

USA, Pennsylvania, 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		
I LEUKAEMIA	10	60	44	61	49	175	224	24.0	100.0	21.3	100.0	27.4	43.9	25.0	32.6	25.9	33.2	31.6	491	620	99.1	0.4
a. Lymphoid	3	44	35	41	23	123	146	16.9	70.3	13.9	65.2	8.2	32.2	19.9	21.9	12.2	23.3	20.8	345	406	99.3	0.0
b. Acute myeloid	6	14	9	12	21	41	62	5.6	23.4	5.9	27.7	16.4	10.2	5.1	6.4	11.1	8.0	8.7	115	171	98.4	1.6
c. CMD	1	0	0	4	4	5	9	0.7	2.9	0.9	4.0	2.7	-	-	2.1	2.1	0.8	1.1	14	24	100.0	0.0
d. MDS & other	0	2	0	2	0	4	4	0.5	2.3	0.4	1.8	-	1.5	-	1.1	-	0.8	0.6	11	11	100.0	0.0
e. Unspecified	0	0	0	2	1	2	3	0.3	1.1	0.3	1.3	-	-	-	1.1	0.5	0.3	0.4	5	8	100.0	0.0
II LYMPHOMA & RELATED	2	8	30	45	93	85	178	11.7	100.0	16.9	100.0	5.5	5.9	17.1	24.1	49.2	14.7	22.5	235	481	97.8	0.6
a. Hodgkin	0	3	9	19	53	31	84	4.3	36.5	8.0	47.2	-	2.2	5.1	10.2	28.1	5.3	10.4	85	225	98.8	0.0
b. Non-Hodgkin except BL	0	3	13	25	37	41	78	5.6	48.2	7.4	43.8	-	2.2	7.4	13.4	19.6	6.9	9.8	113	211	96.2	1.3
c. Burkitt (BL)	0	2	7	1	3	10	13	1.4	11.8	1.2	7.3	-	1.5	4.0	0.5	1.6	1.9	1.8	28	36	100.0	0.0
d. Lymphoreticular	2	0	1	0	0	3	3	0.4	3.5	0.3	1.7	5.5	-	0.6	-	-	0.6	0.5	9	9	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	14	50	65	41	55	170	225	23.3	100.0	21.4	100.0	38.3	36.6	37.0	21.9	29.1	32.6	31.8	480	625	75.6	0.0
a. Ependymoma	3	5	2	2	5	12	17	1.6	7.1	1.6	7.6	8.2	3.7	1.1	1.1	2.6	2.5	2.5	34	47	94.1	0.0
b. Astrocytoma	6	23	24	22	21	75	96	10.3	44.1	9.1	42.7	16.4	16.8	13.7	11.8	11.1	14.3	13.6	211	267	78.1	0.0
c. CNS embryonal	2	10	11	6	2	29	31	4.0	17.1	2.9	13.8	5.5	7.3	6.3	3.2	1.1	5.6	4.6	82	87	100.0	0.0
d. Other gliomas	1	10	14	3	9	28	37	3.8	16.5	3.5	16.4	2.7	7.3	8.0	1.6	4.8	5.5	5.3	80	103	40.5	0.0
e. Other specified	1	2	14	7	16	24	40	3.3	14.1	3.8	17.8	2.7	1.5	8.0	3.7	8.5	4.3	5.3	67	110	77.5	0.0
f. Unspecified CNS	1	0	0	1	2	2	4	0.3	1.2	0.4	1.8	2.7	-	-	0.5	1.1	0.4	0.5	6	11	50.0	0.0
IV NEUROBLASTOMA	20	37	5	1	1	63	64	8.6	100.0	6.1	100.0	54.8	27.1	2.8	0.5	0.5	13.8	10.8	182	184	100.0	0.0
a. (Ganglio)neuroblastoma	20	36	4	0	1	60	61	8.2	95.2	5.8	95.3	54.8	26.4	2.3	-	0.5	13.3	10.4	173	176	100.0	0.0
b. Peripheral nervous	0	1	1	1	0	3	3	0.4	4.8	0.3	4.7	-	0.7	0.6	0.5	-	0.6	0.4	8	8	100.0	0.0
V RETINOBLASTOMA	15	11	0	0	0	26	26	3.6	100.0	2.5	100.0	41.1	8.1	-	-	-	5.8	4.5	75	75	76.9	0.0
VI RENAL TUMOURS	3	37	10	5	1	55	56	7.5	100.0	5.3	100.0	8.2	27.1	5.7	2.7	0.5	11.6	9.1	157	160	98.2	0.0
a. Nephroblastoma	3	37	7	1	1	48	49	6.6	87.3	4.7	87.5	8.2	27.1	4.0	0.5	0.5	10.4	8.2	138	141	100.0	0.0
b. Renal carcinoma	0	0	3	4	0	7	7	1.0	12.7	0.7	12.5	-	-	1.7	2.1	-	1.2	0.9	19	19	85.7	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	7	1	1	1	11	12	1.5	100.0	1.1	100.0	5.5	5.1	0.6	0.5	0.5	2.4	1.9	32	34	100.0	0.0
