

## USA, Arkansas (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		
<b>I LEUKAEMIA</b>	22	174	84	78	74	358	432	26.7	100.0	22.6	100.0	38.5	76.7	29.5	26.6	24.8	44.0	39.7	626	750	88.7	0.2
a. Lymphoid	10	146	68	50	38	274	312	20.4	76.5	16.3	72.2	17.5	64.4	23.9	17.1	12.7	33.9	29.2	480	543	90.7	0.0
b. Acute myeloid	7	20	9	23	19	59	78	4.4	16.5	4.1	18.1	12.3	8.8	3.2	7.9	6.4	7.0	6.8	103	134	84.6	1.3
c. CMD	1	2	4	2	12	9	21	0.7	2.5	1.1	4.9	1.8	0.9	1.4	0.7	4.0	1.1	1.7	16	36	76.2	0.0
d. MDS & other	4	4	1	0	1	9	10	0.7	2.5	0.5	2.3	7.0	1.8	0.4	-	0.3	1.2	1.0	16	18	80.0	0.0
e. Unspecified	0	2	2	3	4	7	11	0.5	2.0	0.6	2.5	-	0.9	0.7	1.0	1.3	0.8	0.9	12	19	90.9	0.0
<b>II LYMPHOMA &amp; RELATED</b>	10	30	39	75	146	154	300	11.5	100.0	15.7	100.0	17.5	13.2	13.7	25.6	48.9	17.3	24.4	267	511	97.0	0.3
a. Hodgkin	0	2	11	33	93	46	139	3.4	29.9	7.3	46.3	-	0.9	3.9	11.3	31.1	4.8	10.7	79	235	100.0	0.0
b. Non-Hodgkin except BL	5	14	17	32	41	68	109	5.1	44.2	5.7	36.3	8.8	6.2	6.0	10.9	13.7	7.7	9.0	118	187	96.3	0.9
c. Burkitt (BL)	0	2	7	5	8	14	22	1.0	9.1	1.1	7.3	-	0.9	2.5	1.7	2.7	1.6	1.8	24	38	90.9	0.0
d. Lymphoreticular	3	12	4	5	1	24	25	1.8	15.6	1.3	8.3	5.3	5.3	1.4	1.7	0.3	3.0	2.4	42	44	88.0	0.0
e. Unspecified	2	0	0	0	3	2	5	0.1	1.3	0.3	1.7	3.5	-	-	-	1.0	0.3	0.4	4	9	100.0	0.0
<b>III CNS NEOPLASMS †</b>	23	89	122	105	106	339	445	25.3	100.0	23.2	100.0	40.3	39.2	42.9	35.8	35.5	39.5	38.6	591	768	74.8	0.7
a. Ependymoma	2	10	6	5	5	23	28	1.7	6.8	1.5	6.3	3.5	4.4	2.1	1.7	1.7	2.8	2.6	40	49	89.3	0.0
b. Astrocytoma	9	31	47	54	30	141	171	10.5	41.6	8.9	38.4	15.8	13.7	16.5	18.4	10.0	16.1	14.8	245	295	84.2	0.0
c. CNS embryonal	6	18	25	15	9	64	73	4.8	18.9	3.8	16.4	10.5	7.9	8.8	5.1	3.0	7.6	6.6	112	127	100.0	0.0
d. Other gliomas	0	14	28	11	11	53	64	4.0	15.6	3.3	14.4	-	6.2	9.8	3.8	3.7	6.2	5.6	93	111	53.1	0.0
e. Other specified	4	9	11	15	42	39	81	2.9	11.5	4.2	18.2	7.0	4.0	3.9	5.1	14.1	4.5	6.7	68	138	60.5	0.0
f. Unspecified CNS	2	7	5	5	9	19	28	1.4	5.6	1.5	6.3	3.5	3.1	1.8	1.7	3.0	2.3	2.5	33	48	28.6	10.7
