

Table 2.4
All Cancer Sites (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|--------|---------|--------|--------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 400.44 | 466.85 | 365.86 | 402.12 | 468.61 | 369.55 | 426.53 | 525.51 | 356.64 |
| 1976 | 407.40 | 481.12 | 367.43 | 409.72 | 481.86 | 373.16 | 427.31 | 552.85 | 340.41 |
| 1977 | 407.77 | 486.55 | 363.72 | 409.34 | 487.20 | 367.90 | 442.64 | 577.58 | 352.06 |
| 1978 | 407.33 | 488.39 | 362.23 | 409.84 | 489.80 | 368.00 | 436.29 | 570.52 | 343.84 |
| 1979 | 412.55 | 496.47 | 365.61 | 414.17 | 497.64 | 369.77 | 451.71 | 589.96 | 359.29 |
| 1980 | 418.06 | 505.82 | 368.10 | 419.48 | 505.21 | 373.36 | 467.54 | 615.22 | 366.55 |
| 1981 | 425.30 | 510.88 | 377.15 | 427.73 | 510.90 | 383.94 | 472.74 | 633.91 | 362.94 |
| 1982 | 424.53 | 511.13 | 376.24 | 427.86 | 512.56 | 383.53 | 465.18 | 621.92 | 359.40 |
| 1983 | 431.24 | 520.06 | 380.83 | 434.46 | 521.08 | 388.02 | 487.02 | 646.06 | 381.95 |
| 1984 | 440.15 | 525.62 | 392.60 | 443.81 | 527.89 | 399.70 | 488.27 | 643.76 | 386.27 |
| 1985 | 449.06 | 531.48 | 403.34 | 453.66 | 533.79 | 411.65 | 489.19 | 643.76 | 388.35 |
| 1986 | 451.59 | 538.45 | 402.51 | 456.20 | 543.11 | 409.32 | 493.97 | 644.17 | 396.59 |
| 1987 | 468.23 | 563.45 | 413.44 | 475.06 | 569.04 | 423.44 | 501.28 | 666.55 | 394.30 |
| 1988 | 464.03 | 558.61 | 409.39 | 470.47 | 565.32 | 418.00 | 504.07 | 657.88 | 404.40 |
| 1989 | 468.04 | 567.41 | 408.56 | 475.43 | 573.91 | 418.81 | 492.86 | 661.84 | 384.62 |
| 1990 | 482.27 | 593.05 | 415.80 | 489.21 | 599.67 | 425.11 | 522.03 | 700.12 | 409.02 |
| 1991 | 503.38 | 637.86 | 419.23 | 510.88 | 645.00 | 428.84 | 549.32 | 765.32 | 412.74 |
| 1992 | 510.96 | 658.65 | 415.13 | 517.22 | 663.94 | 423.79 | 569.21 | 809.35 | 413.75 |
| 1993 | 493.80 | 622.60 | 408.65 | 497.41 | 620.82 | 417.45 | 568.74 | 818.85 | 404.39 |
| 1994 | 483.93 | 590.22 | 413.92 | 487.92 | 588.15 | 423.53 | 558.61 | 784.46 | 409.49 |
| 1995 | 477.41 | 572.22 | 415.26 | 482.78 | 570.92 | 426.66 | 543.37 | 749.57 | 405.26 |
| 1996 | 479.70 | 573.20 | 418.53 | 485.55 | 574.81 | 428.70 | 541.30 | 727.86 | 417.76 |
| 1997 | 486.98 | 576.29 | 428.87 | 494.43 | 577.51 | 441.89 | 541.50 | 741.65 | 410.90 |
| 1998 | 488.85 | 573.54 | 434.36 | 497.83 | 577.71 | 447.79 | 536.93 | 724.14 | 416.39 |
| 1999 | 491.21 | 581.48 | 431.20 | 499.82 | 584.22 | 444.71 | 541.73 | 724.89 | 421.59 |
| 2000 | 486.96 | 581.00 | 422.75 | 497.96 | 585.71 | 439.08 | 528.68 | 714.24 | 404.60 |
| 2001 | 490.69 | 582.21 | 427.73 | 502.67 | 589.51 | 443.78 | 522.17 | 700.58 | 401.99 |
| 2002 | 488.59 | 575.81 | 428.91 | 499.80 | 583.76 | 442.76 | 536.88 | 701.23 | 427.26 |
| 2003 | 476.45 | 561.28 | 418.20 | 488.44 | 567.92 | 434.46 | 521.84 | 683.61 | 414.23 |
| 2004 | 477.66 | 559.52 | 421.03 | 489.40 | 567.10 | 435.81 | 527.29 | 687.63 | 421.78 |
| 2005 | 473.67 | 550.42 | 420.45 | 487.46 | 561.35 | 436.60 | 510.93 | 644.94 | 422.25 |
| 2006 | 477.26 | 557.25 | 420.22 | 490.96 | 567.01 | 436.89 | 511.46 | 647.75 | 418.29 |
| 2007 | 483.45 | 568.54 | 421.98 | 496.54 | 577.11 | 438.53 | 521.04 | 671.02 | 418.12 |
| 2008 | 477.19 | 549.89 | 425.48 | 489.79 | 557.63 | 441.83 | 521.55 | 668.95 | 421.59 |
| 2009 | 475.93 | 540.74 | 430.05 | 487.38 | 548.00 | 444.64 | 512.50 | 641.84 | 424.92 |
| 2010 | 467.64 | 530.91 | 422.31 | 479.58 | 537.84 | 438.21 | 497.52 | 620.42 | 412.71 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 2.5
All Cancer Sites (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|--------|---------|--------|--------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 464.56 | 553.17 | 407.65 | 470.43 | 555.86 | 417.20 | 508.16 | 672.16 | 399.24 |
| 1975 | 400.44 | 466.85 | 365.86 | 402.12 | 468.61 | 369.55 | 426.53 | 525.51 | 356.64 |
| 1976 | 407.40 | 481.12 | 367.43 | 409.72 | 481.86 | 373.16 | 427.31 | 552.85 | 340.41 |
| 1977 | 407.77 | 486.55 | 363.72 | 409.34 | 487.20 | 367.90 | 442.64 | 577.58 | 352.06 |
| 1978 | 407.33 | 488.39 | 362.23 | 409.84 | 489.80 | 368.00 | 436.29 | 570.52 | 343.84 |
| 1979 | 412.55 | 496.47 | 365.61 | 414.17 | 497.64 | 369.77 | 451.71 | 589.96 | 359.29 |
| 1980 | 418.06 | 505.82 | 368.10 | 419.48 | 505.21 | 373.36 | 467.54 | 615.22 | 366.55 |
| 1981 | 425.30 | 510.88 | 377.15 | 427.73 | 510.90 | 383.94 | 472.74 | 633.91 | 362.94 |
| 1982 | 424.51 | 511.10 | 376.22 | 427.84 | 512.53 | 383.51 | 465.14 | 621.86 | 359.38 |
| 1983 | 431.18 | 520.00 | 380.79 | 434.42 | 521.02 | 387.98 | 486.95 | 645.95 | 381.89 |
| 1984 | 440.06 | 525.52 | 392.53 | 443.73 | 527.79 | 399.64 | 488.15 | 643.59 | 386.18 |
| 1985 | 448.95 | 531.34 | 403.24 | 453.56 | 533.67 | 411.57 | 489.03 | 643.53 | 388.23 |
| 1986 | 451.44 | 538.27 | 402.38 | 456.07 | 542.94 | 409.21 | 493.75 | 643.87 | 396.43 |
| 1987 | 468.05 | 563.22 | 413.29 | 474.88 | 568.82 | 423.30 | 501.00 | 666.16 | 394.10 |
| 1988 | 463.81 | 558.35 | 409.21 | 470.26 | 565.05 | 417.82 | 503.73 | 657.40 | 404.15 |
| 1989 | 467.79 | 567.10 | 408.34 | 475.17 | 573.58 | 418.60 | 492.46 | 661.26 | 384.33 |
| 1990 | 481.97 | 592.68 | 415.55 | 488.88 | 599.24 | 424.85 | 521.51 | 699.38 | 408.65 |
| 1991 | 503.03 | 637.40 | 418.94 | 510.49 | 644.48 | 428.54 | 548.71 | 764.40 | 412.31 |
| 1992 | 510.56 | 658.12 | 414.82 | 516.76 | 663.30 | 423.44 | 568.46 | 808.22 | 413.25 |
| 1993 | 493.37 | 622.04 | 408.30 | 496.89 | 620.13 | 417.05 | 567.86 | 817.52 | 403.82 |
| 1994 | 483.46 | 589.63 | 413.52 | 487.33 | 587.37 | 423.05 | 557.61 | 782.98 | 408.81 |
| 1995 | 476.90 | 571.59 | 414.82 | 482.09 | 570.05 | 426.09 | 542.24 | 747.92 | 404.48 |
| 1996 | 479.13 | 572.50 | 418.05 | 484.73 | 573.78 | 428.03 | 540.00 | 726.00 | 416.83 |
| 1997 | 486.35 | 575.53 | 428.33 | 493.45 | 576.29 | 441.08 | 539.99 | 739.45 | 409.83 |
| 1998 | 488.19 | 572.75 | 433.78 | 496.76 | 576.39 | 446.89 | 535.30 | 721.81 | 415.21 |
| 1999 | 490.38 | 580.47 | 430.49 | 498.38 | 582.43 | 443.51 | 539.56 | 721.82 | 420.01 |
| 2000 | 486.04 | 579.89 | 421.98 | 496.27 | 583.60 | 437.68 | 526.20 | 710.72 | 402.82 |
| 2001 | 489.68 | 580.98 | 426.86 | 500.65 | 587.01 | 442.11 | 519.31 | 696.54 | 399.92 |
| 2002 | 487.48 | 574.46 | 427.95 | 497.43 | 580.83 | 440.79 | 533.43 | 696.50 | 424.68 |
| 2003 | 475.18 | 559.75 | 417.11 | 485.69 | 564.54 | 432.15 | 517.90 | 678.19 | 411.28 |
| 2004 | 476.14 | 557.70 | 419.72 | 486.11 | 563.09 | 433.05 | 522.60 | 681.22 | 418.23 |
| 2005 | 471.86 | 548.27 | 418.88 | 483.55 | 556.61 | 433.29 | 505.56 | 637.84 | 418.04 |
| 2006 | 475.02 | 554.58 | 418.29 | 486.24 | 561.28 | 432.91 | 505.08 | 639.30 | 413.34 |
| 2007 | 480.55 | 565.07 | 419.50 | 490.79 | 570.11 | 433.71 | 513.30 | 660.63 | 412.22 |
| 2008 | 473.43 | 545.48 | 422.19 | 482.94 | 549.48 | 435.95 | 512.31 | 656.60 | 414.46 |
| 2009 | 470.46 | 534.42 | 425.19 | 479.12 | 538.31 | 437.45 | 501.62 | 627.67 | 416.29 |
| 2010 | 457.54 | 519.27 | 413.32 | 465.44 | 521.40 | 425.80 | 479.73 | 597.48 | 398.51 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 2.6
All Cancer Sites (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|--------|---------|--------|--------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 199.81 | 253.90 | 164.58 | 197.20 | 248.85 | 163.68 | 247.86 | 341.01 | 189.91 |
| 1975 | 199.14 | 258.43 | 160.03 | 196.33 | 254.00 | 158.99 | 235.50 | 320.45 | 174.17 |
| 1976 | 202.30 | 262.23 | 162.70 | 199.38 | 257.50 | 161.69 | 241.76 | 328.45 | 179.10 |
| 1977 | 203.02 | 264.23 | 162.94 | 199.67 | 258.78 | 161.61 | 246.38 | 337.95 | 181.60 |
| 1978 | 204.42 | 267.07 | 163.76 | 201.14 | 261.65 | 162.54 | 247.24 | 340.91 | 181.53 |
| 1979 | 204.53 | 268.65 | 163.06 | 201.20 | 263.24 | 161.70 | 248.98 | 344.67 | 182.73 |
| 1980 | 206.96 | 271.08 | 165.75 | 203.27 | 265.03 | 164.17 | 256.18 | 353.91 | 189.25 |
| 1981 | 206.40 | 269.78 | 165.90 | 202.64 | 263.27 | 164.55 | 256.77 | 358.65 | 187.47 |
| 1982 | 208.32 | 272.89 | 167.45 | 204.54 | 266.28 | 166.11 | 260.36 | 364.86 | 190.17 |
| 1983 | 209.21 | 274.09 | 168.27 | 205.17 | 267.22 | 166.69 | 263.75 | 369.32 | 193.24 |
| 1984 | 210.91 | 275.08 | 170.55 | 206.66 | 267.55 | 169.02 | 268.15 | 377.93 | 195.67 |
| 1985 | 211.35 | 275.68 | 170.96 | 207.25 | 268.25 | 169.58 | 268.06 | 377.82 | 196.31 |
| 1986 | 211.79 | 276.04 | 171.59 | 207.73 | 268.83 | 170.01 | 269.45 | 378.92 | 199.05 |
| 1987 | 211.91 | 276.34 | 171.54 | 207.78 | 268.96 | 169.87 | 271.12 | 383.24 | 199.91 |
| 1988 | 212.62 | 276.89 | 172.53 | 208.48 | 269.46 | 170.94 | 271.59 | 384.17 | 200.36 |
| 1989 | 214.30 | 278.50 | 174.25 | 209.96 | 270.25 | 172.88 | 275.87 | 395.28 | 200.87 |
| 1990 | 214.95 | 279.82 | 174.65 | 210.41 | 271.48 | 172.89 | 279.30 | 399.14 | 205.39 |
| 1991 | 215.06 | 279.15 | 175.30 | 210.62 | 271.19 | 173.41 | 278.97 | 395.85 | 207.39 |
| 1992 | 213.46 | 276.51 | 174.39 | 209.24 | 268.91 | 172.58 | 274.93 | 389.20 | 205.80 |
| 1993 | 213.45 | 275.89 | 174.55 | 209.16 | 267.89 | 172.82 | 277.09 | 394.76 | 206.29 |
| 1994 | 211.74 | 272.12 | 174.11 | 207.83 | 264.73 | 172.62 | 271.96 | 385.20 | 204.06 |
| 1995 | 209.89 | 268.50 | 173.35 | 206.09 | 261.46 | 171.73 | 269.51 | 379.02 | 204.53 |
| 1996 | 207.00 | 263.75 | 171.21 | 203.40 | 256.83 | 169.85 | 265.28 | 373.70 | 200.94 |
| 1997 | 203.55 | 258.13 | 169.00 | 199.94 | 251.58 | 167.35 | 262.14 | 363.18 | 202.53 |
| 1998 | 200.82 | 253.63 | 166.93 | 197.56 | 247.62 | 165.38 | 255.66 | 353.13 | 198.38 |
| 1999 | 200.72 | 252.75 | 167.24 | 197.75 | 247.14 | 165.92 | 253.80 | 349.23 | 197.54 |
| 2000 | 198.79 | 248.46 | 166.70 | 196.37 | 243.37 | 165.98 | 248.07 | 341.20 | 193.21 |
| 2001 | 196.29 | 245.05 | 164.61 | 193.98 | 240.31 | 163.75 | 244.34 | 334.14 | 192.12 |
| 2002 | 194.36 | 241.63 | 163.38 | 192.38 | 237.62 | 162.56 | 240.81 | 325.80 | 191.45 |
| 2003 | 190.89 | 235.81 | 161.16 | 189.10 | 232.16 | 160.40 | 235.16 | 314.60 | 188.76 |
| 2004 | 186.84 | 230.27 | 157.92 | 185.21 | 226.60 | 157.41 | 228.98 | 307.30 | 183.51 |
| 2005 | 185.23 | 228.09 | 156.46 | 183.87 | 224.94 | 156.04 | 224.83 | 300.33 | 180.94 |
| 2006 | 182.03 | 222.56 | 154.63 | 181.10 | 220.02 | 154.52 | 218.93 | 290.16 | 177.31 |
| 2007 | 179.26 | 219.33 | 152.00 | 178.30 | 216.64 | 151.91 | 216.23 | 286.57 | 175.47 |
| 2008 | 176.32 | 215.34 | 149.27 | 175.69 | 213.21 | 149.37 | 209.37 | 275.26 | 170.41 |
| 2009 | 173.40 | 211.17 | 147.12 | 173.03 | 209.33 | 147.48 | 205.39 | 268.91 | 167.41 |
| 2010 | 171.76 | 208.79 | 145.75 | 171.36 | 207.13 | 145.86 | 202.95 | 264.38 | 166.26 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 3.4
Cancer of the Brain and Other Nervous System (Invasive)
Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 5.85 | 6.84 | 5.01 | 6.21 | 7.31 | 5.28 | 4.14 | 4.31 | 3.88 |
| 1976 | 5.82 | 7.14 | 4.68 | 6.19 | 7.51 | 5.05 | 3.32 | 5.37 | - |
| 1977 | 6.17 | 7.76 | 4.89 | 6.60 | 8.26 | 5.27 | 3.55 | 5.17 | 2.47 |
| 1978 | 5.76 | 6.79 | 4.91 | 6.10 | 7.19 | 5.19 | 3.86 | 4.34 | 3.51 |
| 1979 | 6.12 | 7.42 | 5.01 | 6.60 | 8.03 | 5.37 | 3.69 | 4.19 | 3.23 |
| 1980 | 6.30 | 7.58 | 5.24 | 6.81 | 8.20 | 5.65 | 3.14 | 3.35 | 2.92 |
| 1981 | 6.51 | 8.07 | 5.19 | 6.90 | 8.45 | 5.62 | 5.02 | 7.24 | 3.16 |
| 1982 | 6.43 | 7.93 | 5.25 | 6.92 | 8.58 | 5.64 | 3.71 | 4.40 | 3.05 |
| 1983 | 6.31 | 7.60 | 5.19 | 6.88 | 8.20 | 5.74 | 2.75 | 3.79 | 1.84 |
| 1984 | 6.13 | 7.19 | 5.22 | 6.50 | 7.65 | 5.51 | 4.53 | 5.34 | 3.88 |
| 1985 | 6.95 | 8.54 | 5.64 | 7.44 | 9.11 | 6.06 | 4.88 | 5.62 | 4.18 |
| 1986 | 6.86 | 8.08 | 5.82 | 7.38 | 8.63 | 6.33 | 4.13 | 4.75 | 3.54 |
| 1987 | 7.00 | 8.14 | 6.05 | 7.61 | 8.74 | 6.68 | 4.18 | 5.50 | 3.13 |
| 1988 | 6.83 | 7.89 | 5.92 | 7.40 | 8.58 | 6.38 | 4.45 | 4.48 | 4.38 |
| 1989 | 6.87 | 8.51 | 5.46 | 7.44 | 9.24 | 5.91 | 4.91 | 5.93 | 4.12 |
| 1990 | 7.05 | 8.11 | 6.17 | 7.60 | 8.77 | 6.64 | 4.33 | 5.19 | 3.64 |
| 1991 | 6.97 | 8.58 | 5.65 | 7.63 | 9.30 | 6.25 | 3.66 | 4.51 | 3.10 |
| 1992 | 6.98 | 8.66 | 5.62 | 7.64 | 9.47 | 6.17 | 3.62 | 4.01 | 3.28 |
| 1993 | 6.77 | 8.07 | 5.69 | 7.39 | 8.89 | 6.16 | 3.94 | 3.98 | 3.81 |
| 1994 | 6.62 | 7.98 | 5.44 | 7.13 | 8.56 | 5.91 | 4.25 | 4.53 | 3.98 |
| 1995 | 6.50 | 7.97 | 5.31 | 7.06 | 8.61 | 5.80 | 4.03 | 5.15 | 3.16 |
| 1996 | 6.69 | 8.24 | 5.36 | 7.30 | 8.99 | 5.81 | 4.02 | 5.10 | 3.38 |
| 1997 | 6.77 | 8.10 | 5.64 | 7.44 | 8.90 | 6.17 | 4.04 | 5.31 | 3.13 |
| 1998 | 6.64 | 7.74 | 5.73 | 7.27 | 8.45 | 6.28 | 4.19 | 4.32 | 4.09 |
| 1999 | 6.93 | 8.37 | 5.70 | 7.73 | 9.25 | 6.42 | 3.66 | 5.02 | 2.57 |
| 2000 | 6.82 | 8.24 | 5.67 | 7.53 | 9.11 | 6.22 | 4.44 | 5.42 | 3.71 |
| 2001 | 6.65 | 8.00 | 5.54 | 7.32 | 8.67 | 6.17 | 4.13 | 5.29 | 3.35 |
| 2002 | 6.77 | 8.11 | 5.67 | 7.53 | 8.96 | 6.35 | 4.27 | 5.47 | 3.44 |
| 2003 | 6.69 | 7.67 | 5.86 | 7.29 | 8.39 | 6.35 | 4.70 | 4.44 | 4.75 |
| 2004 | 6.86 | 8.00 | 5.82 | 7.69 | 8.92 | 6.55 | 4.11 | 4.56 | 3.59 |
| 2005 | 6.79 | 7.83 | 5.89 | 7.53 | 8.77 | 6.45 | 4.51 | 4.97 | 4.10 |
| 2006 | 6.46 | 7.83 | 5.29 | 7.23 | 8.80 | 5.83 | 3.73 | 4.17 | 3.50 |
| 2007 | 6.66 | 7.83 | 5.62 | 7.40 | 8.83 | 6.12 | 4.62 | 4.76 | 4.48 |
| 2008 | 6.74 | 7.99 | 5.73 | 7.63 | 8.90 | 6.57 | 3.65 | 4.53 | 3.04 |
| 2009 | 6.81 | 7.94 | 5.83 | 7.54 | 8.93 | 6.29 | 4.75 | 4.38 | 4.94 |
| 2010 | 6.62 | 7.62 | 5.73 | 7.36 | 8.42 | 6.37 | 4.22 | 4.38 | 4.08 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 3.5
Cancer of the Brain and Other Nervous System (Invasive)
Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 6.61 | 7.90 | 5.52 | 7.21 | 8.61 | 6.02 | 4.09 | 4.77 | 3.54 |
| 1975 | 5.85 | 6.84 | 5.01 | 6.21 | 7.31 | 5.28 | 4.14 | 4.31 | 3.88 |
| 1976 | 5.82 | 7.14 | 4.68 | 6.19 | 7.51 | 5.05 | 3.32 | 5.37 | - |
| 1977 | 6.17 | 7.76 | 4.89 | 6.60 | 8.26 | 5.27 | 3.55 | 5.17 | 2.47 |
| 1978 | 5.76 | 6.79 | 4.91 | 6.10 | 7.19 | 5.19 | 3.86 | 4.34 | 3.51 |
| 1979 | 6.12 | 7.42 | 5.01 | 6.60 | 8.03 | 5.37 | 3.69 | 4.19 | 3.23 |
| 1980 | 6.30 | 7.58 | 5.24 | 6.81 | 8.20 | 5.65 | 3.14 | 3.35 | 2.92 |
| 1981 | 6.51 | 8.07 | 5.19 | 6.90 | 8.45 | 5.62 | 5.02 | 7.24 | 3.16 |
| 1982 | 6.43 | 7.93 | 5.25 | 6.92 | 8.58 | 5.64 | 3.71 | 4.40 | 3.05 |
| 1983 | 6.31 | 7.60 | 5.19 | 6.88 | 8.20 | 5.74 | 2.75 | 3.79 | 1.84 |
| 1984 | 6.13 | 7.19 | 5.22 | 6.50 | 7.65 | 5.51 | 4.53 | 5.34 | 3.88 |
| 1985 | 6.95 | 8.54 | 5.64 | 7.43 | 9.11 | 6.05 | 4.88 | 5.62 | 4.18 |
| 1986 | 6.86 | 8.08 | 5.82 | 7.38 | 8.63 | 6.33 | 4.13 | 4.75 | 3.54 |
| 1987 | 7.00 | 8.14 | 6.04 | 7.61 | 8.73 | 6.68 | 4.18 | 5.49 | 3.13 |
| 1988 | 6.83 | 7.89 | 5.92 | 7.39 | 8.58 | 6.38 | 4.45 | 4.48 | 4.38 |
| 1989 | 6.86 | 8.51 | 5.46 | 7.44 | 9.24 | 5.91 | 4.90 | 5.93 | 4.12 |
| 1990 | 7.05 | 8.11 | 6.17 | 7.59 | 8.76 | 6.63 | 4.33 | 5.18 | 3.64 |
| 1991 | 6.96 | 8.58 | 5.65 | 7.62 | 9.30 | 6.24 | 3.66 | 4.51 | 3.09 |
| 1992 | 6.97 | 8.66 | 5.61 | 7.63 | 9.46 | 6.16 | 3.61 | 4.01 | 3.28 |
| 1993 | 6.77 | 8.07 | 5.68 | 7.38 | 8.88 | 6.15 | 3.93 | 3.97 | 3.80 |
| 1994 | 6.62 | 7.98 | 5.43 | 7.12 | 8.55 | 5.90 | 4.24 | 4.52 | 3.97 |
| 1995 | 6.49 | 7.96 | 5.30 | 7.05 | 8.59 | 5.78 | 4.03 | 5.15 | 3.15 |
| 1996 | 6.68 | 8.23 | 5.35 | 7.28 | 8.98 | 5.79 | 4.02 | 5.09 | 3.37 |
| 1997 | 6.76 | 8.09 | 5.62 | 7.42 | 8.88 | 6.16 | 4.03 | 5.30 | 3.12 |
| 1998 | 6.63 | 7.73 | 5.71 | 7.25 | 8.43 | 6.26 | 4.18 | 4.31 | 4.08 |
| 1999 | 6.91 | 8.35 | 5.69 | 7.70 | 9.23 | 6.39 | 3.65 | 5.00 | 2.56 |
| 2000 | 6.80 | 8.22 | 5.65 | 7.50 | 9.09 | 6.19 | 4.43 | 5.40 | 3.69 |
| 2001 | 6.62 | 7.97 | 5.51 | 7.28 | 8.64 | 6.14 | 4.11 | 5.27 | 3.33 |
| 2002 | 6.74 | 8.08 | 5.64 | 7.49 | 8.92 | 6.31 | 4.25 | 5.45 | 3.41 |
| 2003 | 6.65 | 7.63 | 5.82 | 7.25 | 8.35 | 6.31 | 4.67 | 4.41 | 4.71 |
| 2004 | 6.81 | 7.96 | 5.77 | 7.63 | 8.87 | 6.49 | 4.08 | 4.53 | 3.56 |
| 2005 | 6.73 | 7.78 | 5.84 | 7.47 | 8.70 | 6.39 | 4.47 | 4.93 | 4.06 |
| 2006 | 6.40 | 7.77 | 5.23 | 7.16 | 8.72 | 5.76 | 3.69 | 4.14 | 3.46 |
| 2007 | 6.58 | 7.75 | 5.55 | 7.31 | 8.73 | 6.03 | 4.56 | 4.71 | 4.41 |
| 2008 | 6.65 | 7.89 | 5.63 | 7.51 | 8.78 | 6.45 | 3.59 | 4.47 | 2.98 |
| 2009 | 6.69 | 7.82 | 5.71 | 7.40 | 8.79 | 6.16 | 4.65 | 4.31 | 4.84 |
| 2010 | 6.42 | 7.41 | 5.53 | 7.12 | 8.17 | 6.14 | 4.08 | 4.24 | 3.93 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 3.6
Cancer of the Brain and Other Nervous System (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.52 | 5.53 | 3.71 | 4.83 | 5.89 | 3.97 | 2.64 | 3.24 | 2.18 |
| 1975 | 4.11 | 4.96 | 3.40 | 4.32 | 5.20 | 3.60 | 2.41 | 3.20 | 1.75 |
| 1976 | 4.34 | 5.28 | 3.56 | 4.54 | 5.50 | 3.74 | 2.66 | 3.54 | 1.98 |
| 1977 | 4.40 | 5.39 | 3.59 | 4.63 | 5.69 | 3.77 | 2.54 | 2.99 | 2.18 |
| 1978 | 4.53 | 5.54 | 3.71 | 4.76 | 5.82 | 3.91 | 2.70 | 3.36 | 2.18 |
| 1979 | 4.26 | 5.25 | 3.45 | 4.48 | 5.50 | 3.64 | 2.63 | 3.30 | 2.11 |
| 1980 | 4.37 | 5.45 | 3.47 | 4.62 | 5.77 | 3.66 | 2.46 | 3.04 | 2.02 |
| 1981 | 4.36 | 5.33 | 3.59 | 4.60 | 5.58 | 3.80 | 2.55 | 3.31 | 1.98 |
| 1982 | 4.43 | 5.38 | 3.67 | 4.67 | 5.67 | 3.88 | 2.64 | 3.37 | 2.09 |
| 1983 | 4.39 | 5.31 | 3.64 | 4.66 | 5.64 | 3.85 | 2.49 | 2.91 | 2.18 |
| 1984 | 4.55 | 5.57 | 3.74 | 4.82 | 5.86 | 4.00 | 2.56 | 3.35 | 1.94 |
| 1985 | 4.57 | 5.60 | 3.75 | 4.85 | 5.92 | 3.99 | 2.54 | 3.22 | 2.02 |
| 1986 | 4.53 | 5.59 | 3.68 | 4.78 | 5.90 | 3.87 | 2.77 | 3.47 | 2.27 |
| 1987 | 4.71 | 5.68 | 3.93 | 4.99 | 6.00 | 4.17 | 2.89 | 3.55 | 2.36 |
| 1988 | 4.72 | 5.89 | 3.79 | 4.98 | 6.21 | 4.00 | 2.91 | 3.63 | 2.39 |
| 1989 | 4.73 | 5.82 | 3.88 | 5.01 | 6.15 | 4.12 | 2.73 | 3.47 | 2.23 |
| 1990 | 4.87 | 5.97 | 3.99 | 5.16 | 6.30 | 4.24 | 2.97 | 3.66 | 2.42 |
| 1991 | 4.95 | 6.01 | 4.11 | 5.27 | 6.37 | 4.37 | 2.84 | 3.42 | 2.41 |
| 1992 | 4.85 | 5.88 | 4.03 | 5.17 | 6.26 | 4.30 | 2.82 | 3.41 | 2.39 |
| 1993 | 4.79 | 5.87 | 3.91 | 5.09 | 6.23 | 4.17 | 2.83 | 3.59 | 2.27 |
| 1994 | 4.84 | 5.88 | 3.97 | 5.17 | 6.26 | 4.25 | 2.69 | 3.23 | 2.26 |
| 1995 | 4.67 | 5.67 | 3.86 | 4.97 | 6.02 | 4.11 | 2.77 | 3.40 | 2.33 |
| 1996 | 4.73 | 5.74 | 3.91 | 5.07 | 6.14 | 4.19 | 2.64 | 3.24 | 2.21 |
| 1997 | 4.68 | 5.66 | 3.90 | 4.99 | 6.03 | 4.13 | 2.87 | 3.30 | 2.55 |
| 1998 | 4.68 | 5.70 | 3.83 | 5.00 | 6.06 | 4.12 | 2.73 | 3.39 | 2.24 |
| 1999 | 4.64 | 5.66 | 3.81 | 4.98 | 6.04 | 4.10 | 2.73 | 3.28 | 2.29 |
| 2000 | 4.53 | 5.58 | 3.67 | 4.86 | 5.96 | 3.93 | 2.70 | 3.28 | 2.24 |
| 2001 | 4.45 | 5.49 | 3.59 | 4.78 | 5.88 | 3.86 | 2.58 | 3.13 | 2.19 |
| 2002 | 4.45 | 5.46 | 3.62 | 4.78 | 5.83 | 3.90 | 2.63 | 3.20 | 2.21 |
| 2003 | 4.40 | 5.36 | 3.62 | 4.74 | 5.73 | 3.92 | 2.66 | 3.36 | 2.11 |
| 2004 | 4.31 | 5.22 | 3.53 | 4.64 | 5.59 | 3.82 | 2.46 | 2.98 | 2.04 |
| 2005 | 4.34 | 5.31 | 3.53 | 4.69 | 5.69 | 3.84 | 2.52 | 3.23 | 1.99 |
| 2006 | 4.17 | 5.12 | 3.39 | 4.53 | 5.53 | 3.67 | 2.34 | 2.91 | 1.93 |
| 2007 | 4.21 | 5.10 | 3.47 | 4.58 | 5.52 | 3.78 | 2.37 | 2.75 | 2.07 |
| 2008 | 4.28 | 5.25 | 3.46 | 4.64 | 5.65 | 3.77 | 2.48 | 3.15 | 2.01 |
| 2009 | 4.35 | 5.27 | 3.57 | 4.73 | 5.72 | 3.88 | 2.53 | 2.98 | 2.17 |
| 2010 | 4.25 | 5.22 | 3.42 | 4.59 | 5.63 | 3.68 | 2.54 | 3.08 | 2.15 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 4.5
Cancer of the Breast (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 68.85 | 1.09 | 125.48 | 70.64 | 1.09 | 129.39 | 66.36 | 1.63 | 115.44 |
| 1975 | 58.06 | 0.85 | 105.07 | 59.45 | 0.88 | 107.33 | 52.11 | - | 93.58 |
| 1976 | 56.44 | 1.10 | 101.92 | 58.12 | 1.12 | 104.80 | 48.04 | - | 85.36 |
| 1977 | 55.99 | 0.96 | 100.83 | 57.47 | 0.88 | 103.44 | 49.67 | - | 87.03 |
| 1978 | 55.85 | 0.90 | 100.64 | 57.57 | 0.89 | 103.67 | 48.18 | - | 85.92 |
| 1979 | 56.85 | 0.99 | 102.13 | 58.31 | 0.94 | 104.75 | 49.88 | - | 86.90 |
| 1980 | 56.91 | 0.90 | 102.25 | 58.55 | 0.93 | 105.15 | 50.55 | - | 89.40 |
| 1981 | 59.32 | 1.00 | 106.35 | 61.26 | 0.93 | 109.95 | 54.34 | - | 94.20 |
| 1982 | 59.23 | 0.98 | 106.48 | 61.10 | 0.94 | 110.01 | 53.88 | - | 93.47 |
| 1983 | 61.91 | 1.04 | 111.16 | 63.73 | 1.13 | 114.50 | 58.95 | - | 103.58 |
| 1984 | 64.49 | 0.93 | 116.01 | 66.60 | 0.94 | 119.94 | 58.42 | - | 102.47 |
| 1985 | 69.13 | 0.95 | 124.28 | 71.02 | 0.97 | 127.88 | 64.13 | - | 111.71 |
| 1986 | 70.49 | 0.95 | 126.88 | 72.32 | 0.96 | 130.44 | 66.22 | - | 114.97 |
| 1987 | 74.80 | 0.96 | 134.51 | 77.84 | 0.98 | 140.31 | 63.08 | - | 109.46 |
| 1988 | 73.08 | 1.22 | 131.31 | 75.63 | 1.16 | 136.33 | 68.99 | 2.76 | 118.65 |
| 1989 | 70.75 | 1.13 | 127.21 | 73.39 | 1.08 | 132.40 | 60.52 | - | 104.92 |
| 1990 | 73.17 | 1.13 | 131.84 | 75.35 | 1.15 | 136.26 | 68.55 | - | 118.63 |
| 1991 | 74.10 | 1.12 | 133.86 | 76.64 | 1.17 | 138.92 | 67.37 | - | 117.33 |
| 1992 | 73.03 | 1.04 | 132.05 | 74.76 | 1.02 | 135.78 | 71.59 | - | 124.02 |
| 1993 | 71.33 | 1.08 | 129.20 | 73.18 | 1.04 | 133.16 | 68.79 | - | 119.39 |
| 1994 | 72.10 | 1.14 | 130.98 | 74.29 | 1.09 | 135.69 | 70.64 | - | 122.53 |
| 1995 | 72.85 | 0.97 | 132.63 | 75.16 | 0.93 | 137.68 | 71.61 | - | 123.72 |
| 1996 | 73.34 | 1.31 | 133.68 | 75.34 | 1.32 | 138.14 | 71.68 | - | 124.35 |
| 1997 | 75.57 | 1.10 | 137.96 | 77.65 | 1.07 | 142.75 | 72.33 | - | 125.04 |
| 1998 | 77.31 | 1.07 | 141.35 | 79.72 | 1.12 | 146.73 | 71.14 | - | 123.96 |
| 1999 | 77.17 | 0.98 | 141.47 | 79.60 | 0.97 | 147.11 | 72.50 | - | 125.47 |
| 2000 | 74.34 | 1.16 | 136.42 | 77.24 | 1.14 | 142.97 | 68.01 | 2.86 | 117.20 |
| 2001 | 75.56 | 1.22 | 138.69 | 78.21 | 1.22 | 144.88 | 66.55 | 1.66 | 115.26 |
| 2002 | 73.62 | 1.15 | 135.64 | 75.93 | 1.13 | 141.24 | 70.87 | 1.95 | 122.95 |
| 2003 | 68.85 | 1.32 | 126.85 | 70.82 | 1.34 | 131.76 | 71.09 | 1.74 | 123.44 |
| 2004 | 69.34 | 1.21 | 128.00 | 70.83 | 1.25 | 132.07 | 71.27 | 1.61 | 123.90 |
| 2005 | 68.32 | 1.09 | 126.42 | 70.22 | 1.19 | 131.31 | 67.83 | - | 118.22 |
| 2006 | 68.07 | 1.22 | 125.98 | 69.51 | 1.26 | 130.11 | 71.32 | 1.54 | 124.29 |
| 2007 | 68.95 | 1.11 | 127.89 | 70.35 | 1.13 | 132.11 | 71.50 | 1.82 | 123.97 |
| 2008 | 68.88 | 1.18 | 127.99 | 69.75 | 1.21 | 131.16 | 72.95 | 1.37 | 127.17 |
| 2009 | 70.11 | 1.22 | 130.27 | 71.04 | 1.27 | 133.62 | 73.47 | - | 128.07 |
| 2010 | 67.71 | 1.25 | 126.02 | 68.78 | 1.12 | 129.77 | 69.56 | 3.04 | 120.55 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 4.6
Cancer of the Breast (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 16.28 | 0.32 | 28.67 | 16.12 | 0.31 | 28.50 | 20.10 | 0.55 | 34.13 |
| 1975 | 17.83 | 0.37 | 31.45 | 18.03 | 0.38 | 31.79 | 16.82 | 0.41 | 29.49 |
| 1976 | 18.06 | 0.38 | 31.80 | 18.25 | 0.36 | 32.17 | 17.61 | 0.60 | 30.47 |
| 1977 | 18.47 | 0.36 | 32.48 | 18.56 | 0.35 | 32.67 | 18.90 | 0.51 | 32.80 |
| 1978 | 18.05 | 0.36 | 31.73 | 18.12 | 0.35 | 31.90 | 18.63 | 0.60 | 32.14 |
| 1979 | 17.74 | 0.28 | 31.21 | 17.87 | 0.26 | 31.48 | 17.87 | 0.54 | 30.82 |
| 1980 | 18.04 | 0.30 | 31.68 | 18.15 | 0.30 | 31.93 | 18.37 | 0.42 | 31.68 |
| 1981 | 18.20 | 0.32 | 31.92 | 18.28 | 0.31 | 32.12 | 18.95 | 0.46 | 32.55 |
| 1982 | 18.39 | 0.33 | 32.19 | 18.42 | 0.32 | 32.31 | 19.68 | 0.56 | 33.75 |
| 1983 | 18.33 | 0.31 | 32.07 | 18.36 | 0.29 | 32.20 | 19.57 | 0.50 | 33.53 |
| 1984 | 18.79 | 0.29 | 32.90 | 18.76 | 0.28 | 32.90 | 20.97 | 0.47 | 35.94 |
| 1985 | 18.84 | 0.34 | 32.98 | 18.88 | 0.34 | 33.11 | 20.35 | 0.43 | 34.85 |
| 1986 | 18.76 | 0.28 | 32.87 | 18.76 | 0.27 | 32.93 | 20.69 | 0.42 | 35.44 |
| 1987 | 18.66 | 0.34 | 32.66 | 18.57 | 0.34 | 32.57 | 21.53 | 0.47 | 36.73 |
| 1988 | 18.98 | 0.33 | 33.20 | 18.85 | 0.28 | 33.09 | 22.35 | 0.88 | 37.78 |
| 1989 | 19.00 | 0.33 | 33.23 | 18.95 | 0.33 | 33.23 | 21.56 | 0.45 | 36.61 |
| 1990 | 18.93 | 0.28 | 33.14 | 18.79 | 0.26 | 33.02 | 22.49 | 0.52 | 38.00 |
| 1991 | 18.66 | 0.28 | 32.69 | 18.46 | 0.27 | 32.45 | 22.62 | 0.44 | 38.28 |
| 1992 | 18.07 | 0.31 | 31.64 | 17.89 | 0.30 | 31.43 | 21.88 | 0.45 | 37.09 |
| 1993 | 17.98 | 0.36 | 31.39 | 17.74 | 0.34 | 31.09 | 22.62 | 0.66 | 38.04 |
| 1994 | 17.67 | 0.35 | 30.92 | 17.40 | 0.34 | 30.56 | 22.44 | 0.60 | 37.74 |
| 1995 | 17.44 | 0.35 | 30.55 | 17.11 | 0.32 | 30.09 | 22.70 | 0.77 | 38.18 |
| 1996 | 16.83 | 0.34 | 29.49 | 16.52 | 0.31 | 29.05 | 22.09 | 0.72 | 37.13 |
| 1997 | 16.07 | 0.32 | 28.21 | 15.67 | 0.30 | 27.62 | 22.25 | 0.63 | 37.43 |
| 1998 | 15.67 | 0.32 | 27.54 | 15.32 | 0.31 | 27.01 | 21.08 | 0.56 | 35.53 |
| 1999 | 15.18 | 0.34 | 26.61 | 14.77 | 0.32 | 25.98 | 20.93 | 0.69 | 35.21 |
| 2000 | 15.19 | 0.37 | 26.64 | 14.86 | 0.35 | 26.17 | 20.48 | 0.63 | 34.36 |
| 2001 | 14.77 | 0.35 | 26.01 | 14.37 | 0.33 | 25.43 | 20.52 | 0.65 | 34.52 |
| 2002 | 14.54 | 0.31 | 25.62 | 14.13 | 0.29 | 25.02 | 20.32 | 0.61 | 34.14 |
| 2003 | 14.31 | 0.31 | 25.27 | 13.89 | 0.30 | 24.66 | 20.24 | 0.47 | 34.10 |
| 2004 | 13.82 | 0.29 | 24.49 | 13.44 | 0.28 | 23.94 | 19.11 | 0.56 | 32.29 |
| 2005 | 13.61 | 0.29 | 24.14 | 13.18 | 0.28 | 23.49 | 19.37 | 0.49 | 32.81 |
| 2006 | 13.25 | 0.29 | 23.56 | 12.87 | 0.29 | 23.02 | 18.73 | 0.47 | 31.62 |
| 2007 | 12.90 | 0.28 | 22.96 | 12.51 | 0.27 | 22.40 | 18.51 | 0.45 | 31.36 |
| 2008 | 12.66 | 0.31 | 22.55 | 12.26 | 0.29 | 21.99 | 18.37 | 0.60 | 30.96 |
| 2009 | 12.43 | 0.28 | 22.24 | 12.09 | 0.28 | 21.76 | 17.78 | 0.41 | 30.19 |
| 2010 | 12.26 | 0.30 | 21.92 | 11.85 | 0.28 | 21.33 | 17.78 | 0.59 | 30.17 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 4.7
Cancer of the Female Breast (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|--------|---------------|-------|--------|---------------|-------|--------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975 | 105.07 | 40.62 | 273.82 | 107.33 | 40.68 | 281.86 | 93.58 | 42.98 | 226.09 |
| 1976 | 101.92 | 40.03 | 263.98 | 104.80 | 40.83 | 272.31 | 85.36 | 37.85 | 209.77 |
| 1977 | 100.83 | 39.11 | 262.44 | 103.44 | 39.40 | 271.12 | 87.03 | 37.62 | 216.41 |
| 1978 | 100.64 | 38.85 | 262.45 | 103.67 | 39.34 | 272.15 | 85.92 | 40.01 | 206.14 |
| 1979 | 102.13 | 38.04 | 269.96 | 104.75 | 38.63 | 277.88 | 86.90 | 37.85 | 215.34 |
| 1980 | 102.25 | 37.82 | 270.96 | 105.15 | 38.31 | 280.15 | 89.40 | 37.69 | 224.82 |
| 1981 | 106.35 | 39.22 | 282.13 | 109.95 | 40.16 | 292.70 | 94.20 | 38.66 | 239.64 |
| 1982 | 106.49 | 40.57 | 279.09 | 110.02 | 41.31 | 289.93 | 93.49 | 38.02 | 238.73 |
| 1983 | 111.18 | 40.27 | 296.85 | 114.52 | 40.91 | 307.28 | 103.62 | 41.39 | 266.58 |
| 1984 | 116.03 | 42.38 | 308.90 | 119.98 | 43.15 | 321.15 | 102.53 | 44.69 | 253.99 |
| 1985 | 124.30 | 44.38 | 333.59 | 127.93 | 44.50 | 346.40 | 111.80 | 45.56 | 285.25 |
| 1986 | 126.92 | 44.53 | 342.66 | 130.50 | 45.29 | 353.64 | 115.08 | 45.69 | 296.80 |
| 1987 | 134.56 | 45.55 | 367.63 | 140.39 | 46.56 | 386.11 | 109.59 | 43.19 | 283.47 |
| 1988 | 131.36 | 44.01 | 360.08 | 136.42 | 45.08 | 375.61 | 118.80 | 42.84 | 317.70 |
| 1989 | 127.28 | 43.41 | 346.89 | 132.52 | 44.55 | 362.87 | 105.11 | 42.24 | 269.75 |
| 1990 | 131.92 | 45.61 | 357.91 | 136.40 | 45.42 | 374.62 | 118.88 | 49.00 | 301.86 |
| 1991 | 133.94 | 47.28 | 360.87 | 139.08 | 47.32 | 379.36 | 117.59 | 50.97 | 292.05 |
| 1992 | 132.15 | 43.49 | 364.30 | 135.95 | 43.69 | 377.54 | 124.33 | 47.17 | 326.40 |
| 1993 | 129.31 | 42.88 | 355.61 | 133.35 | 43.37 | 368.97 | 119.73 | 45.23 | 314.81 |
| 1994 | 131.10 | 42.45 | 363.24 | 135.90 | 42.83 | 379.60 | 122.91 | 47.67 | 319.93 |
| 1995 | 132.76 | 43.24 | 367.17 | 137.91 | 43.85 | 384.22 | 124.15 | 45.62 | 329.77 |
| 1996 | 133.83 | 43.59 | 370.14 | 138.40 | 44.07 | 385.40 | 124.82 | 44.44 | 335.29 |
| 1997 | 138.13 | 43.58 | 385.73 | 143.03 | 44.23 | 401.76 | 125.56 | 44.48 | 337.85 |
| 1998 | 141.54 | 45.49 | 393.06 | 147.05 | 45.78 | 412.22 | 124.50 | 46.79 | 327.99 |
| 1999 | 141.71 | 43.89 | 397.86 | 147.49 | 45.23 | 415.27 | 126.12 | 44.00 | 341.17 |
| 2000 | 136.69 | 43.54 | 380.59 | 143.38 | 44.09 | 403.39 | 117.87 | 44.88 | 308.99 |
| 2001 | 138.99 | 44.03 | 387.67 | 145.34 | 44.96 | 408.18 | 115.98 | 40.02 | 314.90 |
| 2002 | 135.97 | 42.92 | 379.63 | 141.74 | 43.69 | 398.50 | 123.79 | 41.43 | 339.47 |
| 2003 | 127.20 | 43.42 | 346.59 | 132.28 | 44.46 | 362.26 | 124.37 | 43.49 | 336.15 |
| 2004 | 128.41 | 45.04 | 346.74 | 132.65 | 45.05 | 362.03 | 124.93 | 47.89 | 326.64 |
| 2005 | 126.88 | 44.18 | 343.45 | 131.95 | 44.70 | 360.43 | 119.30 | 45.94 | 311.38 |
| 2006 | 126.52 | 44.26 | 341.91 | 130.82 | 45.27 | 354.86 | 125.55 | 45.55 | 335.03 |
| 2007 | 128.51 | 45.34 | 346.30 | 132.92 | 45.95 | 360.66 | 125.35 | 45.38 | 334.76 |
| 2008 | 128.71 | 45.58 | 346.40 | 132.17 | 45.91 | 358.04 | 128.90 | 45.18 | 348.13 |
| 2009 | 131.13 | 45.59 | 355.13 | 134.99 | 46.15 | 367.60 | 130.31 | 46.24 | 350.43 |
| 2010 | 127.40 | 44.28 | 345.04 | 131.87 | 45.47 | 358.13 | 123.73 | 44.61 | 330.91 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 4.8
Cancer of the Female Breast (*In Situ*)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|-------|---------------|-------|-------|---------------|-------|--------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975 | 5.83 | 3.80 | 11.15 | 5.90 | 3.84 | 11.28 | 3.94 | - | 8.31 |
| 1976 | 5.28 | 2.72 | 11.98 | 5.36 | 2.89 | 11.83 | 3.28 | - | 9.40 |
| 1977 | 4.25 | 2.56 | 8.67 | 4.32 | 2.59 | 8.85 | 3.03 | - | - |
| 1978 | 4.40 | 2.36 | 9.74 | 4.55 | 2.50 | 9.91 | 3.29 | - | - |
| 1979 | 4.58 | 2.81 | 9.21 | 4.65 | 2.85 | 9.37 | 4.78 | - | 9.55 |
| 1980 | 4.83 | 2.98 | 9.67 | 5.06 | 3.11 | 10.17 | 3.56 | - | - |
| 1981 | 4.96 | 2.64 | 11.05 | 4.93 | 2.52 | 11.26 | 4.08 | - | 8.72 |
| 1982 | 5.30 | 2.73 | 12.03 | 5.34 | 2.71 | 12.24 | 5.55 | 2.73 | 12.94 |
| 1983 | 6.09 | 3.03 | 14.09 | 6.22 | 3.03 | 14.57 | 5.41 | - | 13.20 |
| 1984 | 8.63 | 4.79 | 18.66 | 9.19 | 5.19 | 19.64 | 6.35 | 2.37 | 16.77 |
| 1985 | 11.53 | 5.93 | 26.20 | 12.11 | 6.27 | 27.39 | 8.21 | 3.49 | 20.58 |
| 1986 | 13.63 | 6.79 | 31.56 | 14.27 | 7.23 | 32.70 | 9.32 | 5.12 | 20.33 |
| 1987 | 17.38 | 7.82 | 42.40 | 18.22 | 8.24 | 44.35 | 12.30 | 5.64 | 29.74 |
| 1988 | 17.58 | 8.20 | 42.14 | 18.11 | 8.50 | 43.28 | 15.99 | 7.38 | 38.55 |
| 1989 | 16.55 | 7.04 | 41.46 | 17.11 | 7.27 | 42.86 | 14.54 | 5.52 | 38.16 |
| 1990 | 19.15 | 8.39 | 47.32 | 19.93 | 8.73 | 49.27 | 14.99 | 5.54 | 39.72 |
| 1991 | 19.80 | 8.78 | 48.65 | 20.51 | 8.90 | 50.90 | 15.42 | 7.30 | 36.69 |
| 1992 | 21.44 | 9.01 | 53.99 | 22.19 | 9.27 | 56.01 | 19.09 | 6.83 | 51.20 |
| 1993 | 20.72 | 8.37 | 53.05 | 21.36 | 8.81 | 54.25 | 16.74 | 6.06 | 44.70 |
| 1994 | 22.32 | 8.73 | 57.89 | 22.91 | 9.02 | 59.27 | 20.16 | 7.48 | 53.37 |
| 1995 | 24.72 | 9.64 | 64.21 | 25.11 | 10.03 | 64.61 | 22.83 | 6.51 | 65.56 |
| 1996 | 25.38 | 9.84 | 66.08 | 25.94 | 9.84 | 68.09 | 22.76 | 7.72 | 62.15 |
| 1997 | 28.33 | 11.05 | 73.58 | 28.97 | 11.23 | 75.43 | 28.31 | 11.41 | 72.58 |
| 1998 | 32.81 | 12.00 | 87.32 | 33.78 | 12.34 | 89.93 | 30.46 | 10.69 | 82.22 |
| 1999 | 32.78 | 11.99 | 87.20 | 33.22 | 12.24 | 88.17 | 29.68 | 10.40 | 80.16 |
| 2000 | 32.86 | 11.81 | 87.99 | 33.94 | 12.56 | 89.92 | 29.80 | 8.06 | 86.74 |
| 2001 | 33.72 | 11.58 | 91.70 | 34.29 | 12.04 | 92.56 | 31.91 | 9.03 | 91.83 |
| 2002 | 34.08 | 11.92 | 92.11 | 34.64 | 12.35 | 93.01 | 28.67 | 8.70 | 80.96 |
| 2003 | 32.52 | 12.05 | 86.12 | 33.54 | 12.58 | 88.44 | 29.97 | 9.44 | 83.72 |
| 2004 | 33.23 | 12.79 | 86.76 | 34.05 | 13.04 | 89.08 | 30.68 | 10.13 | 84.50 |
| 2005 | 32.74 | 12.52 | 85.66 | 33.74 | 13.08 | 87.85 | 31.86 | 10.21 | 88.53 |
| 2006 | 33.35 | 13.88 | 84.35 | 33.72 | 14.46 | 84.18 | 35.90 | 11.69 | 99.30 |
| 2007 | 35.50 | 14.45 | 90.62 | 35.97 | 14.90 | 91.14 | 33.63 | 11.04 | 92.79 |
| 2008 | 37.00 | 14.22 | 96.66 | 37.35 | 14.85 | 96.28 | 36.58 | 11.62 | 101.95 |
| 2009 | 37.19 | 14.54 | 96.51 | 37.98 | 15.18 | 97.70 | 35.87 | 11.45 | 99.82 |
| 2010 | 34.21 | 13.25 | 89.10 | 34.55 | 13.30 | 90.19 | 33.39 | 12.32 | 88.56 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 4.9
Cancer of the Female Breast (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|--------|---------------|-------|--------|---------------|-------|--------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 125.48 | 43.34 | 340.57 | 129.39 | 43.85 | 353.37 | 115.44 | 44.05 | 302.38 |
| 1975 | 105.07 | 40.62 | 273.82 | 107.33 | 40.68 | 281.86 | 93.58 | 42.98 | 226.09 |
| 1976 | 101.92 | 40.03 | 263.98 | 104.80 | 40.83 | 272.31 | 85.36 | 37.85 | 209.77 |
| 1977 | 100.83 | 39.11 | 262.44 | 103.44 | 39.40 | 271.12 | 87.03 | 37.62 | 216.41 |
| 1978 | 100.64 | 38.85 | 262.45 | 103.67 | 39.34 | 272.15 | 85.92 | 40.01 | 206.14 |
| 1979 | 102.13 | 38.04 | 269.96 | 104.75 | 38.63 | 277.88 | 86.90 | 37.85 | 215.34 |
| 1980 | 102.25 | 37.82 | 270.96 | 105.15 | 38.31 | 280.15 | 89.40 | 37.69 | 224.82 |
| 1981 | 106.35 | 39.22 | 282.13 | 109.95 | 40.16 | 292.70 | 94.20 | 38.66 | 239.64 |
| 1982 | 106.48 | 40.57 | 279.08 | 110.01 | 41.31 | 289.91 | 93.47 | 38.02 | 238.68 |
| 1983 | 111.16 | 40.27 | 296.81 | 114.50 | 40.90 | 307.22 | 103.58 | 41.37 | 266.47 |
| 1984 | 116.01 | 42.37 | 308.85 | 119.94 | 43.14 | 321.05 | 102.47 | 44.66 | 253.83 |
| 1985 | 124.28 | 44.37 | 333.51 | 127.88 | 44.48 | 346.26 | 111.71 | 45.52 | 285.02 |
| 1986 | 126.88 | 44.51 | 342.57 | 130.44 | 45.27 | 353.48 | 114.97 | 45.64 | 296.50 |
| 1987 | 134.51 | 45.53 | 367.50 | 140.31 | 46.53 | 385.90 | 109.46 | 43.13 | 283.13 |
| 1988 | 131.31 | 43.99 | 359.95 | 136.33 | 45.05 | 375.38 | 118.65 | 42.79 | 317.29 |
| 1989 | 127.21 | 43.39 | 346.71 | 132.40 | 44.51 | 362.56 | 104.92 | 42.16 | 269.26 |
| 1990 | 131.84 | 45.59 | 357.71 | 136.26 | 45.38 | 374.25 | 118.63 | 48.90 | 301.23 |
| 1991 | 133.86 | 47.25 | 360.64 | 138.92 | 47.27 | 378.94 | 117.33 | 50.86 | 291.38 |
| 1992 | 132.05 | 43.46 | 364.04 | 135.78 | 43.63 | 377.07 | 124.02 | 47.05 | 325.56 |
| 1993 | 129.20 | 42.85 | 355.32 | 133.16 | 43.31 | 368.46 | 119.39 | 45.10 | 313.92 |
| 1994 | 130.98 | 42.41 | 362.91 | 135.69 | 42.77 | 379.03 | 122.53 | 47.52 | 318.93 |
| 1995 | 132.63 | 43.20 | 366.79 | 137.68 | 43.77 | 383.57 | 123.72 | 45.46 | 328.63 |
| 1996 | 133.68 | 43.54 | 369.72 | 138.14 | 43.99 | 384.69 | 124.35 | 44.27 | 334.04 |
| 1997 | 137.96 | 43.53 | 385.24 | 142.75 | 44.14 | 400.95 | 125.04 | 44.30 | 336.47 |
| 1998 | 141.35 | 45.43 | 392.53 | 146.73 | 45.68 | 411.34 | 123.96 | 46.59 | 326.58 |
| 1999 | 141.47 | 43.81 | 397.18 | 147.11 | 45.11 | 414.18 | 125.47 | 43.77 | 339.40 |
| 2000 | 136.42 | 43.46 | 379.86 | 142.97 | 43.96 | 402.23 | 117.20 | 44.62 | 307.24 |
| 2001 | 138.69 | 43.93 | 386.83 | 144.88 | 44.82 | 406.88 | 115.26 | 39.77 | 312.95 |
| 2002 | 135.64 | 42.81 | 378.70 | 141.24 | 43.54 | 397.09 | 122.95 | 41.14 | 337.16 |
| 2003 | 126.85 | 43.30 | 345.62 | 131.76 | 44.28 | 360.84 | 123.44 | 43.16 | 333.63 |
| 2004 | 128.00 | 44.89 | 345.64 | 132.07 | 44.85 | 360.45 | 123.90 | 47.50 | 323.95 |
| 2005 | 126.42 | 44.02 | 342.20 | 131.31 | 44.48 | 358.67 | 118.22 | 45.53 | 308.56 |
| 2006 | 125.98 | 44.07 | 340.47 | 130.11 | 45.02 | 352.92 | 124.29 | 45.09 | 331.68 |
| 2007 | 127.89 | 45.12 | 344.61 | 132.11 | 45.66 | 358.46 | 123.97 | 44.88 | 331.06 |
| 2008 | 127.99 | 45.33 | 344.44 | 131.16 | 45.56 | 355.30 | 127.17 | 44.58 | 343.44 |
| 2009 | 130.27 | 45.29 | 352.79 | 133.62 | 45.69 | 363.89 | 128.07 | 45.45 | 344.41 |
| 2010 | 126.02 | 43.80 | 341.31 | 129.77 | 44.74 | 352.42 | 120.55 | 43.47 | 322.39 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 4.10
Cancer of the Female Breast (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Age

