

Table 32.9

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	1975-2012			2003-2012		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	41,747	55.6	0.7*	12,108	61.2	1.1*
1. Leukemias	1,773	2.4	0.6*	520	2.6	0.6*
2. Lymphomas	6,255	8.3	0.6	1,675	8.5	0.7
3. CNS, intracranial, intraspinal	2,150	2.9	0.8*	614	3.1	0.8*
4. Osseous & chondromatous neoplasms	516	0.7	1.3*	161	0.8	1.3*
5. Soft tissue sarcomas	3,100	4.1	1.6	589	3.0	0.7
6. Germ cell and trophoblastic neoplasms	5,315	7.1	1.4*	1,619	8.2	1.9*
7. Melanoma and skin carcinomas	5,732	7.6	0.8	1,770	9.0	-1.0
8. Carcinomas (excluding skin)	16,305	21.7	0.5*	4,976	25.2	1.5*
9. Miscellaneous specified neoplasms, NOS	402	0.5	2.0*	139	0.7	2.0*
10. Unspecified malignant neoplasms	199	0.3	-	45	0.2	-

  

Males	1975-2012			2003-2012		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	18,872	50.0	0.9*	5,300	53.2	1.4*
1. Leukemias	1,030	2.7	0.3	294	3.0	0.3
2. Lymphomas	3,561	9.4	0.7	908	9.1	1.1
3. CNS, intracranial, intraspinal	1,177	3.1	0.9*	350	3.5	0.9*
4. Osseous & chondromatous neoplasms	298	0.8	0.5	83	0.8	0.5
5. Soft tissue sarcomas	2,274	6.0	1.9	390	3.9	0.1
6. Germ cell and trophoblastic neoplasms	4,906	13.0	1.6*	1,517	15.2	1.8*
7. Melanoma and skin carcinomas	2,040	5.4	0.2	554	5.6	0.2
8. Carcinomas (excluding skin)	3,344	8.9	0.4	1,118	11.2	2.0*
9. Miscellaneous specified neoplasms, NOS	154	0.4	-	59	0.6	-
10. Unspecified malignant neoplasms	88	0.2	-	27	0.3	-

  

Females	1975-2012			2003-2012		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	22,875	61.2	0.6*	6,808	69.3	1.0*
1. Leukemias	743	2.0	1.0*	226	2.3	1.0*
2. Lymphomas	2,694	7.2	0.2	767	7.8	-0.2
3. CNS, intracranial, intraspinal	973	2.6	0.8*	264	2.7	0.8*
4. Osseous & chondromatous neoplasms	218	0.6	1.7*	78	0.8	1.7*
5. Soft tissue sarcomas	826	2.2	0.6	199	2.0	-1.4
6. Germ cell and trophoblastic neoplasms	409	1.1	-0.8	102	1.0	-0.8
7. Melanoma and skin carcinomas	3,692	9.9	1.5*	1,216	12.4	1.5*
8. Carcinomas (excluding skin)	12,961	34.7	0.4*	3,858	39.3	1.2*
9. Miscellaneous specified neoplasms, NOS	248	0.7	1.4*	80	0.8	1.4*
10. Unspecified malignant neoplasms	111	0.3	-	18	0.2	-

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 1975-2012.

- 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).