

USA, Arizona, 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	21	188	89	92	72	390	462	37.6	100.0	32.4	100.0	41.2	93.6	38.2	41.7	34.2	56.5	51.5	814	985	92.2	0.6	
a. Lymphoid	5	159	71	67	46	302	348	29.1	77.4	24.4	75.3	9.8	79.1	30.5	30.4	21.8	43.8	38.9	630	739	92.8	0.9	
b. Acute myeloid	6	21	8	16	19	51	70	4.9	13.1	4.9	15.2	11.8	10.5	3.4	7.3	9.0	7.4	7.7	107	152	97.1	0.0	
c. CMD	3	2	5	5	5	15	20	1.4	3.8	1.4	4.3	5.9	1.0	2.1	2.3	2.4	2.1	2.2	32	44	65.0	0.0	
d. MDS & other	4	4	3	0	1	11	12	1.1	2.8	0.8	2.6	7.8	2.0	1.3	-	0.5	1.6	1.4	22	25	100.0	0.0	
e. Unspecified	3	2	2	4	1	11	12	1.1	2.8	0.8	2.6	5.9	1.0	0.9	1.8	0.5	1.6	1.3	23	26	83.3	0.0	
II LYMPHOMA & RELATED	2	19	38	26	63	85	148	8.2	100.0	10.4	100.0	3.9	9.5	16.3	11.8	29.9	11.9	16.0	182	332	98.0	0.0	
a. Hodgkin	0	4	15	15	44	34	78	3.3	40.0	5.5	52.7	-	2.0	6.4	6.8	20.9	4.7	8.3	74	179	97.4	0.0	
b. Non-Hodgkin except BL	1	8	14	5	16	28	44	2.7	32.9	3.1	29.7	2.0	4.0	6.0	2.3	7.6	4.0	4.8	59	97	100.0	0.0	
c. Burkitt (BL)	0	3	3	4	0	10	10	1.0	11.8	0.7	6.8	-	1.5	1.3	1.8	-	1.4	1.1	21	21	90.0	0.0	
d. Lymphoreticular	1	3	5	2	0	11	11	1.1	12.9	0.8	7.4	2.0	1.5	2.1	0.9	-	1.6	1.2	23	23	100.0	0.0	
e. Unspecified	0	1	1	0	3	2	5	0.2	2.4	0.4	3.4	-	0.5	0.4	-	1.4	0.3	0.5	4	11	100.0	0.0	
III CNS NEOPLASMS †	19	82	68	64	57	233	290	22.4	100.0	20.3	100.0	37.3	40.8	29.2	29.0	27.1	33.4	31.9	491	627	78.6	2.1	
a. Ependymoma	3	9	6	9	5	27	32	2.6	11.6	2.2	11.0	5.9	4.5	2.6	4.1	2.4	3.9	3.5	57	69	96.9	0.0	
b. Astrocytoma	9	28	31	25	15	93	108	9.0	39.9	7.6	37.2	17.7	13.9	13.3	11.3	7.1	13.3	11.9	197	232	88.0	0.9	
c. CNS embryonal	5	25	10	6	8	46	54	4.4	19.7	3.8	18.6	9.8	12.4	4.3	2.7	3.8	6.8	6.1	95	114	98.1	0.0	
d. Other gliomas	0	9	13	9	6	31	37	3.0	13.3	2.6	12.8	-	4.5	5.6	4.1	2.8	4.4	4.0	66	80	43.2	2.7	
e. Other specified	2	7	5	13	21	27	48	2.6	11.6	3.4	16.6	3.9	3.5	2.1	5.9	10.0	3.8	5.2	58	108	66.7	0.0	
f. Unspecified CNS	0	4	3	2	2	9	11	0.9	3.9	0.8	3.8	-	2.0	1.3	0.9	0.9	1.3	1.2	19	24	9.1	36.4	
IV NEUROBLASTOMA	21	30	2	2	0	55	55	5.3	100.0	3.9	100.0	41.2	14.9	0.9	0.9	-	8.4	6.5	110	110	92.7	0.0	
a. (Ganglio)neuroblastoma	21	30	2	0	0	53	53	5.1	96.4	3.7	96.4	41.2	14.9	0.9	-	-	8.1	6.3	106	106	92.5	0.0	