| Year of Death: | All Races, Females | | | White Females | | | Black Females | | |
|----------------|--------------------|------|-------|---------------|------|-------|---------------|-------|--------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975-2010 | 28.67 | 6.86 | 85.78 | 28.50 | 6.50 | 86.12 | 34.13 | 10.54 | 95.91 |
| 1975 | 31.45 | 9.11 | 89.94 | 31.79 | 9.01 | 91.42 | 29.49 | 10.68 | 78.75 |
| 1976 | 31.80 | 8.74 | 92.21 | 32.17 | 8.64 | 93.80 | 30.47 | 10.22 | 83.50 |
| 1977 | 32.48 | 8.86 | 94.34 | 32.67 | 8.75 | 95.32 | 32.80 | 10.52 | 91.13 |
| 1978 | 31.73 | 8.69 | 92.08 | 31.90 | 8.46 | 93.29 | 32.14 | 11.37 | 86.53 |
| 1979 | 31.21 | 8.58 | 90.47 | 31.48 | 8.34 | 92.07 | 30.82 | 11.36 | 81.78 |
| 1980 | 31.68 | 8.57 | 92.22 | 31.93 | 8.39 | 93.56 | 31.68 | 10.82 | 86.31 |
| 1981 | 31.92 | 8.46 | 93.33 | 32.12 | 8.20 | 94.77 | 32.55 | 11.48 | 87.74 |
| 1982 | 32.19 | 8.42 | 94.43 | 32.31 | 8.19 | 95.46 | 33.75 | 11.19 | 92.83 |
| 1983 | 32.07 | 8.16 | 94.70 | 32.20 | 7.89 | 95.85 | 33.53 | 11.17 | 92.10 |
| 1984 | 32.90 | 8.58 | 96.57 | 32.90 | 8.22 | 97.55 | 35.94 | 12.55 | 97.21 |
| 1985 | 32.98 | 8.56 | 96.90 | 33.11 | 8.30 | 98.09 | 34.85 | 12.04 | 94.58 |
| 1986 | 32.87 | 8.64 | 96.32 | 32.93 | 8.26 | 97.53 | 35.44 | 12.86 | 94.58 |
| 1987 | 32.66 | 8.44 | 96.08 | 32.57 | 7.99 | 96.93 | 36.73 | 12.94 | 99.04 |
| 1988 | 33.20 | 8.39 | 98.18 | 33.09 | 8.01 | 98.78 | 37.78 | 12.71 | 103.42 |
| 1989 | 33.23 | 8.42 | 98.22 | 33.23 | 8.06 | 99.16 | 36.61 | 12.41 | 99.96 |
| 1990 | 33.14 | 8.32 | 98.14 | 33.02 | 7.99 | 98.55 | 38.00 | 11.99 | 106.13 |
| 1991 | 32.69 | 8.16 | 96.91 | 32.45 | 7.73 | 97.15 | 38.28 | 12.31 | 106.29 |
| 1992 | 31.64 | 7.77 | 94.15 | 31.43 | 7.37 | 94.45 | 37.09 | 12.03 | 102.73 |
| 1993 | 31.39 | 7.41 | 94.18 | 31.09 | 6.99 | 94.20 | 38.04 | 11.65 | 107.14 |
| 1994 | 30.92 | 7.37 | 92.58 | 30.56 | 6.92 | 92.47 | 37.74 | 11.70 | 105.91 |
| 1995 | 30.55 | 7.29 | 91.46 | 30.09 | 6.80 | 91.07 | 38.18 | 11.71 | 107.49 |
| 1996 | 29.49 | 6.95 | 88.53 | 29.05 | 6.40 | 88.35 | 37.13 | 11.74 | 103.61 |
| 1997 | 28.21 | 6.71 | 84.53 | 27.62 | 6.22 | 83.64 | 37.43 | 11.03 | 106.56 |
| 1998 | 27.54 | 6.34 | 83.05 | 27.01 | 5.82 | 82.50 | 35.53 | 10.65 | 100.68 |
| 1999 | 26.61 | 5.75 | 81.22 | 25.98 | 5.20 | 80.40 | 35.21 | 10.27 | 100.52 |
| 2000 | 26.64 | 5.89 | 80.99 | 26.17 | 5.37 | 80.64 | 34.36 | 9.94 | 98.31 |
| 2001 | 26.01 | 5.86 | 78.77 | 25.43 | 5.36 | 77.98 | 34.52 | 9.85 | 99.12 |
| 2002 | 25.62 | 5.63 | 77.97 | 25.02 | 5.07 | 77.28 | 34.14 | 10.02 | 97.31 |
| 2003 | 25.27 | 5.58 | 76.85 | 24.66 | 5.08 | 75.90 | 34.10 | 9.62 | 98.19 |
| 2004 | 24.49 | 5.21 | 74.99 | 23.94 | 4.67 | 74.38 | 32.29 | 9.26 | 92.60 |
| 2005 | 24.14 | 5.20 | 73.74 | 23.49 | 4.65 | 72.83 | 32.81 | 9.46 | 93.95 |
| 2006 | 23.56 | 5.05 | 72.01 | 23.02 | 4.58 | 71.32 | 31.62 | 8.88 | 91.17 |
| 2007 | 22.96 | 4.77 | 70.60 | 22.40 | 4.28 | 69.85 | 31.36 | 8.55 | 91.10 |
| 2008 | 22.55 | 4.74 | 69.20 | 21.99 | 4.32 | 68.23 | 30.96 | 8.23 | 90.47 |
| 2009 | 22.24 | 4.81 | 67.88 | 21.76 | 4.48 | 67.01 | 30.19 | 7.96 | 88.39 |
| 2010 | 21.92 | 4.53 | 67.47 | 21.33 | 4.08 | 66.53 | 30.17 | 8.02 | 88.17 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 4.11
Cancer of the Female Breast (*In Situ*)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|-------|---------------|-------|-------|---------------|-------|--------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 22.86 | 9.45 | 57.98 | 22.91 | 9.60 | 57.78 | 22.05 | 7.88 | 59.15 |
| 1975 | 5.83 | 3.80 | 11.15 | 5.90 | 3.84 | 11.28 | 3.94 | - | 8.31 |
| 1976 | 5.28 | 2.72 | 11.98 | 5.36 | 2.89 | 11.83 | 3.28 | - | 9.40 |
| 1977 | 4.25 | 2.56 | 8.67 | 4.32 | 2.59 | 8.85 | 3.03 | - | - |
| 1978 | 4.40 | 2.36 | 9.74 | 4.55 | 2.50 | 9.91 | 3.29 | - | - |
| 1979 | 4.58 | 2.81 | 9.21 | 4.65 | 2.85 | 9.37 | 4.78 | - | 9.55 |
| 1980 | 4.83 | 2.98 | 9.67 | 5.06 | 3.11 | 10.17 | 3.56 | - | - |
| 1981 | 4.96 | 2.64 | 11.05 | 4.93 | 2.52 | 11.26 | 4.08 | - | 8.72 |
| 1982 | 5.30 | 2.73 | 12.03 | 5.34 | 2.71 | 12.24 | 5.55 | 2.73 | 12.94 |
| 1983 | 6.09 | 3.03 | 14.09 | 6.22 | 3.03 | 14.57 | 5.41 | - | 13.20 |
| 1984 | 8.62 | 4.79 | 18.66 | 9.18 | 5.19 | 19.64 | 6.35 | 2.37 | 16.77 |
| 1985 | 11.53 | 5.93 | 26.19 | 12.10 | 6.27 | 27.38 | 8.21 | 3.49 | 20.57 |
| 1986 | 13.63 | 6.79 | 31.56 | 14.27 | 7.23 | 32.69 | 9.32 | 5.12 | 20.32 |
| 1987 | 17.38 | 7.82 | 42.39 | 18.21 | 8.23 | 44.33 | 12.30 | 5.64 | 29.73 |
| 1988 | 17.57 | 8.20 | 42.12 | 18.10 | 8.50 | 43.26 | 15.99 | 7.38 | 38.53 |
| 1989 | 16.54 | 7.03 | 41.44 | 17.10 | 7.27 | 42.84 | 14.53 | 5.52 | 38.14 |
| 1990 | 19.14 | 8.38 | 47.31 | 19.92 | 8.72 | 49.24 | 14.98 | 5.54 | 39.69 |
| 1991 | 19.80 | 8.78 | 48.64 | 20.49 | 8.90 | 50.86 | 15.41 | 7.29 | 36.66 |
| 1992 | 21.43 | 9.01 | 53.98 | 22.17 | 9.26 | 55.97 | 19.08 | 6.83 | 51.16 |
| 1993 | 20.71 | 8.37 | 53.04 | 21.35 | 8.80 | 54.21 | 16.73 | 6.06 | 44.66 |
| 1994 | 22.31 | 8.73 | 57.87 | 22.89 | 9.01 | 59.22 | 20.14 | 7.47 | 53.32 |
| 1995 | 24.72 | 9.64 | 64.19 | 25.09 | 10.02 | 64.54 | 22.80 | 6.50 | 65.50 |
| 1996 | 25.37 | 9.84 | 66.05 | 25.91 | 9.83 | 68.02 | 22.74 | 7.71 | 62.09 |
| 1997 | 28.31 | 11.04 | 73.54 | 28.95 | 11.22 | 75.36 | 28.28 | 11.40 | 72.50 |
| 1998 | 32.79 | 11.99 | 87.27 | 33.75 | 12.33 | 89.84 | 30.43 | 10.68 | 82.14 |
| 1999 | 32.75 | 11.98 | 87.14 | 33.18 | 12.22 | 88.05 | 29.64 | 10.38 | 80.05 |
| 2000 | 32.84 | 11.80 | 87.92 | 33.89 | 12.54 | 89.79 | 29.76 | 8.04 | 86.62 |
| 2001 | 33.69 | 11.57 | 91.62 | 34.24 | 12.02 | 92.42 | 31.86 | 9.02 | 91.69 |
| 2002 | 34.04 | 11.90 | 91.99 | 34.58 | 12.33 | 92.86 | 28.62 | 8.69 | 80.83 |
| 2003 | 32.47 | 12.03 | 85.99 | 33.48 | 12.56 | 88.28 | 29.92 | 9.43 | 83.57 |
| 2004 | 33.17 | 12.77 | 86.60 | 33.98 | 13.01 | 88.90 | 30.62 | 10.11 | 84.33 |
| 2005 | 32.66 | 12.50 | 85.48 | 33.68 | 13.06 | 87.67 | 31.79 | 10.19 | 88.35 |
| 2006 | 33.27 | 13.85 | 84.13 | 33.65 | 14.42 | 84.00 | 35.82 | 11.66 | 99.08 |
| 2007 | 35.39 | 14.40 | 90.35 | 35.89 | 14.87 | 90.92 | 33.55 | 11.01 | 92.57 |
| 2008 | 36.87 | 14.17 | 96.31 | 37.23 | 14.80 | 95.95 | 36.46 | 11.58 | 101.60 |
| 2009 | 37.03 | 14.48 | 96.10 | 37.76 | 15.09 | 97.13 | 35.66 | 11.38 | 99.24 |
| 2010 | 33.83 | 13.10 | 88.09 | 34.14 | 13.14 | 89.13 | 33.00 | 12.18 | 87.52 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 5.4
Cancer of the Cervix Uteri (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|------|-------|---------------|------|-------|---------------|-------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975 | 14.79 | 9.66 | 28.22 | 13.23 | 8.83 | 24.77 | 33.10 | 17.55 | 73.82 |
| 1976 | 14.26 | 9.50 | 26.74 | 12.85 | 8.70 | 23.74 | 29.41 | 16.06 | 64.38 |
| 1977 | 13.02 | 8.44 | 25.01 | 11.68 | 7.56 | 22.48 | 28.30 | 15.90 | 60.78 |
| 1978 | 12.53 | 8.29 | 23.63 | 11.35 | 7.71 | 20.87 | 24.14 | 12.35 | 55.00 |
| 1979 | 12.76 | 8.68 | 23.44 | 10.97 | 7.55 | 19.94 | 28.89 | 16.10 | 62.38 |
| 1980 | 12.24 | 8.12 | 23.03 | 10.99 | 7.31 | 20.60 | 23.43 | 13.50 | 49.44 |
| 1981 | 10.76 | 7.34 | 19.70 | 9.54 | 6.59 | 17.25 | 24.00 | 13.61 | 51.22 |
| 1982 | 10.62 | 7.13 | 19.77 | 9.41 | 6.69 | 16.51 | 21.82 | 10.15 | 52.38 |
| 1983 | 10.51 | 7.31 | 18.88 | 9.58 | 6.73 | 17.05 | 18.84 | 11.89 | 37.04 |
| 1984 | 11.04 | 8.00 | 19.00 | 10.00 | 7.41 | 16.80 | 21.09 | 12.60 | 43.34 |
| 1985 | 10.22 | 7.06 | 18.47 | 9.14 | 6.73 | 15.45 | 19.02 | 9.56 | 43.81 |
| 1986 | 10.81 | 7.85 | 18.57 | 9.69 | 7.29 | 15.99 | 18.40 | 10.73 | 38.48 |
| 1987 | 10.01 | 7.10 | 17.63 | 8.98 | 6.85 | 14.55 | 18.77 | 8.71 | 45.13 |
| 1988 | 10.60 | 7.88 | 17.71 | 9.54 | 7.46 | 14.98 | 19.10 | 10.45 | 41.75 |
| 1989 | 10.70 | 7.92 | 17.99 | 10.08 | 7.91 | 15.76 | 15.64 | 7.89 | 35.95 |
| 1990 | 10.67 | 8.07 | 17.47 | 9.95 | 7.73 | 15.76 | 16.85 | 9.81 | 35.27 |
| 1991 | 10.06 | 7.06 | 17.91 | 9.26 | 6.81 | 15.70 | 16.35 | 9.23 | 35.00 |
| 1992 | 9.94 | 7.46 | 16.42 | 9.43 | 7.20 | 15.24 | 14.18 | 10.05 | 25.02 |
| 1993 | 9.64 | 7.05 | 16.45 | 9.18 | 7.01 | 14.83 | 13.76 | 8.88 | 26.52 |
| 1994 | 9.45 | 6.88 | 16.19 | 8.72 | 6.79 | 13.76 | 14.05 | 6.95 | 32.64 |
| 1995 | 8.90 | 6.83 | 14.34 | 8.00 | 6.56 | 11.75 | 13.71 | 7.90 | 28.92 |
| 1996 | 9.65 | 7.41 | 15.54 | 8.78 | 7.17 | 12.98 | 14.52 | 8.35 | 30.70 |
| 1997 | 9.24 | 7.12 | 14.81 | 8.41 | 6.93 | 12.29 | 13.68 | 8.04 | 28.46 |
| 1998 | 9.12 | 7.08 | 14.46 | 8.46 | 6.87 | 12.62 | 13.13 | 8.99 | 23.97 |
| 1999 | 8.26 | 6.52 | 12.81 | 7.84 | 6.61 | 11.05 | 13.41 | 8.05 | 27.43 |
| 2000 | 7.73 | 5.88 | 12.57 | 7.48 | 5.96 | 11.45 | 10.26 | 6.43 | 20.29 |
| 2001 | 7.97 | 5.90 | 13.40 | 7.42 | 5.85 | 11.54 | 11.33 | 5.06 | 27.76 |
| 2002 | 7.46 | 5.72 | 12.04 | 7.08 | 5.76 | 10.55 | 10.53 | 6.67 | 20.61 |
| 2003 | 7.32 | 5.76 | 11.42 | 6.90 | 5.71 | 10.03 | 10.88 | 6.18 | 23.19 |
| 2004 | 7.17 | 5.53 | 11.46 | 6.90 | 5.69 | 10.04 | 10.78 | 6.74 | 21.36 |
| 2005 | 6.86 | 5.47 | 10.50 | 6.68 | 5.55 | 9.63 | 8.86 | 5.43 | 17.83 |
| 2006 | 6.97 | 5.58 | 10.62 | 6.90 | 5.76 | 9.89 | 8.82 | 5.21 | 18.27 |
| 2007 | 6.67 | 5.26 | 10.37 | 6.56 | 5.63 | 9.00 | 8.67 | 4.64 | 19.22 |
| 2008 | 6.75 | 5.38 | 10.34 | 6.53 | 5.39 | 9.51 | 9.61 | 6.11 | 18.79 |
| 2009 | 6.93 | 5.59 | 10.43 | 6.91 | 6.02 | 9.25 | 8.06 | 4.37 | 17.72 |
| 2010 | 6.81 | 5.48 | 10.28 | 6.70 | 5.63 | 9.51 | 8.35 | 5.18 | 16.67 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 5.5
Cancer of the Cervix Uteri (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|------|-------|---------------|------|-------|---------------|-------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 9.32 | 6.86 | 15.77 | 8.69 | 6.68 | 13.97 | 14.67 | 8.32 | 31.29 |
| 1975 | 14.79 | 9.66 | 28.22 | 13.23 | 8.83 | 24.77 | 33.10 | 17.55 | 73.82 |
| 1976 | 14.26 | 9.50 | 26.74 | 12.85 | 8.70 | 23.74 | 29.41 | 16.06 | 64.38 |
| 1977 | 13.02 | 8.44 | 25.01 | 11.68 | 7.56 | 22.48 | 28.30 | 15.90 | 60.78 |
| 1978 | 12.53 | 8.29 | 23.63 | 11.35 | 7.71 | 20.87 | 24.14 | 12.35 | 55.00 |
| 1979 | 12.76 | 8.68 | 23.44 | 10.97 | 7.55 | 19.94 | 28.89 | 16.10 | 62.38 |
| 1980 | 12.24 | 8.12 | 23.03 | 10.99 | 7.31 | 20.60 | 23.43 | 13.50 | 49.44 |
| 1981 | 10.76 | 7.34 | 19.70 | 9.54 | 6.59 | 17.25 | 24.00 | 13.61 | 51.22 |
| 1982 | 10.62 | 7.13 | 19.77 | 9.41 | 6.69 | 16.51 | 21.82 | 10.15 | 52.38 |
| 1983 | 10.51 | 7.31 | 18.88 | 9.58 | 6.73 | 17.04 | 18.84 | 11.89 | 37.03 |
| 1984 | 11.04 | 8.00 | 19.00 | 10.00 | 7.41 | 16.79 | 21.08 | 12.59 | 43.32 |
| 1985 | 10.22 | 7.06 | 18.47 | 9.14 | 6.73 | 15.45 | 19.02 | 9.56 | 43.80 |
| 1986 | 10.81 | 7.84 | 18.57 | 9.69 | 7.28 | 15.98 | 18.39 | 10.72 | 38.46 |
| 1987 | 10.01 | 7.10 | 17.62 | 8.97 | 6.85 | 14.54 | 18.76 | 8.70 | 45.10 |
| 1988 | 10.59 | 7.88 | 17.70 | 9.53 | 7.45 | 14.97 | 19.09 | 10.45 | 41.71 |
| 1989 | 10.70 | 7.92 | 17.99 | 10.07 | 7.90 | 15.74 | 15.63 | 7.88 | 35.92 |
| 1990 | 10.66 | 8.06 | 17.46 | 9.94 | 7.73 | 15.74 | 16.83 | 9.80 | 35.23 |
| 1991 | 10.05 | 7.06 | 17.90 | 9.25 | 6.80 | 15.68 | 16.33 | 9.22 | 34.96 |
| 1992 | 9.93 | 7.46 | 16.41 | 9.41 | 7.19 | 15.22 | 14.17 | 10.03 | 24.98 |
| 1993 | 9.64 | 7.04 | 16.44 | 9.16 | 7.00 | 14.81 | 13.74 | 8.87 | 26.48 |
| 1994 | 9.45 | 6.87 | 16.18 | 8.70 | 6.78 | 13.74 | 14.03 | 6.94 | 32.58 |
| 1995 | 8.90 | 6.82 | 14.33 | 7.98 | 6.55 | 11.73 | 13.68 | 7.88 | 28.86 |
| 1996 | 9.64 | 7.40 | 15.53 | 8.76 | 7.15 | 12.95 | 14.49 | 8.33 | 30.62 |
| 1997 | 9.23 | 7.11 | 14.79 | 8.39 | 6.91 | 12.26 | 13.64 | 8.02 | 28.38 |
| 1998 | 9.11 | 7.07 | 14.44 | 8.43 | 6.85 | 12.59 | 13.09 | 8.97 | 23.90 |
| 1999 | 8.25 | 6.51 | 12.79 | 7.81 | 6.59 | 11.01 | 13.35 | 8.02 | 27.33 |
| 2000 | 7.71 | 5.87 | 12.54 | 7.44 | 5.93 | 11.40 | 10.21 | 6.40 | 20.21 |
| 2001 | 7.95 | 5.88 | 13.37 | 7.39 | 5.82 | 11.48 | 11.27 | 5.03 | 27.62 |
| 2002 | 7.44 | 5.70 | 12.01 | 7.04 | 5.72 | 10.49 | 10.47 | 6.63 | 20.50 |
| 2003 | 7.30 | 5.74 | 11.39 | 6.86 | 5.67 | 9.96 | 10.81 | 6.14 | 23.04 |
| 2004 | 7.14 | 5.51 | 11.42 | 6.84 | 5.65 | 9.96 | 10.70 | 6.69 | 21.20 |
| 2005 | 6.83 | 5.45 | 10.45 | 6.62 | 5.50 | 9.54 | 8.78 | 5.38 | 17.68 |
| 2006 | 6.94 | 5.55 | 10.57 | 6.83 | 5.70 | 9.79 | 8.73 | 5.16 | 18.09 |
| 2007 | 6.64 | 5.23 | 10.31 | 6.48 | 5.56 | 8.89 | 8.56 | 4.59 | 18.98 |
| 2008 | 6.70 | 5.34 | 10.27 | 6.45 | 5.32 | 9.39 | 9.49 | 6.03 | 18.55 |
| 2009 | 6.87 | 5.55 | 10.35 | 6.81 | 5.93 | 9.11 | 7.94 | 4.30 | 17.45 |
| 2010 | 6.71 | 5.40 | 10.13 | 6.53 | 5.48 | 9.26 | 8.14 | 5.04 | 16.24 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 5.6
Cancer of the Cervix Uteri (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Age

| Year of Death: | All Races, Females | | | White Females | | | Black Females | | |
|----------------|--------------------|------|-------|---------------|------|-------|---------------|------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975-2010 | 3.32 | 1.57 | 7.90 | 2.92 | 1.41 | 6.88 | 6.92 | 2.81 | 17.68 |
| 1975 | 5.55 | 2.38 | 13.87 | 4.75 | 1.95 | 12.08 | 13.35 | 5.73 | 33.29 |
| 1976 | 5.43 | 2.19 | 13.92 | 4.68 | 1.86 | 12.06 | 12.86 | 4.89 | 33.75 |
| 1977 | 4.96 | 2.00 | 12.71 | 4.22 | 1.62 | 11.02 | 12.19 | 4.97 | 31.10 |
| 1978 | 4.85 | 2.11 | 12.00 | 4.15 | 1.78 | 10.38 | 11.64 | 4.78 | 29.60 |
| 1979 | 4.58 | 1.91 | 11.58 | 3.95 | 1.58 | 10.15 | 10.61 | 4.48 | 26.67 |
| 1980 | 4.45 | 1.96 | 10.97 | 3.77 | 1.60 | 9.45 | 10.78 | 4.64 | 26.86 |
| 1981 | 4.32 | 1.83 | 10.86 | 3.74 | 1.57 | 9.39 | 9.89 | 3.74 | 26.00 |
| 1982 | 4.10 | 1.77 | 10.20 | 3.51 | 1.54 | 8.66 | 9.77 | 3.63 | 25.85 |
| 1983 | 4.04 | 1.80 | 9.92 | 3.43 | 1.53 | 8.40 | 9.76 | 3.87 | 25.20 |
| 1984 | 3.94 | 1.81 | 9.51 | 3.36 | 1.54 | 8.12 | 9.27 | 3.92 | 23.28 |
| 1985 | 3.82 | 1.71 | 9.36 | 3.27 | 1.49 | 7.92 | 8.98 | 3.36 | 23.70 |
| 1986 | 3.82 | 1.77 | 9.20 | 3.22 | 1.47 | 7.80 | 9.23 | 4.00 | 22.93 |
| 1987 | 3.64 | 1.74 | 8.61 | 3.13 | 1.51 | 7.40 | 8.22 | 3.60 | 20.31 |
| 1988 | 3.61 | 1.69 | 8.63 | 3.10 | 1.52 | 7.24 | 8.15 | 2.98 | 21.72 |
| 1989 | 3.59 | 1.70 | 8.54 | 3.05 | 1.50 | 7.10 | 8.60 | 3.26 | 22.57 |
| 1990 | 3.66 | 1.79 | 8.56 | 3.19 | 1.58 | 7.40 | 7.77 | 3.41 | 19.18 |
| 1991 | 3.49 | 1.70 | 8.20 | 3.01 | 1.51 | 6.97 | 7.65 | 3.15 | 19.41 |
| 1992 | 3.52 | 1.74 | 8.19 | 3.01 | 1.53 | 6.89 | 8.07 | 3.38 | 20.37 |
| 1993 | 3.41 | 1.67 | 7.99 | 2.95 | 1.48 | 6.78 | 7.69 | 3.14 | 19.63 |
| 1994 | 3.38 | 1.66 | 7.86 | 3.00 | 1.50 | 6.93 | 6.71 | 2.85 | 16.82 |
| 1995 | 3.24 | 1.63 | 7.47 | 2.82 | 1.45 | 6.39 | 6.98 | 2.97 | 17.50 |
| 1996 | 3.21 | 1.58 | 7.49 | 2.87 | 1.47 | 6.54 | 6.20 | 2.52 | 15.85 |
| 1997 | 3.14 | 1.61 | 7.16 | 2.76 | 1.45 | 6.20 | 6.47 | 2.84 | 15.98 |
| 1998 | 2.98 | 1.57 | 6.66 | 2.65 | 1.45 | 5.77 | 5.91 | 2.55 | 14.72 |
| 1999 | 2.83 | 1.37 | 6.66 | 2.57 | 1.33 | 5.82 | 5.41 | 1.88 | 14.64 |
| 2000 | 2.78 | 1.36 | 6.52 | 2.47 | 1.25 | 5.68 | 5.43 | 2.17 | 13.97 |
| 2001 | 2.67 | 1.37 | 6.09 | 2.43 | 1.32 | 5.36 | 4.83 | 1.92 | 12.45 |
| 2002 | 2.55 | 1.29 | 5.87 | 2.28 | 1.20 | 5.12 | 4.96 | 2.06 | 12.56 |
| 2003 | 2.49 | 1.24 | 5.75 | 2.24 | 1.16 | 5.06 | 4.65 | 1.92 | 11.79 |
| 2004 | 2.42 | 1.26 | 5.45 | 2.18 | 1.18 | 4.80 | 4.50 | 1.91 | 11.28 |
| 2005 | 2.42 | 1.24 | 5.51 | 2.21 | 1.17 | 4.94 | 4.36 | 1.94 | 10.67 |
| 2006 | 2.42 | 1.24 | 5.53 | 2.21 | 1.16 | 4.97 | 4.31 | 1.88 | 10.65 |
| 2007 | 2.42 | 1.21 | 5.56 | 2.21 | 1.15 | 4.99 | 4.29 | 1.88 | 10.62 |
| 2008 | 2.37 | 1.21 | 5.42 | 2.17 | 1.14 | 4.86 | 4.15 | 1.77 | 10.37 |
| 2009 | 2.29 | 1.22 | 5.08 | 2.08 | 1.15 | 4.50 | 4.14 | 1.81 | 10.24 |
| 2010 | 2.26 | 1.16 | 5.15 | 2.09 | 1.13 | 4.63 | 3.89 | 1.67 | 9.70 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 6.5
Cancer of the Colon and Rectum (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 59.53 | 68.44 | 53.66 | 60.18 | 69.75 | 54.05 | 56.85 | 59.33 | 54.66 |
| 1976 | 61.35 | 71.72 | 54.13 | 62.14 | 72.66 | 55.01 | 55.04 | 58.53 | 51.28 |
| 1977 | 62.40 | 73.49 | 54.96 | 63.19 | 74.32 | 55.77 | 60.69 | 75.66 | 51.47 |
| 1978 | 62.04 | 72.37 | 55.26 | 62.79 | 73.90 | 55.60 | 62.04 | 65.70 | 60.42 |
| 1979 | 62.38 | 74.11 | 54.59 | 62.96 | 75.20 | 54.96 | 58.57 | 61.64 | 56.29 |
| 1980 | 63.75 | 74.55 | 56.54 | 63.95 | 74.88 | 56.83 | 70.83 | 79.71 | 64.23 |
| 1981 | 64.25 | 75.83 | 56.50 | 64.89 | 76.70 | 57.16 | 62.76 | 72.77 | 55.94 |
| 1982 | 62.79 | 75.18 | 54.51 | 63.44 | 76.24 | 55.05 | 61.26 | 68.98 | 55.93 |
| 1983 | 63.67 | 75.60 | 55.61 | 64.29 | 76.60 | 56.06 | 66.68 | 75.69 | 61.01 |
| 1984 | 64.83 | 77.67 | 56.08 | 65.84 | 79.31 | 56.72 | 62.41 | 70.28 | 58.22 |
| 1985 | 66.31 | 79.17 | 57.34 | 67.22 | 80.21 | 58.40 | 63.97 | 74.31 | 56.29 |
| 1986 | 64.19 | 77.79 | 54.72 | 64.61 | 78.91 | 54.77 | 64.63 | 73.13 | 58.65 |
| 1987 | 62.71 | 77.49 | 52.66 | 62.89 | 78.22 | 52.61 | 66.25 | 77.53 | 59.05 |
| 1988 | 61.38 | 75.20 | 51.81 | 61.57 | 75.80 | 51.76 | 63.00 | 72.45 | 56.61 |
| 1989 | 61.71 | 74.99 | 52.43 | 61.98 | 75.47 | 52.69 | 64.53 | 79.48 | 54.72 |
| 1990 | 60.72 | 74.38 | 51.30 | 60.71 | 74.81 | 51.06 | 66.76 | 74.93 | 61.63 |
| 1991 | 59.49 | 72.92 | 50.05 | 59.33 | 73.17 | 49.69 | 65.67 | 76.38 | 58.23 |
| 1992 | 58.00 | 70.41 | 49.22 | 57.88 | 70.72 | 48.76 | 65.48 | 78.55 | 57.29 |
| 1993 | 56.80 | 68.45 | 48.32 | 56.35 | 68.13 | 47.81 | 64.52 | 78.09 | 55.33 |
| 1994 | 55.64 | 66.27 | 47.75 | 55.42 | 66.36 | 47.22 | 64.48 | 75.27 | 58.07 |
| 1995 | 54.07 | 63.86 | 46.95 | 53.74 | 63.47 | 46.64 | 62.00 | 71.33 | 56.04 |
| 1996 | 54.81 | 65.62 | 46.71 | 54.80 | 65.97 | 46.44 | 58.63 | 66.78 | 53.03 |
| 1997 | 56.45 | 68.14 | 47.98 | 56.46 | 67.99 | 48.09 | 64.60 | 77.48 | 56.26 |
| 1998 | 56.83 | 67.14 | 49.34 | 56.81 | 67.40 | 49.09 | 63.04 | 74.05 | 56.16 |
| 1999 | 55.54 | 65.79 | 47.91 | 55.36 | 65.92 | 47.26 | 63.20 | 71.93 | 58.12 |
| 2000 | 54.21 | 63.76 | 46.83 | 53.87 | 63.21 | 46.56 | 64.35 | 73.75 | 58.22 |
| 2001 | 53.66 | 63.12 | 46.28 | 53.04 | 62.69 | 45.40 | 64.32 | 74.78 | 57.63 |
| 2002 | 53.26 | 61.65 | 46.71 | 52.37 | 60.39 | 45.99 | 63.26 | 74.43 | 56.43 |
| 2003 | 50.94 | 59.65 | 44.05 | 50.34 | 58.74 | 43.53 | 62.48 | 75.16 | 54.65 |
| 2004 | 50.02 | 58.76 | 43.28 | 49.18 | 58.15 | 42.12 | 62.46 | 74.04 | 54.79 |
| 2005 | 47.98 | 55.47 | 42.02 | 47.55 | 55.35 | 41.21 | 58.11 | 64.63 | 54.58 |
| 2006 | 47.05 | 53.48 | 41.83 | 46.24 | 52.75 | 40.79 | 57.85 | 65.05 | 53.22 |
| 2007 | 46.57 | 53.50 | 40.90 | 45.62 | 52.26 | 40.11 | 57.55 | 65.71 | 51.73 |
| 2008 | 45.51 | 51.84 | 40.27 | 44.71 | 50.78 | 39.63 | 54.46 | 64.03 | 47.42 |
| 2009 | 43.44 | 49.15 | 38.78 | 42.11 | 47.58 | 37.51 | 53.44 | 60.71 | 48.97 |
| 2010 | 41.36 | 47.50 | 36.39 | 39.89 | 45.85 | 34.89 | 49.76 | 57.50 | 44.72 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 6.6
Cancer of the Colon and Rectum (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 55.58 | 65.47 | 48.28 | 55.66 | 65.67 | 48.25 | 61.16 | 70.59 | 55.01 |
| 1975 | 59.53 | 68.44 | 53.66 | 60.18 | 69.75 | 54.05 | 56.85 | 59.33 | 54.66 |
| 1976 | 61.35 | 71.72 | 54.13 | 62.14 | 72.66 | 55.01 | 55.04 | 58.53 | 51.28 |
| 1977 | 62.40 | 73.49 | 54.96 | 63.19 | 74.32 | 55.77 | 60.69 | 75.66 | 51.47 |
| 1978 | 62.04 | 72.37 | 55.26 | 62.79 | 73.90 | 55.60 | 62.04 | 65.70 | 60.42 |
| 1979 | 62.38 | 74.11 | 54.59 | 62.96 | 75.20 | 54.96 | 58.57 | 61.64 | 56.29 |
| 1980 | 63.75 | 74.55 | 56.54 | 63.95 | 74.88 | 56.83 | 70.83 | 79.71 | 64.23 |
| 1981 | 64.25 | 75.83 | 56.50 | 64.89 | 76.70 | 57.16 | 62.76 | 72.77 | 55.94 |
| 1982 | 62.78 | 75.18 | 54.51 | 63.43 | 76.24 | 55.04 | 61.25 | 68.97 | 55.92 |
| 1983 | 63.67 | 75.59 | 55.60 | 64.28 | 76.59 | 56.06 | 66.66 | 75.67 | 60.99 |
| 1984 | 64.82 | 77.66 | 56.08 | 65.83 | 79.29 | 56.71 | 62.39 | 70.26 | 58.20 |
| 1985 | 66.30 | 79.16 | 57.33 | 67.21 | 80.20 | 58.38 | 63.94 | 74.28 | 56.27 |
| 1986 | 64.19 | 77.78 | 54.71 | 64.59 | 78.88 | 54.75 | 64.59 | 73.09 | 58.62 |
| 1987 | 62.70 | 77.48 | 52.65 | 62.87 | 78.20 | 52.59 | 66.21 | 77.48 | 59.01 |
| 1988 | 61.37 | 75.19 | 51.80 | 61.55 | 75.77 | 51.74 | 62.96 | 72.41 | 56.57 |
| 1989 | 61.69 | 74.98 | 52.41 | 61.95 | 75.43 | 52.66 | 64.47 | 79.41 | 54.67 |
| 1990 | 60.70 | 74.36 | 51.29 | 60.67 | 74.77 | 51.03 | 66.69 | 74.85 | 61.57 |
| 1991 | 59.48 | 72.91 | 50.04 | 59.29 | 73.12 | 49.65 | 65.59 | 76.29 | 58.16 |
| 1992 | 57.99 | 70.39 | 49.21 | 57.83 | 70.66 | 48.73 | 65.40 | 78.45 | 57.22 |
| 1993 | 56.79 | 68.42 | 48.30 | 56.31 | 68.07 | 47.77 | 64.43 | 77.98 | 55.25 |
| 1994 | 55.62 | 66.24 | 47.72 | 55.37 | 66.30 | 47.17 | 64.38 | 75.15 | 57.98 |
| 1995 | 54.04 | 63.82 | 46.93 | 53.69 | 63.41 | 46.59 | 61.90 | 71.21 | 55.95 |
| 1996 | 54.77 | 65.58 | 46.68 | 54.74 | 65.90 | 46.39 | 58.52 | 66.66 | 52.93 |
| 1997 | 56.41 | 68.09 | 47.94 | 56.39 | 67.92 | 48.03 | 64.47 | 77.33 | 56.15 |
| 1998 | 56.78 | 67.08 | 49.30 | 56.75 | 67.32 | 49.04 | 62.91 | 73.91 | 56.05 |
| 1999 | 55.46 | 65.71 | 47.84 | 55.28 | 65.82 | 47.19 | 63.04 | 71.75 | 57.98 |
| 2000 | 54.12 | 63.66 | 46.75 | 53.78 | 63.10 | 46.48 | 64.18 | 73.54 | 58.06 |
| 2001 | 53.55 | 63.00 | 46.18 | 52.94 | 62.57 | 45.32 | 64.13 | 74.56 | 57.46 |
| 2002 | 53.13 | 61.51 | 46.60 | 52.27 | 60.28 | 45.90 | 63.06 | 74.19 | 56.25 |
| 2003 | 50.79 | 59.49 | 43.91 | 50.23 | 58.61 | 43.44 | 62.25 | 74.89 | 54.45 |
| 2004 | 49.85 | 58.56 | 43.12 | 49.05 | 58.00 | 42.01 | 62.20 | 73.73 | 54.56 |
| 2005 | 47.77 | 55.24 | 41.83 | 47.41 | 55.18 | 41.09 | 57.82 | 64.31 | 54.32 |
| 2006 | 46.80 | 53.21 | 41.60 | 46.07 | 52.56 | 40.64 | 57.51 | 64.68 | 52.91 |
| 2007 | 46.28 | 53.17 | 40.63 | 45.40 | 52.02 | 39.92 | 57.13 | 65.23 | 51.36 |
| 2008 | 45.16 | 51.45 | 39.94 | 44.44 | 50.46 | 39.38 | 53.95 | 63.43 | 46.98 |
| 2009 | 43.03 | 48.70 | 38.40 | 41.73 | 47.15 | 37.18 | 52.73 | 59.91 | 48.32 |
| 2010 | 40.58 | 46.62 | 35.68 | 39.21 | 45.06 | 34.29 | 48.56 | 56.12 | 43.64 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 6.7
Cancer of the Colon (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 40.08 | 45.52 | 36.15 | 40.09 | 45.64 | 36.07 | 46.89 | 53.03 | 43.03 |
| 1975 | 41.35 | 45.40 | 38.91 | 41.73 | 46.13 | 39.15 | 42.83 | 44.14 | 41.64 |
| 1976 | 43.05 | 47.75 | 39.95 | 43.44 | 48.19 | 40.39 | 43.08 | 43.60 | 41.91 |
| 1977 | 43.97 | 49.55 | 40.36 | 44.66 | 50.06 | 41.19 | 45.39 | 58.33 | 37.66 |
| 1978 | 43.85 | 49.12 | 40.59 | 44.11 | 49.86 | 40.63 | 47.65 | 48.81 | 47.67 |
| 1979 | 43.77 | 50.20 | 39.62 | 44.11 | 51.03 | 39.72 | 44.68 | 45.58 | 43.97 |
| 1980 | 45.57 | 50.67 | 42.34 | 45.58 | 50.88 | 42.33 | 55.19 | 58.35 | 52.85 |
| 1981 | 45.48 | 51.34 | 41.73 | 45.89 | 51.94 | 42.14 | 46.85 | 50.60 | 44.36 |
| 1982 | 45.76 | 53.44 | 40.68 | 46.07 | 54.08 | 40.85 | 48.27 | 52.48 | 45.19 |
| 1983 | 46.11 | 53.04 | 41.63 | 46.42 | 53.50 | 41.87 | 50.20 | 58.52 | 45.25 |
| 1984 | 46.51 | 54.58 | 41.32 | 47.04 | 55.58 | 41.57 | 48.68 | 54.02 | 46.05 |
| 1985 | 47.88 | 55.03 | 42.97 | 48.41 | 55.61 | 43.66 | 49.94 | 57.49 | 44.21 |
| 1986 | 46.80 | 54.37 | 41.58 | 47.07 | 55.17 | 41.52 | 49.29 | 55.41 | 45.33 |
| 1987 | 45.23 | 54.43 | 39.16 | 45.14 | 54.51 | 39.07 | 51.35 | 59.84 | 45.73 |
| 1988 | 44.30 | 52.60 | 38.66 | 44.28 | 52.87 | 38.43 | 48.75 | 54.02 | 45.27 |
| 1989 | 44.37 | 52.45 | 38.96 | 44.48 | 52.50 | 39.19 | 48.95 | 60.41 | 41.62 |
| 1990 | 44.20 | 51.99 | 38.93 | 44.06 | 52.02 | 38.74 | 52.08 | 57.83 | 48.56 |
| 1991 | 43.60 | 51.84 | 37.91 | 43.29 | 51.86 | 37.40 | 51.74 | 57.75 | 47.67 |
| 1992 | 42.29 | 49.63 | 37.23 | 42.05 | 49.74 | 36.73 | 50.83 | 60.31 | 45.17 |
| 1993 | 41.60 | 48.95 | 36.31 | 41.06 | 48.64 | 35.64 | 51.16 | 60.56 | 45.02 |
| 1994 | 40.84 | 46.91 | 36.35 | 40.62 | 47.00 | 35.83 | 50.07 | 56.95 | 46.30 |
| 1995 | 39.66 | 45.06 | 35.85 | 39.30 | 44.68 | 35.47 | 48.73 | 54.90 | 45.32 |
| 1996 | 39.38 | 45.40 | 34.88 | 39.31 | 45.81 | 34.44 | 44.63 | 48.54 | 42.04 |
| 1997 | 41.10 | 48.38 | 35.98 | 41.11 | 48.26 | 36.14 | 49.21 | 59.02 | 42.63 |
| 1998 | 41.06 | 46.87 | 37.04 | 40.99 | 47.18 | 36.62 | 47.59 | 54.38 | 43.98 |
| 1999 | 39.80 | 45.44 | 35.67 | 39.59 | 45.45 | 35.14 | 48.41 | 54.74 | 44.84 |
| 2000 | 39.37 | 44.45 | 35.48 | 39.01 | 43.96 | 35.17 | 50.93 | 57.16 | 47.06 |
| 2001 | 39.22 | 44.11 | 35.49 | 38.81 | 43.85 | 34.88 | 48.96 | 55.68 | 44.77 |
| 2002 | 38.68 | 43.31 | 35.10 | 37.91 | 42.20 | 34.50 | 49.59 | 57.34 | 44.82 |
| 2003 | 36.97 | 41.47 | 33.37 | 36.59 | 40.75 | 33.15 | 47.57 | 56.60 | 42.10 |
| 2004 | 36.32 | 41.40 | 32.51 | 35.78 | 41.08 | 31.72 | 47.40 | 54.72 | 42.65 |
| 2005 | 34.45 | 38.01 | 31.65 | 34.23 | 38.12 | 31.08 | 44.16 | 48.61 | 42.09 |
| 2006 | 33.92 | 37.33 | 31.14 | 33.44 | 36.90 | 30.53 | 44.44 | 49.17 | 41.34 |
| 2007 | 33.01 | 36.12 | 30.53 | 32.65 | 35.72 | 30.20 | 42.24 | 46.28 | 39.20 |
| 2008 | 32.66 | 35.89 | 29.98 | 32.37 | 35.53 | 29.71 | 40.00 | 45.67 | 35.88 |
| 2009 | 30.80 | 33.27 | 28.82 | 30.04 | 32.47 | 27.99 | 39.04 | 43.73 | 36.55 |
| 2010 | 28.72 | 32.03 | 26.05 | 27.95 | 31.10 | 25.28 | 35.38 | 40.25 | 32.42 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 6.8
Cancer of the Rectum (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 15.50 | 19.95 | 12.13 | 15.56 | 20.03 | 12.18 | 14.28 | 17.56 | 11.98 |
| 1975 | 18.18 | 23.04 | 14.75 | 18.45 | 23.62 | 14.89 | 14.02 | 15.19 | 13.01 |
| 1976 | 18.30 | 23.97 | 14.18 | 18.70 | 24.48 | 14.63 | 11.96 | 14.93 | 9.37 |
| 1977 | 18.43 | 23.94 | 14.60 | 18.53 | 24.26 | 14.58 | 15.30 | 17.33 | 13.81 |
| 1978 | 18.19 | 23.25 | 14.67 | 18.67 | 24.03 | 14.97 | 14.39 | 16.89 | 12.76 |
| 1979 | 18.61 | 23.91 | 14.97 | 18.85 | 24.17 | 15.24 | 13.90 | 16.06 | 12.31 |
| 1980 | 18.18 | 23.88 | 14.20 | 18.37 | 24.00 | 14.51 | 15.65 | 21.36 | 11.38 |
| 1981 | 18.77 | 24.49 | 14.77 | 19.00 | 24.76 | 15.02 | 15.92 | 22.17 | 11.59 |
| 1982 | 17.02 | 21.74 | 13.83 | 17.36 | 22.15 | 14.19 | 12.98 | 16.49 | 10.73 |
| 1983 | 17.56 | 22.56 | 13.98 | 17.86 | 23.09 | 14.18 | 16.46 | 17.15 | 15.75 |
| 1984 | 18.31 | 23.08 | 14.76 | 18.80 | 23.72 | 15.15 | 13.71 | 16.24 | 12.15 |
| 1985 | 18.42 | 24.13 | 14.36 | 18.79 | 24.59 | 14.72 | 14.00 | 16.79 | 12.06 |
| 1986 | 17.39 | 23.41 | 13.13 | 17.52 | 23.72 | 13.23 | 15.31 | 17.68 | 13.28 |
| 1987 | 17.47 | 23.05 | 13.50 | 17.73 | 23.69 | 13.52 | 14.87 | 17.64 | 13.29 |
| 1988 | 17.07 | 22.59 | 13.14 | 17.27 | 22.90 | 13.31 | 14.21 | 18.38 | 11.30 |
| 1989 | 17.32 | 22.52 | 13.45 | 17.47 | 22.93 | 13.47 | 15.52 | 19.00 | 13.05 |
| 1990 | 16.51 | 22.37 | 12.36 | 16.61 | 22.75 | 12.29 | 14.61 | 17.02 | 13.01 |
| 1991 | 15.88 | 21.07 | 12.13 | 16.00 | 21.27 | 12.25 | 13.85 | 18.55 | 10.50 |
| 1992 | 15.70 | 20.76 | 11.97 | 15.78 | 20.92 | 11.99 | 14.57 | 18.14 | 12.05 |
| 1993 | 15.19 | 19.48 | 11.99 | 15.25 | 19.43 | 12.13 | 13.27 | 17.42 | 10.22 |
| 1994 | 14.78 | 19.33 | 11.37 | 14.75 | 19.29 | 11.35 | 14.32 | 18.21 | 11.68 |
| 1995 | 14.38 | 18.76 | 11.07 | 14.39 | 18.73 | 11.12 | 13.16 | 16.31 | 10.63 |
| 1996 | 15.39 | 20.17 | 11.80 | 15.43 | 20.10 | 11.95 | 13.90 | 18.12 | 10.89 |
| 1997 | 15.30 | 19.70 | 11.96 | 15.29 | 19.66 | 11.89 | 15.27 | 18.31 | 13.52 |
| 1998 | 15.72 | 20.21 | 12.26 | 15.76 | 20.14 | 12.41 | 15.32 | 19.52 | 12.07 |
| 1999 | 15.66 | 20.27 | 12.17 | 15.68 | 20.38 | 12.05 | 14.64 | 17.01 | 13.13 |
| 2000 | 14.75 | 19.22 | 11.27 | 14.78 | 19.15 | 11.31 | 13.25 | 16.39 | 11.01 |
| 2001 | 14.34 | 18.90 | 10.70 | 14.13 | 18.72 | 10.44 | 15.16 | 18.88 | 12.68 |
| 2002 | 14.45 | 18.20 | 11.50 | 14.37 | 18.07 | 11.40 | 13.47 | 16.86 | 11.43 |
| 2003 | 13.82 | 18.02 | 10.54 | 13.64 | 17.86 | 10.29 | 14.68 | 18.29 | 12.35 |
| 2004 | 13.53 | 17.16 | 10.61 | 13.28 | 16.91 | 10.29 | 14.80 | 19.01 | 11.91 |
| 2005 | 13.33 | 17.23 | 10.19 | 13.17 | 17.06 | 10.00 | 13.67 | 15.71 | 12.22 |
| 2006 | 12.88 | 15.88 | 10.46 | 12.63 | 15.66 | 10.12 | 13.08 | 15.51 | 11.57 |
| 2007 | 13.27 | 17.05 | 10.11 | 12.76 | 16.30 | 9.72 | 14.89 | 18.95 | 12.16 |
| 2008 | 12.50 | 15.56 | 9.96 | 12.07 | 14.93 | 9.67 | 13.95 | 17.76 | 11.10 |
| 2009 | 12.23 | 15.43 | 9.59 | 11.69 | 14.68 | 9.19 | 13.69 | 16.18 | 11.77 |
| 2010 | 11.86 | 14.59 | 9.63 | 11.26 | 13.96 | 9.01 | 13.17 | 15.87 | 11.22 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 6.9
Cancer of the Colon and Rectum (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 22.37 | 26.94 | 19.17 | 22.11 | 26.70 | 18.88 | 27.45 | 32.92 | 23.96 |
| 1975 | 28.09 | 32.84 | 24.96 | 28.30 | 33.24 | 25.06 | 26.79 | 30.09 | 24.55 |
| 1976 | 28.58 | 33.34 | 25.44 | 28.74 | 33.76 | 25.45 | 28.23 | 31.16 | 26.26 |
| 1977 | 28.19 | 33.21 | 24.87 | 28.34 | 33.49 | 24.97 | 27.61 | 31.44 | 24.92 |
| 1978 | 28.54 | 33.75 | 25.13 | 28.70 | 34.12 | 25.17 | 27.91 | 31.20 | 25.66 |
| 1979 | 28.15 | 33.56 | 24.63 | 28.25 | 33.92 | 24.57 | 28.16 | 31.57 | 25.96 |
| 1980 | 28.05 | 33.74 | 24.35 | 28.12 | 33.99 | 24.32 | 28.81 | 33.18 | 25.89 |
| 1981 | 27.52 | 32.95 | 23.97 | 27.53 | 33.16 | 23.85 | 28.93 | 32.83 | 26.32 |
| 1982 | 27.24 | 32.96 | 23.55 | 27.21 | 33.11 | 23.42 | 29.11 | 33.71 | 26.12 |
| 1983 | 27.12 | 33.08 | 23.23 | 27.13 | 33.32 | 23.11 | 28.67 | 32.90 | 25.82 |
| 1984 | 27.35 | 33.02 | 23.61 | 27.30 | 33.12 | 23.49 | 29.58 | 34.65 | 26.22 |
| 1985 | 26.93 | 32.66 | 23.11 | 26.75 | 32.74 | 22.77 | 30.49 | 34.10 | 28.04 |
| 1986 | 26.16 | 32.05 | 22.31 | 26.00 | 32.01 | 22.07 | 29.82 | 35.36 | 26.35 |
| 1987 | 25.89 | 31.91 | 21.95 | 25.68 | 31.85 | 21.63 | 29.85 | 35.10 | 26.48 |
| 1988 | 25.28 | 31.08 | 21.46 | 25.08 | 31.04 | 21.16 | 29.18 | 34.29 | 25.88 |
| 1989 | 25.01 | 30.80 | 21.16 | 24.70 | 30.52 | 20.82 | 30.05 | 36.37 | 26.07 |
| 1990 | 24.65 | 30.77 | 20.64 | 24.25 | 30.43 | 20.18 | 30.77 | 37.64 | 26.59 |
| 1991 | 24.01 | 29.64 | 20.30 | 23.63 | 29.35 | 19.85 | 30.02 | 35.80 | 26.50 |
| 1992 | 23.62 | 29.32 | 19.85 | 23.25 | 28.99 | 19.42 | 29.47 | 36.23 | 25.43 |
| 1993 | 23.31 | 28.56 | 19.77 | 22.88 | 28.18 | 19.28 | 29.77 | 35.84 | 26.04 |
| 1994 | 22.92 | 28.28 | 19.28 | 22.50 | 27.89 | 18.84 | 29.04 | 35.66 | 24.88 |
| 1995 | 22.59 | 27.65 | 19.14 | 22.11 | 27.16 | 18.64 | 29.54 | 36.30 | 25.47 |
| 1996 | 21.86 | 26.71 | 18.51 | 21.39 | 26.29 | 17.98 | 28.59 | 34.52 | 24.86 |
| 1997 | 21.47 | 26.23 | 18.11 | 20.95 | 25.68 | 17.59 | 28.84 | 35.07 | 24.80 |
| 1998 | 21.19 | 25.62 | 18.03 | 20.68 | 25.13 | 17.48 | 28.31 | 33.90 | 24.78 |
| 1999 | 20.93 | 25.48 | 17.75 | 20.43 | 24.99 | 17.20 | 28.51 | 34.50 | 24.70 |
| 2000 | 20.67 | 25.08 | 17.50 | 20.16 | 24.46 | 17.02 | 28.15 | 34.98 | 23.88 |
| 2001 | 20.16 | 24.37 | 17.12 | 19.61 | 23.83 | 16.52 | 27.75 | 33.39 | 24.26 |
| 2002 | 19.76 | 24.01 | 16.63 | 19.24 | 23.39 | 16.13 | 27.08 | 33.73 | 22.96 |
| 2003 | 19.15 | 23.18 | 16.19 | 18.61 | 22.62 | 15.62 | 26.64 | 32.49 | 22.92 |
| 2004 | 18.10 | 21.81 | 15.34 | 17.61 | 21.28 | 14.85 | 25.01 | 30.64 | 21.41 |
| 2005 | 17.56 | 21.22 | 14.83 | 17.00 | 20.60 | 14.27 | 25.13 | 30.87 | 21.45 |
| 2006 | 17.28 | 20.70 | 14.73 | 16.77 | 20.04 | 14.27 | 24.43 | 31.28 | 20.30 |
| 2007 | 16.91 | 20.23 | 14.36 | 16.43 | 19.66 | 13.90 | 23.56 | 29.29 | 19.87 |
| 2008 | 16.46 | 19.64 | 13.98 | 15.96 | 18.99 | 13.54 | 22.84 | 28.73 | 18.95 |
| 2009 | 15.81 | 19.06 | 13.28 | 15.37 | 18.57 | 12.84 | 21.89 | 26.98 | 18.54 |
| 2010 | 15.51 | 18.75 | 12.99 | 15.04 | 18.15 | 12.57 | 21.51 | 27.48 | 17.63 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 7.4
Cancer of the Corpus and Uterus, NOS (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|------|--------|---------------|------|--------|---------------|------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975 | 35.47 | 6.48 | 111.37 | 37.32 | 6.81 | 117.22 | 19.91 | 3.64 | 62.51 |
| 1976 | 34.37 | 6.20 | 108.12 | 36.25 | 6.28 | 114.71 | 17.61 | 3.29 | 55.11 |
| 1977 | 31.68 | 5.75 | 99.58 | 33.17 | 5.91 | 104.56 | 20.06 | 3.52 | 63.37 |
| 1978 | 30.05 | 6.10 | 92.76 | 31.66 | 6.31 | 98.05 | 18.74 | 3.94 | 57.49 |
| 1979 | 27.90 | 5.31 | 87.06 | 29.25 | 5.32 | 91.90 | 16.96 | 3.94 | 51.06 |
| 1980 | 27.31 | 4.97 | 85.81 | 28.52 | 4.95 | 90.25 | 16.22 | - | 52.13 |
| 1981 | 27.26 | 5.60 | 83.98 | 28.34 | 5.45 | 88.26 | 17.42 | 2.86 | 55.52 |
| 1982 | 26.80 | 5.08 | 83.70 | 28.24 | 5.24 | 88.44 | 17.10 | 2.49 | 55.34 |
| 1983 | 26.52 | 4.86 | 83.25 | 27.79 | 4.91 | 87.71 | 18.82 | 3.38 | 59.27 |
| 1984 | 25.71 | 4.62 | 80.92 | 27.16 | 4.89 | 85.48 | 17.39 | - | 58.38 |
| 1985 | 25.25 | 4.63 | 79.24 | 26.57 | 4.83 | 83.50 | 17.42 | 2.23 | 57.21 |
| 1986 | 24.40 | 4.84 | 75.63 | 25.64 | 5.01 | 79.66 | 16.80 | 2.54 | 54.13 |
| 1987 | 24.72 | 5.01 | 76.34 | 26.12 | 5.28 | 80.71 | 15.79 | - | 51.84 |
| 1988 | 23.59 | 4.54 | 73.46 | 24.61 | 4.46 | 77.37 | 16.99 | 2.97 | 53.71 |
| 1989 | 24.44 | 4.49 | 76.68 | 25.53 | 4.78 | 79.84 | 19.39 | 1.78 | 65.49 |
| 1990 | 25.06 | 4.62 | 78.59 | 26.55 | 4.83 | 83.44 | 16.95 | 2.29 | 55.36 |
| 1991 | 24.65 | 4.37 | 77.73 | 26.01 | 4.48 | 82.39 | 17.51 | 3.12 | 55.19 |
| 1992 | 24.81 | 4.86 | 77.04 | 26.18 | 4.87 | 81.98 | 16.97 | 2.89 | 53.85 |
| 1993 | 24.30 | 5.19 | 74.35 | 25.69 | 5.14 | 79.49 | 17.10 | 3.49 | 52.75 |
| 1994 | 25.16 | 5.04 | 77.85 | 26.37 | 5.05 | 82.19 | 17.66 | 2.51 | 57.32 |
| 1995 | 25.34 | 4.71 | 79.37 | 26.53 | 4.65 | 83.84 | 18.81 | 2.66 | 61.09 |
| 1996 | 24.94 | 4.51 | 78.43 | 25.99 | 4.37 | 82.59 | 19.46 | 3.18 | 62.10 |
| 1997 | 25.90 | 5.05 | 80.52 | 27.39 | 5.04 | 85.94 | 16.53 | 2.47 | 53.34 |
| 1998 | 25.75 | 4.85 | 80.48 | 27.14 | 4.83 | 85.56 | 19.44 | 3.08 | 62.27 |
| 1999 | 25.36 | 5.19 | 78.16 | 26.83 | 5.07 | 83.79 | 17.78 | 2.98 | 56.54 |
| 2000 | 24.85 | 5.23 | 76.22 | 26.26 | 5.38 | 80.93 | 18.03 | 3.02 | 57.33 |
| 2001 | 25.32 | 5.13 | 78.20 | 26.79 | 4.99 | 83.90 | 19.46 | 4.09 | 59.71 |
| 2002 | 24.94 | 5.05 | 77.02 | 25.38 | 4.60 | 79.81 | 23.40 | 4.75 | 72.23 |
| 2003 | 24.39 | 5.31 | 74.35 | 25.59 | 5.29 | 78.75 | 20.40 | 3.86 | 63.71 |
| 2004 | 25.13 | 5.56 | 76.39 | 26.16 | 5.28 | 80.82 | 20.76 | 3.88 | 64.98 |
| 2005 | 25.02 | 5.56 | 75.97 | 25.93 | 5.42 | 79.65 | 23.34 | 4.16 | 73.57 |
| 2006 | 24.67 | 5.16 | 75.77 | 26.12 | 5.09 | 81.20 | 19.53 | 3.74 | 60.88 |
| 2007 | 25.30 | 5.83 | 76.27 | 26.19 | 5.90 | 79.34 | 22.55 | 3.55 | 72.29 |
| 2008 | 26.15 | 6.03 | 78.83 | 26.82 | 5.77 | 81.95 | 24.49 | 4.36 | 77.20 |
| 2009 | 27.43 | 6.01 | 83.53 | 28.18 | 5.95 | 86.40 | 25.30 | 3.77 | 81.66 |
| 2010 | 27.51 | 6.26 | 83.16 | 28.17 | 6.04 | 86.12 | 25.24 | 3.99 | 80.87 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 7.5
Cancer of the Corpus and Uterus, NOS (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|------|--------|---------------|------|--------|---------------|------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 26.25 | 5.19 | 81.38 | 27.52 | 5.18 | 86.03 | 19.43 | 3.25 | 61.80 |
| 1975 | 35.47 | 6.48 | 111.37 | 37.32 | 6.81 | 117.22 | 19.91 | 3.64 | 62.51 |
| 1976 | 34.37 | 6.20 | 108.12 | 36.25 | 6.28 | 114.71 | 17.61 | 3.29 | 55.11 |
| 1977 | 31.68 | 5.75 | 99.58 | 33.17 | 5.91 | 104.56 | 20.06 | 3.52 | 63.37 |
| 1978 | 30.05 | 6.10 | 92.76 | 31.66 | 6.31 | 98.05 | 18.74 | 3.94 | 57.49 |
| 1979 | 27.90 | 5.31 | 87.06 | 29.25 | 5.32 | 91.90 | 16.96 | 3.94 | 51.06 |
| 1980 | 27.31 | 4.97 | 85.81 | 28.52 | 4.95 | 90.25 | 16.22 | - | 52.13 |
| 1981 | 27.26 | 5.60 | 83.98 | 28.34 | 5.45 | 88.26 | 17.42 | 2.86 | 55.52 |
| 1982 | 26.80 | 5.08 | 83.70 | 28.23 | 5.24 | 88.44 | 17.09 | 2.49 | 55.33 |
| 1983 | 26.52 | 4.86 | 83.25 | 27.79 | 4.91 | 87.70 | 18.81 | 3.37 | 59.25 |
| 1984 | 25.70 | 4.62 | 80.91 | 27.15 | 4.89 | 85.46 | 17.38 | - | 58.35 |
| 1985 | 25.24 | 4.63 | 79.23 | 26.57 | 4.83 | 83.48 | 17.41 | 2.23 | 57.17 |
| 1986 | 24.40 | 4.84 | 75.62 | 25.63 | 5.01 | 79.64 | 16.78 | 2.54 | 54.09 |
| 1987 | 24.71 | 5.00 | 76.33 | 26.12 | 5.28 | 80.68 | 15.77 | - | 51.79 |
| 1988 | 23.58 | 4.54 | 73.44 | 24.60 | 4.46 | 77.34 | 16.97 | 2.97 | 53.65 |
| 1989 | 24.43 | 4.49 | 76.66 | 25.51 | 4.78 | 79.80 | 19.36 | 1.78 | 65.40 |
| 1990 | 25.06 | 4.62 | 78.57 | 26.54 | 4.82 | 83.39 | 16.92 | 2.28 | 55.27 |
| 1991 | 24.64 | 4.37 | 77.70 | 25.99 | 4.48 | 82.34 | 17.48 | 3.12 | 55.09 |
| 1992 | 24.80 | 4.86 | 77.01 | 26.16 | 4.87 | 81.92 | 16.94 | 2.88 | 53.74 |
| 1993 | 24.29 | 5.19 | 74.31 | 25.67 | 5.14 | 79.42 | 17.06 | 3.48 | 52.63 |
| 1994 | 25.15 | 5.03 | 77.81 | 26.34 | 5.04 | 82.11 | 17.61 | 2.51 | 57.17 |
| 1995 | 25.33 | 4.71 | 79.33 | 26.50 | 4.64 | 83.75 | 18.75 | 2.65 | 60.90 |
| 1996 | 24.92 | 4.51 | 78.38 | 25.95 | 4.36 | 82.49 | 19.40 | 3.17 | 61.89 |
| 1997 | 25.88 | 5.04 | 80.46 | 27.36 | 5.03 | 85.82 | 16.47 | 2.46 | 53.15 |
| 1998 | 25.73 | 4.84 | 80.42 | 27.10 | 4.82 | 85.44 | 19.37 | 3.07 | 62.04 |
| 1999 | 25.33 | 5.19 | 78.08 | 26.78 | 5.06 | 83.63 | 17.70 | 2.97 | 56.27 |
| 2000 | 24.82 | 5.23 | 76.13 | 26.20 | 5.37 | 80.75 | 17.93 | 3.00 | 57.02 |
| 2001 | 25.29 | 5.12 | 78.10 | 26.73 | 4.98 | 83.69 | 19.34 | 4.07 | 59.34 |
| 2002 | 24.90 | 5.05 | 76.90 | 25.31 | 4.58 | 79.59 | 23.24 | 4.72 | 71.74 |
| 2003 | 24.35 | 5.31 | 74.22 | 25.51 | 5.27 | 78.50 | 20.24 | 3.83 | 63.23 |
| 2004 | 25.08 | 5.55 | 76.24 | 26.06 | 5.26 | 80.53 | 20.59 | 3.85 | 64.42 |
| 2005 | 24.96 | 5.55 | 75.80 | 25.82 | 5.40 | 79.32 | 23.12 | 4.12 | 72.87 |
| 2006 | 24.61 | 5.14 | 75.58 | 26.00 | 5.06 | 80.81 | 19.32 | 3.70 | 60.22 |
| 2007 | 25.22 | 5.82 | 76.04 | 26.05 | 5.86 | 78.90 | 22.27 | 3.51 | 71.42 |
| 2008 | 26.06 | 6.01 | 78.56 | 26.65 | 5.73 | 81.42 | 24.16 | 4.30 | 76.14 |
| 2009 | 27.32 | 5.98 | 83.20 | 27.97 | 5.91 | 85.76 | 24.91 | 3.72 | 80.39 |
| 2010 | 27.29 | 6.21 | 82.47 | 27.79 | 5.96 | 84.97 | 24.59 | 3.89 | 78.81 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 7.6
Cancer of the Corpus and Uterus, NOS (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Age