a. Hepatoblastoma	2	7	1	0	0	10	10	1.4	90.9	0.9	83.3	5.5	5.1	0.6	-	-	2.2	1.7	29	29	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	9.1	0.2	16.7	-	-	-	0.5	0.5	0.2	0.2	3	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	4	6	21	12	31	43	4.3	100.0	4.1	100.0	-	2.9	3.4	11.2	6.4	5.3	5.5	85	117	100.0	0.0
a. Osteosarcoma	0	0	6	17	11	23	34	3.2	74.2	3.2	79.1	-	-	3.4	9.1	5.8	3.7	4.2	63	92	100.0	0.0
b. Chondrosarcoma	0	0	0	1	0	1	1	0.1	3.2	0.1	2.3	-	-	-	0.5	-	0.2	0.1	3	3	100.0	0.0
c. Ewing & related	0	3	0	2	1	5	6	0.7	16.1	0.6	14.0	-	2.2	-	1.1	0.5	1.0	0.9	14	17	100.0	0.0
d. Other specified	0	0	0	1	0	1	1	0.1	3.2	0.1	2.3	-	-	-	0.5	-	0.2	0.1	3	3	100.0	0.0
e. Unspecified	0	1	0	0	0	1	1	0.1	3.2	0.1	2.3	-	0.7	-	-	-	0.2	0.2	3	3	100.0	0.0
IX SOFT TISSUE SARCOMA	6	14	15	25	36	60	96	8.2	100.0	9.1	100.0	16.4	10.2	8.5	13.4	19.1	11.1	12.9	167	263	94.8	0.0
a. Rhabdomyosarcoma	0	10	10	6	7	26	33	3.6	43.3	3.1	34.4	-	7.3	5.7	3.2	3.7	5.0	4.7	73	92	100.0	0.0
b. Fibrosarcoma	4	2	3	3	4	12	16	1.6	20.0	1.5	16.7	11.0	1.5	1.7	1.6	2.1	2.4	2.3	34	44	75.0	0.0
c. Kaposi sarcoma	0	0	0	1	5	1	6	0.1	1.7	0.6	6.3	-	-	-	0.5	2.6	0.2	0.7	3	16	100.0	0.0
d. Other specified	2	1	2	12	17	17	34	2.3	28.3	3.2	35.4	5.5	0.7	1.1	6.4	9.0	2.9	4.3	46	91	100.0	0.0
e. Unspecified	0	1	0	3	3	4	7	0.5	6.7	0.7	7.3	-	0.7	-	1.6	1.6	0.7	0.9	11	19	85.7	0.0
X GERM CELL TUMOURS	5	2	5	10	20	22	42	3.0	100.0	4.0	100.0	13.7	1.5	2.8	5.4	10.6	4.0	5.5	61	114	97.6	0.0
a. CNS germ cell	1	0	3	2	1	6	7	0.8	27.3	0.7	16.7	2.7	-	1.7	1.1	0.5	1.1	1.0	17	19	85.7	0.0
b. Other extragonadal	4	1	0	0	2	5	7	0.7	22.7	0.7	16.7	11.0	0.7	-	-	1.1	1.1	1.1	14	20	100.0	0.0
c. Gonadal germ cell	0	1	2	7	15	10	25	1.4	45.5	2.4	59.5	-	0.7	1.1	3.7	7.9	1.7	3.1	27	67	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	2	1	3	0.1	4.5	0.3	7.1	-	-	-	0.5	1.1	0.2	0.4	3	8	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	3	2	5	18	53	28	81	3.8	100.0	7.7	100.0	8.2	1.5	2.8	9.6	28.1	4.8	10.1	77	217	100.0	0.0
a. Adrenocortical	0	1	0	1	0	2	2	0.3	7.1	0.2	2.5	-	0.7	-	0.5	-	0.4	0.3	6	6	100.0	0.0
b. Thyroid	0	0	2	5	18	7	25	1.0	25.0	2.4	30.9	-	-	1.1	2.7	9.5	1.1	3.0	19	67	100.0	0.0
c. Nasopharyngeal	0	0	0	5	12	5	17	0.7	17.9	1.6	21.0	-	-	-	2.7	6.4	0.8	2.0	13	45	100.0	0.0
d. Melanoma	1	1	3	0	1	5	6	0.7	17.9	0.6	7.4	2.7	0.7	1.7	-	0.5	1.0	0.9	14	17	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	2	0	0	7	22	9	31	1.2	32.1	2.9	38.3	5.5	-	-	3.7	11.6	1.5	3.8	25	83	100.0	0.0
XII OTHER & UNSPECIFIED	1	0	2	0	3	3	6	0.4	100.0	0.6	100.0	2.7	-	1.1	-	1.6	0.6	0.8	9	17	66.7	0.0
a. Other specified	1	0	1	0	0	2	2	0.3	66.7	0.2	33.3	2.7	-	0.6	-	-	0.4	0.3	6	6	100.0	0.0
b. Other unspecified	0	0	1	0	3	1	4	0.1	33.3	0.4	66.7	-	-	0.6	-	1.6	0.2	0.5	3	11	50.0	0.0
TOTAL	81	232	188	228	324	729	1053	100.0	100.0	100.0	100.0	221.9	169.8	107.0	122.0	171.6	139.9	147.0	2049	2907	92.8	0.2

