

USA, Pennsylvania, Hispanic White (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	0-19			0-14	0-19
I LEUKAEMIA	8	30	17	15	19	70	89	34.1	100.0	28.8	100.0	55.7	51.9	25.3	23.2	29.1	35.3	33.9	506	652	97.8	1.1
a. Lymphoid	3	26	14	9	12	52	64	25.4	74.3	20.7	71.9	20.9	45.0	20.8	13.9	18.4	26.3	24.5	375	467	100.0	0.0
b. Acute myeloid	4	1	3	3	4	11	15	5.4	15.7	4.9	16.9	27.9	1.7	4.5	4.6	6.1	5.5	5.6	80	111	100.0	0.0
c. CMD	0	0	0	2	1	2	3	1.0	2.9	1.0	3.4	-	-	-	3.1	1.5	0.9	1.0	15	23	100.0	0.0
d. MDS & other	0	1	0	1	1	2	3	1.0	2.9	1.0	3.4	-	1.7	-	1.5	1.5	1.0	1.1	15	22	66.7	0.0
e. Unspecified	1	2	0	0	1	3	4	1.5	4.3	1.3	4.5	7.0	3.5	-	-	1.5	1.6	1.6	21	28	75.0	25.0
II LYMPHOMA & RELATED	0	5	5	12	28	22	50	10.7	100.0	16.2	100.0	-	8.7	7.4	18.6	42.9	10.5	17.8	165	379	98.0	0.0
a. Hodgkin	0	1	3	6	21	10	31	4.9	45.5	10.0	62.0	-	1.7	4.5	9.3	32.2	4.7	10.9	76	237	100.0	0.0
b. Non-Hodgkin except BL	0	4	1	2	6	7	13	3.4	31.8	4.2	26.0	-	6.9	1.5	3.1	9.2	3.5	4.8	51	97	92.3	0.0
c. Burkitt (BL)	0	0	1	2	1	3	4	1.5	13.6	1.3	8.0	-	-	1.5	3.1	1.5	1.4	1.4	23	31	100.0	0.0
d. Lymphoreticular	0	0	0	1	0	1	1	0.5	4.5	0.3	2.0	-	-	-	1.5	-	0.4	0.3	8	8	100.0	0.0
e. Unspecified	0	0	0	1	0	1	1	0.5	4.5	0.3	2.0	-	-	-	1.5	-	0.4	0.3	8	8	100.0	0.0
III CNS NEOPLASMS †	4	19	19	12	16	54	70	26.3	100.0	22.7	100.0	27.9	32.9	28.3	18.6	24.5	26.9	26.3	394	516	78.6	1.4
a. Ependymoma	2	3	0	0	1	5	6	2.4	9.3	1.9	8.6	13.9	5.2	-	-	1.5	2.7	2.4	35	42	100.0	0.0
b. Astrocytoma	1	10	7	8	8	26	34	12.7	48.1	11.0	48.6	7.0	17.3	10.4	12.4	12.3	12.9	12.7	190	252	88.2	0.0
c. CNS embryonal	1	3	3	0	0	7	7	3.4	13.0	2.3	10.0	7.0	5.2	4.5	-	-	3.6	2.8	50	50	100.0	0.0
d. Other gliomas	0	2	4	0	1	6	7	2.9	11.1	2.3	10.0	-	3.5	6.0	-	1.5	3.0	2.7	44	51	14.3	14.3
e. Other specified	0	1	5	4	6	10	16	4.9	18.5	5.2	22.9	-	1.7	7.4	6.2	9.2	4.7	5.7	75	121	68.8	0.0
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV NEUROBLASTOMA	4	2	0	1	0	7	7	3.4	100.0	2.3	100.0	27.9	3.5	-	1.5	-	3.7	2.8	49	49	100.0	0.0
a. (Ganglio)neuroblastoma	4	2	0	0	0	6	6	2.9	85.7	1.9	85.7	27.9	3.5	-	-	-	3.2	2.5	42	42	100.0	0.0
b. Peripheral nervous	0	0	0	1	0	1	1	0.5	14.3	0.3	14.3	-	-	-	1.5	-	0.4	0.3	8	8	100.0	0.0
V RETINOBLASTOMA	1	6	1	0	0	8	8	3.9	100.0	2.6	100.0	7.0	10.4	1.5	-	-	4.2	3.3	56	56	100.0	0.0
VI RENAL TUMOURS	2	4	2	0	1	8	9	3.9	100.0	2.9	100.0	13.9	6.9	3.0	-	1.5	4.2	3.6	56	64	100.0	0.0
a. Nephroblastoma	2	4	1	0	0	7	7	3.4	87.5	2.3	77.8	13.9	6.9	1.5	-	-	3.7	2.9	49	49	100.0	0.0
b. Renal carcinoma	0	0	1	0	1	1	2	0.5	12.5	0.6	22.2	-	-	1.5	-	1.5	0.5	0.7	7	15	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	0	1	0	1	0	2	2	1.0	100.0	0.6	100.0	-	1.7	-	1.5	-	1.0	0.8	15	15	100.0	0.0
