

Using NAACCR Delay Factors for Reporting Delay-Adjusted SEER Cancer Incidence Rates

A new unified approach for estimating delay-adjustment factors across all NAACCR registries has been implemented for regular reporting starting with the November 2014 SEER submission for the data released in April 2015, and used for this edition of the Cancer Statistics Review. This new approach estimates delay factors for each registry, and then combines the factors from the selected registries to derive delay-adjusted rates. Previously a SEER based approach estimated delay-adjustment factors for the composite SEER 9 and SEER 13 registry groups only. For details of the new approach, see the [reporting delay website](#).

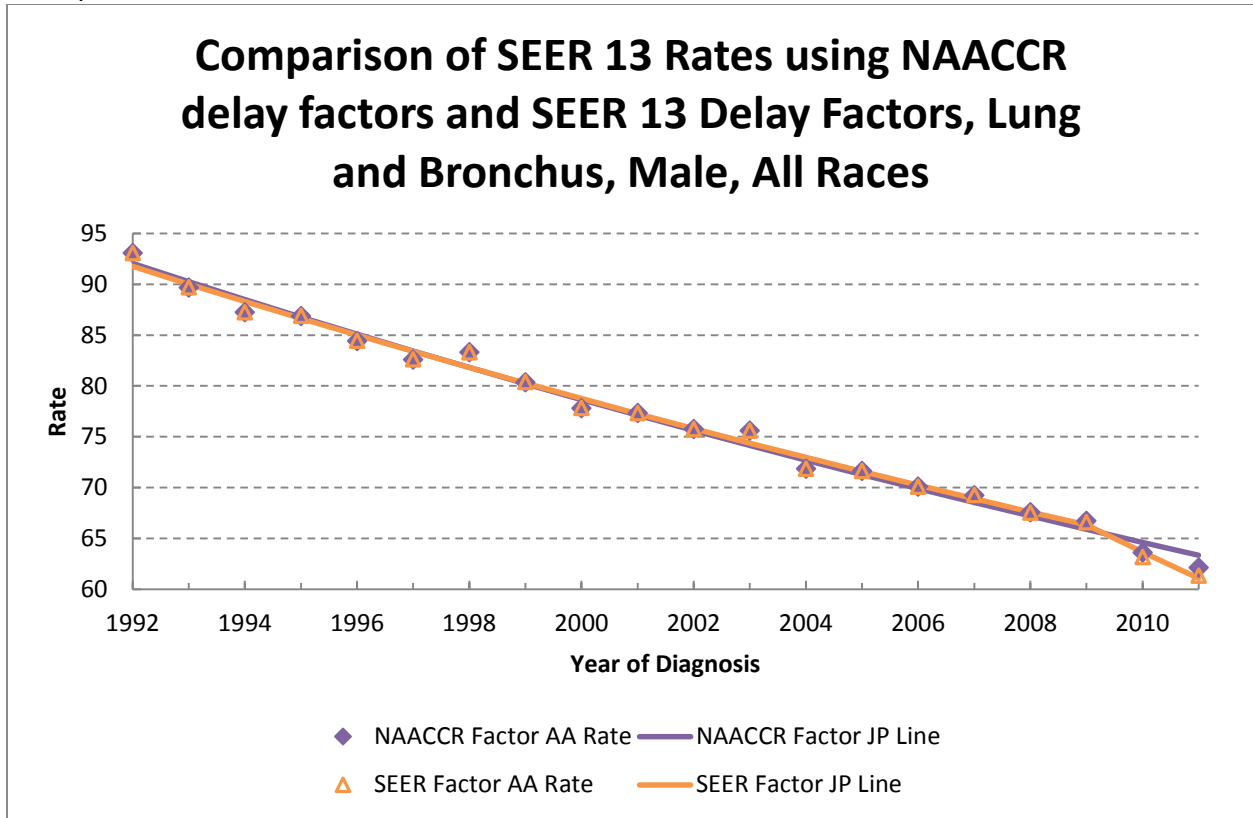
Delay-adjusted incidence trends in each of the cancer chapters are fit using delay-adjusted incidence rates derived using this new NAACCR based methodology. To illustrate how the new delay-adjustment factors might affect trends, the following tables present a comparison of delay-adjusted [Joinpoint](#) trends using the November 2013 SEER submission (with data through diagnosis year 2011). The tables include trends derived using the original SEER-based delay-adjustment method and trends derived using the new NAACCR-based delay-adjustment method. For the SEER 9 registries, up to 6 segments were allowed. For the SEER 13 registries, up to 4 segments were allowed. In either case, change points were constrained to be at least 2 years away from both the beginning and the end of the data series and at least 2 years apart.

Overall, the Joinpoint trends do not show much discrepancy between using NAACCR factors and SEER delay factors, but there are differences in the results that can be attributed to one or more of the following:

- A different Joinpoint model was selected as the best fit for the data series.
- The Joinpoints occur at different locations in the data series
- The APC or AAPC estimates vary in level and/or change with respect to statistical significance.

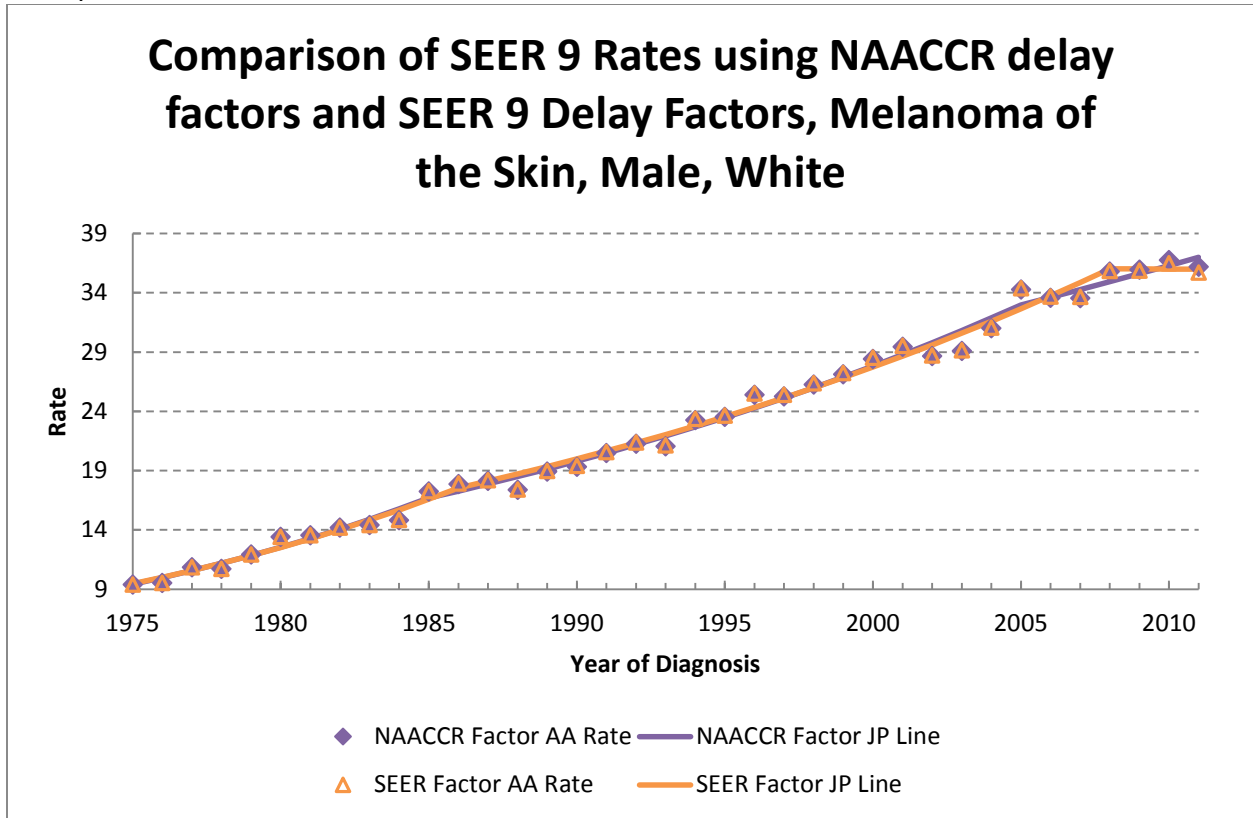
A closer examination of the differences indicates that in most cases the underlying SEER-based and NAACCR-based delay-adjusted rates do not differ much; however, a small change in the underlying rates can be enough to cause Joinpoint to select a different location for a Joinpoint, or find a new Joinpoint segment. Two examples presented below demonstrate situations where small differences in the delay-adjusted rates produced different Joinpoint trends.

Example 1.



Example 1 displays a comparison of the SEER 13, all races male data series for lung and bronchus cancer that can be found on table 35.18. Using the SEER-based factors, the trend is declining at 1.9% per year from 1992-2009, and then declining at 4% per year from 2009-2011. Using the NAACCR-based factors, the rates are declining at 1.9% per year for the entire period from 1992-2011. An examination of the above graph shows that the two sets of delay-adjusted points differ only slightly, but the slightly larger NAACCR delay-adjustment factors allowed Joinpoint to model 1992-2011 as a consistent trend over the entire time period.

Example 2.



Example 2 displays a comparison of the SEER 9, White male data series for melanoma of the skin that can be found on table 35.19. Using the SEER-based factors, a leveling off in the incidence trends was found from 2008-2011, but no such leveling off was seen using the NAACCR-based factors. Similar to Example 1, this example illustrates that the delay-adjusted rates vary only slightly between the two delay-adjustment methods. The delay factors from the NAACCR-based method produced slightly larger delay-adjusted rates which prevented Joinpoint from detecting a flat trend among the more recent diagnosis years.

