Table 1.23

Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity

Both Sexes

White

Black

|                                     | $\mathtt{Rate}^\mathtt{b}$ | APC <sup>c</sup> |                                     | Rate <sup>b</sup> | APC <sup>c</sup> |                          | Rate <sup>b</sup> | APCc      |
|-------------------------------------|----------------------------|------------------|-------------------------------------|-------------------|------------------|--------------------------|-------------------|-----------|
|                                     | 2012-2016                  | 2007-2016        |                                     | 2012-2016         | 2007-2016        |                          | 2012-2016         | 2007-2016 |
| All Sites                           | 442.0                      | -1.3*            | All Sites                           | 451.7             | -1.3*            | All Sites                | 442.9             | -1.7*     |
| Breast                              | 68.4                       | -0.1             | Breast                              | 69.2              | -0.2             | Prostate <sup>f</sup>    | 74.9              | -4.9*     |
| Lung and Bronchus                   | 54.9                       | -2.3*            | Lung and Bronchus                   | 56.7              | -2.3*            | Breast                   | 70.9              | 0.2       |
| Prostate <sup>f</sup>               | 50.0                       | -5.5*            | Prostate <sup>f</sup>               | 47.0              | -6.0*            | Lung and Bronchus        | 56.2              | -2.6*     |
| Colon and Rectum                    | 38.6                       | -2.6*            | Colon and Rectum                    | 38.1              | -2.6*            | Colon and Rectum         | 44.6              | -3.1*     |
| Melanoma of the Skin                | 22.2                       | 1.2*             | Melanoma of the Skin                | 26.6              | 1.3*             | Kidney and Renal Pelvis  | 17.4              | 0.4       |
| Urinary Bladder                     | 20.1                       | -1.5*            | Urinary Bladder                     | 22.2              | -1.5*            | Corpus and Uterus, NOSf  | 15.6              | 1.6*      |
| Non-Hodgkin Lymphoma                | 19.6                       | -0.7*            | Non-Hodgkin Lymphoma                | 20.6              | -0.8*            | Pancreas                 | 15.2              | -0.1      |
| Kidney and Renal Pelvis             | 16.1                       | 0.3              | Kidney and Renal Pelvis             | 16.6              | 0.3              | Non-Hodgkin Lymphoma     | 14.7              | -0.3      |
| Thyroid                             | 15.8                       | 2.0*             | Thyroid                             | 16.5              | 1.8*             | Myeloma                  | 13.7              | 0.7       |
| Corpus and Uterus, NOS <sup>f</sup> | 14.6                       | 0.9*             | Leukemia                            | 14.9              | -0.1             | Urinary Bladder          | 11.8              | -0.7      |
| Leukemia                            | 14.1                       | 0.0              | Corpus and Uterus, NOS <sup>f</sup> | 14.8              | 0.7*             | Leukemia                 | 10.9              | 0.9       |
| Pancreas                            | 12.9                       | 0.4*             | Pancreas                            | 13.0              | 0.4*             | Liver & IBD <sup>g</sup> | 10.8              | 1.2*      |
| Oral Cavity and Pharynx             | 11.3                       | 0.6*             | Oral Cavity and Pharynx             | 11.9              | 0.8*             | Stomach                  | 10.3              | -2.2*     |
| Liver & IBD <sup>g</sup>            | 8.8                        | 1.7*             | Liver & IBD <sup>g</sup>            | 8.0               | 2.2*             | Thyroid                  | 9.6               | 3.0*      |
| Stomach                             | 7.4                        | -0.9*            | Brain and ONS <sup>g</sup>          | 7.0               | -0.8*            | Oral Cavity and Pharynx  | 8.6               | -1.7*     |
|                                     |                            |                  |                                     |                   |                  |                          |                   |           |
| Asian/Pacifi                        | c Islander                 |                  | American Indian/A                   | Alaska Nat:       | ive <sup>d</sup> | Hispan                   | ic <sup>e</sup>   |           |
|                                     | $\mathtt{Rate}^\mathtt{b}$ | APC <sup>c</sup> |                                     | Rate <sup>b</sup> | APC <sup>c</sup> |                          | Rate <sup>b</sup> | APCc      |
|                                     | 2012-2016                  | 2007-2016        |                                     | 2012-2016         | 2007-2016        |                          | 2012-2016         | 2007-2016 |
| All Sites                           | 297.9                      | -1.2*            | All Sites                           | 307.6             | -0.8*            | All Sites                | 345.8             | -1.3*     |
| Breast                              | 54.8                       | 1.0*             | Breast                              | 42.8              | -0.3             | Breast                   | 52.3              | 0.4       |
| Lung and Bronchus                   | 36.0                       | -1.4*            | Colon and Rectum                    | 39.3              | -0.2             | Prostate <sup>f</sup>    | 41.3              | -6.1*     |
| Colon and Rectum                    | 31.8                       | -3.0*            | Lung and Bronchus                   | 37.8              | -2.0*            | Colon and Rectum         | 33.7              | -2.2*     |
| Prostate <sup>f</sup>               | 24.6                       | -6.4*            | Prostate <sup>f</sup>               | 24.6              | -6.1*            | Lung and Bronchus        | 29.1              | -2.5*     |
| Thyroid                             | 15.6                       | 2.0*             | Kidney and Renal Pelvis             | 16.8              | -1.2             | Non-Hodgkin Lymphoma     | 17.9              | -0.5      |
| Non-Hodgkin Lymphoma                | 13.4                       | -0.3             | Liver & IBD <sup>g</sup>            | 13.6              | 1.1              | Kidney and Renal Pelvis  | 15.7              | 1.0*      |
| Liver & IBD <sup>g</sup>            | 13.0                       | -2.5*            | Non-Hodgkin Lymphoma                | 11.3              | -1.3             | Thyroid                  | 13.9              | 3.2*      |
| Corpus and Uterus, NOSf             | 11.3                       | 1.4*             | Corpus and Uterus, NOS <sup>f</sup> | 10.5              | -0.5             | Liver & IBD <sup>g</sup> | 13.6              | 0.8       |
| Stomach                             | 10.9                       | -2.9*            | Pancreas                            | 9.5               | 0.6              | Corpus and Uterus, NOSf  | 12.8              | 2.4*      |
| Pancreas                            | 9.8                        | 0.2              | Thyroid                             | 9.3               | 3.3*             | Pancreas                 | 11.3              | 0.1       |
| Urinary Bladder                     | 8.8                        | -1.2*            | Urinary Bladder                     | 8.9               | 0.2              | Urinary Bladder          | 11.1              | -1.4*     |
| Kidney and Renal Pelvis             | 8.4                        | -0.1             | Stomach                             | 8.7               | -1.3             | Leukemia                 | 10.8              | -0.1      |
| Oral Cavity and Pharynx             | 8.4                        | 0.8              | Leukemia                            | 8.6               | 2.4              | Stomach                  | 10.4              | -1.8*     |
| Leukemia                            | 7.8                        | -0.3             | Oral Cavity and Pharynx             | 8.3               | 0.9              | Oral Cavity and Pharynx  | 6.9               | -1.1*     |
| Ovary <sup>fh</sup>                 | 5.1                        | -0.9             | Melanoma of the Skin                | 5.5               | 3.6              | Myeloma                  | 6.7               | 0.5       |

Source: SEER 21 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

- <sup>a</sup> Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Bates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- g IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- \* The APC is significantly different from zero (p<.05).

