

Working Together Towards a Healthier Westchester

Westchester County Community Health Assessment

Supplemental Data Report IV: Cancer

Westchester County
Department of
Health



2013

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FOREWORD

The Westchester County Department of Health (WCDH) plays a leading role in promoting health, preventing disease, and prolonging meaningful life for Westchester County residents. WCDH monitors and controls the spread of communicable diseases, monitors and regulates air and water quality, enforces the state and local sanitary code, promotes local public health activities, and assures the availability of community health services.

To comply with New York State Public Health Law, WCDH has collaborated with local hospitals and other community health partners to complete a *Community Health Assessment (CHA)*, which describes the current health status of Westchester County residents, identifies existing gaps and health care barriers, assesses the availability and accessibility of health care services, and specifies public health priorities in the county. In addition, a *Community Health Improvement Plan (CHIP)* has been crafted to lay out the specific objectives, goals, and actions of the Health Department which address the public health priorities identified in the Community Health Assessment.

Supplementing the *Westchester County Community Health Assessment (CHA) and Community Health Improvement Plan (CHIP), 2014-2017*, six additional data reports are compiled to provide detailed data addressing specific areas relevant to the county's public health. These reports are:

- Westchester County Community Health Assessment Supplemental Data Report 1. Population
- Westchester County Community Health Assessment Supplemental Data Report 2. Vital Statistics
- Westchester County Community Health Assessment Supplemental Data Report 3. Communicable Diseases
- Westchester County Community Health Assessment Supplemental Data Report 4. Cancer
- Westchester County Community Health Assessment Supplemental Data Report 5. Emergency Room Visits
- Westchester County Community Health Assessment Supplemental Data Report 6. Hospitalizations

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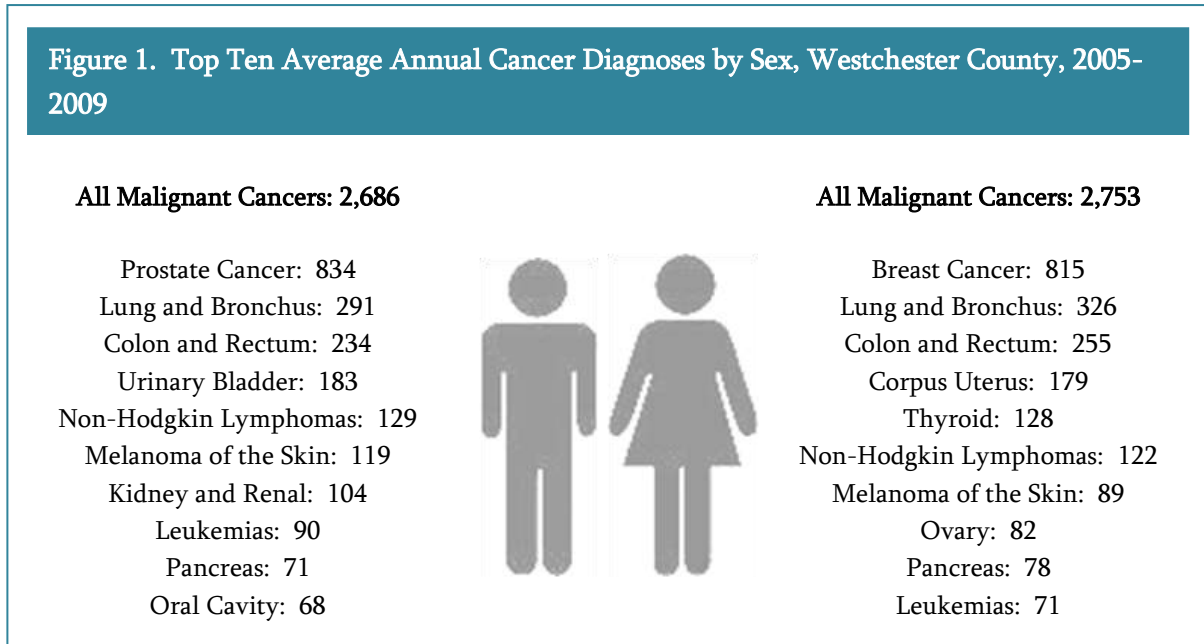
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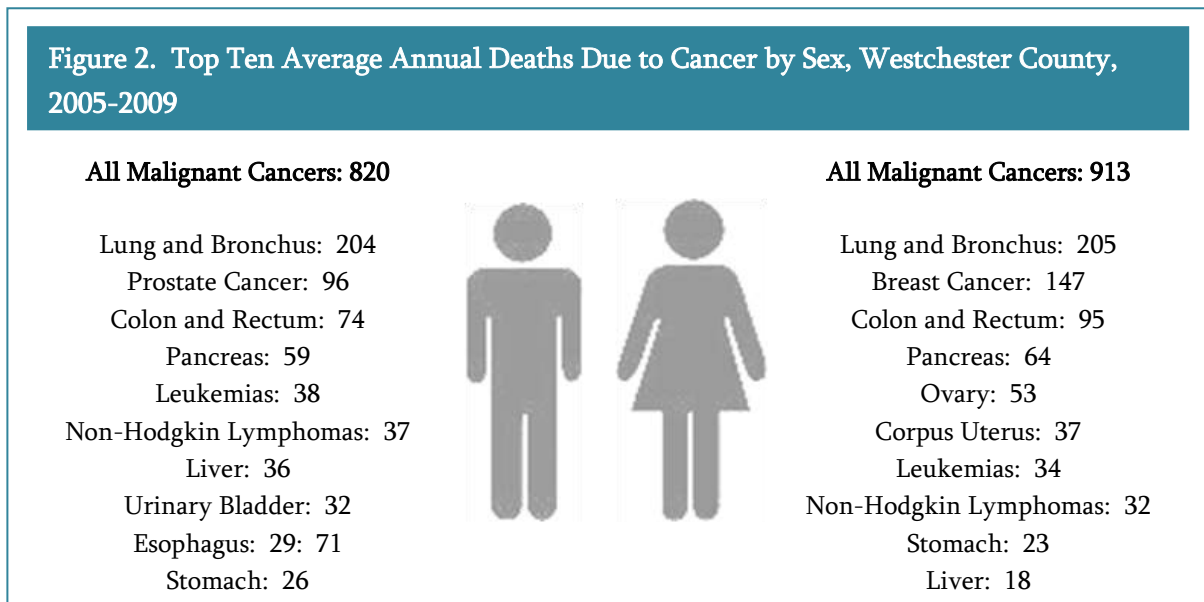
- Between 2005 and 2009, over 5,400 cancer cases were reported each year among Westchester County residents. Among them, 2,686 were men and 2,753 were women.

