

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	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	60,192	84.8	0.9*	17,718	90.1	1.3*
1. Leukemias	2,001	2.8	0.5	610	3.1	0.5
2. Lymphomas	6,631	9.3	1.7*	1,850	9.4	1.3
3. CNS, intracranial, intraspinal	2,386	3.4	0.4	683	3.5	0.4
4. Osseous & chondromatous neoplasms	450	0.6	0.7	136	0.7	0.7
5. Soft tissue sarcomas	4,973	7.0	1.4	752	3.8	-0.6
6. Germ cell and trophoblastic neoplasms	4,996	7.0	1.8*	1,568	8.0	0.5
7. Melanoma and skin carcinomas	7,673	10.8	1.5*	2,352	12.0	-0.1
8. Carcinomas (excluding skin)	30,154	42.5	0.6*	9,451	48.0	2.0*
9. Miscellaneous specified neoplasms, NOS	631	0.9	1.6*	222	1.1	1.6*
10. Unspecified malignant neoplasms	296	0.4	1.1	93	0.5	1.1

Males	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	25,085	70.7	1.0*	6,733	68.1	1.0*
1. Leukemias	1,158	3.3	0.6*	347	3.5	0.6*
2. Lymphomas	4,132	11.6	1.9*	1,064	10.8	2.5
3. CNS, intracranial, intraspinal	1,390	3.9	0.3	391	4.0	0.3
4. Osseous & chondromatous neoplasms	246	0.7	0.4	70	0.7	0.4
5. Soft tissue sarcomas	4,023	11.3	1.4	475	4.8	-2.5
6. Germ cell and trophoblastic neoplasms	4,668	13.2	1.9*	1,471	14.9	0.5
7. Melanoma and skin carcinomas	3,090	8.7	0.1	891	9.0	0.1
8. Carcinomas (excluding skin)	6,023	17.0	0.7*	1,891	19.1	3.0*
9. Miscellaneous specified neoplasms, NOS	252	0.7	2.5*	101	1.0	2.5*
10. Unspecified malignant neoplasms	103	0.3	-	32	0.3	-

Females	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	35,107	99.0	0.7*	10,985	112.3	1.5*
1. Leukemias	843	2.4	0.3	263	2.7	0.3
2. Lymphomas	2,499	7.0	1.4*	786	8.0	1.4*
3. CNS, intracranial, intraspinal	996	2.8	0.5	292	3.0	0.5
4. Osseous & chondromatous neoplasms	204	0.6	-	66	0.7	-
5. Soft tissue sarcomas	950	2.7	0.4	277	2.8	0.4
6. Germ cell and trophoblastic neoplasms	328	0.9	0.3	97	1.0	0.3
7. Melanoma and skin carcinomas	4,583	12.9	2.2*	1,461	14.9	1.0*
8. Carcinomas (excluding skin)	24,131	68.1	0.6*	7,560	77.3	1.9*
9. Miscellaneous specified neoplasms, NOS	379	1.1	1.1	121	1.2	1.1
10. Unspecified malignant neoplasms	193	0.5	-	61	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 1975-2010.

- 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).