

Table X-1

KAPOSI SARCOMANUMBER OF CASES

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, All Ages

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	134	79	329	887	1577	2133	2235	2054	1799	835	391	395	321
SEER 9 except SF-Oakland	102	44	88	259	428	776	843	975	875	461	244	261	220
San Francisco- Oakland SMSA ^c	32	35	241	628	1149	1357	1392	1079	924	374	147	134	101
San Francisco City/County	15	21	201	540	957	1078	1088	792	688	252	86	79	66

AGE-ADJUSTED CANCER INCIDENCE RATES^a

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, All Ages

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	0.4	0.5	1.7	4.2	7.1	9.2	9.3	8.1	6.9	3.2	1.5	1.5	1.2
SEER 9 except SF-Oakland	0.4	0.4	0.6	1.5	2.3	4.0	4.2	4.6	4.0	2.1	1.1	1.2	1.0
San Francisco- Oakland SMSA ^c	0.7	1.3	7.0	17.2	30.1	34.0	34.0	25.6	21.9	8.9	3.5	3.0	2.4
San Francisco City/County	1.1	3.1	25.1	65.3	111.5	124.7	125.5	89.1	77.2	28.1	9.5	8.5	7.3

^a Rates are per 100,000 males and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).^b The SEER 9 areas are San Francisco-Oakland SMSA, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.^c The San Francisco-Oakland SMSA represents 15% of all persons in the SEER areas. For this age group, all SEER areas may not be generalizable to the United States for Kaposi Sarcoma.

- Statistic not shown. Rate based on less than 4 cases for the time interval.

Table X-2

KAPOSI SARCOMANUMBER OF CASES

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, Ages 20-54

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	13	26	255	806	1483	1995	2105	1919	1673	750	318	340	252
SEER 9 except SF-Oakland	11	5	36	207	378	695	773	909	809	408	197	221	180
San Francisco- Oakland SMSA ^c	<4	21	219	599	1105	1300	1332	1010	864	342	121	119	72
San Francisco City/County	<4	18	193	520	926	1042	1050	748	647	235	76	73	49

AGE-ADJUSTED CANCER INCIDENCE RATES^a

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, Ages 20-54

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	0.1	0.3	2.4	7.4	13.1	16.9	17.1	14.9	12.6	5.5	2.3	2.5	1.8
SEER 9 except SF-Oakland	0.1	0.1	0.4	2.2	3.9	6.9	7.4	8.4	7.2	3.6	1.7	1.9	1.6
San Francisco- Oakland SMSA ^c	-	1.3	12.1	32.3	57.5	64.4	64.0	46.7	40.0	15.8	5.4	5.2	3.2
San Francisco City/County	-	5.3	47.8	125.1	214.5	239.2	240.1	165.3	142.2	51.3	16.1	15.4	10.1

^a Rates are per 100,000 males aged 20-54 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco-Oakland SMSA, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

^c The San Francisco-Oakland SMSA represents 15% of all persons in the SEER areas. For this age group, all SEER areas may not be generalizable to the United States for Kaposi Sarcoma.

- Statistic not shown. Rate based on less than 4 cases for the time interval.

Table X-3

KAPOSI SARCOMANUMBER OF CASES

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, Ages 55+

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	121	53	73	80	93	135	130	134	126	85	73	54	69
SEER 9 except SF-Oakland	91	39	51	52	50	81	70	65	66	53	47	39	40
San Francisco- Oakland SMSA ^c	30	14	22	28	43	54	60	69	60	32	26	15	29
San Francisco City/County	14	<4	8	20	31	35	38	44	41	17	10	6	17

AGE-ADJUSTED CANCER INCIDENCE RATES^a

By SEER Location and Year of Diagnosis, 1975-2003

All Races, Males, Ages 55+

SEER Location	Year of Diagnosis												
	1975- 1979	1980- 1981	1982- 1983	1984- 1985	1986- 1987	1988- 1989	1990- 1991	1992- 1993	1994- 1995	1996- 1997	1998- 1999	2000- 2001	2002- 2003
SEER 9 ^b	1.9	1.9	2.4	2.4	2.6	3.6	3.6	3.3	3.0	2.1	1.7	1.3	1.4
SEER 9 except SF-Oakland	1.7	1.7	2.0	2.0	1.8	2.7	2.5	2.0	1.9	1.6	1.3	1.1	1.0
San Francisco- Oakland SMSA ^c	2.9	3.1	4.6	4.7	6.4	8.1	9.6	10.4	8.8	4.8	3.7	2.1	3.7
San Francisco City/County	4.7	-	5.6	12.9	20.5	23.5	26.4	30.5	29.0	11.5	6.7	3.7	10.3

^a Rates are per 100,000 males aged 55+ and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).^b The SEER 9 areas are San Francisco-Oakland SMSA, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.^c The San Francisco-Oakland SMSA represents 15% of all persons in the SEER areas. For this age group, all SEER areas may not be generalizable to the United States for Kaposi Sarcoma.

- Statistic not shown. Rate based on less than 4 cases for the time interval.

