

USA, Delaware (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	0-19
I LEUKAEMIA	5	56	36	15	19	112	131	24.1	100.0	19.8	100.0	30.4	86.7	43.9	17.6	21.0	48.4	42.2	684	789	96.9	0.0	
a. Lymphoid	2	45	31	8	10	86	96	18.5	76.8	14.5	73.3	12.2	69.6	37.8	9.4	11.1	37.4	31.4	526	581	97.9	0.0	
b. Acute myeloid	0	9	5	4	5	18	23	3.9	16.1	3.5	17.6	-	13.9	6.1	4.7	5.5	7.6	7.2	109	137	100.0	0.0	
c. CMD	0	1	0	2	4	3	7	0.6	2.7	1.1	5.3	-	1.5	-	2.3	4.4	1.2	1.9	18	40	85.7	0.0	
d. MDS & other	2	1	0	0	0	3	3	0.6	2.7	0.5	2.3	12.2	1.5	-	-	-	1.4	1.1	19	19	66.7	0.0	
e. Unspecified	1	0	0	1	0	2	2	0.4	1.8	0.3	1.5	6.1	-	-	1.2	-	0.8	0.6	12	12	100.0	0.0	
II LYMPHOMA & RELATED	2	15	9	40	52	66	118	14.2	100.0	17.8	100.0	12.2	23.2	11.0	46.8	57.6	25.3	32.5	394	682	100.0	0.0	
a. Hodgkin	0	0	1	23	39	24	63	5.2	36.4	9.5	53.4	-	-	1.2	26.9	43.2	8.2	16.1	141	357	100.0	0.0	
b. Non-Hodgkin except BL	0	5	5	13	12	23	35	4.9	34.8	5.3	29.7	-	7.7	6.1	15.2	13.3	8.8	9.8	137	204	100.0	0.0	
c. Burkitt (BL)	0	3	1	3	1	7	8	1.5	10.6	1.2	6.8	-	4.6	1.2	3.5	1.1	2.8	2.5	42	48	100.0	0.0	
d. Lymphoreticular	2	7	2	1	0	12	12	2.6	18.2	1.8	10.2	12.2	10.8	2.4	1.2	-	5.4	4.2	74	74	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
III CNS NEOPLASMS †	9	41	33	40	35	123	158	26.5	100.0	23.8	100.0	54.7	63.5	40.2	46.8	38.7	50.5	47.8	744	937	71.5	1.3	
a. Ependymoma	2	4	0	2	2	8	10	1.7	6.5	1.5	6.3	12.2	6.2	-	2.3	2.2	3.5	3.2	49	60	100.0	0.0	
b. Astrocytoma	0	17	15	16	15	48	63	10.3	39.0	9.5	39.9	-	26.3	18.3	18.7	16.6	19.5	18.8	290	373	73.0	0.0	
c. CNS embryonal	5	8	4	4	8	21	29	4.5	17.1	4.4	18.4	30.4	12.4	4.9	4.7	8.9	9.1	9.1	128	172	96.6	3.4	
d. Other gliomas	0	7	7	5	4	19	23	4.1	15.4	3.5	14.6	-	10.8	8.5	5.9	4.4	7.8	7.0	115	137	13.0	0.0	
e. Other specified	2	3	7	11	5	23	28	4.9	18.7	4.2	17.7	12.2	4.6	8.5	12.9	5.5	8.9	8.1	138	166	89.3	0.0	
f. Unspecified CNS	0	2	0	2	1	4	5	0.9	3.3	0.8	3.2	-	3.1	-	2.3	1.1	1.6	1.5	24	30	20.0	20.0	
IV NEUROBLASTOMA	10	18	2	2	1	32	33	6.9	100.0	5.0	100.0	60.8	27.9	2.4	2.3	1.1	14.8	11.7	197	202	93.9	0.0	
a. (Ganglio)neuroblastoma	10	18	2	2	0	32	32	6.9	100.0	4.8	97.0	60.8	27.9	2.4	2.3	-	14.8	11.5	197	197	93.8	0.0	
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.2	3.0	-	-	-	-	1.1	-	0.2	-	6	6	100.0	0.0
V RETINOBLASTOMA	6	10	0	0	0	16	16	3.4	100.0	2.4	100.0	36.5	15.5	-	-	-	7.6	5.9	99	99	56.3	0.0	
VI RENAL TUMOURS	5	15	6	0	2	26	28	5.6	100.0	4.2	100.0	30.4	23.2	7.3	-	2.2	11.9	9.7	160	171	96.4	0.0	
a. Nephroblastoma	5	15	6	0	0	26	26	5.6	100.0	3.9	92.9	30.4	23.2	7.3	-	-	11.9	9.2	160	160	96.2	0.0	
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.3	7.1	-	-	-	-	2.2	-	0.5	-	11	11	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	2	2	1	0	1	5	6	1.1	100.0	0.9	100.0	12.2	3.1	1.2	-	1.1	2.3	2.0	31	36	100.0	0.0	
