

## USA, Ohio, 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
<b>I LEUKAEMIA</b>	8	59	39	47	49	153	202	23.2	100.0	21.1	100.0	20.8	39.1	20.3	24.2	25.9	27.2	27.0	399	529	96.5	2.0
a. Lymphoid	1	41	27	29	27	98	125	14.9	64.1	13.0	61.9	2.6	27.2	14.0	14.9	14.3	17.4	16.7	256	327	99.2	0.8
b. Acute myeloid	5	12	8	9	11	34	45	5.2	22.2	4.7	22.3	13.0	7.9	4.2	4.6	5.8	6.2	6.1	89	118	97.8	0.0
c. CMD	0	0	2	6	7	8	15	1.2	5.2	1.6	7.4	-	-	1.0	3.1	3.7	1.2	1.8	21	39	93.3	0.0
d. MDS & other	1	5	0	3	2	9	11	1.4	5.9	1.1	5.4	2.6	3.3	-	1.5	1.1	1.7	1.5	24	29	100.0	0.0
e. Unspecified	1	1	2	0	2	4	6	0.6	2.6	0.6	3.0	2.6	0.7	1.0	-	1.1	0.7	0.8	10	16	33.3	50.0
<b>II LYMPHOMA &amp; RELATED</b>	2	9	19	38	74	68	142	10.3	100.0	14.8	100.0	5.2	6.0	9.9	19.6	39.2	11.1	17.4	176	372	97.9	0.0
a. Hodgkin	0	1	7	16	49	24	73	3.6	35.3	7.6	51.4	-	0.7	3.6	8.2	25.9	3.8	8.8	62	192	98.6	0.0
b. Non-Hodgkin except BL	0	3	8	21	21	32	53	4.9	47.1	5.5	37.3	-	2.0	4.2	10.8	11.1	5.1	6.4	83	138	96.2	0.0
c. Burkitt (BL)	0	0	2	1	3	3	6	0.5	4.4	0.6	4.2	-	-	1.0	0.5	1.6	0.5	0.7	8	16	100.0	0.0
d. Lymphoreticular	2	5	1	0	0	8	8	1.2	11.8	0.8	5.6	5.2	3.3	0.5	-	-	1.6	1.2	21	21	100.0	0.0
e. Unspecified	0	0	1	0	1	1	2	0.2	1.5	0.2	1.4	-	-	0.5	-	0.5	0.2	0.2	3	5	100.0	0.0
<b>III CNS NEOPLASMS †</b>	9	40	71	53	55	173	228	26.3	100.0	23.8	100.0	23.4	26.5	36.9	27.3	29.1	29.8	29.7	450	596	74.6	2.2
a. Ependymoma	2	6	9	2	1	19	20	2.9	11.0	2.1	8.8	5.2	4.0	4.7	1.0	0.5	3.4	2.8	50	52	95.0	5.0
b. Astrocytoma	3	16	24	22	18	65	83	9.9	37.6	8.7	36.4	7.8	10.6	12.5	11.3	9.5	11.2	10.8	169	217	78.3	0.0
c. CNS embryonal	2	10	7	4	8	23	31	3.5	13.3	3.2	13.6	5.2	6.6	3.6	2.1	4.2	4.2	4.2	60	81	100.0	0.0
d. Other gliomas	0	3	19	10	4	32	36	4.9	18.5	3.8	15.8	-	2.0	9.9	5.1	2.1	5.3	4.6	83	94	36.1	0.0
e. Other specified	2	2	10	11	24	25	49	3.8	14.5	5.1	21.5	5.2	1.3	5.2	5.7	12.7	4.1	6.1	65	128	77.6	0.0
f. Unspecified CNS	0	3	2	4	0	9	9	1.4	5.2	0.9	3.9	-	2.0	1.0	2.1	-	1.5	1.2	23	23	44.4	44.4
<b>IV NEUROBLASTOMA</b>	10	30	5	1	2	46	48	7.0	100.0	5.0	100.0	25.9	19.9	2.6	0.5	1.1	9.2	7.3	121	126	97.9	0.0
a. (Ganglio)neuroblastoma	10	30	4	1	1	45	46	6.8	97.8	4.8	95.8	25.9	19.9	2.1	0.5	0.5	9.0	7.1	118	121	97.8	0.0
b. Peripheral nervous	0	0	1	0	1	1	2	0.2	2.2	0.2	4.2	-	-	0.5	-	0.5	0.2	0.2	3	5	100.0	0.0
<b>V RETINOBLASTOMA</b>	13	23	2	0	0	38	38	5.8	100.0	4.0	100.0	33.7	15.2	1.0	-	-	7.7	6.0	100	100	92.1	0.0
<b>VI RENAL TUMOURS</b>	8	26	7	4	3	45	48	6.8	100.0	5.0	100.0	20.8	17.2	3.6	2.1	1.6	8.7	7.1	118	126	100.0	0.0
a. Nephroblastoma	8	26	6	2	0	42	42	6.4	93.3	4.4	87.5	20.8	17.2	3.1	1.0	-	8.2	6.4	110	110	100.0	0.0
b. Renal carcinoma	0	0	1	2	3	3	6	0.5	6.7	0.6	12.5	-	-	0.5	1.0	1.6	0.5	0.7	8	16	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	2	7	1	1	1	11	12	1.7	100.0	1.3	100.0	5.2	4.6	0.5	0.5	0.5	2.2	1.8	29	32	91.7	0.0