Table X-4
KAPOSI SARCOMAAGE ADJUSTED SEER INCIDENCE^a RATES BY YEAR, RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DIAGNOSIS:									
1975	0.2	0.6	-	0.2	0.6	-	-	-	-
1976	0.2	0.5	-	0.2	0.5	-	-	-	-
1977	0.3	0.5	-	0.3	0.6	-	-	-	-
1978	0.2	0.3	0.2	0.2	0.3	-	-	-	-
1979	0.2	0.3	-	0.2	0.3	-	-	-	-
1980	0.3	0.6	-	0.3	0.6	-	-	-	-
1981	0.3	0.5	-	0.3	0.6	-	-	-	-
1982	0.7	1.2	0.2	0.7	1.3	0.2	-	-	-
1983	1.1	2.2	-	1.2	2.4	-	-	-	-
1984	1.8	3.6	-	2.0	3.9	-	1.3	2.9	-
1985	2.5	4.9	0.2	2.8	5.5	0.2	1.1	2.2	-
1986	3.3	6.6	-	3.7	7.4	-	1.6	3.6	-
1987	3.8	7.6	-	4.3	8.5	-	2.1	4.3	-
1988	4.4	8.9	0.1	4.8	9.6	0.1	3.3	7.2	-
1989	4.8	9.5	0.1	5.1	10.2	-	4.6	9.7	-
1990	4.6	9.2	0.2	5.0	10.0	0.2	3.7	7.6	-
1991	4.7	9.4	0.2	5.0	10.0	0.2	4.6	9.5	-
1992	4.4	8.7	0.2	4.6	9.0	0.2	4.9	10.4	-
1993	3.9	7.6	0.2	4.0	8.0	0.1	4.4	8.6	-
1994	3.8	7.5	0.2	3.9	7.6	0.1	4.1	8.4	-
1995	3.3	6.5	0.2	3.3	6.4	0.2	4.9	10.2	-
1996	2.2	4.4	0.2	2.0	4.0	-	4.6	9.0	-
1997	1.1	2.1	0.1	0.9	1.8	-	2.6	5.0	-
1998	0.8	1.6	-	0.7	1.3	-	1.8	3.8	-
1999	0.8	1.5	0.1	0.7	1.2	-	1.9	3.6	-
2000	0.8	1.5	-	0.6	1.2	-	2.0	4.1	-
2001	0.8	1.5	0.2	0.7	1.2	0.2	1.9	3.7	-
2002	0.7	1.2	0.1	0.5	0.9	-	1.5	3.0	-
2003	0.6	1.2	-	0.6	1.0	-	1.4	2.9	-
1975-2003	2.0	4.0	0.1	2.1	4.1	0.1	2.3	4.8	0.3

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table X-5
KAPOSI SARCOMA

SEER INCIDENCE^a RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE AND SEX

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE</u>									
<u>AGE AT DIAGNOSIS</u>									
<u>AGE-ADJUSTED RATES, 2000-2003</u>									
All ages	0.7	1.3	0.1	0.6	1.1	0.1	1.3	2.7	0.1
Under 65	0.6	1.2	0.0	0.5	1.0	0.0	1.4	2.9	0.1
65 and over	1.2	2.1	0.6	1.2	2.1	0.7	-	-	-
All ages(IARC world std) ^b	0.5	1.0	0.1	0.4	0.8	0.1	1.1	2.2	0.1
<u>AGE-SPECIFIC RATES, 2000-2003</u>									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-
20-24	0.1	0.2	-	-	-	-	-	-	-
25-29	0.6	1.1	-	0.4	0.7	-	2.1	4.1	-
30-34	1.2	2.2	-	0.9	1.6	-	3.2	6.6	-
35-39	1.7	3.3	-	1.5	2.8	-	3.7	7.5	-
40-44	1.4	2.8	-	1.2	2.5	-	3.1	6.3	-
45-49	1.0	1.9	-	0.9	1.7	-	1.7	3.4	-
50-54	0.7	1.3	-	0.6	1.1	-	1.6	3.1	-
55-59	0.5	1.0	-	0.5	0.9	-	-	-	-
60-64	0.4	0.8	-	0.3	0.7	-	-	-	-
65-69	0.6	1.0	-	0.6	1.0	-	-	-	-
70-74	1.0	1.7	0.4	1.0	1.8	-	-	-	-
75-79	1.0	1.8	0.5	1.1	1.9	0.6	-	-	-
80-84	1.9	3.0	1.2	2.0	3.1	1.2	-	-	-
85+	2.7	5.0	1.7	2.6	4.6	1.8	-	-	-