a. Hepatoblastoma	0	1	0	0	0	1	1	0.5	50.0	0.3	50.0	-	1.7	-	-	-	0.5	0.4	7	7	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.5	50.0	0.3	50.0	-	-	-	1.5	-	0.4	0.3	8	8	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	0	0	4	3	4	7	2.0	100.0	2.3	100.0	-	-	-	6.2	4.6	1.8	2.4	31	54	85.7	14.3
a. Osteosarcoma	0	0	0	4	2	4	6	2.0	100.0	1.9	85.7	-	-	-	6.2	3.1	1.8	2.1	31	46	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	0	0	1	0	1	-	-	0.3	14.3	-	-	-	-	1.5	-	0.3	-	8	0.0	100.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	3	2	4	3	6	12	18	5.9	100.0	5.8	100.0	20.9	3.5	6.0	4.6	9.2	6.0	6.7	88	134	100.0	0.0
a. Rhabdomyosarcoma	2	2	2	0	2	6	8	2.9	50.0	2.6	44.4	13.9	3.5	3.0	-	3.1	3.1	3.1	43	58	100.0	0.0
b. Fibrosarcoma	0	0	0	1	1	1	2	0.5	8.3	0.6	11.1	-	-	-	1.5	1.5	0.4	0.7	8	15	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	0	1	2	2	4	6	2.0	33.3	1.9	33.3	7.0	-	1.5	3.1	3.1	1.9	2.2	30	45	100.0	0.0
e. Unspecified	0	0	1	0	1	1	2	0.5	8.3	0.6	11.1	-	-	1.5	-	1.5	0.5	0.7	7	15	100.0	0.0
X GERM CELL TUMOURS	2	3	1	3	11	9	20	4.4	100.0	6.5	100.0	13.9	5.2	1.5	4.6	16.9	4.5	7.3	65	150	100.0	0.0
a. CNS germ cell	1	1	0	3	1	5	6	2.4	55.6	1.9	30.0	7.0	1.7	-	4.6	1.5	2.4	2.2	37	45	100.0	0.0
b. Other extragonadal	1	1	0	0	3	2	5	1.0	22.2	1.6	25.0	7.0	1.7	-	-	4.6	1.1	1.9	14	37	100.0	0.0
c. Gonadal germ cell	0	1	1	0	6	2	8	1.0	22.2	2.6	40.0	-	1.7	1.5	-	9.2	1.0	2.9	14	60	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	-	0.3	5.0	-	-	-	-	1.5	-	0.3	-	8	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	1	3	4	19	8	27	3.9	100.0	8.7	100.0	-	1.7	4.5	6.2	29.1	3.8	9.5	60	206	96.3	0.0
a. Adrenocortical	0	0	1	0	0	1	1	0.5	12.5	0.3	3.7	-	-	1.5	-	-	0.5	0.4	7	7	100.0	0.0
b. Thyroid	0	0	0	0	7	0	7	-	-	2.3	25.9	-	-	-	-	10.7	-	2.4	-	54	100.0	0.0
c. Nasopharyngeal	0	0	0	1	2	1	3	0.5	12.5	1.0	11.1	-	-	-	1.5	3.1	0.4	1.0	8	23	100.0	0.0
d. Melanoma	0	1	2	2	3	5	8	2.4	62.5	2.6	29.6	-	1.7	3.0	3.1	4.6	2.4	2.9	37	60	87.5	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.3	3.7	-	-	-	-	1.5	-	0.3	-	8	100.0	0.0
f. Other & unspecified	0	0	0	1	6	1	7	0.5	12.5	2.3	25.9	-	-	-	1.5	9.2	0.4	2.4	8	54	100.0	0.0
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.5	100.0	0.6	100.0	-	1.7	-	-	1.5	0.5	0.8	7	15	50.0	0.0
a. Other specified	0	1	0	0	0	1	1	0.5	100.0	0.3	50.0	-	1.7	-	-	-	0.5	0.4	7	7	100.0	0.0
b. Other unspecified	0	0	0	0	1	0	1	-	-	0.3	50.0	-	-	-	-	1.5	-	0.3	-	8	0.0	0.0
TOTAL	24	74	52	55	104	205	309	100.0	100.0	100.0	100.0	167.2	128.1	77.4	85.1	159.3	102.3	115.1	1492	2289	93.2	1.0