† includes 42 non-malignant

Please consult the quality indicators for this registry

USA, Pennsylvania, 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	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	2	35	29	38	31	104	135	38.3	36.9	1.5	1.5	8	25	15	23	18	71	89	27.9	26.0		
a. Lymphoid	0	27	25	25	16	77	93	28.5	25.8	1.7	1.8	3	17	10	16	7	46	53	17.9	15.6		
b. Acute myeloid	2	7	4	7	13	20	33	7.5	8.9	1.0	1.1	4	7	5	5	8	21	29	8.5	8.5		
c. CMD	0	0	0	4	1	4	5	1.2	1.2	4.0	1.3	1	0	0	0	3	1	4	0.5	1.1		
d. MDS & other	0	1	0	1	0	2	2	0.7	0.6	1.0	1.0	0	1	0	1	0	2	2	0.8	0.6		
e. Unspecified	0	0	0	1	1	1	2	0.3	0.5	1.0	2.0	0	0	0	1	0	1	1	0.3	0.2		
II LYMPHOMA & RELATED	1	6	20	27	58	54	112	18.5	27.9	1.7	1.7	1	2	10	18	35	31	66	10.8	16.9		
a. Hodgkin	0	3	7	11	27	21	48	7.2	11.9	2.1	1.3	0	0	2	8	26	10	36	3.3	8.9		
b. Non-Hodgkin except BL	0	2	8	15	29	25	54	8.3	13.2	1.6	2.3	0	1	5	10	8	16	24	5.5	6.2		
c. Burkitt (BL)	0	1	4	1	2	6	8	2.2	2.2	1.5	1.6	0	1	3	0	1	4	5	1.6	1.5		
d. Lymphoreticular	1	0	1	0	0	2	2	0.8	0.6	2.0	2.0	1	0	0	0	0	1	1	0.5	0.4		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	8	27	33	18	31	86	117	32.8	32.6	1.0	1.1	6	23	32	23	24	84	108	32.5	31.0		
a. Ependymoma	2	4	0	1	4	7	11	2.9	3.2	1.4	1.8	1	1	2	1	1	5	6	2.0	1.8		
b. Astrocytoma	4	10	13	10	11	37	48	13.9	13.3	1.0	1.0	2	13	11	12	10	38	48	14.7	13.9		
c. CNS embryonal	1	8	6	3	1	18	19	7.0	5.7	1.6	1.6	1	2	5	3	1	11	12	4.2	3.5		
d. Other gliomas	0	4	5	1	8	10	18	3.9	4.9	0.6	0.9	1	6	9	2	1	18	19	7.2	5.8		
e. Other specified	0	1	9	3	7	13	20	4.6	5.2	1.2	1.0	1	1	5	4	9	11	20	4.1	5.3		
f. Unspecified CNS	1	0	0	0	0	1	1	0.4	0.3	1.0	0.3	0	0	0	1	2	1	3	0.3	0.7		
IV NEUROBLASTOMA	10	22	1	1	0	34	34	14.7	11.4	1.2	1.1	10	15	4	0	1	29	30	12.9	10.2		
a. (Ganglio)neuroblastoma	10	22	1	0	0	33	33	14.4	11.2	1.2	1.2	10	14	3	0	1	27	28	12.0	9.6		
b. Peripheral nervous	0	0	0	1	0	1	1	0.3	0.2	0.5	0.5	0	1	1	0	0	2	2	0.8	0.6		
V RETINOBLASTOMA	10	6	0	0	0	16	16	7.0	5.5	1.6	1.6	5	5	0	0	0	10	10	4.5	3.5		
VI RENAL TUMOURS	1	26	5	4	0	36	36	14.9	11.5	1.9	1.8	2	11	5	1	0	19	20	8.1	6.5		
a. Nephroblastoma	1	26	3	0	0	30	30	13.0	10.0	1.7	1.6	2	11	4	1	1	18	19	7.7	6.2		
b. Renal carcinoma	0	0	2	4	0	6	6	1.9	1.5	6.0	6.0	0	0	1	0	0	1	1	0.4	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	5	0	1	1	7	8	2.9	2.5	1.8	2.0	1	2	1	0	0	4	4	1.7	1.3		
a. Hepatoblastoma	1	5	0	0	0	6	6	2.6	2.0	1.5	1.5	1	2	1	0	0	4	4	1.7	1.3		
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.3	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	-	-		
