

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	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	13,904	20.4	0.6*	4,345	22.1	0.6*
1. Leukemias	1,657	2.4	0.8*	548	2.8	0.8*
2. Lymphomas	3,460	5.1	0.1	1,004	5.1	0.1
3. CNS, intracranial, intraspinal	1,339	2.0	0.2	397	2.0	0.2
4. Osseous & chondromatous neoplasms	1,082	1.6	0.6	336	1.7	0.6
5. Soft tissue sarcomas	1,021	1.5	0.4	310	1.6	0.4
6. Germ cell and trophoblastic neoplasms	1,691	2.5	0.9*	535	2.7	0.9*
7. Melanoma and skin carcinomas	1,031	1.5	0.9*	338	1.7	0.9*
8. Carcinomas (excluding skin)	2,356	3.5	1.7*	807	4.1	4.8*
9. Miscellaneous specified neoplasms, NOS	212	0.3	-0.1	66	0.3	-0.1
10. Unspecified malignant neoplasms	55	0.1	-	-	-	-

Males	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	7,309	21.0	0.6*	2,319	22.9	0.6*
1. Leukemias	986	2.8	0.4	320	3.2	0.4
2. Lymphomas	1,850	5.3	0.1	556	5.5	0.1
3. CNS, intracranial, intraspinal	776	2.2	0.2	229	2.3	0.2
4. Osseous & chondromatous neoplasms	706	2.0	0.8*	214	2.1	0.8*
5. Soft tissue sarcomas	538	1.5	0.3	163	1.6	0.3
6. Germ cell and trophoblastic neoplasms	1,237	3.6	1.2*	415	4.1	1.2*
7. Melanoma and skin carcinomas	410	1.2	1.1*	138	1.4	1.1*
8. Carcinomas (excluding skin)	685	2.0	1.5*	252	2.5	1.5*
9. Miscellaneous specified neoplasms, NOS	96	0.3	-	30	0.3	-
10. Unspecified malignant neoplasms	25	0.1	-	-	-	-

Females	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	6,595	19.8	0.5*	2,026	21.1	0.5*
1. Leukemias	671	2.0	1.4*	228	2.4	1.4*
2. Lymphomas	1,610	4.8	0.0	448	4.7	0.0
3. CNS, intracranial, intraspinal	563	1.7	0.1	168	1.8	0.1
4. Osseous & chondromatous neoplasms	376	1.1	0.3	122	1.3	0.3
5. Soft tissue sarcomas	483	1.5	0.4	147	1.5	0.4
6. Germ cell and trophoblastic neoplasms	454	1.4	0.0	120	1.3	0.0
7. Melanoma and skin carcinomas	621	1.9	0.6	200	2.1	0.6
8. Carcinomas (excluding skin)	1,671	5.0	1.7*	555	5.8	5.8*
9. Miscellaneous specified neoplasms, NOS	116	0.3	-	36	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 1975-2011.

- 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).