b. Peripheral nervous	0	0	0	2	0	2	2	0.2	3.6	0.1	3.6	-	-	-	0.9	-	0.3	0.2	5	5	100.0	0.0	
V RETINOBLASTOMA	21	14	2	0	0	37	37	3.6	100.0	2.6	100.0	41.2	7.0	0.9	-	-	5.7	4.4	74	74	81.1	0.0	
VI RENAL TUMOURS	2	23	7	0	0	32	32	3.1	100.0	2.2	100.0	3.9	11.4	3.0	-	-	4.8	3.7	65	65	100.0	0.0	
a. Nephroblastoma	2	23	7	0	0	32	32	3.1	100.0	2.2	100.0	3.9	11.4	3.0	-	-	4.8	3.7	65	65	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	10	10	3	4	4	27	31	2.6	100.0	2.2	100.0	19.6	5.0	1.3	1.8	1.9	4.0	3.5	55	65	93.5	6.5	
a. Hepatoblastoma	10	9	2	0	1	21	22	2.0	77.8	1.5	71.0	19.6	4.5	0.9	-	0.5	3.2	2.6	42	44	95.5	4.5	
b. Hepatic carcinoma	0	1	1	3	3	5	8	0.5	18.5	0.6	25.8	-	0.5	0.4	1.4	1.4	0.7	0.9	11	18	100.0	0.0	
c. Unspecified	0	0	0	1	0	1	1	0.1	3.7	0.1	3.2	-	-	-	0.5	-	0.1	0.1	2	2	0.0	100.0	
VIII BONE TUMOURS	0	1	13	25	23	39	62	3.8	100.0	4.3	100.0	-	0.5	5.6	11.3	10.9	5.2	6.5	87	141	95.2	1.6	
a. Osteosarcoma	0	0	7	12	13	19	32	1.8	48.7	2.2	51.6	-	-	3.0	5.4	6.2	2.5	3.4	42	73	96.9	3.1	
b. Chondrosarcoma	0	0	1	2	0	3	3	0.3	7.7	0.2	4.8	-	-	0.4	0.9	-	0.4	0.3	7	7	100.0	0.0	
c. Ewing & related	0	1	1	10	9	12	21	1.2	30.8	1.5	33.9	-	0.5	0.4	4.5	4.3	1.6	2.2	27	48	95.2	0.0	
d. Other specified	0	0	4	1	0	5	5	0.5	12.8	0.4	8.1	-	-	1.7	0.5	-	0.7	0.5	11	11	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	1.6	-	-	-	-	0.5	-	0.1	-	2	2	0.0	0.0
IX SOFT TISSUE SARCOMA	8	17	15	14	16	54	70	5.2	100.0	4.9	100.0	15.7	8.5	6.4	6.4	7.6	7.8	7.7	114	152	97.1	0.0	
a. Rhabdomyosarcoma	3	11	7	3	2	24	26	2.3	44.4	1.8	37.1	5.9	5.5	3.0	1.4	0.9	3.5	2.9	50	54	100.0	0.0	
b. Fibrosarcoma	2	2	2	0	4	6	10	0.6	11.1	0.7	14.3	3.9	1.0	0.9	-	1.9	0.9	1.1	12	22	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	2	3	4	9	8	18	26	1.7	33.3	1.8	37.1	3.9	1.5	1.7	4.1	3.8	2.5	2.8	39	58	92.3	0.0	
e. Unspecified	1	1	2	2	2	6	8	0.6	11.1	0.6	11.4	2.0	0.5	0.9	0.9	0.9	0.8	0.9	13	18	100.0	0.0	
X GERM CELL TUMOURS	8	10	3	18	83	39	122	3.8	100.0	8.5	100.0	15.7	5.0	1.3	8.2	39.4	5.6	13.2	83	280	95.9	0.8	
a. CNS germ cell ‡	1	2	3	8	8	14	22	1.3	35.9	1.5	18.0	2.0	1.0	1.3	3.6	3.8	1.9	2.3	31	50	86.4	0.0	
b. Other extragonadal	6	3	0	1	9	10	19	1.0	25.6	1.3	15.6	11.8	1.5	-	0.5	4.3	1.5	2.1	20	41	100.0	0.0	
c. Gonadal germ cell	1	5	0	8	60	14	74	1.3	35.9	5.2	60.7	2.0	2.5	-	3.6	28.5	2.0	7.9	30	172	98.6	0.0	