^a SEER 17 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

^b Rates are per 100,000 and are age-adjusted to the IARC world standard population.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table X-6
KAPOSI SARCOMA (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	-	-	-	-	-	-
1970-1973 ^a	-	-	-	-	-	-	-	-	-
1975-1977 ^b	82.7 ^f	81.3 ^f	82.8 ^g	81.5 ^f	79.2 ^f	80.9 ^g	-	-	-
1978-1980 ^b	76.4 ^f	76.9 ^f	72.6 ^g	75.9 ^f	75.7 ^f	72.3 ^g	-	-	-
1981-1983 ^b	33.7	31.1	74.2 ^g	32.3	29.8	72.5 ^g	44.4 ^g	41.5 ^g	-
1984-1986 ^b	12.1	10.9	77.4 ^g	12.0	10.7	75.4 ^g	16.3	15.2	-
1987-1989 ^b	9.6	9.0	63.9 ^g	9.3	8.8	68.7 ^g	11.9	10.8	-
1990-1992 ^b	8.8	8.3	48.4 ^f	8.6	8.0	50.3 ^f	11.8	10.9	-
1993-1995 ^b	20.8	20.2	49.7 ^f	21.6	21.0	58.6 ^g	15.9	15.2	32.5 ^g
1996-2002 ^b	52.9 ^e	52.3 ^e	60.6 ^f	58.9 ^e	57.7 ^e	79.8 ^g	39.2	39.6	35.4 ^g
<u>5-YR PERIOD SURVIVAL RATES^{cd}</u>									
YEAR OF DIAGNOSIS:									
1996-2002	56.6	55.6	69.9	61.3	59.9	79.7	42.8	42.9	-
<u>5-YR RELATIVE SURVIVAL RATES, 1996-2002^c</u>									
AGE AT DIAGNOSIS:									
<45	50.5	50.6	46.1 ^f	54.0	53.7	73.5 ^g	40.9	41.8	22.6 ^g
45-54	51.4	52.1	30.4 ^g	53.0	53.4	-	43.8 ^f	45.1 ^f	-
55-64	73.1	73.3	-	73.3	73.5	-	63.6 ^g	64.0 ^g	-
65-74	77.3 ^f	73.4 ^f	74.9 ^g	79.2 ^f	76.3 ^f	87.1 ^f	-	-	-
75+	90.2 ^f	93.1 ^f	80.9 ^g	90.1 ^f	93.2 ^g	82.2 ^g	93.6 ^g	-	-
Under 65	51.9	52.1	45.5 ^f	55.0	54.8	64.4 ^f	42.2	43.1	24.4 ^f
65 and over	85.7 ^f	84.6 ^f	82.8 ^f	86.3 ^f	86.0 ^f	83.5 ^f	72.0 ^g	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
- ^c Rates are based on follow-up of patients into 2003.
- ^c Rates are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2002. The remaining 13 SEER Areas contribute cases for the entire period 1996-2002. Rates are based on follow-up of patients into 2003.
- ^d Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (2000-2002: 0-1 year survival), (1999-2001: 1-2 year survival), (1998-2000: 2-3 year survival), (1997-1999: 3-4 year survival), (1996-1998: 4-5 years survival).
- ^e The difference in rates between 1975-1977 and 1996-2002 is statistically significant (p<.05).
- ^f The standard error of the survival rate is between 5 and 10 percentage points.
- ^g The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated due to fewer than 16 cases during the time period.

Table X-7
KAPOSI SARCOMA (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Males and Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Relative Survival Rates (SEER ^b)																				
1-year	95.0	66.7	51.5	55.6	64.1	62.7	62.3	61.7	62.9	62.8	59.3	55.3	62.2	69.2	72.2	73.1	76.0	73.3	79.4	78.0
2-year	89.5	44.2	27.0	31.6	38.7	33.8	34.6	33.4	30.6	28.1	30.4	26.9	46.5	59.7	62.9	63.8	65.1	65.9	71.7	
3-year	88.7	34.8	20.9	19.1	22.5	18.8	19.3	19.7	15.5	16.0	19.5	20.1	42.2	53.5	59.3	59.5	61.0	58.8		
4-year	84.2	30.0	15.6	13.3	15.0	12.5	12.9	14.3	10.9	10.5	15.3	17.6	37.8	50.4	55.2	56.8	56.1			
5-year	84.2	25.9	12.5	10.3	10.8	9.1	9.0	9.6	8.5	8.4	13.6	16.5	34.4	47.3	53.1	55.9				
6-year	79.6	21.7	11.0	8.7	9.4	7.7	6.7	7.3	7.6	7.7	13.1	15.3	33.9	44.6	50.9					
7-year	78.0	20.4	9.6	6.5	7.9	6.6	6.1	6.8	7.1	7.0	12.3	14.2	32.2	43.6						
8-year	78.0	17.3	7.9	5.8	6.5	5.7	5.4	6.1	6.7	6.7	11.7	13.9	30.7							
9-year	78.0	15.6	7.3	4.5	5.2	5.4	5.0	5.8	6.2	6.6	11.3	13.1								
10-year	78.0	13.5	6.7	4.2	4.4	5.1	4.9	5.6	6.0	6.3	11.1									
11-year	77.9	11.8	5.9	3.6	4.0	5.0	4.6	5.4	5.8	6.3										
12-year	77.9	11.4	5.1	3.4	3.9	4.9	4.5	5.4	5.7											
13-year	77.9	10.4	4.5	3.2	3.5	4.4	4.2	5.2												
14-year	77.9	10.3	4.1	2.9	3.4	4.2	3.9													
15-year	77.9	9.6	3.9	2.9	3.4	4.0														
16-year	77.9	9.1	3.9	2.8	3.0															
17-year	77.9	8.5	3.8	2.8																
18-year	77.9	7.3	3.8																	
19-year	77.9	7.3																		
20-year	77.9																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table X-8
 KAPOSI SARCOMA (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Males

