

USA, SEER 18, API (1993-2012)

	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	87	595	330	239	234	1251	1485	36.5	100.0	30.4	100.0	48.5	82.8	37.9	26.8	26.0	49.4	44.1	703	833	98.6	0.1
a. Lymphoid	39	477	259	149	106	924	1030	27.0	73.9	21.1	69.4	21.7	66.3	29.8	16.7	11.8	36.7	31.1	520	579	99.4	0.0
b. Acute myeloid	34	89	50	66	83	239	322	7.0	19.1	6.6	21.7	18.9	12.4	5.7	7.4	9.2	9.3	9.3	134	180	99.1	0.0
c. CMD	4	6	6	19	33	35	68	1.0	2.8	1.4	4.6	2.2	0.8	0.7	2.1	3.7	1.3	1.8	20	38	91.2	1.5
d. MDS & other	7	15	6	3	7	31	38	0.9	2.5	0.8	2.6	3.9	2.1	0.7	0.3	0.8	1.3	1.2	17	21	89.5	0.0
e. Unspecified	3	8	9	2	5	22	27	0.6	1.8	0.6	1.8	1.7	1.1	1.0	0.2	0.6	0.9	0.8	12	15	92.6	0.0
II LYMPHOMA & RELATED	12	90	119	165	289	386	675	11.3	100.0	13.8	100.0	6.7	12.5	13.7	18.5	32.1	14.2	18.2	218	378	98.5	0.0
a. Hodgkin	0	8	27	55	156	90	246	2.6	23.3	5.0	36.4	-	1.1	3.1	6.2	17.3	3.1	6.3	51	138	100.0	0.0
b. Non-Hodgkin except BL	1	40	57	81	104	179	283	5.2	46.4	5.8	41.9	0.6	5.6	6.6	9.1	11.6	6.5	7.7	101	159	98.9	0.0
c. Burkitt (BL)	0	14	24	21	17	59	76	1.7	15.3	1.6	11.3	-	1.9	2.8	2.4	1.9	2.2	2.1	33	43	98.7	0.0
d. Lymphoreticular	11	24	10	6	6	51	57	1.5	13.2	1.2	8.4	6.1	3.3	1.1	0.7	0.7	2.1	1.8	29	32	96.5	0.0
e. Unspecified	0	4	1	2	6	7	13	0.2	1.8	0.3	1.9	-	0.6	0.1	0.2	0.7	0.3	0.4	4	7	69.2	0.0
III CNS NEOPLASMS	49	196	203	143	131	591	722	17.2	100.0	14.8	100.0	27.3	27.3	23.3	16.0	14.6	22.7	20.9	333	406	83.0	0.4
a. Ependymoma	9	20	18	7	15	54	69	1.6	9.1	1.4	9.6	5.0	2.8	2.1	0.8	1.7	2.1	2.0	30	39	98.6	0.0
b. Astrocytoma	16	80	78	81	72	255	327	7.4	43.1	6.7	45.3	8.9	11.1	9.0	9.1	8.0	9.7	9.3	144	184	91.1	0.3
c. CNS embryonal	19	57	54	25	23	155	178	4.5	26.2	3.6	24.7	10.6	7.9	6.2	2.8	2.6	6.1	5.3	87	100	98.9	0.0
d. Other gliomas	3	28	52	29	19	112	131	3.3	19.0	2.7	18.1	1.7	3.9	6.0	3.3	2.1	4.2	3.7	63	74	32.8	0.8
e. Other specified	0	6	1	1	1	8	9	0.2	1.4	0.2	1.2	-	0.8	0.1	0.1	0.1	0.3	0.3	4	5	100.0	0.0
f. Unspecified CNS	2	5	0	0	1	7	8	0.2	1.2	0.2	1.1	1.1	0.7	-	-	0.1	0.3	0.3	4	4	62.5	12.5
IV NEUROBLASTOMA	75	109	25	1	8	210	218	6.1	100.0	4.5	100.0	41.8	15.2	2.9	0.1	0.9	8.9	7.1	117	122	97.7	0.0
a. (Ganglio)neuroblastoma	74	109	25	1	2	209	211	6.1	99.5	4.3	96.8	41.2	15.2	2.9	0.1	0.2	8.8	6.9	117	118	97.6	0.0
b. Peripheral nervous	1	0	0	0	6	1	7	0.0	0.5	0.1	3.2	0.6	-	-	-	0.7	0.0	0.2	1	4	100.0	0.0
V RETINOBLASTOMA	37	73	5	0	0	115	115	3.4	100.0	2.4	100.0	20.6	10.2	0.6	-	-	4.9	3.8	64	64	80.9	0.0
VI RENAL TUMOURS	16	62	14	4	9	96	105	2.8	100.0	2.1	100.0	8.9	8.6	1.6	0.4	1.0	4.0	3.3	54	59	98.1	1.0
a. Nephroblastoma	16	61	13	4	2	94	96	2.7	97.9	2.0	91.4	8.9	8.5	1.5	0.4	0.2	3.9	3.1	53	54	100.0	0.0
b. Renal carcinoma	0	0	1	0	7	1	8	0.0	1.0	0.2	7.6	-	-	0.1	-	0.8	0.0	0.2	1	4	87.5	12.5
c. Unspecified	0	1	0	0	0	1	1	0.0	1.0	0.0	1.0	-	0.1	-	-	-	0.0	0.0	1	1	0.0	0.0
VII HEPATIC TUMOURS	24	56	13	15	17	108	125	3.2	100.0	2.6	100.0	13.4	7.8	1.5	1.7	1.9	4.4	3.8	60	70	96.8	0.0
a. Hepatoblastoma	21	55	7	4	2	87	89	2.5	80.6	1.8	71.2	11.7	7.6	0.8	0.4	0.2	3.7	2.9	49	50	96.6	0.0