d. Gonadal carcinoma	0	0	0	1	3	1	4	0.1	2.6	0.3	3.3	-	-	-	0.5	1.4	0.1	0.4	2	9	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	3	0	3	-	-	0.2	2.5	-	-	-	-	1.4	-	0.3	-	7	7	66.7	33.3
XI CARCINOMA & MELANOMA	0	3	8	31	67	42	109	4.0	100.0	7.6	100.0	-	1.5	3.4	14.1	31.8	5.7	11.5	93	252	100.0	0.0	
a. Adrenocortical	0	0	1	0	0	1	1	0.1	2.4	0.1	0.9	-	-	0.4	-	-	0.1	0.1	2	2	100.0	0.0	
b. Thyroid	0	1	0	17	40	18	58	1.7	42.9	4.1	53.2	-	0.5	-	7.7	19.0	2.4	6.1	41	135	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	1	1	2	0.1	2.4	0.1	1.8	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0	
d. Melanoma	0	2	5	6	8	13	21	1.3	31.0	1.5	19.3	-	1.0	2.1	2.7	3.8	1.8	2.2	28	47	100.0	0.0	
e. Skin carcinoma	0	0	0	1	0	1	1	0.1	2.4	0.1	0.9	-	-	-	0.5	-	0.1	0.1	2	2	100.0	0.0	
f. Other & unspecified	0	0	2	6	18	8	26	0.8	19.0	1.8	23.9	-	-	0.9	2.7	8.5	1.1	2.7	18	61	100.0	0.0	
XII OTHER & UNSPECIFIED	0	3	2	0	4	5	9	0.5	100.0	0.6	100.0	-	1.5	0.9	-	1.9	0.7	1.0	10	20	55.6	22.2	
a. Other specified	0	1	1	0	1	2	3	0.2	40.0	0.2	33.3	-	0.5	0.4	-	0.5	0.3	0.3	4	7	100.0	0.0	
b. Other unspecified	0	2	1	0	3	3	6	0.3	60.0	0.4	66.7	-	1.0	0.4	-	1.4	0.4	0.7	6	13	33.3	33.3	
TOTAL	112	400	250	276	389	1038	1427	100.0	100.0	100.0	100.0	219.7	199.1	107.2	125.2	184.6	149.6	157.5	2178	3101	91.0	1.1	

† includes 60 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

USA, Arizona, 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										0-14	0-19
	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	11	106	49	47	41	213	254	60.7	55.4	1.2	1.2	10	82	40	45	31	177	208	52.3	47.4				
a. Lymphoid	2	91	40	35	30	168	198	47.9	43.2	1.3	1.3	3	68	31	32	16	134	150	39.6	34.3				
b. Acute myeloid	4	13	4	6	7	27	34	7.8	7.4	1.1	0.9	2	8	4	10	12	24	36	7.0	8.1				
c. CMD	3	1	3	4	3	11	14	3.0	3.0	2.8	2.3	0	1	2	1	2	4	6	1.1	1.3				
d. MDS & other	1	1	1	0	1	3	4	0.9	0.9	0.4	0.5	3	3	2	0	0	8	8	2.4	1.9				
e. Unspecified	1	0	1	2	0	4	4	1.1	0.8	0.6	0.5	2	2	1	2	1	7	8	2.1	1.8				
II LYMPHOMA & RELATED	0	8	29	17	32	54	86	14.7	17.9	1.7	1.4	2	11	9	9	31	31	62	9.0	13.9				
a. Hodgkin	0	3	13	11	23	27	50	7.3	10.3	3.9	1.8	0	1	2	4	21	7	28	2.0	6.2				
