

USA, SEER 18 (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	953	6889	3882	3000	3043	14724	17767	32.9	100.0	27.2	100.0	50.2	91.0	41.1	30.9	31.6	54.3	49.2	774	932	98.0	0.1
a. Lymphoid	394	5825	3225	2018	1640	11462	13102	25.6	77.8	20.1	73.7	20.7	76.9	34.2	20.8	17.0	42.5	36.7	603	688	98.9	0.1
b. Acute myeloid	358	779	450	703	914	2290	3204	5.1	15.6	4.9	18.0	18.8	10.3	4.8	7.2	9.5	8.3	8.6	120	167	98.8	0.1
c. CMD	63	59	62	162	318	346	664	0.8	2.3	1.0	3.7	3.3	0.8	0.7	1.7	3.3	1.2	1.7	18	35	83.9	0.5
d. MDS & other	88	121	63	60	95	332	427	0.7	2.3	0.7	2.4	4.6	1.6	0.7	0.6	1.0	1.2	1.2	17	22	93.0	0.5
e. Unspecified	50	105	82	57	76	294	370	0.7	2.0	0.6	2.1	2.6	1.4	0.9	0.6	0.8	1.1	1.0	15	19	88.6	1.6
II LYMPHOMA & RELATED	174	803	1418	2410	4688	4805	9493	10.7	100.0	14.6	100.0	9.2	10.6	15.0	24.8	48.7	16.0	23.4	251	494	98.8	0.0
a. Hodgkin	1	83	412	1134	2951	1630	4581	3.6	33.9	7.0	48.3	0.1	1.1	4.4	11.7	30.6	5.1	10.9	85	238	99.7	0.0
b. Non-Hodgkin except BL	28	345	592	914	1395	1879	3274	4.2	39.1	5.0	34.5	1.5	4.6	6.3	9.4	14.5	6.3	8.1	98	170	98.9	0.0
c. Burkitt (BL)	3	145	286	257	220	691	911	1.5	14.4	1.4	9.6	0.2	1.9	3.0	2.6	2.3	2.3	2.3	36	48	99.6	0.0
d. Lymphoreticular	139	213	104	76	54	532	586	1.2	11.1	0.9	6.2	7.3	2.8	1.1	0.8	0.6	2.0	1.7	28	31	95.6	0.0
e. Unspecified	3	17	24	29	68	73	141	0.2	1.5	0.2	1.5	0.2	0.2	0.3	0.3	0.7	0.3	0.4	4	7	78.0	0.7
III CNS NEOPLASMS	641	3083	3068	2455	1955	9247	11202	20.7	100.0	17.2	100.0	33.7	40.7	32.5	25.3	20.3	33.0	30.2	485	587	83.8	0.3
a. Ependymoma	95	389	195	155	152	834	986	1.9	9.0	1.5	8.8	5.0	5.1	2.1	1.6	1.6	3.1	2.8	44	52	98.4	0.2
b. Astrocytoma	246	1389	1463	1377	1084	4475	5559	10.0	48.4	8.5	49.6	12.9	18.3	15.5	14.2	11.3	15.8	14.8	235	291	88.7	0.1
c. CNS embryonal	213	843	703	409	275	2168	2443	4.8	23.4	3.7	21.8	11.2	11.1	7.4	4.2	2.9	7.9	6.8	114	128	98.6	0.2
d. Other gliomas	51	376	646	442	376	1515	1891	3.4	16.4	2.9	16.9	2.7	5.0	6.8	4.5	3.9	5.3	5.0	79	99	43.9	0.3
e. Other specified	15	51	41	43	47	150	197	0.3	1.6	0.3	1.8	0.8	0.7	0.4	0.4	0.5	0.5	0.5	8	10	97.5	0.0
f. Unspecified CNS	21	35	20	29	21	105	126	0.2	1.1	0.2	1.1	1.1	0.5	0.2	0.3	0.2	0.4	0.3	6	7	41.3	11.9
