

Table 32.8

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 20-24

Both Sexes	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	22,932	34.0	0.8*	7,218	37.6	0.8*
1. Leukemias	1,481	2.2	0.9*	465	2.4	0.9*
2. Lymphomas	4,838	7.2	0.9*	1,462	7.6	0.0
3. CNS, intracranial, intraspinal	1,517	2.2	0.7*	472	2.5	0.7*
4. Osseous & chondromatous neoplasms	614	0.9	1.4*	211	1.1	1.4*
5. Soft tissue sarcomas	1,425	2.1	1.1	387	2.0	-1.1*
6. Germ cell and trophoblastic neoplasms	3,577	5.3	0.9*	1,163	6.1	0.9*
7. Melanoma and skin carcinomas	2,888	4.3	1.2*	967	5.0	1.2*
8. Carcinomas (excluding skin)	6,226	9.2	0.3	1,978	10.3	1.4*
9. Miscellaneous specified neoplasms, NOS	229	0.3	1.4*	80	0.4	1.4*
10. Unspecified malignant neoplasms	137	0.2	0.0	33	0.2	0.0

Males	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	11,301	33.0	0.5*	3,449	35.1	0.5*
1. Leukemias	856	2.5	0.7*	261	2.7	0.7*
2. Lymphomas	2,597	7.6	0.4*	767	7.8	0.4*
3. CNS, intracranial, intraspinal	854	2.5	0.2	242	2.5	0.2
4. Osseous & chondromatous neoplasms	359	1.0	1.1	124	1.3	1.1
5. Soft tissue sarcomas	844	2.5	0.6	216	2.2	-2.6*
6. Germ cell and trophoblastic neoplasms	3,199	9.4	0.9*	1,049	10.7	0.9*
7. Melanoma and skin carcinomas	1,000	2.9	0.3	298	3.0	0.3
8. Carcinomas (excluding skin)	1,450	4.2	0.3	449	4.6	0.3
9. Miscellaneous specified neoplasms, NOS	90	0.3	-	31	0.3	-
10. Unspecified malignant neoplasms	52	0.2	-	-	-	-

Females	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	11,631	35.0	1.0*	3,769	40.2	1.0*
1. Leukemias	625	1.9	0.2	204	2.2	-0.1
2. Lymphomas	2,241	6.7	1.2*	695	7.4	-0.1
3. CNS, intracranial, intraspinal	663	2.0	1.5*	230	2.5	1.5*
4. Osseous & chondromatous neoplasms	255	0.8	1.7*	87	0.9	1.7*
5. Soft tissue sarcomas	581	1.7	0.9*	171	1.8	0.9*
6. Germ cell and trophoblastic neoplasms	378	1.1	0.2	114	1.2	0.2
7. Melanoma and skin carcinomas	1,888	5.7	1.7*	669	7.1	1.7*
8. Carcinomas (excluding skin)	4,776	14.4	0.5	1,529	16.3	1.5*
9. Miscellaneous specified neoplasms, NOS	139	0.4	1.4*	49	0.5	1.4*
10. Unspecified malignant neoplasms	85	0.3	-	21	0.2	-

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).