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Relative Survival Rates (SEER ^b)																				
1-year	95.1	65.0	50.4	54.9	63.9	62.5	62.2	61.4	62.5	62.6	59.0	54.7	61.3	68.9	72.3	72.2	76.1	72.8	78.5	76.4
2-year	89.4	41.5	25.2	31.0	38.0	33.2	34.4	33.1	29.9	27.7	29.5	26.3	45.2	59.0	62.6	62.0	64.8	64.6	72.0	
3-year	87.7	32.4	19.0	18.5	21.6	18.0	19.0	19.1	14.7	15.6	18.9	19.5	41.2	53.1	58.6	57.7	60.8	58.0		
4-year	84.2	27.6	13.8	12.6	14.1	11.8	12.5	13.8	10.0	10.1	14.6	17.1	36.9	49.9	54.4	54.7	55.2			
5-year	84.2	23.7	10.5	9.5	10.0	8.5	8.7	9.2	7.6	8.0	12.9	16.0	34.0	47.0	53.1	53.5				
6-year	76.7	19.7	8.9	8.0	8.5	7.1	6.5	6.9	6.7	7.5	12.4	14.9	33.5	44.4	50.7					
7-year	75.9	18.1	7.7	6.1	7.0	6.0	5.8	6.3	6.2	6.7	11.8	13.8	31.6	43.3						
8-year	75.9	15.6	6.1	5.3	6.0	5.2	5.2	5.8	5.8	6.5	11.2	13.5	30.1							
9-year	75.9	14.1	5.7	4.1	4.8	4.9	4.7	5.5	5.2	6.4	10.9	12.8								
10-year	75.9	12.2	5.3	3.8	4.3	4.7	4.6	5.4	5.0	6.0	10.6									
11-year	72.0	10.6	4.7	3.4	4.0	4.6	4.5	5.2	4.9	6.0										
12-year	72.0	10.2	4.3	3.1	3.9	4.6	4.3	5.2	4.7											
13-year	72.0	9.4	3.9	2.9	3.5	4.1	4.1	5.1												
14-year	72.0	9.2	3.9	2.6	3.4	4.0	3.8													
15-year	72.0	8.4	3.8	2.6	3.4	3.9														
16-year	72.0	8.2	3.8	2.5	3.0															
17-year	72.0	7.9	3.8	2.5																
18-year	72.0	7.0	3.8																	
19-year	72.0	7.0																		
20-year	72.0																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table X-9
KAPOSI SARCOMA (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Relative Survival Rates (SEER ^b)																				
1-year	93.5	91.9	85.1	100.0	79.3	80.8	66.9	77.6	89.9	74.7	70.9	82.3	88.0	79.5	70.6	86.8	73.7	79.3	87.0	90.7
2-year	89.7	86.7	85.1	77.7	79.3	80.8	54.2	50.4	78.9	53.5	70.9	56.5	86.1	79.5	65.0	86.8	67.2	79.3	68.1	
3-year	89.7	76.8	85.1	69.8	79.3	78.6	40.7	50.4	74.4	43.2	50.7	48.3	73.8	66.9	65.0	86.8	62.6	69.2		
4-year	83.8	73.7	84.9	69.8	79.3	75.5	40.7	43.4	74.4	31.9	50.7	43.6	68.5	66.9	64.5	86.8	62.6			
5-year	81.7	68.4	84.9	69.8	79.3	69.0	37.4	40.1	73.4	31.9	50.7	43.6	49.4	57.6	50.0	86.8				
6-year	81.7	64.3	84.9	69.8	79.3	69.0	29.5	34.6	73.4	26.9	50.7	40.5	49.4	51.4	50.0					
7-year	81.7	64.3	84.9	46.3	79.3	65.0	29.5	34.6	73.4	26.9	44.4	35.2	49.4	51.4						
8-year	81.7	58.1	84.9	46.3	66.0	57.3	29.5	33.3	73.4	22.0	44.4	35.2	49.4							
9-year	81.7	55.9	84.9	46.3	53.2	57.3	29.5	33.3	73.4	22.0	40.4	30.7								
11-year	81.7	50.6	84.9	46.3	19.1	52.4	29.5	27.0	73.4	22.0	40.4									
10-year	81.7	48.4	82.1	41.7	0.0	52.4	25.6	19.7	73.4	22.0										
12-year	81.7	48.4	61.9	41.7	0.0	44.2	25.6	19.7	73.4											
13-year	81.7	48.4	50.2	41.7	0.0	44.2	14.3	19.7												
14-year	81.7	48.4	19.2	41.7	0.0	34.2	14.3													
15-year	81.7	48.4	19.2	41.7	0.0	17.5														
16-year	81.7	48.4	19.2	41.7	0.0															
17-year	81.7	39.6	0.0	41.7																
18-year	81.7	22.6	0.0																	
19-year	81.7	22.6																		
20-year	81.7																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table X-10
KAPOSI SARCOMA

Percent Diagnosed With Cancer In 10, 20 and 30 Years and In Remaining Lifetime,
 Given Cancer Free At Current Age By Race and Sex

