

## USA, Alabama, Black (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	ASR	0-19			0-14	0-19
<b>I LEUKAEMIA</b>	11	42	41	33	38	127	165	23.7	100.0	21.4	100.0	39.5	37.2	27.8	21.0	23.1	29.7	28.2	433	548	96.4	1.2	
a. Lymphoid	1	30	32	21	13	84	97	15.7	66.1	12.6	58.8	3.6	26.6	21.7	13.4	7.9	19.4	16.8	286	325	95.9	1.0	
b. Acute myeloid	5	9	5	11	18	30	48	5.6	23.6	6.2	29.1	18.0	8.0	3.4	7.0	11.0	7.0	7.9	102	157	97.9	2.1	
c. CMD	4	3	4	0	6	11	17	2.1	8.7	2.2	10.3	14.4	2.7	2.7	-	3.7	2.8	3.0	38	57	100.0	0.0	
d. MDS & other	1	0	0	0	0	1	1	0.2	0.8	0.1	0.6	3.6	-	-	-	-	0.3	0.2	4	4	0.0	0.0	
e. Unspecified	0	0	0	1	1	1	2	0.2	0.8	0.3	1.2	-	-	-	0.6	0.6	0.2	0.3	3	6	100.0	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	2	9	13	39	56	63	119	11.8	100.0	15.4	100.0	7.2	8.0	8.8	24.9	34.1	13.1	17.8	207	378	98.3	0.0	
a. Hodgkin	0	1	3	21	37	25	62	4.7	39.7	8.0	52.1	-	0.9	2.0	13.4	22.5	4.8	8.8	81	193	100.0	0.0	
b. Non-Hodgkin except BL	0	4	6	16	18	26	44	4.9	41.3	5.7	37.0	-	3.5	4.1	10.2	11.0	5.4	6.6	86	140	97.7	0.0	
c. Burkitt (BL)	1	1	3	2	0	7	7	1.3	11.1	0.9	5.9	3.6	0.9	2.0	1.3	-	1.6	1.2	24	24	100.0	0.0	
d. Lymphoreticular	1	3	1	0	0	5	5	0.9	7.9	0.6	4.2	3.6	2.7	0.7	-	-	1.3	1.0	18	18	80.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	0.8	-	-	-	-	0.6	-	0.1	-	3	3	100.0	0.0
<b>III CNS NEOPLASMS †</b>	8	31	31	35	30	105	135	19.6	100.0	17.5	100.0	28.7	27.5	21.1	22.3	18.3	24.0	22.7	355	447	89.6	0.0	
a. Ependymoma	1	4	4	2	5	11	16	2.1	10.5	2.1	11.9	3.6	3.5	2.7	1.3	3.0	2.6	2.7	38	53	100.0	0.0	
b. Astrocytoma	3	9	10	17	11	39	50	7.3	37.1	6.5	37.0	10.8	8.0	6.8	10.8	6.7	8.6	8.2	131	164	96.0	0.0	
c. CNS embryonal	2	7	6	4	1	19	20	3.5	18.1	2.6	14.8	7.2	6.2	4.1	2.5	0.6	4.5	3.6	65	68	100.0	0.0	
d. Other gliomas	0	5	2	1	6	8	14	1.5	7.6	1.8	10.4	-	4.4	1.4	0.6	3.7	2.0	2.4	28	46	21.4	0.0	
e. Other specified	2	6	9	11	6	28	34	5.2	26.7	4.4	25.2	7.2	5.3	6.1	7.0	3.7	6.2	5.6	94	112	100.0	0.0	
f. Unspecified CNS	0	0	0	0	1	0	1	-	-	0.1	0.7	-	-	-	-	0.6	-	0.1	-	3	3	0.0	0.0
<b>IV NEUROBLASTOMA</b>	12	15	8	0	0	35	35	6.5	100.0	4.5	100.0	43.1	13.3	5.4	-	-	9.2	7.1	123	123	97.1	0.0	
a. (Ganglio)neuroblastoma	12	15	8	0	0	35	35	6.5	100.0	4.5	100.0	43.1	13.3	5.4	-	-	9.2	7.1	123	123	97.1	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>V RETINOBLASTOMA</b>	3	9	3	0	0	15	15	2.8	100.0	1.9	100.0	10.8	8.0	2.0	-	-	4.0	3.1	53	53	60.0	0.0	
<b>VI RENAL TUMOURS</b>	3	23	16	5	2	47	49	8.8	100.0	6.3	100.0	10.8	20.4	10.9	3.2	1.2	11.6	9.2	163	169	95.9	2.0	
a. Nephroblastoma	3	22	13	4	1	42	43	7.8	89.4	5.6	87.8	10.8	19.5	8.8	2.5	0.6	10.5	8.2	146	149	97.7	0.0	
b. Renal carcinoma	0	0	3	1	1	4	5	0.7	8.5	0.6	10.2	-	-	2.0	0.6	0.6	0.8	0.8	13	16	100.0	0.0	
c. Unspecified	0	1	0	0	0	1	1	0.2	2.1	0.1	2.0	-	0.9	-	-	-	0.3	0.2	4	4	0.0	100.0	