b. Hepatic carcinoma	3	0	6	11	15	20	35	0.6	18.5	0.7	28.0	1.7	-	0.7	1.2	1.7	0.7	0.9	11	20	97.1	0.0
c. Unspecified	0	1	0	0	0	1	1	0.0	0.9	0.0	0.8	-	0.1	-	-	-	0.0	0.0	1	1	100.0	0.0
VIII BONE TUMOURS	1	11	45	81	114	138	252	4.0	100.0	5.2	100.0	0.6	1.5	5.2	9.1	12.7	4.8	6.6	78	141	99.6	0.0
a. Osteosarcoma	0	1	33	64	65	98	163	2.9	71.0	3.3	64.7	-	0.1	3.8	7.2	7.2	3.4	4.2	55	92	100.0	0.0
b. Chondrosarcoma	0	1	0	3	6	4	10	0.1	2.9	0.2	4.0	-	0.1	-	0.3	0.7	0.1	0.3	2	6	100.0	0.0
c. Ewing & related	1	7	7	13	32	28	60	0.8	20.3	1.2	23.8	0.6	1.0	0.8	1.5	3.6	1.0	1.6	16	34	100.0	0.0
d. Other specified	0	2	5	1	10	8	18	0.2	5.8	0.4	7.1	-	0.3	0.6	0.1	1.1	0.3	0.5	5	10	94.4	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.0	0.4	-	-	-	-	0.1	-	0.0	-	1	100.0	0.0
IX SOFT TISSUE SARCOMA	23	53	44	72	126	192	318	5.6	100.0	6.5	100.0	12.8	7.4	5.1	8.1	14.0	7.3	8.8	108	178	99.4	0.0
a. Rhabdomyosarcoma	12	40	23	21	22	96	118	2.8	50.0	2.4	37.1	6.7	5.6	2.6	2.4	3.8	3.5	5.4	66	66	99.2	0.0
b. Fibrosarcoma	6	5	5	10	14	26	40	0.8	13.5	0.8	12.6	3.3	0.7	0.6	1.1	1.6	1.0	1.1	15	22	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.0	0.3	-	-	-	-	0.1	-	0.0	-	1	100.0	0.0
d. Other specified	3	7	12	31	67	53	120	1.5	27.6	2.5	37.7	1.7	1.0	1.4	3.5	7.5	1.9	3.1	30	67	100.0	0.0
e. Unspecified	2	1	4	10	22	17	39	0.5	8.9	0.8	12.3	1.1	0.1	0.5	1.1	2.4	0.6	1.0	10	22	97.4	0.0
X GERM CELL TUMOURS	46	34	32	94	216	206	422	6.0	100.0	8.6	100.0	25.6	4.7	3.7	10.5	24.0	7.7	11.4	116	236	97.4	0.0
a. CNS germ cell	4	0	18	52	55	74	129	2.2	35.9	2.6	30.6	2.2	-	2.1	5.8	6.1	2.5	3.3	42	72	93.8	0.0
b. Other extragonadal	27	16	1	5	26	49	75	1.4	23.8	1.5	17.8	15.0	2.2	0.1	0.6	2.9	2.1	2.2	27	42	96.0	0.0
c. Gonadal germ cell	15	18	13	33	118	79	197	2.3	38.3	4.0	46.7	8.4	2.5	1.5	3.7	13.1	3.0	5.3	44	110	100.0	0.0
d. Gonadal carcinoma	0	0	0	3	14	3	17	0.1	1.5	0.3	4.0	-	-	-	0.3	1.6	0.1	0.4	2	9	100.0	0.0
e. Unspecified gonadal	0	0	0	1	3	1	4	0.0	0.5	0.1	0.9	-	-	-	0.1	0.3	0.0	0.1	1	2	100.0	0.0
XI CARCINOMA & MELANOMA	3	10	20	93	313	126	439	3.7	100.0	9.0	100.0	1.7	1.4	2.3	10.4	34.8	4.3	11.2	71	245	99.1	0.0
a. Adrenocortical	0	3	0	0	1	3	4	0.1	2.4	0.1	0.9	-	0.4	-	-	0.1	0.1	0.1	2	2	75.0	0.0
b. Thyroid	0	0	6	48	186	54	240	1.6	42.9	4.9	54.7	-	-	0.7	5.4	20.7	1.8	6.0	30	134	100.0	0.0
c. Nasopharyngeal	0	0	0	5	23	5	28	0.1	4.0	0.6	6.4	-	-	-	0.6	2.6	0.2	0.7	3	16	100.0	0.0
d. Melanoma	2	6	8	13	15	29	44	0.8	23.0	0.9	10.0	1.1	0.8	0.9	1.5	1.7	1.1	1.2	16	25	95.5	0.0
e. Skin carcinoma	1	0	0	0	1	1	2	0.0	0.8	0.0	0.5	0.6	-	-	-	0.1	0.0	0.1	1	1	100.0	0.0
f. Other & unspecified	0	1	6	27	87	34	121	1.0	27.0	2.5	27.6	-	0.1	0.7	3.0	9.7	1.1	3.1	19	68	99.2	0.0
XII OTHER & UNSPECIFIED	1	4	2	2	4	9	13	0.3	100.0	0.3	100.0	0.6	0.6	0.2	0.2	0.4	0.4	0.4	5	7	92.3	0.0
a. Other specified	1	4	2	1	2	8	10	0.2	88.9	0.2	76.9	0.6	0.6	0.2	0.1	0.2	0.3	0.3	4	6	100.0	0.0
b. Other unspecified	0	0	0	1	2	1	3	0.0	11.1	0.1	23.1	-	-	-	0.1	0.2	0.0	0.1	1	2	66.7	0.0
TOTAL	374	1293	852	909	1461	3428	4889	100.0	100.0	100.0	100.0	208.3	179.8	98.0	102.0	162.5	133.0	139.7	1927	2740	95.8	0.1

