

USA, Mississippi (2002-2012)

	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
I LEUKAEMIA	17	128	70	57	58	272	330	27.9	100.0	23.0	100.0	37.2	70.2	31.2	24.2	23.7	41.7	37.7	595	713	93.0	0.6
a. Lymphoid	10	98	54	34	27	196	223	20.1	72.1	15.5	67.6	21.9	53.7	24.1	14.4	11.0	30.3	26.0	429	484	96.4	0.4
b. Acute myeloid	2	21	10	16	17	49	66	5.0	18.0	4.6	20.0	4.4	11.5	4.5	6.8	6.9	7.3	7.2	107	141	97.0	0.0
c. CMD	3	1	3	5	12	12	24	1.2	4.4	1.7	7.3	6.6	0.5	1.3	2.1	4.9	1.7	2.4	26	51	54.2	0.0
d. MDS & other	2	4	2	0	1	8	9	0.8	2.9	0.6	2.7	4.4	2.2	0.9	-	0.4	1.3	1.1	18	20	100.0	0.0
e. Unspecified	0	4	1	2	1	7	8	0.7	2.6	0.6	2.4	-	2.2	0.4	0.8	0.4	1.1	0.9	15	17	75.0	12.5
II LYMPHOMA & RELATED	7	20	34	45	89	106	195	10.9	100.0	13.6	100.0	15.3	11.0	15.2	19.1	36.4	15.0	19.8	231	412	97.4	0.5
a. Hodgkin	0	3	9	27	56	39	95	4.0	36.8	6.6	48.7	-	1.6	4.0	11.5	22.9	5.1	9.1	84	198	100.0	0.0
b. Non-Hodgkin except BL	1	6	15	14	28	36	64	3.7	34.0	4.5	32.8	2.2	3.3	6.7	5.9	11.4	5.1	6.5	79	136	93.8	1.6
c. Burkitt (BL)	0	4	6	4	4	14	18	1.4	13.2	1.3	9.2	-	2.2	2.7	1.7	1.6	2.0	1.9	31	39	100.0	0.0
d. Lymphoreticular	6	6	4	0	1	16	17	1.6	15.1	1.2	8.7	13.1	3.3	1.8	-	0.4	2.6	2.1	35	37	94.1	0.0
e. Unspecified	0	1	0	0	0	1	1	0.1	0.9	0.1	0.5	-	0.5	-	-	-	0.2	0.1	2	2	100.0	0.0
III CNS NEOPLASMS †	23	74	93	75	96	265	361	27.2	100.0	25.2	100.0	50.3	40.6	41.5	31.9	39.2	39.1	39.1	579	775	82.8	0.3
a. Ependymoma	4	8	6	2	6	20	26	2.0	7.5	1.8	7.2	8.8	4.4	2.7	0.8	2.5	3.1	3.0	44	56	100.0	0.0
b. Astrocytoma	7	37	37	38	24	119	143	12.2	44.9	10.0	39.6	15.3	20.3	16.5	16.1	9.8	17.5	15.7	260	309	90.9	0.0
c. CNS embryonal	8	10	14	6	12	38	50	3.9	14.3	3.5	13.9	17.5	5.5	6.2	2.5	4.9	5.8	5.6	83	108	100.0	0.0
d. Other gliomas	1	9	16	8	9	34	43	3.5	12.8	3.0	11.9	2.2	4.9	7.1	3.4	3.7	5.0	4.7	75	93	53.5	2.3
e. Other specified	2	8	18	20	42	48	90	4.9	18.1	6.3	24.9	4.4	4.4	8.0	8.5	17.2	6.8	9.1	105	190	72.2	0.0
f. Unspecified CNS	1	2	2	1	3	6	9	0.6	2.3	0.6	2.5	2.2	1.1	0.9	0.4	1.2	0.9	1.0	13	19	55.6	0.0
IV NEUROBLASTOMA	12	36	5	3	1	56	57	5.7	100.0	4.0	100.0	26.3	19.7	2.2	1.3	0.4	9.2	7.2	123	125	98.2	0.0
a. (Ganglio)neuroblastoma	12	36	4	2	0	54	54	5.5	96.4	3.8	94.7	26.3	19.7	1.8	0.8	-	9.0	6.9	118	118	98.1	0.0
b. Peripheral nervous	0	0	1	1	1	2	3	0.2	3.6	0.2	5.3	-	-	0.4	0.4	0.4	0.3	0.3	4	6	100.0	0.0
V RETINOBLASTOMA	14	14	4	0	0	32	32	3.3	100.0	2.2	100.0	30.6	7.7	1.8	-	-	5.3	4.1	70	70	68.8	0.0
VI RENAL TUMOURS	7	33	13	3	6	56	62	5.7	100.0	4.3	100.0	15.3	18.1	5.8	1.3	2.5	9.0	7.5	123	135	96.8	0.0
a. Nephroblastoma	7	33	11	2	2	53	55	5.4	94.6	3.8	88.7	15.3	18.1	4.9	0.8	0.8	8.6	6.9	116	121	96.4	0.0
b. Renal carcinoma	0	0	2	1	4	3	7	0.3	5.4	0.5	11.3	-	-	0.9	0.4	1.6	0.4	0.7	7	15	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	4	2	1	2	2	9	11	0.9	100.0	0.8	100.0	8.8	1.1	0.4	0.8	0.8	1.4	1.3	20	24	100.0	0.0
