

## USA, Georgia, NH White (1998-2012)

	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
<b>I LEUKAEMIA</b>	43	352	192	137	184	724	908	28.2	100.0	23.6	100.0	43.6	88.9	38.3	26.3	35.4	50.9	47.4	722	899	96.7	0.6
a. Lymphoid	18	301	160	86	97	565	662	22.0	78.0	17.2	72.9	18.2	76.0	31.9	16.5	18.7	40.0	35.2	564	658	98.2	0.6
b. Acute myeloid	13	39	25	36	60	113	173	4.4	15.6	4.5	19.1	13.2	9.8	5.0	6.9	11.5	7.7	8.5	112	170	97.1	0.0
c. CMD	5	5	1	8	18	19	37	0.7	2.6	1.0	4.1	5.1	1.3	0.2	1.5	3.5	1.3	1.8	19	36	70.3	0.0
d. MDS & other	6	4	3	4	5	17	22	0.7	2.3	0.6	2.4	6.1	1.0	0.6	0.8	1.0	1.2	1.1	17	22	100.0	0.0
e. Unspecified	1	3	3	3	4	10	14	0.4	1.4	0.4	1.5	1.0	0.8	0.6	0.6	0.8	0.7	0.7	10	14	85.7	7.1
<b>II LYMPHOMA &amp; RELATED</b>	1	52	84	116	273	253	526	9.9	100.0	13.7	100.0	1.0	13.1	16.8	22.2	52.5	16.0	24.2	248	511	99.4	0.2
a. Hodgkin	0	6	19	52	179	77	256	3.0	30.4	6.7	48.7	-	1.5	3.8	10.0	34.4	4.6	11.3	75	247	99.2	0.4
b. Non-Hodgkin except BL	0	30	33	47	72	110	182	4.3	43.5	4.7	34.6	-	7.6	6.6	9.0	13.8	7.1	8.6	108	177	99.5	0.0
c. Burkitt (BL)	0	9	27	12	16	48	64	1.9	19.0	1.7	12.2	-	2.3	5.4	2.3	3.1	3.1	3.1	48	63	100.0	0.0
d. Lymphoreticular	1	7	4	4	4	16	20	0.6	6.3	0.5	3.8	1.0	1.8	0.8	0.8	0.8	1.1	1.0	16	20	100.0	0.0
e. Unspecified	0	0	1	1	2	2	4	0.1	0.8	0.1	0.8	-	-	0.2	0.2	0.4	0.1	0.2	2	4	100.0	0.0
<b>III CNS NEOPLASMS †</b>	40	211	209	229	234	689	923	26.8	100.0	24.0	100.0	40.5	53.3	41.7	43.9	45.0	45.8	45.6	682	906	80.3	0.5
a. Ependymoma	6	32	8	18	16	64	80	2.5	9.3	2.1	8.7	6.1	8.1	1.6	3.5	3.1	4.5	4.2	64	79	98.8	0.0
b. Astrocytoma	13	94	91	103	82	301	383	11.7	43.7	10.0	41.5	13.2	23.7	18.1	19.7	15.8	20.0	19.0	298	376	88.0	0.0
c. CNS embryonal	14	45	49	24	15	132	147	5.1	19.2	3.8	15.9	14.2	11.4	9.8	4.6	2.9	9.1	7.7	131	146	99.3	0.0
d. Other gliomas	3	19	33	26	26	81	107	3.2	11.8	2.8	11.6	3.0	4.8	6.6	5.0	5.0	5.3	5.2	80	105	99.3	0.0
e. Other specified	3	16	22	51	88	92	180	3.6	13.4	4.7	19.5	3.0	4.0	4.4	9.8	16.9	5.7	8.3	90	175	70.6	1.1