IV NEUROBLASTOMA	997	1519	345	127	83	2988	3071	6.7	100.0	4.7	100.0	52.5	20.1	3.7	1.3	0.9	11.8	9.4	158	162	97.9	0.0
a. (Ganglio)neuroblastoma	992	1508	334	110	39	2944	2983	6.6	98.5	4.6	97.1	52.2	19.9	3.5	1.1	0.4	11.7	9.1	155	157	97.9	0.0
b. Peripheral nervous	5	11	11	17	44	44	88	0.1	1.5	0.1	2.9	0.3	0.1	0.1	0.2	0.5	0.2	0.2	2	5	96.6	0.0
V RETINOBLASTOMA	519	703	42	6	2	1270	1272	2.8	100.0	2.0	100.0	27.3	9.3	0.4	0.1	0.0	5.2	4.0	67	67	81.1	0.1
VI RENAL TUMOURS	299	1438	496	104	143	2337	2480	5.2	100.0	3.8	100.0	15.7	19.0	5.3	1.1	1.5	9.1	7.4	123	131	99.2	0.0
a. Nephroblastoma	296	1426	470	59	27	2251	2278	5.0	96.3	3.5	91.9	15.6	18.8	5.0	0.6	0.3	8.8	6.9	119	120	99.3	0.0
b. Renal carcinoma	2	8	25	45	116	80	196	0.2	3.4	0.3	7.9	0.1	0.1	0.3	0.5	1.2	0.3	0.5	4	10	99.0	0.5
c. Unspecified	1	4	1	0	0	6	6	0.0	0.3	0.0	0.2	0.1	0.1	0.0	-	-	0.0	0.0	0	0	50.0	0.0
VII HEPATIC TUMOURS	223	409	91	99	128	822	950	1.8	100.0	1.5	100.0	11.7	5.4	1.0	1.0	1.3	3.2	2.8	43	50	96.7	0.3
a. Hepatoblastoma	216	395	61	36	10	708	718	1.6	86.1	1.1	75.6	11.4	5.2	0.6	0.4	0.1	2.8	2.2	37	38	97.4	0.1
b. Hepatic carcinoma	6	12	29	63	118	110	228	0.2	13.4	0.3	24.0	0.3	0.2	0.3	0.6	1.2	0.4	0.6	6	12	94.7	0.9
c. Unspecified	1	2	1	0	0	4	4	0.0	0.5	0.0	0.4	0.1	0.0	0.0	-	-	0.0	0.0	0	0	100.0	0.0
VIII BONE TUMOURS	14	120	526	1277	1409	1937	3346	4.3	100.0	5.1	100.0	0.7	1.6	5.6	13.1	14.6	6.2	8.1	101	174	98.6	0.1
a. Osteosarcoma	1	33	291	805	807	1130	1937	2.5	58.3	3.0	57.9	0.1	0.4	3.1	8.3	8.4	3.5	4.6	59	101	99.1	0.0
b. Chondrosarcoma	0	1	10	52	85	63	148	0.1	3.3	0.2	4.4	-	0.0	0.1	0.5	0.9	0.2	0.3	3	8	97.3	0.0
c. Ewing & related	6	71	189	365	397	631	1028	1.4	32.6	1.6	30.7	0.3	0.9	2.0	3.8	4.1	2.1	2.5	33	53	99.4	0.0
d. Other specified	4	11	25	36	91	76	167	0.2	3.9	0.3	5.0	0.2	0.1	0.3	0.4	0.9	0.3	0.4	4	9	98.2	0.0
e. Unspecified	3	4	11	19	29	37	66	0.1	1.9	0.1	2.0	0.2	0.1	0.1	0.2	0.3	0.1	0.2	2	3	74.2	4.5
IX SOFT TISSUE SARCOMA	319	788	767	1127	1550	3001	4551	6.7	100.0	7.0	100.0	16.8	10.4	8.1	11.6	16.1	10.5	11.8	157	237	99.3	0.0
a. Rhabdomyosarcoma	107	566	411	351	329	1435	1764	3.2	47.8	2.7	38.8	5.6	7.5	4.4	3.6	3.4	5.2	4.8	75	92	99.5	0.1
b. Fibrosarcoma	95	46	62	110	176	313	489	0.7	10.4	0.7	10.7	5.0	0.6	0.7	1.1	1.8	1.1	1.3	16	26	98.8	0.0
