**Supplementary Table: Cancer Incidence Rates by U.S. Census Region and Race/Ethnicity**

|  | **Northeast** | **Midwest** | **South** | **West** |
| --- | --- | --- | --- | --- |
|  | **Rural** | **Urban** | **Rural** | **Urban** | **Rural** | **Urban** | **Rural** | **Urban** |
| All Cancers NH WhiteNH Black Hispanic | 477.7c428.4 c368.5 | 496.7480.8392.9 | 445.8c418.7c305.9 c | 462.8491.6339.8 | 452.9464.2320.0 c | 454.4463.0348.7 | 425.7 c332.4 c328.3 c | 448.6455.3337.4 |
| Tobacco- Associated NH WhiteNH Black Hispanic | 209.2 c192.9159.9 | 206.8204.2162.7 | 204.1c208.8c135.9c | 202.3232.4148.3 | 218.3 c218.2 c156.5 c | 199.7205.1152.5 | 177.6145.7c150.1 c | 176.2201.1142.8 |
| HPV-Associated NH WhiteNH Black Hispanic | 12.5 c7.6 c10.1 | 11.513.512.7 | 11.98.4 c9.0 | 11.913.09.7 | 14.0 c13.6 c10.4 | 13.612.19.6 | 11.6--d7.7 c | 11.510.69.0 |
| Prostate NH WhiteNH Black Hispanic | 118.7 c172.1 c122.7 | 125.4221.3142.5 | 107.3 c144.8 c83.5 c | 114.8190.7100.4 | 104.2 c194.971.9 c | 111.8197.998.9 | 112.9 c118.4 c82.4 c | 115.1180.6100.6 |
| Breast (female) NH WhiteNH Black Hispanic | 122.6 c118.888.4 | 138.8122.798.7 | 115.1c112.2c77.3 | 129.4127.985.0 | 110.4 c118.8 c77.9 c | 125.7125.592.6 | 117.5 c90.8 c88.0 | 134.7126.490.7 |
| Lung and BronchusNH WhiteNH Black Hispanic | 69.5 c62.644.5 | 66.962.137.0 | 68.980.336.3 | 68.974.833.6 | 80.2 c70.3 c36.8 c | 69.765.133.7 | 55.0 c52.135.9 c | 53.960.428.6 |
| Colorectal NH White NH Black Hispanic | 43.3 c37.2 c35.2 | 41.746.837.8 | 44.5c45.8c29.2 | 40.951.432.5 | 44.3 c54.9 c37.4 | 38.648.536.7 | 36.829.4 c37.7 c | 37.248.934.0 |
| Urinary BladderNH White NH Black Hispanic | 27.319.4 c17.1 | 27.212.513.8 | 22.0c15.010.7 | 23.012.712.0 | 20.6 c10.2 c9.9 c | 21.511.311.3 | 22.2--d10.2 | 22.213.510.4 |
| Melanoma NH White NH Black Hispanic | 22.8 c--d8.5c | 24.91.03.5 | 19.6c--d5.1 | 21.90.94.7 | 22.2 c1.25.4 | 26.61.14.8 | 26.9c--d5.6c | 31.013.54.5 |
| Kidney and Renal Pelvis NH White NH Black Hispanic | 16.1 c15.915.7 | 16.616.912.9 | 17.1c17.014.1 | 16.819.716.1 | 17.6 c17.717.2 | 16.417.716.6 | 13.9 c11.0 c16.5 | 14.718.016.2 |
| Non-Hodgkin Lymphoma NH White NH Black Hispanic | 20.5 c17.419.1 | 22.215.619.4 | 19.5c12.616.6 | 20.514.416.6 | 17.8 c12.5 c15.5 c | 19.014.216.8 | 18.1c--d13.1 c | 19.514.817.2 |
| Leukemia NH White NH Black Hispanic | 15.68.610.2 | 15.310.311.6 | 13.710.510.6 | 13.710.910.8 | 13.310.210.0 | 13.510.410.8 | 13.6--d9.8 | 13.811.110.2 |
| Oral Cavity and Pharynx NH White NH Black Hispanic | 11.59.7--d | 11.58.98,6 | 11.99.77.3 | 11.710.46.3 | 13.6 c11.5 c6.6 c | 13.39.27.5 | 11.7--d6.3 | 11.88.66.4 |
| Endometrial  NH White NH Black Hispanic | 31.5--d21.6 | 32.229.625.1 | 27.9 c19.8 c21.9 | 29.125.222.5 | 22.123.518.6 c | 22.223.521.5 | 23.5 c27.418.3 c | 25.124.320.6 |
| Thyroid NH White NH Black Hispanic | 16.4 c7.913.3 | 21.311.616.2 | 12.7 c5.2 c7.7 c | 14.59.011.7 | 11.9 c6.8 c7.6 c | 13.38.312.7 | 12.6 c--d11.5 | 14.98.811.8 |
| Pancreas NH White NH Black Hispanic | 12.8 c10.1 c9.9 | 13.515.911.7 | 11.7 c14.1 c8.7 c | 12.617.011.7 | 11.815.310.9 | 11.815.311.1 | 11.0 c8.8 c11.1 | 11.915.210.9 |
| Esophagus NH White NH Black Hispanic | 6.0 c--d-- d | 5.311.53.4 | 5.45.33.9 | 5.44.92.9 | 4.65.9 c2.8 | 4.74.32.6 | 5.2 c--d2.9 | 4.73.62.7 |
| Larynx NH White NH Black Hispanic | 4.0 c6.2d--d | 3.54.23.4 | 4.2 c3.8 c--d | 3.95.32.3 | 5.1 c6.3 c2.9 | 4.04.72.9 | 2.8 c--d2.2 | 2.53.62.1 |
| Brain and Other Nervous SystemNH White NH Black Hispanic | 7.6--d--d | 7.63.95.5 | 7.0 c3.73.9 | 7.43.85.0 | 7.1 c3.84.5 c | 7.44.25.4 | 7.3--d5.1 | 7.63.94.9 |
| Cervix NH White NH Black Hispanic | 7.2 c--d--d | 6.310.710.4 | 7.6 c9.46.9 c | 6.79.59.5 | 9.0 c10.9 c11.3 | 7.79.810.6 | 7.0 c--d7.1 c | 6.36.49.1 |

a Rates are expressed per 100,000 people and age-adjusted to the 2000 US standard population.

b NH=Non-Hispanic

cThe rate ratio indicates that the rural rates is statistically significantly different than the urban rate (p<0.05).

d This rate was based on fewer than 25 cases and is therefore statistically unstable and not displayed.