Lifetime Risk (Percent) of Being Diagnosed (17 SEER Areas) With Cancer

2001-2003

Race/ Ethnicity	Current Age	Males				Females			
		+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
All Races	0	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.02
	10	0.00	0.01	0.03	0.10	0.00	0.00	0.00	0.02
	20	0.01	0.03	0.05	0.10	0.00	0.00	0.00	0.02
	30	0.02	0.05	0.06	0.09	0.00	0.00	0.00	0.02
	40	0.02	0.03	0.04	0.07	0.00	0.00	0.00	0.01
	50	0.01	0.02	0.03	0.05	0.00	0.00	0.01	0.01
	60	0.01	0.02	0.03	0.04	0.00	0.01	0.01	0.01
White	0	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.01
	10	0.00	0.00	0.02	0.09	0.00	0.00	0.00	0.01
	20	0.00	0.02	0.04	0.09	0.00	0.00	0.00	0.01
	30	0.02	0.04	0.05	0.08	0.00	0.00	0.00	0.01
	40	0.02	0.03	0.04	0.06	0.00	0.00	0.00	0.01
	50	0.01	0.02	0.03	0.04	0.00	0.00	0.01	0.01
	60	0.01	0.02	0.03	0.04	0.00	0.01	0.01	0.02
Black	0	0.00	0.00	0.03	0.16	0.00	0.00	0.00	0.01
	10	0.00	0.03	0.09	0.17	0.00	0.00	0.00	0.01
	20	0.03	0.08	0.12	0.17	0.00	0.00	0.01	0.01
	30	0.06	0.10	0.12	0.15	0.00	0.00	0.01	0.01
	40	0.04	0.07	0.07	0.09	0.00	0.00	0.00	0.01
	50	0.02	0.03	0.04	0.05	0.00	0.00	0.00	0.01
	60	0.01	0.01	0.03	0.03	0.00	0.00	0.00	0.00
Asian/ Pacific Islander	0	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.01	0.06	0.00	0.00	0.00	0.00
	20	0.00	0.01	0.02	0.06	0.00	0.00	0.00	0.00
	30	0.01	0.01	0.02	0.06	0.00	0.00	0.00	0.00
	40	0.01	0.01	0.02	0.05	0.00	0.00	0.00	0.00
	50	0.00	0.01	0.02	0.05	0.00	0.00	0.00	0.00
	60	0.01	0.01	0.03	0.04	0.00	0.00	0.00	0.00
Hispanic ^a	0	0.00	0.00	0.01	0.14	0.00	0.00	0.00	0.04
	10	0.00	0.01	0.03	0.15	0.00	0.00	0.00	0.04
	20	0.01	0.03	0.06	0.15	0.00	0.00	0.00	0.04
	30	0.03	0.06	0.07	0.14	0.00	0.00	0.00	0.04
	40	0.03	0.05	0.06	0.11	0.00	0.00	0.00	0.04
	50	0.02	0.04	0.06	0.09	0.00	0.00	0.01	0.04
	60	0.02	0.05	0.07	0.08	0.00	0.01	0.04	0.04

Race/Ethnicity	Lifetime Risk of Developing	
	Males	Females
All Races	0.10%	0.01%
White	0.08%	0.01%
Black	0.16%	0.02%
Asian/Pacific Islander	0.06%	0.00%
Hispanic ^a	0.14%	0.01%

Devcan Version 6.1.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

^a Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Underlying incidence data for Hispanics are based on NHIA and exclude cases from Hawaii, Seattle, Alaska Native Registry and Kentucky.

Table X-11
KAPOSI SARCOMA

SEER INCIDENCE
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

RACE/ETHNICITY	Rate 2000-2003 ^b Rate per 100,000 persons			Trend 1994-2003 ^c APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.7	1.3	0.1	-20.7*	-21.1*	-7.3*
White	0.6	1.1	0.1	-22.7*	-23.2*	-6.5*
White Hispanic ^d	1.0	1.7	0.2	-19.2*	-20.3*	-
White Non-Hispanic ^d	0.6	1.1	0.1	-23.8*	-24.3*	-9.1*
Black	1.3	2.7	0.1	-14.3*	-14.3*	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	1.0	1.7	0.2	-18.6*	-19.5*	-

- The APC is the Annual Percent Change over the time interval.
 - Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from Hawaii, Seattle, Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- * The APC is significantly different from zero (p<.05).

Table X-12
KAPOSI SARCOMA CANCER (Invasive)
AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Sex

	All Races		Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b		
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	0.7	1.3	0.1	1.1	0.1	2.7	0.1	0.4	-	1.7	0.2
13 SEER Areas ^c	0.8	1.6	0.1	1.4	0.1	3.5	0.2	0.4	-	2.0	0.2
11 SEER Areas ^c	0.8	1.6	0.1	1.4	0.1	3.5	0.2	0.4	-	2.0	0.2
9 SEER Areas ^c	0.7	1.4	0.1	1.1	0.1	3.4	-	0.4	-	1.6	-
San Francisco-Oakland	1.4	2.7	0.2	3.0	-	4.5	-	-	-	2.3	-
Connecticut	0.5	0.8	0.2	0.7	0.2	-	-	-	-	-	-
Metropolitan Detroit	0.5	1.1	-	0.8	-	2.0	-	-	-	-	-
Hawaii	0.5	0.8	-	-	-	-	-	-	-	-	-
Iowa	0.2	0.3	-	-	-	-	-	-	-	-	-
New Mexico	0.4	0.8	-	0.8	-	-	-	-	-	-	-
Seattle-Puget Sound	0.5	1.0	-	0.9	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Metropolitan Atlanta	1.5	3.0	-	1.8	-	4.9	-	-	-	-	-
San Jose-Monterey	0.4	0.7	-	0.7	-	-	-	-	-	-	-
Los Angeles	1.2	2.4	0.1	2.3	0.1	3.9	-	-	-	2.4	-
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	0.5	1.0	0.1	0.9	0.1	1.8	-	-	-	1.6	-
Kentucky	0.2	0.5	-	0.5	-	-	-	-	-	-	-
Louisiana	0.6	1.0	0.2	0.8	0.2	1.4	-	-	-	-	-
New Jersey	0.6	1.2	0.1	0.9	0.1	2.5	-	-	-	1.1	-