c. Kaposi sarcoma	3	0	1	1	10	5	15	0.0	0.2	0.0	0.3	0.2	-	0.0	0.0	0.1	0.0	0.0	0	1	86.7	0.0
d. Other specified	82	132	241	526	860	981	1841	2.2	32.7	2.8	40.5	4.3	1.7	2.6	5.4	8.9	3.3	4.5	51	96	99.7	0.0
e. Unspecified	32	44	52	139	175	267	442	0.6	8.9	0.7	9.7	1.7	0.6	0.6	1.4	1.8	0.9	1.1	14	23	97.7	0.0
X GERM CELL TUMOURS	393	274	244	753	2816	1664	4480	3.7	100.0	6.9	100.0	20.7	3.6	2.6	7.7	29.2	5.8	11.1	87	233	97.5	0.0
a. CNS germ cell	42	13	112	282	265	449	714	1.0	27.0	1.1	15.9	2.2	0.2	1.2	2.9	2.8	1.4	1.7	23	37	91.0	0.0
b. Other extragonadal	259	123	13	47	193	442	635	1.0	26.6	1.0	14.2	13.6	1.6	0.1	0.5	2.0	1.7	1.8	23	33	96.2	0.2
c. Gonadal germ cell	89	136	111	381	2181	717	2898	1.6	43.1	4.4	64.7	4.7	1.8	1.2	3.9	22.6	2.4	7.0	37	151	99.6	0.0
d. Gonadal carcinoma	0	0	1	23	130	24	154	0.1	1.4	0.2	3.4	-	-	0.0	0.2	1.3	0.1	0.4	1	8	96.1	0.6
e. Unspecified gonadal	3	2	7	20	47	32	79	0.1	1.9	0.1	1.8	0.2	0.0	0.1	0.2	0.5	0.1	0.2	2	4	94.9	0.0
XI CARCINOMA & MELANOMA	33	126	348	1287	4565	1794	6359	4.0	100.0	9.8	100.0	1.7	1.7	3.7	13.2	47.4	5.7	15.1	93	330	99.5	0.0
a. Adrenocortical	10	29	16	17	19	72	91	0.2	4.0	0.1	1.4	0.5	0.4	0.2	0.2	0.2	0.3	0.2	4	5	98.9	0.0
b. Thyroid	2	15	115	524	1957	656	2613	1.5	36.6	4.0	41.1	0.1	0.2	1.2	5.4	20.3	2.0	6.1	34	136	99.8	0.0
c. Nasopharyngeal	0	0	5	73	128	78	206	0.2	4.3	0.3	3.2	-	-	0.1	0.8	1.3	0.2	0.5	4	11	100.0	0.0
d. Melanoma	12	66	132	327	1363	537	1900	1.2	29.9	2.9	29.9	0.6	0.9	1.4	3.4	14.1	1.7	4.5	28	99	99.4	0.0
e. Skin carcinoma	1	0	2	12	23	15	38	0.0	0.8	0.1	0.6	0.1	-	0.0	0.1	0.2	0.0	0.1	1	2	100.0	0.0
f. Other & unspecified	8	16	78	334	1075	436	1511	1.0	24.3	2.3	23.8	0.4	0.2	0.8	3.4	11.2	1.4	3.6	23	78	99.1	0.1
XII OTHER & UNSPECIFIED	27	51	26	48	94	152	246	0.3	100.0	0.4	100.0	1.4	0.7	0.3	0.5	1.0	0.6	0.6	8	13	82.5	6.9
a. Other specified	14	36	10	31	48	91	139	0.2	59.9	0.2	56.5	0.7	0.5	0.1	0.3	0.5	0.3	0.4	5	7	99.3	0.0
b. Other unspecified	13	15	16	17	46	61	107	0.1	40.1	0.2	43.5	0.7	0.2	0.2	0.2	0.5	0.2	0.3	3	6	60.7	15.9
TOTAL	4592	16203	11253	12693	20476	44741	65217	100.0	100.0	100.0	100.0	241.7	213.9	119.2	130.6	212.5	161.3	172.9	2347	3409	95.5	0.1