All Races

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

All Races

 ${\it Table 1.24} \\ {\it Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites}^a \ {\it by Race/Ethnicity} \\ {\it Males}$ 

White

Black

|                            | $\mathtt{Rate}^\mathtt{b}$ | APCc      |                            | $\mathtt{Rate}^\mathtt{b}$ | APC <sup>c</sup> |                            | Rate <sup>b</sup> | APC <sup>c</sup> |
|----------------------------|----------------------------|-----------|----------------------------|----------------------------|------------------|----------------------------|-------------------|------------------|
|                            | 2012-2016                  | 2007-2016 | _                          | 2012-2016                  | 2007-2016        |                            | 2012-2016         | 2007-2016        |
| All Sites                  | 481.0                      | -2.3*     | All Sites                  | 486.0                      | -2.3*            | All Sites                  | 520.8             | -3.0*            |
| Prostate                   | 109.5                      | -5.7*     | Prostate                   | 101.9                      | -6.2*            | Prostate                   | 176.7             | -5.3*            |
| Lung and Bronchus          | 63.0                       | -3.0*     | Lung and Bronchus          | 63.5                       | -3.0*            | Lung and Bronchus          | 73.5              | -3.4*            |
| Colon and Rectum           | 44.2                       | -2.8*     | Colon and Rectum           | 43.4                       | -2.9*            | Colon and Rectum           | 52.4              | -3.1*            |
| Urinary Bladder            | 35.2                       | -1.7*     | Urinary Bladder            | 38.5                       | -1.7*            | Kidney and Renal Pelvis    | 24.3              | 0.4              |
| Melanoma of the Skin       | 28.8                       | 1.2*      | Melanoma of the Skin       | 33.9                       | 1.2*             | Urinary Bladder            | 19.7              | -1.2*            |
| Non-Hodgkin Lymphoma       | 23.9                       | -0.7*     | Non-Hodgkin Lymphoma       | 25.0                       | -0.8*            | Liver & IBD <sup>f</sup>   | 17.8              | 0.9              |
| Kidney and Renal Pelvis    |                            | 0.2       | Kidney and Renal Pelvis    | 22.8                       | 0.3              | Non-Hodgkin Lymphoma       | 17.7              | -0.5             |
| Leukemia                   | 18.1                       | 0.0       | Leukemia                   | 19.1                       | -0.2             | Pancreas                   | 16.7              | -0.2             |
| Oral Cavity and Pharynx    |                            | 0.6*      | Oral Cavity and Pharynx    | 17.9                       | 0.9*             | Myeloma                    | 16.3              | 0.2              |
| Pancreas                   | 14.6                       | 0.3       | Pancreas                   | 14.8                       | 0.4              | Stomach                    | 14.1              | -2.7*            |
| Liver & IBD <sup>f</sup>   | 13.6                       | 1.4*      | Liver & IBD <sup>f</sup>   | 12.2                       | 1.9*             | Leukemia                   | 13.9              | 0.7              |
| Stomach                    | 10.0                       | -1.5*     | Stomach                    | 8.9                        | -1.4*            | Oral Cavity and Pharynx    | 13.4              | -1.8*            |
| Myeloma                    | 8.7                        | 0.8       | Thyroid                    | 8.6                        | 2.3*             | Larynx                     | 7.6               | -2.9*            |
| Thyroid                    | 8.0                        | 2.5*      | Brain and ONS <sup>f</sup> | 8.3                        | -0.9*            | Esophagus                  | 6.4               | -4.8*            |
| Brain and ONS <sup>f</sup> | 7.5                        | -0.9*     | Myeloma                    | 8.1                        | 0.7              | Brain and ONS <sup>f</sup> | 4.7               | -0.7             |
|                            |                            |           |                            |                            |                  |                            |                   |                  |
| Asian/Pacifi               | <u> Islander</u>           |           | American Indian/A          | Alaska Nat:                | ive <sup>a</sup> | Hispan                     | ic <sup>e</sup>   |                  |
|                            | Rate <sup>b</sup>          | APC°      |                            | Rate <sup>b</sup>          | APC°             |                            | Rateb             | APC <sup>c</sup> |
|                            | 2012-2016                  | 2007-2016 |                            | 2012-2016                  | 2007-2016        |                            | 2012-2016         | 2007-2016        |
| All Sites                  | 301.1                      | -2.4*     | All Sites                  | 315.3                      | -1.7*            | All Sites                  | 370.4             | -2.8*            |
| Prostate                   | 55.6                       | -6.6*     | Prostate                   | 55.4                       | -6.3*            | Prostate                   | 93.4              | -6.5*            |
| Lung and Bronchus          | 46.3                       | -2.1*     | Lung and Bronchus          | 43.3                       | -3.3*            | Colon and Rectum           | 40.0              | -2.6*            |
| Colon and Rectum           | 37.9                       | -2.4*     | Colon and Rectum           | 41.2                       | -0.8             | Lung and Bronchus          | 35.2              | -3.6*            |
| Liver & IBD <sup>f</sup>   | 19.9                       | -2.5*     | Kidney and Renal Pelvis    | 21.2                       | -2.0             | Kidney and Renal Pelvis    | 20.8              | 0.8              |
| Non-Hodgkin Lymphoma       | 16.4                       | -0.5      | Liver & IBD <sup>f</sup>   | 19.3                       | 1.3              | Non-Hodgkin Lymphoma       | 20.7              | -0.7             |
| Urinary Bladder            | 15.5                       | -1.3*     | Urinary Bladder            | 14.9                       | -1.4             | Liver & IBD <sup>f</sup>   | 20.3              | 0.3              |
| Stomach                    | 14.3                       | -2.9*     | Non-Hodgkin Lymphoma       | 12.0                       | -3.7             | Urinary Bladder            | 19.5              | -1.5*            |
| Kidney and Renal Pelvis    | 12.0                       | -0.1      | Oral Cavity and Pharynx    | 11.8                       | -0.6             | Leukemia                   | 13.0              | -0.2             |
| Oral Cavity and Pharynx    | 11.8                       | 0.5       | Stomach                    | 11.5                       | -1.5             | Stomach                    | 13.0              | -3.0*            |
| Pancreas                   | 10.8                       | 0.3       | Pancreas                   | 11.4                       | 2.6              | Pancreas                   | 12.0              | -0.1             |
| Leukemia                   | 9.7                        | -0.3      | Leukemia                   | 11.0                       | 5.5              | Oral Cavity and Pharynx    | 10.1              | -1.3             |
| Thyroid                    | 7.7                        | 3.9*      | Myeloma                    | 6.0                        | -                | Myeloma                    | 8.2               | 0.4              |
| Myeloma                    | 4.9                        | 0.5       | Esophagus                  | 5.9                        | -                | Brain and ONS <sup>f</sup> | 5.8               | -1.0*            |
| Brain and ONS <sup>f</sup> | 4.3                        | -0.5      | Melanoma of the Skin       | 5.8                        | -                | Thyroid                    | 5.7               | 3.6*             |
| Esophagus                  | 3.6                        | -0.5      | Testis                     | 5.2                        | 4.3              | Testis                     | 5.2               | 1.8*             |

