

Table 3.10

Age-Adjusted SEER Incidence<sup>a</sup>, by Year and Sex  
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults<sup>b</sup>  
All Races, Ages 30-34

Both Sexes	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	77,692	88.3	0.8*	20,893	99.9	0.2
1. Leukemias	2,620	3.0	0.8*	713	3.4	0.8*
2. Lymphomas	8,071	9.2	0.9	1,790	8.6	-0.9*
3. CNS, intracranial, intraspinal	3,017	3.4	0.4*	766	3.7	0.4*
4. Osseous & chondromatous neoplasms	573	0.7	0.5	141	0.7	0.5
5. Soft tissue sarcomas	5,603	6.4	1.0	802	3.8	-0.8
6. Germ cell and trophoblastic neoplasms	6,472	7.4	1.7*	1,784	8.5	0.6*
7. Melanoma and skin carcinomas	9,818	11.2	1.4*	2,593	12.4	0.2
8. Carcinomas (excluding skin)	39,827	45.3	0.8*	11,663	55.8	1.9*
9. Miscellaneous specified neoplasms, NOS	1,266	1.4	2.9*	525	2.5	2.1*
10. Unspecified malignant neoplasms	385	0.4	0.7	93	0.4	0.7

  

Males	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	31,624	71.8	0.7	7,822	74.5	-0.4
1. Leukemias	1,504	3.4	0.7*	396	3.8	0.7*
2. Lymphomas	4,946	11.2	1.0	1,034	9.8	-1.0*
3. CNS, intracranial, intraspinal	1,759	4.0	0.3	446	4.2	0.3
4. Osseous & chondromatous neoplasms	325	0.7	0.7	86	0.8	0.7
5. Soft tissue sarcomas	4,418	10.0	1.1	501	4.8	-1.6*
6. Germ cell and trophoblastic neoplasms	6,061	13.8	1.7*	1,680	16.0	0.6*
7. Melanoma and skin carcinomas	3,849	8.7	0.1	927	8.8	0.1
8. Carcinomas (excluding skin)	8,088	18.4	0.9*	2,490	23.7	2.5*
9. Miscellaneous specified neoplasms, NOS	515	1.2	2.4*	211	2.0	-1.8
10. Unspecified malignant neoplasms	142	0.3	-	41	0.4	-

  

Females	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	46,068	104.9	0.9*	13,071	125.5	1.4*
1. Leukemias	1,116	2.5	0.8*	317	3.0	0.8*
2. Lymphomas	3,125	7.1	0.6*	756	7.3	-1.7*
3. CNS, intracranial, intraspinal	1,258	2.9	0.5*	320	3.1	0.5*
4. Osseous & chondromatous neoplasms	248	0.6	-	55	0.5	-
5. Soft tissue sarcomas	1,185	2.7	0.2	301	2.9	0.2
6. Germ cell and trophoblastic neoplasms	411	0.9	0.1	104	1.0	0.1
7. Melanoma and skin carcinomas	5,969	13.6	2.0*	1,666	16.0	1.0*
8. Carcinomas (excluding skin)	31,739	72.3	0.8*	9,173	88.0	1.7*
9. Miscellaneous specified neoplasms, NOS	751	1.7	3.0*	314	3.0	5.1*
10. Unspecified malignant neoplasms	243	0.6	-	52	0.5	-

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

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

<sup>b</sup> 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).

<sup>c</sup> 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).