| Year of Death: | All Races, Females | | | White Females | | | Black Females | | |
|----------------|--------------------|------|-------|---------------|------|-------|---------------|------|-------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975-2010 | 4.41 | 0.36 | 14.99 | 4.16 | 0.35 | 14.15 | 7.31 | 0.50 | 25.14 |
| 1975 | 5.28 | 0.52 | 17.74 | 5.05 | 0.47 | 17.06 | 7.80 | 0.93 | 25.81 |
| 1976 | 5.33 | 0.53 | 17.90 | 5.11 | 0.49 | 17.19 | 8.07 | 0.86 | 26.96 |
| 1977 | 5.22 | 0.52 | 17.54 | 4.96 | 0.48 | 16.67 | 8.35 | 0.83 | 28.04 |
| 1978 | 5.10 | 0.52 | 17.08 | 4.84 | 0.48 | 16.23 | 8.16 | 0.85 | 27.30 |
| 1979 | 4.99 | 0.40 | 17.01 | 4.74 | 0.36 | 16.19 | 7.90 | 0.73 | 26.66 |
| 1980 | 5.12 | 0.44 | 17.38 | 4.84 | 0.39 | 16.50 | 8.39 | 0.85 | 28.12 |
| 1981 | 4.88 | 0.41 | 16.60 | 4.68 | 0.38 | 15.91 | 7.34 | 0.56 | 25.11 |
| 1982 | 4.85 | 0.41 | 16.49 | 4.61 | 0.40 | 15.65 | 7.61 | 0.43 | 26.40 |
| 1983 | 4.80 | 0.36 | 16.43 | 4.59 | 0.32 | 15.78 | 7.29 | 0.60 | 24.82 |
| 1984 | 4.68 | 0.36 | 15.99 | 4.42 | 0.31 | 15.17 | 7.70 | 0.69 | 26.07 |
| 1985 | 4.61 | 0.36 | 15.74 | 4.39 | 0.34 | 14.99 | 7.37 | 0.51 | 25.33 |
| 1986 | 4.44 | 0.35 | 15.17 | 4.20 | 0.33 | 14.36 | 7.27 | 0.56 | 24.85 |
| 1987 | 4.42 | 0.34 | 15.10 | 4.18 | 0.32 | 14.28 | 7.32 | 0.52 | 25.12 |
| 1988 | 4.35 | 0.31 | 14.90 | 4.09 | 0.30 | 14.01 | 7.40 | 0.46 | 25.57 |
| 1989 | 4.26 | 0.35 | 14.52 | 4.01 | 0.33 | 13.63 | 7.25 | 0.48 | 24.99 |
| 1990 | 4.34 | 0.33 | 14.85 | 4.08 | 0.32 | 13.94 | 7.36 | 0.42 | 25.56 |
| 1991 | 4.18 | 0.33 | 14.24 | 3.90 | 0.31 | 13.30 | 7.29 | 0.49 | 25.08 |
| 1992 | 4.21 | 0.32 | 14.40 | 3.97 | 0.29 | 13.59 | 6.98 | 0.44 | 24.11 |
| 1993 | 4.17 | 0.32 | 14.26 | 3.91 | 0.30 | 13.35 | 7.28 | 0.44 | 25.17 |
| 1994 | 4.15 | 0.28 | 14.29 | 3.91 | 0.28 | 13.41 | 7.06 | 0.34 | 24.67 |
| 1995 | 4.15 | 0.34 | 14.12 | 3.97 | 0.34 | 13.47 | 6.46 | 0.35 | 22.47 |
| 1996 | 4.13 | 0.31 | 14.14 | 3.86 | 0.30 | 13.18 | 7.18 | 0.37 | 25.03 |
| 1997 | 4.00 | 0.31 | 13.67 | 3.78 | 0.31 | 12.85 | 6.74 | 0.30 | 23.62 |
| 1998 | 4.10 | 0.32 | 14.00 | 3.86 | 0.29 | 13.19 | 6.85 | 0.45 | 23.60 |
| 1999 | 4.08 | 0.35 | 13.87 | 3.86 | 0.34 | 13.10 | 6.84 | 0.39 | 23.71 |
| 2000 | 4.11 | 0.35 | 13.95 | 3.84 | 0.34 | 12.99 | 7.23 | 0.40 | 25.11 |
| 2001 | 4.18 | 0.36 | 14.18 | 3.94 | 0.34 | 13.38 | 6.97 | 0.48 | 23.97 |
| 2002 | 4.17 | 0.34 | 14.19 | 3.88 | 0.33 | 13.17 | 7.32 | 0.40 | 25.46 |
| 2003 | 4.14 | 0.34 | 14.10 | 3.89 | 0.31 | 13.27 | 7.05 | 0.49 | 24.23 |
| 2004 | 4.14 | 0.38 | 13.99 | 3.89 | 0.37 | 13.09 | 6.96 | 0.45 | 24.01 |
| 2005 | 4.12 | 0.36 | 13.98 | 3.85 | 0.34 | 13.05 | 7.15 | 0.49 | 24.58 |
| 2006 | 4.23 | 0.37 | 14.34 | 3.95 | 0.36 | 13.35 | 7.34 | 0.45 | 25.39 |
| 2007 | 4.20 | 0.39 | 14.17 | 3.90 | 0.37 | 13.15 | 7.50 | 0.51 | 25.82 |
| 2008 | 4.21 | 0.38 | 14.25 | 3.96 | 0.37 | 13.35 | 7.09 | 0.51 | 24.33 |
| 2009 | 4.17 | 0.38 | 14.11 | 3.89 | 0.39 | 13.04 | 7.42 | 0.42 | 25.74 |
| 2010 | 4.45 | 0.40 | 15.06 | 4.16 | 0.38 | 14.06 | 7.53 | 0.50 | 25.93 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 8.4
Cancer of the Esophagus (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 4.14 | 6.79 | 2.12 | 3.55 | 5.64 | 1.99 | 10.95 | 20.07 | 3.70 |
| 1976 | 4.30 | 6.88 | 2.34 | 3.72 | 5.94 | 2.09 | 10.74 | 16.89 | 5.61 |
| 1977 | 4.06 | 6.57 | 2.19 | 3.33 | 5.26 | 1.92 | 12.02 | 20.89 | 5.44 |
| 1978 | 4.12 | 6.95 | 1.91 | 3.41 | 5.66 | 1.69 | 13.05 | 24.41 | 4.33 |
| 1979 | 4.42 | 7.43 | 2.21 | 3.73 | 6.22 | 1.98 | 12.94 | 23.04 | 5.24 |
| 1980 | 4.27 | 6.87 | 2.28 | 3.54 | 5.75 | 1.86 | 12.32 | 18.79 | 7.41 |
| 1981 | 4.14 | 6.46 | 2.36 | 3.31 | 5.17 | 1.94 | 13.53 | 21.28 | 7.46 |
| 1982 | 4.26 | 6.81 | 2.28 | 3.46 | 5.46 | 1.96 | 13.61 | 22.72 | 6.41 |
| 1983 | 4.29 | 7.42 | 1.95 | 3.57 | 6.11 | 1.77 | 12.23 | 22.22 | 4.26 |
| 1984 | 4.18 | 6.66 | 2.24 | 3.52 | 5.60 | 1.92 | 12.00 | 19.85 | 5.98 |
| 1985 | 4.45 | 7.43 | 2.23 | 3.74 | 6.26 | 1.89 | 12.75 | 22.22 | 5.81 |
| 1986 | 4.64 | 7.50 | 2.46 | 3.90 | 6.25 | 2.18 | 14.07 | 24.02 | 6.31 |
| 1987 | 4.55 | 7.53 | 2.25 | 3.91 | 6.40 | 2.02 | 11.44 | 20.13 | 4.81 |
| 1988 | 4.43 | 7.32 | 2.21 | 3.87 | 6.31 | 2.02 | 11.18 | 19.49 | 4.99 |
| 1989 | 4.40 | 7.30 | 2.21 | 3.77 | 6.20 | 1.96 | 10.49 | 17.29 | 5.39 |
| 1990 | 4.82 | 8.25 | 2.19 | 4.19 | 7.24 | 1.90 | 12.49 | 21.33 | 5.83 |
| 1991 | 4.56 | 7.45 | 2.35 | 4.16 | 6.75 | 2.19 | 10.21 | 17.78 | 4.88 |
| 1992 | 4.60 | 8.01 | 2.00 | 4.21 | 7.40 | 1.80 | 10.69 | 18.24 | 5.32 |
| 1993 | 4.61 | 7.66 | 2.25 | 4.20 | 6.91 | 2.10 | 10.03 | 17.50 | 4.64 |
| 1994 | 4.50 | 7.70 | 2.06 | 4.16 | 7.16 | 1.87 | 9.20 | 14.69 | 5.13 |
| 1995 | 4.36 | 7.07 | 2.20 | 4.07 | 6.61 | 2.06 | 8.45 | 13.78 | 4.37 |
| 1996 | 4.80 | 8.13 | 2.20 | 4.40 | 7.49 | 1.98 | 9.69 | 16.36 | 4.81 |
| 1997 | 4.69 | 7.78 | 2.22 | 4.59 | 7.73 | 2.02 | 7.15 | 10.96 | 4.47 |
| 1998 | 4.73 | 8.18 | 2.04 | 4.52 | 7.94 | 1.87 | 7.81 | 12.54 | 4.32 |
| 1999 | 4.94 | 8.41 | 2.17 | 4.90 | 8.41 | 2.07 | 7.17 | 11.53 | 4.09 |
| 2000 | 4.78 | 8.00 | 2.17 | 4.72 | 8.02 | 2.02 | 7.05 | 10.59 | 4.44 |
| 2001 | 4.83 | 8.48 | 1.92 | 4.84 | 8.43 | 1.93 | 6.35 | 11.46 | 2.62 |
| 2002 | 4.63 | 7.95 | 1.99 | 4.62 | 8.10 | 1.82 | 6.38 | 10.05 | 3.66 |
| 2003 | 4.65 | 8.06 | 1.96 | 4.77 | 8.26 | 1.94 | 6.31 | 10.06 | 3.70 |
| 2004 | 5.32 | 9.00 | 2.39 | 5.45 | 9.29 | 2.35 | 6.11 | 8.91 | 4.05 |
| 2005 | 4.64 | 8.12 | 1.86 | 4.82 | 8.53 | 1.79 | 5.16 | 8.51 | 2.89 |
| 2006 | 4.73 | 7.96 | 2.09 | 4.89 | 8.24 | 2.08 | 5.43 | 8.80 | 2.96 |
| 2007 | 4.72 | 8.13 | 1.98 | 4.90 | 8.47 | 1.98 | 5.22 | 8.32 | 2.93 |
| 2008 | 4.68 | 8.21 | 1.78 | 4.90 | 8.61 | 1.80 | 4.65 | 7.94 | 2.17 |
| 2009 | 4.61 | 7.78 | 2.03 | 4.95 | 8.50 | 1.97 | 4.66 | 6.66 | 3.38 |
| 2010 | 4.43 | 7.68 | 1.75 | 4.57 | 7.95 | 1.71 | 4.69 | 7.44 | 2.83 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 8.5
Cancer of the Esophagus (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.56 | 7.69 | 2.12 | 4.27 | 7.24 | 1.96 | 8.56 | 14.24 | 4.34 |
| 1975 | 4.14 | 6.79 | 2.12 | 3.55 | 5.64 | 1.99 | 10.95 | 20.07 | 3.70 |
| 1976 | 4.30 | 6.88 | 2.34 | 3.72 | 5.94 | 2.09 | 10.74 | 16.89 | 5.61 |
| 1977 | 4.06 | 6.57 | 2.19 | 3.33 | 5.26 | 1.92 | 12.02 | 20.89 | 5.44 |
| 1978 | 4.12 | 6.95 | 1.91 | 3.41 | 5.66 | 1.69 | 13.05 | 24.41 | 4.33 |
| 1979 | 4.42 | 7.43 | 2.21 | 3.73 | 6.22 | 1.98 | 12.94 | 23.04 | 5.24 |
| 1980 | 4.27 | 6.87 | 2.28 | 3.54 | 5.75 | 1.86 | 12.32 | 18.79 | 7.41 |
| 1981 | 4.14 | 6.46 | 2.36 | 3.31 | 5.17 | 1.94 | 13.53 | 21.28 | 7.46 |
| 1982 | 4.26 | 6.81 | 2.28 | 3.46 | 5.46 | 1.96 | 13.61 | 22.72 | 6.41 |
| 1983 | 4.29 | 7.42 | 1.95 | 3.57 | 6.11 | 1.77 | 12.23 | 22.22 | 4.26 |
| 1984 | 4.18 | 6.66 | 2.24 | 3.52 | 5.60 | 1.92 | 12.00 | 19.85 | 5.98 |
| 1985 | 4.45 | 7.43 | 2.22 | 3.74 | 6.26 | 1.89 | 12.75 | 22.22 | 5.81 |
| 1986 | 4.64 | 7.50 | 2.46 | 3.90 | 6.25 | 2.18 | 14.07 | 24.02 | 6.31 |
| 1987 | 4.55 | 7.53 | 2.25 | 3.91 | 6.40 | 2.02 | 11.44 | 20.13 | 4.81 |
| 1988 | 4.43 | 7.32 | 2.21 | 3.87 | 6.31 | 2.02 | 11.18 | 19.49 | 4.99 |
| 1989 | 4.40 | 7.30 | 2.21 | 3.77 | 6.20 | 1.96 | 10.49 | 17.29 | 5.39 |
| 1990 | 4.82 | 8.25 | 2.19 | 4.19 | 7.24 | 1.90 | 12.49 | 21.33 | 5.83 |
| 1991 | 4.56 | 7.45 | 2.35 | 4.16 | 6.75 | 2.19 | 10.21 | 17.78 | 4.88 |
| 1992 | 4.60 | 8.01 | 2.00 | 4.21 | 7.39 | 1.80 | 10.69 | 18.23 | 5.32 |
| 1993 | 4.61 | 7.66 | 2.25 | 4.20 | 6.91 | 2.10 | 10.03 | 17.50 | 4.64 |
| 1994 | 4.50 | 7.70 | 2.06 | 4.16 | 7.16 | 1.87 | 9.20 | 14.68 | 5.13 |
| 1995 | 4.35 | 7.06 | 2.20 | 4.07 | 6.61 | 2.06 | 8.44 | 13.78 | 4.37 |
| 1996 | 4.80 | 8.12 | 2.20 | 4.40 | 7.49 | 1.98 | 9.69 | 16.36 | 4.81 |
| 1997 | 4.69 | 7.78 | 2.22 | 4.59 | 7.73 | 2.02 | 7.15 | 10.96 | 4.46 |
| 1998 | 4.73 | 8.18 | 2.04 | 4.52 | 7.93 | 1.87 | 7.81 | 12.53 | 4.32 |
| 1999 | 4.93 | 8.40 | 2.17 | 4.90 | 8.40 | 2.07 | 7.17 | 11.52 | 4.08 |
| 2000 | 4.78 | 7.99 | 2.17 | 4.72 | 8.02 | 2.02 | 7.04 | 10.58 | 4.44 |
| 2001 | 4.82 | 8.47 | 1.92 | 4.83 | 8.42 | 1.93 | 6.35 | 11.46 | 2.61 |
| 2002 | 4.63 | 7.95 | 1.99 | 4.62 | 8.09 | 1.81 | 6.37 | 10.04 | 3.65 |
| 2003 | 4.65 | 8.05 | 1.96 | 4.76 | 8.25 | 1.94 | 6.30 | 10.05 | 3.70 |
| 2004 | 5.31 | 8.99 | 2.39 | 5.44 | 9.27 | 2.34 | 6.10 | 8.90 | 4.04 |
| 2005 | 4.63 | 8.11 | 1.85 | 4.81 | 8.51 | 1.79 | 5.15 | 8.49 | 2.88 |
| 2006 | 4.72 | 7.95 | 2.09 | 4.88 | 8.22 | 2.08 | 5.42 | 8.78 | 2.95 |
| 2007 | 4.71 | 8.12 | 1.98 | 4.88 | 8.44 | 1.97 | 5.21 | 8.30 | 2.92 |
| 2008 | 4.66 | 8.19 | 1.78 | 4.88 | 8.57 | 1.79 | 4.63 | 7.90 | 2.16 |
| 2009 | 4.59 | 7.74 | 2.02 | 4.92 | 8.45 | 1.96 | 4.63 | 6.62 | 3.36 |
| 2010 | 4.37 | 7.58 | 1.73 | 4.51 | 7.84 | 1.68 | 4.62 | 7.33 | 2.78 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 8.6
Cancer of the Esophagus (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.15 | 7.30 | 1.76 | 3.84 | 6.81 | 1.58 | 7.51 | 13.19 | 3.45 |
| 1975 | 3.69 | 6.36 | 1.71 | 3.11 | 5.37 | 1.47 | 9.70 | 17.01 | 4.06 |
| 1976 | 3.74 | 6.39 | 1.76 | 3.11 | 5.32 | 1.50 | 10.18 | 17.73 | 4.35 |
| 1977 | 3.70 | 6.26 | 1.78 | 3.07 | 5.20 | 1.51 | 10.08 | 17.57 | 4.35 |
| 1978 | 3.79 | 6.41 | 1.82 | 3.17 | 5.35 | 1.55 | 10.03 | 17.59 | 4.30 |
| 1979 | 3.76 | 6.40 | 1.79 | 3.12 | 5.28 | 1.53 | 10.32 | 18.55 | 4.17 |
| 1980 | 3.85 | 6.60 | 1.82 | 3.17 | 5.49 | 1.50 | 10.60 | 18.30 | 4.88 |
| 1981 | 3.82 | 6.58 | 1.78 | 3.16 | 5.44 | 1.51 | 10.45 | 18.72 | 4.35 |
| 1982 | 3.84 | 6.52 | 1.84 | 3.17 | 5.37 | 1.56 | 10.49 | 18.60 | 4.51 |
| 1983 | 3.85 | 6.64 | 1.79 | 3.22 | 5.59 | 1.50 | 10.21 | 17.95 | 4.52 |
| 1984 | 3.93 | 6.74 | 1.86 | 3.28 | 5.63 | 1.56 | 10.60 | 18.80 | 4.65 |
| 1985 | 3.86 | 6.72 | 1.72 | 3.26 | 5.71 | 1.46 | 9.93 | 17.72 | 4.26 |
| 1986 | 3.94 | 6.76 | 1.84 | 3.34 | 5.76 | 1.57 | 10.19 | 17.96 | 4.55 |
| 1987 | 3.97 | 6.88 | 1.80 | 3.41 | 5.96 | 1.53 | 9.67 | 17.13 | 4.37 |
| 1988 | 4.05 | 7.04 | 1.80 | 3.47 | 6.01 | 1.58 | 9.95 | 18.40 | 3.89 |
| 1989 | 4.11 | 7.15 | 1.82 | 3.56 | 6.23 | 1.57 | 9.75 | 17.32 | 4.29 |
| 1990 | 4.10 | 7.16 | 1.81 | 3.58 | 6.32 | 1.55 | 9.35 | 16.33 | 4.37 |
| 1991 | 4.13 | 7.24 | 1.81 | 3.64 | 6.43 | 1.57 | 9.23 | 16.54 | 4.14 |
| 1992 | 4.17 | 7.30 | 1.81 | 3.74 | 6.61 | 1.57 | 8.65 | 15.10 | 4.11 |
| 1993 | 4.19 | 7.33 | 1.82 | 3.75 | 6.60 | 1.59 | 8.99 | 16.00 | 4.07 |
| 1994 | 4.27 | 7.59 | 1.77 | 3.87 | 6.94 | 1.56 | 8.57 | 15.28 | 3.88 |
| 1995 | 4.26 | 7.56 | 1.76 | 3.92 | 7.00 | 1.58 | 8.04 | 14.45 | 3.51 |
| 1996 | 4.31 | 7.52 | 1.86 | 4.01 | 7.06 | 1.67 | 7.77 | 13.57 | 3.72 |
| 1997 | 4.25 | 7.50 | 1.77 | 4.00 | 7.11 | 1.60 | 7.26 | 12.84 | 3.39 |
| 1998 | 4.36 | 7.65 | 1.84 | 4.13 | 7.31 | 1.66 | 7.11 | 12.21 | 3.56 |
| 1999 | 4.35 | 7.69 | 1.77 | 4.19 | 7.44 | 1.65 | 6.54 | 11.56 | 3.06 |
| 2000 | 4.39 | 7.71 | 1.83 | 4.27 | 7.56 | 1.69 | 6.44 | 10.93 | 3.26 |
| 2001 | 4.43 | 7.85 | 1.79 | 4.30 | 7.66 | 1.68 | 6.41 | 11.30 | 3.01 |
| 2002 | 4.41 | 7.82 | 1.75 | 4.35 | 7.77 | 1.64 | 5.89 | 10.15 | 2.92 |
| 2003 | 4.38 | 7.75 | 1.75 | 4.34 | 7.71 | 1.66 | 5.68 | 9.64 | 2.87 |
| 2004 | 4.36 | 7.74 | 1.73 | 4.35 | 7.77 | 1.63 | 5.36 | 8.98 | 2.85 |
| 2005 | 4.44 | 7.95 | 1.67 | 4.48 | 8.07 | 1.61 | 4.99 | 8.76 | 2.34 |
| 2006 | 4.41 | 7.84 | 1.69 | 4.47 | 7.99 | 1.64 | 4.77 | 8.25 | 2.34 |
| 2007 | 4.27 | 7.66 | 1.59 | 4.35 | 7.81 | 1.55 | 4.66 | 8.24 | 2.23 |
| 2008 | 4.22 | 7.54 | 1.58 | 4.31 | 7.74 | 1.52 | 4.46 | 7.64 | 2.27 |
| 2009 | 4.18 | 7.47 | 1.55 | 4.30 | 7.71 | 1.53 | 4.05 | 7.19 | 1.87 |
| 2010 | 4.26 | 7.54 | 1.61 | 4.40 | 7.79 | 1.61 | 4.19 | 7.38 | 1.99 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 9.4
Hodgkin Lymphoma

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 3.08 | 3.86 | 2.39 | 3.23 | 3.91 | 2.63 | 2.58 | 4.41 | - |
| 1976 | 2.76 | 3.37 | 2.24 | 2.88 | 3.44 | 2.41 | 2.57 | 3.91 | - |
| 1977 | 2.98 | 3.61 | 2.46 | 3.27 | 3.93 | 2.71 | 1.68 | 1.91 | - |
| 1978 | 2.80 | 3.41 | 2.32 | 3.07 | 3.70 | 2.58 | 1.47 | 2.01 | - |
| 1979 | 2.93 | 3.91 | 2.08 | 3.09 | 4.05 | 2.27 | 2.86 | 4.68 | - |
| 1980 | 2.77 | 3.31 | 2.27 | 2.98 | 3.53 | 2.48 | 1.82 | 2.07 | 1.54 |
| 1981 | 2.92 | 3.59 | 2.33 | 3.23 | 3.92 | 2.61 | 1.39 | 1.86 | - |
| 1982 | 2.93 | 3.50 | 2.46 | 3.13 | 3.68 | 2.70 | 2.58 | 3.15 | 2.04 |
| 1983 | 3.02 | 3.72 | 2.39 | 3.33 | 4.00 | 2.70 | 2.11 | 3.85 | - |
| 1984 | 3.07 | 3.72 | 2.47 | 3.39 | 4.02 | 2.79 | 2.07 | 3.31 | - |
| 1985 | 2.98 | 3.50 | 2.50 | 3.31 | 3.84 | 2.83 | 1.74 | 2.26 | - |
| 1986 | 2.73 | 3.34 | 2.21 | 2.91 | 3.50 | 2.40 | 2.27 | 2.81 | 1.90 |
| 1987 | 3.05 | 3.72 | 2.50 | 3.35 | 4.02 | 2.80 | 2.08 | 2.78 | 1.47 |
| 1988 | 3.10 | 3.59 | 2.67 | 3.44 | 4.00 | 2.96 | 1.90 | 1.93 | 1.86 |
| 1989 | 3.06 | 3.68 | 2.56 | 3.36 | 3.98 | 2.85 | 2.17 | 3.16 | 1.38 |
| 1990 | 3.08 | 3.53 | 2.64 | 3.32 | 3.85 | 2.81 | 2.97 | 3.18 | 2.75 |
| 1991 | 3.03 | 3.50 | 2.61 | 3.35 | 3.84 | 2.91 | 2.41 | 2.71 | 2.09 |
| 1992 | 2.88 | 3.11 | 2.70 | 3.05 | 3.23 | 2.92 | 2.68 | 2.73 | 2.62 |
| 1993 | 2.86 | 3.27 | 2.51 | 3.09 | 3.49 | 2.75 | 2.97 | 3.66 | 2.47 |
| 1994 | 2.87 | 3.16 | 2.60 | 3.16 | 3.51 | 2.83 | 2.10 | 2.37 | 1.93 |
| 1995 | 2.78 | 3.24 | 2.37 | 3.06 | 3.53 | 2.66 | 2.30 | 2.86 | 1.79 |
| 1996 | 2.86 | 3.33 | 2.43 | 3.14 | 3.62 | 2.68 | 2.48 | 3.21 | 1.84 |
| 1997 | 2.83 | 2.96 | 2.71 | 3.08 | 3.25 | 2.92 | 2.58 | 2.40 | 2.73 |
| 1998 | 2.81 | 3.11 | 2.57 | 3.14 | 3.45 | 2.89 | 2.16 | 2.37 | 1.99 |
| 1999 | 2.88 | 3.12 | 2.70 | 3.11 | 3.25 | 3.04 | 2.54 | 3.16 | 2.02 |
| 2000 | 2.83 | 3.32 | 2.38 | 3.07 | 3.54 | 2.64 | 2.44 | 3.05 | 1.89 |
| 2001 | 2.59 | 2.96 | 2.26 | 2.76 | 3.14 | 2.40 | 2.44 | 3.15 | 1.94 |
| 2002 | 2.98 | 3.30 | 2.72 | 3.16 | 3.45 | 2.92 | 2.93 | 3.26 | 2.71 |
| 2003 | 2.75 | 3.15 | 2.40 | 3.02 | 3.46 | 2.63 | 2.42 | 2.79 | 2.26 |
| 2004 | 2.98 | 3.08 | 2.92 | 3.14 | 3.20 | 3.12 | 3.10 | 3.29 | 2.97 |
| 2005 | 3.07 | 3.56 | 2.66 | 3.28 | 3.78 | 2.87 | 3.16 | 3.40 | 2.94 |
| 2006 | 3.05 | 3.37 | 2.73 | 3.24 | 3.53 | 2.93 | 3.16 | 3.89 | 2.54 |
| 2007 | 3.22 | 3.72 | 2.77 | 3.46 | 3.92 | 3.04 | 3.29 | 4.04 | 2.66 |
| 2008 | 3.01 | 3.46 | 2.60 | 3.23 | 3.66 | 2.84 | 3.14 | 3.73 | 2.64 |
| 2009 | 2.99 | 3.27 | 2.75 | 3.25 | 3.51 | 3.02 | 2.65 | 3.27 | 2.11 |
| 2010 | 2.86 | 3.33 | 2.42 | 3.03 | 3.55 | 2.53 | 2.61 | 3.11 | 2.19 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 9.5
Hodgkin Lymphoma

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 2.91 | 3.37 | 2.51 | 3.16 | 3.62 | 2.76 | 2.49 | 3.05 | 2.02 |
| 1975 | 3.08 | 3.86 | 2.39 | 3.23 | 3.91 | 2.63 | 2.58 | 4.41 | - |
| 1976 | 2.76 | 3.37 | 2.24 | 2.88 | 3.44 | 2.41 | 2.57 | 3.91 | - |
| 1977 | 2.98 | 3.61 | 2.46 | 3.27 | 3.93 | 2.71 | 1.68 | 1.91 | - |
| 1978 | 2.80 | 3.41 | 2.32 | 3.07 | 3.70 | 2.58 | 1.47 | 2.01 | - |
| 1979 | 2.93 | 3.91 | 2.08 | 3.09 | 4.05 | 2.27 | 2.86 | 4.68 | - |
| 1980 | 2.77 | 3.31 | 2.27 | 2.98 | 3.53 | 2.48 | 1.82 | 2.07 | 1.54 |
| 1981 | 2.92 | 3.59 | 2.33 | 3.23 | 3.92 | 2.61 | 1.39 | 1.86 | - |
| 1982 | 2.93 | 3.50 | 2.46 | 3.13 | 3.67 | 2.70 | 2.58 | 3.15 | 2.04 |
| 1983 | 3.02 | 3.72 | 2.39 | 3.33 | 3.99 | 2.70 | 2.11 | 3.85 | - |
| 1984 | 3.07 | 3.72 | 2.47 | 3.38 | 4.02 | 2.79 | 2.07 | 3.31 | - |
| 1985 | 2.97 | 3.50 | 2.50 | 3.31 | 3.84 | 2.83 | 1.74 | 2.26 | - |
| 1986 | 2.73 | 3.33 | 2.21 | 2.91 | 3.50 | 2.40 | 2.27 | 2.80 | 1.90 |
| 1987 | 3.05 | 3.72 | 2.50 | 3.35 | 4.01 | 2.79 | 2.08 | 2.78 | 1.46 |
| 1988 | 3.10 | 3.59 | 2.67 | 3.44 | 4.00 | 2.95 | 1.90 | 1.93 | 1.86 |
| 1989 | 3.06 | 3.67 | 2.55 | 3.36 | 3.97 | 2.85 | 2.16 | 3.15 | 1.37 |
| 1990 | 3.07 | 3.52 | 2.64 | 3.32 | 3.84 | 2.81 | 2.96 | 3.18 | 2.75 |
| 1991 | 3.02 | 3.49 | 2.60 | 3.34 | 3.83 | 2.90 | 2.40 | 2.70 | 2.08 |
| 1992 | 2.87 | 3.10 | 2.69 | 3.05 | 3.22 | 2.92 | 2.66 | 2.71 | 2.61 |
| 1993 | 2.85 | 3.26 | 2.50 | 3.08 | 3.49 | 2.74 | 2.96 | 3.64 | 2.46 |
| 1994 | 2.85 | 3.15 | 2.59 | 3.15 | 3.50 | 2.82 | 2.09 | 2.36 | 1.91 |
| 1995 | 2.76 | 3.22 | 2.36 | 3.05 | 3.52 | 2.65 | 2.29 | 2.84 | 1.78 |
| 1996 | 2.85 | 3.32 | 2.41 | 3.13 | 3.61 | 2.68 | 2.46 | 3.19 | 1.83 |
| 1997 | 2.82 | 2.95 | 2.70 | 3.07 | 3.23 | 2.91 | 2.57 | 2.38 | 2.72 |
| 1998 | 2.79 | 3.09 | 2.55 | 3.13 | 3.44 | 2.88 | 2.15 | 2.35 | 1.98 |
| 1999 | 2.86 | 3.09 | 2.68 | 3.10 | 3.24 | 3.02 | 2.52 | 3.14 | 2.01 |
| 2000 | 2.81 | 3.29 | 2.36 | 3.06 | 3.52 | 2.63 | 2.42 | 3.03 | 1.87 |
| 2001 | 2.57 | 2.93 | 2.23 | 2.74 | 3.12 | 2.39 | 2.42 | 3.12 | 1.92 |
| 2002 | 2.95 | 3.27 | 2.69 | 3.14 | 3.43 | 2.91 | 2.90 | 3.23 | 2.68 |
| 2003 | 2.71 | 3.11 | 2.37 | 3.01 | 3.44 | 2.62 | 2.40 | 2.76 | 2.23 |
| 2004 | 2.94 | 3.04 | 2.88 | 3.12 | 3.18 | 3.11 | 3.07 | 3.25 | 2.93 |
| 2005 | 3.03 | 3.51 | 2.62 | 3.26 | 3.75 | 2.85 | 3.12 | 3.36 | 2.90 |
| 2006 | 3.00 | 3.32 | 2.69 | 3.22 | 3.51 | 2.91 | 3.12 | 3.83 | 2.51 |
| 2007 | 3.16 | 3.66 | 2.72 | 3.43 | 3.89 | 3.01 | 3.25 | 3.98 | 2.62 |
| 2008 | 2.95 | 3.39 | 2.55 | 3.20 | 3.63 | 2.82 | 3.09 | 3.67 | 2.60 |
| 2009 | 2.93 | 3.20 | 2.69 | 3.21 | 3.47 | 2.99 | 2.61 | 3.21 | 2.07 |
| 2010 | 2.76 | 3.22 | 2.34 | 2.97 | 3.49 | 2.49 | 2.53 | 3.02 | 2.13 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 9.6
Hodgkin Lymphoma

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 0.64 | 0.80 | 0.50 | 0.67 | 0.83 | 0.53 | 0.54 | 0.72 | 0.40 |
| 1975 | 1.31 | 1.69 | 1.00 | 1.35 | 1.73 | 1.04 | 1.07 | 1.50 | 0.72 |
| 1976 | 1.17 | 1.50 | 0.90 | 1.20 | 1.52 | 0.94 | 0.97 | 1.44 | 0.60 |
| 1977 | 1.14 | 1.45 | 0.87 | 1.18 | 1.49 | 0.90 | 0.92 | 1.20 | 0.69 |
| 1978 | 1.06 | 1.35 | 0.82 | 1.10 | 1.38 | 0.87 | 0.76 | 1.17 | 0.44 |
| 1979 | 0.97 | 1.27 | 0.71 | 1.00 | 1.31 | 0.74 | 0.76 | 1.06 | 0.51 |
| 1980 | 0.98 | 1.23 | 0.76 | 1.01 | 1.27 | 0.80 | 0.75 | 1.09 | 0.48 |
| 1981 | 0.93 | 1.15 | 0.74 | 0.96 | 1.19 | 0.76 | 0.74 | 0.88 | 0.62 |
| 1982 | 0.88 | 1.09 | 0.70 | 0.92 | 1.15 | 0.72 | 0.70 | 0.78 | 0.62 |
| 1983 | 0.85 | 1.09 | 0.65 | 0.88 | 1.13 | 0.68 | 0.64 | 0.90 | 0.45 |
| 1984 | 0.86 | 1.18 | 0.60 | 0.88 | 1.19 | 0.63 | 0.79 | 1.18 | 0.47 |
| 1985 | 0.77 | 0.98 | 0.58 | 0.78 | 1.00 | 0.60 | 0.71 | 0.96 | 0.51 |
| 1986 | 0.78 | 1.00 | 0.58 | 0.80 | 1.04 | 0.60 | 0.65 | 0.85 | 0.49 |
| 1987 | 0.74 | 0.96 | 0.56 | 0.77 | 0.98 | 0.58 | 0.67 | 0.94 | 0.46 |
| 1988 | 0.67 | 0.88 | 0.50 | 0.69 | 0.91 | 0.51 | 0.59 | 0.75 | 0.48 |
| 1989 | 0.71 | 0.92 | 0.54 | 0.73 | 0.94 | 0.56 | 0.66 | 0.92 | 0.47 |
| 1990 | 0.66 | 0.85 | 0.50 | 0.69 | 0.88 | 0.52 | 0.56 | 0.81 | 0.36 |
| 1991 | 0.65 | 0.83 | 0.51 | 0.66 | 0.83 | 0.51 | 0.67 | 0.89 | 0.49 |
| 1992 | 0.65 | 0.83 | 0.50 | 0.67 | 0.86 | 0.52 | 0.58 | 0.77 | 0.45 |
| 1993 | 0.61 | 0.79 | 0.47 | 0.63 | 0.80 | 0.50 | 0.57 | 0.83 | 0.39 |
| 1994 | 0.56 | 0.66 | 0.47 | 0.56 | 0.66 | 0.48 | 0.55 | 0.73 | 0.41 |
| 1995 | 0.55 | 0.67 | 0.44 | 0.56 | 0.68 | 0.46 | 0.53 | 0.73 | 0.36 |
| 1996 | 0.53 | 0.64 | 0.44 | 0.55 | 0.65 | 0.46 | 0.47 | 0.63 | 0.36 |
| 1997 | 0.53 | 0.62 | 0.46 | 0.54 | 0.63 | 0.47 | 0.54 | 0.67 | 0.43 |
| 1998 | 0.48 | 0.61 | 0.36 | 0.49 | 0.62 | 0.37 | 0.48 | 0.66 | 0.33 |
| 1999 | 0.51 | 0.63 | 0.41 | 0.53 | 0.66 | 0.43 | 0.41 | 0.55 | 0.30 |
| 2000 | 0.46 | 0.55 | 0.39 | 0.48 | 0.57 | 0.41 | 0.35 | 0.42 | 0.30 |
| 2001 | 0.47 | 0.56 | 0.38 | 0.48 | 0.59 | 0.39 | 0.42 | 0.52 | 0.35 |
| 2002 | 0.47 | 0.58 | 0.38 | 0.49 | 0.60 | 0.41 | 0.40 | 0.57 | 0.27 |
| 2003 | 0.46 | 0.55 | 0.39 | 0.48 | 0.57 | 0.41 | 0.36 | 0.47 | 0.27 |
| 2004 | 0.43 | 0.55 | 0.34 | 0.44 | 0.57 | 0.35 | 0.40 | 0.47 | 0.34 |
| 2005 | 0.42 | 0.51 | 0.36 | 0.43 | 0.51 | 0.37 | 0.42 | 0.55 | 0.32 |
| 2006 | 0.44 | 0.56 | 0.33 | 0.45 | 0.57 | 0.35 | 0.41 | 0.56 | 0.30 |
| 2007 | 0.41 | 0.51 | 0.33 | 0.43 | 0.53 | 0.35 | 0.36 | 0.45 | 0.29 |
| 2008 | 0.37 | 0.45 | 0.31 | 0.39 | 0.47 | 0.33 | 0.33 | 0.39 | 0.28 |
| 2009 | 0.40 | 0.48 | 0.32 | 0.41 | 0.49 | 0.34 | 0.39 | 0.48 | 0.30 |
| 2010 | 0.38 | 0.49 | 0.29 | 0.40 | 0.51 | 0.31 | 0.30 | 0.36 | 0.26 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 10.4
Kaposi Sarcoma