Table 35.1
All Cancer Sites (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-89	1.2*	1989-92	2.8	1992-95	-2.4	1995-98	1.2	1998-11	-0.4*			-0.4*	-0.4*
New (NAACCR) ^c	1975-89	1.2*	1989-92	2.8	1992-95	-2.4	1995-98	1.1	1998-11	-0.3*			-0.3*	-0.3*
<u>White</u>														
Old (SEER) ^c	1975-82	0.9*	1982-92	1.8*	1992-95	-2.0	1995-99	1.1	1999-11	-0.4*			-0.4*	-0.4*
New (NAACCR) ^c	1975-82	0.9*	1982-92	1.8*	1992-95	-2.2	1995-98	1.5	1998-11	-0.3*			-0.3*	-0.3*
<u>Black</u>														
Old (SEER) ^c	1975-84	1.6*	1984-89	0.4	1989-92	4.7*	1992-95	-1.7	1995-09	-0.5*	2009-11	-2.1	-0.8*	-1.3
New (NAACCR) ^c	1975-84	1.6*	1984-89	0.4	1989-92	4.7*	1992-95	-1.6	1995-11	-0.5*			-0.5*	-0.5*
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-89	1.3*	1989-92	5.2*	1992-95	-4.9*	1995-00	0.6	2000-11	-0.9*			-0.9*	-0.9*
New (NAACCR) ^c	1975-89	1.3*	1989-92	5.2*	1992-95	-4.8*	1995-00	0.5	2000-11	-0.8*			-0.8*	-0.8*
<u>White</u>														
Old (SEER) ^c	1975-89	1.4*	1989-92	5.0*	1992-95	-5.0*	1995-01	0.6	2001-11	-0.9*			-0.9*	-0.9*
New (NAACCR) ^c	1975-89	1.4*	1989-92	5.0*	1992-95	-5.2*	1995-00	0.8	2000-11	-0.7*			-0.7*	-0.7*
<u>Black</u>														
Old (SEER) ^c	1975-81	2.8*	1981-89	0.7	1989-92	6.7*	1992-05	-1.6*	2005-08	0.4	2008-11	-3.6*	-1.6*	-2.6*
New (NAACCR) ^c	1975-81	2.8*	1981-89	0.6	1989-92	7.5*	1992-96	-2.6*	1996-09	-1.0*	2009-11	-3.3	-1.5*	-2.2*
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.5	1998-03	-0.6	2003-11	0.1	0.0	0.1
New (NAACCR) ^c	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.5	1998-03	-0.6	2003-11	0.2	0.1	0.2
<u>White</u>														
Old (SEER) ^c	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.7	1998-04	-0.4	2004-11	0.2	0.0	0.2
New (NAACCR) ^c	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.7	1998-04	-0.4	2004-11	0.2	0.1	0.2
<u>Black</u>														
Old (SEER) ^c	1975-91	1.1*	1991-11	0.1									0.1	0.1
New (NAACCR) ^c	1975-90	1.2*	1990-11	0.1*									0.1*	0.1*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.2
All Cancer Sites (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-94	-3.1	1994-99	0.3	1999-11	-0.5*			-0.5*	-0.5*
New (NAACCR) ^c	1992-94	-3.2*	1994-98	0.4	1998-11	-0.4*			-0.4*	-0.4*
White										
Old (SEER) ^c	1992-94	-3.3*	1994-99	0.6	1999-11	-0.4*			-0.4*	-0.4*
New (NAACCR) ^c	1992-94	-3.2*	1994-99	0.5	1999-11	-0.3*			-0.3*	-0.3*
Black										
Old (SEER) ^c	1992-11	-0.7*							-0.7*	-0.7*
New (NAACCR) ^c	1992-11	-0.6*							-0.6*	-0.6*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-94	-5.9*	1994-07	-0.5*	2007-11	-1.8*			-1.1*	-1.8*
New (NAACCR) ^c	1992-94	-5.9*	1994-07	-0.4*	2007-11	-1.4*			-0.9*	-1.4*
White										
Old (SEER) ^c	1992-94	-6.2*	1994-07	-0.3*	2007-11	-1.8*			-1.0*	-1.8*
New (NAACCR) ^c	1992-94	-6.3*	1994-07	-0.3*	2007-11	-1.4*			-0.8*	-1.4*
Black										
Old (SEER) ^c	1992-11	-1.4*							-1.4*	-1.4*
New (NAACCR) ^c	1992-11	-1.4*							-1.4*	-1.4*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-98	0.8*	1998-03	-0.7	2003-11	0.0			-0.1	0.0
New (NAACCR) ^c	1992-98	0.8*	1998-03	-0.7	2003-11	0.1			0.0	0.1
White										
Old (SEER) ^c	1992-94	-0.3	1994-98	1.5*	1998-03	-0.7	2003-11	0.1	0.0	0.1
New (NAACCR) ^c	1992-94	-0.3	1994-98	1.5*	1998-03	-0.7	2003-11	0.1	0.0	0.1
Black										
Old (SEER) ^c	1992-11	0.1							0.1	0.1
New (NAACCR) ^c	1992-11	0.1*							0.1*	0.1*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.3
Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-81	0.7	1981-03	-1.1*	2003-11	0.8*							0.6	0.8*
New (NAACCR) ^c	1975-81	0.7	1981-03	-1.1*	2003-11	0.8*							0.6	0.8*
White														
Old (SEER) ^c	1975-03	-0.9*	2003-11	1.1*									0.9*	1.1*
New (NAACCR) ^c	1975-03	-0.9*	2003-11	1.2*									1.0*	1.2*
Black														
Old (SEER) ^c	1975-84	2.4*	1984-11	-2.5*									-2.5*	-2.5*
New (NAACCR) ^c	1975-84	2.4*	1984-11	-2.5*									-2.5*	-2.5*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-83	-0.2	1983-03	-1.4*	2003-11	0.9*							0.7	0.9*
New (NAACCR) ^c	1975-83	-0.2	1983-03	-1.4*	2003-11	1.0*							0.7*	1.0*
White														
Old (SEER) ^c	1975-01	-1.2*	2001-11	0.8*									0.8*	0.8*
New (NAACCR) ^c	1975-01	-1.2*	2001-11	1.0*									1.0*	1.0*
Black														
Old (SEER) ^c	1975-87	1.8*	1987-11	-3.1*									-3.1*	-3.1*
New (NAACCR) ^c	1975-87	1.8*	1987-11	-3.1*									-3.1*	-3.1*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-79	3.1	1979-11	-0.7*									-0.7*	-0.7*
New (NAACCR) ^c	1975-79	3.1	1979-11	-0.8*									-0.8*	-0.8*
White														
Old (SEER) ^c	1975-80	2.2	1980-11	-0.7*									-0.7*	-0.7*
New (NAACCR) ^c	1975-81	2.1*	1981-04	-0.9*	2004-11	0.7							0.3	0.7
Black														
Old (SEER) ^c	1975-11	-1.4*											-1.4*	-1.4*
New (NAACCR) ^c	1975-11	-1.4*											-1.4*	-1.4*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.4
Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-03	-1.3*	2003-11	0.6*					0.4	0.6*
New (NAACCR) ^c	1992-04	-1.2*	2004-11	0.9*					0.4	0.9*
White										
Old (SEER) ^c	1992-03	-1.1*	2003-11	1.1*					0.9*	1.1*
New (NAACCR) ^c	1992-05	-0.9*	2005-11	1.9*					0.9*	1.9*
Black										
Old (SEER) ^c	1992-11	-2.5*							-2.5*	-2.5*
New (NAACCR) ^c	1992-11	-2.5*							-2.5*	-2.5*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-03	-1.5*	2003-11	0.8*					0.5	0.8*
New (NAACCR) ^c	1992-04	-1.4*	2004-11	1.2*					0.6*	1.2*
White										
Old (SEER) ^c	1992-03	-1.2*	2003-11	1.3*					1.0*	1.3*
New (NAACCR) ^c	1992-03	-1.2*	2003-11	1.4*					1.1*	1.4*
Black										
Old (SEER) ^c	1992-11	-3.0*							-3.0*	-3.0*
New (NAACCR) ^c	1992-11	-3.0*							-3.0*	-3.0*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	-0.7*							-0.7*	-0.7*
New (NAACCR) ^c	1992-11	-0.8*							-0.8*	-0.8*
White										
Old (SEER) ^c	1992-04	-1.3*	2004-11	0.7					0.2	0.7
New (NAACCR) ^c	1992-04	-1.3*	2004-11	0.8					0.3	0.8
Black										
Old (SEER) ^c	1992-11	-1.4*							-1.4*	-1.4*
New (NAACCR) ^c	1992-11	-1.4*							-1.4*	-1.4*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.5
Cancer of the Esophagus (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-04	0.6*	2004-11	-1.3*									-0.9*	-1.3*
New (NAACCR) ^c	1975-04	0.6*	2004-11	-1.3*									-0.9*	-1.3*
White														
Old (SEER) ^c	1975-04	1.4*	2004-11	-0.4									0.0	-0.4
New (NAACCR) ^c	1975-04	1.4*	2004-11	-0.4									0.0	-0.4
Black														
Old (SEER) ^c	1975-86	1.2	1986-11	-4.5*									-4.5*	-4.5*
New (NAACCR) ^c	1975-86	1.2	1986-11	-4.5*									-4.5*	-4.5*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-04	0.8*	2004-11	-1.3									-0.8	-1.3
New (NAACCR) ^c	1975-04	0.8*	2004-11	-1.2									-0.8	-1.2
White														
Old (SEER) ^c	1975-04	1.7*	2004-11	-0.5									0.0	-0.5
New (NAACCR) ^c	1975-04	1.7*	2004-11	-0.4									0.0	-0.4
Black														
Old (SEER) ^c	1975-86	1.2	1986-11	-4.9*									-4.9*	-4.9*
New (NAACCR) ^c	1975-86	1.2	1986-11	-4.9*									-4.9*	-4.9*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-11	-0.5*											-0.5*	-0.5*
New (NAACCR) ^c	1975-11	-0.5*											-0.5*	-0.5*
White														
Old (SEER) ^c	1975-11	0.0											0.0	0.0
New (NAACCR) ^c	1975-11	0.0											0.0	0.0
Black														
Old (SEER) ^c	1975-80	10.9	1980-11	-2.9*									-2.9*	-2.9*
New (NAACCR) ^c	1975-80	10.9	1980-11	-2.9*									-2.9*	-2.9*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.6
Cancer of the Esophagus (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	-0.3							-0.3	-0.3
New (NAACCR) ^c	1992-11	-0.3							-0.3	-0.3
White										
Old (SEER) ^c	1992-11	0.7*							0.7*	0.7*
New (NAACCR) ^c	1992-11	0.7*							0.7*	0.7*
Black										
Old (SEER) ^c	1992-11	-4.6*							-4.6*	-4.6*
New (NAACCR) ^c	1992-11	-4.6*							-4.6*	-4.6*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	-0.1							-0.1	-0.1
White										
Old (SEER) ^c	1992-11	0.8*							0.8*	0.8*
New (NAACCR) ^c	1992-11	0.8*							0.8*	0.8*
Black										
Old (SEER) ^c	1992-11	-4.9*							-4.9*	-4.9*
New (NAACCR) ^c	1992-11	-4.9*							-4.9*	-4.9*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	-1.1*							-1.1*	-1.1*
New (NAACCR) ^c	1992-11	-1.1*							-1.1*	-1.1*
White										
Old (SEER) ^c	1992-11	-0.4							-0.4	-0.4
New (NAACCR) ^c	1992-11	-0.4							-0.4	-0.4
Black										
Old (SEER) ^c	1992-11	-3.9*							-3.9*	-3.9*
New (NAACCR) ^c	1992-11	-3.9*							-3.9*	-3.9*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.7
Cancer of the Stomach (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-11	-1.5*											-1.5*	-1.5*
New (NAACCR) ^c	1975-11	-1.5*											-1.5*	-1.5*
White														
Old (SEER) ^c	1975-01	-1.9*	2001-11	-0.8*									-0.8*	-0.8*
New (NAACCR) ^c	1975-01	-1.9*	2001-11	-0.8*									-0.8*	-0.8*
Black														
Old (SEER) ^c	1975-11	-1.4*											-1.4*	-1.4*
New (NAACCR) ^c	1975-11	-1.4*											-1.4*	-1.4*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-80	-0.2	1980-11	-1.8*									-1.8*	-1.8*
New (NAACCR) ^c	1975-80	-0.2	1980-11	-1.8*									-1.8*	-1.8*
White														
Old (SEER) ^c	1975-11	-1.8*											-1.8*	-1.8*
New (NAACCR) ^c	1975-11	-1.8*											-1.8*	-1.8*
Black														
Old (SEER) ^c	1975-82	2.3	1982-11	-2.0*									-2.0*	-2.0*
New (NAACCR) ^c	1975-82	2.3	1982-11	-2.1*									-2.1*	-2.1*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-95	-1.8*	1995-11	-0.9*									-0.9*	-0.9*
New (NAACCR) ^c	1975-95	-1.9*	1995-11	-0.9*									-0.9*	-0.9*
White														
Old (SEER) ^c	1975-95	-2.3*	1995-11	-1.1*									-1.1*	-1.1*
New (NAACCR) ^c	1975-95	-2.3*	1995-11	-1.1*									-1.1*	-1.1*
Black														
Old (SEER) ^c	1975-11	-0.8*											-0.8*	-0.8*
New (NAACCR) ^c	1975-11	-0.8*											-0.8*	-0.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.8
Cancer of the Stomach (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	-1.2*							-1.2*	-1.2*
New (NAACCR) ^c	1992-11	-1.2*							-1.2*	-1.2*
White										
Old (SEER) ^c	1992-11	-1.1*							-1.1*	-1.1*
New (NAACCR) ^c	1992-11	-1.1*							-1.1*	-1.1*
Black										
Old (SEER) ^c	1992-11	-1.6*							-1.6*	-1.6*
New (NAACCR) ^c	1992-11	-1.6*							-1.6*	-1.6*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	-1.7*							-1.7*	-1.7*
New (NAACCR) ^c	1992-11	-1.7*							-1.7*	-1.7*
White										
Old (SEER) ^c	1992-05	-1.9*	2005-11	-0.5					-0.9*	-0.5
New (NAACCR) ^c	1992-05	-1.9*	2005-11	-0.4					-0.9*	-0.4
Black										
Old (SEER) ^c	1992-11	-2.2*							-2.2*	-2.2*
New (NAACCR) ^c	1992-11	-2.2*							-2.2*	-2.2*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	-0.7*							-0.7*	-0.7*
New (NAACCR) ^c	1992-11	-0.7*							-0.7*	-0.7*
White										
Old (SEER) ^c	1992-11	-0.7*							-0.7*	-0.7*
New (NAACCR) ^c	1992-11	-0.7*							-0.7*	-0.7*
Black										
Old (SEER) ^c	1992-11	-0.8*							-0.8*	-0.8*
New (NAACCR) ^c	1992-11	-0.8*							-0.8*	-0.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.9
Cancer of the Colon and Rectum (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-85	0.8*	1985-95	-1.8*	1995-98	1.5	1998-08	-2.3*	2008-11	-4.3*			-3.0*	-3.8*
New (NAACCR) ^c	1975-85	0.8*	1985-95	-1.8*	1995-98	1.5	1998-08	-2.3*	2008-11	-4.1*			-2.9*	-3.7*
White														
Old (SEER) ^c	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.6*			-3.2*	-4.0*
New (NAACCR) ^c	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.4*			-3.1*	-4.0*
Black														
Old (SEER) ^c	1975-80	3.3*	1980-04	-0.2	2004-11	-3.5*							-2.8*	-3.5*
New (NAACCR) ^c	1975-80	3.3*	1980-04	-0.2	2004-11	-3.6*							-2.8*	-3.6*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-85	1.1*	1985-91	-1.2*	1991-95	-3.2*	1995-98	2.0	1998-08	-2.8*	2008-11	-4.1*	-3.2*	-3.8*
New (NAACCR) ^c	1975-85	1.1*	1985-91	-1.2*	1991-95	-3.2*	1995-98	2.2	1998-11	-2.9*			-2.9*	-2.9*
White														
Old (SEER) ^c	1975-85	1.1*	1985-91	-1.4*	1991-95	-3.3*	1995-98	2.1	1998-08	-2.9*	2008-11	-4.5*	-3.5*	-4.1*
New (NAACCR) ^c	1975-85	1.1*	1985-91	-1.4*	1991-95	-3.3*	1995-98	2.0	1998-08	-2.9*	2008-11	-4.3*	-3.4*	-4.0*
Black														
Old (SEER) ^c	1975-80	4.5*	1980-03	0.0	2003-11	-3.4*							-3.1*	-3.4*
New (NAACCR) ^c	1975-80	4.5*	1980-03	0.0	2003-11	-3.5*							-3.1*	-3.5*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-85	0.3	1985-95	-1.9*	1995-98	1.8	1998-08	-2.0*	2008-11	-4.5*			-2.8*	-3.9*
New (NAACCR) ^c	1975-85	0.3	1985-95	-1.9*	1995-98	1.8	1998-08	-2.0*	2008-11	-4.3*			-2.8*	-3.8*
White														
Old (SEER) ^c	1975-85	0.3	1985-95	-2.1*	1995-98	2.0	1998-08	-2.2*	2008-11	-4.5*			-3.0*	-3.9*
New (NAACCR) ^c	1975-85	0.3	1985-95	-2.1*	1995-98	2.0	1998-08	-2.2*	2008-11	-4.5*			-3.0*	-3.9*
Black														
Old (SEER) ^c	1975-05	-0.1	2005-11	-4.2*									-2.9*	-4.2*
New (NAACCR) ^c	1975-05	-0.1	2005-11	-4.3*									-2.9*	-4.3*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.10
Cancer of the Colon and Rectum (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-95	-2.1*	1995-98	1.6	1998-08	-2.2*	2008-11	-4.1*	-2.8*	-3.6*
New (NAACCR) ^c	1992-95	-2.1*	1995-98	1.6	1998-08	-2.2*	2008-11	-3.9*	-2.7*	-3.5*
White										
Old (SEER) ^c	1992-95	-2.1*	1995-98	1.7	1998-08	-2.3*	2008-11	-4.3*	-3.0*	-3.8*
New (NAACCR) ^c	1992-95	-2.2*	1995-98	1.6	1998-08	-2.3*	2008-11	-4.2*	-3.0*	-3.7*
Black										
Old (SEER) ^c	1992-04	-0.1	2004-11	-3.2*					-2.5*	-3.2*
New (NAACCR) ^c	1992-04	-0.1	2004-11	-3.2*					-2.5*	-3.2*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-95	-2.6*	1995-98	1.4	1998-08	-2.5*	2008-11	-4.0*	-3.0*	-3.6*
New (NAACCR) ^c	1992-95	-2.6*	1995-98	1.4	1998-08	-2.5*	2008-11	-3.6*	-2.9*	-3.4*
White										
Old (SEER) ^c	1992-95	-2.8*	1995-98	1.5	1998-08	-2.7*	2008-11	-4.4*	-3.3*	-4.0*
New (NAACCR) ^c	1992-95	-2.8*	1995-98	1.5	1998-08	-2.7*	2008-11	-4.1*	-3.2*	-3.8*
Black										
Old (SEER) ^c	1992-03	-0.1	2003-11	-3.0*					-2.7*	-3.0*
New (NAACCR) ^c	1992-03	-0.1	2003-11	-3.0*					-2.7*	-3.0*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-95	-1.8*	1995-98	1.8	1998-08	-1.9*	2008-11	-4.2*	-2.7*	-3.6*
New (NAACCR) ^c	1992-95	-1.8*	1995-98	1.8	1998-08	-2.0*	2008-11	-4.0*	-2.7*	-3.5*
White										
Old (SEER) ^c	1992-95	-1.7	1995-98	1.7	1998-08	-2.1*	2008-11	-4.3*	-2.8*	-3.7*
New (NAACCR) ^c	1992-95	-1.7	1995-98	1.7	1998-08	-2.1*	2008-11	-4.2*	-2.8*	-3.7*
Black										
Old (SEER) ^c	1992-00	0.5	2000-09	-1.5*	2009-11	-8.0*			-3.0*	-4.8*
New (NAACCR) ^c	1992-00	0.5	2000-09	-1.5*	2009-11	-8.0*			-3.0*	-4.8*