Please consult the quality indicators for the constituent registries

USA, SEER 18, API (1993-2012)

	Males									M/F ratio		Females								
	Number of cases in age groups					ASR per million				0-14	0-19	Number of cases in age groups					ASR per million			
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19
I LEUKAEMIA	45	341	175	138	145	699	844	53.9	48.9	1.3	1.3	42	254	155	101	89	552	641	44.6	39.2
a. Lymphoid	20	268	147	86	75	521	596	40.4	34.9	1.3	1.4	19	209	112	63	31	403	434	32.8	27.0
b. Acute myeloid	17	57	19	38	39	131	170	10.0	9.7	1.2	1.1	17	32	31	28	44	108	152	8.5	8.9
c. CMD	3	1	2	10	26	16	42	1.1	2.1	0.8	1.6	1	5	4	9	7	19	26	1.4	1.5
d. MDS & other	4	9	3	3	2	19	21	1.5	1.3	1.6	1.2	3	6	3	0	5	12	17	1.0	1.0
e. Unspecified	1	6	4	1	3	12	15	0.9	0.9	1.2	1.3	2	2	5	1	2	10	12	0.8	0.7
II LYMPHOMA & RELATED	3	63	85	108	152	259	411	18.6	21.8	2.0	1.6	9	27	34	57	137	127	264	9.6	14.5
a. Hodgkin	0	5	24	34	83	63	146	4.3	7.4	2.3	1.5	0	3	3	21	73	27	100	1.9	5.2
b. Non-Hodgkin except BL	1	28	35	50	52	114	166	8.2	8.9	1.8	1.4	0	12	22	31	52	65	117	4.8	6.4
c. Burkitt (BL)	0	12	20	18	13	50	63	3.6	3.4	5.6	4.8	0	2	4	3	4	9	13	0.7	0.7
d. Lymphoreticular	2	17	6	5	2	30	32	2.4	1.9	1.4	1.3	9	7	4	1	4	21	25	1.8	1.6
e. Unspecified	0	1	0	1	2	2	4	0.1	0.2	0.4	0.4	0	3	1	1	4	5	9	0.4	0.5
III CNS NEOPLASMS	25	109	106	77	67	317	384	23.9	21.8	1.2	1.1	24	87	97	66	64	274	338	21.6	20.0
a. Ependymoma	7	10	10	4	8	31	39	2.4	2.3	1.3	1.3	2	10	8	3	7	23	30	1.9	1.8
b. Astrocytoma	6	41	35	43	40	125	165	9.2	9.1	1.0	1.0	10	39	43	38	32	130	162	10.1	9.5
c. CNS embryonal	10	34	35	13	9	92	101	7.1	5.9	1.5	1.3	9	23	19	12	14	63	77	5.1	4.6
d. Other gliomas	2	18	25	16	10	61	71	4.5	4.0	1.2	1.2	1	10	27	13	9	51	60	3.9	3.5
e. Other specified	0	4	1	1	0	6	6	0.5	0.4	3.0	2.0	0	2	0	0	1	2	3	0.2	0.2
f. Unspecified CNS	0	2	0	0	0	2	2	0.2	0.1	0.4	0.3	2	3	0	0	1	5	6	0.4	0.4
IV NEUROBLASTOMA	40	57	11	1	4	109	113	9.0	7.2	1.1	1.1	35	52	14	0	4	101	105	8.7	7.0
a. (Ganglio)neuroblastoma	40	57	11	1	1	109	110	9.0	7.0	1.1	1.1	34	52	14	0	1	100	101	8.7	6.8
b. Peripheral nervous	0	0	0	0	3	0	3	-	0.1	0.0	0.8	1	0	0	0	3	1	4	0.1	0.2
V RETINOBLASTOMA	21	36	3	0	0	60	60	5.0	3.9	1.1	1.1	16	37	2	0	0	55	55	4.8	3.7
VI RENAL TUMOURS	9	25	8	3	7	45	52	3.6	3.2	0.9	1.0	7	37	6	1	2	51	53	4.4	3.5
a. Nephroblastoma	9	25	8	3	2	45	47	3.6	2.9	0.9	1.0	7	36	5	1	0	49	49	4.2	3.3
b. Renal carcinoma	0	0	0	0	5	0	5	-	0.2	0.0	1.7	0	0	1	0	2	1	3	0.1	0.2
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.1	0.1
VII HEPATIC TUMOURS	15	38	6	11	13	70	83	5.6	5.0	1.8	2.0	9	18	7	4	4	38	42	3.2	2.7