Source: SEER 21 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

- a Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
  Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.25

Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity

Females

| All Ra                   | ces        |                  | White                                      |           |                  | Black                    |                   |                  |
|--------------------------|------------|------------------|--|-----------|------------------|--------------------------|-------------------|------------------|
|                          | Rateb      | APC <sup>c</sup> |  | Rateb     | APC <sup>c</sup> |                          | Rate <sup>b</sup> | APC <sup>c</sup> |
|                          | 2012-2016  | 2007-2016        |  | 2012-2016 | 2007-2016        |                          | 2012-2016         | 2007-2016        |
| All Sites                | 417.1      | -0.3*            | All Sites                                  | 430.9     | -0.4*            | All Sites                | 391.3             | -0.4*            |
| Breast                   | 127.5      | 0.1              | Breast                                     | 130.5     | -0.1             | Breast                   | 124.0             | 0.4              |
| Lung and Bronchus        | 48.9       | -1.7*            | Lung and Bronchus                          | 51.8      | -1.6*            | Lung and Bronchus        | 44.6              | -1.8*            |
| Colon and Rectum         | 33.9       | -2.5*            | Colon and Rectum                           | 33.6      | -2.4*            | Colon and Rectum         | 39.1              | -3.2*            |
| Corpus and Uterus, NOS   | 27.5       | 1.1*             | Corpus and Uterus, NOS                     | 28.1      | 0.9*             | Corpus and Uterus, NOS   | 27.4              | 1.9*             |
| Thyroid                  | 23.3       | 2.0*             | Thyroid                                    | 24.5      | 1.7*             | Thyroid                  | 14.3              | 3.3*             |
| Melanoma of the Skin     | 17.5       | 1.1*             | Melanoma of the Skin                       | 21.3      | 1.3*             | Pancreas                 | 14.0              | 0.0              |
| Non-Hodgkin Lymphoma     | 16.2       | -0.8*            | Non-Hodgkin Lymphoma                       | 17.0      | -0.9*            | Non-Hodgkin Lymphoma     | 12.4              | 0.0              |
| Pancreas                 | 11.5       | 0.4              | Ovary <sup>g</sup>                         | 11.9      | -2.1*            | Kidney and Renal Pelvis  | 12.1              | 0.3              |
| Ovary <sup>g</sup>       | 11.4       | -2.0*            | Leukemia                                   | 11.5      | -0.2             | Myeloma                  | 11.9              | 0.9              |
| Kidney and Renal Pelvis  | 10.9       | 0.1              | Pancreas                                   | 11.4      | 0.4*             | Ovary <sup>g</sup>       | 9.2               | -1.4*            |
| Leukemia                 | 10.9       | -0.1             | Kidney and Renal Pelvis                    |           | 0.1              | Leukemia                 | 8.9               | 1.1*             |
| Urinary Bladder          | 8.7        | -1.6*            | Urinary Bladder                            | 9.5       | -1.6*            | Cervix Uteri             | 8.7               | -2.9*            |
| Cervix Uteri             | 7.3        | -1.1*            | Cervix Uteri                               | 7.2       | -1.0*            | Stomach                  | 7.7               | -1.9*            |
| Oral Cavity and Pharynx  |            | 0.2              | Oral Cavity and Pharynx                    |           | 0.3              | Urinary Bladder          | 6.6               | -0.3             |
| Myeloma                  | 5.6        | 0.9*             | Brain and ONS <sup>f</sup>                 | 6.0       | -0.8             | Liver & IBD <sup>f</sup> | 5.4               | 1.8*             |
| Asian/Pacific            | c Islander |                  | American Indian/Alaska Native <sup>d</sup> |           |                  | Hispanic <sup>e</sup>    |                   |                  |
|                          | Rateb      | APC°             |  | Rateb     | APC°             |                          | Rateb             | APC°             |
|                          | 2012-2016  | 2007-2016        |  | 2012-2016 | 2007-2016        |                          | 2012-2016         |                  |
| All Sites                | 299.7      | -0.2             | All Sites                                  | 306.0     | 0.0              | All Sites                | 334.9             | 0.1              |
| Breast                   | 100.1      | 1.0*             | Breast                                     | 79.5      | -0.2             | Breast                   | 97.2              | 0.6              |
| Lung and Bronchus        | 28.2       | -0.6             | Colon and Rectum                           | 37.9      | 0.5              | Colon and Rectum         | 28.8              | -1.8*            |
| Colon and Rectum         | 26.9       | -3.6*            | Lung and Bronchus                          | 33.9      | -0.7             | Lung and Bronchus        | 24.8              | -1.3*            |
| Thyroid                  | 22.6       | 1.5*             | Corpus and Uterus, NOS                     | 19.7      | -0.4             | Corpus and Uterus, NOS   | 24.1              | 2.7*             |
| Corpus and Uterus, NOS   | 20.8       | 1.5*             | Thyroid                                    | 14.2      | 3.4*             | Thyroid                  | 21.9              | 3.2*             |
| Non-Hodgkin Lymphoma     | 11.0       | -0.1             | Kidney and Renal Pelvis                    | 13.1      | 0.0              | Non-Hodgkin Lymphoma     | 15.7              | -0.1             |
| Ovary <sup>g</sup>       | 9.4        | -0.9             | Non-Hodgkin Lymphoma                       | 10.6      | 1.1              | Kidney and Renal Pelvis  | 11.6              | 1.0              |
| Pancreas                 | 9.1        | 0.3              | Liver & IBD <sup>f</sup>                   | 8.5       | 0.4              | Pancreas                 | 10.7              | 0.3              |
| Stomach                  | 8.2        | -3.1*            | Ovary <sup>g</sup>                         | 8.1       | -4.4*            | Ovary <sup>g</sup>       | 10.3              | -1.0*            |
| Liver & IBD <sup>f</sup> | 7.4        | -2.4*            | Pancreas                                   | 8.0       | -1.3             | Cervix Uteri             | 9.3               | -2.1*            |
| Cervix Uteri             | 6.4        | -1.3*            | Cervix Uteri                               | 7.9       | 0.7              | Leukemia                 | 9.1               | -0.2             |
| Leukemia                 | 6.3        | -0.6             | Leukemia                                   | 6.6       | -0.9             | Stomach                  | 8.5               | -0.5             |
| Oral Cavity and Pharynx  | 5.6        | 1.3              | Stomach                                    | 6.4       | -1.7             | Liver & IBD <sup>f</sup> | 7.9               | 1.7              |
| Kidney and Renal Pelvis  |            | -0.1             | Melanoma of the Skin                       | 5.3       | -                | Myeloma                  | 5.5               | 0.6              |
| Urinary Bladder          | 3.8        | -1.2             | Oral Cavity and Pharynx                    | 5.3       | -                | Urinary Bladder          | 5.1               | -2.0*            |