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.11
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-84	1.3	1984-98	4.8*	1998-01	0.6	2001-11	4.3*					4.3*	4.3*
New (NAACCR) ^c	1975-84	1.3*	1984-98	4.8*	1998-01	0.4	2001-11	4.5*					4.5*	4.5*
White														
Old (SEER) ^c	1975-87	1.6*	1987-98	5.4*	1998-01	-0.8	2001-11	5.0*					5.0*	5.0*
New (NAACCR) ^c	1975-87	1.6*	1987-98	5.4*	1998-01	-0.9	2001-11	5.0*					5.0*	5.0*
Black														
Old (SEER) ^c	1975-83	-0.6	1983-11	4.0*									4.0*	4.0*
New (NAACCR) ^c	1975-83	-0.6	1983-11	4.0*									4.0*	4.0*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-11	3.8*											3.8*	3.8*
New (NAACCR) ^c	1975-84	2.2*	1984-11	4.0*									4.0*	4.0*
White														
Old (SEER) ^c	1975-84	1.6	1984-11	4.2*									4.2*	4.2*
New (NAACCR) ^c	1975-87	1.8*	1987-98	5.4*	1998-01	-0.8	2001-11	5.1*					5.1*	5.1*
Black														
Old (SEER) ^c	1975-98	3.0*	1998-11	5.2*									5.2*	5.2*
New (NAACCR) ^c	1975-98	3.0*	1998-11	5.2*									5.2*	5.2*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-83	0.5	1983-99	4.3*	1999-02	-1.1	2002-11	3.9*					3.9*	3.9*
New (NAACCR) ^c	1975-83	0.5	1983-99	4.3*	1999-02	-1.3	2002-11	4.1*					4.1*	4.1*
White														
Old (SEER) ^c	1975-85	0.8	1985-99	4.1*	1999-02	-2.7	2002-11	4.6*					4.6*	4.6*
New (NAACCR) ^c	1975-85	0.8	1985-99	4.1*	1999-02	-2.8	2002-11	4.6*					4.6*	4.6*
Black														
Old (SEER) ^c	1975-11	2.8*											2.8*	2.8*
New (NAACCR) ^c	1975-11	2.8*											2.8*	2.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.12
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-96	5.7*	1996-11	3.4*					3.4*	3.4*
New (NAACCR) ^c	1992-98	5.4*	1998-02	1.6	2002-11	4.1*			4.1*	4.1*
White										
Old (SEER) ^c	1992-99	5.6*	1999-02	-0.1	2002-11	5.0*			5.0*	5.0*
New (NAACCR) ^c	1992-99	5.6*	1999-02	-0.2	2002-11	5.1*			5.1*	5.1*
Black										
Old (SEER) ^c	1992-11	4.1*							4.1*	4.1*
New (NAACCR) ^c	1992-11	4.1*							4.1*	4.1*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	3.6*							3.6*	3.6*
New (NAACCR) ^c	1992-11	3.7*							3.7*	3.7*
White										
Old (SEER) ^c	1992-11	4.1*							4.1*	4.1*
New (NAACCR) ^c	1992-99	4.8*	1999-02	0.5	2002-11	5.3*			5.3*	5.3*
Black										
Old (SEER) ^c	1992-11	4.4*							4.4*	4.4*
New (NAACCR) ^c	1992-11	4.5*							4.5*	4.5*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	2.9*							2.9*	2.9*
New (NAACCR) ^c	1992-11	3.0*							3.0*	3.0*
White										
Old (SEER) ^c	1992-99	6.1*	1999-03	-1.5	2003-11	4.6*			3.9*	4.6*
New (NAACCR) ^c	1992-99	6.1*	1999-03	-1.6	2003-11	4.7*			4.0*	4.7*
Black										
Old (SEER) ^c	1992-11	2.9*							2.9*	2.9*
New (NAACCR) ^c	1992-11	3.0*							3.0*	3.0*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.13
Cancer of the Pancreas (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-78	-2.2	1978-84	1.3*	1984-89	-1.5	1989-01	0.0	2001-09	1.8*	2009-11	-2.0	0.9*	-0.1
New (NAACCR) ^c	1975-78	-2.2	1978-84	1.3*	1984-89	-1.5	1989-01	0.0	2001-09	1.8*	2009-11	-1.5	1.1*	0.1
<u>White</u>														
Old (SEER) ^c	1975-79	-1.9	1979-84	1.7	1984-87	-2.5	1987-99	-0.1	1999-09	1.6*	2009-11	-2.1	0.8	-0.3
New (NAACCR) ^c	1975-79	-1.9	1979-84	1.7	1984-87	-2.5	1987-99	-0.2	1999-09	1.6*	2009-11	-1.6	0.9	0.0
<u>Black</u>														
Old (SEER) ^c	1975-11	-0.1											-0.1	-0.1
New (NAACCR) ^c	1975-11	-0.1											-0.1	-0.1
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-96	-0.8*	1996-11	1.0*									1.0*	1.0*
New (NAACCR) ^c	1975-96	-0.8*	1996-11	1.1*									1.1*	1.1*
<u>White</u>														
Old (SEER) ^c	1975-94	-1.0*	1994-11	1.0*									1.0*	1.0*
New (NAACCR) ^c	1975-95	-0.9*	1995-11	1.1*									1.1*	1.1*
<u>Black</u>														
Old (SEER) ^c	1975-11	-0.4*											-0.4*	-0.4*
New (NAACCR) ^c	1975-11	-0.4*											-0.4*	-0.4*
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-84	1.3*	1984-99	-0.3	1999-11	1.3*							1.3*	1.3*
New (NAACCR) ^c	1975-84	1.3*	1984-99	-0.3	1999-11	1.4*							1.4*	1.4*
<u>White</u>														
Old (SEER) ^c	1975-84	1.6*	1984-87	-2.0	1987-00	-0.1	2000-09	1.8*	2009-11	-2.7			0.8	-0.5
New (NAACCR) ^c	1975-84	1.6*	1984-87	-2.0	1987-00	-0.1	2000-09	1.9*	2009-11	-2.2			0.9	-0.2
<u>Black</u>														
Old (SEER) ^c	1975-11	0.1											0.1	0.1
New (NAACCR) ^c	1975-11	0.1											0.1	0.1