VIII BONE TUMOURS	0	3	3	9	10	15	25	5.1	6.3	0.9	1.4	0	1	3	12	2	16	18	5.4	4.7		
a. Osteosarcoma	0	0	3	7	9	10	19	3.2	4.6	0.8	1.3	0	0	3	10	2	13	15	4.3	3.8		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	2	0	1	1	3	4	1.2	1.2	1.5	2.0	0	1	0	1	0	2	2	0.8	0.6		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.2		
e. Unspecified	0	1	0	0	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	4	5	10	16	22	35	57	12.4	14.8	1.4	1.5	2	9	5	9	14	25	39	9.7	11.0		
a. Rhabdomyosarcoma	0	4	8	4	4	16	20	5.9	5.5	1.6	1.5	0	6	2	2	3	10	13	4.1	3.9		
b. Fibrosarcoma	3	1	0	1	2	5	7	2.1	2.1	0.7	0.8	1	1	3	2	2	7	9	2.7	2.6		
c. Kaposi sarcoma	0	0	0	1	4	1	5	0.3	1.2	-	5.0	0	0	0	0	1	0	1	-	0.2		
d. Other specified	1	0	2	9	11	12	23	3.9	5.6	2.4	2.1	1	1	0	3	6	5	11	1.9	2.9		
e. Unspecified	0	0	0	1	1	1	2	0.3	0.5	0.3	0.4	0	1	0	2	2	3	5	1.1	1.3		
X GERM CELL TUMOURS	2	0	2	3	7	7	14	2.5	3.6	0.5	0.5	3	2	3	7	13	15	28	5.6	7.5		
a. CNS germ cell	1	0	2	1	1	4	5	1.5	1.4	2.0	2.5	0	0	1	1	0	2	2	0.7	0.5		
b. Other extragonadal	1	0	0	0	0	1	1	0.4	0.3	0.3	0.2	3	1	0	0	2	4	6	1.8	1.9		
c. Gonadal germ cell	0	0	0	2	6	2	8	0.6	1.9	0.3	0.5	0	1	2	5	9	8	17	2.8	4.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.3	0.7		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	1	2	3	7	26	13	39	4.5	9.6	0.9	0.9	2	0	2	11	27	15	42	5.2	10.6		
a. Adrenocortical	0	1	0	0	0	1	1	0.4	0.3	1.0	1.0	0	0	0	1	0	1	1	0.3	0.2		
b. Thyroid	0	0	1	2	4	3	7	1.0	1.7	0.8	0.4	0	0	1	3	14	4	18	1.3	4.4		
c. Nasopharyngeal	0	0	0	3	10	3	13	0.9	3.0	1.5	3.3	0	0	0	2	2	2	4	0.6	1.0		
d. Melanoma	1	1	2	0	1	4	5	1.6	1.5	4.0	5.0	0	0	1	0	0	1	1	0.4	0.3		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	2	11	2	13	0.6	3.0	0.3	0.7	2	0	0	5	11	7	18	2.5	4.6		
XII OTHER & UNSPECIFIED	1	0	1	0	2	2	4	0.8	1.1	2.0	2.0	0	0	1	0	1	1	2	0.4	0.5		
a. Other specified	1	0	1	0	0	2	2	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	2	0	2	-	0.5	0.0	1.0	0	0	1	0	1	1	2	0.4	0.5		
TOTAL	41	137	107	124	188	409	597	154.6	163.6	1.3	1.3	40	95	81	104	136	320	456	124.7	129.8		

† includes 20 non-malignant in males and 22 non-malignant in females

Please consult the quality indicators for this registry

USA, Pennsylvania, Black (1998-2012)

	Age group	Males	Females
Person-years	0	185 348	179 758
	1-4	694 797	671 333
	5-9	895 054	861 865
	10-14	954 192	914 329
	15-19	965 467	923 076
Total	0-14	2 729 391	2 627 285
	0-19	3 694 858	3 550 361
Average annual population	0-14	181 959	175 152
	0-19	246 324	236 691

Please consult the quality indicators for this registry