Source: SEER 21 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

- <sup>a</sup> Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Bates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- \* The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

 ${\it Table 1.26} \\ {\it Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites$^a$ by Race/Ethnicity } \\ {\it Both Sexes}$ 

| All Races                  |            |                  | White                                      |           |           | Black                               |                   |                  |
|----------------------------|------------|------------------|--|-----------|-----------|-------------------------------------|-------------------|------------------|
|                            | Rateb      | APC <sup>c</sup> |  | Rateb     | APCc      |                                     | Rate <sup>b</sup> | APC <sup>c</sup> |
|                            | 2012-2016  | 2007-2016        |  | 2012-2016 | 2007-2016 |                                     | 2012-2016         | 2007-2016        |
| All Sites                  | 161.0      | -1.5*            | All Sites                                  | 161.5     | -1.4*     | All Sites                           | 185.6             | -2.1*            |
| Lung and Bronchus          | 41.9       | -2.9*            | Lung and Bronchus                          | 42.7      | -2.8*     | Lung and Bronchus                   | 44.3              | -3.3*            |
| Colon and Rectum           | 14.2       | -2.3*            | Colon and Rectum                           | 13.8      | -2.2*     | Colon and Rectum                    | 18.9              | -2.9*            |
| Breast                     | 11.4       | -1.7*            | Breast                                     | 11.1      | -1.7*     | Breast                              | 16.4              | -1.7*            |
| Pancreas                   | 11.0       | 0.1              | Pancreas                                   | 10.9      | 0.2*      | Prostate <sup>f</sup>               | 14.3              | -3.5*            |
| Prostate <sup>f</sup>      | 7.8        | -2.0*            | Prostate <sup>f</sup>                      | 7.4       | -1.8*     | Pancreas                            | 13.3              | -0.5*            |
| Leukemia                   | 6.5        | -1.4*            | Leukemia                                   | 6.8       | -1.3*     | Liver & IBD <sup>g</sup>            | 8.4               | 1.9*             |
| Liver & IBD <sup>g</sup>   | 6.5        | 2.4*             | Liver & IBD <sup>g</sup>                   | 6.1       | 2.6*      | Myeloma                             | 6.2               | -0.5             |
| Non-Hodgkin Lymphoma       | 5.6        | -2.2*            | Non-Hodgkin Lymphoma                       | 5.9       | -2.2*     | Stomach                             | 5.5               | -3.1*            |
| Brain and ONS <sup>9</sup> | 4.4        | 0.6*             | Brain and ONS <sup>9</sup>                 | 4.8       | 0.7*      | Leukemia                            | 5.5               | -1.8*            |
| Urinary Bladder            | 4.4        | -0.2             | Urinary Bladder                            | 4.6       | 0.0       | Corpus and Uterus, NOS <sup>f</sup> | 5.0               | 1.9*             |
| Esophagus                  | 4.0        | -1.0*            | Esophagus                                  | 4.2       | -0.4*     | Non-Hodgkin Lymphoma                | 4.1               | -1.6*            |
| Ovary <sup>f</sup>         | 3.9        | -2.5*            | Ovary <sup>f</sup>                         | 4.0       | -2.5*     | Ovary <sup>f</sup>                  | 3.6               | -1.8*            |
| Kidney and Renal Pelvis    | 3.8        | -1.0*            | Kidney and Renal Pelvis                    | 3.9       | -0.8*     | Kidney and Renal Pelvis             | 3.6               | -1.5*            |
| Myeloma                    | 3.3        | -0.4             | Myeloma                                    | 3.1       | -0.4      | Urinary Bladder                     | 3.5               | -0.6             |
| Stomach                    | 3.1        | -2.0*            | Melanoma of the Skin                       | 2.9       | -1.7*     | Esophagus                           | 3.3               | -4.7*            |
| Asian/Pacifi               | c Islander |                  | American Indian/Alaska Native <sup>d</sup> |           |           | <u> Hispanic</u> e                  |                   |                  |
|                            | Rateb      | APCc             |  | Rateb     | APCc      |                                     | Rateb             | APC°             |
|                            | 2012-2016  | 2007-2016        |  |           | 2007-2016 |                                     | 2012-2016         |                  |
| All Sites                  | 100.0      | -1.4*            | All Sites                                  | 146.7     | -1.3*     | All Sites                           | 113.5             | -1.2*            |
| Lung and Bronchus          | 22.7       | -2.1*            | Lung and Bronchus                          | 34.8      | -2.8*     | Lung and Bronchus                   | 18.3              | -2.7*            |
| Colon and Rectum           | 9.8        | -2.3*            | Colon and Rectum                           | 15.6      | -1.4      | Colon and Rectum                    | 11.2              | -2.1*            |
| Liver & IBD <sup>g</sup>   | 9.3        | -1.0*            | Liver & IBD <sup>g</sup>                   | 10.6      | 2.2*      | Liver & IBD <sup>g</sup>            | 9.3               | 1.3*             |
| Pancreas                   | 7.6        | -0.2             | Pancreas                                   | 8.9       | 0.5       | Pancreas                            | 8.5               | -0.2             |
| Breast                     | 6.3        | -0.2             | Breast                                     | 8.0       | -1.0      | Breast                              | 7.9               | -0.8*            |
| Stomach                    | 5.3        | -3.3*            | Prostate <sup>f</sup>                      | 7.8       | -0.7      | Prostate <sup>f</sup>               | 6.4               | -2.4*            |
| Non-Hodgkin Lymphoma       | 3.9        | -1.3*            | Kidney and Renal Pelvis                    | 5.7       | -2.5*     | Stomach                             | 5.1               | -2.0*            |
| Leukemia                   | 3.6        | -1.6             | Stomach                                    | 5.0       | -1.5      | Non-Hodgkin Lymphoma                | 4.8               | -1.9*            |
| Prostate <sup>f</sup>      | 3.5        | -2.3*            | Non-Hodgkin Lymphoma                       | 4.4       | -0.6      | Leukemia                            | 4.7               | -0.8             |
| Ovary <sup>f</sup>         | 2.5        | -1.1             | Leukemia                                   | 4.1       | -3.3*     | Kidney and Renal Pelvis             | 3.5               | -0.5             |
| Brain and ONS <sup>g</sup> | 2.2        | 3.2*             | Esophagus                                  | 3.5       | 0.7       | Brain and ONS <sup>g</sup>          | 3.0               | 0.9*             |
| Oral Cavity and Pharynx    | 2.0        | 1.0              | Ovary <sup>f</sup>                         | 3.5       | -1.3      | Ovary <sup>f</sup>                  | 2.9               | -2.0*            |
| Kidney and Renal Pelvis    |            | -2.0*            | Myeloma                                    | 3.1       | 1.3       | Myeloma                             | 2.8               | -0.2             |
| Urinary Bladder            | 1.7        | 0.1              | Urinary Bladder                            | 2.4       | 0.8       | Urinary Bladder                     | 2.3               | -0.7             |
| Corpus and Uterus, NOSf    | 1.7        | 2.6*             | Brain and ONS <sup>g</sup>                 | 2.4       | -2.2      | Corpus and Uterus, NOSf             | 2.1               | 2.6*             |