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 1.74 | 3.42 | 0.13 | 1.80 | 3.51 | 0.11 | 2.18 | 4.45 | 0.24 |
| 1975 | 0.23 | 0.56 | - | 0.22 | 0.56 | - | - | - | - |
| 1976 | 0.25 | 0.47 | - | 0.24 | 0.48 | - | - | - | - |
| 1977 | 0.29 | 0.54 | - | 0.30 | 0.55 | - | - | - | - |
| 1978 | 0.24 | 0.35 | 0.17 | 0.23 | 0.34 | - | - | - | - |
| 1979 | 0.18 | 0.30 | - | 0.18 | 0.30 | - | - | - | - |
| 1980 | 0.28 | 0.56 | - | 0.30 | 0.61 | - | - | - | - |
| 1981 | 0.32 | 0.54 | - | 0.34 | 0.61 | - | - | - | - |
| 1982 | 0.65 | 1.20 | 0.18 | 0.71 | 1.32 | 0.18 | - | - | - |
| 1983 | 1.07 | 2.19 | - | 1.19 | 2.40 | - | - | - | - |
| 1984 | 1.81 | 3.59 | - | 1.99 | 3.91 | - | 1.27 | 2.89 | - |
| 1985 | 2.47 | 4.87 | 0.16 | 2.80 | 5.49 | 0.18 | 1.09 | 2.24 | - |
| 1986 | 3.27 | 6.54 | - | 3.71 | 7.34 | - | 1.65 | 3.59 | - |
| 1987 | 3.81 | 7.61 | - | 4.26 | 8.45 | - | 2.09 | 4.29 | - |
| 1988 | 4.43 | 8.87 | 0.15 | 4.82 | 9.56 | 0.15 | 3.40 | 7.28 | - |
| 1989 | 4.76 | 9.53 | 0.14 | 5.13 | 10.18 | - | 4.57 | 9.69 | - |
| 1990 | 4.61 | 9.21 | 0.18 | 5.03 | 9.99 | 0.15 | 3.65 | 7.54 | - |
| 1991 | 4.70 | 9.40 | 0.19 | 5.04 | 10.00 | 0.18 | 4.59 | 9.53 | - |
| 1992 | 4.38 | 8.69 | 0.18 | 4.60 | 9.02 | 0.18 | 5.02 | 10.59 | - |
| 1993 | 3.86 | 7.64 | 0.17 | 4.05 | 7.96 | 0.15 | 4.28 | 8.60 | - |
| 1994 | 3.78 | 7.46 | 0.17 | 3.88 | 7.58 | 0.13 | 4.15 | 8.42 | - |
| 1995 | 3.29 | 6.45 | 0.20 | 3.28 | 6.37 | 0.17 | 4.94 | 10.27 | - |
| 1996 | 2.24 | 4.40 | 0.16 | 2.01 | 3.99 | - | 4.61 | 9.09 | - |
| 1997 | 1.08 | 2.09 | 0.14 | 0.92 | 1.78 | - | 2.70 | 5.36 | - |
| 1998 | 0.81 | 1.58 | - | 0.70 | 1.34 | - | 1.79 | 3.78 | - |
| 1999 | 0.78 | 1.47 | 0.14 | 0.66 | 1.24 | - | 1.94 | 3.72 | - |
| 2000 | 0.80 | 1.55 | - | 0.67 | 1.30 | - | 1.99 | 4.00 | - |
| 2001 | 0.83 | 1.51 | 0.17 | 0.67 | 1.20 | 0.15 | 1.95 | 3.89 | - |
| 2002 | 0.68 | 1.28 | 0.12 | 0.57 | 1.07 | - | 1.51 | 3.05 | - |
| 2003 | 0.67 | 1.29 | - | 0.60 | 1.12 | - | 1.52 | 3.21 | - |
| 2004 | 0.70 | 1.36 | - | 0.60 | 1.16 | - | 1.69 | 3.41 | - |
| 2005 | 0.78 | 1.47 | 0.12 | 0.61 | 1.15 | - | 2.03 | 4.01 | - |
| 2006 | 0.61 | 1.18 | - | 0.50 | 0.96 | - | 1.42 | 2.88 | - |
| 2007 | 0.69 | 1.32 | - | 0.58 | 1.07 | - | 1.66 | 3.48 | - |
| 2008 | 0.67 | 1.33 | - | 0.56 | 1.10 | - | 1.63 | 3.15 | - |
| 2009 | 0.63 | 1.19 | 0.10 | 0.54 | 1.02 | - | 1.38 | 2.78 | - |
| 2010 | 0.63 | 1.19 | 0.09 | 0.43 | 0.80 | - | 1.77 | 3.59 | - |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 11.4
Cancer of the Kidney and Renal Pelvis (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 7.08 | 10.34 | 4.52 | 7.33 | 10.82 | 4.63 | 6.17 | 8.24 | 4.31 |
| 1976 | 7.96 | 11.20 | 5.47 | 8.12 | 11.48 | 5.58 | 7.75 | 11.68 | 4.69 |
| 1977 | 8.06 | 11.42 | 5.49 | 8.13 | 11.68 | 5.48 | 8.51 | 11.10 | 6.39 |
| 1978 | 7.84 | 11.82 | 4.83 | 7.97 | 12.09 | 4.88 | 8.01 | 11.01 | 5.65 |
| 1979 | 7.63 | 11.12 | 5.05 | 7.85 | 11.59 | 5.10 | 7.26 | 8.22 | 6.30 |
| 1980 | 8.06 | 11.69 | 5.38 | 8.36 | 12.21 | 5.55 | 5.97 | 7.95 | 4.36 |
| 1981 | 8.49 | 12.83 | 5.30 | 8.57 | 13.03 | 5.32 | 10.00 | 15.77 | 5.82 |
| 1982 | 8.36 | 11.83 | 5.73 | 8.54 | 12.03 | 5.88 | 7.59 | 11.20 | 4.90 |
| 1983 | 8.94 | 13.25 | 5.66 | 9.24 | 13.79 | 5.80 | 8.81 | 13.53 | 5.52 |
| 1984 | 9.19 | 13.12 | 6.20 | 9.47 | 13.61 | 6.33 | 9.02 | 12.01 | 6.90 |
| 1985 | 8.95 | 13.14 | 5.76 | 9.23 | 13.61 | 5.93 | 8.63 | 11.70 | 6.23 |
| 1986 | 9.67 | 13.84 | 6.57 | 9.84 | 14.11 | 6.68 | 10.08 | 14.86 | 6.62 |
| 1987 | 9.91 | 14.07 | 6.74 | 10.08 | 14.35 | 6.89 | 11.07 | 15.61 | 7.51 |
| 1988 | 9.93 | 14.00 | 6.96 | 10.10 | 14.31 | 7.04 | 11.61 | 15.37 | 8.79 |
| 1989 | 10.31 | 14.49 | 7.15 | 10.60 | 15.05 | 7.22 | 10.79 | 15.07 | 7.82 |
| 1990 | 10.44 | 14.73 | 7.14 | 10.71 | 14.99 | 7.45 | 10.52 | 15.95 | 6.61 |
| 1991 | 10.66 | 15.09 | 7.19 | 10.83 | 15.25 | 7.35 | 12.31 | 18.32 | 7.79 |
| 1992 | 10.80 | 15.32 | 7.42 | 11.10 | 15.65 | 7.73 | 10.99 | 16.41 | 7.19 |
| 1993 | 10.76 | 14.71 | 7.64 | 10.87 | 14.78 | 7.75 | 12.79 | 17.32 | 9.46 |
| 1994 | 11.31 | 15.67 | 7.88 | 11.57 | 16.02 | 8.06 | 12.70 | 17.97 | 8.68 |
| 1995 | 11.13 | 15.50 | 7.67 | 11.15 | 15.42 | 7.72 | 14.24 | 21.56 | 9.21 |
| 1996 | 11.37 | 15.85 | 7.93 | 11.47 | 16.23 | 7.78 | 13.92 | 17.43 | 11.33 |
| 1997 | 10.97 | 15.15 | 7.64 | 11.03 | 15.14 | 7.72 | 13.75 | 19.74 | 9.40 |
| 1998 | 11.84 | 16.46 | 8.20 | 12.14 | 16.79 | 8.48 | 12.71 | 17.42 | 9.06 |
| 1999 | 11.48 | 16.03 | 7.85 | 11.67 | 16.29 | 7.93 | 13.85 | 19.17 | 9.99 |
| 2000 | 12.55 | 17.54 | 8.57 | 12.80 | 18.09 | 8.50 | 14.91 | 19.37 | 11.98 |
| 2001 | 12.64 | 17.60 | 8.65 | 12.85 | 17.82 | 8.81 | 15.73 | 23.19 | 10.38 |
| 2002 | 12.98 | 17.93 | 8.96 | 13.27 | 18.22 | 9.19 | 15.47 | 22.69 | 10.43 |
| 2003 | 13.63 | 18.39 | 9.77 | 14.01 | 18.64 | 10.21 | 14.68 | 21.91 | 9.36 |
| 2004 | 13.71 | 18.62 | 9.72 | 14.07 | 19.06 | 9.94 | 16.13 | 22.64 | 11.29 |
| 2005 | 14.13 | 19.49 | 9.79 | 14.36 | 19.72 | 9.94 | 16.97 | 25.11 | 11.32 |
| 2006 | 14.80 | 19.45 | 10.92 | 15.15 | 19.91 | 11.10 | 16.33 | 21.51 | 12.43 |
| 2007 | 15.70 | 21.53 | 10.86 | 15.89 | 21.61 | 11.06 | 18.95 | 26.76 | 13.17 |
| 2008 | 16.10 | 22.03 | 11.18 | 16.13 | 21.86 | 11.27 | 20.80 | 30.95 | 13.76 |
| 2009 | 15.48 | 21.38 | 10.51 | 15.67 | 21.57 | 10.57 | 19.36 | 28.75 | 12.70 |
| 2010 | 15.22 | 21.19 | 10.20 | 15.33 | 21.12 | 10.37 | 20.02 | 29.33 | 12.92 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 11.5
Cancer of the Kidney and Renal Pelvis (Invasive)
Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 11.39 | 15.97 | 7.80 | 11.50 | 16.13 | 7.85 | 13.31 | 18.95 | 9.19 |
| 1975 | 7.08 | 10.34 | 4.52 | 7.33 | 10.82 | 4.63 | 6.17 | 8.24 | 4.31 |
| 1976 | 7.96 | 11.20 | 5.47 | 8.12 | 11.48 | 5.58 | 7.75 | 11.68 | 4.69 |
| 1977 | 8.06 | 11.42 | 5.49 | 8.13 | 11.68 | 5.48 | 8.51 | 11.10 | 6.39 |
| 1978 | 7.84 | 11.82 | 4.83 | 7.97 | 12.09 | 4.88 | 8.01 | 11.01 | 5.65 |
| 1979 | 7.63 | 11.12 | 5.05 | 7.85 | 11.59 | 5.10 | 7.26 | 8.22 | 6.30 |
| 1980 | 8.06 | 11.69 | 5.38 | 8.36 | 12.21 | 5.55 | 5.97 | 7.95 | 4.36 |
| 1981 | 8.49 | 12.83 | 5.30 | 8.57 | 13.03 | 5.32 | 10.00 | 15.77 | 5.82 |
| 1982 | 8.36 | 11.83 | 5.73 | 8.54 | 12.03 | 5.88 | 7.59 | 11.20 | 4.90 |
| 1983 | 8.94 | 13.25 | 5.66 | 9.24 | 13.78 | 5.80 | 8.81 | 13.53 | 5.52 |
| 1984 | 9.19 | 13.12 | 6.20 | 9.47 | 13.61 | 6.33 | 9.02 | 12.01 | 6.90 |
| 1985 | 8.95 | 13.14 | 5.76 | 9.23 | 13.61 | 5.93 | 8.63 | 11.69 | 6.22 |
| 1986 | 9.67 | 13.84 | 6.57 | 9.84 | 14.10 | 6.68 | 10.07 | 14.86 | 6.62 |
| 1987 | 9.91 | 14.07 | 6.74 | 10.08 | 14.35 | 6.88 | 11.06 | 15.60 | 7.51 |
| 1988 | 9.93 | 13.99 | 6.95 | 10.10 | 14.31 | 7.03 | 11.60 | 15.36 | 8.79 |
| 1989 | 10.31 | 14.49 | 7.15 | 10.59 | 15.05 | 7.22 | 10.78 | 15.06 | 7.82 |
| 1990 | 10.44 | 14.72 | 7.14 | 10.70 | 14.98 | 7.44 | 10.51 | 15.94 | 6.61 |
| 1991 | 10.65 | 15.08 | 7.18 | 10.82 | 15.24 | 7.35 | 12.29 | 18.30 | 7.79 |
| 1992 | 10.79 | 15.31 | 7.41 | 11.10 | 15.63 | 7.73 | 10.98 | 16.39 | 7.18 |
| 1993 | 10.75 | 14.69 | 7.63 | 10.86 | 14.76 | 7.74 | 12.77 | 17.29 | 9.44 |
| 1994 | 11.30 | 15.65 | 7.87 | 11.55 | 16.00 | 8.05 | 12.68 | 17.94 | 8.66 |
| 1995 | 11.12 | 15.48 | 7.66 | 11.13 | 15.40 | 7.71 | 14.21 | 21.51 | 9.19 |
| 1996 | 11.35 | 15.83 | 7.91 | 11.44 | 16.20 | 7.76 | 13.89 | 17.38 | 11.30 |
| 1997 | 10.95 | 15.12 | 7.62 | 11.00 | 15.11 | 7.70 | 13.70 | 19.68 | 9.37 |
| 1998 | 11.81 | 16.42 | 8.19 | 12.11 | 16.75 | 8.45 | 12.67 | 17.35 | 9.03 |
| 1999 | 11.45 | 15.98 | 7.82 | 11.63 | 16.23 | 7.90 | 13.79 | 19.08 | 9.95 |
| 2000 | 12.51 | 17.48 | 8.54 | 12.75 | 18.01 | 8.46 | 14.83 | 19.26 | 11.91 |
| 2001 | 12.58 | 17.53 | 8.61 | 12.78 | 17.73 | 8.77 | 15.62 | 23.03 | 10.31 |
| 2002 | 12.92 | 17.84 | 8.92 | 13.19 | 18.11 | 9.13 | 15.35 | 22.51 | 10.34 |
| 2003 | 13.54 | 18.27 | 9.71 | 13.90 | 18.51 | 10.13 | 14.54 | 21.70 | 9.27 |
| 2004 | 13.60 | 18.48 | 9.65 | 13.94 | 18.89 | 9.85 | 15.95 | 22.38 | 11.16 |
| 2005 | 14.00 | 19.30 | 9.70 | 14.21 | 19.51 | 9.83 | 16.74 | 24.77 | 11.17 |
| 2006 | 14.62 | 19.22 | 10.80 | 14.95 | 19.65 | 10.96 | 16.06 | 21.16 | 12.22 |
| 2007 | 15.48 | 21.22 | 10.70 | 15.64 | 21.27 | 10.88 | 18.58 | 26.24 | 12.92 |
| 2008 | 15.82 | 21.65 | 10.99 | 15.83 | 21.44 | 11.06 | 20.31 | 30.23 | 13.44 |
| 2009 | 15.16 | 20.94 | 10.29 | 15.32 | 21.08 | 10.32 | 18.82 | 27.95 | 12.35 |
| 2010 | 14.65 | 20.39 | 9.82 | 14.70 | 20.25 | 9.94 | 19.05 | 27.91 | 12.30 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 11.6
Cancer of the Kidney and Renal Pelvis (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.06 | 5.90 | 2.69 | 4.13 | 6.00 | 2.74 | 3.84 | 5.66 | 2.58 |
| 1975 | 3.61 | 5.18 | 2.43 | 3.70 | 5.30 | 2.49 | 2.81 | 4.15 | 1.82 |
| 1976 | 3.61 | 5.23 | 2.41 | 3.69 | 5.35 | 2.45 | 2.92 | 4.24 | 1.92 |
| 1977 | 3.68 | 5.35 | 2.45 | 3.78 | 5.51 | 2.50 | 2.88 | 4.03 | 1.99 |
| 1978 | 3.69 | 5.43 | 2.41 | 3.76 | 5.52 | 2.46 | 3.17 | 4.83 | 1.93 |
| 1979 | 3.63 | 5.32 | 2.40 | 3.71 | 5.46 | 2.43 | 2.95 | 4.17 | 2.04 |
| 1980 | 3.68 | 5.46 | 2.38 | 3.77 | 5.61 | 2.44 | 2.96 | 4.19 | 2.01 |
| 1981 | 3.73 | 5.40 | 2.51 | 3.80 | 5.50 | 2.56 | 3.18 | 4.60 | 2.14 |
| 1982 | 3.85 | 5.68 | 2.54 | 3.92 | 5.80 | 2.56 | 3.40 | 4.83 | 2.37 |
| 1983 | 3.85 | 5.57 | 2.60 | 3.93 | 5.69 | 2.67 | 3.26 | 4.85 | 2.15 |
| 1984 | 3.90 | 5.75 | 2.57 | 3.96 | 5.88 | 2.60 | 3.45 | 4.86 | 2.45 |
| 1985 | 3.96 | 5.76 | 2.66 | 4.00 | 5.79 | 2.71 | 3.83 | 6.00 | 2.35 |
| 1986 | 4.05 | 5.83 | 2.78 | 4.11 | 5.94 | 2.82 | 3.68 | 5.34 | 2.52 |
| 1987 | 4.14 | 6.04 | 2.77 | 4.23 | 6.15 | 2.83 | 3.66 | 5.49 | 2.42 |
| 1988 | 4.03 | 5.86 | 2.71 | 4.09 | 5.93 | 2.76 | 3.78 | 5.82 | 2.41 |
| 1989 | 4.16 | 6.08 | 2.79 | 4.22 | 6.15 | 2.83 | 3.99 | 6.05 | 2.64 |
| 1990 | 4.19 | 6.16 | 2.77 | 4.23 | 6.22 | 2.79 | 4.20 | 6.35 | 2.76 |
| 1991 | 4.30 | 6.18 | 2.95 | 4.34 | 6.24 | 2.98 | 4.34 | 6.35 | 2.97 |
| 1992 | 4.29 | 6.24 | 2.88 | 4.37 | 6.33 | 2.94 | 3.97 | 5.94 | 2.61 |
| 1993 | 4.16 | 6.09 | 2.75 | 4.22 | 6.18 | 2.77 | 4.07 | 6.09 | 2.75 |
| 1994 | 4.27 | 6.20 | 2.89 | 4.32 | 6.25 | 2.92 | 4.24 | 6.40 | 2.81 |
| 1995 | 4.34 | 6.19 | 2.99 | 4.39 | 6.28 | 3.01 | 4.38 | 6.26 | 3.14 |
| 1996 | 4.27 | 6.19 | 2.84 | 4.33 | 6.29 | 2.88 | 4.15 | 5.93 | 2.93 |
| 1997 | 4.27 | 6.19 | 2.86 | 4.32 | 6.23 | 2.91 | 4.32 | 6.55 | 2.84 |
| 1998 | 4.26 | 6.19 | 2.81 | 4.34 | 6.27 | 2.88 | 4.01 | 6.28 | 2.46 |
| 1999 | 4.06 | 5.90 | 2.68 | 4.10 | 5.96 | 2.71 | 4.15 | 6.10 | 2.82 |
| 2000 | 4.22 | 6.14 | 2.79 | 4.30 | 6.24 | 2.84 | 4.13 | 6.28 | 2.74 |
| 2001 | 4.27 | 6.24 | 2.80 | 4.34 | 6.33 | 2.84 | 4.26 | 6.45 | 2.82 |
| 2002 | 4.23 | 6.16 | 2.77 | 4.33 | 6.30 | 2.81 | 4.06 | 5.86 | 2.85 |
| 2003 | 4.20 | 6.09 | 2.75 | 4.28 | 6.21 | 2.80 | 4.11 | 6.12 | 2.75 |
| 2004 | 4.13 | 5.94 | 2.74 | 4.24 | 6.08 | 2.80 | 3.99 | 5.87 | 2.72 |
| 2005 | 4.13 | 5.95 | 2.74 | 4.22 | 6.04 | 2.81 | 4.04 | 6.11 | 2.61 |
| 2006 | 4.00 | 5.76 | 2.66 | 4.09 | 5.86 | 2.73 | 3.88 | 5.90 | 2.52 |
| 2007 | 4.02 | 5.81 | 2.65 | 4.08 | 5.88 | 2.69 | 4.08 | 5.98 | 2.78 |
| 2008 | 3.99 | 5.83 | 2.56 | 4.07 | 5.93 | 2.60 | 3.87 | 5.73 | 2.58 |
| 2009 | 3.93 | 5.75 | 2.51 | 4.01 | 5.83 | 2.55 | 3.95 | 5.80 | 2.65 |
| 2010 | 3.92 | 5.71 | 2.52 | 4.04 | 5.86 | 2.58 | 3.65 | 5.24 | 2.53 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 12.4
Cancer of the Larynx (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 5.02 | 9.47 | 1.48 | 4.96 | 9.43 | 1.46 | 7.08 | 13.36 | - |
| 1976 | 5.22 | 10.00 | 1.39 | 5.19 | 9.95 | 1.44 | 7.31 | 14.61 | - |
| 1977 | 5.03 | 9.71 | 1.36 | 4.96 | 9.66 | 1.33 | 7.46 | 13.89 | 2.45 |
| 1978 | 5.32 | 9.80 | 1.84 | 5.32 | 9.80 | 1.85 | 6.95 | 13.20 | 2.22 |
| 1979 | 5.39 | 10.09 | 1.68 | 5.39 | 10.21 | 1.63 | 7.50 | 13.22 | 3.07 |
| 1980 | 5.25 | 10.01 | 1.54 | 5.16 | 9.88 | 1.52 | 7.34 | 14.47 | - |
| 1981 | 5.39 | 9.82 | 1.92 | 5.31 | 9.56 | 2.03 | 8.09 | 16.33 | - |
| 1982 | 5.30 | 9.76 | 1.80 | 5.27 | 9.75 | 1.79 | 7.91 | 14.49 | 2.88 |
| 1983 | 5.35 | 9.94 | 1.73 | 5.43 | 10.19 | 1.69 | 6.81 | 12.20 | 2.61 |
| 1984 | 5.10 | 9.62 | 1.58 | 4.99 | 9.58 | 1.46 | 8.47 | 14.86 | 3.44 |
| 1985 | 5.42 | 9.93 | 1.93 | 5.41 | 10.02 | 1.88 | 8.47 | 15.40 | 3.37 |
| 1986 | 5.01 | 9.40 | 1.62 | 4.94 | 9.20 | 1.68 | 7.74 | 15.37 | 2.08 |
| 1987 | 5.20 | 9.42 | 1.92 | 5.15 | 9.36 | 1.89 | 8.21 | 15.09 | 3.12 |
| 1988 | 5.20 | 9.58 | 1.87 | 5.19 | 9.57 | 1.86 | 8.18 | 14.93 | 3.21 |
| 1989 | 5.02 | 8.91 | 2.00 | 4.98 | 8.89 | 1.93 | 7.90 | 14.26 | 3.29 |
| 1990 | 5.10 | 9.17 | 1.92 | 4.99 | 8.98 | 1.87 | 9.47 | 17.73 | 3.59 |
| 1991 | 4.73 | 8.47 | 1.80 | 4.79 | 8.53 | 1.86 | 6.60 | 12.28 | 2.28 |
| 1992 | 4.97 | 9.06 | 1.77 | 4.87 | 8.88 | 1.73 | 8.69 | 15.77 | 3.41 |
| 1993 | 4.38 | 8.14 | 1.48 | 4.38 | 8.04 | 1.56 | 7.00 | 14.22 | 1.72 |
| 1994 | 4.66 | 8.34 | 1.76 | 4.54 | 8.16 | 1.68 | 8.92 | 15.99 | 3.71 |
| 1995 | 4.42 | 7.90 | 1.61 | 4.43 | 7.88 | 1.63 | 6.83 | 13.17 | 2.25 |
| 1996 | 4.27 | 7.57 | 1.64 | 4.28 | 7.58 | 1.62 | 6.39 | 11.30 | 2.78 |
| 1997 | 4.23 | 7.56 | 1.61 | 4.15 | 7.33 | 1.62 | 7.27 | 13.55 | 2.75 |
| 1998 | 3.88 | 6.80 | 1.60 | 3.74 | 6.53 | 1.56 | 6.74 | 12.18 | 2.84 |
| 1999 | 4.19 | 7.05 | 1.86 | 4.15 | 7.00 | 1.79 | 7.13 | 12.12 | 3.65 |
| 2000 | 4.06 | 7.30 | 1.45 | 4.07 | 7.24 | 1.49 | 6.13 | 11.58 | 2.20 |
| 2001 | 3.67 | 6.60 | 1.27 | 3.62 | 6.39 | 1.30 | 6.28 | 12.24 | 1.93 |
| 2002 | 3.57 | 6.36 | 1.32 | 3.48 | 6.17 | 1.29 | 6.34 | 11.29 | 2.69 |
| 2003 | 3.36 | 6.01 | 1.22 | 3.37 | 5.93 | 1.28 | 5.08 | 9.63 | 1.85 |
| 2004 | 3.48 | 6.14 | 1.37 | 3.47 | 6.04 | 1.38 | 5.81 | 10.81 | 2.40 |
| 2005 | 3.50 | 6.23 | 1.32 | 3.52 | 6.19 | 1.37 | 5.77 | 10.72 | 2.06 |
| 2006 | 3.39 | 5.96 | 1.28 | 3.44 | 5.91 | 1.39 | 5.48 | 10.71 | 1.68 |
| 2007 | 3.26 | 5.70 | 1.25 | 3.27 | 5.67 | 1.25 | 5.70 | 10.34 | 2.36 |
| 2008 | 3.13 | 5.55 | 1.15 | 3.22 | 5.67 | 1.15 | 4.49 | 8.27 | 1.85 |
| 2009 | 3.12 | 5.70 | 1.00 | 3.20 | 5.74 | 1.08 | 4.24 | 8.41 | 1.28 |
| 2010 | 3.23 | 5.76 | 1.16 | 3.20 | 5.56 | 1.23 | 5.16 | 9.61 | 1.88 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 12.5
Cancer of the Larynx (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.33 | 7.84 | 1.53 | 4.33 | 7.82 | 1.54 | 6.64 | 12.41 | 2.40 |
| 1975 | 5.02 | 9.47 | 1.48 | 4.96 | 9.43 | 1.46 | 7.08 | 13.36 | - |
| 1976 | 5.22 | 10.00 | 1.39 | 5.19 | 9.95 | 1.44 | 7.31 | 14.61 | - |
| 1977 | 5.03 | 9.71 | 1.36 | 4.96 | 9.66 | 1.33 | 7.46 | 13.89 | 2.45 |
| 1978 | 5.32 | 9.80 | 1.84 | 5.32 | 9.80 | 1.85 | 6.95 | 13.20 | 2.22 |
| 1979 | 5.39 | 10.09 | 1.68 | 5.39 | 10.21 | 1.63 | 7.50 | 13.22 | 3.07 |
| 1980 | 5.25 | 10.01 | 1.54 | 5.16 | 9.88 | 1.52 | 7.34 | 14.47 | - |
| 1981 | 5.39 | 9.82 | 1.92 | 5.31 | 9.56 | 2.03 | 8.09 | 16.33 | - |
| 1982 | 5.30 | 9.76 | 1.80 | 5.27 | 9.75 | 1.79 | 7.91 | 14.49 | 2.88 |
| 1983 | 5.35 | 9.94 | 1.73 | 5.43 | 10.19 | 1.69 | 6.81 | 12.20 | 2.61 |
| 1984 | 5.10 | 9.62 | 1.58 | 4.99 | 9.58 | 1.46 | 8.46 | 14.85 | 3.44 |
| 1985 | 5.42 | 9.93 | 1.93 | 5.41 | 10.01 | 1.88 | 8.46 | 15.40 | 3.37 |
| 1986 | 5.01 | 9.40 | 1.62 | 4.94 | 9.20 | 1.68 | 7.74 | 15.36 | 2.08 |
| 1987 | 5.19 | 9.42 | 1.92 | 5.14 | 9.36 | 1.89 | 8.20 | 15.08 | 3.12 |
| 1988 | 5.20 | 9.58 | 1.87 | 5.19 | 9.57 | 1.86 | 8.17 | 14.93 | 3.21 |
| 1989 | 5.02 | 8.91 | 2.00 | 4.98 | 8.89 | 1.92 | 7.89 | 14.25 | 3.28 |
| 1990 | 5.10 | 9.17 | 1.92 | 4.99 | 8.97 | 1.87 | 9.46 | 17.72 | 3.59 |
| 1991 | 4.73 | 8.46 | 1.80 | 4.79 | 8.53 | 1.85 | 6.59 | 12.27 | 2.28 |
| 1992 | 4.97 | 9.06 | 1.77 | 4.86 | 8.87 | 1.72 | 8.68 | 15.75 | 3.40 |
| 1993 | 4.38 | 8.13 | 1.48 | 4.38 | 8.03 | 1.56 | 6.99 | 14.20 | 1.71 |
| 1994 | 4.66 | 8.34 | 1.76 | 4.54 | 8.15 | 1.67 | 8.91 | 15.96 | 3.71 |
| 1995 | 4.41 | 7.89 | 1.61 | 4.42 | 7.87 | 1.62 | 6.82 | 13.15 | 2.25 |
| 1996 | 4.27 | 7.56 | 1.64 | 4.27 | 7.57 | 1.62 | 6.38 | 11.28 | 2.78 |
| 1997 | 4.22 | 7.55 | 1.61 | 4.14 | 7.32 | 1.62 | 7.25 | 13.52 | 2.74 |
| 1998 | 3.87 | 6.79 | 1.60 | 3.73 | 6.52 | 1.56 | 6.71 | 12.15 | 2.83 |
| 1999 | 4.19 | 7.05 | 1.86 | 4.15 | 6.99 | 1.78 | 7.10 | 12.08 | 3.64 |
| 2000 | 4.06 | 7.29 | 1.44 | 4.06 | 7.22 | 1.48 | 6.11 | 11.54 | 2.19 |
| 2001 | 3.67 | 6.59 | 1.27 | 3.60 | 6.37 | 1.30 | 6.25 | 12.19 | 1.92 |
| 2002 | 3.57 | 6.35 | 1.31 | 3.47 | 6.15 | 1.28 | 6.31 | 11.24 | 2.68 |
| 2003 | 3.35 | 6.00 | 1.22 | 3.36 | 5.90 | 1.28 | 5.05 | 9.57 | 1.83 |
| 2004 | 3.48 | 6.12 | 1.37 | 3.45 | 6.02 | 1.38 | 5.77 | 10.74 | 2.38 |
| 2005 | 3.49 | 6.22 | 1.31 | 3.51 | 6.16 | 1.36 | 5.72 | 10.64 | 2.04 |
| 2006 | 3.37 | 5.94 | 1.28 | 3.42 | 5.88 | 1.37 | 5.43 | 10.62 | 1.66 |
| 2007 | 3.25 | 5.69 | 1.24 | 3.25 | 5.63 | 1.24 | 5.64 | 10.23 | 2.33 |
| 2008 | 3.12 | 5.52 | 1.14 | 3.20 | 5.62 | 1.14 | 4.43 | 8.17 | 1.83 |
| 2009 | 3.10 | 5.67 | 0.99 | 3.17 | 5.69 | 1.07 | 4.18 | 8.30 | 1.26 |
| 2010 | 3.19 | 5.69 | 1.14 | 3.15 | 5.47 | 1.20 | 5.03 | 9.39 | 1.82 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 12.6
Cancer of the Larynx (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 1.45 | 2.72 | 0.51 | 1.35 | 2.52 | 0.48 | 2.64 | 5.23 | 0.83 |
| 1975 | 1.68 | 3.35 | 0.46 | 1.60 | 3.22 | 0.43 | 2.61 | 4.97 | 0.78 |
| 1976 | 1.72 | 3.41 | 0.49 | 1.63 | 3.26 | 0.47 | 2.63 | 5.13 | 0.71 |
| 1977 | 1.70 | 3.41 | 0.47 | 1.61 | 3.25 | 0.44 | 2.74 | 5.47 | 0.72 |
| 1978 | 1.70 | 3.40 | 0.49 | 1.59 | 3.18 | 0.46 | 2.90 | 5.88 | 0.71 |
| 1979 | 1.67 | 3.34 | 0.46 | 1.59 | 3.19 | 0.44 | 2.59 | 5.21 | 0.63 |
| 1980 | 1.61 | 3.17 | 0.48 | 1.49 | 2.95 | 0.44 | 2.91 | 5.73 | 0.87 |
| 1981 | 1.66 | 3.28 | 0.52 | 1.54 | 3.09 | 0.46 | 2.95 | 5.55 | 1.06 |
| 1982 | 1.67 | 3.23 | 0.54 | 1.57 | 3.05 | 0.51 | 2.79 | 5.51 | 0.83 |
| 1983 | 1.64 | 3.18 | 0.54 | 1.54 | 3.01 | 0.50 | 2.73 | 5.28 | 0.89 |
| 1984 | 1.63 | 3.16 | 0.53 | 1.50 | 2.90 | 0.51 | 3.05 | 6.21 | 0.75 |
| 1985 | 1.56 | 3.01 | 0.52 | 1.42 | 2.77 | 0.47 | 2.97 | 5.79 | 0.94 |
| 1986 | 1.59 | 3.06 | 0.55 | 1.45 | 2.81 | 0.50 | 3.07 | 6.11 | 0.96 |
| 1987 | 1.60 | 3.10 | 0.53 | 1.48 | 2.87 | 0.50 | 2.93 | 5.88 | 0.86 |
| 1988 | 1.58 | 3.04 | 0.53 | 1.43 | 2.73 | 0.51 | 3.21 | 6.73 | 0.76 |
| 1989 | 1.59 | 3.01 | 0.58 | 1.44 | 2.71 | 0.55 | 3.20 | 6.59 | 0.83 |
| 1990 | 1.55 | 2.97 | 0.54 | 1.42 | 2.73 | 0.49 | 3.00 | 5.79 | 1.08 |
| 1991 | 1.65 | 3.07 | 0.63 | 1.50 | 2.80 | 0.58 | 3.33 | 6.43 | 1.20 |
| 1992 | 1.61 | 3.00 | 0.61 | 1.46 | 2.73 | 0.57 | 3.26 | 6.39 | 1.07 |
| 1993 | 1.59 | 3.01 | 0.57 | 1.45 | 2.74 | 0.53 | 3.24 | 6.38 | 1.06 |
| 1994 | 1.55 | 2.92 | 0.57 | 1.41 | 2.63 | 0.53 | 3.20 | 6.41 | 1.04 |
| 1995 | 1.50 | 2.82 | 0.54 | 1.37 | 2.56 | 0.50 | 3.03 | 5.97 | 1.03 |
| 1996 | 1.50 | 2.78 | 0.56 | 1.36 | 2.49 | 0.53 | 3.16 | 6.35 | 0.97 |
| 1997 | 1.44 | 2.67 | 0.53 | 1.30 | 2.40 | 0.50 | 2.98 | 6.08 | 0.89 |
| 1998 | 1.43 | 2.58 | 0.57 | 1.31 | 2.34 | 0.54 | 2.83 | 5.55 | 0.90 |
| 1999 | 1.39 | 2.54 | 0.53 | 1.29 | 2.34 | 0.50 | 2.59 | 5.13 | 0.85 |
| 2000 | 1.39 | 2.55 | 0.52 | 1.27 | 2.32 | 0.49 | 2.79 | 5.46 | 0.95 |
| 2001 | 1.34 | 2.48 | 0.49 | 1.24 | 2.28 | 0.46 | 2.55 | 4.99 | 0.88 |
| 2002 | 1.29 | 2.33 | 0.50 | 1.20 | 2.15 | 0.47 | 2.46 | 4.81 | 0.84 |
| 2003 | 1.29 | 2.36 | 0.47 | 1.20 | 2.16 | 0.45 | 2.50 | 5.12 | 0.75 |
| 2004 | 1.22 | 2.25 | 0.44 | 1.15 | 2.09 | 0.43 | 2.23 | 4.57 | 0.66 |
| 2005 | 1.25 | 2.24 | 0.48 | 1.16 | 2.07 | 0.47 | 2.30 | 4.59 | 0.77 |
| 2006 | 1.22 | 2.19 | 0.48 | 1.16 | 2.04 | 0.48 | 2.07 | 4.11 | 0.68 |
| 2007 | 1.14 | 2.05 | 0.42 | 1.06 | 1.88 | 0.41 | 2.11 | 4.28 | 0.64 |
| 2008 | 1.15 | 2.05 | 0.45 | 1.10 | 1.93 | 0.44 | 2.01 | 3.89 | 0.74 |
| 2009 | 1.09 | 1.94 | 0.42 | 1.03 | 1.82 | 0.41 | 1.88 | 3.78 | 0.60 |
| 2010 | 1.08 | 1.95 | 0.40 | 1.03 | 1.85 | 0.38 | 1.78 | 3.38 | 0.67 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.4
LeukemiaDelay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 12.80 | 16.93 | 9.96 | 13.10 | 17.49 | 10.10 | 11.58 | 16.33 | 8.47 |
| 1976 | 13.55 | 18.49 | 10.21 | 13.84 | 19.13 | 10.31 | 11.30 | 14.19 | 9.39 |
| 1977 | 12.74 | 16.34 | 10.22 | 13.20 | 17.04 | 10.52 | 10.15 | 13.61 | 7.72 |
| 1978 | 12.87 | 17.25 | 9.79 | 13.54 | 18.30 | 10.26 | 9.16 | 11.42 | 7.47 |
| 1979 | 12.56 | 16.79 | 9.70 | 13.03 | 17.56 | 10.02 | 10.60 | 13.52 | 8.64 |
| 1980 | 12.92 | 17.36 | 9.84 | 13.27 | 17.91 | 10.11 | 12.18 | 16.11 | 9.47 |
| 1981 | 12.38 | 16.48 | 9.65 | 12.66 | 17.03 | 9.82 | 12.27 | 14.47 | 10.37 |
| 1982 | 13.16 | 18.25 | 9.70 | 13.51 | 18.80 | 9.94 | 10.75 | 15.16 | 7.91 |
| 1983 | 13.15 | 17.82 | 9.91 | 13.49 | 18.45 | 10.08 | 12.49 | 15.96 | 10.07 |
| 1984 | 13.01 | 17.11 | 10.12 | 13.46 | 17.98 | 10.34 | 10.68 | 11.88 | 9.61 |
| 1985 | 13.38 | 17.78 | 10.39 | 13.75 | 18.30 | 10.66 | 12.33 | 17.04 | 9.30 |
| 1986 | 12.85 | 17.55 | 9.52 | 13.41 | 18.40 | 9.94 | 10.24 | 13.21 | 8.09 |
| 1987 | 13.37 | 17.77 | 10.34 | 13.81 | 18.48 | 10.62 | 12.59 | 17.62 | 9.27 |
| 1988 | 12.98 | 17.54 | 9.71 | 13.44 | 18.32 | 10.00 | 11.57 | 14.05 | 9.43 |
| 1989 | 13.47 | 17.69 | 10.48 | 14.00 | 18.35 | 11.00 | 11.28 | 15.82 | 8.12 |
| 1990 | 12.92 | 17.35 | 9.80 | 13.54 | 18.29 | 10.24 | 11.43 | 14.94 | 8.91 |
| 1991 | 13.08 | 16.81 | 10.25 | 13.72 | 17.78 | 10.62 | 10.84 | 12.12 | 10.00 |
| 1992 | 13.08 | 17.58 | 9.82 | 13.67 | 18.75 | 10.04 | 10.71 | 13.96 | 8.44 |
| 1993 | 13.11 | 17.12 | 10.10 | 13.69 | 18.07 | 10.39 | 11.65 | 15.26 | 9.12 |
| 1994 | 13.12 | 17.05 | 10.21 | 13.80 | 17.98 | 10.75 | 9.91 | 12.77 | 7.82 |
| 1995 | 13.62 | 17.80 | 10.51 | 14.52 | 18.95 | 11.24 | 9.89 | 13.46 | 7.46 |
| 1996 | 13.20 | 17.08 | 10.42 | 13.82 | 17.92 | 10.88 | 10.77 | 13.94 | 8.79 |
| 1997 | 13.29 | 17.73 | 10.06 | 14.16 | 18.89 | 10.73 | 10.59 | 14.04 | 8.30 |
| 1998 | 13.27 | 17.31 | 10.28 | 14.12 | 18.27 | 11.03 | 9.94 | 14.59 | 7.03 |
| 1999 | 12.94 | 17.27 | 9.74 | 13.60 | 18.12 | 10.23 | 10.75 | 14.24 | 8.50 |
| 2000 | 13.81 | 17.94 | 10.72 | 14.54 | 18.95 | 11.25 | 11.92 | 13.98 | 10.38 |
| 2001 | 14.50 | 18.87 | 11.21 | 15.48 | 20.01 | 12.05 | 12.04 | 14.71 | 10.17 |
| 2002 | 13.74 | 18.12 | 10.45 | 14.89 | 19.58 | 11.33 | 9.10 | 12.03 | 7.07 |
| 2003 | 13.85 | 18.14 | 10.61 | 14.71 | 19.38 | 11.16 | 11.50 | 14.76 | 9.16 |
| 2004 | 14.11 | 18.38 | 10.88 | 14.89 | 19.28 | 11.49 | 13.04 | 17.85 | 10.04 |
| 2005 | 14.03 | 18.39 | 10.69 | 15.02 | 19.94 | 11.19 | 11.56 | 12.97 | 10.55 |
| 2006 | 14.03 | 17.55 | 11.40 | 15.13 | 18.75 | 12.43 | 11.52 | 15.80 | 8.62 |
| 2007 | 13.84 | 18.25 | 10.50 | 15.02 | 19.78 | 11.34 | 10.36 | 14.45 | 7.84 |
| 2008 | 14.46 | 18.76 | 11.08 | 15.42 | 20.03 | 11.74 | 11.66 | 15.85 | 8.56 |
| 2009 | 14.13 | 18.23 | 10.94 | 15.10 | 19.48 | 11.60 | 11.67 | 15.83 | 8.86 |
| 2010 | 15.10 | 19.79 | 11.53 | 16.28 | 21.29 | 12.36 | 11.58 | 14.96 | 9.44 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 13.5
LeukemiaAge-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 13.18 | 17.36 | 10.13 | 13.80 | 18.26 | 10.56 | 10.87 | 14.15 | 8.63 |
| 1975 | 12.80 | 16.93 | 9.96 | 13.10 | 17.49 | 10.10 | 11.58 | 16.33 | 8.47 |
| 1976 | 13.55 | 18.49 | 10.21 | 13.84 | 19.13 | 10.31 | 11.30 | 14.19 | 9.39 |
| 1977 | 12.74 | 16.34 | 10.22 | 13.20 | 17.04 | 10.52 | 10.15 | 13.61 | 7.72 |
| 1978 | 12.87 | 17.25 | 9.79 | 13.54 | 18.30 | 10.26 | 9.16 | 11.42 | 7.47 |
| 1979 | 12.56 | 16.79 | 9.70 | 13.03 | 17.56 | 10.02 | 10.60 | 13.52 | 8.64 |
| 1980 | 12.92 | 17.36 | 9.84 | 13.27 | 17.91 | 10.11 | 12.18 | 16.11 | 9.47 |
| 1981 | 12.38 | 16.48 | 9.65 | 12.66 | 17.03 | 9.82 | 12.27 | 14.47 | 10.37 |
| 1982 | 13.15 | 18.25 | 9.70 | 13.51 | 18.80 | 9.94 | 10.75 | 15.16 | 7.91 |
| 1983 | 13.15 | 17.82 | 9.91 | 13.49 | 18.45 | 10.07 | 12.48 | 15.95 | 10.06 |
| 1984 | 13.01 | 17.11 | 10.12 | 13.46 | 17.97 | 10.34 | 10.68 | 11.87 | 9.61 |
| 1985 | 13.38 | 17.77 | 10.38 | 13.75 | 18.29 | 10.65 | 12.32 | 17.03 | 9.30 |
| 1986 | 12.84 | 17.54 | 9.51 | 13.40 | 18.39 | 9.93 | 10.23 | 13.20 | 8.09 |
| 1987 | 13.36 | 17.75 | 10.33 | 13.80 | 18.46 | 10.61 | 12.57 | 17.60 | 9.26 |
| 1988 | 12.97 | 17.52 | 9.70 | 13.42 | 18.30 | 9.99 | 11.55 | 14.03 | 9.42 |
| 1989 | 13.45 | 17.67 | 10.47 | 13.98 | 18.32 | 10.98 | 11.26 | 15.80 | 8.11 |
| 1990 | 12.90 | 17.32 | 9.78 | 13.51 | 18.25 | 10.22 | 11.40 | 14.91 | 8.89 |
| 1991 | 13.06 | 16.78 | 10.23 | 13.69 | 17.74 | 10.60 | 10.81 | 12.09 | 9.98 |
| 1992 | 13.05 | 17.54 | 9.80 | 13.63 | 18.69 | 10.01 | 10.68 | 13.91 | 8.42 |
| 1993 | 13.07 | 17.07 | 10.07 | 13.64 | 18.00 | 10.35 | 11.61 | 15.20 | 9.09 |
| 1994 | 13.07 | 16.99 | 10.18 | 13.74 | 17.90 | 10.70 | 9.86 | 12.71 | 7.78 |
| 1995 | 13.56 | 17.73 | 10.46 | 14.45 | 18.84 | 11.18 | 9.84 | 13.38 | 7.42 |
| 1996 | 13.13 | 16.99 | 10.36 | 13.73 | 17.81 | 10.81 | 10.70 | 13.85 | 8.73 |
| 1997 | 13.21 | 17.61 | 10.00 | 14.05 | 18.73 | 10.64 | 10.50 | 13.93 | 8.24 |
| 1998 | 13.17 | 17.18 | 10.21 | 13.98 | 18.09 | 10.92 | 9.84 | 14.45 | 6.96 |
| 1999 | 12.81 | 17.10 | 9.65 | 13.44 | 17.91 | 10.11 | 10.62 | 14.07 | 8.40 |
| 2000 | 13.64 | 17.73 | 10.59 | 14.33 | 18.68 | 11.09 | 11.75 | 13.78 | 10.23 |
| 2001 | 14.29 | 18.59 | 11.04 | 15.20 | 19.65 | 11.83 | 11.83 | 14.45 | 9.99 |
| 2002 | 13.50 | 17.79 | 10.26 | 14.57 | 19.15 | 11.08 | 8.90 | 11.77 | 6.91 |
| 2003 | 13.55 | 17.74 | 10.37 | 14.32 | 18.87 | 10.86 | 11.19 | 14.37 | 8.92 |
| 2004 | 13.73 | 17.88 | 10.59 | 14.40 | 18.65 | 11.11 | 12.62 | 17.27 | 9.71 |
| 2005 | 13.56 | 17.77 | 10.33 | 14.41 | 19.14 | 10.74 | 11.09 | 12.45 | 10.12 |
| 2006 | 13.45 | 16.83 | 10.93 | 14.37 | 17.81 | 11.81 | 10.94 | 15.01 | 8.19 |
| 2007 | 13.10 | 17.27 | 9.94 | 14.09 | 18.55 | 10.64 | 9.72 | 13.56 | 7.36 |
| 2008 | 13.50 | 17.51 | 10.34 | 14.23 | 18.48 | 10.83 | 10.76 | 14.63 | 7.90 |
| 2009 | 12.95 | 16.71 | 10.03 | 13.65 | 17.61 | 10.49 | 10.55 | 14.30 | 8.01 |
| 2010 | 13.31 | 17.44 | 10.16 | 14.06 | 18.40 | 10.68 | 10.01 | 12.93 | 8.16 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.6
Acute Lymphocytic Leukemia

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 1.35 | 1.56 | 1.15 | 1.43 | 1.66 | 1.21 | 0.82 | 0.91 | 0.74 |
| 1975 | 0.93 | 1.12 | 0.76 | 0.99 | 1.23 | 0.78 | - | - | - |
| 1976 | 1.08 | 1.29 | 0.93 | 1.09 | 1.34 | 0.91 | 0.79 | - | - |
| 1977 | 1.10 | 1.30 | 0.91 | 1.17 | 1.38 | 0.96 | - | - | - |
| 1978 | 1.03 | 1.24 | 0.83 | 1.11 | 1.33 | 0.90 | - | - | - |
| 1979 | 1.02 | 1.18 | 0.88 | 1.08 | 1.20 | 0.97 | - | - | - |
| 1980 | 1.12 | 1.40 | 0.88 | 1.16 | 1.47 | 0.90 | 0.73 | - | - |
| 1981 | 1.24 | 1.31 | 1.18 | 1.30 | 1.39 | 1.23 | 0.95 | - | - |
| 1982 | 1.23 | 1.50 | 0.99 | 1.30 | 1.56 | 1.05 | - | - | - |
| 1983 | 1.29 | 1.53 | 1.08 | 1.39 | 1.65 | 1.17 | 0.80 | - | - |
| 1984 | 1.32 | 1.49 | 1.20 | 1.35 | 1.50 | 1.24 | 0.92 | - | - |
| 1985 | 1.30 | 1.55 | 1.09 | 1.35 | 1.62 | 1.12 | - | - | - |
| 1986 | 1.30 | 1.67 | 0.96 | 1.38 | 1.82 | 0.97 | 0.77 | - | - |
| 1987 | 1.32 | 1.48 | 1.19 | 1.35 | 1.55 | 1.19 | 0.89 | - | 1.15 |
| 1988 | 1.40 | 1.79 | 1.07 | 1.44 | 1.84 | 1.12 | 0.98 | - | - |
| 1989 | 1.62 | 1.82 | 1.43 | 1.69 | 1.90 | 1.49 | 1.03 | - | - |
| 1990 | 1.41 | 1.75 | 1.16 | 1.52 | 1.84 | 1.29 | 0.57 | - | - |
| 1991 | 1.38 | 1.72 | 1.05 | 1.51 | 1.94 | 1.09 | 0.86 | - | - |
| 1992 | 1.35 | 1.59 | 1.14 | 1.40 | 1.73 | 1.09 | 0.91 | - | - |
| 1993 | 1.26 | 1.41 | 1.09 | 1.37 | 1.57 | 1.14 | 0.82 | - | - |
| 1994 | 1.19 | 1.48 | 0.93 | 1.28 | 1.59 | 1.01 | 0.68 | - | - |
| 1995 | 1.50 | 1.80 | 1.20 | 1.61 | 1.88 | 1.34 | 0.96 | 1.27 | - |
| 1996 | 1.38 | 1.56 | 1.20 | 1.46 | 1.65 | 1.25 | 0.85 | - | - |
| 1997 | 1.33 | 1.51 | 1.16 | 1.45 | 1.62 | 1.28 | 0.75 | 0.89 | - |
| 1998 | 1.47 | 1.63 | 1.31 | 1.58 | 1.73 | 1.43 | 0.93 | 1.16 | - |
| 1999 | 1.31 | 1.48 | 1.15 | 1.41 | 1.57 | 1.25 | 0.68 | - | - |
| 2000 | 1.40 | 1.50 | 1.30 | 1.53 | 1.61 | 1.47 | 0.85 | - | - |
| 2001 | 1.47 | 1.67 | 1.26 | 1.59 | 1.83 | 1.35 | 0.68 | - | - |
| 2002 | 1.50 | 1.79 | 1.20 | 1.65 | 2.00 | 1.29 | 0.62 | - | - |
| 2003 | 1.43 | 1.66 | 1.22 | 1.48 | 1.70 | 1.27 | 0.76 | - | - |
| 2004 | 1.54 | 1.68 | 1.40 | 1.66 | 1.92 | 1.39 | 1.12 | - | 1.43 |
| 2005 | 1.58 | 1.88 | 1.29 | 1.68 | 1.96 | 1.38 | 0.97 | 1.18 | - |
| 2006 | 1.45 | 1.63 | 1.28 | 1.51 | 1.65 | 1.39 | 0.97 | 1.38 | - |
| 2007 | 1.53 | 1.68 | 1.39 | 1.60 | 1.72 | 1.50 | 0.97 | 1.06 | - |
| 2008 | 1.50 | 1.85 | 1.16 | 1.67 | 2.00 | 1.33 | 0.96 | 1.36 | - |
| 2009 | 1.46 | 1.60 | 1.34 | 1.57 | 1.74 | 1.41 | 0.96 | 1.08 | 0.85 |
| 2010 | 1.44 | 1.55 | 1.34 | 1.57 | 1.63 | 1.51 | 0.95 | 1.05 | 0.85 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.7
Chronic Lymphocytic Leukemia

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.65 | 6.49 | 3.31 | 5.01 | 7.01 | 3.57 | 3.67 | 5.23 | 2.60 |
| 1975 | 4.35 | 5.92 | 3.27 | 4.48 | 6.12 | 3.39 | 4.82 | 7.06 | 3.23 |
| 1976 | 4.57 | 6.77 | 3.10 | 4.77 | 7.18 | 3.16 | 4.26 | 6.58 | 2.95 |
| 1977 | 4.18 | 5.72 | 3.13 | 4.37 | 5.96 | 3.31 | 3.81 | 5.78 | 2.46 |
| 1978 | 4.46 | 5.94 | 3.45 | 4.76 | 6.43 | 3.62 | 3.33 | 3.64 | 3.07 |
| 1979 | 4.06 | 5.69 | 2.94 | 4.32 | 6.09 | 3.13 | 3.06 | 4.16 | - |
| 1980 | 4.52 | 6.30 | 3.33 | 4.69 | 6.54 | 3.46 | 4.51 | 7.06 | 2.89 |
| 1981 | 4.27 | 6.30 | 2.90 | 4.46 | 6.63 | 3.05 | 3.82 | 5.41 | 2.47 |
| 1982 | 4.30 | 6.15 | 3.01 | 4.51 | 6.41 | 3.18 | 3.77 | 6.65 | - |
| 1983 | 4.46 | 6.41 | 3.14 | 4.69 | 6.79 | 3.26 | 4.21 | 6.11 | 3.03 |
| 1984 | 4.43 | 6.30 | 3.12 | 4.71 | 6.82 | 3.28 | 3.45 | 4.46 | 2.65 |
| 1985 | 4.48 | 6.20 | 3.30 | 4.78 | 6.61 | 3.53 | 4.11 | 6.15 | 2.87 |
| 1986 | 4.50 | 6.33 | 3.24 | 4.87 | 6.84 | 3.54 | 2.79 | 4.18 | - |
| 1987 | 4.65 | 6.80 | 3.07 | 4.94 | 7.24 | 3.28 | 4.03 | 6.14 | 2.45 |
| 1988 | 4.54 | 6.45 | 3.14 | 4.75 | 6.85 | 3.26 | 4.43 | 5.32 | 3.53 |
| 1989 | 4.68 | 6.42 | 3.45 | 4.98 | 6.88 | 3.65 | 3.91 | 5.15 | 3.04 |
| 1990 | 4.59 | 6.29 | 3.40 | 4.89 | 6.75 | 3.59 | 4.51 | 6.13 | 3.43 |
| 1991 | 4.58 | 6.15 | 3.42 | 4.97 | 6.76 | 3.64 | 3.40 | 3.75 | 3.15 |
| 1992 | 4.60 | 6.72 | 3.14 | 5.03 | 7.41 | 3.40 | 3.21 | 4.96 | 2.08 |
| 1993 | 4.44 | 6.11 | 3.17 | 4.71 | 6.51 | 3.36 | 4.48 | 6.70 | 2.89 |
| 1994 | 4.57 | 6.10 | 3.42 | 5.00 | 6.66 | 3.77 | 3.19 | 4.13 | 2.32 |
| 1995 | 4.50 | 6.38 | 3.15 | 4.92 | 6.95 | 3.46 | 3.33 | 5.20 | 2.06 |
| 1996 | 4.67 | 6.30 | 3.49 | 5.09 | 6.82 | 3.86 | 3.52 | 5.36 | 2.26 |
| 1997 | 4.47 | 6.05 | 3.28 | 4.89 | 6.60 | 3.60 | 3.44 | 4.96 | 2.46 |
| 1998 | 4.18 | 5.92 | 2.92 | 4.60 | 6.49 | 3.23 | 2.80 | 3.73 | 2.21 |
| 1999 | 4.12 | 5.98 | 2.74 | 4.44 | 6.43 | 2.95 | 3.87 | 5.89 | 2.68 |
| 2000 | 4.54 | 6.40 | 3.12 | 5.00 | 7.11 | 3.38 | 3.35 | 4.31 | 2.72 |
| 2001 | 5.15 | 7.16 | 3.64 | 5.65 | 7.84 | 4.02 | 3.86 | 4.89 | 3.12 |
| 2002 | 4.96 | 6.96 | 3.46 | 5.56 | 7.78 | 3.89 | 2.97 | 4.29 | 2.02 |
| 2003 | 5.21 | 7.21 | 3.70 | 5.72 | 7.97 | 4.02 | 4.09 | 5.67 | 2.98 |
| 2004 | 5.31 | 7.38 | 3.75 | 5.75 | 7.78 | 4.20 | 4.66 | 7.74 | 2.62 |
| 2005 | 5.09 | 7.32 | 3.39 | 5.62 | 8.18 | 3.62 | 3.73 | 4.48 | 3.25 |
| 2006 | 5.32 | 7.03 | 4.06 | 5.85 | 7.63 | 4.51 | 4.20 | 6.41 | 2.78 |
| 2007 | 4.94 | 6.99 | 3.38 | 5.55 | 7.78 | 3.80 | 2.82 | 4.51 | 1.88 |
| 2008 | 5.06 | 6.78 | 3.76 | 5.54 | 7.32 | 4.16 | 3.70 | 5.59 | 2.29 |
| 2009 | 4.76 | 6.60 | 3.31 | 5.19 | 7.13 | 3.62 | 3.61 | 5.33 | 2.54 |
| 2010 | 4.74 | 6.67 | 3.26 | 5.15 | 7.18 | 3.57 | 3.00 | 4.16 | 2.22 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.8
Acute Myeloid Leukemia

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 3.49 | 4.33 | 2.90 | 3.55 | 4.43 | 2.95 | 3.04 | 3.65 | 2.66 |
| 1975 | 3.43 | 4.17 | 2.98 | 3.48 | 4.28 | 2.99 | 2.49 | 3.37 | 2.02 |
| 1976 | 3.50 | 4.43 | 2.87 | 3.53 | 4.46 | 2.91 | 2.56 | - | 2.64 |
| 1977 | 3.51 | 4.19 | 3.05 | 3.64 | 4.40 | 3.14 | 1.87 | - | - |
| 1978 | 3.42 | 4.43 | 2.69 | 3.53 | 4.59 | 2.78 | 2.70 | 3.47 | 2.13 |
| 1979 | 3.32 | 4.04 | 2.85 | 3.36 | 4.17 | 2.85 | 3.39 | 3.40 | 3.37 |
| 1980 | 3.14 | 4.10 | 2.43 | 3.17 | 4.11 | 2.49 | 2.88 | 3.28 | 2.53 |
| 1981 | 3.16 | 3.99 | 2.64 | 3.22 | 4.11 | 2.69 | 3.07 | 3.22 | 2.89 |
| 1982 | 3.42 | 4.80 | 2.59 | 3.47 | 4.91 | 2.62 | 2.50 | 3.22 | 2.09 |
| 1983 | 3.21 | 4.22 | 2.53 | 3.17 | 4.28 | 2.41 | 2.93 | 3.02 | 2.92 |
| 1984 | 3.30 | 4.06 | 2.73 | 3.35 | 4.17 | 2.77 | 2.35 | 2.10 | 2.44 |
| 1985 | 3.33 | 4.15 | 2.87 | 3.25 | 4.02 | 2.84 | 3.78 | 5.06 | 2.99 |
| 1986 | 3.00 | 3.91 | 2.40 | 2.95 | 3.85 | 2.38 | 3.21 | 4.04 | 2.68 |
| 1987 | 3.02 | 3.98 | 2.47 | 3.03 | 4.01 | 2.46 | 3.05 | 4.73 | 2.12 |
| 1988 | 3.03 | 3.79 | 2.51 | 3.07 | 3.87 | 2.56 | 2.79 | 3.14 | 2.49 |
| 1989 | 3.19 | 4.00 | 2.61 | 3.29 | 4.02 | 2.78 | 2.22 | 3.79 | - |
| 1990 | 3.04 | 3.91 | 2.43 | 3.12 | 4.06 | 2.46 | 2.55 | 3.02 | 2.19 |
| 1991 | 3.33 | 3.93 | 2.88 | 3.38 | 3.90 | 2.98 | 3.34 | 4.53 | 2.59 |
| 1992 | 3.22 | 3.85 | 2.76 | 3.28 | 4.03 | 2.75 | 3.05 | 2.99 | 3.05 |
| 1993 | 3.45 | 4.31 | 2.86 | 3.52 | 4.45 | 2.86 | 2.48 | 2.62 | 2.55 |
| 1994 | 3.46 | 4.14 | 3.02 | 3.48 | 4.25 | 2.97 | 2.94 | 3.24 | 2.77 |
| 1995 | 3.66 | 4.17 | 3.31 | 3.81 | 4.32 | 3.45 | 2.62 | 2.62 | 2.73 |
| 1996 | 3.47 | 4.35 | 2.90 | 3.47 | 4.30 | 2.94 | 3.21 | 4.05 | 2.73 |
| 1997 | 3.53 | 4.61 | 2.77 | 3.66 | 4.82 | 2.85 | 3.02 | 3.83 | 2.55 |
| 1998 | 3.92 | 4.93 | 3.19 | 4.05 | 5.05 | 3.32 | 3.05 | 4.64 | 2.11 |
| 1999 | 3.73 | 4.50 | 3.19 | 3.85 | 4.62 | 3.31 | 3.03 | 3.45 | 2.76 |
| 2000 | 4.05 | 4.95 | 3.41 | 4.05 | 4.96 | 3.39 | 4.41 | 4.88 | 4.01 |
| 2001 | 4.06 | 4.95 | 3.39 | 4.20 | 5.00 | 3.61 | 3.45 | 4.08 | 3.00 |
| 2002 | 3.63 | 4.58 | 2.98 | 3.78 | 4.78 | 3.11 | 2.91 | 3.31 | 2.67 |
| 2003 | 3.60 | 4.49 | 2.96 | 3.67 | 4.60 | 3.02 | 3.33 | 3.52 | 2.96 |
| 2004 | 3.41 | 4.13 | 2.92 | 3.50 | 4.21 | 3.00 | 3.33 | 4.25 | 2.96 |
| 2005 | 3.59 | 4.24 | 3.17 | 3.64 | 4.38 | 3.19 | 3.52 | 3.47 | 3.64 |
| 2006 | 3.53 | 4.08 | 3.14 | 3.64 | 4.18 | 3.25 | 2.84 | 3.34 | 2.57 |
| 2007 | 3.55 | 4.39 | 2.96 | 3.66 | 4.52 | 3.07 | 3.35 | 4.37 | 2.72 |
| 2008 | 3.81 | 4.67 | 3.17 | 3.85 | 4.83 | 3.08 | 3.04 | 3.78 | 2.69 |
| 2009 | 3.63 | 4.41 | 3.07 | 3.76 | 4.64 | 3.10 | 3.12 | 3.96 | 2.55 |
| 2010 | 4.04 | 5.11 | 3.26 | 4.21 | 5.36 | 3.33 | 3.27 | 4.36 | 2.57 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.9
Chronic Myeloid Leukemia

