

Table 32.11

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 35-39

Both Sexes	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	97,311	133.3	0.7*	27,797	140.1	0.2
1. Leukemias	2,758	3.8	0.5	806	4.1	2.8
2. Lymphomas	8,144	11.2	1.4*	2,193	11.1	-1.3*
3. CNS, intracranial, intraspinal	2,896	4.0	-0.1	764	3.9	-0.1
4. Osseous & chondromatous neoplasms	490	0.7	1.4*	156	0.8	1.4*
5. Soft tissue sarcomas	6,101	8.4	0.9	972	4.9	-1.5
6. Germ cell and trophoblastic neoplasms	4,314	5.9	1.6*	1,259	6.3	0.3
7. Melanoma and skin carcinomas	10,549	14.4	1.5*	3,123	15.7	0.3
8. Carcinomas (excluding skin)	60,266	82.6	0.5	17,979	90.6	1.3*
9. Miscellaneous specified neoplasms, NOS	1,292	1.8	1.4*	425	2.1	1.4*
10. Unspecified malignant neoplasms	501	0.7	-0.2	120	0.6	-0.2

Males	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	36,413	100.1	0.5	9,538	96.3	0.0
1. Leukemias	1,600	4.4	0.2	459	4.6	0.2
2. Lymphomas	5,280	14.5	1.3*	1,315	13.3	-2.5*
3. CNS, intracranial, intraspinal	1,697	4.7	-0.1	456	4.6	-0.1
4. Osseous & chondromatous neoplasms	278	0.8	0.6	84	0.8	0.6
5. Soft tissue sarcomas	4,775	13.1	2.2	617	6.2	-2.1*
6. Germ cell and trophoblastic neoplasms	4,090	11.2	1.7*	1,194	12.1	0.3
7. Melanoma and skin carcinomas	4,576	12.6	0.6	1,238	12.5	-0.7*
8. Carcinomas (excluding skin)	13,396	36.8	0.3	3,968	40.1	1.2*
9. Miscellaneous specified neoplasms, NOS	520	1.4	1.0*	166	1.7	1.0*
10. Unspecified malignant neoplasms	201	0.6	-0.6	41	0.4	-0.6

Females	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	60,898	166.3	0.8*	18,259	183.7	1.1*
1. Leukemias	1,158	3.2	1.0	347	3.5	2.3*
2. Lymphomas	2,864	7.8	1.3*	878	8.8	1.3*
3. CNS, intracranial, intraspinal	1,199	3.3	-0.2	308	3.1	-0.2
4. Osseous & chondromatous neoplasms	212	0.6	-	72	0.7	-
5. Soft tissue sarcomas	1,326	3.6	-0.5	355	3.6	-0.5
6. Germ cell and trophoblastic neoplasms	224	0.6	0.3	65	0.7	0.3
7. Melanoma and skin carcinomas	5,973	16.3	1.5	1,885	19.0	-0.8
8. Carcinomas (excluding skin)	46,870	128.0	0.6*	14,011	141.0	1.3*
9. Miscellaneous specified neoplasms, NOS	772	2.1	1.6*	259	2.6	1.6*
10. Unspecified malignant neoplasms	300	0.8	-0.1	79	0.8	-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 1975-2013.

- 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).