a. Hepatoblastoma	14	38	2	3	2	57	59	4.7	3.7	1.9	2.0	7	17	5	1	0	30	30	2.6	2.0
b. Hepatic carcinoma	1	0	4	8	11	13	24	0.9	1.2	1.9	2.2	2	0	2	3	4	7	11	0.5	0.6
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.1	0.1
VIII BONE TUMOURS	1	8	23	41	77	73	150	5.0	7.6	1.1	1.5	0	3	22	40	37	65	102	4.6	5.5
a. Osteosarcoma	0	1	16	31	44	48	92	3.2	4.6	1.0	1.3	0	0	17	33	21	50	71	3.5	3.8
b. Chondrosarcoma	0	1	0	2	3	3	6	0.2	0.3	3.0	1.5	0	0	0	1	3	1	4	0.1	0.2
c. Ewing & related	1	4	2	8	22	15	37	1.1	1.9	1.2	1.6	0	3	5	5	10	13	23	1.0	1.3
d. Other specified	0	2	5	0	8	7	15	0.5	0.8	7.0	5.0	0	0	0	1	2	1	3	0.1	0.2
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1
IX SOFT TISSUE SARCOMA	12	37	31	32	67	112	179	8.4	9.8	1.4	1.3	11	16	13	40	59	80	139	6.0	7.7
a. Rhabdomyosarcoma	8	27	18	10	11	63	74	4.9	4.3	1.9	1.7	4	13	5	11	11	33	44	2.6	2.6
b. Fibrosarcoma	2	4	5	3	9	14	23	1.1	1.3	1.2	1.4	4	1	0	7	5	12	17	0.9	1.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.0	-	-	0	0	0	0	0	0	0	-	-
d. Other specified	1	5	6	15	34	27	61	1.9	3.1	1.0	1.0	2	2	6	16	33	26	59	1.9	3.2
e. Unspecified	1	1	2	4	12	8	20	0.6	1.0	0.9	1.1	1	0	2	6	10	9	19	0.6	1.0
X GERM CELL TUMOURS	25	24	11	41	132	101	233	7.5	12.3	1.0	1.2	21	10	21	53	84	105	189	7.9	10.4
a. CNS germ cell	0	0	10	34	45	44	89	2.9	4.4	1.5	2.2	4	0	8	18	10	30	40	2.2	2.2
b. Other extragonadal	10	7	0	4	23	21	44	1.7	2.4	0.8	1.4	17	9	1	1	3	28	31	2.4	2.0
c. Gonadal germ cell	15	17	1	3	63	36	99	3.0	5.4	0.8	1.0	0	1	12	30	55	43	98	3.0	5.2
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	3	14	3	17	0.2	0.9
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.0	0.0	0.3	0	0	0	1	2	1	3	0.1	0.2
XI CARCINOMA & MELANOMA	0	3	9	29	100	41	141	2.7	7.0	0.5	0.5	3	7	11	64	213	85	298	6.0	15.6
a. Adrenocortical	0	2	0	0	1	2	3	0.2	0.2	2.0	3.0	0	1	0	0	0	1	1	0.1	0.1
b. Thyroid	0	0	0	3	29	3	32	0.2	1.6	0.1	0.2	0	0	6	45	157	51	208	3.5	10.8
c. Nasopharyngeal	0	0	0	5	14	5	19	0.3	0.9	-	2.1	0	0	0	0	9	0	9	-	0.5
d. Melanoma	0	1	5	8	8	14	22	1.0	1.1	0.9	1.0	2	5	3	5	7	15	22	1.2	1.3
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	1.0	1	0	0	0	0	1	1	0.1	0.1
f. Other & unspecified	0	0	4	13	47	17	64	1.1	3.2	1.0	1.1	0	1	2	14	40	17	57	1.2	3.0
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.1	0.1	0.1	0.2	1	3	2	2	3	8	11	0.6	0.6
a. Other specified	0	1	0	0	1	1	2	0.1	0.1	0.1	0.3	1	3	2	1	1	7	8	0.6	0.5
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.1	0.2
TOTAL	196	742	468	481	765	1887	2652	143.4	148.4	1.2	1.2	178	551	384	428	696	1541	2237	122.1	130.5