a. Hepatoblastoma	4	2	1	2	0	9	9	0.9	100.0	0.6	81.8	8.8	1.1	0.4	0.8	-	1.4	1.1	20	20	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.1	18.2	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	3	12	29	33	44	77	4.5	100.0	5.4	100.0	-	1.6	5.4	12.3	13.5	5.8	7.5	95	162	96.1	1.3
a. Osteosarcoma	0	0	8	20	19	28	47	2.9	63.6	3.3	61.0	-	-	3.6	8.5	7.8	3.6	4.6	60	99	95.7	0.0
b. Chondrosarcoma	0	0	0	0	4	0	4	-	-	0.3	5.2	-	-	-	-	1.6	-	0.4	-	8	75.0	25.0
c. Ewing & related	0	3	3	7	8	13	21	1.3	29.5	1.5	27.3	-	1.6	1.3	3.0	3.3	1.8	2.1	28	44	100.0	0.0
d. Other specified	0	0	1	2	1	3	4	0.3	6.8	0.3	5.2	-	-	0.4	0.8	0.4	0.4	0.4	6	9	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	1.3	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
IX SOFT TISSUE SARCOMA	8	15	18	32	25	73	98	7.5	100.0	6.8	100.0	17.5	8.2	8.0	13.6	10.2	10.4	10.4	159	210	99.0	1.0
a. Rhabdomyosarcoma	2	10	13	5	4	30	34	3.1	41.1	2.4	34.7	4.4	5.5	5.8	2.1	1.6	4.5	3.9	66	74	100.0	0.0
b. Fibrosarcoma	3	4	1	3	2	11	13	1.1	15.1	0.9	13.3	6.6	2.2	0.4	1.3	0.8	1.7	1.5	24	28	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	1	3	22	14	29	43	3.0	39.7	3.0	43.9	6.6	0.5	1.3	9.3	5.7	3.8	4.3	62	91	97.7	2.3
e. Unspecified	0	0	1	2	5	3	8	0.3	4.1	0.6	8.2	-	-	0.4	0.8	2.0	0.4	0.8	6	17	100.0	0.0
X GERM CELL TUMOURS	8	1	3	11	42	23	65	2.4	100.0	4.5	100.0	17.5	0.5	1.3	4.7	17.2	3.3	6.4	50	136	96.9	1.5
a. CNS germ cell ‡	1	0	2	2	2	5	7	0.5	21.7	0.5	10.8	2.2	-	0.9	0.8	0.8	0.7	0.7	11	15	85.7	0.0
b. Other extragonadal	7	0	0	0	3	7	10	0.7	30.4	0.7	15.4	15.3	-	-	-	1.2	1.2	1.2	15	21	90.0	10.0
c. Gonadal germ cell	0	1	1	8	34	10	44	1.0	43.5	3.1	67.7	-	0.5	0.4	3.4	13.9	1.3	4.1	21	91	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.2	4.6	-	-	-	-	1.2	-	0.3	-	6	100.0	0.0
e. Unspecified gonadal	0	0	0	1	0	1	1	0.1	4.3	0.1	1.5	-	-	-	0.4	-	0.1	0.1	2	2	100.0	0.0
XI CARCINOMA & MELANOMA	4	6	5	20	105	35	140	3.6	100.0	9.8	100.0	8.8	3.3	2.2	8.5	42.9	4.9	13.4	76	290	99.3	0.0
a. Adrenocortical	0	0	1	0	0	1	1	0.1	2.9	0.1	0.7	-	-	0.4	-	-	0.1	0.1	2	2	100.0	0.0
b. Thyroid	0	1	0	8	39	9	48	0.9	25.7	3.3	34.3	-	0.5	-	3.4	15.9	1.2	4.5	19	99	100.0	0.0
c. Nasopharyngeal	0	0	0	0	5	0	5	-	-	0.3	3.6	-	-	-	-	2.0	-	0.5	-	10	100.0	0.0
d. Melanoma	2	5	4	4	32	15	47	1.5	42.9	3.3	33.6	4.4	2.7	1.8	1.7	13.1	2.3	4.7	33	98	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	2	0	0	8	29	10	39	1.0	28.6	2.7	27.9	4.4	-	-	3.4	11.9	1.3	3.7	21	81	97.4	0.0
XII OTHER & UNSPECIFIED	1	3	1	0	2	5	7	0.5	100.0	0.5	100.0	2.2	1.6	0.4	-	0.8	0.8	0.8	11	15	85.7	0.0
a. Other specified	0	2	0	0	2	2	4	0.2	40.0	0.3	57.1	-	1.1	-	-	0.8	0.3	0.4	4	8	100.0	0.0
b. Other unspecified	1	1	1	0	0	3	3	0.3	60.0	0.2	42.9	2.2	0.5	0.4	-	-	0.5	0.4	7	7	66.7	0.0
TOTAL	105	335	259	277	459	976	1435	100.0	100.0	100.0	100.0	229.9	183.6	115.5	117.7	187.6	146.1	155.4	2130	3068	92.3	0.5