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

^b Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table X-13
KAPOSI SARCOMA (Invasive)

Estimated United States Cancer Prevalence Counts^a on January 1, 2003
 By Race/Ethnicity, Sex and Years Since Diagnosis

Years Since Diagnosis	0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	0 to <13 ^e	0 to <28 ^e	>=28 ^g	Complete ^h
<u>Race/Sex</u>									
All Races ^b	6,714	8,906	2,953	977	328	17,674	20,047	+	+
Males	6,074	8,513	2,733	924	254	16,443	18,586	+	+
Females	640	393	220	53	74	1,231	1,461	+	+
White ^b	4,656	7,180	2,448	824	269	13,535	15,524	+	+
Males	4,144	6,929	2,262	771	206	12,609	14,400	+	+
Females	512	251	186	53	63	926	1,124	+	+
Black ^b	1,569	1,261	278	76	25	3,030	3,209	+	+
Males	1,476	1,153	254	76	25	2,805	2,984	+	+
Females	93	108	24	0	0	225	225	+	+
Asian/Pacific Islander ^c	96	90	+	+	+	201	+	+	+
Males	93	90	+	+	+	198	+	+	+
Females	3	0	+	+	+	3	+	+	+
Hispanic ^d	1,160	1,246	+	+	+	2,734	+	+	+
Males	1,063	1,227	+	+	+	2,585	+	+	+
Females	97	19	+	+	+	149	+	+	+

Estimated prevalence percent^a on January 1, 2003, of the SEER 11 population diagnosed in the previous 10 years
 By Age at Prevalence, Race/Ethnicity and Sex

Age at Prevalence	Age Specific (Crude)										Age-Adjusted ^f
	All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	All Ages
<u>Race/Sex</u>											
All Races ^c	0.0062%	-	-	0.0009%	0.0091%	0.0168%	0.0092%	0.0046%	0.0055%	0.0117%	0.0062%
Males	0.0119%	-	-	0.0018%	0.0176%	0.0333%	0.0185%	0.0090%	0.0103%	0.0196%	0.0121%
Females	0.0007%	-	-	-	0.0004%	0.0005%	0.0004%	0.0007%	0.0019%	0.0075%	0.0006%
White ^c	0.0062%	-	-	0.0006%	0.0087%	0.0169%	0.0092%	0.0048%	0.0059%	0.0120%	0.0062%
Males	0.0118%	-	-	0.0012%	0.0164%	0.0330%	0.0182%	0.0092%	0.0109%	0.0202%	0.0118%
Females	0.0007%	-	-	-	0.0005%	0.0003%	0.0003%	0.0007%	0.0022%	0.0075%	0.0006%
Black ^c	0.0083%	-	-	0.0033%	0.0163%	0.0233%	0.0123%	0.0041%	-	0.0108%	0.0087%
Males	0.0165%	-	-	0.0066%	0.0342%	0.0479%	0.0257%	0.0084%	-	-	0.0175%
Females	0.0009%	-	-	-	-	0.0017%	-	-	-	0.0124%	0.0010%
Asian/Pacific Islander ^c	0.0015%	-	-	-	0.0012%	0.0043%	0.0026%	0.0019%	-	0.0044%	0.0015%
Males	0.0031%	-	-	-	0.0026%	0.0090%	0.0055%	0.0035%	-	0.0109%	0.0032%
Females	-	-	-	-	-	-	-	-	-	-	-
Hispanic ^d	0.0062%	-	-	0.0010%	0.0126%	0.0195%	0.0095%	0.0055%	0.0121%	0.0268%	0.0082%
Males	0.0115%	-	-	0.0018%	0.0231%	0.0381%	0.0194%	0.0107%	0.0236%	0.0388%	0.0154%
Females	0.0006%	-	-	-	-	-	-	-	-	0.0200%	0.0012%

^a US 2003 cancer prevalence counts are based on 2003 cancer prevalence proportions from the SEER registries and 1/1/2003 US population estimates based on the average of 2002 and 2003 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.

^{b c d} Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and Rural Georgia excluding Hawaii and Seattle.

^e Maximum limited-duration prevalence: 28 years for 1975-2003 SEER 9 data; 13 years for 1990-2003 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).