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 1.76 | 2.33 | 1.34 | 1.78 | 2.37 | 1.36 | 1.77 | 2.33 | 1.37 |
| 1975 | 1.98 | 2.93 | 1.33 | 2.00 | 3.01 | 1.31 | 1.94 | - | - |
| 1976 | 1.93 | 2.48 | 1.55 | 1.90 | 2.45 | 1.52 | 1.86 | 2.58 | - |
| 1977 | 1.68 | 2.08 | 1.39 | 1.69 | 2.14 | 1.37 | 1.84 | - | - |
| 1978 | 1.71 | 2.26 | 1.34 | 1.74 | 2.28 | 1.39 | 1.43 | - | - |
| 1979 | 1.87 | 2.48 | 1.43 | 1.89 | 2.50 | 1.45 | 1.94 | 2.80 | - |
| 1980 | 1.70 | 2.06 | 1.46 | 1.73 | 2.10 | 1.51 | 1.48 | - | - |
| 1981 | 1.64 | 1.97 | 1.41 | 1.59 | 1.90 | 1.39 | 2.38 | 3.00 | 1.81 |
| 1982 | 1.68 | 2.16 | 1.35 | 1.65 | 2.19 | 1.31 | 1.75 | - | 1.79 |
| 1983 | 1.69 | 2.23 | 1.33 | 1.64 | 2.15 | 1.32 | 2.51 | 3.44 | 1.85 |
| 1984 | 1.67 | 2.40 | 1.18 | 1.62 | 2.40 | 1.10 | 2.58 | 2.61 | 2.59 |
| 1985 | 1.98 | 2.76 | 1.44 | 2.01 | 2.80 | 1.48 | 2.06 | 2.89 | - |
| 1986 | 1.68 | 2.20 | 1.29 | 1.71 | 2.26 | 1.31 | 1.54 | - | - |
| 1987 | 1.88 | 2.32 | 1.58 | 1.90 | 2.38 | 1.58 | 2.14 | 2.88 | - |
| 1988 | 1.91 | 2.54 | 1.50 | 1.93 | 2.60 | 1.49 | 2.08 | 2.88 | - |
| 1989 | 1.70 | 2.22 | 1.35 | 1.68 | 2.18 | 1.35 | 2.21 | 3.12 | - |
| 1990 | 1.76 | 2.47 | 1.24 | 1.75 | 2.50 | 1.20 | 2.63 | 3.66 | 1.95 |
| 1991 | 1.88 | 2.44 | 1.47 | 1.91 | 2.55 | 1.46 | 1.56 | - | 1.75 |
| 1992 | 1.76 | 2.16 | 1.47 | 1.80 | 2.22 | 1.49 | 1.49 | 1.73 | - |
| 1993 | 1.92 | 2.53 | 1.48 | 1.95 | 2.52 | 1.56 | 2.26 | 3.56 | - |
| 1994 | 1.86 | 2.47 | 1.42 | 1.90 | 2.48 | 1.50 | 1.70 | 2.57 | - |
| 1995 | 1.89 | 2.55 | 1.37 | 1.96 | 2.69 | 1.39 | 1.54 | 1.98 | - |
| 1996 | 1.81 | 2.45 | 1.35 | 1.81 | 2.53 | 1.27 | 1.99 | 2.39 | 1.83 |
| 1997 | 1.87 | 2.68 | 1.29 | 1.93 | 2.74 | 1.36 | 1.67 | 2.53 | - |
| 1998 | 1.65 | 1.95 | 1.42 | 1.73 | 1.97 | 1.55 | 1.48 | 2.31 | - |
| 1999 | 1.80 | 2.49 | 1.28 | 1.78 | 2.44 | 1.28 | 1.72 | 2.30 | 1.26 |
| 2000 | 1.78 | 2.33 | 1.36 | 1.80 | 2.33 | 1.40 | 1.55 | 1.72 | 1.33 |
| 2001 | 1.79 | 2.34 | 1.38 | 1.84 | 2.37 | 1.45 | 1.91 | 2.68 | 1.36 |
| 2002 | 1.61 | 2.05 | 1.28 | 1.63 | 2.08 | 1.31 | 1.10 | - | - |
| 2003 | 1.62 | 2.19 | 1.17 | 1.71 | 2.31 | 1.23 | 1.41 | 2.04 | - |
| 2004 | 1.78 | 2.51 | 1.22 | 1.85 | 2.62 | 1.25 | 1.47 | 1.97 | 1.11 |
| 2005 | 1.65 | 2.21 | 1.20 | 1.72 | 2.30 | 1.27 | 1.60 | 2.22 | 1.20 |
| 2006 | 1.80 | 2.38 | 1.36 | 1.90 | 2.50 | 1.45 | 1.61 | 2.17 | 1.16 |
| 2007 | 1.65 | 2.25 | 1.16 | 1.75 | 2.43 | 1.19 | 1.44 | 1.99 | 1.11 |
| 2008 | 1.74 | 2.23 | 1.34 | 1.73 | 2.16 | 1.40 | 1.73 | 2.42 | 1.11 |
| 2009 | 1.71 | 2.30 | 1.25 | 1.71 | 2.24 | 1.29 | 1.66 | 2.60 | 1.05 |
| 2010 | 1.70 | 2.29 | 1.23 | 1.64 | 2.26 | 1.15 | 1.76 | 2.01 | 1.64 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 13.10
LeukemiaAge-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 7.72 | 10.37 | 5.92 | 7.91 | 10.64 | 6.05 | 6.81 | 9.02 | 5.39 |
| 1975 | 8.09 | 10.98 | 6.16 | 8.27 | 11.28 | 6.29 | 6.58 | 8.57 | 5.15 |
| 1976 | 8.10 | 10.88 | 6.19 | 8.27 | 11.19 | 6.28 | 6.76 | 8.49 | 5.48 |
| 1977 | 8.11 | 10.84 | 6.26 | 8.27 | 11.11 | 6.34 | 6.82 | 8.76 | 5.51 |
| 1978 | 8.02 | 10.83 | 6.15 | 8.19 | 11.06 | 6.28 | 6.70 | 9.25 | 4.94 |
| 1979 | 8.26 | 11.06 | 6.41 | 8.43 | 11.36 | 6.52 | 6.99 | 8.90 | 5.68 |
| 1980 | 8.36 | 11.21 | 6.46 | 8.54 | 11.51 | 6.56 | 7.05 | 9.09 | 5.67 |
| 1981 | 8.10 | 10.89 | 6.24 | 8.24 | 11.16 | 6.31 | 7.11 | 8.92 | 5.86 |
| 1982 | 8.19 | 11.04 | 6.31 | 8.33 | 11.29 | 6.39 | 7.14 | 9.36 | 5.67 |
| 1983 | 8.11 | 10.93 | 6.26 | 8.24 | 11.19 | 6.32 | 7.22 | 9.21 | 5.90 |
| 1984 | 8.08 | 10.68 | 6.37 | 8.23 | 10.91 | 6.47 | 7.08 | 9.16 | 5.69 |
| 1985 | 8.07 | 10.77 | 6.31 | 8.23 | 10.97 | 6.44 | 7.08 | 9.62 | 5.42 |
| 1986 | 7.96 | 10.71 | 6.16 | 8.10 | 10.97 | 6.23 | 7.25 | 9.26 | 5.91 |
| 1987 | 7.80 | 10.31 | 6.14 | 7.91 | 10.50 | 6.20 | 7.24 | 9.41 | 5.85 |
| 1988 | 7.83 | 10.60 | 6.00 | 7.95 | 10.79 | 6.08 | 7.24 | 9.83 | 5.58 |
| 1989 | 7.95 | 10.62 | 6.15 | 8.07 | 10.75 | 6.26 | 7.36 | 10.34 | 5.45 |
| 1990 | 7.98 | 10.71 | 6.18 | 8.10 | 10.90 | 6.26 | 7.44 | 9.96 | 5.83 |
| 1991 | 7.99 | 10.50 | 6.32 | 8.12 | 10.64 | 6.44 | 7.45 | 10.05 | 5.80 |
| 1992 | 7.96 | 10.71 | 6.13 | 8.11 | 10.94 | 6.24 | 7.16 | 9.41 | 5.68 |
| 1993 | 7.93 | 10.66 | 6.09 | 8.04 | 10.84 | 6.16 | 7.36 | 9.76 | 5.77 |
| 1994 | 7.85 | 10.57 | 6.03 | 8.00 | 10.78 | 6.13 | 7.12 | 9.59 | 5.54 |
| 1995 | 7.90 | 10.80 | 5.98 | 8.04 | 11.03 | 6.05 | 7.17 | 9.75 | 5.53 |
| 1996 | 7.84 | 10.53 | 6.05 | 7.97 | 10.71 | 6.13 | 7.46 | 10.09 | 5.90 |
| 1997 | 7.71 | 10.42 | 5.89 | 7.89 | 10.68 | 6.01 | 6.83 | 9.23 | 5.29 |
| 1998 | 7.58 | 10.11 | 5.82 | 7.72 | 10.31 | 5.91 | 7.04 | 9.37 | 5.55 |
| 1999 | 7.68 | 10.22 | 5.96 | 7.87 | 10.47 | 6.09 | 6.74 | 8.78 | 5.43 |
| 2000 | 7.69 | 10.28 | 5.91 | 7.89 | 10.54 | 6.05 | 6.71 | 9.07 | 5.27 |
| 2001 | 7.64 | 10.19 | 5.88 | 7.83 | 10.46 | 6.02 | 6.74 | 8.80 | 5.41 |
| 2002 | 7.54 | 10.18 | 5.73 | 7.75 | 10.46 | 5.85 | 6.73 | 8.91 | 5.38 |
| 2003 | 7.45 | 10.02 | 5.63 | 7.68 | 10.37 | 5.76 | 6.54 | 8.47 | 5.30 |
| 2004 | 7.29 | 9.81 | 5.52 | 7.47 | 10.04 | 5.64 | 6.77 | 8.94 | 5.39 |
| 2005 | 7.26 | 9.82 | 5.46 | 7.50 | 10.14 | 5.63 | 6.07 | 8.11 | 4.78 |
| 2006 | 7.23 | 9.70 | 5.46 | 7.48 | 9.97 | 5.66 | 6.27 | 8.84 | 4.70 |
| 2007 | 7.08 | 9.54 | 5.33 | 7.30 | 9.86 | 5.46 | 6.19 | 8.07 | 5.05 |
| 2008 | 7.09 | 9.54 | 5.33 | 7.32 | 9.83 | 5.49 | 6.27 | 8.65 | 4.78 |
| 2009 | 7.06 | 9.53 | 5.25 | 7.31 | 9.86 | 5.41 | 6.05 | 8.14 | 4.71 |
| 2010 | 6.91 | 9.25 | 5.20 | 7.16 | 9.58 | 5.37 | 5.75 | 7.46 | 4.60 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 14.4
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)
Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 2.64 | 3.93 | 1.64 | 2.19 | 3.23 | 1.43 | 4.74 | 6.46 | 3.19 |
| 1976 | 2.66 | 3.84 | 1.76 | 2.29 | 3.16 | 1.62 | 4.03 | 6.23 | - |
| 1977 | 2.68 | 4.25 | 1.56 | 2.24 | 3.57 | 1.33 | 3.47 | 5.02 | - |
| 1978 | 2.67 | 4.15 | 1.56 | 2.17 | 3.27 | 1.39 | 4.23 | 6.82 | 2.13 |
| 1979 | 2.68 | 4.06 | 1.67 | 2.23 | 3.30 | 1.50 | 4.07 | 7.10 | - |
| 1980 | 2.63 | 3.94 | 1.67 | 2.26 | 3.28 | 1.56 | 3.62 | 5.01 | 2.47 |
| 1981 | 2.93 | 4.65 | 1.66 | 2.49 | 3.88 | 1.51 | 4.59 | 7.09 | 2.53 |
| 1982 | 2.94 | 4.37 | 1.88 | 2.40 | 3.48 | 1.64 | 3.85 | 5.40 | 2.63 |
| 1983 | 2.91 | 4.68 | 1.58 | 2.38 | 3.74 | 1.41 | 4.11 | 6.30 | 2.33 |
| 1984 | 2.86 | 4.27 | 1.87 | 2.32 | 3.41 | 1.60 | 3.34 | 5.26 | 1.91 |
| 1985 | 3.16 | 5.10 | 1.73 | 2.60 | 4.15 | 1.51 | 3.96 | 7.64 | - |
| 1986 | 3.20 | 4.78 | 2.02 | 2.61 | 3.89 | 1.70 | 5.03 | 7.56 | 3.20 |
| 1987 | 3.38 | 4.85 | 2.20 | 2.66 | 3.64 | 1.87 | 5.35 | 7.69 | 3.57 |
| 1988 | 3.38 | 5.44 | 1.81 | 2.70 | 4.24 | 1.59 | 4.84 | 8.86 | - |
| 1989 | 3.61 | 5.58 | 2.17 | 2.86 | 4.28 | 1.89 | 5.28 | 9.07 | 2.60 |
| 1990 | 3.93 | 6.04 | 2.30 | 3.05 | 4.65 | 1.86 | 6.50 | 10.62 | 3.47 |
| 1991 | 4.33 | 6.68 | 2.57 | 3.53 | 5.55 | 2.12 | 5.96 | 9.24 | 3.48 |
| 1992 | 3.99 | 6.07 | 2.39 | 3.18 | 4.82 | 1.93 | 5.63 | 8.42 | 3.43 |
| 1993 | 4.51 | 7.15 | 2.48 | 3.69 | 5.89 | 2.07 | 6.19 | 10.13 | 3.09 |
| 1994 | 4.45 | 6.98 | 2.49 | 3.59 | 5.59 | 2.08 | 5.05 | 9.53 | 1.86 |
| 1995 | 4.56 | 6.82 | 2.80 | 3.58 | 5.37 | 2.25 | 6.05 | 8.58 | 3.95 |
| 1996 | 5.42 | 8.29 | 3.14 | 4.41 | 6.76 | 2.63 | 6.72 | 10.97 | 3.56 |
| 1997 | 5.37 | 8.06 | 3.16 | 4.39 | 6.56 | 2.60 | 7.43 | 11.38 | 4.43 |
| 1998 | 5.49 | 8.34 | 3.15 | 4.56 | 6.97 | 2.59 | 6.52 | 9.65 | 4.07 |
| 1999 | 5.84 | 8.88 | 3.34 | 4.75 | 7.23 | 2.74 | 7.74 | 12.23 | 4.39 |
| 2000 | 5.64 | 8.53 | 3.24 | 4.71 | 7.07 | 2.75 | 6.91 | 11.60 | 3.45 |
| 2001 | 5.62 | 8.69 | 3.16 | 4.36 | 6.61 | 2.55 | 7.91 | 13.82 | 3.41 |
| 2002 | 5.76 | 8.78 | 3.25 | 4.63 | 7.04 | 2.57 | 7.36 | 11.98 | 3.81 |
| 2003 | 6.17 | 9.49 | 3.34 | 5.01 | 7.75 | 2.67 | 7.74 | 12.56 | 3.91 |
| 2004 | 6.44 | 10.09 | 3.33 | 5.16 | 8.01 | 2.70 | 9.45 | 15.96 | 4.46 |
| 2005 | 6.86 | 10.46 | 3.76 | 5.53 | 8.63 | 2.87 | 9.48 | 14.93 | 5.02 |
| 2006 | 7.20 | 11.10 | 3.81 | 5.89 | 9.24 | 2.96 | 9.76 | 15.31 | 5.26 |
| 2007 | 7.45 | 11.64 | 3.82 | 6.02 | 9.43 | 3.02 | 10.25 | 17.70 | 4.60 |
| 2008 | 7.64 | 11.73 | 4.13 | 6.39 | 9.70 | 3.49 | 11.01 | 19.20 | 4.92 |
| 2009 | 8.09 | 12.62 | 4.15 | 6.63 | 10.31 | 3.38 | 11.68 | 19.29 | 5.64 |
| 2010 | 8.11 | 12.48 | 4.30 | 6.72 | 10.34 | 3.50 | 11.81 | 19.74 | 5.72 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 14.5
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)
Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.96 | 7.68 | 2.76 | 4.00 | 6.17 | 2.26 | 7.14 | 11.64 | 3.67 |
| 1975 | 2.64 | 3.93 | 1.64 | 2.19 | 3.23 | 1.43 | 4.74 | 6.46 | 3.19 |
| 1976 | 2.66 | 3.84 | 1.76 | 2.29 | 3.16 | 1.62 | 4.03 | 6.23 | - |
| 1977 | 2.68 | 4.25 | 1.56 | 2.24 | 3.57 | 1.33 | 3.47 | 5.02 | - |
| 1978 | 2.67 | 4.15 | 1.56 | 2.17 | 3.27 | 1.39 | 4.23 | 6.82 | 2.13 |
| 1979 | 2.68 | 4.06 | 1.67 | 2.23 | 3.30 | 1.50 | 4.07 | 7.10 | - |
| 1980 | 2.63 | 3.94 | 1.67 | 2.26 | 3.28 | 1.56 | 3.62 | 5.01 | 2.47 |
| 1981 | 2.93 | 4.65 | 1.66 | 2.49 | 3.88 | 1.51 | 4.59 | 7.09 | 2.53 |
| 1982 | 2.94 | 4.37 | 1.88 | 2.40 | 3.48 | 1.64 | 3.85 | 5.40 | 2.63 |
| 1983 | 2.91 | 4.68 | 1.58 | 2.38 | 3.74 | 1.41 | 4.11 | 6.30 | 2.33 |
| 1984 | 2.86 | 4.27 | 1.87 | 2.32 | 3.41 | 1.60 | 3.34 | 5.26 | 1.91 |
| 1985 | 3.16 | 5.10 | 1.73 | 2.60 | 4.15 | 1.51 | 3.96 | 7.64 | - |
| 1986 | 3.20 | 4.78 | 2.02 | 2.61 | 3.89 | 1.70 | 5.03 | 7.56 | 3.20 |
| 1987 | 3.38 | 4.84 | 2.20 | 2.66 | 3.64 | 1.87 | 5.35 | 7.69 | 3.57 |
| 1988 | 3.38 | 5.44 | 1.81 | 2.70 | 4.24 | 1.59 | 4.84 | 8.86 | - |
| 1989 | 3.60 | 5.58 | 2.17 | 2.86 | 4.28 | 1.89 | 5.28 | 9.07 | 2.60 |
| 1990 | 3.93 | 6.03 | 2.30 | 3.05 | 4.65 | 1.86 | 6.50 | 10.61 | 3.47 |
| 1991 | 4.32 | 6.68 | 2.57 | 3.53 | 5.55 | 2.12 | 5.95 | 9.24 | 3.48 |
| 1992 | 3.99 | 6.07 | 2.39 | 3.18 | 4.82 | 1.93 | 5.63 | 8.42 | 3.43 |
| 1993 | 4.50 | 7.14 | 2.48 | 3.69 | 5.89 | 2.07 | 6.19 | 10.12 | 3.09 |
| 1994 | 4.45 | 6.98 | 2.48 | 3.59 | 5.59 | 2.08 | 5.05 | 9.52 | 1.86 |
| 1995 | 4.55 | 6.81 | 2.80 | 3.57 | 5.37 | 2.24 | 6.05 | 8.58 | 3.94 |
| 1996 | 5.42 | 8.28 | 3.14 | 4.41 | 6.76 | 2.63 | 6.72 | 10.96 | 3.55 |
| 1997 | 5.36 | 8.05 | 3.16 | 4.38 | 6.56 | 2.60 | 7.42 | 11.37 | 4.43 |
| 1998 | 5.48 | 8.33 | 3.15 | 4.55 | 6.96 | 2.58 | 6.51 | 9.64 | 4.06 |
| 1999 | 5.83 | 8.87 | 3.33 | 4.75 | 7.22 | 2.73 | 7.73 | 12.21 | 4.39 |
| 2000 | 5.63 | 8.51 | 3.23 | 4.70 | 7.06 | 2.74 | 6.90 | 11.58 | 3.44 |
| 2001 | 5.61 | 8.67 | 3.15 | 4.35 | 6.60 | 2.55 | 7.89 | 13.79 | 3.40 |
| 2002 | 5.75 | 8.76 | 3.24 | 4.62 | 7.02 | 2.56 | 7.34 | 11.95 | 3.80 |
| 2003 | 6.16 | 9.46 | 3.33 | 5.00 | 7.72 | 2.66 | 7.71 | 12.52 | 3.90 |
| 2004 | 6.42 | 10.06 | 3.32 | 5.14 | 7.97 | 2.69 | 9.41 | 15.89 | 4.44 |
| 2005 | 6.83 | 10.41 | 3.74 | 5.50 | 8.58 | 2.85 | 9.43 | 14.84 | 5.00 |
| 2006 | 7.17 | 11.05 | 3.79 | 5.85 | 9.18 | 2.94 | 9.70 | 15.21 | 5.22 |
| 2007 | 7.41 | 11.57 | 3.80 | 5.97 | 9.35 | 3.00 | 10.16 | 17.55 | 4.56 |
| 2008 | 7.58 | 11.63 | 4.10 | 6.32 | 9.60 | 3.45 | 10.89 | 18.99 | 4.87 |
| 2009 | 7.98 | 12.45 | 4.10 | 6.54 | 10.16 | 3.33 | 11.51 | 19.02 | 5.56 |
| 2010 | 7.86 | 12.09 | 4.17 | 6.49 | 9.99 | 3.38 | 11.41 | 19.07 | 5.52 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 14.6
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.20 | 6.15 | 2.70 | 3.84 | 5.57 | 2.52 | 5.94 | 9.21 | 3.54 |
| 1975 | 2.81 | 3.85 | 2.05 | 2.62 | 3.52 | 1.99 | 4.30 | 6.34 | 2.69 |
| 1976 | 2.75 | 3.82 | 1.96 | 2.55 | 3.48 | 1.88 | 4.46 | 6.81 | 2.67 |
| 1977 | 2.78 | 3.84 | 1.99 | 2.56 | 3.44 | 1.92 | 4.52 | 7.19 | 2.49 |
| 1978 | 2.74 | 3.86 | 1.92 | 2.50 | 3.48 | 1.81 | 4.60 | 6.99 | 2.84 |
| 1979 | 2.82 | 3.88 | 2.04 | 2.62 | 3.54 | 1.95 | 4.36 | 6.64 | 2.70 |
| 1980 | 2.78 | 3.88 | 2.00 | 2.56 | 3.51 | 1.91 | 4.49 | 6.78 | 2.78 |
| 1981 | 2.87 | 4.11 | 1.99 | 2.67 | 3.76 | 1.91 | 4.40 | 6.67 | 2.73 |
| 1982 | 2.94 | 4.20 | 2.05 | 2.69 | 3.79 | 1.93 | 4.69 | 7.16 | 2.93 |
| 1983 | 2.92 | 4.20 | 2.00 | 2.63 | 3.72 | 1.87 | 4.80 | 7.27 | 3.00 |
| 1984 | 3.02 | 4.35 | 2.07 | 2.74 | 3.85 | 1.98 | 4.82 | 7.93 | 2.65 |
| 1985 | 3.11 | 4.40 | 2.19 | 2.85 | 3.94 | 2.08 | 4.57 | 7.18 | 2.74 |
| 1986 | 3.15 | 4.53 | 2.15 | 2.88 | 4.08 | 2.03 | 4.72 | 7.26 | 2.90 |
| 1987 | 3.20 | 4.56 | 2.20 | 2.92 | 4.14 | 2.04 | 4.76 | 6.90 | 3.23 |
| 1988 | 3.30 | 4.82 | 2.21 | 3.02 | 4.38 | 2.08 | 4.76 | 7.24 | 3.03 |
| 1989 | 3.44 | 5.02 | 2.29 | 3.13 | 4.51 | 2.15 | 5.10 | 8.00 | 3.09 |
| 1990 | 3.61 | 5.27 | 2.43 | 3.27 | 4.74 | 2.25 | 5.29 | 7.81 | 3.59 |
| 1991 | 3.69 | 5.32 | 2.51 | 3.35 | 4.80 | 2.32 | 5.29 | 7.97 | 3.48 |
| 1992 | 3.91 | 5.71 | 2.59 | 3.56 | 5.17 | 2.40 | 5.45 | 8.50 | 3.32 |
| 1993 | 4.04 | 5.82 | 2.74 | 3.71 | 5.32 | 2.56 | 5.49 | 8.10 | 3.59 |
| 1994 | 4.13 | 6.02 | 2.73 | 3.77 | 5.42 | 2.55 | 5.72 | 8.90 | 3.53 |
| 1995 | 4.36 | 6.31 | 2.91 | 3.97 | 5.71 | 2.69 | 6.21 | 9.30 | 4.11 |
| 1996 | 4.44 | 6.46 | 2.91 | 4.08 | 5.87 | 2.73 | 5.90 | 9.07 | 3.68 |
| 1997 | 4.50 | 6.53 | 2.97 | 4.11 | 5.91 | 2.75 | 6.02 | 8.89 | 3.92 |
| 1998 | 4.59 | 6.74 | 2.92 | 4.19 | 6.08 | 2.73 | 6.38 | 10.13 | 3.70 |
| 1999 | 4.52 | 6.50 | 2.95 | 4.15 | 5.95 | 2.73 | 5.95 | 8.76 | 3.82 |
| 2000 | 4.64 | 6.80 | 2.94 | 4.22 | 6.15 | 2.71 | 6.08 | 9.54 | 3.58 |
| 2001 | 4.72 | 6.94 | 2.98 | 4.33 | 6.37 | 2.73 | 6.25 | 9.12 | 4.08 |
| 2002 | 4.88 | 7.18 | 3.03 | 4.49 | 6.53 | 2.84 | 6.33 | 9.96 | 3.65 |
| 2003 | 5.02 | 7.39 | 3.12 | 4.58 | 6.73 | 2.85 | 6.65 | 10.30 | 4.03 |
| 2004 | 5.13 | 7.42 | 3.23 | 4.68 | 6.73 | 2.98 | 6.92 | 10.67 | 4.11 |
| 2005 | 5.27 | 7.78 | 3.21 | 4.84 | 7.09 | 2.99 | 6.97 | 11.18 | 3.79 |
| 2006 | 5.30 | 7.72 | 3.29 | 4.88 | 7.04 | 3.09 | 6.96 | 10.92 | 3.91 |
| 2007 | 5.37 | 7.91 | 3.26 | 4.98 | 7.23 | 3.09 | 7.01 | 11.32 | 3.81 |
| 2008 | 5.57 | 8.34 | 3.26 | 5.15 | 7.63 | 3.05 | 7.35 | 11.92 | 3.94 |
| 2009 | 5.78 | 8.58 | 3.43 | 5.34 | 7.86 | 3.21 | 7.76 | 12.17 | 4.33 |
| 2010 | 5.91 | 8.74 | 3.54 | 5.47 | 8.00 | 3.32 | 7.73 | 12.29 | 4.26 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 15.5
Cancer of the Lung and Bronchus (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|--------|---------|--------|--------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 52.26 | 89.56 | 24.53 | 51.96 | 89.16 | 24.85 | 64.55 | 114.90 | 24.66 |
| 1976 | 55.42 | 93.80 | 27.31 | 54.64 | 92.75 | 27.28 | 72.34 | 131.00 | 28.63 |
| 1977 | 56.70 | 95.51 | 28.31 | 55.88 | 94.76 | 28.04 | 73.58 | 124.86 | 33.88 |
| 1978 | 57.85 | 96.67 | 29.65 | 57.26 | 95.87 | 29.88 | 74.53 | 130.51 | 31.69 |
| 1979 | 58.62 | 95.81 | 31.59 | 58.04 | 95.19 | 31.65 | 74.54 | 127.72 | 34.11 |
| 1980 | 60.66 | 99.97 | 32.22 | 59.43 | 97.72 | 32.37 | 86.57 | 151.30 | 38.25 |
| 1981 | 62.03 | 99.41 | 35.12 | 61.54 | 98.44 | 35.52 | 82.31 | 142.96 | 37.45 |
| 1982 | 63.29 | 100.70 | 36.73 | 63.06 | 99.69 | 37.68 | 80.37 | 141.06 | 35.68 |
| 1983 | 63.45 | 99.46 | 37.89 | 63.04 | 97.63 | 39.10 | 86.62 | 151.34 | 39.49 |
| 1984 | 65.50 | 102.06 | 39.47 | 64.36 | 99.93 | 39.64 | 92.93 | 158.84 | 44.82 |
| 1985 | 64.63 | 98.64 | 40.24 | 64.00 | 96.90 | 40.89 | 89.56 | 149.69 | 46.05 |
| 1986 | 65.78 | 99.06 | 42.29 | 65.16 | 97.36 | 42.94 | 92.94 | 156.28 | 48.67 |
| 1987 | 67.90 | 101.52 | 44.16 | 68.08 | 100.65 | 45.50 | 84.81 | 143.72 | 43.28 |
| 1988 | 68.03 | 98.69 | 46.30 | 68.25 | 97.92 | 47.72 | 88.14 | 144.94 | 48.08 |
| 1989 | 67.54 | 97.95 | 46.09 | 67.56 | 97.05 | 47.24 | 89.05 | 142.78 | 51.37 |
| 1990 | 68.08 | 96.92 | 47.79 | 68.24 | 96.14 | 48.96 | 86.79 | 137.18 | 52.14 |
| 1991 | 69.21 | 97.23 | 49.59 | 68.99 | 95.92 | 50.64 | 93.16 | 144.78 | 57.06 |
| 1992 | 69.46 | 97.19 | 49.86 | 68.92 | 94.87 | 51.07 | 93.90 | 148.76 | 55.89 |
| 1993 | 67.77 | 93.97 | 49.18 | 67.84 | 92.53 | 50.67 | 86.33 | 135.38 | 52.45 |
| 1994 | 67.18 | 90.96 | 50.53 | 67.29 | 90.15 | 51.62 | 87.23 | 131.61 | 56.48 |
| 1995 | 66.86 | 89.83 | 50.45 | 67.12 | 87.99 | 52.46 | 85.73 | 138.76 | 50.02 |
| 1996 | 66.47 | 88.01 | 51.23 | 66.84 | 86.75 | 53.00 | 84.39 | 128.47 | 55.37 |
| 1997 | 66.64 | 86.30 | 52.62 | 67.27 | 84.88 | 55.00 | 82.17 | 129.25 | 50.52 |
| 1998 | 67.56 | 88.05 | 52.99 | 68.10 | 86.68 | 55.13 | 87.10 | 130.47 | 57.87 |
| 1999 | 65.87 | 84.62 | 52.53 | 66.37 | 83.36 | 54.49 | 84.46 | 122.01 | 59.00 |
| 2000 | 64.18 | 82.16 | 51.26 | 64.74 | 80.89 | 53.29 | 80.12 | 114.37 | 57.30 |
| 2001 | 64.21 | 81.44 | 51.73 | 65.12 | 81.11 | 53.59 | 80.35 | 114.07 | 57.61 |
| 2002 | 64.11 | 80.49 | 52.55 | 64.87 | 79.88 | 54.36 | 81.33 | 112.90 | 60.58 |
| 2003 | 64.82 | 81.10 | 53.15 | 65.66 | 79.74 | 55.77 | 80.70 | 118.62 | 55.49 |
| 2004 | 62.33 | 76.38 | 52.16 | 62.97 | 75.49 | 53.95 | 76.13 | 105.03 | 57.17 |
| 2005 | 63.14 | 75.97 | 53.92 | 64.21 | 75.79 | 55.95 | 74.66 | 97.88 | 59.52 |
| 2006 | 62.43 | 74.41 | 53.60 | 63.05 | 73.26 | 55.62 | 76.58 | 100.91 | 59.83 |
| 2007 | 62.17 | 73.78 | 53.70 | 63.34 | 73.03 | 56.31 | 74.14 | 100.23 | 56.87 |
| 2008 | 60.55 | 72.38 | 51.97 | 61.43 | 71.12 | 54.50 | 75.24 | 103.52 | 56.48 |
| 2009 | 60.03 | 70.78 | 52.27 | 60.83 | 69.98 | 54.22 | 73.72 | 97.20 | 58.25 |
| 2010 | 57.93 | 68.12 | 50.35 | 59.24 | 68.11 | 52.59 | 67.22 | 86.16 | 54.75 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 15.6
Cancer of the Lung and Bronchus (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|--------|---------|--------|--------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 63.61 | 87.70 | 46.05 | 63.79 | 86.89 | 47.13 | 80.73 | 123.68 | 50.76 |
| 1975 | 52.26 | 89.56 | 24.53 | 51.96 | 89.16 | 24.85 | 64.55 | 114.90 | 24.66 |
| 1976 | 55.42 | 93.80 | 27.31 | 54.64 | 92.75 | 27.28 | 72.34 | 131.00 | 28.63 |
| 1977 | 56.70 | 95.51 | 28.31 | 55.88 | 94.76 | 28.04 | 73.58 | 124.86 | 33.88 |
| 1978 | 57.85 | 96.67 | 29.65 | 57.26 | 95.87 | 29.88 | 74.53 | 130.51 | 31.69 |
| 1979 | 58.62 | 95.81 | 31.59 | 58.04 | 95.19 | 31.65 | 74.54 | 127.72 | 34.11 |
| 1980 | 60.66 | 99.97 | 32.22 | 59.43 | 97.72 | 32.37 | 86.57 | 151.30 | 38.25 |
| 1981 | 62.03 | 99.41 | 35.12 | 61.54 | 98.44 | 35.52 | 82.31 | 142.96 | 37.45 |
| 1982 | 63.29 | 100.70 | 36.73 | 63.06 | 99.69 | 37.68 | 80.37 | 141.06 | 35.68 |
| 1983 | 63.45 | 99.46 | 37.89 | 63.04 | 97.63 | 39.10 | 86.62 | 151.34 | 39.49 |
| 1984 | 65.50 | 102.06 | 39.47 | 64.36 | 99.93 | 39.64 | 92.92 | 158.84 | 44.82 |
| 1985 | 64.62 | 98.64 | 40.23 | 64.00 | 96.90 | 40.88 | 89.56 | 149.68 | 46.04 |
| 1986 | 65.78 | 99.05 | 42.29 | 65.15 | 97.36 | 42.94 | 92.94 | 156.27 | 48.67 |
| 1987 | 67.90 | 101.52 | 44.15 | 68.08 | 100.65 | 45.50 | 84.81 | 143.71 | 43.28 |
| 1988 | 68.03 | 98.68 | 46.30 | 68.25 | 97.91 | 47.71 | 88.13 | 144.93 | 48.07 |
| 1989 | 67.54 | 97.95 | 46.09 | 67.56 | 97.05 | 47.23 | 89.04 | 142.77 | 51.37 |
| 1990 | 68.08 | 96.92 | 47.78 | 68.23 | 96.13 | 48.96 | 86.78 | 137.17 | 52.13 |
| 1991 | 69.20 | 97.22 | 49.58 | 68.98 | 95.90 | 50.63 | 93.14 | 144.76 | 57.05 |
| 1992 | 69.45 | 97.18 | 49.85 | 68.91 | 94.85 | 51.06 | 93.88 | 148.73 | 55.88 |
| 1993 | 67.76 | 93.96 | 49.17 | 67.82 | 92.52 | 50.66 | 86.30 | 135.35 | 52.43 |
| 1994 | 67.17 | 90.94 | 50.52 | 67.27 | 90.13 | 51.60 | 87.20 | 131.58 | 56.46 |
| 1995 | 66.84 | 89.82 | 50.44 | 67.10 | 87.96 | 52.44 | 85.70 | 138.72 | 50.00 |
| 1996 | 66.45 | 87.99 | 51.21 | 66.81 | 86.71 | 52.98 | 84.35 | 128.41 | 55.34 |
| 1997 | 66.61 | 86.28 | 52.60 | 67.23 | 84.84 | 54.97 | 82.12 | 129.18 | 50.49 |
| 1998 | 67.53 | 88.02 | 52.96 | 68.06 | 86.64 | 55.09 | 87.04 | 130.39 | 57.82 |
| 1999 | 65.83 | 84.57 | 52.49 | 66.31 | 83.30 | 54.43 | 84.38 | 121.91 | 58.92 |
| 2000 | 64.13 | 82.10 | 51.21 | 64.67 | 80.81 | 53.22 | 80.02 | 114.25 | 57.21 |
| 2001 | 64.14 | 81.37 | 51.67 | 65.03 | 81.01 | 53.51 | 80.22 | 113.91 | 57.50 |
| 2002 | 64.03 | 80.40 | 52.47 | 64.76 | 79.76 | 54.25 | 81.17 | 112.70 | 60.43 |
| 2003 | 64.71 | 80.98 | 53.05 | 65.51 | 79.58 | 55.63 | 80.49 | 118.35 | 55.33 |
| 2004 | 62.20 | 76.24 | 52.02 | 62.79 | 75.30 | 53.77 | 75.88 | 104.73 | 56.96 |
| 2005 | 62.96 | 75.78 | 53.75 | 63.98 | 75.55 | 55.72 | 74.36 | 97.53 | 59.25 |
| 2006 | 62.20 | 74.17 | 53.38 | 62.76 | 72.96 | 55.33 | 76.18 | 100.44 | 59.48 |
| 2007 | 61.87 | 73.47 | 53.40 | 62.97 | 72.64 | 55.94 | 73.65 | 99.63 | 56.45 |
| 2008 | 60.17 | 71.97 | 51.61 | 60.96 | 70.63 | 54.03 | 74.61 | 102.72 | 55.94 |
| 2009 | 59.53 | 70.25 | 51.78 | 60.22 | 69.35 | 53.63 | 72.92 | 96.23 | 57.54 |
| 2010 | 56.68 | 66.77 | 49.16 | 57.78 | 66.56 | 51.19 | 65.42 | 84.03 | 53.17 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 15.7
 Small Cell Cancer of the Lung and Bronchus (Invasive)
 Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 9.03 | 11.51 | 7.19 | 9.52 | 11.93 | 7.73 | 8.62 | 12.03 | 6.24 |
| 1975 | 6.65 | 10.34 | 3.79 | 6.89 | 10.70 | 3.97 | 5.87 | 8.94 | 3.48 |
| 1976 | 7.06 | 11.36 | 3.84 | 7.12 | 11.51 | 3.89 | 8.23 | 12.82 | 4.76 |
| 1977 | 7.70 | 12.38 | 4.22 | 7.84 | 12.79 | 4.21 | 8.13 | 11.19 | 5.78 |
| 1978 | 8.64 | 13.39 | 5.03 | 8.87 | 13.69 | 5.28 | 7.81 | 13.89 | 3.13 |
| 1979 | 8.68 | 13.09 | 5.36 | 9.03 | 13.63 | 5.61 | 7.63 | 11.83 | 4.47 |
| 1980 | 9.10 | 14.20 | 5.23 | 9.33 | 14.40 | 5.54 | 9.99 | 17.53 | 4.38 |
| 1981 | 9.71 | 14.55 | 6.12 | 10.00 | 14.82 | 6.48 | 9.21 | 15.87 | 4.21 |
| 1982 | 10.37 | 14.92 | 7.12 | 10.73 | 15.28 | 7.55 | 9.63 | 15.94 | 4.92 |
| 1983 | 10.36 | 14.87 | 7.08 | 10.75 | 15.05 | 7.64 | 9.12 | 15.08 | 4.85 |
| 1984 | 10.69 | 15.18 | 7.41 | 11.05 | 15.64 | 7.77 | 10.41 | 14.99 | 6.86 |
| 1985 | 10.44 | 14.96 | 7.08 | 10.78 | 15.25 | 7.49 | 11.07 | 17.77 | 6.27 |
| 1986 | 11.20 | 15.51 | 7.98 | 11.53 | 15.98 | 8.27 | 12.26 | 17.70 | 8.35 |
| 1987 | 10.65 | 14.13 | 8.20 | 11.17 | 14.56 | 8.84 | 9.56 | 14.49 | 6.09 |
| 1988 | 11.38 | 15.28 | 8.51 | 11.90 | 15.62 | 9.21 | 10.49 | 17.86 | 5.30 |
| 1989 | 11.23 | 14.84 | 8.67 | 11.68 | 15.22 | 9.20 | 12.07 | 17.67 | 8.35 |
| 1990 | 10.65 | 13.82 | 8.39 | 11.26 | 14.45 | 9.06 | 9.35 | 13.70 | 6.21 |
| 1991 | 11.29 | 13.99 | 9.36 | 11.68 | 14.32 | 9.84 | 12.34 | 15.92 | 10.00 |
| 1992 | 10.49 | 13.39 | 8.44 | 10.96 | 13.84 | 8.96 | 10.16 | 13.32 | 7.95 |
| 1993 | 10.02 | 12.33 | 8.34 | 10.48 | 12.64 | 8.94 | 9.38 | 13.25 | 6.74 |
| 1994 | 9.77 | 11.69 | 8.42 | 10.24 | 11.98 | 9.05 | 9.95 | 13.62 | 7.43 |
| 1995 | 9.85 | 12.25 | 8.13 | 10.36 | 12.60 | 8.76 | 9.50 | 13.89 | 6.61 |
| 1996 | 9.71 | 12.08 | 7.96 | 10.27 | 12.47 | 8.63 | 8.80 | 12.02 | 6.84 |
| 1997 | 9.52 | 10.85 | 8.63 | 10.10 | 11.11 | 9.48 | 7.86 | 10.82 | 6.05 |
| 1998 | 9.29 | 10.85 | 8.14 | 9.86 | 11.29 | 8.83 | 9.37 | 12.10 | 7.45 |
| 1999 | 8.80 | 10.02 | 7.97 | 9.33 | 10.23 | 8.78 | 8.19 | 11.05 | 6.05 |
| 2000 | 8.80 | 10.44 | 7.59 | 9.28 | 10.85 | 8.13 | 9.45 | 11.54 | 7.94 |
| 2001 | 8.37 | 9.85 | 7.34 | 8.91 | 10.34 | 7.93 | 8.52 | 10.80 | 6.89 |
| 2002 | 8.29 | 9.39 | 7.54 | 8.98 | 9.86 | 8.39 | 7.21 | 9.80 | 5.71 |
| 2003 | 8.23 | 9.12 | 7.61 | 8.73 | 9.37 | 8.34 | 7.93 | 9.50 | 6.83 |
| 2004 | 8.11 | 9.00 | 7.48 | 8.51 | 9.24 | 8.00 | 8.60 | 9.98 | 7.75 |
| 2005 | 7.59 | 8.70 | 6.81 | 8.21 | 9.24 | 7.49 | 6.63 | 7.78 | 5.88 |
| 2006 | 7.67 | 8.50 | 7.08 | 8.23 | 8.81 | 7.85 | 6.83 | 8.19 | 5.89 |
| 2007 | 7.66 | 8.59 | 7.01 | 8.33 | 8.96 | 7.92 | 7.10 | 9.40 | 5.44 |
| 2008 | 7.09 | 7.94 | 6.46 | 7.57 | 8.10 | 7.20 | 6.36 | 8.79 | 4.87 |
| 2009 | 7.11 | 7.76 | 6.66 | 7.58 | 8.09 | 7.25 | 7.51 | 8.36 | 6.94 |
| 2010 | 6.74 | 7.42 | 6.27 | 7.39 | 7.91 | 7.05 | 5.82 | 6.87 | 5.03 |

Note: Small Cell Cancer of the Lung and Bronchus includes histologies 8041-8045.
^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
 Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
 - Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 15.8
 Non-Small Cell Cancer of the Lung and Bronchus (Invasive)
 Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 54.58 | 76.20 | 38.86 | 54.27 | 74.96 | 39.40 | 72.10 | 111.65 | 44.53 |
| 1975 | 45.61 | 79.21 | 20.74 | 45.07 | 78.46 | 20.89 | 58.67 | 105.96 | 21.18 |
| 1976 | 48.36 | 82.44 | 23.47 | 47.52 | 81.24 | 23.39 | 64.11 | 118.18 | 23.87 |
| 1977 | 48.99 | 83.13 | 24.09 | 48.03 | 81.97 | 23.83 | 65.45 | 113.67 | 28.10 |
| 1978 | 49.21 | 83.28 | 24.62 | 48.39 | 82.17 | 24.60 | 66.71 | 116.63 | 28.56 |
| 1979 | 49.94 | 82.72 | 26.23 | 49.01 | 81.56 | 26.05 | 66.91 | 115.89 | 29.64 |
| 1980 | 51.56 | 85.76 | 26.99 | 50.10 | 83.31 | 26.83 | 76.58 | 133.78 | 33.87 |
| 1981 | 52.32 | 84.86 | 29.00 | 51.54 | 83.62 | 29.05 | 73.10 | 127.09 | 33.24 |
| 1982 | 52.93 | 85.78 | 29.61 | 52.32 | 84.41 | 30.13 | 70.74 | 125.12 | 30.76 |
| 1983 | 53.09 | 84.59 | 30.81 | 52.29 | 82.58 | 31.46 | 77.50 | 136.26 | 34.63 |
| 1984 | 54.81 | 86.87 | 32.06 | 53.31 | 84.29 | 31.87 | 82.51 | 143.85 | 37.96 |
| 1985 | 54.18 | 83.68 | 33.16 | 53.22 | 81.65 | 33.39 | 78.49 | 131.91 | 39.78 |
| 1986 | 54.58 | 83.54 | 34.31 | 53.62 | 81.37 | 34.67 | 80.68 | 138.57 | 40.31 |
| 1987 | 57.25 | 87.39 | 35.96 | 56.91 | 86.08 | 36.65 | 75.25 | 129.22 | 37.19 |
| 1988 | 56.65 | 83.40 | 37.78 | 56.35 | 82.30 | 38.50 | 77.64 | 127.07 | 42.77 |
| 1989 | 56.31 | 83.11 | 37.42 | 55.88 | 81.82 | 38.04 | 76.97 | 125.10 | 43.02 |
| 1990 | 57.42 | 83.09 | 39.39 | 56.97 | 81.68 | 39.89 | 77.43 | 123.46 | 45.92 |
| 1991 | 57.92 | 83.24 | 40.22 | 57.29 | 81.58 | 40.78 | 80.80 | 128.84 | 47.05 |
| 1992 | 58.95 | 83.78 | 41.41 | 57.95 | 81.02 | 42.10 | 83.72 | 135.41 | 47.93 |
| 1993 | 57.74 | 81.63 | 40.83 | 57.34 | 79.88 | 41.72 | 76.92 | 122.10 | 45.69 |
| 1994 | 57.39 | 79.25 | 42.11 | 57.02 | 78.15 | 42.54 | 77.25 | 117.96 | 49.02 |
| 1995 | 56.99 | 77.57 | 42.30 | 56.74 | 75.36 | 43.69 | 76.20 | 124.83 | 43.39 |
| 1996 | 56.74 | 75.92 | 43.25 | 56.54 | 74.24 | 44.34 | 75.55 | 116.40 | 48.50 |
| 1997 | 57.09 | 75.43 | 43.97 | 57.13 | 73.74 | 45.49 | 74.26 | 118.35 | 44.44 |
| 1998 | 58.25 | 77.17 | 44.82 | 58.20 | 75.35 | 46.25 | 77.68 | 118.29 | 50.37 |
| 1999 | 57.03 | 74.55 | 44.52 | 56.98 | 73.07 | 45.65 | 76.19 | 110.85 | 52.88 |
| 2000 | 55.33 | 71.67 | 43.62 | 55.39 | 69.96 | 45.09 | 70.58 | 102.71 | 49.27 |
| 2001 | 55.77 | 71.52 | 44.33 | 56.12 | 70.67 | 45.58 | 71.70 | 103.11 | 50.61 |
| 2002 | 55.74 | 71.00 | 44.94 | 55.78 | 69.90 | 45.86 | 73.96 | 102.91 | 54.72 |
| 2003 | 56.48 | 71.86 | 45.44 | 56.78 | 70.21 | 47.29 | 72.56 | 108.85 | 48.50 |
| 2004 | 54.09 | 67.25 | 44.55 | 54.28 | 66.06 | 45.78 | 67.29 | 94.75 | 49.21 |
| 2005 | 55.37 | 67.08 | 46.94 | 55.77 | 66.31 | 48.23 | 67.73 | 89.75 | 53.37 |
| 2006 | 54.53 | 65.67 | 46.29 | 54.52 | 64.15 | 47.48 | 69.35 | 92.24 | 53.59 |
| 2007 | 54.21 | 64.88 | 46.40 | 54.64 | 63.69 | 48.01 | 66.55 | 90.23 | 51.01 |
| 2008 | 53.08 | 64.03 | 45.14 | 53.38 | 62.54 | 46.84 | 68.25 | 93.93 | 51.07 |
| 2009 | 52.42 | 62.49 | 45.12 | 52.65 | 61.26 | 46.38 | 65.41 | 87.87 | 50.60 |
| 2010 | 49.93 | 59.35 | 42.89 | 50.39 | 58.65 | 44.14 | 59.60 | 77.16 | 48.13 |

Note: Non-Small Cell Cancer of the Lung and Bronchus includes histologies 8000-8040, 8046-9049, 9056-9139, 9141-9589.
^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
 Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
 - Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 15.9
Cancer of the Lung and Bronchus (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|--------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 53.52 | 78.92 | 35.20 | 53.40 | 77.84 | 35.77 | 61.85 | 102.08 | 34.52 |
| 1975 | 42.56 | 76.39 | 17.56 | 42.08 | 75.47 | 17.67 | 49.33 | 91.01 | 17.34 |
| 1976 | 44.20 | 78.52 | 18.97 | 43.72 | 77.55 | 19.10 | 51.07 | 93.96 | 18.51 |
| 1977 | 45.49 | 80.45 | 20.01 | 44.82 | 79.09 | 20.09 | 54.56 | 100.80 | 19.91 |
| 1978 | 46.88 | 82.06 | 21.40 | 46.29 | 80.76 | 21.58 | 55.26 | 101.65 | 20.66 |
| 1979 | 47.69 | 82.94 | 22.32 | 47.08 | 81.64 | 22.42 | 56.43 | 102.89 | 22.24 |
| 1980 | 49.41 | 84.71 | 24.13 | 48.75 | 83.27 | 24.22 | 59.16 | 106.67 | 24.57 |
| 1981 | 49.99 | 85.16 | 24.95 | 49.28 | 83.52 | 25.10 | 60.57 | 109.71 | 25.10 |
| 1982 | 51.43 | 86.79 | 26.47 | 50.78 | 85.18 | 26.72 | 62.27 | 112.55 | 26.30 |
| 1983 | 52.40 | 87.04 | 28.10 | 51.70 | 85.40 | 28.28 | 63.68 | 112.76 | 28.73 |
| 1984 | 53.36 | 88.22 | 28.94 | 52.64 | 86.24 | 29.27 | 65.07 | 117.98 | 27.98 |
| 1985 | 54.32 | 88.54 | 30.41 | 53.68 | 86.69 | 30.81 | 65.76 | 117.50 | 29.64 |
| 1986 | 55.04 | 88.95 | 31.41 | 54.36 | 87.03 | 31.76 | 66.95 | 119.18 | 31.00 |
| 1987 | 56.24 | 90.05 | 32.72 | 55.56 | 88.09 | 33.04 | 68.65 | 121.77 | 32.48 |
| 1988 | 56.97 | 89.87 | 34.14 | 56.35 | 87.86 | 34.57 | 69.18 | 122.15 | 33.54 |
| 1989 | 57.90 | 89.77 | 35.77 | 57.21 | 87.57 | 36.27 | 71.04 | 124.72 | 34.87 |
| 1990 | 58.85 | 90.56 | 36.85 | 58.18 | 88.40 | 37.31 | 72.06 | 125.17 | 36.48 |
| 1991 | 58.99 | 89.88 | 37.61 | 58.38 | 87.76 | 38.12 | 71.64 | 123.58 | 37.16 |
| 1992 | 58.90 | 88.01 | 38.70 | 58.34 | 85.98 | 39.21 | 71.35 | 121.06 | 38.55 |
| 1993 | 59.13 | 87.60 | 39.28 | 58.66 | 85.52 | 39.97 | 71.12 | 121.98 | 37.72 |
| 1994 | 58.54 | 85.69 | 39.62 | 58.15 | 83.78 | 40.30 | 70.15 | 118.63 | 38.61 |
| 1995 | 58.38 | 84.37 | 40.26 | 58.08 | 82.62 | 40.97 | 69.28 | 116.08 | 38.84 |
| 1996 | 57.91 | 82.82 | 40.41 | 57.69 | 81.15 | 41.22 | 68.30 | 113.18 | 39.08 |
| 1997 | 57.51 | 81.33 | 40.82 | 57.31 | 79.83 | 41.52 | 67.89 | 110.21 | 40.53 |
| 1998 | 57.08 | 79.89 | 40.98 | 56.93 | 78.47 | 41.69 | 66.86 | 107.40 | 40.67 |
| 1999 | 55.42 | 76.97 | 40.15 | 55.31 | 75.67 | 40.86 | 65.00 | 103.61 | 40.00 |
| 2000 | 55.85 | 76.48 | 41.12 | 55.99 | 75.41 | 42.08 | 63.77 | 100.87 | 39.64 |
| 2001 | 55.32 | 75.32 | 41.01 | 55.55 | 74.34 | 42.05 | 62.54 | 99.32 | 38.80 |
| 2002 | 55.00 | 73.67 | 41.60 | 55.31 | 72.89 | 42.64 | 62.05 | 95.59 | 40.21 |
| 2003 | 54.19 | 72.03 | 41.29 | 54.52 | 71.32 | 42.30 | 60.92 | 92.96 | 40.25 |
| 2004 | 53.37 | 70.43 | 40.96 | 53.71 | 69.74 | 41.99 | 59.79 | 90.41 | 39.95 |
| 2005 | 52.85 | 69.49 | 40.71 | 53.32 | 69.09 | 41.70 | 58.52 | 86.96 | 40.12 |
| 2006 | 51.73 | 67.39 | 40.26 | 52.27 | 67.05 | 41.36 | 56.73 | 83.89 | 39.06 |
| 2007 | 50.71 | 65.17 | 40.10 | 51.28 | 64.76 | 41.30 | 55.38 | 82.19 | 38.13 |
| 2008 | 49.59 | 63.73 | 39.13 | 50.28 | 63.51 | 40.40 | 53.13 | 78.20 | 36.88 |
| 2009 | 48.41 | 61.54 | 38.63 | 49.18 | 61.41 | 39.97 | 51.56 | 75.49 | 35.90 |
| 2010 | 47.42 | 60.06 | 37.95 | 48.11 | 59.92 | 39.18 | 51.16 | 73.55 | 36.28 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 16.4
Melanoma of the Skin (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | |
|--------------------|-----------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females |
| 1975 | 7.89 | 8.54 | 7.44 | 8.70 | 9.42 | 8.21 |
| 1976 | 8.16 | 8.68 | 7.69 | 9.01 | 9.55 | 8.53 |
| 1977 | 8.86 | 9.78 | 8.15 | 9.87 | 10.85 | 9.14 |
| 1978 | 8.95 | 9.49 | 8.72 | 10.12 | 10.72 | 9.90 |
| 1979 | 9.55 | 10.56 | 8.91 | 10.79 | 11.93 | 10.10 |
| 1980 | 10.52 | 11.80 | 9.63 | 12.03 | 13.41 | 11.12 |
| 1981 | 11.09 | 12.09 | 10.44 | 12.58 | 13.55 | 12.00 |
| 1982 | 11.18 | 12.50 | 10.28 | 12.81 | 14.19 | 11.88 |
| 1983 | 11.10 | 12.67 | 10.03 | 12.65 | 14.42 | 11.48 |
| 1984 | 11.41 | 12.92 | 10.43 | 13.12 | 14.84 | 12.04 |
| 1985 | 12.79 | 15.18 | 11.16 | 14.54 | 17.27 | 12.72 |
| 1986 | 13.32 | 15.70 | 11.62 | 15.24 | 17.90 | 13.37 |
| 1987 | 13.68 | 15.94 | 12.17 | 15.64 | 18.16 | 14.00 |
| 1988 | 12.88 | 14.97 | 11.46 | 14.95 | 17.40 | 13.33 |
| 1989 | 13.75 | 16.41 | 11.92 | 15.97 | 18.99 | 13.92 |
| 1990 | 13.87 | 16.70 | 11.85 | 16.22 | 19.39 | 13.98 |
| 1991 | 14.65 | 17.64 | 12.56 | 17.17 | 20.56 | 14.82 |
| 1992 | 14.80 | 18.35 | 12.23 | 17.29 | 21.33 | 14.42 |
| 1993 | 14.66 | 18.21 | 12.10 | 17.12 | 21.11 | 14.27 |
| 1994 | 15.67 | 19.87 | 12.62 | 18.45 | 23.33 | 14.93 |
| 1995 | 16.47 | 20.27 | 13.83 | 19.40 | 23.60 | 16.54 |
| 1996 | 17.37 | 21.76 | 14.20 | 20.58 | 25.49 | 17.06 |
| 1997 | 17.77 | 21.74 | 14.89 | 21.06 | 25.36 | 18.01 |
| 1998 | 17.96 | 22.19 | 15.02 | 21.54 | 26.35 | 18.24 |
| 1999 | 18.34 | 22.96 | 15.11 | 22.05 | 27.21 | 18.46 |
| 2000 | 18.99 | 23.94 | 15.54 | 22.99 | 28.51 | 19.20 |
| 2001 | 19.73 | 24.61 | 16.32 | 24.05 | 29.49 | 20.28 |
| 2002 | 19.38 | 24.07 | 16.16 | 23.55 | 28.72 | 20.07 |
| 2003 | 19.62 | 24.30 | 16.31 | 23.99 | 29.15 | 20.40 |
| 2004 | 20.75 | 25.63 | 17.37 | 25.47 | 31.10 | 21.59 |
| 2005 | 22.56 | 28.30 | 18.51 | 27.95 | 34.44 | 23.39 |
| 2006 | 22.23 | 27.87 | 18.20 | 27.47 | 33.70 | 23.05 |
| 2007 | 21.90 | 27.73 | 17.87 | 27.12 | 33.65 | 22.63 |
| 2008 | 23.31 | 29.50 | 18.95 | 28.97 | 35.94 | 24.06 |
| 2009 | 23.15 | 29.52 | 18.60 | 28.57 | 35.72 | 23.46 |
| 2010 | 24.11 | 30.29 | 19.74 | 29.76 | 36.53 | 25.00 |