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.14
Cancer of the Pancreas (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-01	0.0	2001-06	1.8*	2006-11	0.4			1.0*	0.4
New (NAACCR) ^c	1992-00	0.0	2000-11	1.2*					1.2*	1.2*
White										
Old (SEER) ^c	1992-00	0.1	2000-09	1.4*	2009-11	-1.1			0.9	0.2
New (NAACCR) ^c	1992-99	0.1	1999-11	1.2*					1.2*	1.2*
Black										
Old (SEER) ^c	1992-01	-1.5*	2001-11	0.9*					0.9*	0.9*
New (NAACCR) ^c	1992-01	-1.5*	2001-11	1.0*					1.0*	1.0*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-01	0.0	2001-11	1.2*					1.2*	1.2*
New (NAACCR) ^c	1992-01	-0.1	2001-11	1.3*					1.3*	1.3*
White										
Old (SEER) ^c	1992-11	0.9*							0.9*	0.9*
New (NAACCR) ^c	1992-11	0.9*							0.9*	0.9*
Black										
Old (SEER) ^c	1992-11	-0.2							-0.2	-0.2
New (NAACCR) ^c	1992-11	-0.2							-0.2	-0.2
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-99	-0.1	1999-11	1.1*					1.1*	1.1*
New (NAACCR) ^c	1992-99	-0.1	1999-11	1.1*					1.1*	1.1*
White										
Old (SEER) ^c	1992-00	-0.1	2000-09	1.6*	2009-11	-2.3			0.7	-0.4
New (NAACCR) ^c	1992-99	-0.1	1999-11	1.2*					1.2*	1.2*
Black										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	0.0							0.0	0.0

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.15
Cancer of the Larynx (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-88	0.0	1988-11	-2.4*									-2.4*	-2.4*
New (NAACCR) ^c	1975-88	0.0	1988-11	-2.4*									-2.4*	-2.4*
White														
Old (SEER) ^c	1975-87	0.1	1987-11	-2.3*									-2.3*	-2.3*
New (NAACCR) ^c	1975-87	0.1	1987-11	-2.3*									-2.3*	-2.3*
Black														
Old (SEER) ^c	1975-90	1.2*	1990-11	-2.9*									-2.9*	-2.9*
New (NAACCR) ^c	1975-90	1.2*	1990-11	-2.9*									-2.9*	-2.9*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-86	0.0	1986-11	-2.4*									-2.4*	-2.4*
New (NAACCR) ^c	1975-86	0.0	1986-11	-2.4*									-2.4*	-2.4*
White														
Old (SEER) ^c	1975-85	0.2	1985-11	-2.4*									-2.4*	-2.4*
New (NAACCR) ^c	1975-85	0.2	1985-11	-2.4*									-2.4*	-2.4*
Black														
Old (SEER) ^c	1975-90	0.9	1990-11	-2.7*									-2.7*	-2.7*
New (NAACCR) ^c	1975-90	0.9	1990-11	-2.8*									-2.8*	-2.8*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-89	1.9*	1989-11	-2.6*									-2.6*	-2.6*
New (NAACCR) ^c	1975-89	1.8*	1989-11	-2.6*									-2.6*	-2.6*
White														
Old (SEER) ^c	1975-89	1.7*	1989-11	-2.3*									-2.3*	-2.3*
New (NAACCR) ^c	1975-89	1.7*	1989-11	-2.3*									-2.3*	-2.3*
Black														
Old (SEER) ^c	1975-90	3.7*	1990-11	-3.4*									-3.4*	-3.4*
New (NAACCR) ^c	1975-90	3.6*	1990-11	-3.4*									-3.4*	-3.4*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.16
Cancer of the Larynx (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	-2.6*							-2.6*	-2.6*
New (NAACCR) ^c	1992-11	-2.6*							-2.6*	-2.6*
White										
Old (SEER) ^c	1992-11	-2.3*							-2.3*	-2.3*
New (NAACCR) ^c	1992-11	-2.3*							-2.3*	-2.3*
Black										
Old (SEER) ^c	1992-11	-3.3*							-3.3*	-3.3*
New (NAACCR) ^c	1992-11	-3.3*							-3.3*	-3.3*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-03	-3.2*	2003-11	-1.7*					-1.9*	-1.7*
New (NAACCR) ^c	1992-03	-3.2*	2003-11	-1.7*					-1.8*	-1.7*
White										
Old (SEER) ^c	1992-03	-3.0*	2003-11	-1.3*					-1.5*	-1.3*
New (NAACCR) ^c	1992-03	-3.1*	2003-11	-1.3*					-1.5*	-1.3*
Black										
Old (SEER) ^c	1992-11	-3.2*							-3.2*	-3.2*
New (NAACCR) ^c	1992-11	-3.2*							-3.2*	-3.2*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	-3.0*							-3.0*	-3.0*
New (NAACCR) ^c	1992-11	-3.0*							-3.0*	-3.0*
White										
Old (SEER) ^c	1992-11	-2.7*							-2.7*	-2.7*
New (NAACCR) ^c	1992-11	-2.8*							-2.8*	-2.8*
Black										
Old (SEER) ^c	1992-11	-3.4*							-3.4*	-3.4*
New (NAACCR) ^c	1992-11	-3.4*							-3.4*	-3.4*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.17
Cancer of the Lung and Bronchus (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-82	2.5*	1982-91	0.9*	1991-07	-0.7*	2007-11	-2.2*					-1.4*	-2.2*
New (NAACCR) ^c	1975-82	2.5*	1982-91	0.9*	1991-07	-0.7*	2007-11	-2.0*					-1.3*	-2.0*
<u>White</u>														
Old (SEER) ^c	1975-82	2.6*	1982-91	1.1*	1991-07	-0.6*	2007-11	-2.1*					-1.3*	-2.1*
New (NAACCR) ^c	1975-82	2.6*	1982-91	1.1*	1991-07	-0.6*	2007-11	-1.9*					-1.2*	-1.9*
<u>Black</u>														
Old (SEER) ^c	1975-84	3.3*	1984-98	-0.4	1998-11	-1.7*							-1.7*	-1.7*
New (NAACCR) ^c	1975-84	3.3*	1984-98	-0.5	1998-11	-1.7*							-1.7*	-1.7*
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-82	1.4*	1982-91	-0.4	1991-11	-1.8*							-1.8*	-1.8*
New (NAACCR) ^c	1975-82	1.4*	1982-91	-0.4	1991-11	-1.8*							-1.8*	-1.8*
<u>White</u>														
Old (SEER) ^c	1975-81	1.5*	1981-90	-0.2	1990-11	-1.7*							-1.7*	-1.7*
New (NAACCR) ^c	1975-81	1.5*	1981-90	-0.2	1990-11	-1.7*							-1.7*	-1.7*
<u>Black</u>														
Old (SEER) ^c	1975-84	2.9*	1984-97	-1.4*	1997-11	-2.7*							-2.7*	-2.7*
New (NAACCR) ^c	1975-84	2.9*	1984-97	-1.4*	1997-11	-2.7*							-2.7*	-2.7*
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-82	5.6*	1982-91	3.4*	1991-07	0.5*	2007-11	-2.1*					-0.7*	-2.1*
New (NAACCR) ^c	1975-82	5.6*	1982-91	3.4*	1991-07	0.5*	2007-11	-1.8*					-0.6*	-1.8*
<u>White</u>														
Old (SEER) ^c	1975-82	5.6*	1982-88	4.2*	1988-97	1.5*	1997-07	0.3	2007-11	-1.8*			-0.6*	-1.8*
New (NAACCR) ^c	1975-82	5.6*	1982-88	4.2*	1988-97	1.5*	1997-07	0.3	2007-11	-1.5*			-0.5	-1.5*
<u>Black</u>														
Old (SEER) ^c	1975-91	4.2*	1991-11	0.1									0.1	0.1
New (NAACCR) ^c	1975-91	4.2*	1991-11	0.1									0.1	0.1