a. Hepatoblastoma	2	2	0	0	0	4	4	0.9	80.0	0.6	66.7	12.2	3.1	-	-	-	1.9	1.5	25	25	100.0	0.0	
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.2	20.0	0.3	33.3	-	-	1.2	-	1.1	0.4	0.6	6	12	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	1	4	13	11	18	29	3.9	100.0	4.4	100.0	-	1.5	4.9	15.2	12.2	6.5	7.8	107	168	100.0	0.0	
a. Osteosarcoma	0	0	1	7	4	8	12	1.7	44.4	1.8	41.4	-	-	1.2	8.2	4.4	2.8	3.1	47	69	100.0	0.0	
b. Chondrosarcoma	0	0	0	1	0	1	1	0.2	5.6	0.2	3.4	-	-	-	1.2	-	0.3	0.3	6	6	100.0	0.0	
c. Ewing & related	0	0	3	5	7	8	15	1.7	44.4	2.3	51.7	-	-	3.7	5.9	7.7	2.9	4.0	48	86	100.0	0.0	
d. Other specified	0	1	0	0	0	1	1	0.2	5.6	0.2	3.4	-	1.5	-	-	-	0.5	0.4	6	6	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	3	6	9	12	9	30	39	6.5	100.0	5.9	100.0	18.2	9.3	11.0	14.0	10.0	11.9	11.5	181	230	97.4	0.0	
a. Rhabdomyosarcoma	2	3	6	3	3	14	17	3.0	46.7	2.6	43.6	12.2	4.6	7.3	3.5	3.3	5.8	5.2	85	102	94.1	0.0	
b. Fibrosarcoma	0	0	1	0	1	1	2	0.2	3.3	0.3	5.1	-	-	1.2	-	1.1	0.4	0.6	6	12	100.0	0.0	
c. Kaposi sarcoma	0	1	0	0	0	1	1	0.2	3.3	0.2	2.6	-	1.5	-	-	-	0.5	0.4	6	6	100.0	0.0	
d. Other specified	0	0	2	3	4	5	9	1.1	16.7	1.4	23.1	-	-	2.4	3.5	4.4	1.8	2.4	30	52	100.0	0.0	
e. Unspecified	1	2	0	6	1	9	10	1.9	30.0	1.5	25.6	6.1	3.1	-	7.0	1.1	3.5	2.9	54	59	100.0	0.0	
X GERM CELL TUMOURS	5	3	2	9	21	19	40	4.1	100.0	6.0	100.0	30.4	4.6	2.4	10.5	23.2	7.7	11.2	114	230	100.0	0.0	
a. CNS germ cell ‡	1	0	1	1	2	3	5	0.6	15.8	0.8	12.5	6.1	-	1.2	1.2	2.2	1.2	1.4	18	29	100.0	0.0	
b. Other extragonadal	3	2	0	2	2	7	9	1.5	36.8	1.4	22.5	18.2	3.1	-	2.3	2.2	3.1	2.9	43	54	100.0	0.0	
c. Gonadal germ cell	1	1	1	5	16	8	24	1.7	42.1	3.6	60.0	6.1	1.5	1.2	5.9	17.7	3.0	6.3	48	136	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.2	5.3	0.3	5.0	-	-	-	1.2	1.1	0.3	0.5	6	11	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
XI CARCINOMA & MELANOMA	0	2	1	14	47	17	64	3.7	100.0	9.7	100.0	-	3.1	1.2	16.4	52.0	6.1	16.4	100	360	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	3	17	3	20	0.6	17.6	3.0	31.3	-	-	-	3.5	18.8	1.0	5.0	18	112	100.0	0.0	
c. Nasopharyngeal	0	0	0	2	1	2	3	0.4	11.8	0.5	4.7	-	-	-	2.3	1.1	0.7	0.8	12	17	100.0	0.0	
d. Melanoma	0	2	0	7	16	9	25	1.9	52.9	3.8	39.1	-	3.1	-	8.2	17.7	3.3	6.6	53	142	100.0	0.0	
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.2	1.6	-	-	-	-	1.1	-	0.2	-	6	6	100.0	0.0
f. Other & unspecified	0	0	1	2	12	3	15	0.6	17.6	2.3	23.4	-	-	1.2	2.3	13.3	1.1	3.8	18	84	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	0	1	0	1	1	0.2	100.0	0.2	100.0	-	-	-	1.2	-	0.3	0.3	6	6	0.0	100.0	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	0	0	1	0	1	1	0.2	100.0	0.2	100.0	-	-	-	1.2	-	0.3	0.3	6	6	0.0	100.0	
TOTAL	47	169	103	146	198	465	663	100.0	100.0	100.0	100.0	285.7	261.5	125.6	170.9	219.1	193.3	199.1	2815	3911	90.8	0.5	