† includes 107 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

USA, Mississippi (2002-2012)

	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	7	74	37	33	39	151	190	45.3	42.2	1.2	1.4	10	54	33	24	19	121	140	37.9	32.9				
a. Lymphoid	4	57	30	19	21	110	131	33.3	29.6	1.3	1.4	6	41	24	15	6	86	92	27.1	22.1				
b. Acute myeloid	1	12	4	10	8	27	35	7.9	7.5	1.2	1.1	1	9	6	6	9	22	31	6.7	6.9				
c. CMD	1	1	2	3	8	7	15	2.0	3.0	1.4	1.7	2	0	1	2	4	5	9	1.5	1.9				
d. MDS & other	1	1	1	0	1	3	4	0.9	0.9	0.6	0.8	1	3	1	0	0	5	5	1.7	1.3				
e. Unspecified	0	3	0	1	1	4	5	1.2	1.1	1.3	1.7	0	1	1	1	0	3	3	0.9	0.7				
II LYMPHOMA & RELATED	2	14	20	27	48	63	111	17.5	22.2	1.5	1.3	5	6	14	18	41	43	84	12.5	17.3				
a. Hodgkin	0	2	6	12	22	20	42	5.3	8.0	1.1	0.8	0	1	3	15	34	19	53	5.0	10.3				
b. Non-Hodgkin except BL	0	4	7	12	22	23	45	6.2	8.8	1.8	2.4	1	2	8	2	6	13	19	3.9	4.1				
c. Burkitt (BL)	0	3	4	3	3	10	13	2.8	2.7	2.5	2.6	0	1	2	1	1	4	5	1.2	1.1				
d. Lymphoreticular	2	4	3	0	1	9	10	2.8	2.4	1.3	1.4	4	2	1	0	0	7	7	2.4	1.8				
e. Unspecified	0	1	0	0	0	1	1	0.3	0.3	-	-	0	0	0	0	0	0	0	-	-				
III CNS NEOPLASMS †	11	42	48	31	48	132	180	38.6	38.6	1.0	1.0	12	32	45	44	48	133	181	39.6	39.7				
a. Ependymoma	1	6	2	1	5	10	15	3.1	3.3	1.0	1.4	3	2	4	1	1	10	11	3.2	2.6				
b. Astrocytoma	3	22	20	16	17	61	78	17.8	16.9	1.1	1.2	4	15	17	22	7	58	65	17.1	14.6				
c. CNS embryonal	5	4	10	4	7	23	30	6.8	6.5	1.5	1.5	3	6	4	2	5	15	20	4.8	4.7				
d. Other gliomas	0	4	8	3	5	15	20	4.3	4.2	0.8	0.9	1	5	8	5	4	19	23	5.7	5.2				
e. Other specified	1	4	7	6	13	18	31	5.1	6.3	0.6	0.5	1	4	11	14	29	30	59	8.5	12.0				
f. Unspecified CNS	1	2	1	1	1	5	6	1.5	1.4	5.0	2.0	0	0	1	0	2	1	3	0.3	0.6				
IV NEUROBLASTOMA	10	17	4	3	0	34	34	10.8	8.4	1.5	1.5	2	19	1	0	1	22	23	7.6	6.1				
a. (Ganglioneuroblastoma	10	17	3	2	0	32	32	10.3	8.0	1.5	1.5	2	19	1	0	0	22	22	7.6	5.9				
b. Peripheral nervous	0	0	1	1	0	2	2	0.5	0.4	-	2.0	0	0	0	0	1	0	1	-	0.2				
V RETINOBLASTOMA	6	7	3	0	0	16	16	5.2	4.0	1.0	1.0	8	7	1	0	0	16	16	5.5	4.3				
VI RENAL TUMOURS	5	12	8	1	3	26	29	8.2	6.9	0.9	0.9	2	21	5	2	3	30	33	9.9	8.3				
a. Nephroblastoma	5	12	7	1	1	25	26	7.9	6.3	0.9	0.9	2	21	4	1	1	28	29	9.4	7.5				
b. Renal carcinoma	0	0	1	0	2	1	3	0.3	0.6	0.5	0.8	0	0	1	1	2	2	4	0.5	0.8				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	2	1	0	2	1	5	6	1.5	1.3	1.3	1.2	2	1	1	0	1	4	5	1.3	1.2				
a. Hepatoblastoma	2	1	0	2	0	5	5	1.5	1.1	1.3	1.3	2	1	1	0	0	4	4	1.3	1.0				
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	1	5	16	21	22	43	5.6	8.1	1.0	1.3	0	2	7	13	12	22	34	6.0	6.9				