Note: Delay-adjusted melanoma of the skin rates cannot be calculated for the SEER 9 Black population due to low case counts. Additional information on the model used to delay-adjust SEER incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 16.5
Melanoma of the Skin (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 16.38 | 20.21 | 13.78 | 19.26 | 23.55 | 16.41 | 1.02 | 1.21 | 0.90 |
| 1975 | 7.89 | 8.54 | 7.44 | 8.70 | 9.42 | 8.21 | - | - | - |
| 1976 | 8.16 | 8.68 | 7.69 | 9.01 | 9.55 | 8.53 | 1.69 | - | - |
| 1977 | 8.86 | 9.78 | 8.15 | 9.87 | 10.85 | 9.14 | - | - | - |
| 1978 | 8.95 | 9.49 | 8.72 | 10.12 | 10.72 | 9.90 | - | - | - |
| 1979 | 9.55 | 10.56 | 8.91 | 10.79 | 11.93 | 10.10 | - | - | - |
| 1980 | 10.52 | 11.80 | 9.63 | 12.03 | 13.41 | 11.12 | - | - | - |
| 1981 | 11.09 | 12.09 | 10.44 | 12.58 | 13.55 | 12.00 | 1.35 | - | - |
| 1982 | 11.18 | 12.50 | 10.27 | 12.80 | 14.19 | 11.88 | - | - | - |
| 1983 | 11.09 | 12.67 | 10.03 | 12.64 | 14.40 | 11.47 | - | - | - |
| 1984 | 11.40 | 12.92 | 10.42 | 13.10 | 14.82 | 12.02 | - | - | - |
| 1985 | 12.78 | 15.18 | 11.16 | 14.51 | 17.24 | 12.70 | - | - | - |
| 1986 | 13.31 | 15.69 | 11.61 | 15.21 | 17.87 | 13.34 | - | - | - |
| 1987 | 13.67 | 15.93 | 12.16 | 15.61 | 18.12 | 13.97 | 1.30 | - | - |
| 1988 | 12.87 | 14.96 | 11.45 | 14.93 | 17.37 | 13.30 | 1.07 | - | - |
| 1989 | 13.74 | 16.39 | 11.91 | 15.92 | 18.93 | 13.88 | 1.13 | - | - |
| 1990 | 13.85 | 16.68 | 11.84 | 16.16 | 19.33 | 13.93 | 1.16 | - | - |
| 1991 | 14.63 | 17.63 | 12.54 | 17.11 | 20.49 | 14.77 | 1.17 | - | - |
| 1992 | 14.78 | 18.33 | 12.22 | 17.23 | 21.25 | 14.37 | - | - | - |
| 1993 | 14.64 | 18.19 | 12.08 | 17.05 | 21.03 | 14.21 | - | - | - |
| 1994 | 15.65 | 19.84 | 12.60 | 18.38 | 23.23 | 14.87 | 1.03 | - | - |
| 1995 | 16.44 | 20.24 | 13.81 | 19.32 | 23.50 | 16.47 | 1.73 | 3.08 | - |
| 1996 | 17.34 | 21.73 | 14.17 | 20.49 | 25.38 | 16.98 | 1.06 | - | - |
| 1997 | 17.73 | 21.70 | 14.87 | 20.96 | 25.24 | 17.92 | 1.10 | - | - |
| 1998 | 17.93 | 22.14 | 14.99 | 21.44 | 26.22 | 18.15 | 1.19 | - | - |
| 1999 | 18.30 | 22.91 | 15.07 | 21.92 | 27.05 | 18.35 | 1.14 | - | - |
| 2000 | 18.94 | 23.87 | 15.50 | 22.84 | 28.32 | 19.08 | 0.83 | - | - |
| 2001 | 19.67 | 24.53 | 16.27 | 23.88 | 29.29 | 20.14 | 0.81 | - | - |
| 2002 | 19.31 | 23.99 | 16.11 | 23.37 | 28.50 | 19.92 | 1.11 | - | - |
| 2003 | 19.54 | 24.21 | 16.25 | 23.78 | 28.90 | 20.23 | 0.84 | - | - |
| 2004 | 20.65 | 25.52 | 17.29 | 25.23 | 30.80 | 21.39 | 0.82 | - | - |
| 2005 | 22.44 | 28.15 | 18.41 | 27.65 | 34.07 | 23.14 | 1.07 | - | 1.03 |
| 2006 | 22.09 | 27.69 | 18.08 | 27.14 | 33.30 | 22.77 | 0.98 | - | - |
| 2007 | 21.73 | 27.52 | 17.73 | 26.75 | 33.18 | 22.32 | 1.16 | - | - |
| 2008 | 23.09 | 29.23 | 18.77 | 28.50 | 35.36 | 23.67 | 1.25 | 1.42 | - |
| 2009 | 22.88 | 29.18 | 18.39 | 28.03 | 35.04 | 23.01 | 1.07 | 1.11 | 0.98 |
| 2010 | 23.57 | 29.62 | 19.30 | 28.85 | 35.41 | 24.23 | 1.02 | - | 0.92 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 16.6
Melanoma of the Skin (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 2.63 | 3.75 | 1.79 | 2.95 | 4.19 | 2.01 | 0.48 | 0.54 | 0.44 |
| 1975 | 2.07 | 2.64 | 1.60 | 2.25 | 2.88 | 1.74 | 0.50 | 0.56 | 0.44 |
| 1976 | 2.24 | 2.86 | 1.76 | 2.45 | 3.10 | 1.94 | 0.55 | 0.74 | 0.39 |
| 1977 | 2.27 | 2.91 | 1.76 | 2.48 | 3.17 | 1.93 | 0.53 | 0.69 | 0.41 |
| 1978 | 2.31 | 3.04 | 1.74 | 2.53 | 3.32 | 1.90 | 0.52 | 0.61 | 0.46 |
| 1979 | 2.42 | 3.16 | 1.84 | 2.66 | 3.46 | 2.02 | 0.53 | 0.64 | 0.47 |
| 1980 | 2.34 | 3.10 | 1.74 | 2.57 | 3.41 | 1.90 | 0.54 | 0.55 | 0.56 |
| 1981 | 2.43 | 3.13 | 1.88 | 2.68 | 3.45 | 2.07 | 0.58 | 0.56 | 0.57 |
| 1982 | 2.46 | 3.31 | 1.81 | 2.71 | 3.64 | 1.99 | 0.52 | 0.56 | 0.49 |
| 1983 | 2.48 | 3.29 | 1.85 | 2.74 | 3.63 | 2.04 | 0.50 | 0.63 | 0.40 |
| 1984 | 2.53 | 3.42 | 1.85 | 2.80 | 3.79 | 2.03 | 0.51 | 0.45 | 0.54 |
| 1985 | 2.56 | 3.46 | 1.86 | 2.83 | 3.82 | 2.06 | 0.53 | 0.58 | 0.49 |
| 1986 | 2.59 | 3.55 | 1.88 | 2.88 | 3.92 | 2.09 | 0.47 | 0.70 | 0.31 |
| 1987 | 2.65 | 3.73 | 1.83 | 2.93 | 4.13 | 2.02 | 0.55 | 0.57 | 0.54 |
| 1988 | 2.65 | 3.67 | 1.90 | 2.95 | 4.07 | 2.13 | 0.45 | 0.53 | 0.40 |
| 1989 | 2.69 | 3.74 | 1.89 | 2.99 | 4.15 | 2.10 | 0.55 | 0.57 | 0.53 |
| 1990 | 2.75 | 3.80 | 1.97 | 3.06 | 4.21 | 2.20 | 0.52 | 0.65 | 0.45 |
| 1991 | 2.71 | 3.89 | 1.82 | 3.01 | 4.31 | 2.02 | 0.59 | 0.65 | 0.54 |
| 1992 | 2.71 | 3.85 | 1.85 | 3.01 | 4.27 | 2.06 | 0.51 | 0.57 | 0.44 |
| 1993 | 2.71 | 3.86 | 1.86 | 3.03 | 4.31 | 2.06 | 0.53 | 0.42 | 0.59 |
| 1994 | 2.66 | 3.82 | 1.81 | 2.98 | 4.26 | 2.03 | 0.45 | 0.44 | 0.43 |
| 1995 | 2.70 | 3.89 | 1.81 | 3.03 | 4.35 | 2.02 | 0.46 | 0.51 | 0.42 |
| 1996 | 2.80 | 4.04 | 1.90 | 3.14 | 4.50 | 2.14 | 0.44 | 0.51 | 0.38 |
| 1997 | 2.73 | 3.94 | 1.84 | 3.06 | 4.41 | 2.05 | 0.56 | 0.49 | 0.58 |
| 1998 | 2.75 | 4.09 | 1.77 | 3.10 | 4.59 | 1.98 | 0.51 | 0.45 | 0.54 |
| 1999 | 2.63 | 3.81 | 1.74 | 2.97 | 4.27 | 1.98 | 0.40 | 0.52 | 0.33 |
| 2000 | 2.66 | 3.82 | 1.81 | 3.00 | 4.28 | 2.04 | 0.54 | 0.59 | 0.50 |
| 2001 | 2.66 | 3.89 | 1.75 | 3.02 | 4.38 | 1.99 | 0.42 | 0.35 | 0.45 |
| 2002 | 2.61 | 3.79 | 1.73 | 2.96 | 4.25 | 1.97 | 0.39 | 0.50 | 0.32 |
| 2003 | 2.67 | 3.90 | 1.75 | 3.03 | 4.40 | 1.98 | 0.45 | 0.43 | 0.45 |
| 2004 | 2.67 | 3.97 | 1.71 | 3.05 | 4.48 | 1.95 | 0.45 | 0.56 | 0.39 |
| 2005 | 2.76 | 4.03 | 1.81 | 3.13 | 4.54 | 2.07 | 0.45 | 0.49 | 0.41 |
| 2006 | 2.74 | 4.10 | 1.73 | 3.12 | 4.63 | 1.98 | 0.45 | 0.62 | 0.36 |
| 2007 | 2.68 | 4.01 | 1.69 | 3.06 | 4.54 | 1.93 | 0.47 | 0.53 | 0.45 |
| 2008 | 2.69 | 4.05 | 1.65 | 3.08 | 4.61 | 1.90 | 0.39 | 0.44 | 0.35 |
| 2009 | 2.81 | 4.20 | 1.78 | 3.24 | 4.77 | 2.06 | 0.43 | 0.54 | 0.35 |
| 2010 | 2.74 | 4.10 | 1.71 | 3.15 | 4.67 | 1.96 | 0.42 | 0.49 | 0.38 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 17.2
MesotheliomaAge-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 1.00 | 1.87 | 0.39 | 1.09 | 2.04 | 0.42 | 0.55 | 0.98 | 0.27 |
| 1975 | 0.63 | 1.00 | 0.31 | 0.63 | 1.00 | 0.33 | - | - | - |
| 1976 | 0.67 | 1.13 | 0.35 | 0.71 | 1.21 | 0.36 | - | - | - |
| 1977 | 0.62 | 1.05 | 0.31 | 0.65 | 1.06 | 0.34 | - | - | - |
| 1978 | 0.73 | 1.37 | 0.25 | 0.79 | 1.50 | 0.25 | - | - | - |
| 1979 | 0.78 | 1.51 | 0.27 | 0.80 | 1.60 | 0.25 | - | - | - |
| 1980 | 0.98 | 1.83 | 0.35 | 1.05 | 1.97 | 0.39 | - | - | - |
| 1981 | 0.75 | 1.42 | 0.27 | 0.80 | 1.50 | 0.29 | - | - | - |
| 1982 | 0.83 | 1.42 | 0.38 | 0.90 | 1.53 | 0.42 | - | - | - |
| 1983 | 1.05 | 1.86 | 0.49 | 1.09 | 1.95 | 0.51 | - | - | - |
| 1984 | 1.06 | 2.04 | 0.36 | 1.15 | 2.24 | 0.37 | - | - | - |
| 1985 | 0.92 | 1.67 | 0.37 | 0.97 | 1.73 | 0.39 | - | - | - |
| 1986 | 0.94 | 1.67 | 0.43 | 1.01 | 1.79 | 0.49 | - | - | - |
| 1987 | 0.97 | 1.73 | 0.43 | 1.03 | 1.82 | 0.47 | - | - | - |
| 1988 | 0.98 | 1.85 | 0.39 | 1.05 | 1.98 | 0.41 | - | - | - |
| 1989 | 1.13 | 2.21 | 0.37 | 1.20 | 2.36 | 0.39 | - | - | - |
| 1990 | 1.15 | 2.14 | 0.46 | 1.24 | 2.31 | 0.50 | - | - | - |
| 1991 | 1.11 | 2.10 | 0.42 | 1.18 | 2.21 | 0.46 | - | - | - |
| 1992 | 1.23 | 2.49 | 0.39 | 1.33 | 2.73 | 0.42 | - | - | - |
| 1993 | 1.06 | 2.04 | 0.38 | 1.14 | 2.24 | 0.37 | - | - | - |
| 1994 | 1.16 | 2.17 | 0.42 | 1.24 | 2.32 | 0.45 | 1.06 | - | - |
| 1995 | 1.16 | 2.17 | 0.46 | 1.23 | 2.30 | 0.48 | - | - | - |
| 1996 | 1.15 | 2.14 | 0.45 | 1.27 | 2.38 | 0.50 | - | - | - |
| 1997 | 1.01 | 1.92 | 0.37 | 1.06 | 2.06 | 0.35 | 0.92 | - | - |
| 1998 | 1.08 | 2.06 | 0.40 | 1.18 | 2.22 | 0.47 | - | - | - |
| 1999 | 1.12 | 2.17 | 0.37 | 1.20 | 2.30 | 0.40 | - | - | - |
| 2000 | 1.08 | 2.11 | 0.34 | 1.22 | 2.37 | 0.38 | - | - | - |
| 2001 | 1.06 | 1.98 | 0.41 | 1.17 | 2.19 | 0.45 | - | - | - |
| 2002 | 1.03 | 1.94 | 0.38 | 1.16 | 2.18 | 0.43 | - | - | - |
| 2003 | 0.96 | 1.74 | 0.40 | 1.05 | 1.90 | 0.44 | - | - | - |
| 2004 | 1.11 | 2.05 | 0.45 | 1.23 | 2.27 | 0.49 | - | - | - |
| 2005 | 1.05 | 1.95 | 0.43 | 1.19 | 2.18 | 0.50 | - | - | - |
| 2006 | 0.97 | 1.65 | 0.46 | 1.07 | 1.83 | 0.48 | - | - | - |
| 2007 | 0.99 | 1.77 | 0.44 | 1.12 | 1.98 | 0.49 | - | - | - |
| 2008 | 0.95 | 1.81 | 0.34 | 1.05 | 1.99 | 0.37 | - | - | - |
| 2009 | 0.98 | 1.81 | 0.39 | 1.15 | 2.10 | 0.46 | - | - | - |
| 2010 | 0.96 | 1.76 | 0.40 | 1.07 | 1.98 | 0.40 | - | - | - |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 18.4
MyelomaDelay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 4.91 | 6.43 | 3.86 | 4.61 | 6.17 | 3.57 | 9.72 | 10.86 | 8.61 |
| 1976 | 5.02 | 6.08 | 4.37 | 4.76 | 5.77 | 4.14 | 9.20 | 11.22 | 7.90 |
| 1977 | 5.06 | 6.38 | 4.16 | 4.85 | 6.19 | 3.95 | 9.13 | 11.00 | 7.79 |
| 1978 | 4.74 | 5.92 | 3.95 | 4.43 | 5.59 | 3.66 | 9.61 | 10.97 | 8.66 |
| 1979 | 4.88 | 6.00 | 4.10 | 4.49 | 5.40 | 3.83 | 11.03 | 15.26 | 8.31 |
| 1980 | 4.79 | 5.77 | 4.12 | 4.43 | 5.44 | 3.75 | 9.89 | 10.83 | 9.05 |
| 1981 | 5.02 | 6.00 | 4.33 | 4.62 | 5.46 | 4.00 | 11.01 | 15.23 | 8.19 |
| 1982 | 5.29 | 6.28 | 4.67 | 4.89 | 5.87 | 4.32 | 11.57 | 13.93 | 9.72 |
| 1983 | 5.31 | 6.94 | 4.22 | 4.74 | 6.30 | 3.73 | 13.78 | 16.35 | 11.92 |
| 1984 | 5.41 | 6.97 | 4.33 | 5.05 | 6.44 | 4.10 | 10.79 | 15.23 | 7.71 |
| 1985 | 5.20 | 6.32 | 4.36 | 4.94 | 5.95 | 4.19 | 9.45 | 12.58 | 7.24 |
| 1986 | 5.33 | 6.31 | 4.65 | 4.89 | 6.02 | 4.13 | 11.01 | 11.57 | 10.43 |
| 1987 | 5.93 | 7.38 | 5.03 | 5.66 | 7.18 | 4.71 | 11.13 | 13.48 | 9.69 |
| 1988 | 5.33 | 6.57 | 4.51 | 5.03 | 6.37 | 4.18 | 10.81 | 12.18 | 9.72 |
| 1989 | 5.43 | 6.72 | 4.49 | 5.09 | 6.33 | 4.17 | 10.79 | 13.58 | 8.95 |
| 1990 | 5.66 | 7.26 | 4.58 | 5.25 | 6.94 | 4.10 | 12.03 | 14.63 | 10.40 |
| 1991 | 6.04 | 7.68 | 4.86 | 5.58 | 7.18 | 4.42 | 12.79 | 15.93 | 10.65 |
| 1992 | 5.96 | 7.30 | 5.07 | 5.64 | 7.01 | 4.76 | 11.57 | 13.16 | 10.41 |
| 1993 | 5.60 | 7.34 | 4.35 | 5.15 | 6.81 | 3.97 | 12.80 | 15.82 | 10.52 |
| 1994 | 5.74 | 6.80 | 5.07 | 5.21 | 6.33 | 4.47 | 12.89 | 15.25 | 12.02 |
| 1995 | 5.75 | 7.25 | 4.73 | 5.33 | 6.80 | 4.34 | 12.34 | 15.27 | 10.48 |
| 1996 | 5.84 | 7.21 | 4.81 | 5.45 | 6.89 | 4.32 | 12.67 | 13.54 | 11.99 |
| 1997 | 6.14 | 7.41 | 5.27 | 5.74 | 7.09 | 4.78 | 12.75 | 14.47 | 11.98 |
| 1998 | 5.96 | 7.34 | 4.92 | 5.61 | 7.13 | 4.46 | 11.87 | 13.22 | 11.04 |
| 1999 | 5.64 | 7.13 | 4.56 | 5.18 | 6.62 | 4.12 | 12.22 | 15.55 | 10.12 |
| 2000 | 6.15 | 7.66 | 5.02 | 5.85 | 7.66 | 4.48 | 11.11 | 10.81 | 11.09 |
| 2001 | 5.95 | 7.37 | 4.87 | 5.53 | 6.96 | 4.43 | 12.31 | 14.92 | 10.77 |
| 2002 | 6.10 | 7.95 | 4.73 | 5.77 | 7.72 | 4.31 | 11.17 | 14.14 | 9.27 |
| 2003 | 5.95 | 7.44 | 4.83 | 5.67 | 7.22 | 4.50 | 11.12 | 14.33 | 9.05 |
| 2004 | 6.01 | 7.55 | 4.87 | 5.52 | 7.06 | 4.38 | 12.96 | 16.04 | 10.81 |
| 2005 | 6.28 | 7.93 | 5.05 | 5.86 | 7.62 | 4.52 | 12.88 | 14.92 | 11.60 |
| 2006 | 6.08 | 7.34 | 5.13 | 5.72 | 7.10 | 4.62 | 13.22 | 14.89 | 12.22 |
| 2007 | 6.21 | 8.13 | 4.74 | 5.82 | 7.90 | 4.17 | 12.14 | 14.79 | 10.35 |
| 2008 | 6.49 | 8.04 | 5.36 | 5.97 | 7.60 | 4.76 | 14.65 | 18.02 | 12.81 |
| 2009 | 6.72 | 8.45 | 5.37 | 6.09 | 7.86 | 4.71 | 14.43 | 16.90 | 12.61 |
| 2010 | 7.06 | 8.92 | 5.59 | 6.50 | 8.28 | 5.08 | 14.89 | 19.29 | 11.95 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 18.5
MyelomaAge-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 5.70 | 7.12 | 4.68 | 5.29 | 6.73 | 4.26 | 11.82 | 14.23 | 10.22 |
| 1975 | 4.91 | 6.43 | 3.86 | 4.61 | 6.17 | 3.57 | 9.72 | 10.86 | 8.61 |
| 1976 | 5.02 | 6.08 | 4.37 | 4.76 | 5.77 | 4.14 | 9.20 | 11.22 | 7.90 |
| 1977 | 5.06 | 6.38 | 4.16 | 4.85 | 6.19 | 3.95 | 9.13 | 11.00 | 7.79 |
| 1978 | 4.74 | 5.92 | 3.95 | 4.43 | 5.59 | 3.66 | 9.61 | 10.97 | 8.66 |
| 1979 | 4.88 | 6.00 | 4.10 | 4.49 | 5.40 | 3.83 | 11.03 | 15.26 | 8.31 |
| 1980 | 4.79 | 5.77 | 4.12 | 4.43 | 5.44 | 3.75 | 9.89 | 10.83 | 9.05 |
| 1981 | 5.02 | 6.00 | 4.33 | 4.62 | 5.46 | 4.00 | 11.01 | 15.23 | 8.19 |
| 1982 | 5.29 | 6.28 | 4.67 | 4.89 | 5.87 | 4.32 | 11.57 | 13.93 | 9.72 |
| 1983 | 5.31 | 6.94 | 4.22 | 4.74 | 6.30 | 3.73 | 13.78 | 16.35 | 11.92 |
| 1984 | 5.41 | 6.97 | 4.33 | 5.05 | 6.44 | 4.10 | 10.79 | 15.23 | 7.71 |
| 1985 | 5.20 | 6.32 | 4.36 | 4.94 | 5.95 | 4.19 | 9.45 | 12.58 | 7.24 |
| 1986 | 5.33 | 6.31 | 4.65 | 4.89 | 6.02 | 4.13 | 11.01 | 11.57 | 10.42 |
| 1987 | 5.93 | 7.37 | 5.02 | 5.66 | 7.18 | 4.71 | 11.13 | 13.48 | 9.69 |
| 1988 | 5.33 | 6.57 | 4.51 | 5.03 | 6.37 | 4.18 | 10.81 | 12.17 | 9.72 |
| 1989 | 5.43 | 6.72 | 4.49 | 5.09 | 6.33 | 4.17 | 10.78 | 13.57 | 8.94 |
| 1990 | 5.66 | 7.25 | 4.58 | 5.25 | 6.94 | 4.10 | 12.03 | 14.62 | 10.40 |
| 1991 | 6.04 | 7.67 | 4.86 | 5.57 | 7.18 | 4.42 | 12.78 | 15.92 | 10.64 |
| 1992 | 5.96 | 7.30 | 5.07 | 5.63 | 7.01 | 4.75 | 11.56 | 13.15 | 10.40 |
| 1993 | 5.60 | 7.33 | 4.34 | 5.15 | 6.81 | 3.97 | 12.78 | 15.81 | 10.50 |
| 1994 | 5.73 | 6.79 | 5.06 | 5.21 | 6.32 | 4.46 | 12.87 | 15.23 | 12.01 |
| 1995 | 5.75 | 7.24 | 4.73 | 5.33 | 6.79 | 4.33 | 12.31 | 15.24 | 10.46 |
| 1996 | 5.83 | 7.20 | 4.80 | 5.44 | 6.88 | 4.31 | 12.64 | 13.51 | 11.96 |
| 1997 | 6.13 | 7.39 | 5.26 | 5.72 | 7.07 | 4.77 | 12.71 | 14.42 | 11.94 |
| 1998 | 5.94 | 7.32 | 4.91 | 5.59 | 7.11 | 4.44 | 11.82 | 13.16 | 11.00 |
| 1999 | 5.62 | 7.10 | 4.54 | 5.16 | 6.59 | 4.10 | 12.15 | 15.46 | 10.06 |
| 2000 | 6.11 | 7.62 | 4.99 | 5.81 | 7.61 | 4.45 | 11.02 | 10.73 | 11.00 |
| 2001 | 5.91 | 7.32 | 4.83 | 5.49 | 6.90 | 4.39 | 12.20 | 14.77 | 10.67 |
| 2002 | 6.05 | 7.88 | 4.69 | 5.71 | 7.64 | 4.27 | 11.03 | 13.96 | 9.15 |
| 2003 | 5.87 | 7.35 | 4.77 | 5.60 | 7.12 | 4.44 | 10.95 | 14.10 | 8.90 |
| 2004 | 5.91 | 7.43 | 4.80 | 5.43 | 6.94 | 4.31 | 12.69 | 15.71 | 10.59 |
| 2005 | 6.14 | 7.76 | 4.94 | 5.72 | 7.45 | 4.42 | 12.53 | 14.52 | 11.29 |
| 2006 | 5.90 | 7.14 | 4.98 | 5.55 | 6.89 | 4.48 | 12.76 | 14.37 | 11.79 |
| 2007 | 5.96 | 7.80 | 4.55 | 5.59 | 7.59 | 4.01 | 11.60 | 14.13 | 9.88 |
| 2008 | 6.19 | 7.67 | 5.11 | 5.67 | 7.21 | 4.52 | 13.80 | 16.97 | 12.07 |
| 2009 | 6.31 | 7.94 | 5.04 | 5.69 | 7.33 | 4.39 | 13.35 | 15.63 | 11.67 |
| 2010 | 6.36 | 8.04 | 5.03 | 5.81 | 7.40 | 4.54 | 13.15 | 17.04 | 10.55 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 18.6
MyelomaAge-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 3.60 | 4.51 | 2.99 | 3.33 | 4.21 | 2.73 | 6.87 | 8.46 | 5.87 |
| 1975 | 2.94 | 3.70 | 2.42 | 2.73 | 3.47 | 2.23 | 5.26 | 6.44 | 4.41 |
| 1976 | 3.10 | 3.89 | 2.57 | 2.89 | 3.64 | 2.38 | 5.56 | 6.92 | 4.58 |
| 1977 | 3.13 | 3.92 | 2.60 | 2.91 | 3.64 | 2.43 | 5.55 | 7.24 | 4.42 |
| 1978 | 3.17 | 3.94 | 2.66 | 2.95 | 3.69 | 2.45 | 5.74 | 6.97 | 4.93 |
| 1979 | 3.26 | 4.12 | 2.68 | 3.03 | 3.85 | 2.48 | 5.91 | 7.42 | 4.89 |
| 1980 | 3.27 | 4.12 | 2.72 | 3.02 | 3.83 | 2.49 | 6.10 | 7.37 | 5.23 |
| 1981 | 3.29 | 4.05 | 2.79 | 3.01 | 3.70 | 2.54 | 6.57 | 8.16 | 5.50 |
| 1982 | 3.38 | 4.17 | 2.85 | 3.10 | 3.81 | 2.62 | 6.68 | 8.56 | 5.45 |
| 1983 | 3.44 | 4.34 | 2.87 | 3.15 | 3.97 | 2.63 | 6.82 | 8.73 | 5.58 |
| 1984 | 3.47 | 4.26 | 2.95 | 3.20 | 3.92 | 2.73 | 6.64 | 8.38 | 5.47 |
| 1985 | 3.58 | 4.46 | 3.02 | 3.29 | 4.11 | 2.78 | 6.90 | 8.57 | 5.82 |
| 1986 | 3.61 | 4.51 | 3.03 | 3.29 | 4.12 | 2.76 | 7.16 | 9.10 | 5.95 |
| 1987 | 3.61 | 4.57 | 2.97 | 3.32 | 4.21 | 2.72 | 7.06 | 9.18 | 5.71 |
| 1988 | 3.63 | 4.61 | 3.02 | 3.36 | 4.35 | 2.73 | 6.89 | 8.14 | 6.12 |
| 1989 | 3.70 | 4.64 | 3.10 | 3.42 | 4.30 | 2.85 | 7.08 | 8.91 | 5.92 |
| 1990 | 3.80 | 4.83 | 3.13 | 3.49 | 4.45 | 2.87 | 7.32 | 9.64 | 5.92 |
| 1991 | 3.87 | 4.83 | 3.26 | 3.54 | 4.46 | 2.95 | 7.77 | 9.59 | 6.64 |
| 1992 | 3.80 | 4.72 | 3.19 | 3.48 | 4.36 | 2.90 | 7.45 | 9.33 | 6.32 |
| 1993 | 3.96 | 4.89 | 3.35 | 3.64 | 4.56 | 3.04 | 7.82 | 9.32 | 6.88 |
| 1994 | 3.97 | 5.03 | 3.26 | 3.67 | 4.69 | 2.99 | 7.68 | 9.68 | 6.46 |
| 1995 | 3.98 | 4.94 | 3.36 | 3.66 | 4.61 | 3.02 | 7.79 | 9.41 | 6.90 |
| 1996 | 3.91 | 4.94 | 3.25 | 3.59 | 4.60 | 2.94 | 7.70 | 9.63 | 6.54 |
| 1997 | 3.90 | 4.93 | 3.22 | 3.60 | 4.61 | 2.93 | 7.49 | 9.24 | 6.45 |
| 1998 | 3.83 | 4.76 | 3.21 | 3.50 | 4.41 | 2.88 | 7.75 | 9.49 | 6.77 |
| 1999 | 3.84 | 4.72 | 3.24 | 3.52 | 4.41 | 2.91 | 7.45 | 8.84 | 6.64 |
| 2000 | 3.83 | 4.66 | 3.27 | 3.53 | 4.38 | 2.96 | 7.51 | 8.76 | 6.73 |
| 2001 | 3.80 | 4.69 | 3.18 | 3.53 | 4.41 | 2.90 | 7.23 | 8.74 | 6.29 |
| 2002 | 3.81 | 4.78 | 3.15 | 3.57 | 4.56 | 2.87 | 6.89 | 8.33 | 6.03 |
| 2003 | 3.72 | 4.61 | 3.09 | 3.45 | 4.36 | 2.80 | 7.14 | 8.44 | 6.32 |
| 2004 | 3.58 | 4.43 | 2.98 | 3.32 | 4.16 | 2.71 | 6.88 | 8.31 | 6.04 |
| 2005 | 3.58 | 4.51 | 2.91 | 3.34 | 4.26 | 2.67 | 6.48 | 8.06 | 5.50 |
| 2006 | 3.50 | 4.38 | 2.87 | 3.25 | 4.11 | 2.63 | 6.54 | 8.28 | 5.46 |
| 2007 | 3.49 | 4.42 | 2.83 | 3.23 | 4.18 | 2.55 | 6.58 | 7.85 | 5.84 |
| 2008 | 3.33 | 4.29 | 2.62 | 3.08 | 4.03 | 2.38 | 6.34 | 7.97 | 5.30 |
| 2009 | 3.29 | 4.23 | 2.61 | 3.08 | 3.99 | 2.40 | 5.96 | 7.61 | 4.88 |
| 2010 | 3.32 | 4.16 | 2.70 | 3.06 | 3.89 | 2.45 | 6.37 | 7.81 | 5.48 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 19.4
Non-Hodgkin Lymphoma

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 11.07 | 12.89 | 9.59 | 11.61 | 13.49 | 10.11 | 6.36 | 7.31 | 5.31 |
| 1976 | 11.21 | 12.82 | 10.04 | 11.65 | 13.27 | 10.51 | 5.95 | 7.45 | 4.87 |
| 1977 | 11.18 | 12.92 | 9.82 | 11.64 | 13.50 | 10.20 | 6.64 | 7.23 | 6.10 |
| 1978 | 11.93 | 14.29 | 10.12 | 12.48 | 14.77 | 10.74 | 7.15 | 9.46 | 5.17 |
| 1979 | 12.52 | 14.20 | 11.21 | 13.00 | 14.60 | 11.77 | 8.39 | 11.81 | 5.91 |
| 1980 | 12.61 | 15.01 | 10.80 | 12.96 | 15.26 | 11.21 | 8.77 | 10.89 | 7.20 |
| 1981 | 13.58 | 15.90 | 11.81 | 14.06 | 16.35 | 12.35 | 7.42 | 10.59 | 4.98 |
| 1982 | 13.39 | 15.56 | 11.61 | 14.02 | 16.42 | 12.05 | 10.27 | 10.22 | 10.01 |
| 1983 | 13.99 | 16.62 | 11.95 | 14.64 | 17.53 | 12.41 | 10.28 | 10.88 | 9.62 |
| 1984 | 15.20 | 18.31 | 12.78 | 15.96 | 19.12 | 13.52 | 9.46 | 12.52 | 6.92 |
| 1985 | 15.51 | 18.37 | 13.18 | 16.29 | 19.23 | 13.87 | 9.89 | 11.96 | 8.32 |
| 1986 | 15.92 | 19.43 | 13.03 | 16.83 | 20.57 | 13.77 | 10.66 | 13.13 | 8.52 |
| 1987 | 16.75 | 20.79 | 13.42 | 17.71 | 22.15 | 14.02 | 10.48 | 10.56 | 10.09 |
| 1988 | 17.25 | 21.33 | 14.07 | 18.20 | 22.42 | 14.90 | 11.58 | 15.80 | 8.48 |
| 1989 | 17.36 | 21.64 | 13.85 | 18.36 | 23.03 | 14.52 | 11.63 | 14.18 | 9.73 |
| 1990 | 18.51 | 22.99 | 14.81 | 19.37 | 23.97 | 15.54 | 13.82 | 17.53 | 10.92 |
| 1991 | 18.81 | 23.73 | 14.61 | 19.69 | 24.82 | 15.30 | 14.04 | 18.74 | 10.38 |
| 1992 | 18.64 | 23.06 | 14.96 | 19.59 | 23.98 | 15.85 | 13.63 | 18.75 | 9.66 |
| 1993 | 18.88 | 23.48 | 15.03 | 19.68 | 24.35 | 15.74 | 14.08 | 19.40 | 9.73 |
| 1994 | 19.98 | 25.00 | 15.81 | 20.72 | 25.62 | 16.59 | 14.45 | 21.61 | 8.75 |
| 1995 | 20.00 | 25.44 | 15.43 | 20.72 | 26.19 | 16.06 | 16.67 | 23.58 | 11.31 |
| 1996 | 19.44 | 24.25 | 15.51 | 20.34 | 25.29 | 16.26 | 15.23 | 18.90 | 12.13 |
| 1997 | 20.01 | 24.55 | 16.47 | 20.92 | 25.28 | 17.50 | 16.31 | 24.20 | 10.78 |
| 1998 | 19.64 | 22.99 | 16.87 | 20.65 | 24.07 | 17.81 | 14.25 | 16.59 | 12.39 |
| 1999 | 19.94 | 24.60 | 16.30 | 20.95 | 25.54 | 17.31 | 14.29 | 18.39 | 11.16 |
| 2000 | 19.76 | 24.27 | 16.11 | 20.94 | 25.64 | 17.11 | 13.85 | 18.31 | 10.54 |
| 2001 | 20.06 | 24.45 | 16.50 | 20.90 | 25.53 | 17.14 | 16.05 | 18.37 | 13.98 |
| 2002 | 20.26 | 24.26 | 17.11 | 21.40 | 25.61 | 18.01 | 14.52 | 17.30 | 12.44 |
| 2003 | 20.83 | 25.10 | 17.58 | 22.03 | 26.48 | 18.57 | 16.09 | 19.69 | 13.57 |
| 2004 | 21.47 | 26.05 | 17.96 | 22.48 | 27.08 | 18.90 | 18.61 | 24.23 | 14.54 |
| 2005 | 20.91 | 25.73 | 17.07 | 22.15 | 26.97 | 18.27 | 16.72 | 20.15 | 13.94 |
| 2006 | 20.53 | 24.74 | 17.28 | 21.84 | 26.15 | 18.46 | 16.36 | 20.73 | 13.12 |
| 2007 | 21.35 | 26.28 | 17.43 | 22.73 | 27.84 | 18.54 | 15.64 | 18.99 | 13.11 |
| 2008 | 20.99 | 25.73 | 17.12 | 21.98 | 26.95 | 17.88 | 16.74 | 18.72 | 14.94 |
| 2009 | 20.92 | 25.29 | 17.37 | 22.09 | 26.76 | 18.18 | 15.20 | 18.73 | 12.59 |
| 2010 | 21.62 | 26.82 | 17.39 | 22.61 | 27.69 | 18.44 | 17.93 | 23.50 | 13.50 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 19.5
Non-Hodgkin Lymphoma

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 18.05 | 22.11 | 14.83 | 18.80 | 22.96 | 15.48 | 13.58 | 17.15 | 10.78 |
| 1975 | 11.07 | 12.89 | 9.59 | 11.61 | 13.49 | 10.11 | 6.36 | 7.31 | 5.31 |
| 1976 | 11.21 | 12.82 | 10.04 | 11.65 | 13.27 | 10.51 | 5.95 | 7.45 | 4.87 |
| 1977 | 11.18 | 12.92 | 9.82 | 11.64 | 13.50 | 10.20 | 6.64 | 7.23 | 6.10 |
| 1978 | 11.93 | 14.29 | 10.12 | 12.48 | 14.77 | 10.74 | 7.15 | 9.46 | 5.17 |
| 1979 | 12.52 | 14.20 | 11.21 | 13.00 | 14.60 | 11.77 | 8.39 | 11.81 | 5.91 |
| 1980 | 12.61 | 15.01 | 10.80 | 12.96 | 15.26 | 11.21 | 8.77 | 10.89 | 7.20 |
| 1981 | 13.58 | 15.90 | 11.81 | 14.06 | 16.35 | 12.35 | 7.42 | 10.59 | 4.98 |
| 1982 | 13.39 | 15.56 | 11.61 | 14.02 | 16.42 | 12.05 | 10.27 | 10.22 | 10.01 |
| 1983 | 13.99 | 16.62 | 11.95 | 14.64 | 17.52 | 12.41 | 10.28 | 10.88 | 9.62 |
| 1984 | 15.19 | 18.31 | 12.78 | 15.96 | 19.12 | 13.52 | 9.46 | 12.52 | 6.92 |
| 1985 | 15.50 | 18.37 | 13.18 | 16.28 | 19.23 | 13.87 | 9.89 | 11.96 | 8.32 |
| 1986 | 15.92 | 19.43 | 13.03 | 16.83 | 20.56 | 13.77 | 10.66 | 13.13 | 8.52 |
| 1987 | 16.74 | 20.79 | 13.42 | 17.71 | 22.14 | 14.01 | 10.48 | 10.55 | 10.09 |
| 1988 | 17.24 | 21.32 | 14.07 | 18.19 | 22.40 | 14.89 | 11.57 | 15.79 | 8.47 |
| 1989 | 17.35 | 21.63 | 13.84 | 18.35 | 23.01 | 14.52 | 11.62 | 14.17 | 9.72 |
| 1990 | 18.51 | 22.98 | 14.80 | 19.35 | 23.95 | 15.53 | 13.81 | 17.51 | 10.91 |
| 1991 | 18.80 | 23.72 | 14.60 | 19.68 | 24.80 | 15.29 | 14.03 | 18.72 | 10.37 |
| 1992 | 18.62 | 23.04 | 14.94 | 19.56 | 23.95 | 15.84 | 13.62 | 18.73 | 9.65 |
| 1993 | 18.86 | 23.46 | 15.02 | 19.66 | 24.31 | 15.72 | 14.06 | 19.37 | 9.72 |
| 1994 | 19.96 | 24.97 | 15.80 | 20.68 | 25.58 | 16.57 | 14.43 | 21.58 | 8.74 |
| 1995 | 19.97 | 25.41 | 15.42 | 20.68 | 26.14 | 16.03 | 16.64 | 23.54 | 11.29 |
| 1996 | 19.41 | 24.22 | 15.49 | 20.29 | 25.24 | 16.23 | 15.20 | 18.86 | 12.11 |
| 1997 | 19.98 | 24.51 | 16.44 | 20.87 | 25.21 | 17.46 | 16.27 | 24.14 | 10.75 |
| 1998 | 19.60 | 22.94 | 16.84 | 20.60 | 24.01 | 17.76 | 14.21 | 16.54 | 12.35 |
| 1999 | 19.90 | 24.54 | 16.26 | 20.87 | 25.44 | 17.24 | 14.23 | 18.32 | 11.12 |
| 2000 | 19.70 | 24.20 | 16.07 | 20.85 | 25.52 | 17.03 | 13.79 | 18.23 | 10.50 |
| 2001 | 19.99 | 24.37 | 16.44 | 20.79 | 25.40 | 17.05 | 15.97 | 18.27 | 13.91 |
| 2002 | 20.17 | 24.15 | 17.03 | 21.27 | 25.45 | 17.90 | 14.42 | 17.19 | 12.36 |
| 2003 | 20.72 | 24.97 | 17.49 | 21.86 | 26.28 | 18.43 | 15.97 | 19.55 | 13.47 |
| 2004 | 21.34 | 25.89 | 17.85 | 22.28 | 26.84 | 18.73 | 18.45 | 24.01 | 14.41 |
| 2005 | 20.75 | 25.54 | 16.94 | 21.92 | 26.68 | 18.07 | 16.54 | 19.93 | 13.79 |
| 2006 | 20.35 | 24.51 | 17.12 | 21.56 | 25.81 | 18.22 | 16.15 | 20.46 | 12.95 |
| 2007 | 21.12 | 25.99 | 17.24 | 22.37 | 27.40 | 18.25 | 15.39 | 18.69 | 12.91 |
| 2008 | 20.70 | 25.38 | 16.89 | 21.56 | 26.44 | 17.54 | 16.42 | 18.36 | 14.66 |
| 2009 | 20.56 | 24.86 | 17.08 | 21.57 | 26.14 | 17.76 | 14.84 | 18.30 | 12.30 |
| 2010 | 20.98 | 26.03 | 16.88 | 21.74 | 26.63 | 17.73 | 17.24 | 22.60 | 12.98 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 19.6
Non-Hodgkin Lymphoma

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 7.32 | 9.14 | 5.99 | 7.62 | 9.48 | 6.25 | 4.95 | 6.37 | 3.92 |
| 1975 | 5.63 | 6.92 | 4.65 | 5.83 | 7.15 | 4.82 | 3.74 | 4.83 | 2.92 |
| 1976 | 5.71 | 6.87 | 4.83 | 5.94 | 7.14 | 5.03 | 3.54 | 4.54 | 2.76 |
| 1977 | 5.77 | 6.88 | 4.92 | 5.96 | 7.10 | 5.10 | 3.89 | 4.89 | 3.12 |
| 1978 | 5.93 | 7.30 | 4.90 | 6.15 | 7.53 | 5.12 | 3.90 | 5.40 | 2.81 |
| 1979 | 5.95 | 7.40 | 4.88 | 6.18 | 7.70 | 5.08 | 3.65 | 4.50 | 2.98 |
| 1980 | 6.23 | 7.47 | 5.29 | 6.47 | 7.74 | 5.52 | 3.99 | 5.15 | 3.12 |
| 1981 | 6.16 | 7.38 | 5.27 | 6.40 | 7.66 | 5.47 | 3.98 | 5.00 | 3.25 |
| 1982 | 6.55 | 7.98 | 5.49 | 6.83 | 8.29 | 5.74 | 4.12 | 5.23 | 3.29 |
| 1983 | 6.66 | 8.11 | 5.58 | 6.92 | 8.39 | 5.85 | 4.30 | 5.79 | 3.23 |
| 1984 | 6.76 | 8.15 | 5.75 | 7.05 | 8.50 | 6.01 | 4.19 | 5.28 | 3.39 |
| 1985 | 7.06 | 8.80 | 5.80 | 7.34 | 9.17 | 6.02 | 4.62 | 5.57 | 3.87 |
| 1986 | 7.31 | 8.98 | 6.05 | 7.59 | 9.25 | 6.33 | 4.95 | 6.64 | 3.70 |
| 1987 | 7.26 | 8.81 | 6.10 | 7.56 | 9.12 | 6.38 | 4.73 | 6.30 | 3.62 |
| 1988 | 7.52 | 9.28 | 6.24 | 7.82 | 9.59 | 6.53 | 5.01 | 6.82 | 3.72 |
| 1989 | 7.83 | 9.73 | 6.43 | 8.12 | 10.04 | 6.71 | 5.33 | 7.10 | 4.07 |
| 1990 | 7.87 | 9.97 | 6.34 | 8.16 | 10.32 | 6.58 | 5.39 | 7.13 | 4.17 |
| 1991 | 8.19 | 10.15 | 6.74 | 8.50 | 10.52 | 7.00 | 5.70 | 7.17 | 4.61 |
| 1992 | 8.22 | 10.30 | 6.69 | 8.53 | 10.66 | 6.96 | 5.64 | 7.23 | 4.45 |
| 1993 | 8.25 | 10.14 | 6.86 | 8.57 | 10.45 | 7.17 | 5.69 | 7.53 | 4.40 |
| 1994 | 8.63 | 10.75 | 7.10 | 9.00 | 11.20 | 7.41 | 5.54 | 6.82 | 4.56 |
| 1995 | 8.72 | 10.81 | 7.16 | 9.09 | 11.21 | 7.49 | 5.79 | 7.62 | 4.45 |
| 1996 | 8.75 | 10.94 | 7.14 | 9.09 | 11.29 | 7.46 | 6.21 | 8.25 | 4.74 |
| 1997 | 8.88 | 11.03 | 7.25 | 9.21 | 11.35 | 7.57 | 6.34 | 8.45 | 4.87 |
| 1998 | 8.69 | 10.85 | 7.10 | 9.03 | 11.27 | 7.38 | 5.99 | 7.50 | 4.89 |
| 1999 | 8.32 | 10.36 | 6.85 | 8.67 | 10.71 | 7.18 | 5.65 | 7.44 | 4.41 |
| 2000 | 8.17 | 10.20 | 6.70 | 8.54 | 10.63 | 7.01 | 5.20 | 6.61 | 4.17 |
| 2001 | 7.91 | 9.98 | 6.42 | 8.21 | 10.31 | 6.68 | 5.61 | 7.28 | 4.47 |
| 2002 | 7.65 | 9.66 | 6.19 | 7.97 | 10.04 | 6.44 | 5.41 | 6.88 | 4.41 |
| 2003 | 7.38 | 9.40 | 5.92 | 7.69 | 9.81 | 6.13 | 4.94 | 5.83 | 4.27 |
| 2004 | 7.09 | 8.94 | 5.73 | 7.38 | 9.28 | 5.96 | 5.01 | 6.23 | 4.13 |
| 2005 | 6.95 | 8.87 | 5.56 | 7.24 | 9.22 | 5.79 | 4.77 | 6.11 | 3.81 |
| 2006 | 6.74 | 8.48 | 5.44 | 7.01 | 8.78 | 5.66 | 4.92 | 6.27 | 3.93 |
| 2007 | 6.59 | 8.36 | 5.26 | 6.86 | 8.67 | 5.49 | 4.52 | 5.77 | 3.62 |
| 2008 | 6.41 | 8.20 | 5.09 | 6.71 | 8.56 | 5.33 | 4.31 | 5.48 | 3.45 |
| 2009 | 6.30 | 8.12 | 4.93 | 6.56 | 8.42 | 5.13 | 4.49 | 6.15 | 3.41 |
| 2010 | 6.14 | 7.83 | 4.85 | 6.37 | 8.11 | 5.04 | 4.57 | 5.84 | 3.64 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 20.5
Cancer of the Oral Cavity and Pharynx (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 13.21 | 21.20 | 7.09 | 13.30 | 21.73 | 6.92 | 13.38 | 20.16 | 8.25 |
| 1976 | 13.28 | 21.01 | 7.38 | 13.23 | 21.03 | 7.37 | 15.18 | 23.76 | 8.37 |
| 1977 | 12.74 | 20.11 | 6.94 | 12.60 | 19.86 | 7.02 | 14.45 | 23.86 | 6.66 |
| 1978 | 13.38 | 20.86 | 7.71 | 13.21 | 20.76 | 7.58 | 15.83 | 25.97 | 8.05 |
| 1979 | 14.03 | 21.92 | 8.01 | 13.71 | 21.60 | 7.75 | 18.46 | 28.16 | 10.77 |
| 1980 | 13.34 | 20.26 | 7.91 | 12.98 | 19.98 | 7.62 | 16.82 | 25.39 | 9.59 |
| 1981 | 13.58 | 20.84 | 7.92 | 13.40 | 20.52 | 7.94 | 16.65 | 28.16 | 7.46 |
| 1982 | 13.34 | 20.33 | 7.93 | 13.08 | 19.94 | 7.85 | 17.12 | 27.39 | 8.86 |
| 1983 | 13.29 | 21.21 | 7.25 | 13.26 | 21.21 | 7.30 | 16.13 | 26.09 | 8.32 |
| 1984 | 13.47 | 20.79 | 7.86 | 13.01 | 20.16 | 7.64 | 18.91 | 30.00 | 10.07 |
| 1985 | 13.34 | 19.85 | 8.24 | 13.28 | 19.62 | 8.36 | 16.12 | 25.98 | 8.53 |
| 1986 | 12.46 | 19.13 | 7.20 | 12.35 | 18.85 | 7.30 | 16.19 | 28.10 | 6.97 |
| 1987 | 13.20 | 20.52 | 7.51 | 13.11 | 20.16 | 7.68 | 16.81 | 30.02 | 7.00 |
| 1988 | 12.13 | 18.15 | 7.31 | 11.79 | 17.71 | 7.09 | 16.44 | 25.57 | 9.09 |
| 1989 | 12.13 | 18.31 | 7.27 | 11.84 | 17.72 | 7.30 | 15.76 | 27.17 | 7.05 |
| 1990 | 12.66 | 19.42 | 7.34 | 12.40 | 18.84 | 7.40 | 16.06 | 27.91 | 6.93 |
| 1991 | 12.18 | 18.36 | 7.27 | 12.10 | 18.14 | 7.33 | 14.42 | 23.73 | 7.33 |
| 1992 | 11.97 | 18.34 | 6.93 | 11.83 | 18.05 | 6.94 | 14.80 | 25.10 | 6.94 |
| 1993 | 12.44 | 18.72 | 7.29 | 12.24 | 18.41 | 7.22 | 15.56 | 24.88 | 8.11 |
| 1994 | 11.74 | 17.71 | 6.84 | 11.44 | 16.91 | 6.95 | 15.71 | 26.85 | 7.00 |
| 1995 | 11.55 | 16.96 | 7.20 | 11.54 | 16.74 | 7.35 | 13.64 | 22.83 | 6.67 |
| 1996 | 11.79 | 17.78 | 7.00 | 11.47 | 17.26 | 6.88 | 15.04 | 24.48 | 7.64 |
| 1997 | 11.52 | 17.37 | 6.75 | 11.55 | 17.24 | 6.86 | 11.51 | 18.36 | 6.21 |
| 1998 | 11.26 | 16.71 | 6.78 | 11.28 | 16.47 | 6.96 | 13.03 | 22.35 | 6.34 |
| 1999 | 10.59 | 15.56 | 6.49 | 10.50 | 15.44 | 6.38 | 11.88 | 20.10 | 5.84 |
| 2000 | 10.77 | 16.08 | 6.31 | 10.70 | 15.69 | 6.44 | 11.75 | 20.75 | 4.95 |
| 2001 | 10.85 | 15.56 | 6.92 | 10.94 | 15.66 | 6.95 | 12.12 | 19.01 | 7.04 |
| 2002 | 11.15 | 16.37 | 6.74 | 11.36 | 16.68 | 6.81 | 11.19 | 17.01 | 6.58 |
| 2003 | 10.55 | 15.68 | 6.19 | 10.54 | 15.72 | 6.06 | 11.83 | 17.09 | 7.64 |
| 2004 | 10.86 | 16.14 | 6.31 | 11.11 | 16.52 | 6.35 | 10.24 | 16.29 | 5.80 |
| 2005 | 10.76 | 15.67 | 6.58 | 10.96 | 16.13 | 6.47 | 11.14 | 16.62 | 7.04 |
| 2006 | 10.79 | 15.86 | 6.43 | 11.05 | 16.08 | 6.61 | 10.06 | 16.71 | 5.10 |
| 2007 | 10.84 | 16.12 | 6.27 | 11.20 | 16.63 | 6.36 | 10.10 | 15.92 | 5.68 |
| 2008 | 11.04 | 16.41 | 6.40 | 11.54 | 17.10 | 6.63 | 8.86 | 13.90 | 5.03 |
| 2009 | 11.07 | 16.38 | 6.44 | 11.36 | 16.77 | 6.53 | 10.61 | 15.93 | 6.50 |
| 2010 | 10.96 | 16.29 | 6.27 | 11.41 | 16.82 | 6.50 | 8.85 | 13.58 | 5.15 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 20.6
Cancer of the Oral Cavity and Pharynx (Invasive)
Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 11.89 | 17.91 | 6.98 | 11.91 | 17.89 | 7.02 | 13.09 | 21.18 | 6.85 |
| 1975 | 13.21 | 21.20 | 7.09 | 13.30 | 21.73 | 6.92 | 13.38 | 20.16 | 8.25 |
| 1976 | 13.28 | 21.01 | 7.38 | 13.23 | 21.03 | 7.37 | 15.18 | 23.76 | 8.37 |
| 1977 | 12.74 | 20.11 | 6.94 | 12.60 | 19.86 | 7.02 | 14.45 | 23.86 | 6.66 |
| 1978 | 13.38 | 20.86 | 7.71 | 13.21 | 20.76 | 7.58 | 15.83 | 25.97 | 8.05 |
| 1979 | 14.03 | 21.92 | 8.01 | 13.71 | 21.60 | 7.75 | 18.46 | 28.16 | 10.77 |
| 1980 | 13.34 | 20.26 | 7.91 | 12.98 | 19.98 | 7.62 | 16.82 | 25.39 | 9.59 |
| 1981 | 13.58 | 20.84 | 7.92 | 13.40 | 20.52 | 7.94 | 16.65 | 28.16 | 7.46 |
| 1982 | 13.34 | 20.33 | 7.93 | 13.08 | 19.93 | 7.85 | 17.12 | 27.39 | 8.86 |
| 1983 | 13.29 | 21.21 | 7.25 | 13.25 | 21.21 | 7.29 | 16.13 | 26.08 | 8.32 |
| 1984 | 13.47 | 20.79 | 7.86 | 13.00 | 20.16 | 7.64 | 18.91 | 29.99 | 10.07 |
| 1985 | 13.34 | 19.85 | 8.24 | 13.28 | 19.62 | 8.35 | 16.12 | 25.98 | 8.53 |
| 1986 | 12.46 | 19.12 | 7.20 | 12.35 | 18.85 | 7.30 | 16.18 | 28.09 | 6.97 |
| 1987 | 13.19 | 20.52 | 7.51 | 13.10 | 20.15 | 7.67 | 16.81 | 30.00 | 6.99 |
| 1988 | 12.12 | 18.14 | 7.30 | 11.78 | 17.70 | 7.09 | 16.43 | 25.56 | 9.08 |
| 1989 | 12.12 | 18.31 | 7.27 | 11.84 | 17.71 | 7.30 | 15.75 | 27.16 | 7.05 |
| 1990 | 12.66 | 19.41 | 7.34 | 12.39 | 18.83 | 7.39 | 16.05 | 27.89 | 6.92 |
| 1991 | 12.17 | 18.35 | 7.26 | 12.09 | 18.12 | 7.32 | 14.41 | 23.71 | 7.32 |
| 1992 | 11.97 | 18.34 | 6.92 | 11.82 | 18.03 | 6.93 | 14.79 | 25.08 | 6.94 |
| 1993 | 12.43 | 18.71 | 7.29 | 12.22 | 18.39 | 7.21 | 15.54 | 24.85 | 8.10 |
| 1994 | 11.73 | 17.70 | 6.84 | 11.43 | 16.89 | 6.94 | 15.69 | 26.82 | 6.99 |
| 1995 | 11.54 | 16.95 | 7.20 | 11.52 | 16.72 | 7.34 | 13.63 | 22.80 | 6.66 |
| 1996 | 11.78 | 17.77 | 6.99 | 11.45 | 17.24 | 6.87 | 15.02 | 24.44 | 7.63 |
| 1997 | 11.51 | 17.36 | 6.74 | 11.52 | 17.21 | 6.85 | 11.49 | 18.32 | 6.20 |
| 1998 | 11.25 | 16.69 | 6.77 | 11.26 | 16.43 | 6.94 | 13.00 | 22.31 | 6.32 |
| 1999 | 10.58 | 15.54 | 6.47 | 10.47 | 15.41 | 6.36 | 11.85 | 20.05 | 5.82 |
| 2000 | 10.75 | 16.06 | 6.30 | 10.67 | 15.65 | 6.42 | 11.72 | 20.70 | 4.93 |
| 2001 | 10.83 | 15.53 | 6.90 | 10.90 | 15.61 | 6.92 | 12.08 | 18.95 | 7.01 |
| 2002 | 11.12 | 16.34 | 6.72 | 11.32 | 16.61 | 6.78 | 11.15 | 16.95 | 6.55 |
| 2003 | 10.52 | 15.65 | 6.17 | 10.49 | 15.65 | 6.03 | 11.77 | 17.01 | 7.60 |
| 2004 | 10.82 | 16.09 | 6.29 | 11.05 | 16.43 | 6.31 | 10.19 | 16.21 | 5.76 |
| 2005 | 10.72 | 15.62 | 6.55 | 10.89 | 16.03 | 6.42 | 11.07 | 16.52 | 6.99 |
| 2006 | 10.75 | 15.80 | 6.40 | 10.96 | 15.96 | 6.55 | 9.98 | 16.59 | 5.06 |
| 2007 | 10.78 | 16.04 | 6.23 | 11.10 | 16.48 | 6.29 | 10.01 | 15.78 | 5.62 |
| 2008 | 10.96 | 16.31 | 6.36 | 11.41 | 16.92 | 6.55 | 8.76 | 13.76 | 4.96 |
| 2009 | 10.98 | 16.26 | 6.38 | 11.21 | 16.56 | 6.43 | 10.46 | 15.73 | 6.40 |
| 2010 | 10.79 | 16.06 | 6.16 | 11.15 | 16.45 | 6.34 | 8.65 | 13.28 | 5.02 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 20.7
Cancer of the Oral Cavity and Pharynx (Invasive)
Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 3.21 | 4.97 | 1.83 | 3.04 | 4.63 | 1.79 | 4.77 | 8.35 | 2.12 |
| 1975 | 4.30 | 6.93 | 2.33 | 4.12 | 6.64 | 2.29 | 5.79 | 9.93 | 2.52 |
| 1976 | 4.22 | 6.89 | 2.22 | 4.03 | 6.55 | 2.17 | 6.08 | 10.55 | 2.62 |
| 1977 | 4.32 | 7.03 | 2.30 | 4.11 | 6.67 | 2.25 | 6.22 | 10.87 | 2.65 |
| 1978 | 4.19 | 6.78 | 2.26 | 3.99 | 6.41 | 2.21 | 6.15 | 10.69 | 2.68 |
| 1979 | 4.24 | 6.71 | 2.39 | 3.99 | 6.25 | 2.32 | 6.65 | 11.47 | 2.97 |
| 1980 | 4.16 | 6.69 | 2.27 | 3.87 | 6.12 | 2.22 | 6.97 | 12.48 | 2.76 |
| 1981 | 4.05 | 6.46 | 2.24 | 3.78 | 5.96 | 2.17 | 6.52 | 11.36 | 2.84 |
| 1982 | 4.02 | 6.46 | 2.22 | 3.74 | 5.96 | 2.13 | 6.62 | 11.46 | 2.94 |
| 1983 | 3.94 | 6.27 | 2.20 | 3.64 | 5.73 | 2.10 | 6.65 | 11.83 | 2.76 |
| 1984 | 3.88 | 6.18 | 2.17 | 3.61 | 5.64 | 2.12 | 6.37 | 11.70 | 2.38 |
| 1985 | 3.75 | 5.93 | 2.11 | 3.49 | 5.44 | 2.05 | 6.23 | 11.03 | 2.62 |
| 1986 | 3.72 | 5.80 | 2.16 | 3.42 | 5.27 | 2.07 | 6.51 | 11.35 | 2.93 |
| 1987 | 3.53 | 5.46 | 2.05 | 3.29 | 5.01 | 2.00 | 5.70 | 9.95 | 2.54 |
| 1988 | 3.59 | 5.63 | 2.05 | 3.33 | 5.14 | 1.98 | 5.99 | 10.67 | 2.55 |
| 1989 | 3.50 | 5.34 | 2.07 | 3.23 | 4.84 | 2.00 | 5.92 | 10.44 | 2.59 |
| 1990 | 3.58 | 5.61 | 2.03 | 3.29 | 5.07 | 1.96 | 6.12 | 11.05 | 2.52 |
| 1991 | 3.47 | 5.34 | 2.03 | 3.21 | 4.87 | 1.95 | 5.84 | 10.06 | 2.70 |
| 1992 | 3.34 | 5.15 | 1.94 | 3.09 | 4.66 | 1.89 | 5.56 | 9.97 | 2.31 |
| 1993 | 3.34 | 5.19 | 1.90 | 3.07 | 4.68 | 1.83 | 5.68 | 10.09 | 2.44 |
| 1994 | 3.15 | 4.84 | 1.83 | 2.92 | 4.41 | 1.77 | 5.33 | 9.26 | 2.39 |
| 1995 | 3.16 | 4.87 | 1.84 | 2.91 | 4.42 | 1.75 | 5.37 | 9.28 | 2.54 |
| 1996 | 3.03 | 4.64 | 1.75 | 2.82 | 4.24 | 1.71 | 4.86 | 8.69 | 2.07 |
| 1997 | 2.98 | 4.53 | 1.76 | 2.79 | 4.17 | 1.70 | 4.68 | 8.10 | 2.19 |
| 1998 | 2.96 | 4.53 | 1.72 | 2.80 | 4.20 | 1.68 | 4.53 | 7.91 | 2.09 |
| 1999 | 2.73 | 4.15 | 1.60 | 2.55 | 3.80 | 1.54 | 4.37 | 7.49 | 2.12 |
| 2000 | 2.69 | 4.06 | 1.58 | 2.52 | 3.72 | 1.55 | 4.12 | 7.30 | 1.76 |
| 2001 | 2.72 | 4.15 | 1.56 | 2.58 | 3.87 | 1.53 | 3.86 | 6.65 | 1.80 |
| 2002 | 2.68 | 4.08 | 1.55 | 2.57 | 3.87 | 1.51 | 3.65 | 6.26 | 1.73 |
| 2003 | 2.64 | 4.07 | 1.48 | 2.51 | 3.80 | 1.45 | 3.83 | 6.86 | 1.65 |
| 2004 | 2.61 | 3.99 | 1.48 | 2.49 | 3.72 | 1.46 | 3.81 | 6.84 | 1.62 |
| 2005 | 2.53 | 3.84 | 1.44 | 2.42 | 3.59 | 1.44 | 3.49 | 6.42 | 1.37 |
| 2006 | 2.48 | 3.78 | 1.40 | 2.39 | 3.60 | 1.38 | 3.22 | 5.57 | 1.49 |
| 2007 | 2.52 | 3.85 | 1.43 | 2.45 | 3.70 | 1.41 | 3.27 | 5.60 | 1.59 |
| 2008 | 2.45 | 3.74 | 1.39 | 2.40 | 3.61 | 1.38 | 2.98 | 5.04 | 1.47 |
| 2009 | 2.37 | 3.64 | 1.31 | 2.33 | 3.53 | 1.32 | 2.80 | 4.97 | 1.22 |
| 2010 | 2.47 | 3.75 | 1.40 | 2.45 | 3.68 | 1.40 | 2.79 | 4.77 | 1.37 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 21.4
Cancer of the Ovary (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|-------|---------------|-------|-------|---------------|------|-------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975 | 16.32 | 11.61 | 48.88 | 16.77 | 12.00 | 49.79 | 11.72 | 7.40 | 41.58 |
| 1976 | 15.86 | 11.23 | 47.86 | 16.64 | 11.88 | 49.55 | 11.41 | 7.37 | 39.32 |
| 1977 | 15.62 | 11.20 | 46.15 | 16.19 | 11.58 | 48.07 | 11.34 | 8.69 | 29.65 |
| 1978 | 15.39 | 10.79 | 47.18 | 16.17 | 11.37 | 49.31 | 9.96 | 6.07 | 36.83 |
| 1979 | 15.40 | 10.71 | 47.79 | 15.85 | 10.92 | 49.91 | 11.94 | 9.07 | 31.79 |
| 1980 | 15.44 | 10.64 | 48.68 | 16.21 | 11.18 | 50.95 | 11.73 | 7.41 | 41.60 |
| 1981 | 15.42 | 10.49 | 49.53 | 16.01 | 10.88 | 51.47 | 11.68 | 7.58 | 40.08 |
| 1982 | 15.59 | 10.11 | 53.43 | 16.14 | 10.50 | 55.14 | 12.40 | 7.50 | 46.24 |
| 1983 | 15.97 | 10.45 | 54.14 | 16.42 | 10.74 | 55.71 | 13.06 | 9.18 | 39.90 |
| 1984 | 16.26 | 10.98 | 52.79 | 17.15 | 11.72 | 54.70 | 10.98 | 5.87 | 46.32 |
| 1985 | 16.55 | 10.79 | 56.42 | 17.46 | 11.43 | 59.14 | 11.17 | 7.11 | 39.28 |
| 1986 | 15.01 | 9.87 | 50.56 | 15.69 | 10.45 | 51.92 | 10.70 | 6.24 | 41.49 |
| 1987 | 16.16 | 10.16 | 57.65 | 17.05 | 10.86 | 59.88 | 11.82 | 6.26 | 50.29 |
| 1988 | 15.28 | 9.57 | 54.72 | 16.01 | 10.08 | 56.97 | 11.57 | 6.64 | 45.68 |
| 1989 | 15.52 | 9.54 | 56.83 | 16.50 | 10.27 | 59.55 | 10.99 | 5.43 | 49.49 |
| 1990 | 15.41 | 9.45 | 56.57 | 16.28 | 10.06 | 59.25 | 10.24 | 5.69 | 41.69 |
| 1991 | 15.78 | 9.71 | 57.70 | 16.57 | 10.32 | 59.78 | 11.05 | 5.48 | 49.53 |
| 1992 | 14.93 | 9.34 | 53.56 | 15.67 | 9.73 | 56.73 | 11.25 | 7.78 | 35.21 |
| 1993 | 15.25 | 9.14 | 57.53 | 16.07 | 9.63 | 60.61 | 11.64 | 6.61 | 46.42 |
| 1994 | 14.48 | 8.87 | 53.20 | 15.00 | 9.17 | 55.31 | 12.46 | 6.50 | 53.65 |
| 1995 | 14.60 | 8.77 | 54.93 | 15.38 | 9.33 | 57.17 | 10.33 | 4.90 | 47.82 |
| 1996 | 14.14 | 8.44 | 53.60 | 15.31 | 9.26 | 57.15 | 9.06 | 4.55 | 40.23 |
| 1997 | 14.75 | 9.23 | 52.95 | 15.45 | 9.69 | 55.26 | 10.72 | 5.75 | 45.06 |
| 1998 | 14.36 | 8.84 | 52.53 | 15.09 | 9.23 | 55.55 | 10.99 | 6.04 | 45.17 |
| 1999 | 14.76 | 8.77 | 56.23 | 15.48 | 8.99 | 60.36 | 10.94 | 6.51 | 41.58 |
| 2000 | 14.37 | 9.08 | 50.93 | 15.25 | 9.66 | 53.93 | 10.95 | 5.52 | 48.44 |
| 2001 | 14.63 | 9.21 | 52.09 | 15.67 | 9.82 | 56.10 | 9.54 | 6.33 | 31.70 |
| 2002 | 13.94 | 8.09 | 54.34 | 14.58 | 8.47 | 56.81 | 10.58 | 5.70 | 44.34 |
| 2003 | 13.78 | 8.54 | 50.03 | 14.30 | 8.99 | 51.01 | 12.43 | 6.27 | 54.98 |
| 2004 | 13.41 | 8.17 | 49.66 | 14.04 | 8.35 | 53.38 | 10.67 | 6.74 | 37.82 |
| 2005 | 13.05 | 8.18 | 46.69 | 13.65 | 8.33 | 50.43 | 10.86 | 7.32 | 35.33 |
| 2006 | 13.05 | 7.73 | 49.82 | 13.78 | 8.13 | 52.82 | 9.25 | 5.61 | 34.43 |
| 2007 | 13.18 | 8.25 | 47.21 | 13.72 | 8.60 | 49.05 | 11.72 | 6.09 | 50.69 |
| 2008 | 13.04 | 7.61 | 50.59 | 13.87 | 7.99 | 54.56 | 9.71 | 5.24 | 40.60 |
| 2009 | 13.11 | 8.09 | 47.82 | 13.93 | 8.42 | 51.96 | 9.82 | 5.41 | 40.28 |
| 2010 | 12.98 | 7.86 | 48.33 | 13.75 | 8.28 | 51.54 | 10.11 | 5.60 | 41.27 |

