	124	0.5	9.7	1.1	9.6	0.7	0.2	0.3	1.3	4.8	0.6	1.6	10	34	93.5	0.0		
f. Other & unspecified	1	1	10	76	226	88	314	1.2	25.1	2.7	24.4	0.4	0.1	0.6	4.2	12.1	1.5	3.9	25	85	97.8	1.0		
XII OTHER & UNSPECIFIED	11	14	8	11	20	44	64	0.6	100.0	0.6	100.0	3.9	1.2	0.5	0.6	1.1	1.0	1.0	14	19	45.3	26.6		
a. Other specified	2	5	3	1	7	11	18	0.1	25.0	0.2	28.1	0.7	0.4	0.2	0.1	0.4	0.3	0.3	4	5	100.0	0.0		
b. Other unspecified	9	9	5	10	13	33	46	0.4	75.0	0.4	71.9	3.2	0.7	0.3	0.6	0.7	0.7	0.7	10	14	23.9	37.0		
TOTAL §	695	2404	1946	2426	4009	7471	11480	100.0	100.0	100.0	100.0	244.0	200.3	117.4	133.9	214.5	157.5	170.4	2300	3373	91.3	1.8		

† includes 587 non-malignant ‡ includes 1 non-malignant

§ includes 3 with sex unknown

Please consult the quality indicators for the constituent registries

GERMANY, 5 Western registries (1994-2012)

