

USA, Delaware, NH 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	3	36	20	6	10	65	75	23.0	100.0	18.1	100.0	32.4	96.1	40.8	11.4	17.5	48.8	41.8	679	766	100.0	0.0
a. Lymphoid	2	30	18	3	5	53	58	18.8	81.5	14.0	77.3	21.6	80.1	36.8	5.7	8.8	40.0	33.0	555	599	100.0	0.0
b. Acute myeloid	0	5	2	2	3	9	12	3.2	13.8	2.9	16.0	-	13.3	4.1	3.8	5.3	6.6	6.3	93	119	100.0	0.0
c. CMD	0	1	0	1	2	2	4	0.7	3.1	1.0	5.3	-	2.7	-	1.9	3.5	1.4	1.9	20	38	100.0	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	1	0	0	0	0	1	1	0.4	1.5	0.2	1.3	10.8	-	-	-	-	0.8	0.6	11	11	100.0	0.0
II LYMPHOMA & RELATED	2	7	5	28	38	42	80	14.9	100.0	19.3	100.0	21.6	18.7	10.2	53.3	66.6	26.2	35.3	414	747	100.0	0.0
a. Hodgkin	0	0	0	15	29	15	44	5.3	35.7	10.6	55.0	-	-	-	28.5	50.9	8.3	17.9	143	397	100.0	0.0
b. Non-Hodgkin except BL	0	4	4	10	8	18	26	6.4	42.9	6.3	32.5	-	10.7	8.2	19.0	14.0	11.5	12.0	179	249	100.0	0.0
c. Burkitt (BL)	0	1	0	2	1	3	4	1.1	7.1	1.0	5.0	-	2.7	-	3.8	1.8	1.9	1.9	30	38	100.0	0.0
d. Lymphoreticular	2	2	1	1	0	6	6	2.1	14.3	1.4	7.5	21.6	5.3	2.0	1.9	-	4.5	3.5	63	63	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	5	25	17	26	25	73	98	25.9	100.0	23.6	100.0	54.0	66.7	34.7	49.5	43.8	50.4	48.9	742	961	73.5	1.0
a. Ependymoma	2	2	0	2	1	6	7	2.1	8.2	1.7	7.1	21.6	5.3	-	3.8	1.8	4.4	3.8	62	71	100.0	0.0
b. Astrocytoma	0	13	8	12	9	33	42	11.7	45.2	10.1	42.9	-	34.7	16.3	22.8	15.8	22.7	21.1	335	414	76.2	0.0
c. CNS embryonal	2	5	1	3	7	11	18	3.9	15.1	4.3	18.4	21.6	13.3	2.0	5.7	12.3	8.1	9.1	114	175	94.4	5.6
d. Other gliomas	0	1	4	2	4	7	11	2.5	9.6	2.7	11.2	-	2.7	8.2	3.8	7.0	4.6	5.1	71	106	9.1	0.0
e. Other specified	1	3	4	7	3	15	18	5.3	20.5	4.3	18.4	10.8	8.0	8.2	13.3	5.3	9.8	8.8	150	177	83.3	0.0
f. Unspecified CNS	0	1	0	0	1	1	2	0.4	1.4	0.5	2.0	-	2.7	-	-	1.8	0.8	1.0	11	19	0.0	0.0
IV NEUROBLASTOMA	6	13	1	1	1	21	22	7.4	100.0	5.3	100.0	64.8	34.7	2.0	1.9	1.8	16.9	13.5	223	232	90.9	0.0
a. (Ganglio)neuroblastoma	6	13	1	1	0	21	21	7.4	100.0	5.1	95.5	64.8	34.7	2.0	1.9	-	16.9	13.1	223	223	90.5	0.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.2	4.5	-	-	-	-	1.8	-	0.4	-	9	100.0	0.0
V RETINOBLASTOMA	4	7	0	0	0	11	11	3.9	100.0	2.7	100.0	43.2	18.7	-	-	-	9.1	7.1	118	118	45.5	0.0
VI RENAL TUMOURS	3	9	3	0	0	15	15	5.3	100.0	3.6	100.0	32.4	24.0	6.1	-	-	11.9	9.2	159	159	100.0	0.0
a. Nephroblastoma	3	9	3	0	0	15	15	5.3	100.0	3.6	100.0	32.4	24.0	6.1	-	-	11.9	9.2	159	159	100.0	0.0