† includes 32 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

USA, Delaware (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	34	17	13	11	67	78	56.4	49.1	1.5	1.5	2	22	19	2	8	45	53	40.1	35.1		
a. Lymphoid	1	27	15	7	7	50	57	42.4	36.3	1.4	1.5	1	18	16	1	3	36	39	32.1	26.4		
b. Acute myeloid	0	6	2	4	3	12	15	9.8	9.1	2.0	1.9	0	3	3	0	2	6	8	5.3	5.1		
c. CMD	0	1	0	1	1	2	3	1.6	1.7	2.0	0.8	0	0	0	1	3	1	4	0.7	2.0		
d. MDS & other	1	0	0	0	0	1	1	0.9	0.7	0.5	0.5	1	1	0	0	0	2	2	1.9	1.5		
e. Unspecified	1	0	0	1	0	2	2	1.6	1.2	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	2	6	8	21	31	37	68	27.6	36.7	1.3	1.4	0	9	1	19	21	29	50	22.8	28.2		
a. Hodgkin	0	0	11	24	12	36	8.1	18.1	1.0	1.3	0	0	0	12	15	12	27	8.3	14.0			
b. Non-Hodgkin except BL	0	0	5	7	6	12	18	8.5	9.5	1.1	1.1	0	5	0	6	6	11	17	9.0	10.0		
c. Burkitt (BL)	0	3	1	2	1	6	7	4.9	4.3	6.0	7.0	0	0	0	1	0	1	1	0.7	0.5		
d. Lymphoreticular	2	3	1	1	0	7	7	6.1	4.7	1.4	1.4	0	4	1	0	0	5	5	4.7	3.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	6	13	18	22	21	59	80	46.3	46.2	0.9	1.0	3	28	15	18	14	64	78	54.8	49.5		
a. Ependymoma	2	3	0	1	1	6	7	5.3	4.6	3.0	2.3	0	1	0	1	1	2	3	1.7	1.8		
b. Astrocytoma	0	5	7	8	9	20	29	15.4	16.4	0.7	0.9	0	12	8	8	6	28	34	23.7	21.4		
c. CNS embryonal	2	2	3	1	6	8	14	6.7	8.2	0.6	0.9	3	6	1	3	2	13	15	11.7	10.0		
d. Other gliomas	0	1	4	4	2	9	11	6.7	6.2	0.9	0.9	0	6	3	1	2	10	12	9.0	7.9		
e. Other specified	2	1	4	6	3	13	16	9.9	9.1	1.3	1.3	0	2	3	5	2	10	12	7.8	7.1		
f. Unspecified CNS	0	1	0	2	0	3	3	2.3	1.8	3.0	1.5	0	1	0	0	1	1	2	1.0	1.3		
IV NEUROBLASTOMA	7	7	0	2	0	16	16	14.4	11.2	1.0	0.9	3	11	2	0	1	16	17	15.2	12.3		
a. (Ganglio)neuroblastoma	7	7	0	2	0	16	16	14.4	11.2	1.0	1.0	3	11	2	0	0	16	16	15.2	11.8		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
V RETINOBLASTOMA	2	4	0	0	0	6	6	5.6	4.4	0.6	0.6	4	6	0	0	0	10	10	9.7	7.5		
VI RENAL TUMOURS	3	6	3	0	1	12	13	10.7	8.8	0.9	0.9	2	9	3	0	1	14	15	13.1	10.7		
a. Nephroblastoma	3	6	3	0	0	12	12	10.7	8.3	0.9	0.9	2	9	3	0	0	14	14	13.1	10.2		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.5	-	1.0	0	0	0	0	1	0	1	-	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	1	1	0	1	3	4	2.6	2.5	1.5	2.0	1	1	0	0	0	2	2	1.9	1.5		
a. Hepatoblastoma	1	1	0	0	0	2	2	1.9	1.5	1.0	1.0	1	1	0	0	0	2	2	1.9	1.5		
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.8	1.1	-	-	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	9	9	11	20	7.5	10.3	1.6	2.2	0	1	2	4	2	7	9	5.4	5.2		