<b>IV NEUROBLASTOMA</b>	37	56	13	2	3	108	111	8.1	100.0	5.8	100.0	64.8	24.7	4.6	0.7	1.0	14.4	11.3	190	195	99.1	0.0
a. (Ganglio)neuroblastoma	37	54	13	2	2	106	108	7.9	98.1	5.6	97.3	64.8	23.8	4.6	0.7	0.7	14.1	11.1	187	190	99.1	0.0
b. Peripheral nervous	0	2	0	0	1	2	3	0.1	1.9	0.2	2.7	-	0.9	-	-	0.3	0.3	0.3	4	5	100.0	0.0
<b>V RETINOBLASTOMA</b>	15	18	0	0	0	33	33	2.5	100.0	1.7	100.0	26.3	7.9	-	-	-	4.5	3.5	58	58	54.5	0.0
<b>VI RENAL TUMOURS</b>	14	34	22	4	6	74	80	5.5	100.0	4.2	100.0	24.5	15.0	7.7	1.4	2.0	9.4	7.8	130	140	97.5	1.3
a. Nephroblastoma	13	34	21	3	1	71	72	5.3	95.9	3.8	90.0	22.8	15.0	7.4	1.0	0.3	9.1	7.1	125	126	98.6	0.0
b. Renal carcinoma	1	0	0	1	5	2	7	0.1	2.7	0.4	8.8	1.8	-	-	0.3	1.7	0.2	0.6	3	12	100.0	0.0
c. Unspecified	0	0	1	0	0	1	1	0.1	1.4	0.1	1.3	-	-	0.4	-	-	0.1	0.1	2	2	0.0	100.0
<b>VII HEPATIC TUMOURS</b>	5	9	1	2	3	17	20	1.3	100.0	1.0	100.0	8.8	4.0	0.4	0.7	1.0	2.2	1.9	30	35	100.0	0.0
a. Hepatoblastoma	5	9	1	1	0	16	16	1.2	94.1	0.8	80.0	8.8	4.0	0.4	0.3	-	2.1	1.6	28	28	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	3	1	4	0.1	5.9	0.2	20.0	-	-	-	0.3	1.0	0.1	0.3	2	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	4	14	31	31	49	80	3.7	100.0	4.2	100.0	-	1.8	4.9	10.6	10.4	5.2	6.4	85	136	98.8	0.0
a. Osteosarcoma	0	0	9	18	15	27	42	2.0	55.1	2.2	52.5	-	-	3.2	6.1	5.0	2.8	3.3	47	72	97.6	0.0
b. Chondrosarcoma	0	1	0	0	1	1	2	0.1	2.0	0.1	2.5	-	0.4	-	-	0.3	0.1	0.2	2	3	100.0	0.0
c. Ewing & related	0	2	5	11	12	18	30	1.3	36.7	1.6	37.5	-	0.9	1.8	3.8	4.0	1.9	2.4	31	51	100.0	0.0
d. Other specified	0	1	0	1	2	2	4	0.1	4.1	0.2	5.0	-	0.4	-	0.3	0.7	0.2	0.3	3	7	100.0	0.0
e. Unspecified	0	0	0	1	1	1	2	0.1	2.0	0.1	2.5	-	-	-	0.3	0.3	0.1	0.2	2	3	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	7	28	26	26	48	87	135	6.5	100.0	7.1	100.0	12.3	12.3	9.1	8.9	16.1	10.3	11.6	152	232	100.0	0.0
a. Rhabdomyosarcoma	0	22	16	5	11	43	54	3.2	49.4	2.8	40.0	-	9.7	5.6	1.7	3.7	5.3	4.9	75	94	100.0	0.0