a. Osteosarcoma	0	0	2	13	13	15	28	3.7	5.2	1.2	1.5	0	0	6	7	6	13	19	3.5	3.9				
b. Chondrosarcoma	0	0	0	0	2	0	2	-	0.4	-	1.0	0	0	0	0	2	0	2	-	0.4				
c. Ewing & related	0	1	3	2	4	6	10	1.7	2.0	0.9	0.9	0	2	0	5	4	7	11	2.0	2.3				
d. Other specified	0	0	0	1	1	1	2	0.2	0.4	0.5	1.0	0	0	1	1	0	2	2	0.5	0.4				
e. Unspecified	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
IX SOFT TISSUE SARCOMA	5	10	9	16	15	40	55	11.4	11.5	1.2	1.3	3	5	9	16	10	33	43	9.4	9.2				
a. Rhabdomyosarcoma	1	7	7	3	2	18	20	5.4	4.5	1.5	1.4	1	3	6	2	2	12	14	3.7	3.2				
b. Fibrosarcoma	3	3	0	1	1	7	8	2.2	1.9	1.8	1.6	0	1	1	2	1	4	5	1.1	1.1				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	1	0	2	11	10	14	24	3.6	4.6	0.9	1.3	2	1	1	11	4	15	19	4.1	3.9				
e. Unspecified	0	0	0	1	2	1	3	0.2	0.5	0.5	0.6	0	0	1	1	3	2	5	0.5	1.0				
X GERM CELL TUMOURS	1	1	1	1	24	4	28	1.2	5.3	0.2	0.8	7	0	2	10	18	19	37	5.5	7.7				
a. CNS germ cell ‡	1	0	1	1	1	3	4	0.9	0.8	1.5	1.3	0	0	1	1	1	2	3	0.5	0.6				
b. Other extragonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	7	0	0	0	3	7	10	2.4	2.4				
c. Gonadal germ cell	0	1	0	0	23	1	24	0.3	4.4	0.1	1.2	0	0	1	8	11	9	20	2.3	3.9				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	0.6				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.2				
XI CARCINOMA & MELANOMA	2	3	4	7	32	16	48	4.5	9.3	0.8	0.5	2	3	1	13	73	19	92	5.3	17.8				
a. Adrenocortical	0	0	1	0	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	0	1	6	1	7	0.2	1.3	0.1	0.2	0	1	0	7	33	8	41	2.1	7.8				
c. Nasopharyngeal	0	0	0	0	4	0	4	-	0.7	-	4.0	0	0	0	0	1	0	1	-	0.2				
d. Melanoma	1	3	3	3	10	10	20	2.9	4.1	2.0	0.7	1	2	1	1	22	5	27	1.6	5.4				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	1	0	0	3	12	4	16	1.1	3.0	0.7	0.7	1	0	0	5	17	6	23	1.6	4.4				
XII OTHER & UNSPECIFIED	1	1	1	0	1	3	4	0.9	0.9	1.5	1.3	0	2	0	0	1	2	3	0.7	0.7				
a. Other specified	0	1	0	0	1	1	2	0.3	0.4	1.0	1.0	0	1	0	0	1	1	2	0.3	0.5				
b. Other unspecified	1	0	1	0	0	2	2	0.6	0.5	2.0	2.0	0	1	0	0	0	1	1	0.3	0.3				
TOTAL	52	183	140	137	232	512	744	150.7	158.7	1.1	1.1	53	152	119	140	227	464	691	141.3	152.0				

† includes 38 non-malignant in males and 69 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

USA, Mississippi (2002-2012)

	Age group	Males	Females
Person-years	0	233 315	223 493
	1-4	930 326	894 072
	5-9	1 145 217	1 097 635
	10-14	1 202 176	1 151 755
	15-19	1 246 042	1 200 718
Total	0-14	3 511 034	3 366 955
	0-19	4 757 076	4 567 673
Average annual population	0-14	319 185	306 087
	0-19	432 461	415 243

Please consult the quality indicators for this registry