Please consult the quality indicators for the constituent registries

USA, SEER 18 (1993-2012)

	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	494	3781	2122	1690	1839	8087	9926	58.2	53.4	1.2	1.3	459	3108	1760	1310	1204	6637	7841	50.2	44.7				
a. Lymphoid	194	3206	1782	1151	1111	6333	7444	45.8	40.5	1.2	1.3	200	2619	1443	867	529	5129	5658	39.0	32.8				
b. Acute myeloid	187	417	238	378	473	1220	1693	8.6	8.8	1.1	1.1	171	362	212	325	441	1070	1511	7.9	8.3				
c. CMD	29	33	25	94	169	181	350	1.2	1.7	1.1	1.1	34	26	37	68	149	165	314	1.2	1.6				
d. MDS & other	56	65	32	38	42	191	233	1.4	1.3	1.4	1.2	32	56	31	22	53	141	194	1.1	1.1				
e. Unspecified	28	60	45	29	44	162	206	1.2	1.1	1.2	1.3	22	45	37	28	32	132	164	1.0	0.9				
II LYMPHOMA & RELATED	86	525	995	1468	2571	3074	5645	20.1	27.2	1.8	1.5	88	278	423	942	2117	1731	3848	11.8	19.3				
a. Hodgkin	0	61	293	618	1440	972	2412	6.1	11.2	1.5	1.1	1	22	119	516	1511	658	2169	4.2	10.5				
b. Non-Hodgkin except BL	12	217	392	581	883	1202	2085	7.8	10.1	1.8	1.8	16	128	200	333	512	677	1189	4.6	6.1				
c. Burkitt (BL)	3	111	233	211	173	558	731	3.7	3.7	4.2	4.1	0	34	53	46	47	133	180	0.9	1.0				
d. Lymphoreticular	68	126	60	43	31	297	328	2.2	1.8	1.3	1.3	71	87	44	33	23	235	258	1.8	1.5				
e. Unspecified	3	10	17	15	44	45	89	0.3	0.4	1.6	1.7	0	7	7	14	24	28	52	0.2	0.3				
III CNS NEOPLASMS	339	1693	1649	1306	1089	4987	6076	34.9	32.0	1.2	1.2	302	1390	1419	1149	866	4260	5126	31.1	28.3				
a. Ependymoma	56	217	103	83	86	459	545	3.4	3.0	1.2	1.2	39	172	92	72	66	375	441	2.8	2.5				
b. Astrocytoma	117	721	748	712	599	2298	2897	15.8	15.0	1.1	1.1	129	668	715	665	485	2177	2662	15.7	14.5				
c. CNS embryonal	117	507	446	253	160	1323	1483	9.4	8.0	1.6	1.5	96	336	257	156	115	845	960	6.4	5.5				
d. Other gliomas	27	197	316	223	206	763	969	5.2	5.0	1.0	1.1	24	179	330	219	170	752	922	5.3	5.0				
e. Other specified	11	30	25	22	26	88	114	0.6	0.6	1.4	1.4	4	21	16	21	21	62	83	0.4	0.4				
f. Unspecified CNS	11	21	11	13	12	56	68	0.4	0.4	1.1	1.2	10	14	9	16	9	49	58	0.4	0.3				
IV NEUROBLASTOMA	537	796	176	55	48	1564	1612	12.1	9.6	1.1	1.1	460	723	169	72	35	1424	1459	11.5	9.1				
a. (Ganglio)neuroblastoma	536	790	170	50	23	1546	1569	12.0	9.4	1.1	1.1	456	718	164	60	16	1398	1414	11.3	8.9				
b. Peripheral nervous	1	6	6	5	25	18	43	0.1	0.2	0.7	1.0	4	5	5	12	19	26	45	0.2	0.2				
V RETINOBLASTOMA	266	379	25	2	0	672	672	5.3	4.1	1.1	1.1	253	324	17	4	2	598	600	5.0	3.9				
VI RENAL TUMOURS	164	690	203	51	63	1108	1171	8.5	6.9	0.9	0.9	135	748	293	53	80	1229	1309	9.8	7.9				
a. Nephroblastoma	162	685	194	30	9	1071	1080	8.2	6.4	0.9	0.9	134	741	276	29	18	1180	1198	9.4	7.4				
b. Renal carcinoma	1	4	9	21	54	35	89	0.2	0.4	0.8	0.8	1	4	16	24	62	45	107	0.3	0.5				
c. Unspecified	1	1	0	0	0	2	2	0.0	0.0	0.5	0.5	0	3	1	0	0	4	4	0.0	0.0				
VII HEPATIC TUMOURS	128	264	52	58	76	502	578	3.8	3.3	1.6	1.6	95	145	39	41	52	320	372	2.5	2.2				
