

Table 32.11

Age-Adjusted SEER Incidence<sup>a</sup>, by Year and Sex  
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults<sup>b</sup>  
All Races, Ages 35-39

Both Sexes	1975-2010			2001-2010		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	89,095	132.5	0.8*	27,960	137.0	0.9*
1. Leukemias	2,497	3.7	0.1	761	3.7	0.1
2. Lymphomas	7,542	11.2	1.7*	2,328	11.4	-1.3*
3. CNS, intracranial, intraspinal	2,663	4.0	-0.1	780	3.8	-0.1
4. Osseous & chondromatous neoplasms	444	0.7	1.7*	162	0.8	1.7*
5. Soft tissue sarcomas	5,845	8.7	1.2	1,059	5.2	-0.9
6. Germ cell and trophoblastic neoplasms	3,944	5.9	1.7*	1,315	6.4	0.3
7. Melanoma and skin carcinomas	9,691	14.4	1.6*	3,151	15.4	0.4*
8. Carcinomas (excluding skin)	54,873	81.6	0.5	17,874	87.6	1.5*
9. Miscellaneous specified neoplasms, NOS	1,134	1.7	1.0*	392	1.9	1.0*
10. Unspecified malignant neoplasms	462	0.7	-0.1	138	0.7	-0.1

  

Males	1975-2010			2001-2010		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	33,698	100.6	0.6	9,846	96.5	0.3
1. Leukemias	1,452	4.3	0.0	437	4.3	0.0
2. Lymphomas	4,931	14.7	2.0*	1,415	13.9	-0.4
3. CNS, intracranial, intraspinal	1,559	4.7	-0.1	448	4.4	-0.1
4. Osseous & chondromatous neoplasms	256	0.8	1.0	91	0.9	1.0
5. Soft tissue sarcomas	4,627	13.8	2.8	709	6.9	-1.1
6. Germ cell and trophoblastic neoplasms	3,743	11.2	1.9*	1,251	12.3	0.3
7. Melanoma and skin carcinomas	4,238	12.6	0.7	1,261	12.4	-0.6*
8. Carcinomas (excluding skin)	12,249	36.6	0.3	4,031	39.5	1.6*
9. Miscellaneous specified neoplasms, NOS	455	1.4	0.5	153	1.5	0.5
10. Unspecified malignant neoplasms	188	0.6	-0.7	50	0.5	-0.7

  

Females	1975-2010			2001-2010		
	No.	Rate	AAPC <sup>c</sup>	No.	Rate	AAPC <sup>c</sup>
All Sites Combined	55,397	164.2	0.7*	18,114	177.5	1.2*
1. Leukemias	1,045	3.1	0.9	324	3.2	2.4*
2. Lymphomas	2,611	7.7	1.5*	913	8.9	1.5*
3. CNS, intracranial, intraspinal	1,104	3.3	-0.3	332	3.3	-0.3
4. Osseous & chondromatous neoplasms	188	0.6	-	71	0.7	-
5. Soft tissue sarcomas	1,218	3.6	-0.6	350	3.4	-0.6
6. Germ cell and trophoblastic neoplasms	201	0.6	-0.2	64	0.6	-0.2
7. Melanoma and skin carcinomas	5,453	16.2	2.2*	1,890	18.5	2.1*
8. Carcinomas (excluding skin)	42,624	126.3	0.6	13,843	135.7	1.4*
9. Miscellaneous specified neoplasms, NOS	679	2.0	1.4*	239	2.3	1.4*
10. Unspecified malignant neoplasms	274	0.8	0.0	88	0.9	0.0

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>a</sup> Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

<sup>b</sup> 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).

<sup>c</sup> 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).