a. Hepatoblastoma	2	6	1	1	0	10	10	1.5	90.9	1.0	83.3	5.2	4.0	0.5	0.5	-	2.0	1.5	26	26	100.0	0.0
b. Hepatic carcinoma	0	1	0	0	1	1	2	0.2	9.1	0.2	16.7	-	0.7	-	-	0.5	0.2	0.3	3	5	50.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	1	6	19	20	26	46	3.9	100.0	4.8	100.0	-	0.7	3.1	9.8	10.6	4.0	5.5	67	120	100.0	0.0
a. Osteosarcoma	0	0	6	15	16	21	37	3.2	80.8	3.9	80.4	-	-	3.1	7.7	8.5	3.2	4.4	54	97	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.1	2.2	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
c. Ewing & related	0	0	0	4	1	4	5	0.6	15.4	0.5	10.9	-	-	-	2.1	0.5	0.6	0.6	10	13	100.0	0.0
d. Other specified	0	0	0	0	2	0	2	-	-	0.2	4.3	-	-	-	-	1.1	-	0.2	-	5	100.0	0.0
e. Unspecified	0	1	0	0	0	1	1	0.2	3.8	0.1	2.2	-	0.7	-	-	-	0.2	0.2	3	3	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	4	15	16	22	23	57	80	8.6	100.0	8.3	100.0	10.4	9.9	8.3	11.3	12.2	9.9	10.4	148	209	100.0	0.0
a. Rhabdomyosarcoma	0	9	9	9	6	27	33	4.1	47.4	3.4	41.3	-	6.0	4.7	4.6	3.2	4.7	4.4	70	86	100.0	0.0
b. Fibrosarcoma	2	2	0	3	5	7	12	1.1	12.3	1.3	15.0	5.2	1.3	-	1.5	2.6	1.3	1.6	18	32	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	2	3	7	10	8	22	30	3.3	38.6	3.1	37.5	5.2	2.0	3.6	5.1	4.2	3.7	3.8	57	78	100.0	0.0
e. Unspecified	0	1	0	0	4	1	5	0.2	1.8	0.5	6.3	-	0.7	-	-	2.1	0.2	0.6	3	13	100.0	0.0
<b>X GERM CELL TUMOURS</b>	3	5	3	13	22	24	46	3.6	100.0	4.8	100.0	7.8	3.3	1.6	6.7	11.6	4.1	5.8	62	121	95.7	0.0
a. CNS germ cell ‡	0	0	1	6	2	7	9	1.1	29.2	0.9	19.6	-	-	0.5	3.1	1.1	1.1	1.1	18	23	77.8	0.0
b. Other extragonadal	3	3	0	1	4	7	11	1.1	29.2	1.1	23.9	7.8	2.0	-	0.5	2.1	1.4	1.5	18	29	100.0	0.0
c. Gonadal germ cell	0	2	2	5	12	9	21	1.4	37.5	2.2	45.7	-	1.3	1.0	2.6	6.4	1.5	2.6	23	55	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	1	4	1	5	0.2	4.2	0.5	10.9	-	-	-	0.5	2.1	0.1	0.6	3	13	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	3	2	13	48	18	66	2.7	100.0	6.9	100.0	-	2.0	1.0	6.7	25.4	2.9	8.0	47	174	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.2	5.6	0.1	1.5	-	0.7	-	-	-	0.2	0.2	3	3	100.0	0.0
b. Thyroid	0	0	0	6	20	6	26	0.9	33.3	2.7	39.4	-	-	-	3.1	10.6	0.9	3.1	15	68	100.0	0.0
c. Nasopharyngeal	0	0	0	1	7	1	8	0.2	5.6	0.8	12.1	-	-	-	0.5	3.7	0.1	0.9	3	21	100.0	0.0
d. Melanoma	0	1	1	0	5	2	7	0.3	11.1	0.7	10.6	-	0.7	0.5	-	2.6	0.4	0.9	5	18	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	1	1	6	16	8	24	1.2	44.4	2.5	36.4	-	0.7	0.5	3.1	8.5	1.3	2.9	21	63	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	3	0	3	-	-	0.3	100.0	-	-	-	-	1.6	-	0.4	-	8	66.7	33.3
a. Other specified	0	0	0	0	1	0	1	-	-	0.1	33.3	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
b. Other unspecified	0	0	0	0	2	0	2	-	-	0.2	66.7	-	-	-	-	1.1	-	0.2	-	5	50.0	50.0
<b>TOTAL</b>	59	218	171	211	300	659	959	100.0	100.0	100.0	100.0	153.1	144.4	89.0	108.6	158.8	116.8	126.2	1718	2512	92.1	1.0