f. Unspecified CNS	1	5	6	7	7	19	26	0.7	2.8	0.7	2.8	1.0	1.3	1.2	1.3	1.3	1.2	1.3	19	25	38.5	11.5
<b>IV NEUROBLASTOMA</b>	67	103	27	8	6	205	211	8.0	100.0	5.5	100.0	67.9	26.0	5.4	1.5	1.2	15.5	12.3	206	212	98.1	0.0
a. (Ganglio)neuroblastoma	67	103	27	6	3	203	206	7.9	99.0	5.4	97.6	67.9	26.0	5.4	1.2	0.6	15.4	12.0	204	207	98.1	0.0
b. Peripheral nervous	0	0	0	2	3	2	5	0.1	1.0	0.1	2.4	-	-	-	0.4	0.6	0.1	0.2	2	5	100.0	0.0
<b>V RETINOBLASTOMA</b>	29	43	0	0	0	72	72	2.8	100.0	1.9	100.0	29.4	10.9	-	-	-	5.6	4.4	73	73	90.3	0.0
<b>VI RENAL TUMOURS</b>	14	83	27	4	13	128	141	5.0	100.0	3.7	100.0	14.2	21.0	5.4	0.8	2.5	9.5	8.0	129	141	99.3	0.0
a. Nephroblastoma	13	82	25	2	2	122	124	4.8	95.3	3.2	87.9	13.2	20.7	5.0	0.4	0.4	9.2	7.2	123	125	99.2	0.0
b. Renal carcinoma	1	1	2	2	11	6	17	0.2	4.7	0.4	12.1	1.0	0.3	0.4	0.4	2.1	0.4	0.8	6	17	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	6	21	3	4	5	34	39	1.3	100.0	1.0	100.0	6.1	5.3	0.6	0.8	1.0	2.5	2.2	34	39	100.0	0.0
a. Hepatoblastoma	6	21	3	1	1	31	32	1.2	91.2	0.8	82.1	6.1	5.3	0.6	0.2	0.2	2.4	1.9	31	32	100.0	0.0
b. Hepatic carcinoma	0	0	0	3	4	3	7	0.1	8.8	0.2	17.9	-	-	-	0.6	0.8	0.2	0.3	3	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	4	9	25	63	81	101	182	3.9	100.0	4.7	100.0	4.1	2.3	5.0	12.1	15.6	6.1	8.3	98	176	98.4	1.6
a. Osteosarcoma	1	2	4	36	34	43	77	1.7	42.6	2.0	42.3	1.0	0.5	0.8	6.9	6.5	2.5	3.4	42	74	100.0	0.0
b. Chondrosarcoma	0	0	1	0	5	1	6	0.0	1.0	0.2	3.3	-	-	0.2	-	1.0	0.1	0.3	1	6	100.0	0.0
c. Ewing & related	1	7	19	25	35	52	87	2.0	51.5	2.3	47.8	1.0	1.8	3.8	4.8	6.7	3.2	4.0	51	85	100.0	0.0
d. Other specified	0	0	1	2	3	3	6	0.1	3.0	0.2	3.3	-	-	0.2	0.4	0.6	0.2	0.3	3	6	100.0	0.0
e. Unspecified	2	0	0	0	4	2	6	0.1	2.0	0.2	3.3	2.0	-	-	-	0.8	0.2	0.3	2	6	50.0	50.0
<b>IX SOFT TISSUE SARCOMA</b>	18	53	39	66	71	176	247	6.9	100.0	6.4	100.0	18.2	13.4	7.8	12.7	13.7	11.7	12.2	174	242	100.0	0.0
a. Rhabdomyosarcoma	5	34	23	15	13	77	90	3.0	43.8	2.3	36.4	5.1	8.6	4.6	2.9	2.5	5.4	4.7	77	89	100.0	0.0