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	1	1	0	0	4	4	1.4	100.0	1.0	100.0	21.6	2.7	2.0	-	-	3.1	2.4	42	42	100.0	0.0
a. Hepatoblastoma	2	1	0	0	0	3	3	1.1	75.0	0.7	75.0	21.6	2.7	-	-	-	2.5	1.9	32	32	100.0	0.0
b. Hepatic carcinoma	0	0	1	0	0	1	1	0.4	25.0	0.2	25.0	-	-	2.0	-	-	0.7	0.5	10	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	3	9	9	13	22	4.6	100.0	5.3	100.0	-	2.7	6.1	17.1	15.8	7.8	9.6	127	206	100.0	0.0
a. Osteosarcoma	0	0	1	5	4	6	10	2.1	46.2	2.4	45.5	-	-	2.0	9.5	7.0	3.4	4.2	58	93	100.0	0.0
b. Chondrosarcoma	0	0	0	1	0	1	1	0.4	7.7	0.2	4.5	-	-	-	1.9	-	0.6	0.4	10	10	100.0	0.0
c. Ewing & related	0	0	2	3	5	5	10	1.8	38.5	2.4	45.5	-	-	4.1	5.7	8.8	3.0	4.3	49	93	100.0	0.0
d. Other specified	0	1	0	0	0	1	1	0.4	7.7	0.2	4.5	-	2.7	-	-	-	0.8	0.6	11	11	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	1	4	4	4	5	13	18	4.6	100.0	4.3	100.0	10.8	10.7	8.2	7.6	8.8	9.0	8.9	132	176	100.0	0.0
a. Rhabdomyosarcoma	1	3	3	1	1	8	9	2.8	61.5	2.2	50.0	10.8	8.0	6.1	1.9	1.8	5.8	4.9	83	92	100.0	0.0
b. Fibrosarcoma	0	0	1	0	0	1	1	0.4	7.7	0.2	5.6	-	-	2.0	-	-	0.7	0.5	10	10	100.0	0.0
c. Kaposi sarcoma	0	1	0	0	0	1	1	0.4	7.7	0.2	5.6	-	2.7	-	-	-	0.8	0.6	11	11	100.0	0.0
d. Other specified	0	0	0	1	3	1	4	0.4	7.7	1.0	22.2	-	-	-	1.9	5.3	0.6	1.6	10	36	100.0	0.0
e. Unspecified	0	0	0	2	1	2	3	0.7	15.4	0.7	16.7	-	-	-	3.8	1.8	1.1	1.3	19	28	100.0	0.0
X GERM CELL TUMOURS	3	2	1	6	16	12	28	4.3	100.0	6.7	100.0	32.4	5.3	2.0	11.4	28.1	8.1	12.6	121	261	100.0	0.0
a. CNS germ cell	0	0	1	1	2	2	4	0.7	16.7	1.0	14.3	-	-	2.0	1.9	3.5	1.2	1.7	20	37	100.0	0.0
b. Other extragonadal	2	1	0	1	2	4	6	1.4	33.3	1.4	21.4	21.6	2.7	-	1.9	3.5	3.0	3.1	42	59	100.0	0.0
c. Gonadal germ cell	1	1	0	3	11	5	16	1.8	41.7	3.9	57.1	10.8	2.7	-	5.7	19.3	3.3	6.9	50	146	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.4	8.3	0.5	7.1	-	-	-	1.9	1.8	0.6	0.8	10	18	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	2	1	10	29	13	42	4.6	100.0	10.1	100.0	-	5.3	2.0	19.0	50.9	7.8	17.5	127	381	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	3	8	3	11	1.1	23.1	2.7	26.2	-	-	-	5.7	14.0	1.7	4.4	29	99	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	2	0	6	15	8	23	2.8	61.5	5.5	54.8	-	5.3	-	11.4	26.3	5.0	9.8	78	210	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	1	1	6	2	8	0.7	15.4	1.9	19.0	-	-	2.0	1.9	10.5	1.2	3.3	20	72	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	29	107	56	90	133	282	415	100.0	100.0	100.0	100.0	313.1	285.6	114.4	171.2	233.2	199.3	206.9	2883	4049	91.8	0.2