† includes 55 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

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

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	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			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
<b>I LEUKAEMIA</b>	4	30	27	30	26	91	117	31.4	30.4	1.5	1.4	4	29	12	17	23	62	85	23.0	23.4		
a. Lymphoid	0	22	23	18	15	63	78	21.7	20.3	1.8	1.7	1	19	4	11	12	35	47	13.0	13.0		
b. Acute myeloid	2	5	3	7	4	17	21	5.9	5.5	1.0	0.9	3	7	5	2	7	17	24	6.5	6.7		
c. CMD	0	0	1	3	4	4	8	1.2	1.9	1.0	1.1	0	0	1	3	3	4	7	1.3	1.7		
d. MDS & other	1	3	0	2	2	6	8	2.2	2.2	2.0	2.7	0	2	0	1	0	3	3	1.1	0.9		
e. Unspecified	1	0	0	0	1	1	2	0.4	0.5	0.3	0.5	0	1	2	0	1	3	4	1.1	1.1		
<b>II LYMPHOMA &amp; RELATED</b>	2	7	14	24	44	47	91	15.3	22.1	2.2	1.8	0	2	5	14	30	21	51	6.8	12.6		
a. Hodgkin	0	1	5	6	25	12	37	3.8	8.8	1.0	1.0	0	0	2	10	24	12	36	3.7	8.7		
b. Non-Hodgkin except BL	0	2	6	17	15	25	40	7.8	9.5	3.6	3.1	0	1	2	4	6	7	13	2.3	3.3		
c. Burkitt (BL)	0	0	2	1	3	3	6	1.0	1.4	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	2	4	0	0	0	6	6	2.4	1.9	3.0	3.0	0	1	1	0	0	2	2	0.8	0.6		
e. Unspecified	0	0	1	0	1	1	2	0.3	0.5	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS †</b>	5	21	30	23	27	79	106	27.1	27.3	0.8	0.9	4	19	41	30	28	94	122	32.7	32.1		
a. Ependymoma	2	4	4	0	1	10	11	3.7	3.1	1.1	1.2	0	2	5	2	0	9	9	3.1	2.4		
b. Astrocytoma	1	10	10	10	12	31	43	10.7	11.1	0.9	1.1	2	6	14	12	6	34	40	11.7	10.6		
c. CNS embryonal	1	2	1	3	5	7	12	2.4	3.0	0.4	0.6	1	8	6	1	3	16	19	6.1	5.4		
d. Other gliomas	0	1	10	4	3	15	18	4.9	4.5	0.9	1.0	0	2	9	6	1	17	18	5.7	4.7		
e. Other specified	1	1	4	5	6	11	17	3.6	4.2	0.8	0.5	1	1	6	6	18	14	32	4.7	8.0		
f. Unspecified CNS	0	3	1	1	0	5	5	1.8	1.4	1.3	1.3	0	0	1	3	0	4	4	1.3	1.0		
<b>IV NEUROBLASTOMA</b>	6	16	4	0	2	26	28	10.2	8.3	1.3	1.4	4	14	1	1	0	20	20	8.1	6.3		
a. (Ganglioneuroblastoma	6	16	3	0	1	25	26	9.8	7.9	1.3	1.3	4	14	1	1	0	20	20	8.1	6.3		
b. Peripheral nervous	0	0	1	0	1	1	2	0.3	0.5	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	7	9	1	0	0	17	17	6.8	5.2	0.8	0.8	6	14	1	0	0	21	21	8.6	6.7		
<b>VI RENAL TUMOURS</b>	4	13	2	3	3	22	25	8.4	7.2	1.0	1.1	4	13	5	1	0	23	23	9.1	7.0		
a. Nephroblastoma	4	13	2	1	0	20	20	7.8	6.0	0.9	0.9	4	13	4	1	0	22	22	8.7	6.8		
b. Renal carcinoma	0	0	0	2	3	2	5	0.6	1.2	2.0	5.0	0	0	1	0	0	1	1	0.3	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	2	7	1	1	1	11	12	4.2	3.5	-	-	0	0	0	0	0	0	0	-	-		