† includes 17 non-malignant

Please consult the quality indicators for this registry

USA, Pennsylvania, Hispanic White (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	3	17	8	5	13	33	46	32.8	34.0	0.9	1.1	5	13	9	10	6	37	43	37.9	33.7		
a. Lymphoid	1	14	7	4	8	26	34	25.7	25.2	1.0	1.1	2	12	7	5	4	26	30	26.9	23.8		
b. Acute myeloid	1	0	1	1	3	3	6	2.9	4.2	0.4	0.7	3	1	2	2	1	8	9	8.2	7.1		
c. CMD	0	0	0	0	1	0	1	-	0.7	0.0	0.5	0	0	0	2	0	2	2	1.8	1.4		
d. MDS & other	0	1	0	0	0	1	1	1.0	0.8	1.0	0.5	0	0	0	1	1	1	2	0.9	1.4		
e. Unspecified	1	2	0	0	1	3	4	3.1	3.1	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	0	2	4	8	15	14	29	12.8	19.9	1.8	1.4	0	3	1	4	13	8	21	8.0	15.6		
a. Hodgkin	0	1	3	4	9	8	17	7.4	11.7	4.0	1.2	0	0	0	2	12	2	14	1.8	10.1		
b. Non-Hodgkin except BL	0	1	0	1	5	2	7	1.9	4.8	0.4	1.2	0	3	1	1	1	5	6	5.2	4.8		
c. Burkitt (BL)	0	0	1	2	1	3	4	2.7	2.7	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	0	0	1	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.9	0.7		
III CNS NEOPLASMS †	1	10	6	8	10	25	35	24.1	25.3	0.9	1.0	3	9	13	4	6	29	35	29.7	27.4		
a. Ependymoma	0	2	0	0	1	2	3	2.1	2.3	0.7	1.0	2	1	0	0	0	3	3	3.3	2.6		
b. Astrocytoma	0	6	3	7	5	16	21	15.2	15.1	1.6	1.6	1	4	4	1	3	10	13	10.4	10.2		
c. CNS embryonal	1	0	1	0	0	2	2	2.0	1.5	0.4	0.4	0	3	2	0	0	5	5	5.3	4.1		
d. Other gliomas	0	1	1	0	1	2	3	2.0	2.2	0.5	0.8	0	1	3	0	0	4	4	4.1	3.1		
e. Other specified	0	1	1	1	3	3	6	2.9	4.2	0.4	0.6	0	0	4	3	3	7	10	6.7	7.4		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IV NEUROBLASTOMA	2	1	0	0	0	3	3	3.1	2.4	0.8	0.8	2	1	0	1	0	4	4	4.2	3.3		
a. (Ganglio)neuroblastoma	2	1	0	0	0	3	3	3.1	2.4	1.0	1.0	2	1	0	0	0	3	3	3.3	2.6		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.9	0.7		
V RETINOBLASTOMA	0	3	0	0	0	3	3	3.1	2.4	0.6	0.6	1	3	1	0	0	5	5	5.4	4.2		
VI RENAL TUMOURS	1	4	1	0	0	6	6	6.2	4.8	3.0	2.0	1	0	1	0	1	2	3	2.1	2.3		
a. Nephroblastoma	1	4	1	0	0	6	6	6.2	4.8	6.0	6.0	1	0	0	0	0	1	1	1.1	0.9		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	2	1.0	1.5			
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	1	0	1	0	2	2	1.9	1.5	-	-	0	0	0	0	0	0	0	-	-		
a. Hepatoblastoma	0	1	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.9	0.7	-	-	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	0	0	2	3	2	5	1.8	3.3	1.0	2.5	0	0	0	2	0	2	2	1.8	1.4		