b. Fibrosarcoma	4	0	1	2	2	7	9	0.5	8.0	0.5	6.7	7.0	-	0.4	0.7	0.7	0.9	0.8	12	16	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	2	4	9	12	28	27	55	2.0	31.0	2.9	40.7	3.5	1.8	3.2	4.1	9.4	3.0	4.5	47	94	100.0	0.0
e. Unspecified	1	2	0	7	7	10	17	0.7	11.5	0.9	12.6	1.8	0.9	-	2.4	2.3	1.1	1.4	17	29	100.0	0.0
<b>X GERM CELL TUMOURS</b>	7	12	9	21	50	49	99	3.7	100.0	5.2	100.0	12.3	5.3	3.2	7.2	16.7	5.7	8.2	85	169	97.0	0.0
a. CNS germ cell ‡	1	5	4	6	8	16	24	1.2	32.7	1.3	24.2	1.8	2.2	1.4	2.0	2.7	1.9	2.0	28	41	87.5	0.0
b. Other extragonadal	4	3	0	0	2	7	9	0.5	14.3	0.5	9.1	7.0	1.3	-	-	0.7	1.0	0.9	12	16	100.0	0.0
c. Gonadal germ cell	2	4	5	13	35	24	59	1.8	49.0	3.1	59.6	3.5	1.8	1.8	4.4	11.7	2.7	4.7	42	100	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	3	1	4	0.1	2.0	0.2	4.0	-	-	-	0.3	1.0	0.1	0.3	2	7	100.0	0.0
e. Unspecified gonadal	0	0	0	1	2	1	3	0.1	2.0	0.2	3.0	-	-	-	0.3	0.7	0.1	0.2	2	5	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	7	8	14	36	103	65	168	4.8	100.0	8.8	100.0	12.3	3.5	4.9	12.3	34.5	7.2	13.3	112	285	98.8	0.0
a. Adrenocortical	1	1	1	0	0	3	3	0.2	4.6	0.2	1.8	1.8	0.4	0.4	-	-	0.4	0.3	5	5	100.0	0.0
b. Thyroid	0	2	3	16	51	21	72	1.6	32.3	3.8	42.9	-	0.9	1.1	5.5	17.1	2.2	5.5	36	121	100.0	0.0
c. Nasopharyngeal	0	0	2	4	3	6	9	0.4	9.2	0.5	5.4	-	-	0.7	1.4	1.0	0.6	0.7	10	15	100.0	0.0
d. Melanoma	6	3	6	6	21	21	42	1.6	32.3	2.2	25.0	10.5	1.3	2.1	2.0	7.0	2.5	3.5	37	72	97.6	0.0
e. Skin carcinoma	0	0	0	1	1	1	2	0.1	1.5	0.1	1.2	-	-	-	0.3	0.3	0.1	0.2	2	3	100.0	0.0
f. Other & unspecified	0	2	2	9	27	13	40	1.0	20.0	2.1	23.8	-	0.9	0.7	3.1	9.0	1.4	3.1	22	68	97.5	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	2	3	1	2	3	8	11	0.6	100.0	0.6	100.0	3.5	1.3	0.4	0.7	1.0	1.0	1.0	14	19	72.7	9.1
a. Other specified	1	2	0	0	2	3	5	0.2	37.5	0.3	45.5	1.8	0.9	-	-	0.7	0.4	0.5	5	9	100.0	0.0
b. Other unspecified	1	1	1	2	1	5	6	0.4	62.5	0.3	54.5	1.8	0.4	0.4	0.7	0.3	0.6	0.5	9	10	50.0	16.7
<b>TOTAL</b>	149	465	345	382	573	1341	1914	100.0	100.0	100.0	100.0	261.0	205.0	121.3	130.4	191.7	160.7	167.7	2340	3299	89.7	0.4