b. Fibrosarcoma	8	2	5	9	8	24	32	0.9	13.6	0.8	13.0	8.1	0.5	1.0	1.7	1.5	1.6	1.6	24	31	100.0	0.0
c. Kaposi sarcoma	0	0	1	0	0	1	1	0.0	0.6	0.0	0.4	-	-	0.2	-	-	0.1	0.0	1	1	100.0	0.0
d. Other specified	3	12	7	27	39	49	88	1.9	27.8	2.3	35.6	3.0	3.0	1.4	5.2	7.5	3.1	4.1	48	86	100.0	0.0
e. Unspecified	2	5	3	15	11	25	36	1.0	14.2	0.9	14.6	2.0	1.3	0.6	2.9	2.1	1.6	1.7	24	35	100.0	0.0
<b>X GERM CELL TUMOURS</b>	18	17	12	35	124	82	206	3.2	100.0	5.4	100.0	18.2	4.3	2.4	6.7	23.8	5.5	9.6	81	200	94.2	0.0
a. CNS germ cell ‡	3	3	8	16	12	30	42	1.2	36.6	1.1	20.4	3.0	0.8	1.6	3.1	2.3	1.9	2.0	29	41	71.4	0.0
b. Other extragonadal	13	8	0	2	5	23	28	0.9	28.0	0.7	13.6	13.2	2.0	-	0.4	1.0	1.8	1.6	23	28	100.0	0.0
c. Gonadal germ cell	2	6	4	15	98	27	125	1.1	32.9	3.3	60.7	2.0	1.5	0.8	2.9	18.8	1.7	5.6	26	121	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	9	2	11	0.1	2.4	0.3	5.3	-	-	-	0.4	1.7	0.1	0.5	2	11	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>XI CARCINOMA &amp; MELANOMA</b>	2	4	24	68	281	98	379	3.8	100.0	9.9	100.0	2.0	1.0	4.8	13.0	54.0	5.8	16.6	95	365	99.7	0.0
a. Adrenocortical	1	2	3	1	1	7	8	0.3	7.1	0.2	2.1	1.0	0.5	0.6	0.2	0.2	0.5	0.4	7	8	100.0	0.0
b. Thyroid	0	1	12	28	118	41	159	1.6	41.8	4.1	42.0	-	0.3	2.4	5.4	22.7	2.4	7.0	40	153	100.0	0.0
c. Nasopharyngeal	0	0	0	0	6	0	6	-	-	0.2	1.6	-	-	-	-	1.2	-	0.3	-	6	100.0	0.0
d. Melanoma	1	1	6	19	113	27	140	1.1	27.6	3.6	36.9	1.0	0.3	1.2	3.6	21.7	1.6	6.1	26	135	99.3	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	3	20	43	23	66	0.9	23.5	1.7	17.4	-	-	0.6	3.8	8.3	1.3	2.9	22	63	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	1	2	5	5	10	0.2	100.0	0.3	100.0	-	0.5	0.2	0.4	1.0	0.3	0.5	5	10	90.0	10.0
a. Other specified	0	2	0	1	5	3	8	0.1	60.0	0.2	80.0	-	0.5	-	0.2	1.0	0.2	0.4	3	8	100.0	0.0
b. Other unspecified	0	0	1	1	0	2	2	0.1	40.0	0.1	20.0	-	-	0.2	0.2	-	0.1	0.1	2	2	50.0	50.0
<b>TOTAL</b>	242	950	643	732	1277	2567	3844	100.0	100.0	100.0	100.0	245.3	239.9	128.2	140.3	245.5	175.4	191.2	2547	3775	93.7	0.4

