

Table 3.8

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	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	29,594	35.2	0.7*	8,010	39.1	-0.1
1. Leukemias	1,902	2.3	0.7*	498	2.4	0.7*
2. Lymphomas	6,018	7.2	0.6*	1,464	7.1	-0.2
3. CNS, intracranial, intraspinal	1,907	2.3	0.0	459	2.2	-3.0*
4. Osseous & chondromatous neoplasms	775	0.9	0.9*	211	1.0	0.9*
5. Soft tissue sarcomas	1,745	2.1	0.7	402	2.0	-1.0*
6. Germ cell and trophoblastic neoplasms	4,616	5.5	0.8*	1,272	6.2	0.8*
7. Melanoma and skin carcinomas	3,569	4.2	0.1	849	4.1	-3.6*
8. Carcinomas (excluding skin)	8,393	10.0	0.8*	2,600	12.7	1.8*
9. Miscellaneous specified neoplasms, NOS	480	0.6	4.2*	213	1.0	4.2*
10. Unspecified malignant neoplasms	174	0.2	-	31	0.2	-

Males	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	14,562	34.1	0.6*	3,902	37.1	0.6*
1. Leukemias	1,099	2.6	0.6*	281	2.7	0.6*
2. Lymphomas	3,247	7.6	0.2	805	7.7	0.2
3. CNS, intracranial, intraspinal	1,071	2.5	0.0	254	2.4	0.0
4. Osseous & chondromatous neoplasms	457	1.1	0.7	124	1.2	0.7
5. Soft tissue sarcomas	1,036	2.4	0.7	236	2.2	-1.5*
6. Germ cell and trophoblastic neoplasms	4,138	9.7	0.8*	1,149	10.9	0.8*
7. Melanoma and skin carcinomas	1,212	2.8	-0.6	262	2.5	-3.2*
8. Carcinomas (excluding skin)	2,032	4.8	1.3*	680	6.5	4.1*
9. Miscellaneous specified neoplasms, NOS	199	0.5	-	92	0.9	-
10. Unspecified malignant neoplasms	66	0.2	-	16	0.2	-

Females	1975-2018			2009-2018		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	15,032	36.4	0.5*	4,108	41.2	-0.4
1. Leukemias	803	1.9	0.0	217	2.2	-0.3
2. Lymphomas	2,771	6.7	0.8*	659	6.6	-0.4
3. CNS, intracranial, intraspinal	836	2.0	0.3	205	2.1	-4.7
4. Osseous & chondromatous neoplasms	318	0.8	1.0*	87	0.9	1.0*
5. Soft tissue sarcomas	709	1.7	0.3	166	1.7	0.3
6. Germ cell and trophoblastic neoplasms	478	1.2	0.3	123	1.2	0.3
7. Melanoma and skin carcinomas	2,357	5.7	0.5	587	5.9	-3.7*
8. Carcinomas (excluding skin)	6,361	15.4	0.7*	1,920	19.3	1.6*
9. Miscellaneous specified neoplasms, NOS	281	0.7	2.7	121	1.2	4.4
10. Unspecified malignant neoplasms	108	0.3	-	-	-	-

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 1975-2018.

- 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).