

Table 3.9

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 25-29

Both Sexes	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	50,538	57.2	0.5	13,778	64.4	-0.6
1. Leukemias	2,174	2.5	0.8*	594	2.8	0.8*
2. Lymphomas	7,312	8.3	0.2	1,743	8.1	-1.7*
3. CNS, intracranial, intraspinal	2,553	2.9	-0.1	640	3.0	-4.2
4. Osseous & chondromatous neoplasms	632	0.7	1.2*	189	0.9	1.2*
5. Soft tissue sarcomas	3,456	3.9	1.1	615	2.9	-0.6
6. Germ cell and trophoblastic neoplasms	6,427	7.3	0.9*	1,790	8.4	-0.9
7. Melanoma and skin carcinomas	6,713	7.6	0.3	1,663	7.8	-2.8*
8. Carcinomas (excluding skin)	20,233	22.9	0.7*	6,129	28.6	1.6*
9. Miscellaneous specified neoplasms, NOS	782	0.9	3.1*	345	1.6	1.9
10. Unspecified malignant neoplasms	235	0.3	-	57	0.3	-

  

Males	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	22,577	50.8	0.5	5,889	54.2	-1.2*
1. Leukemias	1,248	2.8	0.5*	331	3.0	0.5*
2. Lymphomas	4,173	9.4	0.5	998	9.2	0.1
3. CNS, intracranial, intraspinal	1,391	3.1	0.6*	356	3.3	0.6*
4. Osseous & chondromatous neoplasms	350	0.8	0.2	95	0.9	0.2
5. Soft tissue sarcomas	2,506	5.6	1.3	397	3.7	-0.7
6. Germ cell and trophoblastic neoplasms	5,932	13.3	1.1	1,662	15.3	-0.6
7. Melanoma and skin carcinomas	2,355	5.3	-1.3	534	4.9	-6.5
8. Carcinomas (excluding skin)	4,211	9.5	0.6	1,355	12.5	2.0*
9. Miscellaneous specified neoplasms, NOS	301	0.7	-	132	1.2	-
10. Unspecified malignant neoplasms	98	0.2	-	22	0.2	-

  

Females	1975-2018			2009-2018		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	27,961	63.8	0.7*	7,889	75.0	1.1*
1. Leukemias	926	2.1	1.2*	263	2.5	1.2*
2. Lymphomas	3,139	7.2	0.5	745	7.1	-0.6
3. CNS, intracranial, intraspinal	1,162	2.7	0.6*	284	2.7	0.6*
4. Osseous & chondromatous neoplasms	282	0.6	1.9*	94	0.9	1.9*
5. Soft tissue sarcomas	950	2.2	0.4	218	2.1	-1.3*
6. Germ cell and trophoblastic neoplasms	495	1.1	-0.1	128	1.2	-0.1
7. Melanoma and skin carcinomas	4,358	9.9	0.7*	1,129	10.7	-2.9*
8. Carcinomas (excluding skin)	16,022	36.5	0.8*	4,774	45.4	1.7*
9. Miscellaneous specified neoplasms, NOS	481	1.1	4.0*	213	2.0	4.0*
10. Unspecified malignant neoplasms	137	0.3	-	35	0.3	-

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).