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

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 21.5
Cancer of the Ovary (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|--------------------|--------------------|-------|-------|---------------|-------|-------|---------------|------|-------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 14.60 | 9.20 | 51.97 | 15.37 | 9.70 | 54.60 | 10.86 | 6.29 | 42.48 |
| 1975 | 16.32 | 11.61 | 48.88 | 16.77 | 12.00 | 49.79 | 11.72 | 7.40 | 41.58 |
| 1976 | 15.86 | 11.23 | 47.86 | 16.64 | 11.88 | 49.55 | 11.41 | 7.37 | 39.32 |
| 1977 | 15.62 | 11.20 | 46.15 | 16.19 | 11.58 | 48.07 | 11.34 | 8.69 | 29.65 |
| 1978 | 15.39 | 10.79 | 47.18 | 16.17 | 11.37 | 49.31 | 9.96 | 6.07 | 36.83 |
| 1979 | 15.40 | 10.71 | 47.79 | 15.85 | 10.92 | 49.91 | 11.94 | 9.07 | 31.79 |
| 1980 | 15.44 | 10.64 | 48.68 | 16.21 | 11.18 | 50.95 | 11.73 | 7.41 | 41.60 |
| 1981 | 15.42 | 10.49 | 49.53 | 16.01 | 10.88 | 51.47 | 11.68 | 7.58 | 40.08 |
| 1982 | 15.59 | 10.11 | 53.43 | 16.14 | 10.50 | 55.14 | 12.40 | 7.50 | 46.23 |
| 1983 | 15.97 | 10.45 | 54.13 | 16.42 | 10.74 | 55.71 | 13.06 | 9.18 | 39.89 |
| 1984 | 16.26 | 10.98 | 52.78 | 17.15 | 11.72 | 54.70 | 10.98 | 5.87 | 46.31 |
| 1985 | 16.55 | 10.78 | 56.41 | 17.46 | 11.43 | 59.13 | 11.17 | 7.10 | 39.27 |
| 1986 | 15.01 | 9.87 | 50.55 | 15.69 | 10.45 | 51.91 | 10.69 | 6.24 | 41.47 |
| 1987 | 16.16 | 10.16 | 57.64 | 17.05 | 10.85 | 59.87 | 11.82 | 6.26 | 50.27 |
| 1988 | 15.27 | 9.57 | 54.69 | 16.00 | 10.08 | 56.95 | 11.56 | 6.63 | 45.65 |
| 1989 | 15.51 | 9.53 | 56.80 | 16.49 | 10.27 | 59.53 | 10.99 | 5.42 | 49.45 |
| 1990 | 15.40 | 9.45 | 56.54 | 16.27 | 10.06 | 59.22 | 10.23 | 5.68 | 41.65 |
| 1991 | 15.77 | 9.70 | 57.66 | 16.56 | 10.31 | 59.74 | 11.03 | 5.48 | 49.47 |
| 1992 | 14.92 | 9.34 | 53.52 | 15.66 | 9.73 | 56.69 | 11.23 | 7.77 | 35.16 |
| 1993 | 15.24 | 9.13 | 57.47 | 16.06 | 9.62 | 60.56 | 11.62 | 6.59 | 46.34 |
| 1994 | 14.46 | 8.86 | 53.14 | 14.99 | 9.16 | 55.25 | 12.44 | 6.49 | 53.54 |
| 1995 | 14.58 | 8.76 | 54.86 | 15.36 | 9.32 | 57.10 | 10.30 | 4.89 | 47.70 |
| 1996 | 14.12 | 8.42 | 53.51 | 15.29 | 9.24 | 57.06 | 9.03 | 4.53 | 40.11 |
| 1997 | 14.72 | 9.21 | 52.84 | 15.42 | 9.68 | 55.16 | 10.68 | 5.73 | 44.91 |
| 1998 | 14.33 | 8.82 | 52.43 | 15.06 | 9.22 | 55.44 | 10.94 | 6.02 | 45.00 |
| 1999 | 14.72 | 8.74 | 56.06 | 15.44 | 8.96 | 60.19 | 10.88 | 6.47 | 41.36 |
| 2000 | 14.32 | 9.05 | 50.76 | 15.20 | 9.63 | 53.74 | 10.88 | 5.49 | 48.15 |
| 2001 | 14.57 | 9.17 | 51.88 | 15.60 | 9.78 | 55.87 | 9.47 | 6.28 | 31.47 |
| 2002 | 13.87 | 8.05 | 54.07 | 14.51 | 8.43 | 56.53 | 10.49 | 5.65 | 43.96 |
| 2003 | 13.70 | 8.49 | 49.74 | 14.22 | 8.94 | 50.70 | 12.30 | 6.21 | 54.43 |
| 2004 | 13.32 | 8.11 | 49.32 | 13.94 | 8.29 | 52.99 | 10.54 | 6.66 | 37.37 |
| 2005 | 12.94 | 8.12 | 46.30 | 13.53 | 8.26 | 49.98 | 10.70 | 7.21 | 34.82 |
| 2006 | 12.92 | 7.66 | 49.33 | 13.63 | 8.04 | 52.24 | 9.09 | 5.51 | 33.84 |
| 2007 | 13.02 | 8.15 | 46.65 | 13.53 | 8.49 | 48.40 | 11.48 | 5.96 | 49.65 |
| 2008 | 12.85 | 7.50 | 49.86 | 13.65 | 7.86 | 53.67 | 9.48 | 5.12 | 39.61 |
| 2009 | 12.88 | 7.95 | 46.99 | 13.65 | 8.26 | 50.93 | 9.53 | 5.25 | 39.11 |
| 2010 | 12.59 | 7.63 | 46.89 | 13.27 | 7.99 | 49.74 | 9.62 | 5.33 | 39.28 |

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

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

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

Table 21.6
Cancer of the Ovary (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Age

| | All Races, Females | | | White Females | | | Black Females | | |
|----------------|--------------------|------|-------|---------------|------|-------|---------------|------|-------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| Year of Death: | | | | | | | | | |
| 1975-2010 | 8.98 | 4.08 | 42.88 | 9.29 | 4.25 | 44.08 | 7.41 | 3.28 | 35.94 |
| 1975 | 9.84 | 5.83 | 37.55 | 10.16 | 6.01 | 38.81 | 7.16 | 4.64 | 24.58 |
| 1976 | 10.02 | 5.73 | 39.66 | 10.28 | 5.90 | 40.58 | 8.01 | 4.61 | 31.52 |
| 1977 | 9.58 | 5.47 | 38.05 | 9.87 | 5.65 | 39.08 | 7.41 | 4.25 | 29.21 |
| 1978 | 9.55 | 5.44 | 37.97 | 9.83 | 5.62 | 38.88 | 7.35 | 4.17 | 29.33 |
| 1979 | 9.33 | 5.10 | 38.58 | 9.56 | 5.20 | 39.70 | 7.53 | 4.43 | 28.94 |
| 1980 | 9.29 | 4.97 | 39.15 | 9.52 | 5.11 | 39.96 | 7.85 | 4.18 | 33.21 |
| 1981 | 9.23 | 4.94 | 38.89 | 9.48 | 5.10 | 39.75 | 7.36 | 3.74 | 32.36 |
| 1982 | 9.22 | 4.80 | 39.81 | 9.49 | 4.97 | 40.72 | 7.41 | 3.64 | 33.45 |
| 1983 | 9.20 | 4.70 | 40.34 | 9.43 | 4.80 | 41.38 | 7.67 | 4.11 | 32.25 |
| 1984 | 9.11 | 4.63 | 40.08 | 9.36 | 4.79 | 40.93 | 7.55 | 3.76 | 33.80 |
| 1985 | 9.08 | 4.57 | 40.23 | 9.34 | 4.72 | 41.29 | 7.30 | 3.74 | 31.87 |
| 1986 | 9.24 | 4.57 | 41.55 | 9.52 | 4.73 | 42.63 | 7.42 | 3.66 | 33.43 |
| 1987 | 9.18 | 4.46 | 41.86 | 9.46 | 4.64 | 42.82 | 7.55 | 3.52 | 35.45 |
| 1988 | 9.31 | 4.41 | 43.16 | 9.55 | 4.56 | 44.08 | 7.87 | 3.67 | 36.88 |
| 1989 | 9.21 | 4.30 | 43.20 | 9.52 | 4.49 | 44.27 | 7.41 | 3.26 | 36.16 |
| 1990 | 9.33 | 4.26 | 44.35 | 9.61 | 4.46 | 45.23 | 7.86 | 3.32 | 39.24 |
| 1991 | 9.51 | 4.32 | 45.37 | 9.74 | 4.48 | 46.13 | 8.36 | 3.43 | 42.46 |
| 1992 | 9.46 | 4.24 | 45.51 | 9.70 | 4.38 | 46.49 | 8.19 | 3.59 | 39.99 |
| 1993 | 9.08 | 4.02 | 44.06 | 9.34 | 4.19 | 44.93 | 7.74 | 3.02 | 40.42 |
| 1994 | 9.38 | 4.14 | 45.64 | 9.67 | 4.32 | 46.70 | 7.82 | 3.20 | 39.72 |
| 1995 | 9.12 | 3.96 | 44.77 | 9.47 | 4.17 | 46.07 | 7.37 | 2.93 | 38.04 |
| 1996 | 8.86 | 3.82 | 43.70 | 9.13 | 3.97 | 44.80 | 7.32 | 2.89 | 37.92 |
| 1997 | 8.94 | 3.77 | 44.70 | 9.21 | 3.94 | 45.59 | 7.93 | 3.11 | 41.19 |
| 1998 | 8.73 | 3.68 | 43.64 | 9.02 | 3.81 | 45.03 | 7.37 | 3.22 | 36.06 |
| 1999 | 8.77 | 3.73 | 43.57 | 9.07 | 3.90 | 44.83 | 7.38 | 3.05 | 37.31 |
| 2000 | 8.89 | 3.67 | 45.00 | 9.25 | 3.85 | 46.58 | 7.15 | 2.90 | 36.50 |
| 2001 | 9.00 | 3.73 | 45.47 | 9.32 | 3.87 | 46.95 | 7.52 | 3.19 | 37.47 |
| 2002 | 9.04 | 3.78 | 45.36 | 9.39 | 3.96 | 46.89 | 7.43 | 3.09 | 37.49 |
| 2003 | 8.87 | 3.66 | 44.84 | 9.19 | 3.82 | 46.28 | 7.46 | 3.09 | 37.69 |
| 2004 | 8.78 | 3.52 | 45.17 | 9.09 | 3.64 | 46.72 | 7.65 | 3.10 | 39.16 |
| 2005 | 8.66 | 3.55 | 44.00 | 9.00 | 3.72 | 45.44 | 7.28 | 2.85 | 37.87 |
| 2006 | 8.56 | 3.44 | 43.98 | 8.95 | 3.61 | 45.82 | 6.85 | 2.87 | 34.40 |
| 2007 | 8.25 | 3.18 | 43.33 | 8.64 | 3.35 | 45.24 | 6.56 | 2.62 | 33.79 |
| 2008 | 7.98 | 3.10 | 41.69 | 8.28 | 3.23 | 43.22 | 6.63 | 2.61 | 34.39 |
| 2009 | 7.85 | 3.13 | 40.45 | 8.15 | 3.28 | 41.82 | 6.75 | 2.65 | 35.08 |
| 2010 | 7.80 | 3.02 | 40.84 | 8.11 | 3.13 | 42.52 | 6.64 | 2.68 | 34.04 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 22.4
Cancer of the Pancreas (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 11.84 | 15.62 | 9.12 | 11.69 | 15.65 | 8.89 | 15.90 | 18.08 | 13.91 |
| 1976 | 11.99 | 14.82 | 9.90 | 11.76 | 14.50 | 9.74 | 17.61 | 22.68 | 13.97 |
| 1977 | 11.90 | 14.81 | 9.83 | 11.62 | 14.58 | 9.54 | 17.12 | 19.44 | 15.25 |
| 1978 | 11.07 | 14.06 | 8.85 | 10.83 | 13.90 | 8.60 | 15.14 | 20.02 | 11.53 |
| 1979 | 11.52 | 14.15 | 9.65 | 11.21 | 13.84 | 9.39 | 16.08 | 19.14 | 13.68 |
| 1980 | 11.52 | 14.20 | 9.61 | 11.07 | 13.70 | 9.18 | 17.94 | 21.76 | 15.53 |
| 1981 | 11.68 | 13.54 | 10.17 | 11.39 | 13.26 | 9.91 | 17.18 | 20.86 | 14.10 |
| 1982 | 11.72 | 13.81 | 10.18 | 11.41 | 13.47 | 9.95 | 16.86 | 20.99 | 13.96 |
| 1983 | 12.19 | 14.66 | 10.44 | 11.75 | 14.07 | 10.12 | 18.13 | 23.05 | 14.90 |
| 1984 | 12.22 | 13.94 | 10.93 | 12.03 | 13.87 | 10.64 | 17.19 | 18.36 | 16.34 |
| 1985 | 12.10 | 14.35 | 10.50 | 11.70 | 13.60 | 10.34 | 18.80 | 25.28 | 14.55 |
| 1986 | 11.68 | 13.78 | 10.21 | 11.37 | 13.54 | 9.82 | 17.32 | 20.16 | 15.59 |
| 1987 | 11.61 | 13.81 | 10.10 | 11.09 | 13.38 | 9.54 | 18.43 | 18.98 | 17.93 |
| 1988 | 11.65 | 13.70 | 10.20 | 11.11 | 13.35 | 9.58 | 18.48 | 19.55 | 17.32 |
| 1989 | 11.34 | 12.89 | 10.08 | 10.99 | 12.66 | 9.64 | 15.03 | 16.12 | 14.00 |
| 1990 | 11.28 | 12.81 | 10.06 | 11.03 | 12.46 | 9.85 | 15.20 | 18.83 | 12.64 |
| 1991 | 11.40 | 12.90 | 10.23 | 11.04 | 12.61 | 9.79 | 17.00 | 18.20 | 16.18 |
| 1992 | 11.63 | 13.23 | 10.34 | 11.34 | 12.92 | 10.02 | 17.34 | 19.77 | 15.75 |
| 1993 | 10.97 | 12.55 | 9.71 | 10.51 | 11.98 | 9.31 | 16.93 | 18.90 | 15.25 |
| 1994 | 11.38 | 13.26 | 9.92 | 10.90 | 12.35 | 9.75 | 17.45 | 21.53 | 14.49 |
| 1995 | 11.14 | 12.73 | 9.97 | 10.71 | 12.31 | 9.57 | 18.12 | 20.32 | 16.31 |
| 1996 | 11.30 | 12.92 | 9.94 | 10.91 | 12.48 | 9.58 | 17.07 | 19.69 | 14.89 |
| 1997 | 11.49 | 13.08 | 10.19 | 11.05 | 12.58 | 9.75 | 17.84 | 19.36 | 16.49 |
| 1998 | 11.49 | 13.12 | 10.23 | 11.26 | 13.02 | 9.86 | 14.76 | 16.23 | 13.90 |
| 1999 | 11.11 | 12.59 | 9.84 | 10.72 | 12.24 | 9.36 | 16.71 | 19.54 | 14.71 |
| 2000 | 11.42 | 13.33 | 9.84 | 11.08 | 12.94 | 9.58 | 15.70 | 18.18 | 13.27 |
| 2001 | 11.35 | 13.19 | 10.00 | 11.08 | 13.10 | 9.55 | 14.28 | 15.48 | 13.36 |
| 2002 | 11.77 | 13.07 | 10.58 | 11.61 | 13.31 | 10.09 | 16.14 | 14.95 | 16.26 |
| 2003 | 11.66 | 12.91 | 10.62 | 11.45 | 12.71 | 10.37 | 16.17 | 17.14 | 15.45 |
| 2004 | 12.02 | 13.97 | 10.38 | 11.80 | 13.63 | 10.25 | 16.11 | 19.60 | 13.44 |
| 2005 | 12.09 | 13.79 | 10.70 | 11.79 | 13.49 | 10.37 | 17.11 | 18.49 | 16.43 |
| 2006 | 12.63 | 14.34 | 11.23 | 12.53 | 14.53 | 10.88 | 16.87 | 18.40 | 15.50 |
| 2007 | 12.53 | 14.47 | 10.93 | 12.38 | 14.51 | 10.62 | 15.61 | 16.45 | 14.86 |
| 2008 | 12.83 | 14.65 | 11.34 | 12.51 | 14.34 | 10.97 | 17.37 | 19.44 | 15.91 |
| 2009 | 13.19 | 14.82 | 11.85 | 12.93 | 14.59 | 11.56 | 17.51 | 20.58 | 15.16 |
| 2010 | 12.77 | 14.06 | 11.65 | 12.33 | 13.68 | 11.16 | 17.65 | 19.85 | 16.01 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 22.5
Cancer of the Pancreas (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 11.78 | 13.66 | 10.30 | 11.45 | 13.37 | 9.94 | 16.75 | 19.05 | 15.01 |
| 1975 | 11.84 | 15.62 | 9.12 | 11.69 | 15.65 | 8.89 | 15.90 | 18.08 | 13.91 |
| 1976 | 11.99 | 14.82 | 9.90 | 11.76 | 14.50 | 9.74 | 17.61 | 22.68 | 13.97 |
| 1977 | 11.90 | 14.81 | 9.83 | 11.62 | 14.58 | 9.54 | 17.12 | 19.44 | 15.25 |
| 1978 | 11.07 | 14.06 | 8.85 | 10.83 | 13.90 | 8.60 | 15.14 | 20.02 | 11.53 |
| 1979 | 11.52 | 14.15 | 9.65 | 11.21 | 13.84 | 9.39 | 16.08 | 19.14 | 13.68 |
| 1980 | 11.52 | 14.20 | 9.61 | 11.07 | 13.70 | 9.18 | 17.94 | 21.76 | 15.53 |
| 1981 | 11.68 | 13.54 | 10.17 | 11.39 | 13.26 | 9.91 | 17.18 | 20.86 | 14.10 |
| 1982 | 11.72 | 13.81 | 10.18 | 11.41 | 13.47 | 9.95 | 16.86 | 20.99 | 13.96 |
| 1983 | 12.19 | 14.66 | 10.44 | 11.75 | 14.07 | 10.12 | 18.13 | 23.05 | 14.90 |
| 1984 | 12.22 | 13.94 | 10.93 | 12.03 | 13.87 | 10.64 | 17.19 | 18.36 | 16.34 |
| 1985 | 12.10 | 14.35 | 10.50 | 11.70 | 13.60 | 10.34 | 18.80 | 25.28 | 14.55 |
| 1986 | 11.68 | 13.78 | 10.21 | 11.37 | 13.54 | 9.82 | 17.32 | 20.16 | 15.59 |
| 1987 | 11.61 | 13.81 | 10.10 | 11.09 | 13.38 | 9.54 | 18.43 | 18.98 | 17.93 |
| 1988 | 11.65 | 13.70 | 10.20 | 11.11 | 13.35 | 9.57 | 18.48 | 19.55 | 17.32 |
| 1989 | 11.34 | 12.88 | 10.08 | 10.98 | 12.66 | 9.64 | 15.02 | 16.12 | 14.00 |
| 1990 | 11.28 | 12.81 | 10.06 | 11.02 | 12.46 | 9.84 | 15.20 | 18.82 | 12.63 |
| 1991 | 11.40 | 12.90 | 10.23 | 11.04 | 12.61 | 9.79 | 17.00 | 18.20 | 16.18 |
| 1992 | 11.63 | 13.23 | 10.34 | 11.33 | 12.92 | 10.02 | 17.34 | 19.77 | 15.75 |
| 1993 | 10.97 | 12.54 | 9.70 | 10.51 | 11.98 | 9.31 | 16.92 | 18.90 | 15.24 |
| 1994 | 11.38 | 13.25 | 9.92 | 10.90 | 12.34 | 9.75 | 17.45 | 21.53 | 14.49 |
| 1995 | 11.13 | 12.72 | 9.96 | 10.71 | 12.31 | 9.57 | 18.11 | 20.31 | 16.31 |
| 1996 | 11.30 | 12.92 | 9.93 | 10.91 | 12.48 | 9.57 | 17.06 | 19.68 | 14.88 |
| 1997 | 11.49 | 13.07 | 10.19 | 11.04 | 12.57 | 9.74 | 17.83 | 19.35 | 16.48 |
| 1998 | 11.48 | 13.12 | 10.22 | 11.25 | 13.01 | 9.85 | 14.75 | 16.22 | 13.89 |
| 1999 | 11.10 | 12.58 | 9.83 | 10.71 | 12.23 | 9.35 | 16.70 | 19.53 | 14.69 |
| 2000 | 11.41 | 13.32 | 9.83 | 11.07 | 12.92 | 9.57 | 15.68 | 18.16 | 13.26 |
| 2001 | 11.34 | 13.18 | 9.99 | 11.07 | 13.09 | 9.54 | 14.26 | 15.46 | 13.33 |
| 2002 | 11.75 | 13.05 | 10.56 | 11.58 | 13.29 | 10.07 | 16.11 | 14.92 | 16.23 |
| 2003 | 11.64 | 12.89 | 10.60 | 11.42 | 12.68 | 10.34 | 16.13 | 17.10 | 15.40 |
| 2004 | 11.98 | 13.93 | 10.35 | 11.76 | 13.60 | 10.21 | 16.06 | 19.55 | 13.39 |
| 2005 | 12.04 | 13.75 | 10.66 | 11.74 | 13.45 | 10.32 | 17.04 | 18.42 | 16.36 |
| 2006 | 12.57 | 14.28 | 11.17 | 12.47 | 14.47 | 10.82 | 16.78 | 18.31 | 15.41 |
| 2007 | 12.45 | 14.40 | 10.86 | 12.30 | 14.43 | 10.54 | 15.51 | 16.35 | 14.75 |
| 2008 | 12.73 | 14.55 | 11.24 | 12.40 | 14.23 | 10.87 | 17.22 | 19.29 | 15.76 |
| 2009 | 13.06 | 14.68 | 11.72 | 12.79 | 14.45 | 11.42 | 17.32 | 20.37 | 14.98 |
| 2010 | 12.40 | 13.68 | 11.29 | 11.95 | 13.29 | 10.79 | 17.10 | 19.28 | 15.48 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 22.6
Cancer of the Pancreas (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 10.70 | 12.62 | 9.23 | 10.46 | 12.40 | 8.97 | 14.13 | 16.35 | 12.49 |
| 1975 | 10.66 | 13.80 | 8.42 | 10.48 | 13.61 | 8.27 | 12.81 | 16.32 | 10.15 |
| 1976 | 10.68 | 13.62 | 8.57 | 10.50 | 13.43 | 8.41 | 12.86 | 16.05 | 10.47 |
| 1977 | 10.87 | 13.86 | 8.76 | 10.68 | 13.61 | 8.62 | 13.20 | 17.14 | 10.35 |
| 1978 | 10.79 | 13.63 | 8.76 | 10.62 | 13.47 | 8.59 | 12.90 | 15.93 | 10.69 |
| 1979 | 10.73 | 13.39 | 8.81 | 10.53 | 13.25 | 8.57 | 13.39 | 15.85 | 11.55 |
| 1980 | 10.62 | 13.10 | 8.83 | 10.36 | 12.85 | 8.58 | 13.78 | 16.47 | 11.80 |
| 1981 | 10.70 | 13.16 | 8.92 | 10.50 | 12.91 | 8.77 | 13.40 | 16.96 | 10.83 |
| 1982 | 10.59 | 13.06 | 8.85 | 10.32 | 12.76 | 8.60 | 14.09 | 17.07 | 11.91 |
| 1983 | 10.69 | 12.82 | 9.13 | 10.36 | 12.40 | 8.87 | 14.78 | 18.10 | 12.45 |
| 1984 | 10.80 | 12.96 | 9.22 | 10.45 | 12.61 | 8.89 | 14.96 | 17.52 | 13.08 |
| 1985 | 10.63 | 12.86 | 9.03 | 10.33 | 12.53 | 8.76 | 14.43 | 17.29 | 12.40 |
| 1986 | 10.60 | 12.46 | 9.23 | 10.30 | 12.16 | 8.93 | 14.60 | 16.72 | 13.04 |
| 1987 | 10.59 | 12.52 | 9.18 | 10.28 | 12.16 | 8.90 | 14.58 | 17.36 | 12.61 |
| 1988 | 10.49 | 12.51 | 8.98 | 10.15 | 12.16 | 8.65 | 14.52 | 17.05 | 12.66 |
| 1989 | 10.62 | 12.61 | 9.17 | 10.25 | 12.22 | 8.82 | 15.02 | 17.71 | 13.15 |
| 1990 | 10.69 | 12.59 | 9.25 | 10.34 | 12.19 | 8.92 | 15.18 | 18.08 | 13.21 |
| 1991 | 10.69 | 12.58 | 9.28 | 10.40 | 12.27 | 8.99 | 14.55 | 16.93 | 12.79 |
| 1992 | 10.70 | 12.61 | 9.27 | 10.35 | 12.23 | 8.92 | 15.40 | 18.22 | 13.44 |
| 1993 | 10.66 | 12.41 | 9.37 | 10.33 | 12.06 | 9.05 | 15.05 | 17.59 | 13.31 |
| 1994 | 10.64 | 12.37 | 9.31 | 10.28 | 11.98 | 8.95 | 15.16 | 17.69 | 13.38 |
| 1995 | 10.45 | 12.13 | 9.18 | 10.21 | 11.91 | 8.92 | 13.90 | 15.78 | 12.54 |
| 1996 | 10.47 | 12.08 | 9.23 | 10.17 | 11.79 | 8.91 | 14.43 | 16.45 | 12.97 |
| 1997 | 10.45 | 12.22 | 9.07 | 10.16 | 11.97 | 8.76 | 14.57 | 16.39 | 13.14 |
| 1998 | 10.52 | 12.29 | 9.15 | 10.23 | 12.02 | 8.83 | 14.52 | 16.49 | 13.07 |
| 1999 | 10.62 | 12.32 | 9.27 | 10.38 | 12.07 | 9.03 | 14.18 | 16.58 | 12.40 |
| 2000 | 10.55 | 12.14 | 9.26 | 10.33 | 11.98 | 8.99 | 14.05 | 15.79 | 12.70 |
| 2001 | 10.57 | 12.15 | 9.30 | 10.40 | 12.05 | 9.07 | 13.70 | 15.07 | 12.56 |
| 2002 | 10.56 | 12.22 | 9.23 | 10.36 | 12.08 | 8.96 | 13.70 | 15.47 | 12.37 |
| 2003 | 10.55 | 12.09 | 9.29 | 10.35 | 11.93 | 9.04 | 13.84 | 15.53 | 12.52 |
| 2004 | 10.70 | 12.40 | 9.31 | 10.51 | 12.23 | 9.09 | 13.71 | 15.57 | 12.22 |
| 2005 | 10.83 | 12.42 | 9.53 | 10.67 | 12.29 | 9.33 | 13.77 | 15.47 | 12.47 |
| 2006 | 10.86 | 12.43 | 9.55 | 10.71 | 12.39 | 9.32 | 13.70 | 14.88 | 12.64 |
| 2007 | 10.84 | 12.56 | 9.46 | 10.67 | 12.45 | 9.22 | 14.04 | 15.59 | 12.79 |
| 2008 | 10.96 | 12.51 | 9.67 | 10.85 | 12.45 | 9.49 | 13.67 | 15.12 | 12.55 |
| 2009 | 10.84 | 12.43 | 9.53 | 10.72 | 12.37 | 9.37 | 13.58 | 15.00 | 12.37 |
| 2010 | 10.98 | 12.70 | 9.58 | 10.88 | 12.63 | 9.42 | 13.63 | 15.73 | 12.08 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 23.4
Cancer of the Prostate (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Males | | | White Males | | | Black Males | | |
|--------------------|------------------|-------|----------|-------------|-------|----------|-------------|--------|----------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| 1975 | 94.00 | 13.67 | 649.33 | 92.18 | 13.02 | 639.37 | 141.07 | 26.76 | 931.22 |
| 1976 | 97.93 | 14.62 | 673.84 | 97.33 | 13.93 | 673.83 | 140.61 | 29.69 | 907.29 |
| 1977 | 100.49 | 15.04 | 691.09 | 98.56 | 14.35 | 680.68 | 159.16 | 29.24 | 1,057.18 |
| 1978 | 99.40 | 15.21 | 681.33 | 97.73 | 14.79 | 671.05 | 148.11 | 26.83 | 986.42 |
| 1979 | 103.44 | 14.98 | 714.91 | 102.31 | 14.68 | 708.01 | 162.31 | 26.35 | 1,102.12 |
| 1980 | 106.03 | 15.52 | 731.66 | 104.98 | 14.69 | 729.10 | 161.14 | 33.79 | 1,041.42 |
| 1981 | 108.91 | 16.85 | 745.32 | 107.92 | 15.98 | 743.44 | 161.86 | 34.55 | 1,041.86 |
| 1982 | 108.25 | 16.35 | 743.52 | 107.37 | 15.80 | 740.32 | 167.65 | 31.32 | 1,109.97 |
| 1983 | 111.63 | 17.16 | 764.68 | 110.85 | 16.60 | 762.28 | 170.92 | 34.03 | 1,117.18 |
| 1984 | 111.73 | 17.26 | 764.70 | 110.15 | 16.22 | 759.39 | 178.84 | 37.09 | 1,158.62 |
| 1985 | 115.57 | 17.91 | 790.62 | 114.72 | 17.65 | 785.73 | 170.05 | 31.42 | 1,128.31 |
| 1986 | 119.13 | 18.55 | 814.32 | 119.08 | 18.30 | 815.70 | 168.71 | 34.10 | 1,099.18 |
| 1987 | 133.82 | 21.52 | 910.11 | 134.67 | 21.12 | 919.61 | 189.48 | 35.91 | 1,251.00 |
| 1988 | 137.69 | 22.19 | 936.10 | 138.85 | 22.30 | 944.49 | 190.41 | 34.91 | 1,265.29 |
| 1989 | 145.49 | 24.18 | 984.00 | 146.30 | 24.06 | 991.29 | 192.35 | 37.32 | 1,264.02 |
| 1990 | 171.15 | 28.85 | 1,154.76 | 172.95 | 28.90 | 1,168.65 | 222.80 | 44.75 | 1,453.48 |
| 1991 | 215.00 | 38.90 | 1,432.26 | 216.71 | 39.34 | 1,442.77 | 289.21 | 57.37 | 1,891.72 |
| 1992 | 237.63 | 49.45 | 1,538.33 | 238.68 | 49.45 | 1,546.71 | 329.37 | 78.19 | 2,065.58 |
| 1993 | 209.72 | 50.52 | 1,310.18 | 204.76 | 49.07 | 1,280.96 | 345.51 | 94.44 | 2,081.03 |
| 1994 | 180.50 | 48.68 | 1,091.67 | 174.46 | 46.86 | 1,056.48 | 315.40 | 96.15 | 1,830.93 |
| 1995 | 169.50 | 50.13 | 994.58 | 164.61 | 48.24 | 969.05 | 283.92 | 99.40 | 1,559.44 |
| 1996 | 169.71 | 53.54 | 972.76 | 165.46 | 52.05 | 949.37 | 284.52 | 100.88 | 1,553.91 |
| 1997 | 173.83 | 55.34 | 992.91 | 170.37 | 54.16 | 973.73 | 287.14 | 97.85 | 1,595.53 |
| 1998 | 171.28 | 55.08 | 974.49 | 167.88 | 53.24 | 960.35 | 290.10 | 103.99 | 1,576.61 |
| 1999 | 183.83 | 60.88 | 1,033.66 | 179.82 | 59.03 | 1,014.76 | 293.64 | 112.93 | 1,542.73 |
| 2000 | 183.51 | 61.96 | 1,023.77 | 180.39 | 60.21 | 1,011.11 | 294.45 | 115.18 | 1,533.67 |
| 2001 | 185.43 | 64.78 | 1,019.41 | 183.84 | 62.92 | 1,019.69 | 277.78 | 115.44 | 1,399.97 |
| 2002 | 182.88 | 65.71 | 992.79 | 181.09 | 64.29 | 988.42 | 291.77 | 118.67 | 1,488.31 |
| 2003 | 170.28 | 62.24 | 917.07 | 167.61 | 60.20 | 910.02 | 264.20 | 117.51 | 1,278.15 |
| 2004 | 166.55 | 62.22 | 887.68 | 163.80 | 60.81 | 875.75 | 261.74 | 107.36 | 1,328.84 |
| 2005 | 157.40 | 58.25 | 842.73 | 153.80 | 55.91 | 830.47 | 253.48 | 107.71 | 1,261.03 |
| 2006 | 172.61 | 64.97 | 916.67 | 169.93 | 63.23 | 907.51 | 256.68 | 110.33 | 1,268.31 |
| 2007 | 175.67 | 67.22 | 925.26 | 172.03 | 64.65 | 914.22 | 269.71 | 120.68 | 1,299.88 |
| 2008 | 158.62 | 63.15 | 818.53 | 155.18 | 60.90 | 806.86 | 257.39 | 112.93 | 1,255.95 |
| 2009 | 155.83 | 63.13 | 796.65 | 152.54 | 60.99 | 785.35 | 248.89 | 112.67 | 1,190.50 |
| 2010 | 148.80 | 59.88 | 763.47 | 145.02 | 57.30 | 751.38 | 236.05 | 108.15 | 1,120.16 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 23.5
Cancer of the Prostate (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Males | | | White Males | | | Black Males | | |
|--------------------|------------------|-------|----------|-------------|-------|----------|-------------|--------|----------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 153.08 | 43.27 | 912.09 | 149.67 | 41.21 | 899.41 | 238.73 | 80.85 | 1,330.02 |
| 1975 | 94.00 | 13.67 | 649.33 | 92.18 | 13.02 | 639.37 | 141.07 | 26.76 | 931.22 |
| 1976 | 97.93 | 14.62 | 673.84 | 97.33 | 13.93 | 673.83 | 140.61 | 29.69 | 907.29 |
| 1977 | 100.49 | 15.04 | 691.09 | 98.56 | 14.35 | 680.68 | 159.16 | 29.24 | 1,057.18 |
| 1978 | 99.40 | 15.21 | 681.33 | 97.73 | 14.79 | 671.05 | 148.11 | 26.83 | 986.42 |
| 1979 | 103.44 | 14.98 | 714.91 | 102.31 | 14.68 | 708.01 | 162.31 | 26.35 | 1,102.12 |
| 1980 | 106.03 | 15.52 | 731.66 | 104.98 | 14.69 | 729.10 | 161.14 | 33.79 | 1,041.42 |
| 1981 | 108.91 | 16.85 | 745.32 | 107.92 | 15.98 | 743.44 | 161.86 | 34.55 | 1,041.86 |
| 1982 | 108.24 | 16.34 | 743.47 | 107.36 | 15.80 | 740.27 | 167.63 | 31.32 | 1,109.83 |
| 1983 | 111.62 | 17.15 | 764.59 | 110.83 | 16.60 | 762.17 | 170.88 | 34.02 | 1,116.88 |
| 1984 | 111.71 | 17.26 | 764.56 | 110.12 | 16.22 | 759.23 | 178.77 | 37.08 | 1,158.14 |
| 1985 | 115.54 | 17.91 | 790.43 | 114.69 | 17.65 | 785.50 | 169.96 | 31.41 | 1,127.65 |
| 1986 | 119.09 | 18.55 | 814.07 | 119.04 | 18.30 | 815.38 | 168.59 | 34.08 | 1,098.34 |
| 1987 | 133.77 | 21.51 | 909.76 | 134.61 | 21.11 | 919.16 | 189.31 | 35.88 | 1,249.80 |
| 1988 | 137.63 | 22.18 | 935.67 | 138.77 | 22.29 | 943.91 | 190.20 | 34.88 | 1,263.80 |
| 1989 | 145.41 | 24.17 | 983.46 | 146.20 | 24.04 | 990.55 | 192.09 | 37.28 | 1,262.21 |
| 1990 | 171.03 | 28.83 | 1,154.01 | 172.79 | 28.88 | 1,167.55 | 222.42 | 44.70 | 1,450.91 |
| 1991 | 214.84 | 38.87 | 1,431.18 | 216.50 | 39.31 | 1,441.30 | 288.68 | 57.30 | 1,888.08 |
| 1992 | 237.42 | 49.41 | 1,536.99 | 238.40 | 49.40 | 1,544.83 | 328.67 | 78.07 | 2,060.90 |
| 1993 | 209.51 | 50.47 | 1,308.87 | 204.48 | 49.02 | 1,279.12 | 344.66 | 94.26 | 2,075.50 |
| 1994 | 180.29 | 48.62 | 1,090.41 | 174.19 | 46.81 | 1,054.69 | 314.49 | 95.93 | 1,825.25 |
| 1995 | 169.27 | 50.07 | 993.26 | 164.31 | 48.17 | 967.11 | 282.98 | 99.13 | 1,553.80 |
| 1996 | 169.46 | 53.46 | 971.31 | 165.13 | 51.97 | 947.34 | 283.51 | 100.59 | 1,547.94 |
| 1997 | 173.54 | 55.25 | 991.23 | 169.88 | 54.03 | 970.69 | 285.69 | 97.45 | 1,586.88 |
| 1998 | 170.96 | 54.97 | 972.68 | 167.35 | 53.11 | 957.05 | 288.51 | 103.52 | 1,567.24 |
| 1999 | 183.39 | 60.74 | 1,031.20 | 179.04 | 58.83 | 1,009.99 | 291.50 | 112.24 | 1,530.58 |
| 2000 | 183.01 | 61.79 | 1,020.97 | 179.46 | 59.96 | 1,005.48 | 291.95 | 114.35 | 1,519.55 |
| 2001 | 184.84 | 64.57 | 1,016.20 | 182.71 | 62.61 | 1,012.93 | 275.02 | 114.45 | 1,384.90 |
| 2002 | 182.22 | 65.47 | 989.18 | 179.76 | 63.90 | 980.62 | 288.36 | 117.48 | 1,469.53 |
| 2003 | 169.56 | 61.98 | 913.21 | 166.14 | 59.76 | 901.43 | 260.58 | 116.11 | 1,259.22 |
| 2004 | 165.74 | 61.92 | 883.36 | 162.08 | 60.27 | 865.85 | 257.48 | 105.84 | 1,305.67 |
| 2005 | 156.50 | 57.92 | 837.96 | 151.85 | 55.31 | 819.20 | 248.61 | 105.90 | 1,235.09 |
| 2006 | 171.47 | 64.54 | 910.61 | 167.33 | 62.40 | 892.67 | 250.85 | 108.12 | 1,237.46 |
| 2007 | 174.31 | 66.70 | 918.10 | 168.84 | 63.62 | 896.17 | 262.44 | 117.77 | 1,262.41 |
| 2008 | 157.03 | 62.52 | 810.32 | 151.69 | 59.71 | 787.54 | 249.10 | 109.67 | 1,212.91 |
| 2009 | 153.66 | 62.25 | 785.55 | 148.36 | 59.52 | 762.48 | 239.30 | 108.73 | 1,141.86 |
| 2010 | 145.12 | 58.40 | 744.57 | 138.71 | 55.07 | 716.90 | 222.28 | 102.36 | 1,051.25 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 23.6
Cancer of the Prostate (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Age

| Year of Death: | All Races, Males | | | White Males | | | Black Males | | |
|----------------|------------------|------|--------|-------------|------|--------|-------------|------|--------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| 1975-2010 | 31.40 | 2.34 | 232.32 | 29.06 | 2.01 | 215.99 | 65.09 | 5.96 | 473.79 |
| 1975 | 30.97 | 2.54 | 227.48 | 29.06 | 2.18 | 214.88 | 55.52 | 6.56 | 393.98 |
| 1976 | 31.78 | 2.69 | 232.91 | 29.93 | 2.31 | 220.84 | 55.60 | 6.90 | 392.19 |
| 1977 | 31.83 | 2.69 | 233.28 | 29.90 | 2.31 | 220.57 | 56.44 | 6.93 | 398.67 |
| 1978 | 32.66 | 2.61 | 240.33 | 30.62 | 2.24 | 226.79 | 58.49 | 6.76 | 416.09 |
| 1979 | 32.84 | 2.56 | 242.13 | 30.77 | 2.21 | 228.17 | 59.24 | 6.63 | 422.90 |
| 1980 | 33.05 | 2.67 | 243.08 | 30.77 | 2.33 | 227.39 | 61.99 | 6.57 | 445.03 |
| 1981 | 33.17 | 2.68 | 243.95 | 30.76 | 2.30 | 227.52 | 63.61 | 7.06 | 454.45 |
| 1982 | 33.36 | 2.68 | 245.47 | 31.09 | 2.34 | 229.85 | 62.36 | 6.62 | 447.67 |
| 1983 | 33.92 | 2.76 | 249.30 | 31.57 | 2.40 | 233.18 | 64.55 | 6.99 | 462.46 |
| 1984 | 34.06 | 2.71 | 250.77 | 31.58 | 2.37 | 233.49 | 65.93 | 6.74 | 475.13 |
| 1985 | 33.91 | 2.73 | 249.43 | 31.28 | 2.34 | 231.34 | 67.26 | 7.16 | 482.68 |
| 1986 | 34.93 | 2.80 | 256.99 | 32.46 | 2.47 | 239.72 | 67.39 | 6.63 | 487.36 |
| 1987 | 35.11 | 2.71 | 259.06 | 32.57 | 2.38 | 241.27 | 68.88 | 6.66 | 499.03 |
| 1988 | 35.88 | 2.83 | 264.40 | 33.38 | 2.47 | 247.08 | 69.57 | 6.98 | 502.28 |
| 1989 | 37.10 | 2.97 | 273.01 | 34.54 | 2.62 | 255.20 | 71.71 | 7.06 | 518.54 |
| 1990 | 38.56 | 3.02 | 284.23 | 35.67 | 2.65 | 263.98 | 77.98 | 7.43 | 565.65 |
| 1991 | 39.31 | 2.89 | 291.08 | 36.50 | 2.52 | 271.39 | 78.24 | 7.06 | 570.21 |
| 1992 | 39.22 | 2.86 | 290.58 | 36.29 | 2.44 | 270.28 | 79.84 | 7.66 | 578.73 |
| 1993 | 39.34 | 2.72 | 292.48 | 36.26 | 2.33 | 270.82 | 81.86 | 7.04 | 599.08 |
| 1994 | 38.54 | 2.67 | 286.48 | 35.64 | 2.31 | 266.04 | 79.96 | 6.76 | 585.93 |
| 1995 | 37.29 | 2.58 | 277.23 | 34.41 | 2.22 | 256.93 | 78.20 | 6.70 | 572.47 |
| 1996 | 36.00 | 2.50 | 267.61 | 33.00 | 2.13 | 246.38 | 78.84 | 6.45 | 579.20 |
| 1997 | 34.15 | 2.31 | 254.26 | 31.35 | 1.94 | 234.58 | 74.30 | 6.32 | 544.22 |
| 1998 | 32.63 | 2.27 | 242.49 | 29.89 | 1.90 | 223.36 | 72.77 | 6.28 | 532.41 |
| 1999 | 31.56 | 2.06 | 235.48 | 28.91 | 1.72 | 216.88 | 70.13 | 5.80 | 514.78 |
| 2000 | 30.39 | 1.98 | 226.82 | 27.78 | 1.66 | 208.29 | 68.90 | 5.40 | 507.82 |
| 2001 | 29.52 | 1.94 | 220.14 | 26.97 | 1.63 | 202.08 | 67.82 | 5.33 | 499.72 |
| 2002 | 28.71 | 1.92 | 213.87 | 26.36 | 1.60 | 197.48 | 64.98 | 5.26 | 477.81 |
| 2003 | 27.19 | 1.90 | 201.97 | 25.02 | 1.59 | 186.95 | 60.37 | 5.30 | 441.02 |
| 2004 | 26.19 | 1.82 | 194.64 | 24.04 | 1.55 | 179.54 | 59.00 | 4.79 | 433.72 |
| 2005 | 25.40 | 1.80 | 188.57 | 23.33 | 1.51 | 174.20 | 57.02 | 4.83 | 417.76 |
| 2006 | 24.24 | 1.84 | 179.14 | 22.34 | 1.58 | 165.81 | 53.73 | 4.57 | 393.54 |
| 2007 | 24.23 | 1.75 | 179.68 | 22.23 | 1.49 | 165.58 | 54.88 | 4.51 | 403.03 |
| 2008 | 23.01 | 1.78 | 169.73 | 21.34 | 1.52 | 158.30 | 49.11 | 4.48 | 357.62 |
| 2009 | 22.12 | 1.70 | 163.30 | 20.34 | 1.43 | 151.06 | 49.35 | 4.45 | 359.70 |
| 2010 | 21.81 | 1.78 | 160.28 | 20.10 | 1.51 | 148.57 | 48.18 | 4.40 | 350.79 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 24.4
Cancer of the Stomach (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 11.67 | 17.14 | 7.85 | 10.66 | 15.98 | 6.99 | 17.05 | 24.76 | 11.46 |
| 1976 | 12.21 | 17.52 | 8.33 | 11.18 | 15.98 | 7.68 | 15.82 | 23.55 | 10.12 |
| 1977 | 11.54 | 16.58 | 7.87 | 10.34 | 15.02 | 6.98 | 17.34 | 24.68 | 11.63 |
| 1978 | 11.49 | 16.49 | 7.95 | 10.29 | 14.99 | 6.98 | 17.59 | 22.94 | 13.46 |
| 1979 | 12.00 | 17.41 | 8.25 | 10.76 | 15.58 | 7.49 | 18.51 | 28.20 | 11.73 |
| 1980 | 11.29 | 17.13 | 7.17 | 10.32 | 15.68 | 6.56 | 15.12 | 26.32 | 7.32 |
| 1981 | 11.14 | 16.60 | 7.39 | 10.06 | 15.07 | 6.70 | 17.60 | 27.84 | 10.39 |
| 1982 | 10.92 | 16.29 | 7.12 | 9.71 | 14.58 | 6.34 | 19.03 | 31.17 | 10.33 |
| 1983 | 10.95 | 15.86 | 7.46 | 9.54 | 13.69 | 6.60 | 18.01 | 27.78 | 11.16 |
| 1984 | 10.58 | 15.32 | 7.32 | 9.43 | 13.90 | 6.42 | 16.59 | 21.85 | 12.53 |
| 1985 | 10.22 | 15.09 | 6.87 | 8.93 | 13.33 | 5.97 | 16.44 | 23.50 | 11.34 |
| 1986 | 10.21 | 15.01 | 6.81 | 9.06 | 13.53 | 5.88 | 16.47 | 23.17 | 11.88 |
| 1987 | 10.20 | 15.06 | 6.81 | 8.98 | 13.26 | 5.96 | 17.06 | 26.68 | 10.69 |
| 1988 | 10.19 | 15.50 | 6.46 | 8.80 | 13.58 | 5.47 | 16.22 | 24.76 | 10.09 |
| 1989 | 10.00 | 15.15 | 6.33 | 8.73 | 13.47 | 5.35 | 15.78 | 23.16 | 10.66 |
| 1990 | 9.27 | 13.73 | 6.19 | 7.96 | 11.92 | 5.20 | 14.44 | 21.79 | 9.43 |
| 1991 | 9.71 | 14.20 | 6.58 | 8.31 | 12.32 | 5.52 | 16.49 | 25.77 | 10.42 |
| 1992 | 9.20 | 13.37 | 6.17 | 7.98 | 11.68 | 5.25 | 14.02 | 19.90 | 9.85 |
| 1993 | 9.02 | 13.61 | 5.79 | 7.67 | 11.61 | 4.88 | 14.37 | 23.71 | 8.38 |
| 1994 | 9.02 | 13.60 | 5.71 | 7.69 | 11.76 | 4.76 | 15.04 | 24.75 | 8.77 |
| 1995 | 8.34 | 12.58 | 5.24 | 7.24 | 11.23 | 4.35 | 13.42 | 18.98 | 9.59 |
| 1996 | 8.49 | 12.60 | 5.54 | 7.32 | 11.02 | 4.68 | 14.49 | 22.60 | 8.91 |
| 1997 | 8.62 | 12.71 | 5.63 | 7.17 | 10.81 | 4.51 | 15.70 | 22.37 | 10.94 |
| 1998 | 8.59 | 12.23 | 5.93 | 7.18 | 10.52 | 4.75 | 15.00 | 20.18 | 11.46 |
| 1999 | 8.59 | 12.06 | 6.03 | 7.39 | 10.51 | 5.04 | 13.02 | 18.17 | 9.86 |
| 2000 | 8.12 | 11.74 | 5.43 | 6.81 | 9.90 | 4.47 | 12.87 | 19.87 | 8.19 |
| 2001 | 7.78 | 11.29 | 5.14 | 6.49 | 9.67 | 4.05 | 13.03 | 18.54 | 9.03 |
| 2002 | 7.98 | 11.30 | 5.52 | 6.72 | 9.89 | 4.36 | 13.12 | 15.65 | 11.10 |
| 2003 | 7.81 | 10.87 | 5.49 | 6.59 | 9.32 | 4.45 | 13.44 | 18.50 | 10.08 |
| 2004 | 7.92 | 11.33 | 5.32 | 7.00 | 10.02 | 4.64 | 11.17 | 16.98 | 7.43 |
| 2005 | 7.50 | 10.72 | 5.03 | 6.47 | 9.26 | 4.26 | 11.57 | 18.19 | 7.47 |
| 2006 | 7.61 | 10.71 | 5.21 | 6.55 | 9.35 | 4.32 | 12.60 | 17.25 | 9.27 |
| 2007 | 7.30 | 10.52 | 4.82 | 6.24 | 9.20 | 3.88 | 11.67 | 17.79 | 7.73 |
| 2008 | 7.28 | 10.18 | 5.01 | 6.12 | 8.84 | 3.90 | 13.03 | 18.50 | 9.59 |
| 2009 | 7.46 | 10.49 | 5.13 | 6.32 | 9.24 | 3.98 | 11.61 | 15.31 | 9.40 |
| 2010 | 7.08 | 9.64 | 5.02 | 6.19 | 8.70 | 4.11 | 10.42 | 13.67 | 8.23 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 24.5
Cancer of the Stomach (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 9.06 | 13.12 | 6.07 | 7.91 | 11.60 | 5.18 | 14.31 | 21.00 | 9.74 |
| 1975 | 11.67 | 17.14 | 7.85 | 10.66 | 15.98 | 6.99 | 17.05 | 24.76 | 11.46 |
| 1976 | 12.21 | 17.52 | 8.33 | 11.18 | 15.98 | 7.68 | 15.82 | 23.55 | 10.12 |
| 1977 | 11.54 | 16.58 | 7.87 | 10.34 | 15.02 | 6.98 | 17.34 | 24.68 | 11.63 |
| 1978 | 11.49 | 16.49 | 7.95 | 10.29 | 14.99 | 6.98 | 17.59 | 22.94 | 13.46 |
| 1979 | 12.00 | 17.41 | 8.25 | 10.76 | 15.58 | 7.49 | 18.51 | 28.20 | 11.73 |
| 1980 | 11.29 | 17.13 | 7.17 | 10.32 | 15.68 | 6.56 | 15.12 | 26.32 | 7.32 |
| 1981 | 11.14 | 16.60 | 7.39 | 10.06 | 15.07 | 6.70 | 17.60 | 27.84 | 10.39 |
| 1982 | 10.92 | 16.29 | 7.12 | 9.71 | 14.58 | 6.34 | 19.03 | 31.17 | 10.33 |
| 1983 | 10.95 | 15.86 | 7.46 | 9.54 | 13.69 | 6.60 | 18.01 | 27.78 | 11.16 |
| 1984 | 10.58 | 15.32 | 7.32 | 9.43 | 13.90 | 6.42 | 16.59 | 21.84 | 12.53 |
| 1985 | 10.22 | 15.09 | 6.87 | 8.93 | 13.32 | 5.97 | 16.44 | 23.50 | 11.34 |
| 1986 | 10.21 | 15.01 | 6.81 | 9.06 | 13.53 | 5.88 | 16.47 | 23.17 | 11.88 |
| 1987 | 10.20 | 15.06 | 6.81 | 8.98 | 13.26 | 5.96 | 17.06 | 26.68 | 10.69 |
| 1988 | 10.19 | 15.50 | 6.46 | 8.80 | 13.58 | 5.47 | 16.22 | 24.75 | 10.09 |
| 1989 | 10.00 | 15.15 | 6.33 | 8.73 | 13.47 | 5.35 | 15.78 | 23.16 | 10.66 |
| 1990 | 9.27 | 13.73 | 6.19 | 7.95 | 11.92 | 5.20 | 14.44 | 21.78 | 9.43 |
| 1991 | 9.71 | 14.20 | 6.58 | 8.30 | 12.32 | 5.52 | 16.49 | 25.77 | 10.42 |
| 1992 | 9.20 | 13.37 | 6.16 | 7.97 | 11.68 | 5.25 | 14.02 | 19.90 | 9.84 |
| 1993 | 9.02 | 13.61 | 5.79 | 7.67 | 11.61 | 4.88 | 14.37 | 23.70 | 8.38 |
| 1994 | 9.01 | 13.60 | 5.71 | 7.69 | 11.75 | 4.76 | 15.03 | 24.74 | 8.76 |
| 1995 | 8.34 | 12.58 | 5.23 | 7.24 | 11.23 | 4.34 | 13.41 | 18.97 | 9.58 |
| 1996 | 8.49 | 12.60 | 5.53 | 7.32 | 11.02 | 4.68 | 14.48 | 22.59 | 8.91 |
| 1997 | 8.61 | 12.71 | 5.63 | 7.16 | 10.80 | 4.51 | 15.68 | 22.35 | 10.92 |
| 1998 | 8.58 | 12.22 | 5.93 | 7.17 | 10.52 | 4.75 | 14.98 | 20.16 | 11.45 |
| 1999 | 8.58 | 12.06 | 6.02 | 7.39 | 10.50 | 5.04 | 13.00 | 18.15 | 9.84 |
| 2000 | 8.12 | 11.73 | 5.42 | 6.80 | 9.88 | 4.47 | 12.85 | 19.84 | 8.17 |
| 2001 | 7.78 | 11.28 | 5.13 | 6.48 | 9.66 | 4.04 | 13.00 | 18.51 | 9.01 |
| 2002 | 7.97 | 11.29 | 5.51 | 6.71 | 9.87 | 4.35 | 13.08 | 15.61 | 11.06 |
| 2003 | 7.80 | 10.86 | 5.48 | 6.57 | 9.30 | 4.43 | 13.40 | 18.45 | 10.04 |
| 2004 | 7.90 | 11.31 | 5.31 | 6.97 | 10.00 | 4.62 | 11.13 | 16.92 | 7.39 |
| 2005 | 7.48 | 10.70 | 5.02 | 6.45 | 9.23 | 4.24 | 11.52 | 18.11 | 7.43 |
| 2006 | 7.59 | 10.68 | 5.19 | 6.52 | 9.31 | 4.30 | 12.52 | 17.16 | 9.21 |
| 2007 | 7.27 | 10.48 | 4.79 | 6.20 | 9.15 | 3.85 | 11.58 | 17.68 | 7.67 |
| 2008 | 7.24 | 10.13 | 4.98 | 6.08 | 8.79 | 3.86 | 12.92 | 18.35 | 9.49 |
| 2009 | 7.41 | 10.43 | 5.09 | 6.26 | 9.17 | 3.94 | 11.48 | 15.16 | 9.28 |
| 2010 | 6.97 | 9.51 | 4.93 | 6.07 | 8.54 | 4.01 | 10.17 | 13.38 | 8.02 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 24.6
Cancer of the Stomach (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 5.36 | 7.64 | 3.74 | 4.83 | 6.89 | 3.36 | 9.81 | 14.60 | 6.64 |
| 1975 | 8.51 | 12.27 | 5.94 | 7.93 | 11.37 | 5.62 | 13.87 | 21.05 | 8.61 |
| 1976 | 8.30 | 12.02 | 5.73 | 7.74 | 11.17 | 5.41 | 13.52 | 20.22 | 8.59 |
| 1977 | 7.91 | 11.48 | 5.45 | 7.33 | 10.68 | 5.05 | 13.36 | 19.46 | 9.00 |
| 1978 | 7.73 | 11.02 | 5.46 | 7.19 | 10.24 | 5.12 | 12.61 | 18.67 | 8.31 |
| 1979 | 7.56 | 10.98 | 5.23 | 6.99 | 10.17 | 4.85 | 12.86 | 18.73 | 8.71 |
| 1980 | 7.36 | 10.57 | 5.15 | 6.82 | 9.76 | 4.80 | 12.16 | 18.27 | 7.96 |
| 1981 | 7.25 | 10.58 | 4.98 | 6.68 | 9.80 | 4.56 | 12.48 | 18.06 | 8.60 |
| 1982 | 7.02 | 10.26 | 4.86 | 6.46 | 9.37 | 4.53 | 12.17 | 19.24 | 7.44 |
| 1983 | 6.83 | 9.90 | 4.76 | 6.24 | 9.02 | 4.38 | 12.27 | 18.39 | 8.08 |
| 1984 | 6.78 | 9.89 | 4.68 | 6.21 | 9.07 | 4.28 | 11.92 | 17.95 | 7.93 |
| 1985 | 6.51 | 9.54 | 4.44 | 5.96 | 8.75 | 4.07 | 11.54 | 17.03 | 7.82 |
| 1986 | 6.36 | 9.44 | 4.24 | 5.77 | 8.58 | 3.83 | 11.39 | 17.39 | 7.42 |
| 1987 | 6.18 | 9.11 | 4.18 | 5.62 | 8.32 | 3.77 | 11.29 | 16.97 | 7.55 |
| 1988 | 6.08 | 8.81 | 4.17 | 5.51 | 7.92 | 3.82 | 11.05 | 17.02 | 7.07 |
| 1989 | 6.21 | 9.18 | 4.16 | 5.60 | 8.28 | 3.77 | 11.49 | 17.73 | 7.33 |
| 1990 | 6.07 | 8.86 | 4.16 | 5.45 | 7.95 | 3.73 | 11.46 | 17.24 | 7.71 |
| 1991 | 6.00 | 8.86 | 4.01 | 5.39 | 7.97 | 3.59 | 11.55 | 17.64 | 7.55 |
| 1992 | 5.63 | 8.14 | 3.90 | 5.01 | 7.30 | 3.43 | 10.71 | 15.55 | 7.53 |
| 1993 | 5.62 | 8.19 | 3.83 | 5.03 | 7.34 | 3.41 | 10.70 | 16.26 | 7.11 |
| 1994 | 5.41 | 7.87 | 3.70 | 4.81 | 7.04 | 3.26 | 10.26 | 15.37 | 6.97 |
| 1995 | 5.35 | 7.70 | 3.71 | 4.72 | 6.89 | 3.21 | 10.36 | 14.89 | 7.37 |
| 1996 | 5.13 | 7.43 | 3.54 | 4.53 | 6.60 | 3.10 | 9.99 | 15.09 | 6.80 |
| 1997 | 4.94 | 7.16 | 3.37 | 4.34 | 6.33 | 2.92 | 9.66 | 14.64 | 6.50 |
| 1998 | 4.81 | 6.83 | 3.39 | 4.25 | 6.06 | 2.97 | 9.29 | 13.72 | 6.42 |
| 1999 | 4.64 | 6.59 | 3.25 | 4.05 | 5.78 | 2.79 | 9.25 | 13.73 | 6.47 |
| 2000 | 4.55 | 6.38 | 3.24 | 3.97 | 5.63 | 2.79 | 8.95 | 12.77 | 6.49 |
| 2001 | 4.37 | 6.11 | 3.10 | 3.84 | 5.39 | 2.70 | 8.32 | 12.06 | 5.86 |
| 2002 | 4.26 | 5.98 | 3.01 | 3.71 | 5.29 | 2.56 | 8.48 | 12.20 | 6.15 |
| 2003 | 4.15 | 5.75 | 2.98 | 3.65 | 5.05 | 2.60 | 7.89 | 11.56 | 5.48 |
| 2004 | 4.01 | 5.59 | 2.87 | 3.52 | 4.91 | 2.50 | 7.61 | 11.31 | 5.26 |
| 2005 | 3.82 | 5.29 | 2.74 | 3.32 | 4.59 | 2.38 | 7.29 | 10.89 | 5.02 |
| 2006 | 3.69 | 5.08 | 2.68 | 3.22 | 4.47 | 2.29 | 6.90 | 9.97 | 4.96 |
| 2007 | 3.64 | 5.05 | 2.60 | 3.17 | 4.39 | 2.24 | 6.94 | 10.52 | 4.69 |
| 2008 | 3.55 | 4.87 | 2.52 | 3.07 | 4.23 | 2.16 | 6.91 | 10.03 | 4.90 |
| 2009 | 3.43 | 4.71 | 2.45 | 2.98 | 4.09 | 2.11 | 6.41 | 9.41 | 4.41 |
| 2010 | 3.42 | 4.64 | 2.49 | 2.99 | 4.03 | 2.19 | 6.33 | 9.33 | 4.37 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 25.4
Cancer of the Testis (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Age