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- a Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- \* The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.27
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity

Males

| All Races  |  |   | White   |   |   | Black  |   |  |
|--|--|---|---|---|---|--|---|--|
|  | Rate <sup>b</sup><br>2012-2016                       | APC <sup>c</sup><br>2007-2016                                   |   | Rate <sup>b</sup><br>2012-2016                        | APC°<br>2007-2016   |  | Rate <sup>b</sup><br>2012-2016  | APC <sup>c</sup><br>2007-2016                  |
| All Sites  | 193.1  | -1.8*   | All Sites   | 193.0   | -1.6*   | All Sites  | 233.5   | -2.8*  |
| Lung and Bronchus  | 51.6   | -3.5*   | Lung and Bronchus   | 51.7  | -3.4*   | Lung and Bronchus  | 62.1  | -4.0*  |
| Prostate   | 19.2   | -2.7*   | Prostate  | 18.0  | -2.5*   | Prostate   | 38.9  | -4.2*  |
| Colon and Rectum   | 16.9   | -2.4*   | Colon and Rectum  | 16.5  | -2.3*   | Colon and Rectum   | 23.8  | -2.9*  |
| Pancreas   | 12.6   | 0.1   | Pancreas  | 12.6  | 0.2*  | Pancreas   | 14.8  | -0.4   |
| Liver & IBD <sup>f</sup>   | 9.6  | 2.2*  | Leukemia  | 9.1   | -1.4*   | Liver & IBD <sup>f</sup>   | 13.2  | 1.5*   |
| Leukemia   | 8.8  | -1.5*   | Liver & IBD <sup>f</sup>  | 8.9   | 2.4*  | Stomach  | 8.2   | -3.1*  |
| Urinary Bladder  | 7.6  | -0.3*   | Urinary Bladder   | 8.0   | -0.2  | Myeloma  | 7.4   | -0.8*  |
| Non-Hodgkin Lymphoma   | 7.3  | -2.1*   | Non-Hodgkin Lymphoma  | 7.6   | -2.0*   | Leukemia   | 7.2   | -2.2*  |
| Esophagus  | 7.1  | -1.1*   | Esophagus   | 7.5   | -0.6*   | Esophagus  | 5.6   | -5.3*  |
| Kidney and Renal Pelvis  | 5.5  | -0.8*   | Brain and ONS <sup>f</sup>  | 5.8   | 0.7*  | Kidney and Renal Pelvis  | 5.5   | -0.9   |
| Brain and ONS <sup>f</sup>   | 5.4  | 0.6*  | Kidney and Renal Pelvis   | 5.7   | -0.7*   | Urinary Bladder  | 5.4   | -0.1   |
| Stomach  | 4.2  | -2.4*   | Melanoma of the Skin  | 4.3   | -1.7*   | Non-Hodgkin Lymphoma   | 5.2   | -1.9*  |
| Myeloma  | 4.2  | -0.6*   | Myeloma   | 4.0   | -0.5*   | Oral Cavity and Pharynx  | 4.7   | -2.1*  |
| Oral Cavity and Pharynx  | 3.9  | 0.6*  | Oral Cavity and Pharynx   | 3.8   | 1.0*  | Brain and ONS <sup>f</sup>   | 3.2   | 1.2  |
| Melanoma of the Skin   | 3.7  | -2.0*   | Stomach   | 3.7   | -2.4*   | Larynx   | 3.1   | -3.8*  |
| Asian/Pacific  | Islander   |   | American Indian/Alaska Native <sup>d</sup>  |   |   | Hispan   | ic <sup>e</sup>   |  |
|  | Rateb  | APC <sup>c</sup>  |   | Rateb   | APC <sup>c</sup>  |  | $\mathtt{Rate}^\mathtt{b}$  | APC <sup>c</sup>                               |
|  | 2012-2016  | 2007-2016   |   | 2012-2016   | 2007-2016   |  | 2012-2016   | 2007-2016                                      |
| All Sites  | 118.6  | -1.9*   | All Sites   | 176.3   | -1.2*   | All Sites  | 138.1   | -1.6*  |
| Lung and Bronchus  | 30.2   | -2.7*   | Lung and Bronchus   | 42.0  | -3.4*   | Lung and Bronchus  | 25.3  | -3.6*  |
| Liver & IBD <sup>f</sup>   | 13.8   | -0.9*   | Prostate  | 19.2  | -1.2  | Prostate   | 15.8  | -2.8*  |
| Colon and Rectum   |  |   |   |   |   |  |   |  |
| Prostate   | 11.6   | -2.4*   | Colon and Rectum  | 19.1  | 0.7   | Colon and Rectum   | 14.4  | -1.9*  |
| FIUSCACE   | 8.6  | -2.4*<br>-2.5*  | Colon and Rectum<br>Liver & IBD <sup>f</sup>  | 19.1<br>14.4  | 0.7<br>1.4  | Colon and Rectum<br>Liver & IBD <sup>f</sup>   |   | -1.9*<br>1.2*                                  |
| Pancreas   |  |   |   |   |   |  | 14.4  |  |
|  | 8.6  | -2.5*   | Liver & IBD <sup>f</sup>  | 14.4<br>9.9   | 1.4   | Liver & IBD <sup>f</sup>   | 14.4<br>13.3  | 1.2*   |
| Pancreas   | 8.6<br>8.2   | -2.5*<br>-0.4   | Liver & IBD <sup>f</sup><br>Pancreas  | 14.4<br>9.9   | 1.4   | Liver & IBD <sup>f</sup><br>Pancreas   | 14.4<br>13.3<br>9.4   | 1.2*<br>-0.2                                   |
| Pancreas<br>Stomach  | 8.6<br>8.2<br>6.8                                    | -2.5*<br>-0.4<br>-3.7*  | Liver & IBD <sup>f</sup><br>Pancreas<br>Kidney and Renal Pelvis   | 14.4<br>9.9<br>8.1                                    | 1.4<br>0.3<br>-2.1  | Liver & IBD <sup>f</sup><br>Pancreas<br>Stomach  | 14.4<br>13.3<br>9.4<br>6.5  | 1.2*<br>-0.2<br>-2.9*                          |