a. Hepatoblastoma	2	6	1	1	0	10	10	3.8	3.0	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	1	0	0	1	1	2	0.4	0.5	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	1	2	12	14	15	29	4.6	6.8	1.4	1.7	0	0	4	7	6	11	17	3.5	4.2		
a. Osteosarcoma	0	0	2	10	11	12	23	3.6	5.4	1.3	1.6	0	0	4	5	5	9	14	2.9	3.5		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	2	1	2	3	0.6	0.7	1.0	1.5	0	0	0	2	0	2	2	0.6	0.5		
d. Other specified	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
e. Unspecified	0	1	0	0	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	1	11	9	14	14	35	49	11.9	12.5	1.6	1.6	3	4	7	8	9	22	31	7.7	8.2		
a. Rhabdomyosarcoma	0	8	5	7	3	20	23	6.9	6.1	2.9	2.3	0	1	4	2	3	7	10	2.4	2.6		
b. Fibrosarcoma	1	1	0	1	3	3	6	1.1	1.6	0.8	1.0	1	1	0	2	2	4	6	1.4	1.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	4	6	7	11	18	3.5	4.3	1.0	1.5	2	2	3	4	1	11	12	3.9	3.3		
e. Unspecified	0	1	0	0	1	1	2	0.4	0.5	-	0.7	0	0	0	0	3	0	3	-	0.7		
<b>X GERM CELL TUMOURS</b>	1	0	0	2	7	3	10	1.0	2.4	0.1	0.3	2	5	3	11	15	21	36	7.3	9.3		
a. CNS germ cell ‡	0	0	0	2	1	2	3	0.6	0.7	0.4	0.5	0	0	1	4	1	5	6	1.6	1.5		
b. Other extragonadal	1	0	0	0	1	1	2	0.4	0.5	0.2	0.2	2	3	0	1	3	6	9	2.4	2.6		
c. Gonadal germ cell	0	0	0	0	5	0	5	-	1.2	0.0	0.3	0	2	2	5	7	9	16	3.0	4.1		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	0.3	1.2		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	2	3	16	6	22	1.9	5.2	0.5	0.5	0	2	0	10	32	12	44	3.9	10.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.4	0.3		
b. Thyroid	0	0	0	0	4	0	4	-	0.9	0.0	0.2	0	0	0	6	16	6	22	1.8	5.3		
c. Nasopharyngeal	0	0	0	1	5	1	6	0.3	1.4	-	3.0	0	0	0	0	2	0	2	-	0.5		
d. Melanoma	0	0	1	0	1	1	2	0.3	0.5	1.0	0.4	0	1	0	0	4	1	5	0.4	1.3		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	1	1	2	6	4	10	1.3	2.4	1.0	0.7	0	0	0	4	10	4	14	1.2	3.4		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	1	0	1	-	0.2	-	0.5	0	0	0	0	2	0	2	-	0.5		
a. Other specified	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5		
<b>TOTAL</b>	32	116	92	112	155	352	507	122.8	131.3	1.1	1.1	27	102	79	99	145	307	452	110.6	121.0		

† includes 20 non-malignant in males and 35 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

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

	Age group	Males	Females
Person-years	0	195 229	190 176
	1-4	767 538	742 391
	5-9	975 849	946 492
	10-14	989 871	953 712
	15-19	964 198	925 416
Total	0-14	2 928 487	2 832 771
	0-19	3 892 685	3 758 187
Average annual population	0-14	195 232	188 851
	0-19	259 512	250 546

Please consult the quality indicators for this registry