† includes 221 non-malignant ‡ includes 5 non-malignant

Please consult the quality indicators for this registry

## USA, Georgia, NH White (1998-2012)

	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		
<b>I LEUKAEMIA</b>	19	181	102	84	111	386	497	52.5	50.0	1.1	1.2	24	171	90	53	73	338	411	49.2	44.7				
a. Lymphoid	8	155	86	53	67	302	369	41.4	37.7	1.1	1.3	10	146	74	33	30	263	293	38.6	32.6				
b. Acute myeloid	6	17	13	21	28	57	85	7.4	8.1	1.0	1.0	7	22	12	15	32	56	88	8.0	9.0				
c. CMD	2	4	0	4	10	10	20	1.3	1.9	1.1	1.2	3	1	1	4	8	9	17	1.2	1.7				
d. MDS & other	2	3	2	4	4	11	15	1.4	1.5	1.8	2.1	4	1	1	0	1	6	7	0.9	0.8				
e. Unspecified	1	2	1	2	2	6	8	0.8	0.8	1.5	1.3	0	1	2	1	2	4	6	0.5	0.6				
<b>II LYMPHOMA &amp; RELATED</b>	1	39	64	82	155	186	341	23.0	30.8	2.8	1.8	0	13	20	34	118	67	185	8.6	17.2				
a. Hodgkin	0	5	14	37	89	56	145	6.5	12.5	2.7	1.3	0	1	5	15	90	21	111	2.5	10.0				
b. Non-Hodgkin except BL	0	23	22	32	50	77	127	9.7	11.7	2.3	2.3	0	7	11	15	22	33	55	4.3	5.3				
c. Burkitt (BL)	0	7	25	10	13	42	55	5.3	5.2	7.0	6.1	0	2	2	2	3	6	9	0.8	0.9				
d. Lymphoreticular	1	4	2	2	2	9	11	1.2	1.1	1.3	1.2	0	3	2	2	2	7	9	1.0	0.9				
e. Unspecified	0	0	1	1	1	2	3	0.2	0.3	-	3.0	0	0	0	0	1	0	1	-	0.1				
<b>III CNS NEOPLASMS †</b>	22	114	111	121	118	368	486	47.8	47.0	1.1	1.1	18	97	98	108	116	321	437	43.7	44.3				
a. Ependymoma	3	17	3	11	9	34	43	4.6	4.3	1.1	1.2	3	15	5	7	7	30	37	4.3	4.0				
b. Astrocytoma	9	55	44	53	49	161	210	21.0	20.4	1.1	1.2	4	39	47	50	33	140	173	18.8	17.5				
c. CNS embryonal	7	25	31	16	10	79	89	10.5	9.0	1.5	1.5	7	20	18	8	5	53	58	7.6	6.4				
d. Other gliomas	1	6	16	14	14	37	51	4.6	4.7	0.8	0.9	2	13	17	12	12	44	56	6.0	5.7				
e. Other specified	1	8	13	24	33	46	79	5.6	7.1	1.0	0.8	2	8	9	27	55	46	101	5.9	9.5				
f. Unspecified CNS	1	3	4	3	3	11	14	1.4	1.4	1.4	1.2	0	2	2	4	4	8	12	1.0	1.2				
<b>IV NEUROBLASTOMA</b>	33	63	11	2	2	109	111	16.3	12.8	1.1	1.1	34	40	16	6	4	96	100	14.7	11.7				
a. (Ganglio)neuroblastoma	33	63	11	0	1	107	108	16.0	12.5	1.1	1.1	34	40	16	6	2	96	98	14.7	11.5				
b. Peripheral nervous	0	0	0	2	1	2	3	0.2	0.3	-	1.5	0	0	0	0	2	0	2	-	0.2				
<b>V RETINOBLASTOMA</b>	15	19	0	0	0	34	34	5.2	4.0	0.9	0.9	14	24	0	0	0	38	38	6.1	4.7				
<b>VI RENAL TUMOURS</b>	12	40	12	1	7	65	72	9.6	8.0	1.0	1.0	2	43	15	3	6	63	69	9.5	7.9				
a. Nephroblastoma	11	39	11	1	0	62	62	9.1	7.1	1.0	1.0	2	43	14	1	2	60	62	9.2	7.3				
b. Renal carcinoma	1	1	1	0	7	3	10	0.4	0.9	1.0	1.4	0	0	1	2	4	3	7	0.4	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	2	13	1	2	2	18	20	2.6	2.2	1.1	1.1	4	8	2	2	3	16	19	2.4	2.1				
a. Hepatoblastoma	2	13	1	1	1	17	18	2.5	2.0	1.2	1.3	4	8	2	0	0	14	14	2.2	1.7				
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	0.2	0.5	0.4	0	0	0	2	3	2	5	0.2	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	1	5	15	24	53	45	98	5.4	8.6	0.8	1.2	3	4	10	39	28	56	84	6.9	7.9				
