

Table 32.9

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 25-29

Both Sexes	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	39,117	55.1	0.7*	11,637	60.0	1.3*
1. Leukemias	1,662	2.3	0.1	506	2.6	1.3*
2. Lymphomas	5,900	8.3	0.7	1,637	8.4	0.9
3. CNS, intracranial, intraspinal	2,020	2.8	0.9*	608	3.1	0.9*
4. Osseous & chondromatous neoplasms	475	0.7	1.1*	143	0.7	1.1*
5. Soft tissue sarcomas	2,973	4.2	1.7	574	3.0	1.1
6. Germ cell and trophoblastic neoplasms	4,965	7.0	1.4*	1,526	7.9	2.2*
7. Melanoma and skin carcinomas	5,395	7.6	1.2*	1,759	9.1	1.2*
8. Carcinomas (excluding skin)	15,177	21.4	0.4*	4,713	24.3	1.4*
9. Miscellaneous specified neoplasms, NOS	359	0.5	1.6*	125	0.6	1.6*
10. Unspecified malignant neoplasms	191	0.3	-	46	0.2	-

Males	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	17,712	49.7	0.9*	5,078	52.1	1.6*
1. Leukemias	967	2.7	-0.1	281	2.9	1.3*
2. Lymphomas	3,363	9.4	0.9	887	9.1	1.9
3. CNS, intracranial, intraspinal	1,105	3.1	0.9*	333	3.4	0.9*
4. Osseous & chondromatous neoplasms	273	0.8	0.2	71	0.7	0.2
5. Soft tissue sarcomas	2,192	6.1	2.1	383	3.9	0.3
6. Germ cell and trophoblastic neoplasms	4,582	12.8	1.4*	1,438	14.7	0.7*
7. Melanoma and skin carcinomas	1,923	5.4	0.2	550	5.6	0.2
8. Carcinomas (excluding skin)	3,083	8.6	0.3	1,054	10.8	1.9*
9. Miscellaneous specified neoplasms, NOS	140	0.4	-	55	0.6	-
10. Unspecified malignant neoplasms	84	0.2	-	26	0.3	-

Females	1975-2010			2001-2010		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	21,405	60.5	0.6*	6,559	68.1	1.0*
1. Leukemias	695	2.0	1.0*	225	2.3	1.0*
2. Lymphomas	2,537	7.2	0.8*	750	7.8	0.8*
3. CNS, intracranial, intraspinal	915	2.6	0.8*	275	2.9	0.8*
4. Osseous & chondromatous neoplasms	202	0.6	1.8*	72	0.7	1.8*
5. Soft tissue sarcomas	781	2.2	0.7	191	2.0	-1.5
6. Germ cell and trophoblastic neoplasms	383	1.1	-1.2*	88	0.9	-1.2*
7. Melanoma and skin carcinomas	3,472	9.8	1.7*	1,209	12.6	1.7*
8. Carcinomas (excluding skin)	12,094	34.2	0.4	3,659	38.0	1.2*
9. Miscellaneous specified neoplasms, NOS	219	0.6	0.5	70	0.7	0.5
10. Unspecified malignant neoplasms	107	0.3	-	20	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).