

Table 3.11

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 35-39

Both Sexes	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	113,030	135.7	0.7*	29,010	145.1	0.1
1. Leukemias	3,252	3.9	0.6	911	4.6	1.9*
2. Lymphomas	9,128	11.0	1.1*	2,005	10.0	-1.4*
3. CNS, intracranial, intraspinal	3,287	3.9	-0.2	749	3.7	-0.2
4. Osseous & chondromatous neoplasms	570	0.7	1.2*	156	0.8	1.2*
5. Soft tissue sarcomas	6,561	7.9	0.7	876	4.4	-1.4*
6. Germ cell and trophoblastic neoplasms	5,033	6.0	1.5*	1,329	6.6	0.4*
7. Melanoma and skin carcinomas	12,239	14.7	1.4*	3,140	15.7	0.3*
8. Carcinomas (excluding skin)	70,191	84.3	0.5*	18,869	94.4	0.4
9. Miscellaneous specified neoplasms, NOS	2,144	2.6	2.8*	828	4.1	2.5*
10. Unspecified malignant neoplasms	569	0.7	-0.5	114	0.6	-0.5

Males	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	41,765	100.6	0.5*	9,742	97.7	0.2
1. Leukemias	1,877	4.5	0.4*	506	5.1	0.4*
2. Lymphomas	5,845	14.1	1.1*	1,161	11.6	-1.6*
3. CNS, intracranial, intraspinal	1,907	4.6	-0.3	426	4.3	-0.3
4. Osseous & chondromatous neoplasms	319	0.8	0.5	83	0.8	0.5
5. Soft tissue sarcomas	5,050	12.2	1.7	528	5.3	-2.0*
6. Germ cell and trophoblastic neoplasms	4,778	11.5	1.6*	1,259	12.6	0.4*
7. Melanoma and skin carcinomas	5,238	12.6	0.6	1,227	12.3	-0.4*
8. Carcinomas (excluding skin)	15,599	37.6	0.3*	4,159	41.7	1.1*
9. Miscellaneous specified neoplasms, NOS	902	2.2	2.4	335	3.4	1.5
10. Unspecified malignant neoplasms	220	0.5	-1.1	39	0.4	-1.1

Females	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	71,265	170.6	0.7*	19,268	192.3	0.3
1. Leukemias	1,375	3.3	0.9	405	4.0	1.3*
2. Lymphomas	3,283	7.9	1.0*	844	8.4	-0.8
3. CNS, intracranial, intraspinal	1,380	3.3	-0.1	323	3.2	-0.1
4. Osseous & chondromatous neoplasms	251	0.6	-	73	0.7	-
5. Soft tissue sarcomas	1,511	3.6	-0.4	348	3.5	-0.4
6. Germ cell and trophoblastic neoplasms	255	0.6	0.1	70	0.7	0.1
7. Melanoma and skin carcinomas	7,001	16.8	1.7	1,913	19.1	0.5*
8. Carcinomas (excluding skin)	54,592	130.7	0.5*	14,710	146.8	0.4
9. Miscellaneous specified neoplasms, NOS	1,242	3.0	3.6*	493	4.9	3.6*
10. Unspecified malignant neoplasms	349	0.8	-0.2	75	0.7	-0.2

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).