

Table 32.7

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	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	13,416	20.3	0.5*	4,254	21.7	0.5*
1. Leukemias	1,597	2.4	0.8*	538	2.7	0.8*
2. Lymphomas	3,355	5.1	0.0	978	5.0	0.0
3. CNS, intracranial, intraspinal	1,301	2.0	0.3	398	2.0	0.3
4. Osseous & chondromatous neoplasms	1,043	1.6	0.6	330	1.7	0.6
5. Soft tissue sarcomas	981	1.5	0.3	298	1.5	0.3
6. Germ cell and trophoblastic neoplasms	1,635	2.5	0.9*	542	2.8	0.9*
7. Melanoma and skin carcinomas	999	1.5	0.9*	336	1.7	0.9*
8. Carcinomas (excluding skin)	2,246	3.4	1.1*	765	3.9	1.1*
9. Miscellaneous specified neoplasms, NOS	204	0.3	-0.2	62	0.3	-0.2
10. Unspecified malignant neoplasms	55	0.1	-	-	-	-

Males	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	7,056	20.9	0.6*	2,279	22.6	0.6*
1. Leukemias	951	2.8	-1.7	308	3.1	-8.4
2. Lymphomas	1,796	5.3	0.2	541	5.4	0.2
3. CNS, intracranial, intraspinal	755	2.2	0.3	234	2.3	0.3
4. Osseous & chondromatous neoplasms	679	2.0	0.7	209	2.1	0.7
5. Soft tissue sarcomas	514	1.5	1.1	158	1.6	-4.3
6. Germ cell and trophoblastic neoplasms	1,191	3.5	1.2*	415	4.1	1.2*
7. Melanoma and skin carcinomas	398	1.2	1.2*	139	1.4	1.2*
8. Carcinomas (excluding skin)	656	1.9	1.5*	244	2.4	1.5*
9. Miscellaneous specified neoplasms, NOS	91	0.3	-	27	0.3	-
10. Unspecified malignant neoplasms	25	0.1	-	-	-	-

Females	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	6,360	19.7	0.4*	1,975	20.7	0.4*
1. Leukemias	646	2.0	1.4*	230	2.4	1.4*
2. Lymphomas	1,559	4.8	-0.1	437	4.6	-0.1
3. CNS, intracranial, intraspinal	546	1.7	0.1	164	1.7	0.1
4. Osseous & chondromatous neoplasms	364	1.1	0.4	121	1.3	0.4
5. Soft tissue sarcomas	467	1.4	0.5	140	1.5	0.5
6. Germ cell and trophoblastic neoplasms	444	1.4	0.1	127	1.3	0.1
7. Melanoma and skin carcinomas	601	1.9	0.6	197	2.1	0.6
8. Carcinomas (excluding skin)	1,590	4.9	0.9*	521	5.5	0.9*
9. Miscellaneous specified neoplasms, NOS	113	0.3	-	35	0.4	-
10. Unspecified malignant neoplasms	30	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 1975-2010.

- 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).