

Table 32.10

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 30-34

Both Sexes	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	64,185	85.5	0.9*	18,125	92.4	1.2*
1. Leukemias	2,142	2.9	0.6*	616	3.1	0.6*
2. Lymphomas	7,011	9.3	1.5*	1,860	9.5	0.3
3. CNS, intracranial, intraspinal	2,532	3.4	0.4	691	3.5	0.4
4. Osseous & chondromatous neoplasms	477	0.6	0.6	134	0.7	0.6
5. Soft tissue sarcomas	5,119	6.8	1.2	742	3.8	-0.8
6. Germ cell and trophoblastic neoplasms	5,333	7.1	1.8*	1,591	8.1	0.5
7. Melanoma and skin carcinomas	8,178	10.9	1.6*	2,354	12.0	0.0
8. Carcinomas (excluding skin)	32,371	43.1	0.6*	9,805	50.0	2.0*
9. Miscellaneous specified neoplasms, NOS	699	0.9	1.9*	237	1.2	1.9*
10. Unspecified malignant neoplasms	322	0.4	1.1	94	0.5	1.1

Males	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	26,565	70.8	0.9*	6,853	69.6	0.9*
1. Leukemias	1,244	3.3	0.7*	355	3.6	0.7*
2. Lymphomas	4,338	11.6	0.7	1,058	10.7	-0.0
3. CNS, intracranial, intraspinal	1,478	3.9	0.3	402	4.1	0.3
4. Osseous & chondromatous neoplasms	265	0.7	0.5	69	0.7	0.5
5. Soft tissue sarcomas	4,117	11.0	1.3	462	4.7	-2.1
6. Germ cell and trophoblastic neoplasms	4,984	13.3	1.8*	1,495	15.2	0.5
7. Melanoma and skin carcinomas	3,266	8.7	0.1	877	8.9	0.1
8. Carcinomas (excluding skin)	6,489	17.3	0.7*	1,998	20.3	2.5*
9. Miscellaneous specified neoplasms, NOS	271	0.7	2.4*	105	1.1	2.4*
10. Unspecified malignant neoplasms	113	0.3	-	32	0.3	-

Females	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	37,620	100.3	0.8*	11,272	115.3	1.5*
1. Leukemias	898	2.4	0.3	261	2.7	0.3
2. Lymphomas	2,673	7.1	1.3*	802	8.2	1.3*
3. CNS, intracranial, intraspinal	1,054	2.8	0.4	289	3.0	0.4
4. Osseous & chondromatous neoplasms	212	0.6	-	65	0.7	-
5. Soft tissue sarcomas	1,002	2.7	0.3	280	2.9	0.3
6. Germ cell and trophoblastic neoplasms	349	0.9	0.3	96	1.0	0.3
7. Melanoma and skin carcinomas	4,912	13.1	2.1*	1,477	15.1	1.0*
8. Carcinomas (excluding skin)	25,882	69.0	0.7*	7,807	79.8	1.8*
9. Miscellaneous specified neoplasms, NOS	428	1.1	1.7*	132	1.3	1.7*
10. Unspecified malignant neoplasms	209	0.6	-	62	0.6	-

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).