a. Osteosarcoma	0	1	1	14	23	16	39	1.8	3.3	0.6	1.0	1	1	3	22	11	27	38	3.2	3.5				
b. Chondrosarcoma	0	0	1	0	3	1	4	0.1	0.3	-	2.0	0	0	0	2	0	2	-	0.2	-				
c. Ewing & related	0	4	12	9	25	25	50	3.1	4.5	0.9	1.4	1	3	7	16	10	27	37	3.4	3.5				
d. Other specified	0	0	1	1	1	2	3	0.2	0.3	2.0	1.0	0	0	0	1	2	1	3	0.1	0.3				
e. Unspecified	1	0	0	0	1	1	2	0.2	0.2	1.0	0.5	1	0	0	0	3	1	4	0.2	0.4				
<b>IX SOFT TISSUE SARCOMA</b>	8	35	20	40	44	103	147	13.4	14.1	1.4	1.5	10	18	19	26	27	73	100	10.0	10.1				
a. Rhabdomyosarcoma	3	24	10	10	10	47	57	6.5	5.8	1.6	1.7	2	10	13	5	3	30	33	4.2	3.5				
b. Fibrosarcoma	3	2	2	5	5	12	17	1.6	1.6	1.0	1.1	5	0	3	4	3	12	15	1.7	1.6				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.1	0.1				
d. Other specified	2	7	6	16	22	31	53	3.9	4.8	1.7	1.5	1	5	1	11	17	18	35	2.4	3.3				
e. Unspecified	0	2	2	9	7	13	20	1.5	1.8	1.1	1.3	2	3	1	6	4	12	16	1.6	1.6				
<b>X GERM CELL TUMOURS</b>	7	10	6	11	98	34	132	4.5	11.7	0.7	1.8	11	7	6	24	26	48	74	6.4	7.3				
a. CNS germ cell ‡	1	2	6	10	9	19	28	2.3	2.5	1.7	2.0	2	1	2	6	3	11	14	1.4	1.4				
b. Other extragonadal	4	3	0	0	3	7	10	1.1	1.1	0.4	0.6	9	5	0	2	4	16	18	2.5	2.1				
c. Gonadal germ cell	2	5	0	1	85	8	93	1.2	8.0	0.4	2.9	0	1	4	14	13	19	32	2.3	2.9				
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.1	0	0	0	2	8	2	10	0.2	0.9				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	9	26	91	37	128	4.2	10.9	0.6	0.5	1	3	15	42	190	61	251	7.4	22.7				
a. Adrenocortical	1	1	3	1	0	6	6	0.8	0.6	6.0	3.0	0	1	0	0	1	1	2	0.2	0.2				
b. Thyroid	0	0	2	6	22	8	30	0.9	2.5	0.2	0.2	0	1	10	22	96	33	129	4.0	11.7				
c. Nasopharyngeal	0	0	0	0	3	0	3	-	0.3	-	1.0	0	0	0	0	3	0	3	-	0.3				
d. Melanoma	0	0	2	11	49	13	62	1.4	5.2	0.9	0.8	1	1	4	8	64	14	78	1.8	7.1				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	0	0	2	8	17	10	27	1.1	2.3	0.8	0.7	0	0	1	12	26	13	39	1.5	3.5				
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	0	1	1	2	0.2	0.2	0.3	0.3	0	1	1	2	4	4	8	0.5	0.8				
a. Other specified	0	1	0	0	1	1	2	0.2	0.2	0.5	0.3	0	1	0	1	4	2	6	0.3	0.6				
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	0.2	0.2				
<b>TOTAL</b>	121	521	351	393	682	1386	2068	184.7	200.4	1.2	1.2	121	429	292	339	595	1181	1776	165.6	181.4				

† includes 102 non-malignant in males and 119 non-malignant in females ‡ includes 3 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

## USA, Georgia, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	506 251	480 350
	1-4	2 026 971	1 933 665
	5-9	2 570 686	2 443 956
	10-14	2 681 748	2 535 561
	15-19	2 681 469	2 519 222
Total	0-14	7 785 656	7 393 532
	0-19	10 467 125	9 912 754
Average annual population	0-14	519 044	492 902
	0-19	697 808	660 850

Please consult the quality indicators for this registry