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.18
Cancer of the Lung and Bronchus (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-09	-1.0*	2009-11	-4.0*					-1.7*	-2.5*
New (NAACCR) ^c	1992-07	-1.0*	2007-11	-2.2*					-1.5*	-2.2*
White										
Old (SEER) ^c	1992-08	-0.9*	2008-11	-2.9*					-1.6*	-2.4*
New (NAACCR) ^c	1992-07	-0.9*	2007-11	-2.1*					-1.4*	-2.1*
Black										
Old (SEER) ^c	1992-09	-1.3*	2009-11	-5.8					-2.3*	-3.6*
New (NAACCR) ^c	1992-09	-1.3*	2009-11	-5.6					-2.3*	-3.5*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-09	-1.9*	2009-11	-4.0*					-2.4*	-3.0*
New (NAACCR) ^c	1992-11	-1.9*							-1.9*	-1.9*
White										
Old (SEER) ^c	1992-11	-1.9*							-1.9*	-1.9*
New (NAACCR) ^c	1992-11	-1.9*							-1.9*	-1.9*
Black										
Old (SEER) ^c	1992-11	-2.6*							-2.6*	-2.6*
New (NAACCR) ^c	1992-11	-2.6*							-2.6*	-2.6*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-07	0.0	2007-11	-2.2*					-1.0*	-2.2*
New (NAACCR) ^c	1992-97	0.7	1997-07	-0.2	2007-11	-1.7*			-0.9*	-1.7*
White										
Old (SEER) ^c	1992-98	1.0*	1998-01	-1.3	2001-07	0.4	2007-11	-2.4*	-0.9*	-2.4*
New (NAACCR) ^c	1992-98	1.0*	1998-01	-1.3	2001-07	0.3	2007-11	-2.1*	-0.8*	-2.1*
Black										
Old (SEER) ^c	1992-05	0.8*	2005-11	-1.9*					-1.0	-1.9*
New (NAACCR) ^c	1992-05	0.8*	2005-11	-1.9*					-1.0	-1.9*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.19
Melanoma of the Skin (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-85	4.7*	1985-11	2.6*									2.6*	2.6*
New (NAACCR) ^c	1975-85	4.6*	1985-11	2.7*									2.7*	2.7*
<u>White</u>														
Old (SEER) ^c	1975-81	6.3*	1981-06	3.2*	2006-11	1.3							2.1*	1.3
New (NAACCR) ^c	1975-81	6.2*	1981-05	3.3*	2005-11	1.8*							2.3*	1.8*
<u>Black</u>														
Old (SEER) ^c	-	-											-	-
New (NAACCR) ^c	1975-11	0.1											0.1	0.1
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-86	5.7*	1986-11	2.9*									2.9*	2.9*
New (NAACCR) ^c	1975-86	5.6*	1986-11	2.9*									2.9*	2.9*
<u>White</u>														
Old (SEER) ^c	1975-86	5.8*	1986-08	3.3*	2008-11	0.0							2.2*	0.8
New (NAACCR) ^c	1975-85	5.9*	1985-05	3.5*	2005-11	1.9*							2.4*	1.9*
<u>Black</u>														
Old (SEER) ^c	-	-											-	-
New (NAACCR) ^c	1975-11	0.1											0.1	0.1
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-81	5.1*	1981-11	2.3*									2.3*	2.3*
New (NAACCR) ^c	1975-81	5.1*	1981-11	2.3*									2.3*	2.3*
<u>White</u>														
Old (SEER) ^c	1975-81	6.2*	1981-93	2.2*	1993-05	3.5*	2005-11	1.1					1.9*	1.1
New (NAACCR) ^c	1975-81	6.2*	1981-93	2.1*	1993-05	3.5*	2005-11	1.1*					1.9*	1.1*
<u>Black</u>														
Old (SEER) ^c	-	-											-	-
New (NAACCR) ^c	1975-11	-0.1											-0.1	-0.1

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.20
Melanoma of the Skin (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-96	4.8*	1996-11	1.8*					1.8*	1.8*
New (NAACCR) ^c	1992-11	2.2*							2.2*	2.2*
White										
Old (SEER) ^c	1992-08	2.9*	2008-11	-0.9					1.6*	0.1
New (NAACCR) ^c	1992-05	3.2*	2005-11	1.2					1.9*	1.2
Black										
Old (SEER) ^c	-	-							-	-
New (NAACCR) ^c	1992-95	37.2*	1995-01	-8.0	2001-11	2.1			2.1	2.1
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	2.3*							2.3*	2.3*
New (NAACCR) ^c	1992-11	2.4*							2.4*	2.4*
White										
Old (SEER) ^c	1992-08	3.0*	2008-11	-0.8					1.8*	0.2
New (NAACCR) ^c	1992-11	2.7*							2.7*	2.7*
Black										
Old (SEER) ^c	-	-							-	-
New (NAACCR) ^c	1992-95	75.1*	1995-04	-7.8*	2004-11	3.6			0.9	3.6
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-97	4.1*	1997-11	1.5*					1.5*	1.5*
New (NAACCR) ^c	1992-97	4.0*	1997-11	1.6*					1.6*	1.6*
White										
Old (SEER) ^c	1992-05	3.1*	2005-11	0.7					1.5*	0.7
New (NAACCR) ^c	1992-05	3.1*	2005-11	0.8					1.5*	0.8
Black										
Old (SEER) ^c	-	-							-	-
New (NAACCR) ^c	1992-11	0.6							0.6	0.6

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.21
Cancer of the Female Breast (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-80	-0.5	1980-87	4.0*	1987-94	-0.2	1994-99	1.8*	1999-04	-2.3*	2004-11	0.3	-0.3	0.3
New (NAACCR) ^c	1975-80	-0.5	1980-87	4.0*	1987-94	-0.2	1994-99	1.8*	1999-04	-2.3*	2004-11	0.4	-0.2	0.4
White														
Old (SEER) ^c	1975-80	-0.5	1980-87	4.1*	1987-94	-0.2	1994-99	2.0*	1999-04	-2.4*	2004-11	0.2	-0.4	0.2
New (NAACCR) ^c	1975-80	-0.5	1980-87	4.1*	1987-94	-0.2	1994-99	2.0*	1999-04	-2.3*	2004-11	0.3	-0.3	0.3
Black														
Old (SEER) ^c	1975-91	2.3*	1991-11	0.3									0.3	0.3
New (NAACCR) ^c	1975-91	2.3*	1991-11	0.3									0.3	0.3
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-99	1.3*	1999-04	-2.2*	2004-11	0.3							-0.3	0.3
New (NAACCR) ^c	1992-99	1.3*	1999-04	-2.2*	2004-11	0.3							-0.2	0.3
White														
Old (SEER) ^c	1992-99	1.5*	1999-04	-2.4*	2004-11	0.1							-0.4	0.1
New (NAACCR) ^c	1992-99	1.5*	1999-04	-2.3*	2004-11	0.2							-0.3	0.2
Black														
Old (SEER) ^c	1992-11	0.3*											0.3*	0.3*
New (NAACCR) ^c	1992-11	0.3*											0.3*	0.3*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.22
Cancer of the Cervix Uteri (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-82	-4.6*	1982-90	-0.1	1990-07	-2.6*	2007-11	0.7					-1.2	0.7
New (NAACCR) ^c	1975-82	-4.6*	1982-90	-0.1	1990-07	-2.6*	2007-11	0.9					-1.1	0.9
White														
Old (SEER) ^c	1975-82	-4.7*	1982-90	0.4	1990-05	-2.5*	2005-11	0.4					-0.6	0.4
New (NAACCR) ^c	1975-82	-4.7*	1982-90	0.4	1990-05	-2.5*	2005-11	0.5					-0.5	0.5
Black														
Old (SEER) ^c	1975-11	-3.6*											-3.6*	-3.6*
New (NAACCR) ^c	1975-11	-3.6*											-3.6*	-3.6*
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-11	-2.4*											-2.4*	-2.4*
New (NAACCR) ^c	1992-11	-2.4*											-2.4*	-2.4*
White														
Old (SEER) ^c	1992-11	-1.9*											-1.9*	-1.9*
New (NAACCR) ^c	1992-11	-1.9*											-1.9*	-1.9*
Black														
Old (SEER) ^c	1992-11	-3.6*											-3.6*	-3.6*
New (NAACCR) ^c	1992-11	-3.6*											-3.6*	-3.6*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.23
Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-79	-6.0*	1979-88	-1.7*	1988-97	0.7*	1997-06	-0.4*	2006-09	3.6*	2009-11	0.0	1.0	1.8
New (NAACCR) ^c	1975-79	-6.0*	1979-88	-1.7*	1988-97	0.7*	1997-06	-0.4*	2006-09	3.6*	2009-11	0.2	1.0	1.9
White														
Old (SEER) ^c	1975-79	-6.1*	1979-88	-1.7*	1988-98	0.7*	1998-03	-1.2	2003-11	1.2*			0.9*	1.2*
New (NAACCR) ^c	1975-79	-6.1*	1979-88	-1.7*	1988-98	0.7*	1998-03	-1.2	2003-11	1.3*			1.0*	1.3*
Black														
Old (SEER) ^c	1975-97	-0.1	1997-11	3.0*									3.0*	3.0*
New (NAACCR) ^c	1975-97	-0.2	1997-11	3.1*									3.1*	3.1*
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-06	-0.1	2006-11	2.4*									1.3*	2.4*
New (NAACCR) ^c	1992-06	-0.2	2006-11	2.5*									1.3*	2.5*
White														
Old (SEER) ^c	1992-98	0.6	1998-03	-1.4	2003-11	1.4*							1.1*	1.4*
New (NAACCR) ^c	1992-98	0.6	1998-03	-1.4	2003-11	1.4*							1.1*	1.4*
Black														
Old (SEER) ^c	1992-11	2.5*											2.5*	2.5*
New (NAACCR) ^c	1992-11	2.5*											2.5*	2.5*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.24
Cancer of the Ovary (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-87	0.1	1987-11	-0.9*									-0.9*	-0.9*
New (NAACCR) ^c	1975-87	0.1	1987-11	-0.9*									-0.9*	-0.9*
White														
Old (SEER) ^c	1975-89	0.1	1989-11	-1.0*									-1.0*	-1.0*
New (NAACCR) ^c	1975-87	0.2	1987-11	-0.9*									-0.9*	-0.9*
Black														
Old (SEER) ^c	1975-11	-0.4*											-0.4*	-0.4*
New (NAACCR) ^c	1975-11	-0.4*											-0.4*	-0.4*
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-11	-0.9*											-0.9*	-0.9*
New (NAACCR) ^c	1992-11	-0.9*											-0.9*	-0.9*
White														
Old (SEER) ^c	1992-97	-1.1*	1997-01	0.5	2001-04	-2.9	2004-11	-0.6					-1.1*	-0.6
New (NAACCR) ^c	1992-97	-1.1*	1997-01	0.5	2001-04	-2.9	2004-11	-0.4					-1.0*	-0.4
Black														
Old (SEER) ^c	1992-11	-0.4											-0.4	-0.4
New (NAACCR) ^c	1992-11	-0.4											-0.4	-0.4