b. Non-Hodgkin except BL	0	3	10	3	8	16	24	4.4	5.0	1.3	1.2	1	5	4	2	8	12	20	3.6	4.5				
c. Burkitt (BL)	0	2	2	2	0	6	6	1.7	1.3	1.5	1.5	0	1	1	2	0	4	4	1.1	0.9				
d. Lymphoreticular	0	0	3	1	0	4	4	1.1	0.8	0.6	0.6	1	3	2	1	0	7	7	2.1	1.6				
e. Unspecified	0	0	1	0	1	1	2	0.3	0.4	1.0	0.7	0	1	0	0	2	1	3	0.3	0.7				
III CNS NEOPLASMS †	8	46	32	37	28	123	151	34.5	32.4	1.1	1.1	11	36	36	27	29	110	139	32.2	31.4				
a. Ependymoma	1	5	2	6	4	14	18	3.9	3.8	1.1	1.3	2	4	4	3	1	13	14	3.8	3.2				
b. Astrocytoma	4	13	12	12	7	41	48	11.5	10.3	0.8	0.8	5	15	19	13	8	52	60	15.1	13.5				
c. CNS embryonal	3	18	8	5	5	34	39	9.8	8.6	2.8	2.6	2	7	2	1	3	12	15	3.7	3.5				
d. Other gliomas	0	3	8	7	4	18	22	4.9	4.6	1.4	1.5	0	6	5	2	2	13	15	3.8	3.4				
e. Other specified	0	5	2	7	7	14	21	3.9	4.4	1.1	0.8	2	2	3	6	14	13	27	3.7	6.0				
f. Unspecified CNS	0	2	0	0	1	2	3	0.6	0.7	0.3	0.4	0	2	3	2	1	7	8	2.0	1.8				
IV NEUROBLASTOMA	14	12	0	0	0	26	26	7.8	6.1	0.9	0.9	7	18	2	2	0	29	29	8.9	6.9				
a. (Ganglio)neuroblastoma	14	12	0	0	0	26	26	7.8	6.1	1.0	1.0	7	18	2	0	0	27	27	8.4	6.5				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.5	0.4				
V RETINOBLASTOMA	5	5	0	0	0	10	10	3.0	2.3	0.4	0.4	16	9	2	0	0	27	27	8.4	6.5				
VI RENAL TUMOURS	0	10	4	0	0	14	14	4.1	3.2	0.8	0.8	2	13	3	0	0	18	18	5.6	4.3				
a. Nephroblastoma	0	10	4	0	0	14	14	4.1	3.2	0.8	0.8	2	13	3	0	0	18	18	5.6	4.3				
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	4	3	2	1	1	10	11	2.9	2.5	0.6	0.6	6	7	1	3	3	17	20	5.2	4.7				
a. Hepatoblastoma	4	3	1	0	0	8	8	2.4	1.8	0.6	0.6	6	6	1	0	1	13	14	4.0	3.4				
b. Hepatic carcinoma	0	0	1	1	1	2	3	0.5	0.6	0.7	0.6	0	1	0	2	2	3	5	0.9	1.1				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.2				
VIII BONE TUMOURS	0	0	6	10	13	16	29	4.2	5.9	0.7	0.9	0	1	7	15	10	23	33	6.3	7.1				
a. Osteosarcoma	0	0	4	1	6	5	11	1.3	2.3	0.4	0.5	0	0	3	11	7	14	21	3.8	4.5				
b. Chondrosarcoma	0	0	1	2	0	3	3	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	0	0	7	7	7	14	1.8	2.8	1.4	2.0	0	1	1	3	2	5	7	1.4	1.5				
d. Other specified	0	0	1	0	0	1	1	0.3	0.2	0.3	0.3	0	0	3	1	0	4	4	1.1	0.9				
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2				
IX SOFT TISSUE SARCOMA	2	9	7	7	7	25	32	7.0	6.9	0.9	0.8	6	8	8	7	9	29	38	8.5	8.6				