<b>VII HEPATIC TUMOURS</b>	4	3	1	3	1	11	12	2.1	100.0	1.6	100.0	14.4	2.7	0.7	1.9	0.6	2.7	2.2	38	41	100.0	0.0	
a. Hepatoblastoma	4	3	1	1	0	9	9	1.7	81.8	1.2	75.0	14.4	2.7	0.7	0.6	-	2.3	1.8	31	31	100.0	0.0	
b. Hepatic carcinoma	0	0	0	2	1	2	3	0.4	18.2	0.4	25.0	-	-	-	1.3	0.6	0.4	0.4	6	9	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	0	0	2	19	18	21	39	3.9	100.0	5.1	100.0	-	-	1.4	12.1	11.0	4.0	5.5	67	122	94.9	0.0	
a. Osteosarcoma	0	0	2	16	14	18	32	3.4	85.7	4.1	82.1	-	-	1.4	10.2	8.5	3.4	4.6	58	100	93.8	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	0	0	3	4	3	7	0.6	14.3	0.9	17.9	-	-	-	1.9	2.4	0.6	1.0	10	22	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>IX SOFT TISSUE SARCOMA</b>	4	7	18	27	36	56	92	10.4	100.0	11.9	100.0	14.4	6.2	12.2	17.2	21.9	12.0	14.2	186	296	100.0	0.0	
a. Rhabdomyosarcoma	3	4	8	8	13	23	36	4.3	41.1	4.7	39.1	10.8	3.5	5.4	5.1	7.9	5.2	5.8	78	117	100.0	0.0	
b. Fibrosarcoma	0	0	2	4	4	6	10	1.1	10.7	1.3	10.9	-	-	1.4	2.5	2.4	1.2	1.5	20	32	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	1	3	12	18	16	34	3.0	28.6	4.4	37.0	-	0.9	2.0	7.6	11.0	3.2	4.9	52	107	100.0	0.0	
e. Unspecified	1	2	5	3	1	11	12	2.1	19.6	1.6	13.0	3.6	1.8	3.4	1.9	0.6	2.5	2.1	37	40	100.0	0.0	
<b>X GERM CELL TUMOURS</b>	5	5	4	12	16	26	42	4.9	100.0	5.4	100.0	18.0	4.4	2.7	7.6	9.7	5.8	6.7	87	136	92.9	2.4	
a. CNS germ cell ‡	2	0	2	1	0	5	5	0.9	19.2	0.6	11.9	7.2	-	1.4	0.6	-	1.2	0.9	17	17	80.0	0.0	
b. Other extragonadal	3	3	0	4	3	6	9	1.1	23.1	1.2	21.4	10.8	2.7	-	-	1.8	1.7	1.7	21	30	88.9	0.0	
c. Gonadal germ cell	0	2	2	10	9	14	23	2.6	53.8	3.0	54.8	-	1.8	1.4	6.4	5.5	2.8	3.4	46	73	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.3	4.8	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
e. Unspecified gonadal	0	0	0	1	2	1	3	0.2	3.8	0.4	7.1	-	-	-	0.6	1.2	0.2	0.4	3	9	66.7	33.3	
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	3	20	35	25	60	4.7	100.0	7.8	100.0	3.6	0.9	2.0	12.7	21.3	4.9	8.6	81	188	96.7	1.7	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	5	11	5	16	0.9	20.0	2.1	26.7	-	-	-	3.2	6.7	0.9	2.2	16	49	100.0	0.0	
c. Nasopharyngeal	0	0	1	6	9	7	16	1.3	28.0	2.1	26.7	-	-	0.7	3.8	5.5	1.3	2.3	23	50	100.0	0.0	
d. Melanoma	0	0	0	1	2	1	3	0.2	4.0	0.4	5.0	-	-	-	0.6	1.2	0.2	0.4	3	9	66.7	33.3	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	1	1	2	8	13	12	25	2.2	48.0	3.2	41.7	3.6	0.9	1.4	5.1	7.9	2.5	3.7	39	79	96.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	1	1	0	3	4	5	9	0.9	100.0	1.2	100.0	3.6	0.9	-	1.9	2.4	1.1	1.4	17	29	44.4	44.4	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	1	1	0	3	4	5	9	0.9	100.0	1.2	100.0	3.6	0.9	-	1.9	2.4	1.1	1.4	17	29	44.4	44.4	
<b>TOTAL</b>	54	146	140	196	236	536	772	100.0	100.0	100.0	100.0	193.9	129.3	95.1	124.9	143.7	121.9	126.8	1810	2529	94.4	1.2	