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. ##joinpoint_footnote913##

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.25
Cancer of the Prostate (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-88	2.6*	1988-92	16.5*	1992-95	-11.6*	1995-00	2.5	2000-11	-1.9*			-1.9*	-1.9*
New (NAACCR) ^c	1975-88	2.6*	1988-92	16.5*	1992-95	-11.6*	1995-00	2.4	2000-11	-1.9*			-1.9*	-1.9*
White														
Old (SEER) ^c	1975-88	2.8*	1988-92	16.3*	1992-95	-12.3*	1995-01	2.1	2001-11	-2.4*			-2.4*	-2.4*
New (NAACCR) ^c	1975-88	2.8*	1988-92	16.3*	1992-95	-12.3*	1995-01	2.2	2001-11	-2.3*			-2.3*	-2.3*
Black														
Old (SEER) ^c	1975-89	2.1*	1989-92	19.3*	1992-11	-1.7*							-1.7*	-1.7*
New (NAACCR) ^c	1975-89	2.1*	1989-92	19.2*	1992-11	-1.7*							-1.7*	-1.7*
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-95	-11.2*	1995-00	2.3	2000-11	-2.1*							-2.1*	-2.1*
New (NAACCR) ^c	1992-95	-11.2*	1995-00	2.2	2000-11	-2.1*							-2.1*	-2.1*
White														
Old (SEER) ^c	1992-95	-11.7*	1995-01	1.9	2001-11	-2.5*							-2.5*	-2.5*
New (NAACCR) ^c	1992-95	-12.1*	1995-00	2.7	2000-11	-2.1*							-2.1*	-2.1*
Black														
Old (SEER) ^c	1992-11	-1.9*											-1.9*	-1.9*
New (NAACCR) ^c	1992-11	-1.8*											-1.8*	-1.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.26
Cancer of the Testis (Invasive)

Trends in SEER 9 and SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>SEER 9</u>														
All Races														
Old (SEER) ^c	1975-87	2.5*	1987-11	0.9*									0.9*	0.9*
New (NAACCR) ^c	1975-87	2.5*	1987-11	0.9*									0.9*	0.9*
White														
Old (SEER) ^c	1975-89	2.6*	1989-11	1.1*									1.1*	1.1*
New (NAACCR) ^c	1975-87	2.8*	1987-11	1.1*									1.1*	1.1*
Black														
Old (SEER) ^c	1975-11	2.2*											2.2*	2.2*
New (NAACCR) ^c	1975-11	2.1*											2.1*	2.1*
<u>SEER 13</u>														
All Races														
Old (SEER) ^c	1992-11	1.1*											1.1*	1.1*
New (NAACCR) ^c	1992-11	1.2*											1.2*	1.2*
White														
Old (SEER) ^c	1992-11	1.4*											1.4*	1.4*
New (NAACCR) ^c	1992-11	1.3*											1.3*	1.3*
Black														
Old (SEER) ^c	1992-94	50.3	1994-11	0.8									0.8	0.8
New (NAACCR) ^c	1992-94	50.2	1994-11	0.8									0.8	0.8

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 and SEER13 registry groups only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.27
Cancer of the Urinary Bladder (Invasive and *In Situ*)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-86	0.7*	1986-07	0.2*	2007-11	-1.1							-0.4	-1.1
New (NAACCR) ^c	1975-86	0.7*	1986-07	0.2*	2007-11	-1.0							-0.3	-1.0
White														
Old (SEER) ^c	1975-86	0.9*	1986-07	0.4*	2007-11	-0.8							-0.1	-0.8
New (NAACCR) ^c	1975-87	1.0*	1987-96	0.0	1996-00	1.4	2000-11	-0.2					-0.2	-0.2
Black														
Old (SEER) ^c	1975-11	0.3*											0.3*	0.3*
New (NAACCR) ^c	1975-11	0.2*											0.2*	0.2*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-86	0.8*	1986-07	0.1	2007-11	-1.2							-0.5	-1.2
New (NAACCR) ^c	1975-87	1.0*	1987-94	-0.5	1994-07	0.4*	2007-11	-1.4					-0.4	-1.4
White														
Old (SEER) ^c	1975-87	1.2*	1987-95	-0.5	1995-00	1.3	2000-11	-0.2					-0.2	-0.2
New (NAACCR) ^c	1975-87	1.2*	1987-95	-0.5	1995-00	1.2	2000-11	-0.2					-0.2	-0.2
Black														
Old (SEER) ^c	1975-11	0.4*											0.4*	0.4*
New (NAACCR) ^c	1975-11	0.4*											0.4*	0.4*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-02	0.2*	2002-11	-0.9*									-0.9*	-0.9*
New (NAACCR) ^c	1975-02	0.2*	2002-11	-1.0*									-1.0*	-1.0*
White														
Old (SEER) ^c	1975-02	0.4*	2002-11	-0.8*									-0.8*	-0.8*
New (NAACCR) ^c	1975-02	0.4*	2002-11	-0.9*									-0.9*	-0.9*
Black														
Old (SEER) ^c	1975-11	0.2											0.2	0.2
New (NAACCR) ^c	1975-11	0.2											0.2	0.2

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.28
Cancer of the Urinary Bladder (Invasive and *In Situ*)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-07	0.1	2007-11	-1.3*					-0.5	-1.3*
New (NAACCR) ^c	1992-05	0.2	2005-11	-0.7*					-0.4	-0.7*
White										
Old (SEER) ^c	1992-04	0.4*	2004-11	-0.5					-0.3	-0.5
New (NAACCR) ^c	1992-11	0.1							0.1	0.1
Black										
Old (SEER) ^c	1992-11	0.4							0.4	0.4
New (NAACCR) ^c	1992-11	0.3							0.3	0.3
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-07	0.1	2007-11	-1.6*					-0.6*	-1.6*
New (NAACCR) ^c	1992-07	0.1	2007-11	-1.3					-0.5	-1.3
White										
Old (SEER) ^c	1992-11	0.0							0.0	0.0
New (NAACCR) ^c	1992-11	0.0							0.0	0.0
Black										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-11	0.6*							0.6*	0.6*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-04	-0.2	2004-11	-1.1*					-0.9*	-1.1*
New (NAACCR) ^c	1992-04	-0.2	2004-11	-1.1*					-0.9*	-1.1*
White										
Old (SEER) ^c	1992-03	0.0	2003-11	-0.8*					-0.7*	-0.8*
New (NAACCR) ^c	1992-03	0.0	2003-11	-0.9*					-0.8*	-0.9*
Black										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	-0.1							-0.1	-0.1

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.29
Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-94	2.3*	1994-97	-0.6	1997-08	3.3*	2008-11	-0.7					1.9*	0.3
New (NAACCR) ^c	1975-94	2.3*	1994-97	-0.6	1997-08	3.2*	2008-11	-0.5					2.0*	0.4
<u>White</u>														
Old (SEER) ^c	1975-92	2.4*	1992-97	0.3	1997-07	3.3*	2007-11	0.3					1.9*	0.3
New (NAACCR) ^c	1975-92	2.3*	1992-97	0.3	1997-07	3.2*	2007-11	0.4					2.0*	0.4
<u>Black</u>														
Old (SEER) ^c	1975-11	2.9*											2.9*	2.9*
New (NAACCR) ^c	1975-11	2.9*											2.9*	2.9*
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-04	1.8*	2004-08	4.3*	2008-11	-0.7							2.1*	0.6
New (NAACCR) ^c	1975-90	2.2*	1990-97	0.9	1997-11	2.6*							2.6*	2.6*
<u>White</u>														
Old (SEER) ^c	1975-89	2.1*	1989-97	0.9	1997-11	2.5*							2.5*	2.5*
New (NAACCR) ^c	1975-98	1.6*	1998-11	2.3*									2.3*	2.3*
<u>Black</u>														
Old (SEER) ^c	1975-11	3.0*											3.0*	3.0*
New (NAACCR) ^c	1975-11	3.0*											3.0*	3.0*
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-93	2.7*	1993-99	0.8	1999-07	4.0*	2007-11	-1.3					1.6*	-1.3
New (NAACCR) ^c	1975-93	2.7*	1993-99	0.7	1999-07	3.9*	2007-11	-1.3					1.6*	-1.3
<u>White</u>														
Old (SEER) ^c	1975-92	2.8*	1992-99	0.7	1999-06	4.4*	2006-11	-0.5					1.7*	-0.5
New (NAACCR) ^c	1975-92	2.8*	1992-99	0.7	1999-06	4.3*	2006-11	-0.6					1.6*	-0.6
<u>Black</u>														
Old (SEER) ^c	1975-11	2.8*											2.8*	2.8*
New (NAACCR) ^c	1975-11	2.8*											2.8*	2.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.30
Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-99	1.4*	1999-08	3.4*	2008-11	-0.9			2.0*	0.2
New (NAACCR) ^c	1992-99	1.3*	1999-08	3.3*	2008-11	-0.5			2.0*	0.4
White										
Old (SEER) ^c	1992-97	0.9	1997-08	3.2*	2008-11	-0.6			1.9*	0.3
New (NAACCR) ^c	1992-97	0.9	1997-08	3.1*	2008-11	-0.4			2.0*	0.5
Black										
Old (SEER) ^c	1992-11	2.8*							2.8*	2.8*
New (NAACCR) ^c	1992-11	2.8*							2.8*	2.8*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-04	1.9*	2004-08	4.5*	2008-11	-1.2			2.0*	0.2
New (NAACCR) ^c	1992-04	1.9*	2004-08	4.5*	2008-11	-0.7			2.2*	0.6
White										
Old (SEER) ^c	1992-97	0.8	1997-08	2.9*	2008-11	-0.2			1.9*	0.6
New (NAACCR) ^c	1992-97	0.8	1997-08	2.9*	2008-11	0.2			2.0*	0.9
Black										
Old (SEER) ^c	1992-11	2.8*							2.8*	2.8*
New (NAACCR) ^c	1992-11	2.8*							2.8*	2.8*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-99	1.4*	1999-08	3.4*	2008-11	-1.9			1.6*	-0.6
New (NAACCR) ^c	1992-98	1.2	1998-08	3.2*	2008-11	-1.7			1.6*	-0.5
White										
Old (SEER) ^c	1992-97	0.7	1997-08	3.3*	2008-11	-1.7			1.6*	-0.5
New (NAACCR) ^c	1992-97	0.7	1997-08	3.2*	2008-11	-1.7			1.6*	-0.5
Black										
Old (SEER) ^c	1992-11	2.6*							2.6*	2.6*
New (NAACCR) ^c	1992-11	2.6*							2.6*	2.6*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.31
Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-87	1.4*	1987-11	-0.1									-0.1	-0.1
New (NAACCR) ^c	1975-87	1.4*	1987-11	-0.1									-0.1	-0.1
White														
Old (SEER) ^c	1975-87	1.6*	1987-11	0.0									0.0	0.0
New (NAACCR) ^c	1975-87	1.5*	1987-11	0.0									0.0	0.0
Black														
Old (SEER) ^c	1975-11	0.3											0.3	0.3
New (NAACCR) ^c	1975-11	0.3											0.3	0.3
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-89	1.1*	1989-11	-0.3*									-0.3*	-0.3*
New (NAACCR) ^c	1975-89	1.2*	1989-11	-0.3*									-0.3*	-0.3*
White														
Old (SEER) ^c	1975-89	1.3*	1989-11	-0.1									-0.1	-0.1
New (NAACCR) ^c	1975-89	1.3*	1989-11	-0.1									-0.1	-0.1
Black														
Old (SEER) ^c	1975-11	-0.2											-0.2	-0.2
New (NAACCR) ^c	1975-11	-0.1											-0.1	-0.1
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-87	1.5*	1987-11	0.0									0.0	0.0
New (NAACCR) ^c	1975-87	1.5*	1987-11	0.0									0.0	0.0
White														
Old (SEER) ^c	1975-87	1.7*	1987-11	0.1									0.1	0.1
New (NAACCR) ^c	1975-87	1.7*	1987-11	0.1									0.1	0.1
Black														
Old (SEER) ^c	1975-11	0.7*											0.7*	0.7*
New (NAACCR) ^c	1975-11	0.8*											0.8*	0.8*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.32
Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	-0.1							-0.1	-0.1
White										
Old (SEER) ^c	1992-11	0.0							0.0	0.0
New (NAACCR) ^c	1992-11	0.0							0.0	0.0
Black										
Old (SEER) ^c	1992-11	0.2							0.2	0.2
New (NAACCR) ^c	1992-11	0.2							0.2	0.2
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	-0.2*							-0.2*	-0.2*
New (NAACCR) ^c	1992-11	-0.3*							-0.3*	-0.3*
White										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	-0.1							-0.1	-0.1
Black										
Old (SEER) ^c	1992-11	-0.1							-0.1	-0.1
New (NAACCR) ^c	1992-11	-0.1							-0.1	-0.1
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	0.0							0.0	0.0
New (NAACCR) ^c	1992-11	0.0							0.0	0.0
White										
Old (SEER) ^c	1992-11	0.1							0.1	0.1
New (NAACCR) ^c	1992-11	0.1							0.1	0.1
Black										
Old (SEER) ^c	1992-11	0.5							0.5	0.5
New (NAACCR) ^c	1992-11	0.5							0.5	0.5