a. Rhabdomyosarcoma	0	5	5	1	2	11	13	3.1	2.8	0.8	1.0	3	6	2	2	0	13	13	3.9	3.0				
b. Fibrosarcoma	0	2	2	0	2	4	6	1.1	1.3	2.0	1.5	2	0	0	0	2	2	4	0.6	0.9				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	1	2	0	4	2	7	9	1.9	1.9	0.6	0.5	1	1	4	5	6	11	17	3.1	3.7				
e. Unspecified	1	0	0	2	1	3	4	0.8	0.8	1.0	1.0	0	1	2	0	1	3	4	0.9	0.9				
X GERM CELL TUMOURS	5	8	1	9	67	23	90	6.5	18.7	1.4	2.8	3	2	2	9	16	16	32	4.6	7.1				
a. CNS germ cell ‡	0	2	1	7	8	10	18	2.7	3.7	2.5	4.5	1	0	2	1	0	4	4	1.1	0.9				
b. Other extragonadal	5	1	0	0	5	6	11	1.8	2.4	1.5	1.4	1	2	0	1	4	4	8	1.2	1.8				
c. Gonadal germ cell	0	5	0	2	52	7	59	2.0	12.2	1.0	3.9	1	0	0	6	8	7	15	1.9	3.3				
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	0	0	1	2	1	3	0.3	0.7				
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.2	-	0.5	0	0	0	0	2	0	2	-	0.4				
XI CARCINOMA & MELANOMA	0	2	4	9	15	15	30	4.0	6.2	0.6	0.4	0	1	4	22	52	27	79	7.4	17.3				
a. Adrenocortical	0	0	1	0	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	1	0	4	3	5	8	1.3	1.6	0.4	0.2	0	0	0	13	37	13	50	3.5	11.0				
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.3	0.4				
d. Melanoma	0	1	1	3	5	5	10	1.3	2.1	0.6	0.9	0	1	4	3	3	8	11	2.3	2.4				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.2				
f. Other & unspecified	0	0	2	2	7	4	11	1.1	2.3	1.0	0.7	0	0	0	4	11	4	15	1.1	3.3				
XII OTHER & UNSPECIFIED	0	2	1	0	2	3	5	0.9	1.1	1.5	1.3	0	1	1	0	2	2	4	0.6	0.9				
a. Other specified	0	0	1	0	1	1	2	0.3	0.4	1.0	2.0	0	1	0	0	0	1	1	0.3	0.2				
b. Other unspecified	0	2	0	0	1	2	3	0.6	0.7	2.0	1.0	0	0	1	0	2	1	3	0.3	0.7				
TOTAL	49	211	135	137	206	532	738	150.3	158.5	1.1	1.1	63	189	115	139	183	506	689	148.9	156.3				

† includes 25 non-malignant in males and 35 non-malignant in females ‡ includes 2 non-malignant in males

Please consult the quality indicators for this registry

USA, Arizona, Hispanic White (1998-2012)

	Age group	Males	Females
Person-years	0	259 692	250 208
	1-4	1 024 769	984 687
	5-9	1 190 911	1 140 302
	10-14	1 125 771	1 078 738
	15-19	1 100 945	1 006 137
Total	0-14	3 601 143	3 453 935
	0-19	4 702 088	4 460 072
Average annual population	0-14	240 076	230 262
	0-19	313 473	297 338

Please consult the quality indicators for this registry