Please consult the quality indicators for the constituent registries

USA, SEER 18, API (1993-2012)

	Age group	Males	Females
Person-years	0	924 916	870 433
	1-4	3 677 211	3 512 877
	5-9	4 440 742	4 257 104
	10-14	4 570 565	4 340 885
	15-19	4 622 566	4 369 438
Total	0-14	13 613 434	12 981 299
	0-19	18 236 000	17 350 737
Average annual population	0-14	680 672	649 065
	0-19	911 800	867 537

Please consult the quality indicators for the constituent registries

USA, SEER 18, API (1993-2012)

Registry	Period	Cases	%	Person-years	%
Alaska Natives	-	-	-	-	-
California, Greater California	2000-2012	973	19.9	7 440 483	20.9
California, Los Angeles	1993-2012	830	17.0	6 466 220	18.2
California, San Francisco	1993-2012	670	13.7	4 674 062	13.1
California, San José	1993-2012	434	8.9	2 948 175	8.3
Connecticut	1993-2012	77	1.6	652 854	1.8
Georgia, Atlanta	1993-2012	129	2.6	927 004	2.6
Georgia, Greater Georgia	2000-2012	43	0.9	380 064	1.1
Georgia, Rural	1993-2012	0	0.0	2 906	0.0
Hawaii	1993-2012	775	15.9	5 237 173	14.7
Iowa	1993-2012	40	0.8	295 362	0.8
Kentucky	2000-2012	22	0.4	192 475	0.5
Louisiana	2000-2012	44	0.9	261 397	0.7
Michigan, Detroit	1993-2012	92	1.9	765 319	2.2
New Jersey	2000-2012	349	7.1	2 454 374	6.9
New Mexico	1993-2012	23	0.5	167 327	0.5
Utah	1993-2012	52	1.1	488 415	1.4
Washington, Seattle	1993-2012	336	6.9	2 233 127	6.3
USA	1993-2012	4889	100.0	35 586 737	100.0

Please consult the quality indicators for the constituent registries