† includes 104 non-malignant ‡ includes 7 non-malignant

Please consult the quality indicators for this registry

## USA, Arkansas (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million							Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
<b>I LEUKAEMIA</b>	15	94	52	42	44	203	247	48.7	44.2	1.3	1.3	7	80	32	36	30	155	185	39.0	34.9		
a. Lymphoid	7	79	44	30	26	160	186	38.5	33.6	1.4	1.5	3	67	24	20	12	114	126	29.2	24.5		
b. Acute myeloid	5	9	5	10	8	29	37	6.8	6.4	1.0	0.9	2	11	4	13	11	30	41	7.2	7.3		
c. CMD	1	1	1	0	6	3	9	0.8	1.5	0.5	0.8	0	1	3	2	6	6	12	1.4	2.0		
d. MDS & other	2	3	0	0	0	5	5	1.3	1.0	1.3	1.0	2	1	1	0	1	4	5	1.1	1.0		
e. Unspecified	0	2	2	2	4	6	10	1.4	1.6	6.0	10.0	0	0	0	1	0	1	1	0.2	0.2		
<b>II LYMPHOMA &amp; RELATED</b>	8	18	31	46	77	103	180	22.7	28.9	2.0	1.5	2	12	8	29	69	51	120	11.7	19.7		
a. Hodgkin	0	2	10	24	43	36	79	7.4	12.0	3.6	1.3	0	0	1	9	50	10	60	2.1	9.3		
b. Non-Hodgkin except BL	4	6	13	16	25	39	64	8.6	10.4	1.3	1.4	1	8	4	16	16	29	45	6.7	7.7		
c. Burkitt (BL)	0	1	5	3	7	9	16	2.0	2.5	1.8	2.7	0	1	2	2	1	5	6	1.1	1.0		
d. Lymphoreticular	2	9	3	3	1	17	18	4.2	3.4	2.4	2.6	1	3	1	2	0	7	7	1.8	1.4		
e. Unspecified	2	0	0	0	1	2	3	0.5	0.6	-	1.5	0	0	0	0	2	0	2	-	0.3		
<b>III CNS NEOPLASMS †</b>	10	47	68	53	47	178	225	40.5	38.3	1.1	1.0	13	42	54	52	59	161	220	38.5	38.9		
a. Ependymoma	2	5	4	4	2	15	17	3.5	3.0	1.9	1.5	0	5	2	1	3	8	11	2.1	2.1		
b. Astrocytoma	4	13	27	24	15	68	83	15.2	13.9	0.9	0.9	5	18	20	30	15	73	88	17.2	15.6		
c. CNS embryonal	1	11	15	10	6	37	43	8.5	7.4	1.4	1.4	5	7	10	5	3	27	30	6.7	5.6		
d. Other gliomas	0	9	12	6	4	27	31	6.2	5.4	1.0	0.9	0	5	16	5	7	26	33	6.1	5.8		
e. Other specified	2	5	5	5	16	17	33	3.9	5.4	0.8	0.7	2	4	6	10	26	22	48	5.1	8.0		
f. Unspecified CNS	1	4	5	4	4	14	18	3.2	3.1	2.8	1.8	1	3	0	1	5	5	10	1.3	1.8		
<b>IV NEUROBLASTOMA</b>	19	30	4	1	2	54	56	14.1	11.3	1.0	1.0	18	26	9	1	1	54	55	14.6	11.4		
a. (Ganglio)neuroblastoma	19	28	4	1	1	52	53	13.6	10.7	1.0	1.0	18	26	9	1	1	54	55	14.6	11.4		
b. Peripheral nervous	0	2	0	0	1	2	3	0.5	0.6	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	10	12	0	0	0	22	22	5.9	4.5	2.0	2.0	5	6	0	0	0	11	11	3.1	2.4		
<b>VI RENAL TUMOURS</b>	5	16	11	2	2	34	36	8.4	6.8	0.9	0.8	9	18	11	2	4	40	44	10.5	8.8		
a. Nephroblastoma	5	16	10	2	0	33	33	8.2	6.4	0.9	0.8	8	18	11	1	1	38	39	10.0	7.9		
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.3	0.0	0.4	1	0	0	1	3	2	5	0.5	0.8		
c. Unspecified	0	0	1	0	0	1	1	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	3	8	1	1	2	13	15	3.3	2.9	3.3	3.0	2	1	0	1	1	4	5	1.0	1.0		
a. Hepatoblastoma	3	8	1	1	0	13	13	3.3	2.6	4.3	4.3	2	1	0	0	0	3	3	0.8	0.6		
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	0.3	0.0	1.0	0	0	0	1	1	1	2	0.2	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	7	13	17	20	37	4.1	5.6	0.7	0.9	0	4	7	18	14	29	43	6.4	7.1		