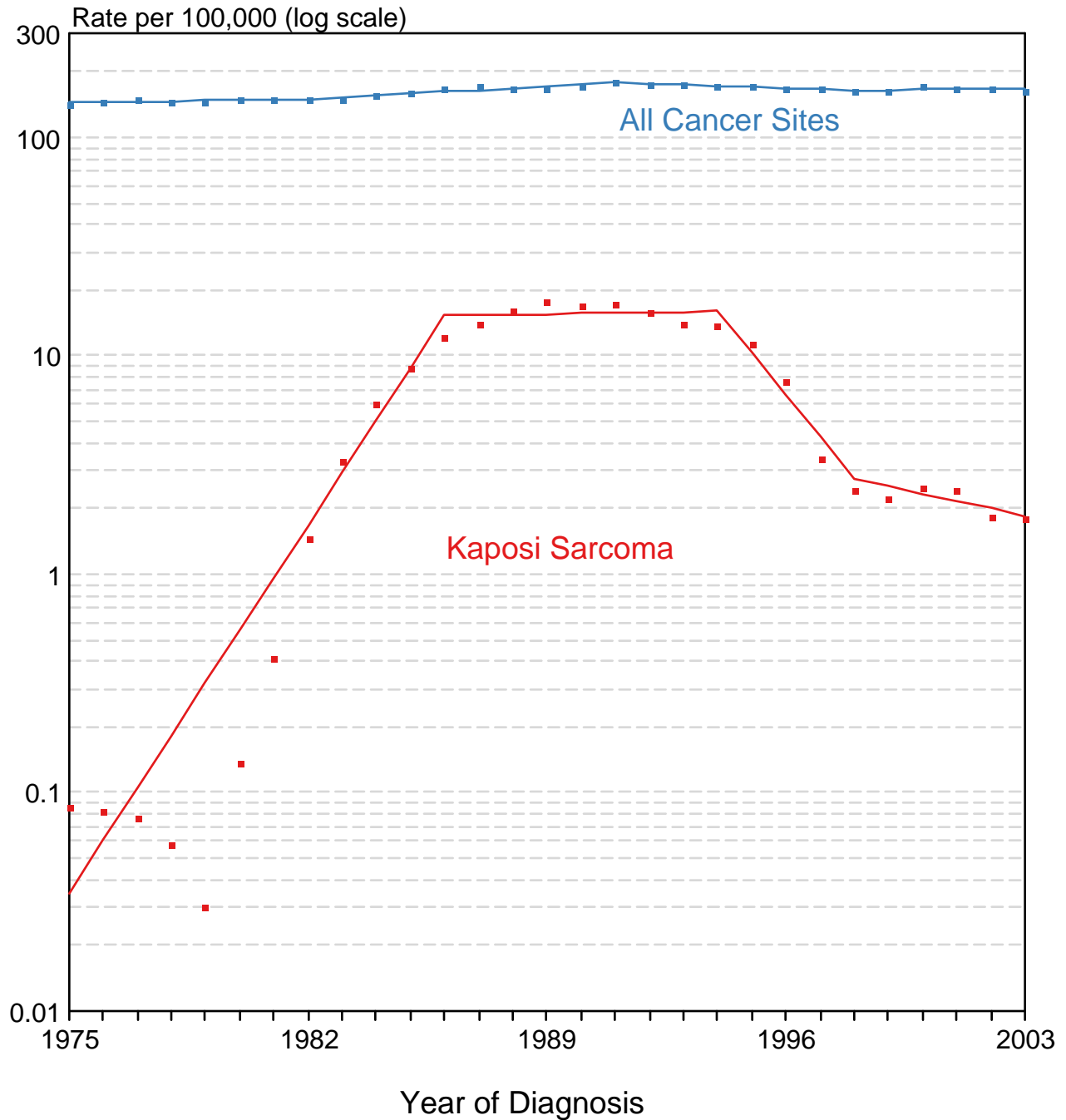
^f Percentages are age-adjusted to the 2000 US standard population by 5-year age groups.

^{g h i} (g) Cases diagnosed more than 28 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <28 and >=28. (i) Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry.

- Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.

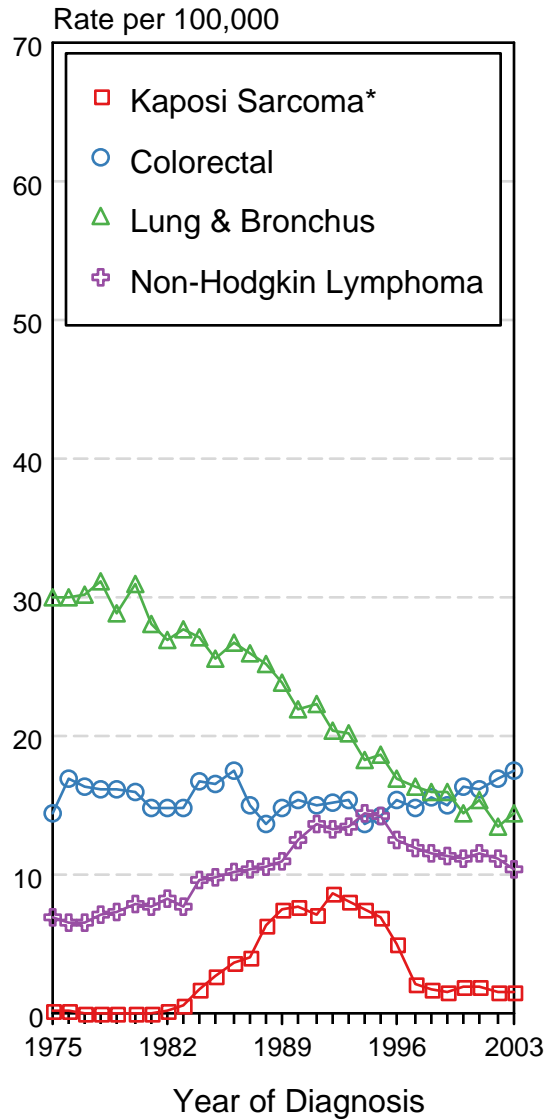
+ Not available.

