

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	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	23,710	34.1	0.8*	7,330	37.9	0.8*
1. Leukemias	1,529	2.2	0.9*	467	2.4	0.9*
2. Lymphomas	4,985	7.2	0.8*	1,497	7.7	-0.1
3. CNS, intracranial, intraspinal	1,572	2.3	0.7*	482	2.5	0.7*
4. Osseous & chondromatous neoplasms	635	0.9	1.3*	208	1.1	1.3*
5. Soft tissue sarcomas	1,461	2.1	1.0	386	2.0	-1.1*
6. Germ cell and trophoblastic neoplasms	3,696	5.3	0.8*	1,160	6.0	0.8*
7. Melanoma and skin carcinomas	2,989	4.3	1.2*	975	5.0	1.2*
8. Carcinomas (excluding skin)	6,465	9.3	0.4	2,042	10.5	1.4*
9. Miscellaneous specified neoplasms, NOS	237	0.3	1.3*	81	0.4	1.3*
10. Unspecified malignant neoplasms	141	0.2	-0.2	32	0.2	-0.2

Males	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	11,655	33.1	0.5*	3,481	35.1	0.5*
1. Leukemias	882	2.5	0.6	260	2.6	0.6
2. Lymphomas	2,679	7.6	0.4*	791	8.0	0.4*
3. CNS, intracranial, intraspinal	884	2.5	0.2	244	2.5	0.2
4. Osseous & chondromatous neoplasms	369	1.0	0.9	120	1.2	0.9
5. Soft tissue sarcomas	864	2.5	0.5	218	2.2	-2.6*
6. Germ cell and trophoblastic neoplasms	3,303	9.4	0.8*	1,044	10.5	0.8*
7. Melanoma and skin carcinomas	1,025	2.9	0.2	294	3.0	0.2
8. Carcinomas (excluding skin)	1,504	4.3	0.4	466	4.7	0.4
9. Miscellaneous specified neoplasms, NOS	91	0.3	-	31	0.3	-
10. Unspecified malignant neoplasms	54	0.2	-	-	-	-

Females	1975-2011			2002-2011		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	12,055	35.2	1.0*	3,849	40.7	1.0*
1. Leukemias	647	1.9	0.2	207	2.2	-0.2
2. Lymphomas	2,306	6.7	1.1*	706	7.5	-0.2
3. CNS, intracranial, intraspinal	688	2.0	1.4*	238	2.5	1.4*
4. Osseous & chondromatous neoplasms	266	0.8	1.7*	88	0.9	1.7*
5. Soft tissue sarcomas	597	1.7	0.8*	168	1.8	0.8*
6. Germ cell and trophoblastic neoplasms	393	1.1	0.3	116	1.2	0.3
7. Melanoma and skin carcinomas	1,964	5.7	1.7*	681	7.2	1.7*
8. Carcinomas (excluding skin)	4,961	14.5	0.5	1,576	16.7	1.5*
9. Miscellaneous specified neoplasms, NOS	146	0.4	1.4*	50	0.5	1.4*
10. Unspecified malignant neoplasms	87	0.3	-	19	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 1975-2011.

- 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).