

Table 3.7

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 15-19

Both Sexes	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	17,446	21.3	0.8*	4,808	24.4	0.8*
1. Leukemias	2,065	2.5	0.9*	551	2.8	0.9*
2. Lymphomas	4,212	5.2	0.2	1,072	5.4	0.2
3. CNS, intracranial, intraspinal	1,679	2.1	0.6*	446	2.3	0.6*
4. Osseous & chondromatous neoplasms	1,309	1.6	0.4	314	1.6	0.4
5. Soft tissue sarcomas	1,219	1.5	0.1	287	1.5	0.1
6. Germ cell and trophoblastic neoplasms	2,029	2.5	0.0	514	2.6	-3.4
7. Melanoma and skin carcinomas	1,217	1.5	-0.1	259	1.3	-3.4*
8. Carcinomas (excluding skin)	3,231	4.0	2.1*	1,168	5.9	5.1*
9. Miscellaneous specified neoplasms, NOS	406	0.5	2.5	178	0.9	1.3
10. Unspecified malignant neoplasms	62	0.1	-	-	-	-

Males	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	9,133	21.9	0.7*	2,476	24.6	0.7*
1. Leukemias	1,231	2.9	0.7*	319	3.2	0.7*
2. Lymphomas	2,271	5.4	0.3	601	6.0	0.3
3. CNS, intracranial, intraspinal	959	2.3	0.5	242	2.4	0.5
4. Osseous & chondromatous neoplasms	866	2.1	0.6	223	2.2	0.6
5. Soft tissue sarcomas	652	1.6	0.3	162	1.6	0.3
6. Germ cell and trophoblastic neoplasms	1,509	3.6	0.9*	404	4.0	0.9*
7. Melanoma and skin carcinomas	484	1.2	0.4	103	1.0	0.4
8. Carcinomas (excluding skin)	932	2.2	2.7*	323	3.2	7.3*
9. Miscellaneous specified neoplasms, NOS	195	0.5	-	91	0.9	-
10. Unspecified malignant neoplasms	28	0.1	-	-	-	-

Females	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	8,313	20.8	0.7*	2,332	24.2	0.7*
1. Leukemias	834	2.1	1.2*	232	2.4	1.2*
2. Lymphomas	1,941	4.9	0.0	471	4.9	0.0
3. CNS, intracranial, intraspinal	720	1.8	0.7*	204	2.1	0.7*
4. Osseous & chondromatous neoplasms	443	1.1	0.0	91	0.9	0.0
5. Soft tissue sarcomas	567	1.4	0.0	125	1.3	0.0
6. Germ cell and trophoblastic neoplasms	520	1.3	-0.6	110	1.1	-0.6
7. Melanoma and skin carcinomas	733	1.8	-0.3	156	1.6	-3.3*
8. Carcinomas (excluding skin)	2,299	5.7	1.7*	845	8.8	3.0
9. Miscellaneous specified neoplasms, NOS	211	0.5	-	87	0.9	-
10. Unspecified malignant neoplasms	34	0.1	-	-	-	-

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

^b Adapted from: RD Barr, EJ Holowaty, JM Birch. Classification Scheme for tumors diagnosed in adolescents and young adults. Cancer. 106:7; 1425-1430. (Restricted to malignant tumors and updated based on ICD-O-3 definitions).

^c The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2018.

- Statistic could not be calculated. Count and rate based on less than 16 cases for the time interval. AAPC could not be calculated due to insufficient data.

* The AAPC is significantly different from zero (p<.05).