† includes 29 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

## USA, Alabama, Black (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>	4	25	23	22	21	74	95	33.7	31.9	1.4	1.4	7	17	18	11	17	53	70	25.5	24.4				
a. Lymphoid	0	17	18	13	9	48	57	21.8	19.3	1.3	1.4	1	13	14	8	4	36	40	17.0	14.3				
b. Acute myeloid	2	6	3	8	7	19	26	8.6	8.6	1.7	1.2	3	3	2	3	11	11	22	5.4	7.2				
c. CMD	1	2	2	0	4	5	9	2.5	3.0	0.8	1.1	3	1	2	0	2	6	8	3.1	3.0				
d. MDS & other	1	0	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	0	0	1	1	1	2	0.4	0.6	-	-	0	0	0	0	0	0	0	-	-				
<b>II LYMPHOMA &amp; RELATED</b>	2	5	10	28	32	45	77	18.3	23.0	2.5	1.8	0	4	3	11	24	18	42	7.7	12.5				
a. Hodgkin	0	0	2	13	19	15	34	5.6	9.6	1.5	1.2	0	1	1	8	18	10	28	4.0	8.0				
b. Non-Hodgkin except BL	0	3	5	13	12	21	33	8.5	9.9	4.2	3.0	0	1	1	3	6	5	11	2.1	3.3				
c. Burkitt (BL)	1	1	3	2	0	7	7	3.1	2.4	-	-	0	0	0	0	0	0	0	-	-				
d. Lymphoreticular	1	1	0	0	0	2	2	1.1	0.8	0.7	0.7	0	2	1	0	0	3	3	1.6	1.2				
e. Unspecified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-				
<b>III CNS NEOPLASMS †</b>	8	17	19	19	17	63	80	28.7	26.9	1.5	1.5	0	14	12	16	13	42	55	19.1	18.4				
a. Ependymoma	1	2	3	1	3	7	10	3.3	3.4	1.8	1.7	0	2	1	1	2	4	6	1.9	2.0				
b. Astrocytoma	3	5	5	7	7	20	27	9.1	8.9	1.1	1.2	0	4	5	10	4	19	23	8.2	7.5				
c. CNS embryonal	2	5	4	3	1	14	15	6.6	5.4	2.8	3.0	0	2	2	1	0	5	5	2.4	1.8				
d. Other gliomas	0	3	1	1	2	5	7	2.4	2.4	1.7	1.0	0	2	1	0	4	3	7	1.6	2.3				
e. Other specified	2	2	6	7	3	17	20	7.3	6.5	1.5	1.4	0	4	3	4	3	11	14	5.1	4.7				
f. Unspecified CNS	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-				
<b>IV NEUROBLASTOMA</b>	5	6	4	0	0	15	15	7.7	6.0	0.8	0.8	7	9	4	0	0	20	20	10.7	8.3				
a. (Ganglioneuroblastoma	5	6	4	0	0	15	15	7.7	6.0	0.8	0.8	7	9	4	0	0	20	20	10.7	8.3				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>V RETINOBLASTOMA</b>	3	7	2	0	0	12	12	6.3	4.9	4.0	4.0	0	2	1	0	0	3	3	1.6	1.2				
<b>VI RENAL TUMOURS</b>	0	11	6	3	2	20	22	9.7	8.0	0.7	0.8	3	12	10	2	0	27	27	13.5	10.5				
a. Nephroblastoma	0	10	3	2	1	15	16	7.5	6.1	0.6	0.6	3	12	10	2	0	27	27	13.5	10.5				
b. Renal carcinoma	0	0	3	1	1	4	5	1.7	1.6	-	-	0	0	0	0	0	0	0	-	-				
c. Unspecified	0	1	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	0	3	0	0	1	3	4	1.6	1.5	0.4	0.5	4	0	1	3	0	8	8	3.8	2.9				
a. Hepatoblastoma	0	3	0	0	0	3	3	1.6	1.3	0.5	0.5	4	0	1	1	0	6	6	3.0	2.4				
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.3	0.0	0.5	0	0	0	2	0	2	2	0.8	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	0	1	7	10	8	18	3.0	5.1	0.6	0.9	0	0	1	12	8	13	21	5.0	6.0				