	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	61	573	387	349	339	1370	1709	57.8	52.7	1.3	1.3	61	460	297	239	214	1057	1271	47.6	42.2				
a. Lymphoid	25	487	314	231	194	1057	1251	45.1	39.5	1.3	1.4	24	386	248	151	97	809	906	36.8	30.9				
b. Acute myeloid	22	56	37	55	67	170	237	7.1	7.1	1.1	1.1	25	51	32	43	65	151	216	6.8	6.8				
c. CMD	1	1	5	12	37	19	56	0.7	1.4	0.9	1.1	1	2	6	11	29	20	49	0.8	1.3				
d. MDS & other	11	25	22	40	28	98	126	3.9	3.7	1.6	1.6	7	15	10	30	19	62	81	2.6	2.5				
e. Unspecified	2	4	9	11	13	26	39	1.0	1.1	1.7	2.1	4	6	1	4	4	15	19	0.7	0.6				
II LYMPHOMA & RELATED	7	72	215	300	510	594	1104	21.5	28.7	1.9	1.5	9	30	82	196	432	317	749	11.8	19.8				
a. Hodgkin	0	12	61	144	309	217	526	7.4	13.0	1.5	1.1	0	2	21	126	336	149	485	5.1	12.3				
b. Non-Hodgkin except BL	2	34	83	93	149	212	361	7.9	9.6	2.0	1.9	2	14	43	48	79	107	186	4.2	5.2				
c. Burkitt (BL)	0	19	58	46	36	123	159	4.6	4.4	3.7	4.1	1	4	13	15	6	33	39	1.3	1.1				
d. Lymphoreticular	5	7	10	13	10	35	45	1.4	1.3	1.6	1.6	5	9	5	3	7	22	29	1.0	1.0				
e. Unspecified	0	0	3	4	6	7	13	0.2	0.3	1.2	1.3	1	1	0	4	4	6	10	0.2	0.3				
III CNS NEOPLASMS †	56	252	285	267	223	860	1083	34.8	32.2	1.2	1.2	46	221	210	215	198	692	890	29.8	28.0				
a. Ependymoma	8	49	20	22	12	99	111	4.3	3.6	1.2	1.2	10	39	19	13	15	81	96	3.8	3.3				
b. Astrocytoma	8	86	108	113	112	315	427	12.4	12.2	1.0	1.0	12	92	87	139	101	330	431	13.6	13.1				
c. CNS embryonal	25	69	81	35	27	210	237	8.9	7.6	1.7	1.7	10	43	45	25	13	123	136	5.5	4.6				
d. Other gliomas	5	16	37	32	17	90	107	3.5	3.1	1.1	1.1	6	21	36	17	15	80	95	3.4	3.0				
e. Other specified	2	22	23	40	43	87	130	3.3	3.6	1.9	1.4	3	12	14	17	44	46	90	1.9	2.6				
f. Unspecified CNS	8	10	16	25	12	59	71	2.3	2.1	1.8	1.7	5	14	9	4	10	32	42	1.5	1.4				
IV NEUROBLASTOMA	131	126	22	9	5	288	293	14.2	11.1	1.4	1.3	82	87	28	13	9	210	219	10.6	8.4				
a. (Ganglio)neuroblastoma	131	124	21	8	1	284	285	14.0	10.9	1.4	1.4	82	85	27	10	2	204	206	10.4	8.1				
b. Peripheral nervous	0	2	1	1	4	4	8	0.2	0.2	0.7	0.6	0	2	1	3	7	6	13	0.2	0.4				
V RETINOBLASTOMA	29	45	5	1	0	80	80	4.0	3.1	1.2	1.2	25	38	4	0	0	67	67	3.5	2.7				
VI RENAL TUMOURS	28	96	41	10	6	175	181	8.2	6.5	0.9	0.8	31	123	39	12	11	205	216	10.2	8.2				
a. Nephroblastoma	28	94	39	6	0	167	167	7.9	6.1	0.8	0.8	30	122	36	9	3	197	200	9.9	7.7				
b. Renal carcinoma	0	1	2	4	6	7	13	0.3	0.3	1.4	1.0	0	0	2	3	8	5	13	0.2	0.3				
c. Unspecified	0	1	0	0	0	1	1	0.1	0.0	0.3	0.3	1	1	1	0	0	3	3	0.1	0.1				
VII HEPATIC TUMOURS	16	25	4	11	7	56	63	2.6	2.2	1.3	1.2	10	24	4	5	10	43	53	2.1	1.9				
a. Hepatoblastoma	16	24	1	4	2	45	47	2.2	1.7	1.2	1.3	10	22	2	3	0	37	37	1.9	1.5				
b. Hepatic carcinoma	0	1	3	7	5	11	16	0.4	0.4	1.8	1.0	0	2	2	2	10	6	16	0.3	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	12	51	136	195	199	394	6.8	9.8	1.1	1.4	0	16	36	130	97	182	279	6.6	7.5				
a. Osteosarcoma	0	4	18	68	106	90	196	3.0	4.8	1.0	1.4	0	2	19	70	45	91	136	3.2	3.6				
b. Chondrosarcoma	0	0	0	4	12	4	16	0.1	0.4	1.0	1.8	0	1	0	3	5	4	9	0.2	0.2				
c. Ewing & related	0	8	31	57	70	96	166	3.4	4.2	1.3	1.4	0	13	15	47	40	75	115	2.8	3.2				