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.33
Cancer of the Thyroid (Invasive)

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-77	6.2	1977-80	-6.6	1980-97	2.4*	1997-09	6.7*	2009-11	2.0			5.6*	4.3*
New (NAACCR) ^c	1975-77	6.2	1977-80	-6.5	1980-97	2.4*	1997-09	6.7*	2009-11	2.2			5.7*	4.4*
<u>White</u>														
Old (SEER) ^c	1975-77	7.4	1977-80	-6.6	1980-97	2.8*	1997-09	7.1*	2009-11	0.8			5.6*	3.9*
New (NAACCR) ^c	1975-77	7.4	1977-80	-6.6	1980-97	2.7*	1997-09	7.1*	2009-11	1.1			5.7*	4.0*
<u>Black</u>														
Old (SEER) ^c	1975-95	0.8	1995-11	6.3*									6.3*	6.3*
New (NAACCR) ^c	1975-95	0.8	1995-11	6.4*									6.4*	6.4*
<u>Male</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-80	-4.6	1980-97	1.8*	1997-11	5.5*							5.5*	5.5*
New (NAACCR) ^c	1975-80	-4.6	1980-97	1.8*	1997-11	5.6*							5.6*	5.6*
<u>White</u>														
Old (SEER) ^c	1975-77	10.6	1977-80	-9.2	1980-97	2.6*	1997-11	5.6*					5.6*	5.6*
New (NAACCR) ^c	1975-77	10.6	1977-80	-9.1	1980-97	2.5*	1997-11	5.7*					5.7*	5.7*
<u>Black</u>														
Old (SEER) ^c	1975-11	3.0*											3.0*	3.0*
New (NAACCR) ^c	1975-11	3.0*											3.0*	3.0*
<u>Female</u>														
<u>All Races</u>														
Old (SEER) ^c	1975-77	6.4	1977-80	-5.1	1980-93	2.3*	1993-99	4.5*	1999-09	7.1*	2009-11	1.6	5.9*	4.3*
New (NAACCR) ^c	1975-77	6.4	1977-80	-5.1	1980-93	2.2*	1993-99	4.5*	1999-09	7.1*	2009-11	1.8	5.9*	4.5*
<u>White</u>														
Old (SEER) ^c	1975-81	-1.1	1981-93	2.4*	1993-99	5.1*	1999-09	7.5*	2009-11	0.5			5.9*	3.9*
New (NAACCR) ^c	1975-81	-1.1	1981-93	2.4*	1993-99	5.1*	1999-09	7.5*	2009-11	0.7			6.0*	4.0*
<u>Black</u>														
Old (SEER) ^c	1975-93	0.2	1993-11	6.4*									6.4*	6.4*
New (NAACCR) ^c	1975-93	0.2	1993-11	6.4*									6.4*	6.4*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.34
Cancer of the Thyroid (Invasive)

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-98	3.0*	1998-09	6.6*	2009-11	2.3			5.6*	4.4*
New (NAACCR) ^c	1992-98	3.0*	1998-09	6.6*	2009-11	2.5			5.7*	4.5*
White										
Old (SEER) ^c	1992-98	3.6*	1998-09	6.8*	2009-11	1.5			5.6*	4.1*
New (NAACCR) ^c	1992-98	3.6*	1998-09	6.8*	2009-11	1.7			5.7*	4.2*
Black										
Old (SEER) ^c	1992-95	-4.4	1995-11	6.8*					6.8*	6.8*
New (NAACCR) ^c	1992-95	-4.5	1995-11	6.8*					6.8*	6.8*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-95	-3.1	1995-11	5.3*					5.3*	5.3*
New (NAACCR) ^c	1992-96	-1.0	1996-11	5.4*					5.4*	5.4*
White										
Old (SEER) ^c	1992-95	-1.7	1995-11	5.4*					5.4*	5.4*
New (NAACCR) ^c	1992-95	-1.9	1995-11	5.5*					5.5*	5.5*
Black										
Old (SEER) ^c	1992-95	-11.0	1995-11	5.3*					5.3*	5.3*
New (NAACCR) ^c	1992-95	-11.1	1995-11	5.3*					5.3*	5.3*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-99	4.2*	1999-09	6.9*	2009-11	2.2			5.8*	4.5*
New (NAACCR) ^c	1992-99	4.1*	1999-09	6.9*	2009-11	2.3			5.9*	4.6*
White										
Old (SEER) ^c	1992-98	4.4*	1998-09	7.0*	2009-11	1.6			5.8*	4.3*
New (NAACCR) ^c	1992-98	4.4*	1998-09	7.1*	2009-11	1.8			5.9*	4.4*
Black										
Old (SEER) ^c	1992-98	2.9	1998-11	7.6*					7.6*	7.6*
New (NAACCR) ^c	1992-98	2.9	1998-11	7.6*					7.6*	7.6*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.35
Hodgkin Lymphoma

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-03	-0.2	2003-07	2.9	2007-11	-3.4*							-0.3	-3.4*
New (NAACCR) ^c	1975-89	0.3	1989-01	-0.8*	2001-07	2.4*	2007-11	-3.3*					-0.1	-3.3*
White														
Old (SEER) ^c	1975-88	0.7*	1988-01	-0.9*	2001-07	2.3	2007-11	-3.2					-0.2	-3.2
New (NAACCR) ^c	1975-88	0.6*	1988-01	-0.9*	2001-07	2.3	2007-11	-3.1					-0.1	-3.1
Black														
Old (SEER) ^c	1975-11	1.2*											1.2*	1.2*
New (NAACCR) ^c	1975-11	1.2*											1.2*	1.2*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-99	-0.7*	1999-11	0.6									0.6	0.6
New (NAACCR) ^c	1975-99	-0.7*	1999-11	0.6									0.6	0.6
White														
Old (SEER) ^c	1975-89	0.5	1989-92	-5.0	1992-11	0.3							0.3	0.3
New (NAACCR) ^c	1975-89	0.5	1989-92	-5.1	1992-11	0.3							0.3	0.3
Black														
Old (SEER) ^c	1975-11	0.7*											0.7*	0.7*
New (NAACCR) ^c	1975-11	0.6											0.6	0.6
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-11	0.4*											0.4*	0.4*
New (NAACCR) ^c	1975-11	0.3*											0.3*	0.3*
White														
Old (SEER) ^c	1975-11	0.3*											0.3*	0.3*
New (NAACCR) ^c	1975-11	0.3*											0.3*	0.3*
Black														
Old (SEER) ^c	1975-11	2.0*											2.0*	2.0*
New (NAACCR) ^c	1975-11	1.9*											1.9*	1.9*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.36
Hodgkin Lymphoma

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-01	-0.2	2001-07	1.6*	2007-11	-2.6*			-0.3	-2.6*
New (NAACCR) ^c	1992-01	-0.2	2001-07	1.6*	2007-11	-2.5*			-0.3	-2.5*
White										
Old (SEER) ^c	1992-02	-0.1	2002-07	1.9	2007-11	-2.8*			-0.2	-2.8*
New (NAACCR) ^c	1992-02	-0.1	2002-07	1.9	2007-11	-2.8*			-0.2	-2.8*
Black										
Old (SEER) ^c	1992-11	1.1*							1.1*	1.1*
New (NAACCR) ^c	1992-11	1.1*							1.1*	1.1*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	0.3							0.3	0.3
New (NAACCR) ^c	1992-11	0.3							0.3	0.3
White										
Old (SEER) ^c	1992-11	0.2							0.2	0.2
New (NAACCR) ^c	1992-11	0.2							0.2	0.2
Black										
Old (SEER) ^c	1992-11	1.5*							1.5*	1.5*
New (NAACCR) ^c	1992-11	1.5*							1.5*	1.5*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	0.2							0.2	0.2
New (NAACCR) ^c	1992-11	0.1							0.1	0.1
White										
Old (SEER) ^c	1992-11	0.1							0.1	0.1
New (NAACCR) ^c	1992-11	0.1							0.1	0.1
Black										
Old (SEER) ^c	1992-11	0.6							0.6	0.6
New (NAACCR) ^c	1992-11	0.6							0.6	0.6