| Pancreas<br>Stomach<br>Non-Hodgkin Lymphoma  | 8.6<br>8.2<br>6.8<br>4.9<br>4.7                      | -2.5*<br>-0.4<br>-3.7*<br>-1.3*                                 | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach   | 14.4<br>9.9<br>8.1<br>6.9                             | 1.4<br>0.3<br>-2.1<br>-1.2                                      | Liver & IBD <sup>f</sup><br>Pancreas<br>Stomach<br>Non-Hodgkin Lymphoma  | 14.4<br>13.3<br>9.4<br>6.5<br>6.1<br>6.0                                    | 1.2*<br>-0.2<br>-2.9*<br>-1.3*                 |
| Pancreas<br>Stomach<br>Non-Hodgkin Lymphoma<br>Leukemia  | 8.6<br>8.2<br>6.8<br>4.9<br>4.7                      | -2.5*<br>-0.4<br>-3.7*<br>-1.3*<br>-1.1                         | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach Esophagus   | 14.4<br>9.9<br>8.1<br>6.9<br>6.2                      | 1.4<br>0.3<br>-2.1<br>-1.2<br>1.3                               | Liver & IBD <sup>f</sup> Pancreas Stomach Non-Hodgkin Lymphoma Leukemia  | 14.4<br>13.3<br>9.4<br>6.5<br>6.1   | 1.2*<br>-0.2<br>-2.9*<br>-1.3*<br>-0.7         |
| Pancreas<br>Stomach<br>Non-Hodgkin Lymphoma<br>Leukemia<br>Oral Cavity and Pharynx                                       | 8.6<br>8.2<br>6.8<br>4.9<br>4.7<br>3.1               | -2.5*<br>-0.4<br>-3.7*<br>-1.3*<br>-1.1                         | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach Esophagus Non-Hodgkin Lymphoma  | 14.4<br>9.9<br>8.1<br>6.9<br>6.2<br>5.8               | 1.4<br>0.3<br>-2.1<br>-1.2<br>1.3<br>2.2                        | Liver & IBD <sup>f</sup> Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Kidney and Renal Pelvis  | 14.4<br>13.3<br>9.4<br>6.5<br>6.1<br>6.0<br>5.0                             | 1.2* -0.2 -2.9* -1.3* -0.7 -0.5                |
| Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Oral Cavity and Pharynx Urinary Bladder Esophagus                         | 8.6<br>8.2<br>6.8<br>4.9<br>4.7<br>3.1<br>2.9        | -2.5*<br>-0.4<br>-3.7*<br>-1.3*<br>-1.1<br>1.3                  | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach Esophagus Non-Hodgkin Lymphoma Leukemia   | 14.4<br>9.9<br>8.1<br>6.9<br>6.2<br>5.8<br>5.4<br>3.9 | 1.4<br>0.3<br>-2.1<br>-1.2<br>1.3<br>2.2<br>-2.9                | Liver & IBD <sup>f</sup> Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Kidney and Renal Pelvis Urinary Bladder                                      | 14.4<br>13.3<br>9.4<br>6.5<br>6.1<br>6.0<br>5.0<br>3.8                      | 1.2* -0.2 -2.9* -1.3* -0.7 -0.5 -1.0           |
| Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Oral Cavity and Pharynx Urinary Bladder                                   | 8.6<br>8.2<br>6.8<br>4.9<br>4.7<br>3.1<br>2.9<br>2.7 | -2.5*<br>-0.4<br>-3.7*<br>-1.3*<br>-1.1<br>1.3<br>-0.1<br>-1.9* | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach Esophagus Non-Hodgkin Lymphoma Leukemia Urinary Bladder                         | 14.4<br>9.9<br>8.1<br>6.9<br>6.2<br>5.8<br>5.4<br>3.9 | 1.4<br>0.3<br>-2.1<br>-1.2<br>1.3<br>2.2<br>-2.9<br>-0.2        | Liver & IBD <sup>f</sup> Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Kidney and Renal Pelvis Urinary Bladder Esophagus                            | 14.4<br>13.3<br>9.4<br>6.5<br>6.1<br>6.0<br>5.0<br>3.8<br>3.7               | 1.2* -0.2 -2.9* -1.3* -0.7 -0.5 -1.0 -2.4*     |
| Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Oral Cavity and Pharynx Urinary Bladder Esophagus Kidney and Renal Pelvis | 8.6<br>8.2<br>6.8<br>4.9<br>4.7<br>3.1<br>2.9<br>2.7 | -2.5* -0.4 -3.7* -1.3* -1.1 1.3 -0.1 -1.9* -2.0*                | Liver & IBD <sup>f</sup> Pancreas Kidney and Renal Pelvis Stomach Esophagus Non-Hodgkin Lymphoma Leukemia Urinary Bladder Oral Cavity and Pharynx | 14.4<br>9.9<br>8.1<br>6.9<br>6.2<br>5.8<br>5.4<br>3.9 | 1.4<br>0.3<br>-2.1<br>-1.2<br>1.3<br>2.2<br>-2.9<br>-0.2<br>3.2 | Liver & IBD <sup>f</sup> Pancreas Stomach Non-Hodgkin Lymphoma Leukemia Kidney and Renal Pelvis Urinary Bladder Esophagus Brain and ONS <sup>f</sup> | 14.4<br>13.3<br>9.4<br>6.5<br>6.1<br>6.0<br>5.0<br>3.8<br>3.7<br>3.5<br>3.4 | 1.2* -0.2 -2.9* -1.3* -0.7 -0.5 -1.0 -2.4* 0.7 |