a. Osteosarcoma	0	0	1	4	2	5	7	3.4	3.6	1.7	1.4	0	0	0	3	2	3	5	2.1	2.6		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	4	7	5	12	3.4	6.1	1.7	4.0	0	0	2	1	0	3	3	2.3	1.8		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.0	0.8		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	0	1	4	5	6	10	16	7.3	8.6	0.5	0.7	3	5	5	7	3	20	23	16.7	14.4		
a. Rhabdomyosarcoma	0	0	3	2	2	5	7	3.6	3.8	0.6	0.7	2	3	3	1	1	9	10	8.0	6.7		
b. Fibrosarcoma	0	0	0	0	1	0	1	-	0.5	0.0	1.0	0	0	1	0	0	1	1	0.8	0.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.0	0.8		
d. Other specified	0	0	1	0	2	1	3	0.8	1.6	0.3	0.5	0	0	1	3	2	4	6	2.9	3.2		
e. Unspecified	0	1	0	3	1	4	5	2.9	2.8	0.8	1.0	1	1	0	3	0	5	5	4.0	3.1		
X GERM CELL TUMOURS	2	1	1	4	16	8	24	6.2	12.7	0.7	1.5	3	2	1	5	5	11	16	9.2	9.6		
a. CNS germ cell ‡	0	0	1	1	2	2	4	1.4	2.1	2.0	4.0	1	0	0	0	0	1	1	1.0	0.8		
b. Other extragonadal	1	0	0	2	1	3	4	2.3	2.3	0.8	0.8	2	2	0	0	1	4	5	3.9	3.5		
c. Gonadal germ cell	1	1	0	1	13	3	16	2.5	8.4	0.6	2.0	0	0	1	4	3	5	8	3.6	4.3		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.7	1.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	1	1	5	14	7	21	5.0	10.8	0.7	0.5	0	1	0	9	33	10	43	7.2	22.2		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	2	0	2	-	1.0	0.0	0.1	0	0	0	3	15	3	18	2.1	9.2		
c. Nasopharyngeal	0	0	0	2	1	2	3	1.3	1.5	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	1	0	2	5	3	8	2.3	4.2	0.5	0.5	0	1	0	5	11	6	17	4.5	9.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
f. Other & unspecified	0	0	1	1	6	2	8	1.4	4.1	2.0	1.1	0	0	0	1	6	1	7	0.7	3.6		
XII OTHER & UNSPECIFIED	0	0	0	1	0	1	1	0.7	0.5	-	-	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	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	26	74	55	82	110	237	347	190.5	201.9	1.0	1.1	21	95	48	64	88	228	316	196.1	196.2		

† includes 20 non-malignant in males and 12 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

USA, Delaware (1998-2012)

	Age group	Males	Females
Person-years	0	83 856	80 655
	1-4	329 311	316 861
	5-9	419 247	400 669
	10-14	436 654	417 577
	15-19	456 074	447 453
Total	0-14	1 269 068	1 215 762
	0-19	1 725 142	1 663 215
Average annual population	0-14	84 605	81 051
	0-19	115 009	110 881

Please consult the quality indicators for this registry