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.37
Non-Hodgkin Lymphoma

Trends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-91	3.7*	1991-11	0.6*									0.6*	0.6*
New (NAACCR) ^c	1975-91	3.6*	1991-11	0.6*									0.6*	0.6*
White														
Old (SEER) ^c	1975-90	3.8*	1990-07	0.9*	2007-11	-0.7							0.2	-0.7
New (NAACCR) ^c	1975-90	3.8*	1990-07	0.9*	2007-11	-0.7							0.2	-0.7
Black														
Old (SEER) ^c	1975-94	4.5*	1994-11	0.6									0.6	0.6
New (NAACCR) ^c	1975-94	4.5*	1994-11	0.5									0.5	0.5
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-91	4.2*	1991-11	0.4*									0.4*	0.4*
New (NAACCR) ^c	1975-91	4.2*	1991-11	0.5*									0.5*	0.5*
White														
Old (SEER) ^c	1975-90	4.5*	1990-11	0.6*									0.6*	0.6*
New (NAACCR) ^c	1975-90	4.4*	1990-11	0.6*									0.6*	0.6*
Black														
Old (SEER) ^c	1975-94	5.4*	1994-11	-0.1									-0.1	-0.1
New (NAACCR) ^c	1975-94	5.4*	1994-11	-0.2									-0.2	-0.2
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-88	3.0*	1988-04	1.4*	2004-11	-0.6							-0.2	-0.6
New (NAACCR) ^c	1975-88	3.0*	1988-04	1.4*	2004-11	-0.5							-0.1	-0.5
White														
Old (SEER) ^c	1975-88	3.0*	1988-04	1.5*	2004-11	-0.5							-0.1	-0.5
New (NAACCR) ^c	1975-88	3.0*	1988-04	1.5*	2004-11	-0.6							-0.1	-0.6
Black														
Old (SEER) ^c	1975-04	3.0*	2004-11	-0.7									0.1	-0.7
New (NAACCR) ^c	1975-04	2.9*	2004-11	-0.9									0.0	-0.9

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.38
Non-Hodgkin Lymphoma

Trends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	0.4*							0.4*	0.4*
New (NAACCR) ^c	1992-11	0.5*							0.5*	0.5*
White										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-11	0.6*							0.6*	0.6*
Black										
Old (SEER) ^c	1992-11	0.8*							0.8*	0.8*
New (NAACCR) ^c	1992-11	0.7*							0.7*	0.7*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-11	0.3*							0.3*	0.3*
New (NAACCR) ^c	1992-11	0.3*							0.3*	0.3*
White										
Old (SEER) ^c	1992-11	0.4*							0.4*	0.4*
New (NAACCR) ^c	1992-11	0.4*							0.4*	0.4*
Black										
Old (SEER) ^c	1992-11	0.1							0.1	0.1
New (NAACCR) ^c	1992-11	0.0							0.0	0.0
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-04	1.3*	2004-11	-0.5					-0.1	-0.5
New (NAACCR) ^c	1992-04	1.3*	2004-11	-0.4					0.0	-0.4
White										
Old (SEER) ^c	1992-04	1.4*	2004-11	-0.4					0.0	-0.4
New (NAACCR) ^c	1992-04	1.4*	2004-11	-0.3					0.0	-0.3
Black										
Old (SEER) ^c	1992-98	5.5*	1998-11	0.7					0.7	0.7
New (NAACCR) ^c	1992-98	5.5*	1998-11	0.6					0.6	0.6

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.39
MyelomaTrends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-07	0.7*	2007-11	3.9*									2.1*	3.9*
New (NAACCR) ^c	1975-91	1.2*	1991-07	0.4*	2007-11	4.7*							2.3*	4.7*
White														
Old (SEER) ^c	1975-11	0.9*											0.9*	0.9*
New (NAACCR) ^c	1975-09	0.8*	2009-11	6.8									2.1	3.8
Black														
Old (SEER) ^c	1975-96	1.3*	1996-02	-1.9	2002-11	3.4*							3.4*	3.4*
New (NAACCR) ^c	1975-96	1.3*	1996-02	-1.9	2002-11	3.3*							3.3*	3.3*
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-06	0.8*	2006-11	2.9*									1.9*	2.9*
New (NAACCR) ^c	1975-07	0.8*	2007-11	3.4*									2.0*	3.4*
White														
Old (SEER) ^c	1975-11	1.0*											1.0*	1.0*
New (NAACCR) ^c	1975-11	0.9*											0.9*	0.9*
Black														
Old (SEER) ^c	1975-11	0.9*											0.9*	0.9*
New (NAACCR) ^c	1975-11	0.8*											0.8*	0.8*
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-07	0.6*	2007-11	3.9*									2.1*	3.9*
New (NAACCR) ^c	1975-07	0.6*	2007-11	4.1*									2.2*	4.1*
White														
Old (SEER) ^c	1975-11	0.6*											0.6*	0.6*
New (NAACCR) ^c	1975-11	0.6*											0.6*	0.6*
Black														
Old (SEER) ^c	1975-11	1.1*											1.1*	1.1*
New (NAACCR) ^c	1975-11	1.1*											1.1*	1.1*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.40
MyelomaTrends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-07	0.4*	2007-11	3.8*					1.9*	3.8*
New (NAACCR) ^c	1992-07	0.3*	2007-11	4.0*					2.0*	4.0*
White										
Old (SEER) ^c	1992-07	0.4*	2007-11	3.6*					1.9*	3.6*
New (NAACCR) ^c	1992-08	0.5*	2008-11	5.0*					2.0*	3.9*
Black										
Old (SEER) ^c	1992-01	-0.6	2001-11	2.3*					2.3*	2.3*
New (NAACCR) ^c	1992-01	-0.6	2001-11	2.2*					2.2*	2.2*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-06	0.4*	2006-11	3.0*					1.9*	3.0*
New (NAACCR) ^c	1992-06	0.3	2006-11	3.2*					1.9*	3.2*
White										
Old (SEER) ^c	1992-11	1.0*							1.0*	1.0*
New (NAACCR) ^c	1992-11	0.9*							0.9*	0.9*
Black										
Old (SEER) ^c	1992-11	1.3*							1.3*	1.3*
New (NAACCR) ^c	1992-11	1.2*							1.2*	1.2*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-07	0.1	2007-11	3.9*					1.8*	3.9*
New (NAACCR) ^c	1992-07	0.1	2007-11	4.1*					1.9*	4.1*
White										
Old (SEER) ^c	1992-07	0.1	2007-11	4.0*					1.8*	4.0*
New (NAACCR) ^c	1992-07	0.0	2007-11	4.2*					1.9*	4.2*
Black										
Old (SEER) ^c	1992-11	0.8*							0.8*	0.8*
New (NAACCR) ^c	1992-11	0.7*							0.7*	0.7*

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.41
LeukemiaTrends in SEER 9 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>														
All Races														
Old (SEER) ^c	1975-98	0.2	1998-11	0.9*									0.9*	0.9*
New (NAACCR) ^c	1975-07	0.3*	2007-11	2.9*									1.4*	2.9*
White														
Old (SEER) ^c	1975-97	0.3*	1997-11	1.0*									1.0*	1.0*
New (NAACCR) ^c	1975-98	0.3*	1998-11	1.0*									1.0*	1.0*
Black														
Old (SEER) ^c	1975-11	0.2											0.2	0.2
New (NAACCR) ^c	1975-11	0.2											0.2	0.2
<u>Male</u>														
All Races														
Old (SEER) ^c	1975-09	0.2*	2009-11	4.9									1.2	2.5
New (NAACCR) ^c	1975-07	0.2*	2007-11	3.0*									1.4*	3.0*
White														
Old (SEER) ^c	1975-96	0.1	1996-11	0.8*									0.8*	0.8*
New (NAACCR) ^c	1975-98	0.1	1998-11	0.9*									0.9*	0.9*
Black														
Old (SEER) ^c	1975-11	0.2											0.2	0.2
New (NAACCR) ^c	1975-11	0.3											0.3	0.3
<u>Female</u>														
All Races														
Old (SEER) ^c	1975-11	0.4*											0.4*	0.4*
New (NAACCR) ^c	1975-99	0.2	1999-11	1.0*									1.0*	1.0*
White														
Old (SEER) ^c	1975-11	0.6*											0.6*	0.6*
New (NAACCR) ^c	1975-11	0.5*											0.5*	0.5*
Black														
Old (SEER) ^c	1975-11	0.1											0.1	0.1
New (NAACCR) ^c	1975-11	0.2											0.2	0.2

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER9 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.

Table 35.42
LeukemiaTrends in SEER 13 Delay-Adjusted Incidence^a Using the Joinpoint Regression Program,
1992-2011 With up to Three Joinpoints

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		AAPC ^b	
	Years	APC	Years	APC	Years	APC	Years	APC	2002-11	2007-11
<u>Both Sexes</u>										
All Races										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-07	0.4*	2007-11	2.4*					1.3*	2.4*
White										
Old (SEER) ^c	1992-11	0.8*							0.8*	0.8*
New (NAACCR) ^c	1992-11	0.8*							0.8*	0.8*
Black										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-11	0.6*							0.6*	0.6*
<u>Male</u>										
All Races										
Old (SEER) ^c	1992-06	0.2	2006-11	1.6*					0.9*	1.6*
New (NAACCR) ^c	1992-06	0.2	2006-11	2.2*					1.3*	2.2*
White										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-06	0.3	2006-11	2.1*					1.3*	2.1*
Black										
Old (SEER) ^c	1992-11	0.7*							0.7*	0.7*
New (NAACCR) ^c	1992-11	0.8*							0.8*	0.8*
<u>Female</u>										
All Races										
Old (SEER) ^c	1992-11	0.6*							0.6*	0.6*
New (NAACCR) ^c	1992-11	0.7*							0.7*	0.7*
White										
Old (SEER) ^c	1992-11	0.9*							0.9*	0.9*
New (NAACCR) ^c	1992-11	0.8*							0.8*	0.8*
Black										
Old (SEER) ^c	1992-11	0.5							0.5	0.5
New (NAACCR) ^c	1992-11	0.5							0.5	0.5

^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^c Old (SEER) represents the previous method for estimating delay adjusted rates in the SEER13 registry group only. New (NAACCR) represents the new unified method for estimating delay adjusted rates across all NAACCR registries (implemented with the November 2014 SEER data submission). For more details, see <http://surveillance.cancer.gov/delay/>

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.