a. Osteosarcoma	0	0	4	4	6	8	14	1.7	2.2	0.4	0.5	0	0	5	14	9	19	28	4.0	4.5		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.1	0.0	1.0	0	1	0	0	0	1	1	0.3	0.2		
c. Ewing & related	0	0	3	8	10	11	21	2.2	3.2	1.6	2.3	0	2	2	3	2	7	9	1.6	1.6		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	2	2	4	0.5	0.7		
e. Unspecified	0	0	0	1	0	1	1	0.2	0.1	-	1.0	0	0	0	0	1	0	1	-	0.2		
<b>IX SOFT TISSUE SARCOMA</b>	6	14	10	16	32	46	78	10.6	12.9	1.1	1.4	1	14	16	10	16	41	57	9.9	10.2		
a. Rhabdomyosarcoma	0	11	7	4	9	22	31	5.3	5.4	1.0	1.3	0	11	9	1	2	21	23	5.4	4.5		
b. Fibrosarcoma	3	0	0	1	2	4	6	1.0	1.1	1.3	2.0	1	0	1	1	0	3	3	0.7	0.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	2	1	3	7	17	13	30	2.8	4.7	0.9	1.2	0	3	6	5	11	14	25	3.2	4.2		
e. Unspecified	1	2	0	4	4	7	11	1.6	1.8	2.3	1.8	0	0	0	3	3	3	6	0.6	0.9		
<b>X GERM CELL TUMOURS</b>	2	6	2	7	34	17	51	3.9	8.0	0.5	1.1	5	6	7	14	16	32	48	7.5	8.3		
a. CNS germ cell ‡	0	2	2	6	8	10	18	2.1	2.8	1.7	3.0	1	3	2	0	0	6	6	1.6	1.2		
b. Other extragonadal	1	2	0	0	1	3	4	0.8	0.8	0.8	0.8	3	1	0	0	1	4	5	1.1	1.0		
c. Gonadal germ cell	1	2	0	1	24	4	28	1.0	4.3	0.2	0.9	1	2	5	12	11	20	31	4.4	5.1		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	0	1	2	1	3	0.2	0.5		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.2	0.5		
<b>XI CARCINOMA &amp; MELANOMA</b>	3	3	5	16	30	27	57	5.8	8.9	0.7	0.5	4	5	9	20	73	38	111	8.7	18.0		
a. Adrenocortical	0	1	0	0	0	1	1	0.3	0.2	0.5	0.5	1	0	1	0	0	2	2	0.5	0.4		
b. Thyroid	0	2	0	3	12	5	17	1.1	2.6	0.3	0.3	0	0	3	13	39	16	55	3.3	8.6		
c. Nasopharyngeal	0	0	2	4	2	6	8	1.2	1.2	-	8.0	0	0	0	0	1	0	1	-	0.2		
d. Melanoma	3	0	3	4	5	10	15	2.2	2.5	0.9	0.6	3	3	3	2	16	11	27	2.8	4.6		
e. Skin carcinoma	0	0	0	1	1	1	2	0.2	0.3	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	4	10	4	14	0.8	2.1	0.4	0.5	0	2	2	5	17	9	26	2.0	4.2		
<b>XII OTHER &amp; UNSPECIFIED</b>	2	2	0	2	1	6	7	1.5	1.3	3.0	1.8	0	1	1	0	2	2	4	0.5	0.7		
a. Other specified	1	1	0	0	0	2	2	0.5	0.4	2.0	0.7	0	1	0	0	2	1	3	0.3	0.5		
b. Other unspecified	1	1	0	2	1	4	5	0.9	0.9	4.0	5.0	0	0	1	0	0	1	1	0.2	0.2		
<b>TOTAL</b>	83	250	191	199	288	723	1011	169.6	173.7	1.2	1.1	66	215	154	183	285	618	903	151.4	161.4		

† includes 52 non-malignant in males and 52 non-malignant in females ‡ includes 2 non-malignant in males and 5 non-malignant in females

Please consult the quality indicators for this registry

## USA, Arkansas (1998-2012)

	Age group	Males	Females
Person-years	0	292 692	278 095
	1-4	1 159 198	1 108 898
	5-9	1 455 153	1 389 554
	10-14	1 500 345	1 428 805
	15-19	1 535 984	1 452 616
Total	0-14	4 407 388	4 205 352
	0-19	5 943 372	5 657 968
Average annual population	0-14	293 826	280 357
	0-19	396 225	377 198

Please consult the quality indicators for this registry