All Cancer Sites vs Kaposi Sarcoma SEER Incidence Rates, 1975-2003 Males, Ages 20-54

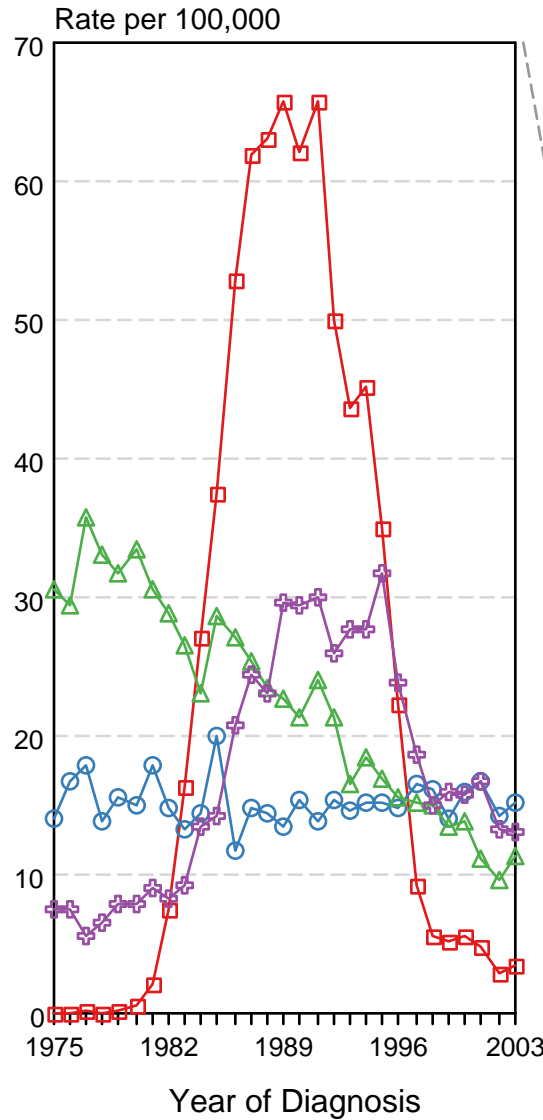


Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

All SEER excluding San Francisco/Oakland Males, Ages 20-54 1975-2003



San Francisco/Oakland Males, Ages 20-54 1975-2003



San Francisco County/City Males, Ages 20-54 1975-2003

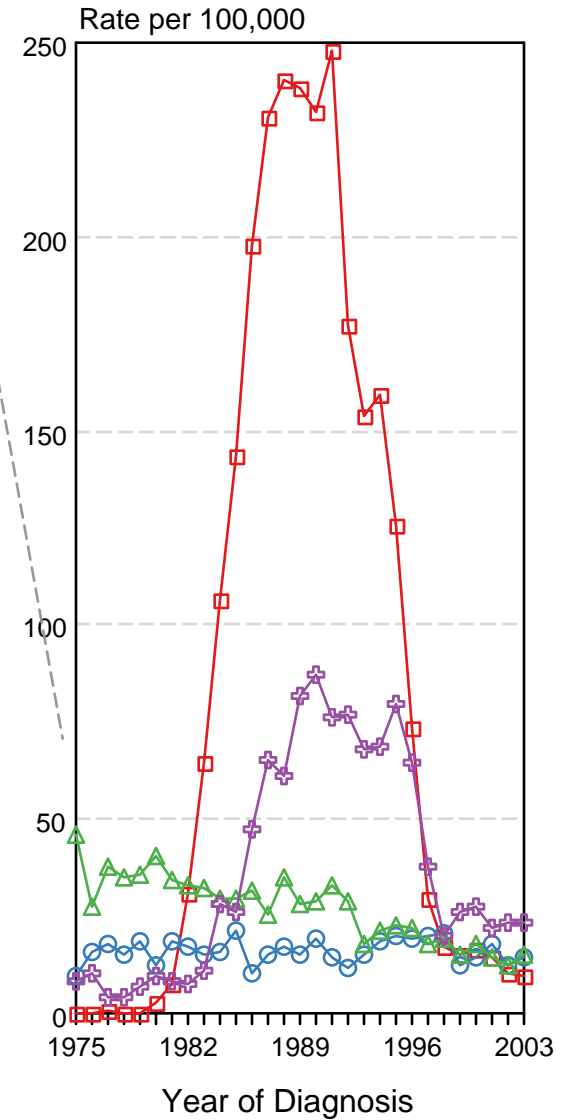


Figure X-2

Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 * Kaposi Sarcoma excluded from Colorectal, Lung & Bronchus, and Non-Hodgkin Lymphoma.