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- <sup>a</sup> Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Pates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- \* The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.28 Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Females

| All Ra   | ces  |   | White  |   |  | Black   |   |   |
|--|--|---|--|---|--|---|---|---|
|  | Rateb  | APC <sup>c</sup>  |  | Rateb   | APC°   |   | Rate <sup>b</sup>   | APC <sup>c</sup>  |
|  | 2012-2016  | 2007-2016   |  | 2012-2016   | 2007-2016  |   | 2012-2016   | 2007-2016   |
| All Sites  | 137.7  | -1.4*   | All Sites  | 138.3   | -1.3*  | All Sites   | 156.0   | -1.6*   |
| Lung and Bronchus  | 34.4   | -2.3*   | Lung and Bronchus  | 35.6  | -2.2*  | Lung and Bronchus   | 32.4  | -2.5*   |
| Breast   | 20.6   | -1.5*   | Breast   | 20.1  | -1.5*  | Breast  | 28.1  | -1.6*   |
| Colon and Rectum   | 11.9   | -2.4*   | Colon and Rectum   | 11.7  | -2.2*  | Colon and Rectum  | 15.5  | -3.1*   |
| Pancreas   | 9.6  | 0.1   | Pancreas   | 9.4   | 0.1  | Pancreas  | 12.2  | -0.5*   |
| Ovary  | 7.0  | -2.3*   | Ovary  | 7.3   | -2.3*  | Corpus and Uterus, NOS  | 8.5   | 2.2*  |
| Leukemia   | 4.9  | -1.5*   | Leukemia   | 5.1   | -1.3*  | Ovary   | 6.1   | -1.6*   |
| Corpus and Uterus, NOS   | 4.7  | 2.0*  | Non-Hodgkin Lymphoma   | 4.5   | -2.6*  | Myeloma   | 5.4   | -0.3  |
| Non-Hodgkin Lymphoma   | 4.4  | -2.6*   | Corpus and Uterus, NOS   | 4.4   | 1.8*   | Liver & IBD <sup>f</sup>  | 4.7   | 2.6*  |
| Liver & IBD <sup>f</sup>   | 3.9  | 2.6*  | Brain and ONS <sup>f</sup>   | 3.9   | 0.6*   | Leukemia  | 4.4   | -1.6*   |
| Brain and ONS <sup>f</sup>   | 3.6  | 0.6*  | Liver & IBD <sup>f</sup>   | 3.7   | 2.8*   | Stomach   | 3.8   | -3.6*   |
| Myeloma  | 2.7  | -0.4  | Kidney and Renal Pelvis  | 2.4   | -1.4*  | Cervix Uteri  | 3.5   | -3.1*   |
| Kidney and Renal Pelvis  | 2.3  | -1.6*   | Myeloma  | 2.4   | -0.5   | Non-Hodgkin Lymphoma  | 3.3   | -1.3*   |
| Cervix Uteri   | 2.3  | -0.6*   | Urinary Bladder  | 2.2   | -0.4   | Urinary Bladder   | 2.4   | -1.4*   |
| Stomach  | 2.3  | -1.8*   | Cervix Uteri   | 2.2   | 0.1  | Kidney and Renal Pelvis   |   | -2.5*   |
| Urinary Bladder  | 2.1  | -0.6*   | Stomach  | 2.0   | -1.6*  | Brain and ONS <sup>f</sup>  | 2.1   | 0.6   |
| Asian/Pacific  | : Islander   |   | American Indian/Alaska Native <sup>d</sup>   |   |  | Hispanic <sup>e</sup>   |   |   |
|  | Rateb  | APC°  |  | Rateb   | APCc   |   | Rateb   | APC <sup>c</sup>  |
|  | 2012-2016  | 2007-2016   |  |   | 2007-2016  |   | 2012-2016   |   |
| All Sites  | 86.6   | -1.0*   | All Sites  | 124.9   | -1.5*  | All Sites   | 96.2  | -0.9*   |
| Lung and Bronchus  | 17.3   | -1.3*   | T  |   |  |   |   |   |
| Breast   |  | -1.3.   | Lung and Bronchus  | 29.4  | -2.3*  | Breast  | 14.2  | -0.7*   |
| a 1 1 5 1  | 11.2   | -0.1  | Breast   | 29.4<br>14.3  | -2.3*<br>-0.7  | Breast<br>Lung and Bronchus   |   | -0.7*<br>-1.6*  |
| Colon and Rectum   | 11.2<br>8.4  |   | 9  |   |  |   | 14.2  |   |
| Pancreas   |  | -0.1  | Breast   | 14.3  | -0.7   | Lung and Bronchus   | 14.2<br>13.1  | -1.6*   |
|  | 8.4  | -0.1<br>-2.3*   | Breast<br>Colon and Rectum   | 14.3<br>13.0  | -0.7<br>-3.4*  | Lung and Bronchus<br>Colon and Rectum   | 14.2<br>13.1<br>8.8   | -1.6*<br>-2.3*  |
| Pancreas   | 8.4<br>7.1   | -0.1<br>-2.3*<br>0.0  | Breast<br>Colon and Rectum<br>Pancreas   | 14.3<br>13.0<br>8.0   | -0.7<br>-3.4*<br>0.5                                       | Lung and Bronchus<br>Colon and Rectum<br>Pancreas   | 14.2<br>13.1<br>8.8<br>7.7  | -1.6*<br>-2.3*<br>-0.1                                      |
| Pancreas<br>Liver & IBD <sup>f</sup>   | 8.4<br>7.1<br>5.8  | -0.1<br>-2.3*<br>0.0<br>-0.9  | Breast<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup>   | 14.3<br>13.0<br>8.0<br>7.4<br>6.3                             | -0.7<br>-3.4*<br>0.5<br>2.9                                | Lung and Bronchus<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup>   | 14.2<br>13.1<br>8.8<br>7.7<br>6.0   | -1.6*<br>-2.3*<br>-0.1<br>1.4*                              |
| Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary  | 8.4<br>7.1<br>5.8<br>4.4   | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9  | Breast<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary  | 14.3<br>13.0<br>8.0<br>7.4<br>6.3                             | -0.7<br>-3.4*<br>0.5<br>2.9<br>-0.8                        | Lung and Bronchus<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary  | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2  | -1.6*<br>-2.3*<br>-0.1<br>1.4*<br>-1.8*                     |
| Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach   | 8.4<br>7.1<br>5.8<br>4.4<br>4.2                                    | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9<br>-2.9*   | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis  | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8                      | -0.7<br>-3.4*<br>0.5<br>2.9<br>-0.8<br>-3.3                | Lung and Bronchus<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach   | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0   | -1.6*<br>-2.3*<br>-0.1<br>1.4*<br>-1.8*<br>-1.0*            |
| Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach<br>Non-Hodgkin Lymphoma   | 8.4<br>7.1<br>5.8<br>4.4<br>4.2<br>3.1                             | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9<br>-2.9*<br>-1.5*                                  | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis Stomach  | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8<br>3.6               | -0.7 -3.4* 0.5 2.9 -0.8 -3.3 -1.5                          | Lung and Bronchus<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach<br>Corpus and Uterus, NOS   | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0<br>3.9                                    | -1.6* -2.3* -0.1 1.4* -1.8* -1.0* 2.8*                      |
| Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach<br>Non-Hodgkin Lymphoma<br>Corpus and Uterus, NOS                                   | 8.4<br>7.1<br>5.8<br>4.4<br>4.2<br>3.1<br>3.1                      | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9<br>-2.9*<br>-1.5*<br>2.8*                          | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis Stomach Corpus and Uterus, NOS                                       | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8<br>3.6<br>3.5        | -0.7<br>-3.4*<br>0.5<br>2.9<br>-0.8<br>-3.3<br>-1.5<br>0.5 | Lung and Bronchus<br>Colon and Rectum<br>Pancreas<br>Liver & IBD <sup>f</sup><br>Ovary<br>Stomach<br>Corpus and Uterus, NOS<br>Leukemia   | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0<br>3.9<br>3.8                             | -1.6* -2.3* -0.1 1.4* -1.8* -1.0* 2.8* -0.9                 |
| Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Non-Hodgkin Lymphoma Corpus and Uterus, NOS Leukemia   | 8.4<br>7.1<br>5.8<br>4.4<br>4.2<br>3.1<br>3.1<br>2.8               | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9<br>-2.9*<br>-1.5*<br>2.8*<br>-2.4*                 | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis Stomach Corpus and Uterus, NOS Non-Hodgkin Lymphoma                  | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8<br>3.6<br>3.5        | -0.7 -3.4* 0.5 2.9 -0.8 -3.3 -1.5 0.5 -3.6                 | Lung and Bronchus Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Corpus and Uterus, NOS Leukemia Non-Hodgkin Lymphoma   | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0<br>3.9<br>3.8<br>3.8                      | -1.6* -2.3* -0.1 1.4* -1.8* -1.0* 2.8* -0.9 -2.7*           |
| Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Non-Hodgkin Lymphoma Corpus and Uterus, NOS Leukemia Brain and ONS <sup>f</sup>              | 8.4<br>7.1<br>5.8<br>4.4<br>4.2<br>3.1<br>3.1<br>2.8               | -0.1 -2.3* 0.0 -0.9 -0.9 -1.5* 2.8* -2.4* 4.5*  | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis Stomach Corpus and Uterus, NOS Non-Hodgkin Lymphoma Leukemia         | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8<br>3.6<br>3.5<br>3.3 | -0.7 -3.4* 0.5 2.9 -0.8 -3.3 -1.5 0.5 -3.6 -4.4            | Lung and Bronchus Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Corpus and Uterus, NOS Leukemia Non-Hodgkin Lymphoma Cervix Uteri                            | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0<br>3.9<br>3.8<br>3.8<br>2.6               | -1.6* -2.3* -0.1 1.4* -1.8* -1.0* 2.8* -0.9 -2.7* -1.2*     |
| Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Non-Hodgkin Lymphoma Corpus and Uterus, NOS Leukemia Brain and ONS <sup>f</sup> Cervix Uteri | 8.4<br>7.1<br>5.8<br>4.4<br>4.2<br>3.1<br>3.1<br>2.8<br>1.9<br>1.7 | -0.1<br>-2.3*<br>0.0<br>-0.9<br>-0.9<br>-2.9*<br>-1.5*<br>2.8*<br>-2.4*<br>4.5*<br>-1.1 | Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Kidney and Renal Pelvis Stomach Corpus and Uterus, NOS Non-Hodgkin Lymphoma Leukemia Myeloma | 14.3<br>13.0<br>8.0<br>7.4<br>6.3<br>3.8<br>3.6<br>3.5<br>3.3 | -0.7 -3.4* 0.5 2.9 -0.8 -3.3 -1.5 0.5 -3.6 -4.4 3.6        | Lung and Bronchus Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Ovary Stomach Corpus and Uterus, NOS Leukemia Non-Hodgkin Lymphoma Cervix Uteri Brain and ONS <sup>f</sup> | 14.2<br>13.1<br>8.8<br>7.7<br>6.0<br>5.2<br>4.0<br>3.9<br>3.8<br>3.8<br>2.6<br>2.6<br>2.3 | -1.6* -2.3* -0.1 1.4* -1.8* -1.0* 2.8* -0.9 -2.7* -1.2* 1.1 |

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- <sup>a</sup> Top 15 cancer sites selected based on 2012-2016 age-adjusted rates for the race/ethnic group.
- Pates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- \* The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.