

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	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	14,393	20.6	0.6*	4,386	22.2	0.6*
1. Leukemias	1,708	2.4	0.7*	528	2.7	0.7*
2. Lymphomas	3,568	5.1	0.1	1,013	5.1	0.1
3. CNS, intracranial, intraspinal	1,390	2.0	0.3	407	2.1	0.3
4. Osseous & chondromatous neoplasms	1,115	1.6	0.6	327	1.7	0.6
5. Soft tissue sarcomas	1,049	1.5	0.3	314	1.6	0.3
6. Germ cell and trophoblastic neoplasms	1,743	2.5	0.9*	533	2.7	0.9*
7. Melanoma and skin carcinomas	1,066	1.5	0.8*	330	1.7	0.8*
8. Carcinomas (excluding skin)	2,479	3.5	1.9*	864	4.4	5.7*
9. Miscellaneous specified neoplasms, NOS	219	0.3	-0.0	65	0.3	-0.0
10. Unspecified malignant neoplasms	56	0.1	-	-	-	-

Males	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	7,546	21.1	0.6*	2,298	22.7	0.6*
1. Leukemias	1,018	2.8	0.4	305	3.0	0.4
2. Lymphomas	1,906	5.3	0.2	556	5.5	0.2
3. CNS, intracranial, intraspinal	800	2.2	0.2	223	2.2	0.2
4. Osseous & chondromatous neoplasms	732	2.0	0.8*	210	2.1	0.8*
5. Soft tissue sarcomas	554	1.5	0.3	163	1.6	0.3
6. Germ cell and trophoblastic neoplasms	1,280	3.6	1.2*	418	4.1	1.2*
7. Melanoma and skin carcinomas	423	1.2	1.0*	137	1.4	1.0*
8. Carcinomas (excluding skin)	709	2.0	1.4*	253	2.5	1.4*
9. Miscellaneous specified neoplasms, NOS	99	0.3	-	31	0.3	-
10. Unspecified malignant neoplasms	25	0.1	-	-	-	-

Females	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	6,847	20.0	0.6*	2,088	21.7	0.6*
1. Leukemias	690	2.0	1.3*	223	2.3	1.3*
2. Lymphomas	1,662	4.9	-0.0	457	4.7	-0.0
3. CNS, intracranial, intraspinal	590	1.7	0.4	184	1.9	0.4
4. Osseous & chondromatous neoplasms	383	1.1	0.2	117	1.2	0.2
5. Soft tissue sarcomas	495	1.4	0.3	151	1.6	0.3
6. Germ cell and trophoblastic neoplasms	463	1.4	-0.1	115	1.2	-0.1
7. Melanoma and skin carcinomas	643	1.9	0.6	193	2.0	0.6
8. Carcinomas (excluding skin)	1,770	5.2	2.0*	611	6.3	7.4*
9. Miscellaneous specified neoplasms, NOS	120	0.4	-	34	0.4	-
10. Unspecified malignant neoplasms	31	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 1975-2012.

- 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).