a. Osteosarcoma	0	0	0	2	2	2	4	1.8	2.7	1.0	2.0	0	0	0	2	0	2	2	1.8	1.4		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	0	1	0	1	-	0.7	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	2	1	1	2	5	7	4.9	5.2	0.7	0.6	2	0	3	2	4	7	11	7.0	8.3		
a. Rhabdomyosarcoma	1	2	1	0	0	4	4	4.1	3.2	2.0	1.0	1	0	1	0	2	4	4	2.1	3.1		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	2	0.9	1.4			
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	1	2	1	3	0.9	2.0	0.3	1.0	1	0	1	1	0	3	3	3.0	2.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	2	1.0	1.5			
X GERM CELL TUMOURS	0	2	0	3	7	5	12	4.7	8.3	1.3	1.5	2	1	1	0	4	4	8	4.3	6.2		
a. CNS germ cell	0	1	0	3	1	4	5	3.7	3.5	4.0	5.0	1	0	0	0	0	1	1	1.1	0.9		
b. Other extragonadal	0	0	0	0	1	0	1	-	0.7	0.0	0.3	1	1	0	0	2	2	4	2.2	3.1		
c. Gonadal germ cell	0	1	0	0	5	1	6	1.0	4.1	1.0	3.0	0	0	1	0	1	2	1.0	1.5			
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	3	1	5	4	9	3.7	6.2	1.0	0.5	0	1	0	3	14	4	18	3.9	13.1		
a. Adrenocortical	0	0	1	0	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	1	0	1	-	0.7	-	0.2	0	0	0	0	6	0	6	-	4.3		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.7	0.0	0.5	0	0	0	1	1	1	2	0.9	1.4		
d. Melanoma	0	0	2	0	0	2	2	1.9	1.5	0.7	0.3	0	1	0	2	3	3	6	2.9	4.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
f. Other & unspecified	0	0	0	1	3	1	4	0.9	2.7	-	1.3	0	0	0	0	3	0	3	-	2.2		
XII OTHER & UNSPECIFIED	0	1	0	0	0	1	1	1.0	0.8	-	1.0	0	0	0	0	1	0	1	-	0.7		
a. Other specified	0	1	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
TOTAL	8	43	23	29	55	103	158	100.3	114.1	1.0	1.0	16	31	29	26	49	102	151	104.4	116.2		

† includes 6 non-malignant in males and 11 non-malignant in females

Please consult the quality indicators for this registry

USA, Pennsylvania, Hispanic White (1998-2012)

	Age group	Males	Females
Person-years	0	73 588	69 940
	1-4	296 667	281 169
	5-9	344 149	327 664
	10-14	331 457	314 594
	15-19	340 418	312 277
Total	0-14	1 045 861	993 367
	0-19	1 386 279	1 305 644
Average annual population	0-14	69 724	66 224
	0-19	92 419	87 043

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