a. Hepatoblastoma	125	254	32	19	7	430	437	3.4	2.6	1.5	1.6	91	141	29	17	3	278	281	2.2	1.8				
b. Hepatic carcinoma	3	9	20	39	69	71	140	0.5	0.7	1.8	1.6	3	3	9	24	49	39	88	0.3	0.4				
c. Unspecified	0	1	0	0	0	1	1	0.0	0.0	0.3	0.3	1	1	1	0	0	3	3	0.0	0.0				
VIII BONE TUMOURS	7	70	280	686	936	1043	1979	6.5	9.3	1.2	1.4	7	50	246	591	473	894	1367	5.8	6.8				
a. Osteosarcoma	0	17	144	402	538	563	1101	3.4	5.1	1.0	1.3	1	16	147	403	269	567	836	3.6	4.1				
b. Chondrosarcoma	0	1	7	39	57	47	104	0.3	0.5	2.9	2.4	0	0	3	13	28	16	44	0.1	0.2				
c. Ewing & related	3	44	107	216	276	370	646	2.4	3.1	1.4	1.7	3	27	82	149	121	261	382	1.7	1.9				
d. Other specified	2	5	16	18	47	41	88	0.3	0.4	1.2	1.1	2	6	9	18	44	35	79	0.2	0.4				
e. Unspecified	2	3	6	11	18	22	40	0.1	0.2	1.5	1.5	1	1	5	8	11	15	26	0.1	0.1				
IX SOFT TISSUE SARCOMA	184	436	452	590	821	1662	2483	11.4	12.6	1.2	1.2	135	352	315	537	729	1339	2068	9.6	10.9				
a. Rhabdomyosarcoma	63	311	261	196	191	831	1022	5.9	5.4	1.4	1.4	44	255	150	155	138	604	742	4.5	4.2				
b. Fibrosarcoma	50	27	31	49	82	157	239	1.1	1.2	1.0	1.0	45	19	31	61	94	156	250	1.1	1.3				
c. Kaposi sarcoma	3	0	0	1	10	4	14	0.0	0.1	4.0	14.0	0	0	1	0	0	1	1	0.0	0.0				
d. Other specified	53	77	133	267	443	530	973	3.5	4.7	1.2	1.1	29	55	108	259	417	451	868	3.0	4.4				
e. Unspecified	15	21	27	77	95	140	235	0.9	1.1	1.1	1.1	17	23	25	62	80	127	207	0.9	1.1				
X GERM CELL TUMOURS	207	164	78	326	2050	775	2825	5.4	13.5	0.9	1.7	186	110	166	427	766	889	1655	6.3	8.5				
a. CNS germ cell	15	7	64	225	225	311	536	1.9	2.5	2.3	3.0	27	6	48	57	40	138	178	1.0	0.9				
b. Other extragonadal	103	39	4	29	115	175	290	1.3	1.6	0.7	0.8	156	84	9	18	78	267	345	2.2	2.1				
c. Gonadal germ cell	87	116	8	71	1695	282	1977	2.1	9.3	0.6	2.1	2	20	103	310	486	435	921	2.8	4.5				
d. Gonadal carcinoma	0	0	0	1	10	1	11	0.0	0.0	0.0	0.1	0	0	1	22	120	23	143	0.1	0.7				
e. Unspecified gonadal	2	2	2	0	5	6	11	0.0	0.1	0.2	0.2	1	0	5	20	42	26	68	0.2	0.3				
XI CARCINOMA & MELANOMA	11	55	138	473	1474	677	2151	4.2	9.9	0.6	0.5	22	71	210	814	3091	1117	4208	7.2	20.5				
a. Adrenocortical	4	10	7	6	7	27	34	0.2	0.2	0.6	0.6	6	19	9	11	12	45	57	0.3	0.3				
b. Thyroid	1	5	36	107	330	149	479	0.9	2.2	0.3	0.2	1	10	79	417	1627	507	2134	3.2	10.3				
c. Nasopharyngeal	0	0	4	54	87	58	145	0.3	0.7	2.9	2.4	0	0	1	19	41	20	61	0.1	0.3				
d. Melanoma	2	33	56	154	561	245	806	1.6	3.7	0.8	0.7	10	33	76	173	802	292	1094	2.0	5.4				
e. Skin carcinoma	0	0	0	6	12	6	18	0.0	0.1	0.7	0.9	1	0	2	6	11	9	20	0.1	0.1				
f. Other & unspecified	4	7	35	146	477	192	669	1.2	3.1	0.8	0.8	4	9	43	188	598	244	842	1.6	4.1				
XII OTHER & UNSPECIFIED	13	20	11	18	37	62	99	0.4	0.5	0.7	0.7	14	31	15	30	57	90	147	0.7	0.8				
a. Other specified	6	17	4	12	20	39	59	0.3	0.3	0.8	0.7	8	19	6	19	28	52	80	0.4	0.4				
b. Other unspecified	7	3	7	6	17	23	40	0.2	0.2	0.6	0.6	6	12	9	11	29	38	67	0.3	0.4				
TOTAL	2436	8873	6181	6723	11004	24213	35217	170.9	182.3	1.2	1.2	2156	7330	5072	5970	9472	20528	30000	151.3	162.9				