† includes 19 non-malignant

Please consult the quality indicators for this registry

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	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	22	9	5	7	38	45	55.8	48.7	1.4	1.5	1	14	11	1	3	27	30	41.5	34.5		
a. Lymphoid	1	17	9	2	4	29	33	42.8	36.3	1.2	1.3	1	13	9	1	1	24	25	37.1	29.5		
b. Acute myeloid	0	4	0	2	2	6	8	8.6	8.3	2.0	2.0	0	1	2	0	1	3	4	4.4	4.2		
c. CMD	0	1	0	1	1	2	3	2.7	2.9	-	3.0	0	0	0	0	1	0	1	-	0.8		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	0	0	0	0	1	1	1.6	1.3	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	2	2	5	15	24	24	48	29.0	41.4	1.3	1.5	0	5	0	13	14	18	32	23.2	29.1		
a. Hodgkin	0	0	0	7	19	7	26	7.5	20.8	0.9	1.4	0	0	0	8	10	8	18	9.1	15.0		
b. Non-Hodgkin except BL	0	0	4	5	4	9	13	10.5	11.3	1.0	1.0	0	4	0	5	4	9	13	12.5	12.8		
c. Burkitt (BL)	0	1	0	2	1	3	4	3.8	3.7	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	2	1	1	1	0	5	5	7.2	5.6	5.0	5.0	0	1	0	0	0	1	1	1.7	1.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	4	8	6	14	13	32	45	42.2	42.9	0.8	0.8	1	17	11	12	12	41	53	59.1	55.3		
a. Ependymoma	2	2	0	1	0	5	5	7.5	5.8	5.0	2.5	0	0	0	1	1	1	2	1.1	1.7		
b. Astrocytoma	0	4	3	6	4	13	17	16.8	16.2	0.7	0.7	0	9	5	6	5	20	25	28.8	26.3		
c. CNS embryonal	1	1	0	1	6	3	9	4.3	8.1	0.4	1.0	1	4	1	2	1	8	9	12.1	10.2		
d. Other gliomas	0	0	1	2	2	3	5	3.4	4.2	0.8	0.8	0	1	3	0	2	4	6	5.8	6.0		
e. Other specified	1	1	2	4	1	8	9	10.1	8.6	1.1	1.0	0	2	2	3	2	7	9	9.5	8.9		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	1.7	2.1		
IV NEUROBLASTOMA	3	3	0	1	0	7	7	10.8	8.4	0.5	0.5	3	10	1	0	1	14	15	23.4	18.9		
a. (Ganglio)neuroblastoma	3	3	0	1	0	7	7	10.8	8.4	0.5	0.5	3	10	1	0	0	14	14	23.4	18.2		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.8		
V RETINOBLASTOMA	2	3	0	0	0	5	5	8.1	6.3	0.8	0.8	2	4	0	0	0	6	6	10.2	7.9		
VI RENAL TUMOURS	1	4	2	0	0	7	7	10.7	8.3	0.9	0.9	2	5	1	0	0	8	8	13.2	10.3		
a. Nephroblastoma	1	4	2	0	0	7	7	10.7	8.3	0.9	0.9	2	5	1	0	0	8	8	13.2	10.3		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	0	1	0	0	2	2	2.9	2.2	1.0	1.0	1	1	0	0	0	2	2	3.4	2.6		
a. Hepatoblastoma	1	0	0	0	0	1	1	1.6	1.3	0.5	0.5	1	1	0	0	0	2	2	3.4	2.6		
b. Hepatic carcinoma	0	0	1	0	0	1	1	1.3	1.0	-	-	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	2	8	7	10	17	11.2	14.2	3.3	3.4	0	1	1	1	2	3	5	4.2	4.8		
a. Osteosarcoma	0	0	1	4	2	5	7	5.6	5.9	5.0	2.3	0	0	0	1	2	1	3	1.1	2.5		
b. Chondrosarcoma	0	0	0	1	0	1	1	1.1	0.8	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	3	5	4	9	4.5	7.4	4.0	9.0	0	0	1	0	0	1	1	1.4	1.0		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.7	1.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	0	0	2	1	3	3	6	3.6	5.2	0.3	0.5	1	4	2	3	2	10	12	14.6	12.9		
a. Rhabdomyosarcoma	0	0	2	1	1	3	4	3.6	3.6	0.6	0.8	1	3	1	0	0	5	5	8.1	6.3		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.4	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.7	1.3		
d. Other specified	0	0	0	0	1	0	1	-	0.8	0.0	0.3	0	0	0	1	2	1	3	1.1	2.5		
e. Unspecified	0	0	0	0	1	0	1	-	0.8	0.0	0.5	0	0	0	2	0	2	2	2.3	1.8		
X GERM CELL TUMOURS	2	1	1	3	14	7	21	9.4	18.3	1.4	3.0	1	1	0	3	2	5	7	6.8	6.9		
a. CNS germ cell	0	0	1	1	2	2	4	2.4	3.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	1	0	0	1	1	2	3	2.7	2.9	1.0	1.0	1	1	0	0	1	2	3	3.4	3.4		
c. Gonadal germ cell	1	1	0	1	11	3	14	4.3	12.0	1.5	7.0	0	0	0	2	0	2	2	2.3	1.8		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	2	1.1	1.7			
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	1	1	2	8	4	12	5.1	10.2	0.4	0.4	0	1	0	8	21	9	30	10.8	25.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	3	8	3	11	3.4	9.0		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	1	0	2	5	3	8	3.8	6.9	0.6	0.5	0	1	0	4	10	5	15	6.2	12.8		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	0	3	1	4	1.3	3.4	1.0	1.0	0	0	0	1	3	1	4	1.1	3.3		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	17	44	29	49	76	139	215	188.7	206.0	1.0	1.1	12	63	27	41	57	143	200	210.4	208.2		

† includes 10 non-malignant in males and 9 non-malignant in females

Please consult the quality indicators for this registry

USA, Delaware, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	47 374	45 257
	1-4	191 976	182 704
	5-9	251 083	238 533
	10-14	269 686	255 999
	15-19	286 248	283 962
Total	0-14	760 119	722 493
	0-19	1 046 367	1 006 455
Average annual population	0-14	50 675	48 166
	0-19	69 758	67 097

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