d. Other specified	0	0	2	2	3	4	7	0.1	0.2	0.4	0.5	0	0	2	7	5	9	14	0.3	0.4				
e. Unspecified	0	0	0	5	4	5	9	0.2	0.2	1.7	1.8	0	0	0	3	2	3	5	0.1	0.1				
IX SOFT TISSUE SARCOMA	24	75	70	79	130	248	378	10.2	10.9	1.2	1.2	19	55	58	71	100	203	303	8.6	9.2				
a. Rhabdomyosarcoma	4	62	43	26	41	135	176	5.8	5.5	1.2	1.3	12	38	36	29	18	115	133	5.1	4.4				
b. Fibrosarcoma	10	2	6	9	12	27	39	1.1	1.1	1.4	0.9	3	4	6	7	22	20	42	0.8	1.2				
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.0	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	7	18	37	55	65	120	2.3	3.1	1.6	1.3	2	5	9	24	49	40	89	1.5	2.4				
e. Unspecified	7	4	3	7	21	21	42	0.9	1.2	0.8	1.1	2	8	7	11	11	28	39	1.2	1.2				
X GERM CELL TUMOURS	22	24	6	47	463	99	562	4.0	14.0	0.8	2.4	21	16	32	59	104	128	232	5.2	6.6				
a. CNS germ cell ‡	0	0	4	24	30	28	58	0.9	1.4	1.3	2.1	2	0	6	14	5	22	27	0.8	0.7				
b. Other extragonadal	8	7	1	5	5	21	26	1.0	0.9	0.7	0.8	19	10	2	1	2	32	34	1.7	1.3				
c. Gonadal germ cell	13	17	0	18	391	48	439	2.1	10.8	0.7	3.2	0	6	24	36	71	66	137	2.5	3.7				
d. Gonadal carcinoma	0	0	0	0	21	0	21	-	0.5	0.0	0.9	0	0	0	4	20	4	24	0.1	0.6				
e. Unspecified gonadal	1	0	1	0	16	2	18	0.1	0.4	0.5	1.8	0	0	0	4	6	4	10	0.1	0.3				
XI CARCINOMA & MELANOMA	2	10	25	100	342	137	479	4.7	11.7	0.6	0.6	4	10	36	164	594	214	808	7.6	20.6				
a. Adrenocortical	0	1	0	0	2	1	3	0.1	0.1	0.1	0.3	0	3	3	1	3	7	10	0.3	0.3				
b. Thyroid	0	1	7	17	65	25	90	0.8	2.2	0.3	0.3	0	0	12	67	198	79	277	2.7	7.0				
c. Nasopharyngeal	0	0	1	2	10	3	13	0.1	0.3	3.0	4.3	0	0	0	1	2	1	3	0.0	0.1				
d. Melanoma	1	5	9	36	139	51	190	1.8	4.6	0.8	0.7	2	6	14	40	201	62	263	2.3	6.8				
e. Skin carcinoma	0	2	3	14	36	19	55	0.7	1.4	1.3	0.8	2	1	2	10	54	15	69	0.6	1.8				
f. Other & unspecified	1	1	5	31	90	38	128	1.3	3.1	0.8	0.7	0	0	5	45	136	50	186	1.7	4.7				
XII OTHER & UNSPECIFIED	5	9	4	6	8	24	32	1.1	1.0	1.2	1.0	6	5	4	5	12	20	32	0.9	1.0				
a. Other specified	0	4	1	0	3	5	8	0.2	0.3	0.8	0.8	2	1	2	1	4	6	10	0.3	0.3				
b. Other unspecified	5	5	3	6	5	19	24	0.8	0.7	1.4	1.1	4	4	2	4	8	14	22	0.6	0.7				
TOTAL	381	1319	1115	1315	2228	4130	6358	169.7	183.8	1.2	1.2	314	1085	830	1109	1781	3338	5119	144.6	156.1				

† includes 306 non-malignant in males and 280 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for the constituent registries

GERMANY, 5 Western registries (1994-2012)

	Age group	Males	Females
Person-years	0	1 461 834	1 386 271
	1-4	6 160 257	5 842 178
	5-9	8 501 326	8 072 856
	10-14	9 295 544	8 818 752
	15-19	9 586 973	9 103 531
Total	0-14	25 418 961	24 120 057
	0-19	35 005 934	33 223 588
Average annual population	0-14	1 337 840	1 269 477
	0-19	1 842 418	1 748 610

Please consult the quality indicators for the constituent registries

GERMANY, 5 Western registries (1994-2012)

Registry	Period	Cases	%	Person-years	%
Bavaria	2002-2012	4695	40.9	27 913 471	40.9
Lower Saxony	2003-2012	2726	23.7	16 444 446	24.1
Rhine-Pfalz	1998-2012	2079	18.1	12 555 083	18.4
Saarland	1994-2012	659	5.7	3 846 375	5.6
Schleswig-Holstein	2000-2012	1321	11.5	7 470 147	10.9
GERMANY	1994-2012	11480	100.0	68 229 522	100.0

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