Please consult the quality indicators for the constituent registries

USA, SEER 18 (1993-2012)

	Age group	Males	Females
Person-years	0	9 720 146	9 281 072
	1-4	38 721 190	37 012 926
	5-9	48 290 296	46 126 868
	10-14	49 749 901	47 416 271
	15-19	49 639 436	46 712 952
Total	0-14	146 481 533	139 837 137
	0-19	196 120 969	186 550 089
Average annual population	0-14	7 324 077	6 991 857
	0-19	9 806 048	9 327 504

Please consult the quality indicators for the constituent registries

USA, SEER 18 (1993-2012)

Registry	Period	Cases	%	Person-years	%
Alaska Natives	1993-2012	159	0.2	912 127	0.2
California, Greater California	2000-2012	13237	20.3	76 459 077	20.0
California, Los Angeles	1993-2012	9333	14.3	56 663 992	14.8
California, San Francisco	1993-2012	3358	5.1	20 247 600	5.3
California, San José	1993-2012	2363	3.6	13 310 401	3.5
Connecticut	1993-2012	3297	5.1	18 314 349	4.8
Georgia, Atlanta	1993-2012	2681	4.1	17 138 008	4.5
Georgia, Greater Georgia	2000-2012	3533	5.4	21 987 621	5.7
Georgia, Rural	1993-2012	91	0.1	664 320	0.2
Hawaii	1993-2012	1059	1.6	6 685 312	1.7
Iowa	1993-2012	2869	4.4	16 343 420	4.3
Kentucky	2000-2012	2586	4.0	14 642 066	3.8
Louisiana	2000-2012	2579	4.0	16 647 484	4.4
Michigan, Detroit	1993-2012	3772	5.8	22 376 592	5.8
New Jersey	2000-2012	5715	8.8	29 972 596	7.8
New Mexico	1993-2012	1712	2.6	11 280 048	2.9
Utah	1993-2012	2917	4.5	16 960 655	4.4
Washington, Seattle	1993-2012	3956	6.1	22 065 390	5.8
USA	1993-2012	65217	100.0	382 671 058	100.0

Please consult the quality indicators for the constituent registries