

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	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	24,504	34.3	0.8*	7,440	38.1	0.8*
1. Leukemias	1,583	2.2	0.9*	480	2.5	0.9*
2. Lymphomas	5,123	7.2	0.8*	1,483	7.6	-0.1
3. CNS, intracranial, intraspinal	1,624	2.3	0.7*	487	2.5	0.7*
4. Osseous & chondromatous neoplasms	653	0.9	1.2*	210	1.1	1.2*
5. Soft tissue sarcomas	1,498	2.1	0.9	374	1.9	-1.2*
6. Germ cell and trophoblastic neoplasms	3,809	5.3	0.8*	1,167	6.0	0.8*
7. Melanoma and skin carcinomas	3,081	4.3	1.1*	974	5.0	1.1*
8. Carcinomas (excluding skin)	6,733	9.4	0.4	2,145	11.0	1.5*
9. Miscellaneous specified neoplasms, NOS	250	0.3	1.4*	83	0.4	1.4*
10. Unspecified malignant neoplasms	150	0.2	0.1	37	0.2	0.1

Males	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	12,042	33.2	0.5*	3,549	35.5	0.5*
1. Leukemias	910	2.5	0.6	262	2.6	0.6
2. Lymphomas	2,754	7.6	0.4*	794	7.9	0.4*
3. CNS, intracranial, intraspinal	905	2.5	0.1	235	2.3	0.1
4. Osseous & chondromatous neoplasms	380	1.0	0.8	121	1.2	0.8
5. Soft tissue sarcomas	890	2.5	0.5	218	2.2	-2.4*
6. Germ cell and trophoblastic neoplasms	3,407	9.4	0.8*	1,055	10.5	0.8*
7. Melanoma and skin carcinomas	1,056	2.9	0.2	301	3.0	0.2
8. Carcinomas (excluding skin)	1,588	4.4	1.1	520	5.2	5.5*
9. Miscellaneous specified neoplasms, NOS	95	0.3	-	29	0.3	-
10. Unspecified malignant neoplasms	57	0.2	-	-	-	-

Females	1975-2012			2003-2012		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	12,462	35.4	1.0*	3,891	40.9	1.0*
1. Leukemias	673	1.9	0.3	218	2.3	0.1
2. Lymphomas	2,369	6.7	1.1*	689	7.2	-0.3
3. CNS, intracranial, intraspinal	719	2.0	1.5*	252	2.6	1.5*
4. Osseous & chondromatous neoplasms	273	0.8	1.6*	89	0.9	1.6*
5. Soft tissue sarcomas	608	1.7	-0.7	156	1.6	-5.6
6. Germ cell and trophoblastic neoplasms	402	1.1	0.2	112	1.2	0.2
7. Melanoma and skin carcinomas	2,025	5.7	1.6*	673	7.1	1.6*
8. Carcinomas (excluding skin)	5,145	14.6	0.5	1,625	17.1	1.5*
9. Miscellaneous specified neoplasms, NOS	155	0.4	1.7*	54	0.6	1.7*
10. Unspecified malignant neoplasms	93	0.3	-	23	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 1975-2012.

- 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).