| Year of Diagnosis: | All Races, Males | | | White Males | | | Black Males | | |
|--------------------|------------------|------|------|-------------|------|------|-------------|------|-----|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975 | 3.73 | 4.23 | 2.41 | 4.16 | 4.74 | 2.65 | - | - | - |
| 1976 | 3.44 | 4.18 | 1.51 | 3.77 | 4.56 | 1.72 | - | - | - |
| 1977 | 4.30 | 5.09 | 2.24 | 4.88 | 5.82 | 2.41 | - | - | - |
| 1978 | 3.58 | 4.25 | 1.84 | 3.96 | 4.66 | 2.11 | - | - | - |
| 1979 | 3.88 | 4.54 | 2.15 | 4.33 | 5.10 | 2.31 | - | - | - |
| 1980 | 4.35 | 5.28 | 1.89 | 4.90 | 5.96 | 2.11 | - | - | - |
| 1981 | 4.22 | 5.12 | 1.85 | 4.77 | 5.79 | 2.07 | - | - | - |
| 1982 | 4.40 | 5.23 | 2.25 | 5.01 | 5.99 | 2.44 | - | - | - |
| 1983 | 4.59 | 5.50 | 2.21 | 5.24 | 6.31 | 2.43 | - | - | - |
| 1984 | 4.40 | 5.37 | 1.86 | 5.05 | 6.18 | 2.09 | - | - | - |
| 1985 | 4.47 | 5.48 | 1.83 | 5.14 | 6.32 | 2.05 | - | - | - |
| 1986 | 4.82 | 5.83 | 2.17 | 5.58 | 6.79 | 2.39 | - | - | - |
| 1987 | 5.06 | 6.27 | 1.86 | 5.70 | 7.14 | 1.95 | - | - | - |
| 1988 | 4.63 | 5.84 | 1.46 | 5.46 | 6.89 | 1.72 | - | - | - |
| 1989 | 5.48 | 6.72 | 2.24 | 6.33 | 7.80 | 2.47 | - | - | - |
| 1990 | 5.10 | 6.27 | 2.02 | 6.00 | 7.41 | 2.31 | - | - | - |
| 1991 | 5.10 | 6.24 | 2.12 | 5.75 | 7.07 | 2.31 | - | - | - |
| 1992 | 5.15 | 6.45 | 1.77 | 6.10 | 7.67 | 1.97 | - | - | - |
| 1993 | 5.08 | 6.38 | 1.66 | 6.01 | 7.56 | 1.94 | - | - | - |
| 1994 | 5.47 | 6.75 | 2.12 | 6.29 | 7.81 | 2.31 | 1.24 | 1.55 | - |
| 1995 | 4.56 | 5.59 | 1.88 | 5.26 | 6.46 | 2.12 | 1.47 | 1.88 | - |
| 1996 | 5.26 | 6.61 | 1.73 | 6.21 | 7.86 | 1.89 | - | - | - |
| 1997 | 5.40 | 6.52 | 2.47 | 6.36 | 7.76 | 2.69 | 1.28 | - | - |
| 1998 | 5.61 | 7.13 | 1.63 | 6.62 | 8.46 | 1.79 | 1.53 | 1.98 | - |
| 1999 | 5.46 | 6.86 | 1.82 | 6.36 | 8.01 | 2.03 | 1.73 | 2.03 | - |
| 2000 | 5.75 | 7.18 | 1.99 | 6.77 | 8.46 | 2.34 | 1.53 | 1.88 | - |
| 2001 | 5.53 | 6.86 | 2.05 | 6.54 | 8.19 | 2.25 | 1.69 | 1.84 | - |
| 2002 | 5.81 | 7.27 | 1.99 | 6.98 | 8.75 | 2.35 | 1.40 | 1.83 | - |
| 2003 | 5.35 | 6.69 | 1.84 | 6.51 | 8.23 | 1.99 | 1.16 | - | - |
| 2004 | 5.97 | 7.38 | 2.28 | 7.37 | 9.18 | 2.64 | 1.07 | - | - |
| 2005 | 6.04 | 7.53 | 2.13 | 7.29 | 9.19 | 2.31 | 1.04 | 1.34 | - |
| 2006 | 5.67 | 7.03 | 2.11 | 6.81 | 8.49 | 2.43 | 1.64 | 1.74 | - |
| 2007 | 6.05 | 7.48 | 2.33 | 7.26 | 9.02 | 2.66 | 1.50 | 1.59 | - |
| 2008 | 6.12 | 7.41 | 2.75 | 7.43 | 9.11 | 3.04 | 1.47 | 1.78 | - |
| 2009 | 6.06 | 7.49 | 2.32 | 7.27 | 9.11 | 2.47 | 1.73 | 1.75 | - |
| 2010 | 5.87 | 7.16 | 2.48 | 6.95 | 8.52 | 2.83 | 1.70 | 1.92 | - |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 25.5
Cancer of the Testis (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Age

| | All Races, Males | | | White Males | | | Black Males | | |
|--------------------|------------------|------|------|-------------|------|------|-------------|------|------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| Year of Diagnosis: | | | | | | | | | |
| 1975-2010 | 5.15 | 6.32 | 2.06 | 5.97 | 7.38 | 2.29 | 1.19 | 1.36 | 0.73 |
| 1975 | 3.73 | 4.23 | 2.41 | 4.16 | 4.74 | 2.65 | - | - | - |
| 1976 | 3.44 | 4.18 | 1.51 | 3.77 | 4.56 | 1.72 | - | - | - |
| 1977 | 4.30 | 5.09 | 2.24 | 4.88 | 5.82 | 2.41 | - | - | - |
| 1978 | 3.58 | 4.25 | 1.84 | 3.96 | 4.66 | 2.11 | - | - | - |
| 1979 | 3.88 | 4.54 | 2.15 | 4.33 | 5.10 | 2.31 | - | - | - |
| 1980 | 4.35 | 5.28 | 1.89 | 4.90 | 5.96 | 2.11 | - | - | - |
| 1981 | 4.22 | 5.12 | 1.85 | 4.77 | 5.79 | 2.07 | - | - | - |
| 1982 | 4.40 | 5.23 | 2.25 | 5.01 | 5.99 | 2.44 | - | - | - |
| 1983 | 4.59 | 5.50 | 2.21 | 5.23 | 6.30 | 2.43 | - | - | - |
| 1984 | 4.40 | 5.36 | 1.86 | 5.04 | 6.17 | 2.08 | - | - | - |
| 1985 | 4.47 | 5.47 | 1.83 | 5.14 | 6.32 | 2.05 | - | - | - |
| 1986 | 4.82 | 5.83 | 2.17 | 5.57 | 6.79 | 2.39 | - | - | - |
| 1987 | 5.05 | 6.27 | 1.86 | 5.70 | 7.13 | 1.94 | - | - | - |
| 1988 | 4.63 | 5.83 | 1.46 | 5.45 | 6.88 | 1.72 | - | - | - |
| 1989 | 5.48 | 6.71 | 2.24 | 6.32 | 7.79 | 2.46 | - | - | - |
| 1990 | 5.09 | 6.27 | 2.02 | 5.99 | 7.40 | 2.30 | - | - | - |
| 1991 | 5.10 | 6.24 | 2.12 | 5.75 | 7.06 | 2.31 | - | - | - |
| 1992 | 5.15 | 6.44 | 1.76 | 6.09 | 7.66 | 1.97 | - | - | - |
| 1993 | 5.07 | 6.38 | 1.65 | 5.99 | 7.55 | 1.93 | - | - | - |
| 1994 | 5.47 | 6.75 | 2.12 | 6.28 | 7.79 | 2.30 | 1.23 | 1.54 | - |
| 1995 | 4.56 | 5.58 | 1.88 | 5.25 | 6.45 | 2.11 | 1.46 | 1.87 | - |
| 1996 | 5.25 | 6.60 | 1.73 | 6.20 | 7.85 | 1.89 | - | - | - |
| 1997 | 5.40 | 6.52 | 2.46 | 6.35 | 7.74 | 2.68 | 1.27 | - | - |
| 1998 | 5.60 | 7.12 | 1.62 | 6.60 | 8.44 | 1.79 | 1.52 | 1.97 | - |
| 1999 | 5.45 | 6.84 | 1.81 | 6.34 | 7.99 | 2.02 | 1.71 | 2.02 | - |
| 2000 | 5.74 | 7.17 | 1.99 | 6.74 | 8.43 | 2.33 | 1.52 | 1.86 | - |
| 2001 | 5.52 | 6.85 | 2.04 | 6.52 | 8.15 | 2.24 | 1.68 | 1.83 | - |
| 2002 | 5.80 | 7.25 | 1.98 | 6.96 | 8.72 | 2.34 | 1.39 | 1.80 | - |
| 2003 | 5.34 | 6.68 | 1.83 | 6.48 | 8.19 | 1.98 | 1.14 | - | - |
| 2004 | 5.96 | 7.36 | 2.27 | 7.34 | 9.14 | 2.63 | 1.05 | - | - |
| 2005 | 6.02 | 7.51 | 2.13 | 7.25 | 9.14 | 2.30 | 1.02 | 1.32 | - |
| 2006 | 5.65 | 7.01 | 2.10 | 6.78 | 8.44 | 2.42 | 1.62 | 1.71 | - |
| 2007 | 6.03 | 7.45 | 2.32 | 7.22 | 8.97 | 2.64 | 1.48 | 1.56 | - |
| 2008 | 6.10 | 7.38 | 2.73 | 7.38 | 9.04 | 3.02 | 1.45 | 1.74 | - |
| 2009 | 6.03 | 7.45 | 2.31 | 7.21 | 9.02 | 2.45 | 1.70 | 1.71 | - |
| 2010 | 5.81 | 7.09 | 2.46 | 6.84 | 8.38 | 2.79 | 1.64 | 1.85 | - |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 25.6
Cancer of the Testis (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Age

| Year of Death: | All Races, Males | | | White Males | | | Black Males | | |
|----------------|------------------|------|------|-------------|------|------|-------------|------|------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| 1975-2010 | 0.33 | 0.33 | 0.33 | 0.36 | 0.37 | 0.35 | 0.17 | 0.14 | 0.24 |
| 1975 | 0.74 | 0.75 | 0.72 | 0.81 | 0.83 | 0.76 | 0.20 | - | - |
| 1976 | 0.71 | 0.72 | 0.69 | 0.77 | 0.80 | 0.69 | 0.36 | 0.21 | - |
| 1977 | 0.65 | 0.66 | 0.60 | 0.71 | 0.73 | 0.65 | 0.20 | - | - |
| 1978 | 0.56 | 0.57 | 0.53 | 0.60 | 0.61 | 0.57 | 0.22 | 0.22 | - |
| 1979 | 0.52 | 0.49 | 0.59 | 0.54 | 0.52 | 0.60 | 0.38 | 0.29 | - |
| 1980 | 0.45 | 0.44 | 0.47 | 0.49 | 0.49 | 0.50 | 0.18 | - | - |
| 1981 | 0.37 | 0.38 | 0.36 | 0.40 | 0.41 | 0.36 | 0.23 | - | - |
| 1982 | 0.40 | 0.39 | 0.42 | 0.43 | 0.43 | 0.44 | 0.19 | - | - |
| 1983 | 0.39 | 0.37 | 0.44 | 0.41 | 0.40 | 0.44 | 0.23 | 0.18 | - |
| 1984 | 0.35 | 0.33 | 0.39 | 0.37 | 0.36 | 0.40 | 0.19 | - | - |
| 1985 | 0.36 | 0.34 | 0.40 | 0.39 | 0.38 | 0.40 | 0.20 | - | - |
| 1986 | 0.32 | 0.32 | 0.34 | 0.35 | 0.35 | 0.35 | 0.17 | - | - |
| 1987 | 0.34 | 0.35 | 0.32 | 0.37 | 0.38 | 0.33 | 0.19 | 0.15 | - |
| 1988 | 0.32 | 0.29 | 0.40 | 0.35 | 0.32 | 0.42 | 0.16 | - | - |
| 1989 | 0.32 | 0.31 | 0.33 | 0.34 | 0.34 | 0.33 | 0.23 | 0.19 | - |
| 1990 | 0.27 | 0.30 | 0.21 | 0.30 | 0.33 | 0.22 | - | - | - |
| 1991 | 0.29 | 0.29 | 0.28 | 0.31 | 0.32 | 0.29 | 0.15 | - | - |
| 1992 | 0.28 | 0.28 | 0.30 | 0.31 | 0.31 | 0.32 | 0.14 | 0.15 | - |
| 1993 | 0.30 | 0.29 | 0.30 | 0.33 | 0.33 | 0.32 | 0.17 | 0.14 | - |
| 1994 | 0.27 | 0.28 | 0.23 | 0.29 | 0.31 | 0.24 | 0.14 | 0.14 | - |
| 1995 | 0.24 | 0.24 | 0.23 | 0.26 | 0.27 | 0.25 | - | - | - |
| 1996 | 0.26 | 0.26 | 0.27 | 0.29 | 0.29 | 0.29 | 0.12 | - | - |
| 1997 | 0.24 | 0.24 | 0.25 | 0.26 | 0.26 | 0.27 | 0.16 | 0.18 | - |
| 1998 | 0.28 | 0.27 | 0.29 | 0.30 | 0.30 | 0.30 | 0.20 | 0.13 | - |
| 1999 | 0.28 | 0.28 | 0.26 | 0.31 | 0.32 | 0.28 | 0.14 | 0.14 | - |
| 2000 | 0.25 | 0.25 | 0.23 | 0.27 | 0.28 | 0.24 | 0.16 | 0.16 | - |
| 2001 | 0.24 | 0.24 | 0.25 | 0.26 | 0.27 | 0.25 | 0.16 | - | - |
| 2002 | 0.28 | 0.27 | 0.33 | 0.31 | 0.30 | 0.34 | 0.17 | 0.16 | - |
| 2003 | 0.25 | 0.24 | 0.28 | 0.27 | 0.27 | 0.29 | 0.18 | 0.12 | - |
| 2004 | 0.25 | 0.25 | 0.25 | 0.28 | 0.28 | 0.27 | 0.15 | 0.15 | - |
| 2005 | 0.25 | 0.24 | 0.28 | 0.27 | 0.26 | 0.29 | 0.19 | 0.18 | - |
| 2006 | 0.25 | 0.24 | 0.27 | 0.27 | 0.26 | 0.30 | 0.13 | 0.15 | - |
| 2007 | 0.22 | 0.22 | 0.24 | 0.25 | 0.25 | 0.25 | 0.12 | - | - |
| 2008 | 0.24 | 0.23 | 0.29 | 0.26 | 0.25 | 0.31 | 0.14 | 0.12 | - |
| 2009 | 0.25 | 0.23 | 0.30 | 0.29 | 0.27 | 0.34 | - | - | - |
| 2010 | 0.26 | 0.26 | 0.27 | 0.30 | 0.31 | 0.29 | 0.14 | - | - |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 26.4
Cancer of the Thyroid (Invasive)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 4.85 | 3.14 | 6.45 | 4.66 | 2.79 | 6.37 | 2.97 | - | 4.21 |
| 1976 | 4.79 | 2.94 | 6.57 | 4.68 | 2.88 | 6.41 | 3.37 | - | 5.00 |
| 1977 | 5.44 | 3.50 | 7.32 | 5.35 | 3.44 | 7.21 | 3.74 | - | 5.40 |
| 1978 | 5.09 | 3.14 | 6.94 | 4.95 | 2.97 | 6.83 | 2.92 | - | 4.00 |
| 1979 | 4.48 | 2.67 | 6.17 | 4.45 | 2.58 | 6.21 | 3.24 | - | 4.30 |
| 1980 | 4.33 | 2.39 | 6.15 | 4.30 | 2.28 | 6.21 | 2.37 | - | 3.43 |
| 1981 | 4.42 | 2.52 | 6.23 | 4.38 | 2.48 | 6.26 | 2.38 | - | 3.41 |
| 1982 | 4.63 | 3.00 | 6.15 | 4.55 | 2.87 | 6.13 | 3.29 | - | 4.35 |
| 1983 | 4.71 | 2.80 | 6.50 | 4.74 | 2.61 | 6.73 | 3.02 | 2.15 | 3.77 |
| 1984 | 4.85 | 2.66 | 6.92 | 4.73 | 2.58 | 6.81 | 3.02 | - | 4.08 |
| 1985 | 5.13 | 3.09 | 7.09 | 5.08 | 3.09 | 7.05 | 2.87 | - | 3.66 |
| 1986 | 5.33 | 3.07 | 7.50 | 5.25 | 3.11 | 7.35 | 3.35 | - | 5.10 |
| 1987 | 5.05 | 2.81 | 7.14 | 5.04 | 2.86 | 7.08 | 2.82 | - | 4.30 |
| 1988 | 4.94 | 2.94 | 6.89 | 4.90 | 3.00 | 6.80 | 2.53 | - | 3.21 |
| 1989 | 5.37 | 2.98 | 7.65 | 5.47 | 3.21 | 7.72 | 2.51 | - | 3.93 |
| 1990 | 5.51 | 2.94 | 7.97 | 5.58 | 2.99 | 8.12 | 3.77 | 2.28 | 4.92 |
| 1991 | 5.50 | 3.19 | 7.70 | 5.69 | 3.31 | 8.01 | 3.23 | 2.08 | 4.21 |
| 1992 | 5.88 | 3.53 | 8.12 | 5.90 | 3.54 | 8.19 | 4.22 | 3.10 | 5.14 |
| 1993 | 5.65 | 3.59 | 7.65 | 5.76 | 3.69 | 7.81 | 3.39 | 2.08 | 4.57 |
| 1994 | 6.09 | 3.39 | 8.75 | 6.24 | 3.44 | 9.03 | 3.77 | 1.79 | 5.37 |
| 1995 | 6.24 | 3.37 | 9.01 | 6.43 | 3.61 | 9.25 | 3.10 | - | 4.57 |
| 1996 | 6.53 | 3.48 | 9.51 | 6.73 | 3.63 | 9.84 | 3.85 | - | 5.78 |
| 1997 | 6.79 | 3.67 | 9.80 | 7.07 | 3.79 | 10.34 | 4.00 | 2.46 | 5.27 |
| 1998 | 7.00 | 3.71 | 10.14 | 7.23 | 3.96 | 10.45 | 3.87 | 1.51 | 5.82 |
| 1999 | 7.35 | 3.88 | 10.69 | 7.59 | 4.10 | 11.02 | 4.64 | 1.61 | 7.11 |
| 2000 | 7.62 | 4.04 | 11.12 | 8.08 | 4.39 | 11.81 | 4.60 | 2.20 | 6.59 |
| 2001 | 8.32 | 4.34 | 12.19 | 8.71 | 4.64 | 12.82 | 4.94 | 2.55 | 6.87 |
| 2002 | 9.25 | 4.94 | 13.46 | 9.79 | 5.27 | 14.34 | 5.51 | 2.81 | 7.70 |
| 2003 | 9.67 | 4.73 | 14.48 | 10.41 | 5.10 | 15.73 | 5.36 | 2.85 | 7.59 |
| 2004 | 10.17 | 5.26 | 14.96 | 10.89 | 5.61 | 16.22 | 6.45 | 3.43 | 8.95 |
| 2005 | 11.02 | 5.84 | 16.04 | 12.01 | 6.52 | 17.51 | 5.91 | 2.80 | 8.62 |
| 2006 | 11.37 | 5.89 | 16.68 | 12.28 | 6.47 | 18.12 | 6.62 | 3.06 | 9.49 |
| 2007 | 12.46 | 6.14 | 18.61 | 13.36 | 6.61 | 20.17 | 7.41 | 3.23 | 10.84 |
| 2008 | 13.32 | 6.67 | 19.78 | 14.36 | 7.17 | 21.60 | 7.09 | 4.47 | 9.55 |
| 2009 | 14.50 | 7.08 | 21.64 | 15.60 | 7.76 | 23.42 | 8.72 | 3.34 | 13.37 |
| 2010 | 14.05 | 6.73 | 21.15 | 14.89 | 7.35 | 22.49 | 8.71 | 3.69 | 12.91 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at <http://surveillance.cancer.gov/delay/>.

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 26.5
Cancer of the Thyroid (Invasive)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 7.54 | 4.07 | 10.87 | 7.70 | 4.21 | 11.14 | 4.62 | 2.28 | 6.58 |
| 1975 | 4.85 | 3.14 | 6.45 | 4.66 | 2.79 | 6.37 | 2.97 | - | 4.21 |
| 1976 | 4.79 | 2.94 | 6.57 | 4.68 | 2.88 | 6.41 | 3.37 | - | 5.00 |
| 1977 | 5.44 | 3.50 | 7.32 | 5.35 | 3.44 | 7.21 | 3.74 | - | 5.40 |
| 1978 | 5.09 | 3.14 | 6.94 | 4.95 | 2.97 | 6.83 | 2.92 | - | 4.00 |
| 1979 | 4.48 | 2.67 | 6.17 | 4.45 | 2.58 | 6.21 | 3.24 | - | 4.30 |
| 1980 | 4.33 | 2.39 | 6.15 | 4.30 | 2.28 | 6.21 | 2.37 | - | 3.43 |
| 1981 | 4.42 | 2.52 | 6.23 | 4.38 | 2.48 | 6.26 | 2.38 | - | 3.41 |
| 1982 | 4.63 | 3.00 | 6.15 | 4.55 | 2.87 | 6.13 | 3.29 | - | 4.34 |
| 1983 | 4.71 | 2.80 | 6.50 | 4.74 | 2.61 | 6.72 | 3.02 | 2.15 | 3.77 |
| 1984 | 4.85 | 2.65 | 6.92 | 4.73 | 2.58 | 6.80 | 3.02 | - | 4.08 |
| 1985 | 5.13 | 3.09 | 7.09 | 5.08 | 3.09 | 7.04 | 2.86 | - | 3.66 |
| 1986 | 5.32 | 3.07 | 7.49 | 5.24 | 3.10 | 7.34 | 3.35 | - | 5.09 |
| 1987 | 5.05 | 2.81 | 7.13 | 5.03 | 2.86 | 7.07 | 2.82 | - | 4.30 |
| 1988 | 4.94 | 2.94 | 6.89 | 4.90 | 3.00 | 6.79 | 2.53 | - | 3.21 |
| 1989 | 5.36 | 2.98 | 7.65 | 5.47 | 3.21 | 7.71 | 2.51 | - | 3.92 |
| 1990 | 5.50 | 2.93 | 7.96 | 5.57 | 2.99 | 8.11 | 3.76 | 2.28 | 4.91 |
| 1991 | 5.49 | 3.19 | 7.69 | 5.68 | 3.31 | 8.00 | 3.22 | 2.07 | 4.20 |
| 1992 | 5.88 | 3.52 | 8.11 | 5.89 | 3.53 | 8.18 | 4.20 | 3.09 | 5.13 |
| 1993 | 5.64 | 3.58 | 7.64 | 5.75 | 3.68 | 7.79 | 3.38 | 2.07 | 4.56 |
| 1994 | 6.08 | 3.38 | 8.74 | 6.22 | 3.43 | 9.01 | 3.75 | 1.78 | 5.35 |
| 1995 | 6.22 | 3.37 | 9.00 | 6.42 | 3.60 | 9.22 | 3.09 | - | 4.55 |
| 1996 | 6.51 | 3.47 | 9.48 | 6.71 | 3.62 | 9.81 | 3.83 | - | 5.75 |
| 1997 | 6.77 | 3.66 | 9.78 | 7.04 | 3.77 | 10.31 | 3.98 | 2.44 | 5.24 |
| 1998 | 6.98 | 3.71 | 10.12 | 7.20 | 3.94 | 10.42 | 3.85 | 1.50 | 5.79 |
| 1999 | 7.33 | 3.86 | 10.66 | 7.55 | 4.08 | 10.98 | 4.61 | 1.60 | 7.06 |
| 2000 | 7.60 | 4.03 | 11.08 | 8.04 | 4.37 | 11.76 | 4.57 | 2.18 | 6.55 |
| 2001 | 8.28 | 4.32 | 12.15 | 8.66 | 4.61 | 12.75 | 4.89 | 2.52 | 6.82 |
| 2002 | 9.21 | 4.92 | 13.40 | 9.72 | 5.23 | 14.25 | 5.46 | 2.78 | 7.63 |
| 2003 | 9.63 | 4.71 | 14.41 | 10.33 | 5.05 | 15.62 | 5.30 | 2.82 | 7.51 |
| 2004 | 10.11 | 5.23 | 14.88 | 10.80 | 5.55 | 16.09 | 6.37 | 3.39 | 8.85 |
| 2005 | 10.95 | 5.80 | 15.94 | 11.90 | 6.45 | 17.36 | 5.83 | 2.76 | 8.51 |
| 2006 | 11.29 | 5.85 | 16.56 | 12.15 | 6.40 | 17.94 | 6.52 | 3.01 | 9.36 |
| 2007 | 12.37 | 6.09 | 18.46 | 13.21 | 6.52 | 19.95 | 7.29 | 3.17 | 10.67 |
| 2008 | 13.21 | 6.62 | 19.61 | 14.17 | 7.06 | 21.33 | 6.96 | 4.37 | 9.38 |
| 2009 | 14.35 | 7.01 | 21.43 | 15.37 | 7.62 | 23.09 | 8.55 | 3.26 | 13.11 |
| 2010 | 13.83 | 6.62 | 20.81 | 14.55 | 7.16 | 21.99 | 8.44 | 3.56 | 12.53 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 26.6
Cancer of the Thyroid (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 0.48 | 0.43 | 0.50 | 0.47 | 0.44 | 0.49 | 0.47 | 0.34 | 0.55 |
| 1975 | 0.55 | 0.39 | 0.65 | 0.55 | 0.40 | 0.65 | 0.47 | 0.35 | 0.56 |
| 1976 | 0.56 | 0.49 | 0.61 | 0.56 | 0.49 | 0.60 | 0.52 | 0.42 | 0.60 |
| 1977 | 0.57 | 0.46 | 0.63 | 0.56 | 0.46 | 0.62 | 0.67 | 0.53 | 0.74 |
| 1978 | 0.55 | 0.44 | 0.61 | 0.55 | 0.45 | 0.61 | 0.48 | 0.33 | 0.60 |
| 1979 | 0.53 | 0.43 | 0.58 | 0.53 | 0.45 | 0.58 | 0.47 | 0.28 | 0.60 |
| 1980 | 0.48 | 0.38 | 0.53 | 0.49 | 0.40 | 0.54 | 0.42 | 0.29 | 0.51 |
| 1981 | 0.50 | 0.42 | 0.55 | 0.50 | 0.43 | 0.54 | 0.48 | 0.26 | 0.62 |
| 1982 | 0.48 | 0.37 | 0.53 | 0.47 | 0.37 | 0.53 | 0.48 | 0.38 | 0.54 |
| 1983 | 0.44 | 0.34 | 0.50 | 0.45 | 0.35 | 0.50 | 0.41 | 0.28 | 0.49 |
| 1984 | 0.47 | 0.38 | 0.52 | 0.47 | 0.39 | 0.51 | 0.47 | - | 0.64 |
| 1985 | 0.45 | 0.39 | 0.48 | 0.44 | 0.39 | 0.46 | 0.49 | 0.34 | 0.58 |
| 1986 | 0.46 | 0.39 | 0.49 | 0.45 | 0.39 | 0.49 | 0.48 | 0.34 | 0.57 |
| 1987 | 0.45 | 0.40 | 0.48 | 0.45 | 0.41 | 0.47 | 0.48 | 0.33 | 0.58 |
| 1988 | 0.44 | 0.41 | 0.45 | 0.44 | 0.42 | 0.44 | 0.44 | 0.33 | 0.50 |
| 1989 | 0.44 | 0.41 | 0.44 | 0.43 | 0.41 | 0.43 | 0.51 | 0.40 | 0.56 |
| 1990 | 0.44 | 0.37 | 0.48 | 0.44 | 0.38 | 0.47 | 0.45 | 0.30 | 0.54 |
| 1991 | 0.43 | 0.38 | 0.46 | 0.42 | 0.39 | 0.43 | 0.50 | 0.37 | 0.58 |
| 1992 | 0.46 | 0.38 | 0.50 | 0.46 | 0.39 | 0.48 | 0.41 | 0.30 | 0.48 |
| 1993 | 0.46 | 0.39 | 0.50 | 0.46 | 0.40 | 0.48 | 0.46 | 0.26 | 0.58 |
| 1994 | 0.42 | 0.38 | 0.44 | 0.42 | 0.38 | 0.44 | 0.37 | 0.30 | 0.40 |
| 1995 | 0.44 | 0.41 | 0.44 | 0.44 | 0.43 | 0.44 | 0.40 | 0.27 | 0.46 |
| 1996 | 0.45 | 0.42 | 0.47 | 0.45 | 0.43 | 0.46 | 0.44 | 0.33 | 0.49 |
| 1997 | 0.46 | 0.45 | 0.46 | 0.45 | 0.45 | 0.44 | 0.49 | 0.37 | 0.55 |
| 1998 | 0.44 | 0.38 | 0.47 | 0.43 | 0.39 | 0.45 | 0.43 | 0.27 | 0.53 |
| 1999 | 0.45 | 0.44 | 0.45 | 0.45 | 0.45 | 0.44 | 0.44 | 0.39 | 0.47 |
| 2000 | 0.48 | 0.47 | 0.48 | 0.47 | 0.48 | 0.45 | 0.51 | 0.34 | 0.59 |
| 2001 | 0.48 | 0.47 | 0.48 | 0.47 | 0.48 | 0.46 | 0.51 | 0.41 | 0.58 |
| 2002 | 0.48 | 0.45 | 0.48 | 0.48 | 0.46 | 0.48 | 0.48 | 0.39 | 0.52 |
| 2003 | 0.45 | 0.43 | 0.46 | 0.46 | 0.45 | 0.46 | 0.38 | 0.29 | 0.44 |
| 2004 | 0.48 | 0.47 | 0.47 | 0.48 | 0.48 | 0.47 | 0.45 | 0.40 | 0.48 |
| 2005 | 0.48 | 0.48 | 0.49 | 0.48 | 0.50 | 0.46 | 0.51 | 0.30 | 0.64 |
| 2006 | 0.49 | 0.46 | 0.51 | 0.50 | 0.48 | 0.50 | 0.47 | 0.28 | 0.60 |
| 2007 | 0.50 | 0.51 | 0.48 | 0.48 | 0.51 | 0.46 | 0.50 | 0.40 | 0.56 |
| 2008 | 0.52 | 0.50 | 0.52 | 0.52 | 0.52 | 0.51 | 0.46 | 0.40 | 0.51 |
| 2009 | 0.52 | 0.51 | 0.52 | 0.51 | 0.52 | 0.50 | 0.57 | 0.41 | 0.66 |
| 2010 | 0.51 | 0.50 | 0.51 | 0.50 | 0.51 | 0.48 | 0.49 | 0.45 | 0.53 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 27.4
Cancer of the Urinary Bladder (Invasive and *In Situ*)

Delay-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975 | 19.32 | 34.37 | 8.88 | 20.23 | 36.39 | 9.17 | 10.56 | 16.34 | 6.26 |
| 1976 | 19.69 | 34.39 | 9.44 | 20.73 | 36.70 | 9.73 | 12.48 | 18.16 | 8.59 |
| 1977 | 18.99 | 33.40 | 8.88 | 20.01 | 35.61 | 9.18 | 13.45 | 22.67 | 7.06 |
| 1978 | 19.99 | 35.36 | 9.44 | 21.07 | 37.83 | 9.74 | 11.73 | 19.36 | 6.39 |
| 1979 | 19.98 | 35.35 | 9.39 | 21.30 | 38.19 | 9.84 | 10.35 | 15.61 | 6.54 |
| 1980 | 20.41 | 37.14 | 8.91 | 21.52 | 39.81 | 9.06 | 13.33 | 18.23 | 9.98 |
| 1981 | 20.70 | 36.36 | 9.75 | 21.95 | 38.77 | 10.31 | 11.60 | 20.72 | 5.48 |
| 1982 | 20.08 | 35.79 | 9.52 | 21.38 | 38.31 | 10.15 | 12.19 | 21.78 | 5.60 |
| 1983 | 20.05 | 36.00 | 9.01 | 21.32 | 38.71 | 9.41 | 12.17 | 18.71 | 7.57 |
| 1984 | 20.87 | 37.73 | 9.19 | 22.36 | 40.91 | 9.64 | 11.49 | 18.93 | 6.24 |
| 1985 | 20.69 | 36.40 | 9.88 | 22.13 | 39.34 | 10.37 | 13.07 | 20.34 | 8.14 |
| 1986 | 21.05 | 37.95 | 9.44 | 22.46 | 40.85 | 9.97 | 12.94 | 22.17 | 6.64 |
| 1987 | 21.66 | 39.53 | 9.24 | 23.18 | 42.84 | 9.58 | 13.23 | 21.79 | 7.41 |
| 1988 | 20.86 | 38.10 | 9.00 | 22.73 | 41.87 | 9.69 | 11.30 | 18.00 | 6.45 |
| 1989 | 21.05 | 37.45 | 9.65 | 22.76 | 40.96 | 10.21 | 11.38 | 17.62 | 7.17 |
| 1990 | 21.09 | 37.51 | 9.64 | 22.65 | 40.81 | 10.04 | 12.70 | 18.61 | 8.75 |
| 1991 | 20.94 | 37.66 | 9.35 | 22.74 | 41.32 | 9.91 | 12.88 | 19.59 | 8.51 |
| 1992 | 21.28 | 37.58 | 9.82 | 22.99 | 40.81 | 10.52 | 12.50 | 20.84 | 6.90 |
| 1993 | 21.27 | 37.69 | 9.72 | 22.88 | 40.61 | 10.39 | 14.18 | 24.43 | 7.86 |
| 1994 | 20.83 | 36.92 | 9.47 | 22.66 | 40.33 | 10.20 | 12.30 | 20.05 | 6.92 |
| 1995 | 20.68 | 36.28 | 9.57 | 22.51 | 39.62 | 10.31 | 11.82 | 18.13 | 7.40 |
| 1996 | 20.85 | 36.75 | 9.56 | 22.73 | 40.19 | 10.30 | 12.35 | 20.11 | 7.30 |
| 1997 | 21.13 | 37.22 | 9.60 | 23.05 | 40.81 | 10.26 | 12.75 | 20.16 | 8.19 |
| 1998 | 21.64 | 38.61 | 9.46 | 23.71 | 42.37 | 10.20 | 11.94 | 20.49 | 6.40 |
| 1999 | 21.83 | 38.34 | 9.99 | 23.76 | 41.86 | 10.64 | 14.58 | 22.57 | 9.48 |
| 2000 | 21.91 | 38.92 | 9.59 | 24.04 | 42.67 | 10.41 | 13.24 | 20.53 | 8.51 |
| 2001 | 21.83 | 38.66 | 9.69 | 24.21 | 42.78 | 10.69 | 11.67 | 18.66 | 7.19 |
| 2002 | 21.35 | 37.31 | 9.75 | 23.50 | 40.99 | 10.63 | 12.70 | 17.88 | 9.16 |
| 2003 | 21.68 | 37.97 | 9.81 | 23.98 | 41.90 | 10.72 | 13.01 | 21.42 | 7.44 |
| 2004 | 21.63 | 38.14 | 9.61 | 23.90 | 42.04 | 10.47 | 13.81 | 22.79 | 8.37 |
| 2005 | 22.09 | 39.05 | 9.66 | 24.30 | 43.02 | 10.36 | 14.09 | 23.17 | 8.12 |
| 2006 | 21.55 | 38.22 | 9.28 | 23.79 | 42.21 | 10.00 | 11.92 | 18.29 | 7.70 |
| 2007 | 22.09 | 39.53 | 9.07 | 24.50 | 43.61 | 9.92 | 13.21 | 21.59 | 7.81 |
| 2008 | 21.60 | 37.97 | 9.45 | 23.85 | 41.75 | 10.33 | 12.92 | 22.19 | 6.84 |
| 2009 | 21.15 | 37.48 | 8.90 | 23.28 | 41.09 | 9.63 | 12.93 | 22.34 | 6.86 |
| 2010 | 21.74 | 38.16 | 9.38 | 24.35 | 42.51 | 10.30 | 12.62 | 21.29 | 6.97 |

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

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

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Table 27.5
Cancer of the Urinary Bladder (Invasive and *In Situ*)

Age-adjusted SEER Incidence^a Rates by Year, Race and Sex

| Year of Diagnosis: | All Races | | | Whites | | | Blacks | | |
|--------------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 21.00 | 37.35 | 9.39 | 22.73 | 40.65 | 10.00 | 12.57 | 20.24 | 7.48 |
| 1975 | 19.32 | 34.37 | 8.88 | 20.23 | 36.39 | 9.17 | 10.56 | 16.34 | 6.26 |
| 1976 | 19.69 | 34.39 | 9.44 | 20.73 | 36.70 | 9.73 | 12.48 | 18.16 | 8.59 |
| 1977 | 18.99 | 33.40 | 8.88 | 20.01 | 35.61 | 9.18 | 13.45 | 22.67 | 7.06 |
| 1978 | 19.99 | 35.36 | 9.44 | 21.07 | 37.83 | 9.74 | 11.73 | 19.36 | 6.39 |
| 1979 | 19.98 | 35.35 | 9.39 | 21.30 | 38.19 | 9.84 | 10.35 | 15.61 | 6.54 |
| 1980 | 20.41 | 37.14 | 8.91 | 21.52 | 39.81 | 9.06 | 13.33 | 18.23 | 9.98 |
| 1981 | 20.70 | 36.36 | 9.75 | 21.95 | 38.77 | 10.31 | 11.60 | 20.72 | 5.48 |
| 1982 | 20.08 | 35.79 | 9.52 | 21.38 | 38.31 | 10.15 | 12.19 | 21.77 | 5.60 |
| 1983 | 20.05 | 36.00 | 9.01 | 21.32 | 38.70 | 9.41 | 12.17 | 18.70 | 7.57 |
| 1984 | 20.86 | 37.72 | 9.18 | 22.35 | 40.89 | 9.64 | 11.49 | 18.93 | 6.24 |
| 1985 | 20.69 | 36.40 | 9.87 | 22.12 | 39.32 | 10.37 | 13.06 | 20.33 | 8.14 |
| 1986 | 21.04 | 37.94 | 9.43 | 22.45 | 40.84 | 9.96 | 12.94 | 22.16 | 6.63 |
| 1987 | 21.65 | 39.51 | 9.24 | 23.17 | 42.82 | 9.58 | 13.22 | 21.78 | 7.41 |
| 1988 | 20.85 | 38.08 | 8.99 | 22.72 | 41.85 | 9.68 | 11.29 | 17.99 | 6.45 |
| 1989 | 21.03 | 37.43 | 9.64 | 22.75 | 40.93 | 10.21 | 11.37 | 17.61 | 7.16 |
| 1990 | 21.08 | 37.49 | 9.64 | 22.63 | 40.78 | 10.03 | 12.69 | 18.59 | 8.75 |
| 1991 | 20.92 | 37.63 | 9.34 | 22.72 | 41.28 | 9.90 | 12.87 | 19.57 | 8.50 |
| 1992 | 21.26 | 37.55 | 9.81 | 22.96 | 40.76 | 10.50 | 12.48 | 20.82 | 6.89 |
| 1993 | 21.24 | 37.65 | 9.71 | 22.85 | 40.56 | 10.38 | 14.16 | 24.40 | 7.85 |
| 1994 | 20.80 | 36.87 | 9.45 | 22.62 | 40.27 | 10.19 | 12.28 | 20.01 | 6.91 |
| 1995 | 20.64 | 36.23 | 9.56 | 22.47 | 39.54 | 10.29 | 11.80 | 18.09 | 7.39 |
| 1996 | 20.82 | 36.69 | 9.55 | 22.68 | 40.10 | 10.28 | 12.32 | 20.06 | 7.28 |
| 1997 | 21.09 | 37.15 | 9.58 | 22.98 | 40.70 | 10.23 | 12.72 | 20.11 | 8.17 |
| 1998 | 21.60 | 38.54 | 9.44 | 23.64 | 42.25 | 10.17 | 11.90 | 20.43 | 6.38 |
| 1999 | 21.77 | 38.24 | 9.96 | 23.66 | 41.69 | 10.60 | 14.52 | 22.48 | 9.44 |
| 2000 | 21.85 | 38.80 | 9.56 | 23.92 | 42.46 | 10.36 | 13.17 | 20.43 | 8.47 |
| 2001 | 21.75 | 38.54 | 9.66 | 24.08 | 42.54 | 10.63 | 11.60 | 18.55 | 7.16 |
| 2002 | 21.28 | 37.18 | 9.72 | 23.35 | 40.72 | 10.56 | 12.62 | 17.75 | 9.11 |
| 2003 | 21.58 | 37.80 | 9.77 | 23.80 | 41.58 | 10.64 | 12.91 | 21.25 | 7.39 |
| 2004 | 21.52 | 37.94 | 9.56 | 23.68 | 41.66 | 10.37 | 13.69 | 22.58 | 8.30 |
| 2005 | 21.95 | 38.80 | 9.60 | 24.04 | 42.58 | 10.25 | 13.94 | 22.92 | 8.04 |
| 2006 | 21.38 | 37.92 | 9.20 | 23.50 | 41.70 | 9.88 | 11.77 | 18.07 | 7.60 |
| 2007 | 21.87 | 39.15 | 8.98 | 24.14 | 43.00 | 9.78 | 13.02 | 21.29 | 7.70 |
| 2008 | 21.32 | 37.49 | 9.33 | 23.41 | 40.99 | 10.14 | 12.68 | 21.78 | 6.71 |
| 2009 | 20.79 | 36.85 | 8.75 | 22.71 | 40.10 | 9.39 | 12.61 | 21.79 | 6.69 |
| 2010 | 21.10 | 37.03 | 9.10 | 23.40 | 40.86 | 9.90 | 12.12 | 20.46 | 6.69 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 27.6
Cancer of the Urinary Bladder (Invasive)

Age-adjusted U.S. Death^a Rates by Year, Race and Sex

| Year of Death: | All Races | | | Whites | | | Blacks | | |
|----------------|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 1975-2010 | 4.60 | 8.10 | 2.40 | 4.70 | 8.41 | 2.37 | 4.21 | 6.17 | 3.04 |
| 1975 | 5.50 | 9.77 | 2.76 | 5.56 | 10.11 | 2.68 | 4.96 | 6.85 | 3.63 |
| 1976 | 5.59 | 9.79 | 2.88 | 5.64 | 10.05 | 2.83 | 5.29 | 7.80 | 3.54 |
| 1977 | 5.52 | 9.67 | 2.89 | 5.58 | 9.94 | 2.83 | 5.19 | 7.57 | 3.57 |
| 1978 | 5.44 | 9.54 | 2.86 | 5.51 | 9.83 | 2.82 | 4.94 | 7.22 | 3.40 |
| 1979 | 5.25 | 9.34 | 2.71 | 5.30 | 9.59 | 2.66 | 5.00 | 7.61 | 3.28 |
| 1980 | 5.17 | 9.16 | 2.73 | 5.24 | 9.51 | 2.66 | 4.72 | 6.21 | 3.71 |
| 1981 | 5.07 | 9.02 | 2.66 | 5.13 | 9.28 | 2.61 | 4.89 | 7.20 | 3.40 |
| 1982 | 4.99 | 8.95 | 2.58 | 5.04 | 9.23 | 2.50 | 4.86 | 6.83 | 3.56 |
| 1983 | 4.88 | 8.79 | 2.54 | 4.93 | 9.04 | 2.50 | 4.72 | 7.17 | 3.19 |
| 1984 | 4.74 | 8.49 | 2.49 | 4.78 | 8.73 | 2.43 | 4.74 | 6.89 | 3.39 |
| 1985 | 4.67 | 8.43 | 2.44 | 4.73 | 8.67 | 2.40 | 4.48 | 6.86 | 3.02 |
| 1986 | 4.53 | 8.10 | 2.41 | 4.60 | 8.41 | 2.34 | 4.25 | 5.83 | 3.29 |
| 1987 | 4.41 | 7.87 | 2.34 | 4.46 | 8.09 | 2.28 | 4.37 | 6.50 | 3.11 |
| 1988 | 4.41 | 7.76 | 2.41 | 4.47 | 8.02 | 2.34 | 4.30 | 5.89 | 3.33 |
| 1989 | 4.48 | 7.99 | 2.37 | 4.52 | 8.18 | 2.31 | 4.61 | 7.02 | 3.20 |
| 1990 | 4.49 | 7.97 | 2.42 | 4.55 | 8.22 | 2.37 | 4.44 | 6.44 | 3.24 |
| 1991 | 4.42 | 7.89 | 2.34 | 4.48 | 8.14 | 2.28 | 4.40 | 6.58 | 3.12 |
| 1992 | 4.46 | 7.89 | 2.43 | 4.52 | 8.11 | 2.38 | 4.35 | 6.66 | 3.08 |
| 1993 | 4.47 | 8.05 | 2.31 | 4.55 | 8.32 | 2.27 | 4.17 | 6.36 | 2.93 |
| 1994 | 4.47 | 7.86 | 2.42 | 4.54 | 8.13 | 2.37 | 4.34 | 6.36 | 3.19 |
| 1995 | 4.35 | 7.78 | 2.28 | 4.45 | 8.08 | 2.23 | 4.05 | 5.77 | 3.09 |
| 1996 | 4.41 | 7.79 | 2.37 | 4.51 | 8.08 | 2.33 | 4.16 | 5.89 | 3.14 |
| 1997 | 4.39 | 7.59 | 2.42 | 4.50 | 7.88 | 2.40 | 4.00 | 5.88 | 2.98 |
| 1998 | 4.38 | 7.71 | 2.32 | 4.49 | 8.02 | 2.29 | 3.95 | 5.58 | 3.03 |
| 1999 | 4.36 | 7.66 | 2.28 | 4.47 | 7.95 | 2.24 | 4.01 | 5.84 | 2.96 |
| 2000 | 4.32 | 7.60 | 2.27 | 4.48 | 7.94 | 2.27 | 3.74 | 5.68 | 2.69 |
| 2001 | 4.35 | 7.62 | 2.27 | 4.48 | 7.97 | 2.24 | 3.74 | 5.17 | 2.93 |
| 2002 | 4.43 | 7.61 | 2.39 | 4.56 | 7.94 | 2.36 | 3.99 | 5.67 | 3.08 |
| 2003 | 4.30 | 7.49 | 2.23 | 4.45 | 7.82 | 2.22 | 3.76 | 5.60 | 2.72 |
| 2004 | 4.42 | 7.73 | 2.28 | 4.60 | 8.13 | 2.28 | 3.69 | 5.20 | 2.82 |
| 2005 | 4.42 | 7.73 | 2.25 | 4.58 | 8.07 | 2.26 | 3.78 | 6.00 | 2.60 |
| 2006 | 4.41 | 7.72 | 2.22 | 4.57 | 8.09 | 2.21 | 3.87 | 5.79 | 2.81 |
| 2007 | 4.44 | 7.72 | 2.25 | 4.62 | 8.10 | 2.25 | 3.84 | 5.59 | 2.82 |
| 2008 | 4.41 | 7.62 | 2.25 | 4.61 | 8.04 | 2.28 | 3.38 | 4.83 | 2.52 |
| 2009 | 4.37 | 7.67 | 2.16 | 4.57 | 8.05 | 2.18 | 3.60 | 5.56 | 2.46 |
| 2010 | 4.43 | 7.72 | 2.20 | 4.63 | 8.12 | 2.22 | 3.66 | 5.63 | 2.53 |

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- Statistic not shown. Rate based on less than 16 cases for the time interval.