a. Osteosarcoma	0	0	1	6	8	7	15	2.6	4.2	0.6	0.9	0	0	1	10	6	11	17	4.2	4.9				
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	0	0	1	2	1	3	0.4	0.8	0.5	0.8	0	0	0	2	2	2	4	0.8	1.1				
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	3	3	4	16	20	26	46	10.8	13.9	0.9	1.0	1	4	14	11	16	30	46	13.1	14.6				
a. Rhabdomyosarcoma	2	2	2	6	8	12	20	5.2	6.2	1.1	1.3	1	2	6	2	5	11	16	5.1	5.3				
b. Fibrosarcoma	0	0	1	1	4	2	6	0.8	1.7	0.5	1.5	0	0	1	3	0	4	4	1.6	1.2				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	0	0	7	8	7	15	2.6	4.2	0.8	0.8	0	1	3	5	10	9	19	3.8	5.7				
e. Unspecified	1	1	1	2	0	5	5	2.2	1.7	0.8	0.7	0	1	4	1	1	6	7	2.7	2.4				
<b>X GERM CELL TUMOURS</b>	2	3	1	2	1	8	9	3.9	3.3	0.4	0.3	3	2	3	10	15	18	33	7.9	10.2				
a. CNS germ cell ‡	1	0	1	1	0	3	3	1.3	1.0	1.5	1.5	1	0	1	0	0	2	2	1.0	0.8				
b. Other extragonadal	1	2	0	0	0	3	3	1.6	1.3	1.0	0.5	2	1	0	0	3	3	6	1.7	2.1				
c. Gonadal germ cell	0	1	0	0	1	1	2	0.5	0.7	0.1	0.1	0	1	2	10	8	13	21	5.2	6.2				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5				
e. Unspecified gonadal	0	0	0	1	0	1	1	0.4	0.3	-	0.5	0	0	0	0	2	0	2	-	0.5				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	0	1	10	13	12	25	4.6	7.1	0.9	0.7	0	1	2	10	22	13	35	5.2	10.0				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	0	1	0	1	1	0.4	0.3	0.3	0.1	0	0	0	4	11	4	15	1.5	4.2				
c. Nasopharyngeal	0	0	0	4	8	4	12	1.5	3.3	1.3	3.0	0	0	1	2	1	3	4	1.2	1.2				
d. Melanoma	0	0	0	1	2	1	3	0.4	0.8	-	-	0	0	0	0	0	0	0	-	-				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	1	0	1	4	3	6	9	2.4	2.7	1.0	0.6	0	1	1	4	10	6	16	2.5	4.7				
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	1	2	1	3	0.4	0.8	0.3	0.5	1	1	0	2	2	4	6	1.9	2.0				
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Other unspecified	0	0	0	1	2	1	3	0.4	0.8	0.3	0.5	1	1	0	2	2	4	6	1.9	2.0				
<b>TOTAL</b>	28	80	71	108	119	287	406	128.8	132.5	1.2	1.1	26	66	69	88	117	249	366	114.9	121.1				

† includes 16 non-malignant in males and 13 non-malignant in females ‡ includes 1 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

## USA, Alabama, Black (1998-2012)

	Age group	Males	Females
Person-years	0	140 668	137 877
	1-4	571 140	557 798
	5-9	746 311	726 070
	10-14	796 229	773 180
	15-19	820 329	822 261
Total	0-14	2 254 348	2 194 925
	0-19	3 074 677	3 017 186
Average annual population	0-14	150 290	146 328
	0-19	204 978	201 146

Please consult the quality indicators for this registry