Figure 1. Top Ten Average Annual Cancer Diagnoses by Sex, Westchester County, 2005-2009



- On average, more than 1,700 people died from cancer each year in Westchester County between 2005 and 2009. Among them, 820 were men and 913 were women.

Figure 2. Top Ten Average Annual Deaths Due to Cancer by Sex, Westchester County, 2005-2009

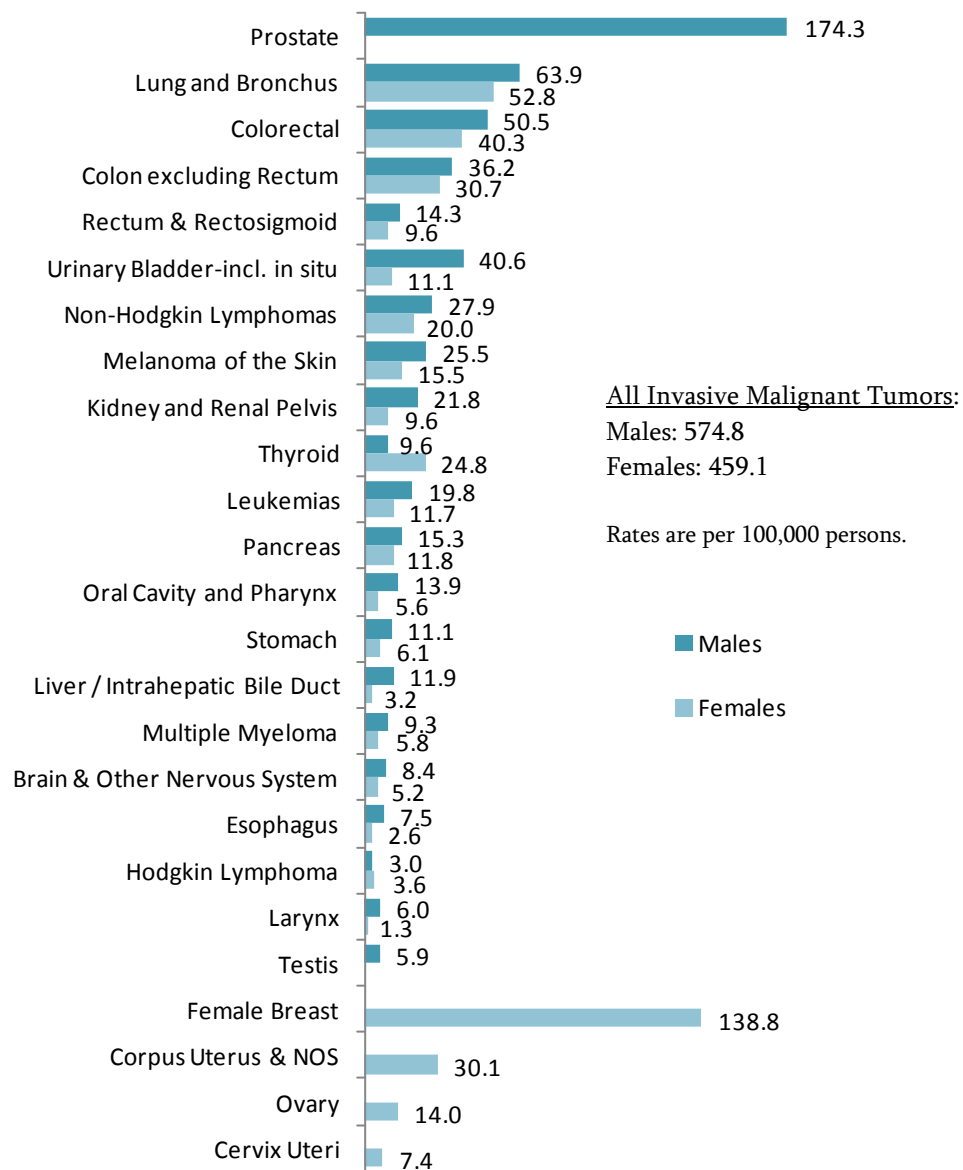


- Overall, black men were more likely to be diagnosed with, and to die from, cancer than white men.
- Black women had a lower incidence rate for all combined cancers than white women. However, black women had a higher overall cancer mortality rate than white women.
- Hispanic men and women had lower overall cancer incidence and mortality rates than non-Hispanic men and women.

Cancer Incidence by Sex

The average annual incidence rate of all invasive malignant cancers was 574.8 per 100,000 among men, and 459.1 per 100,000 among women. During 2005-2009, the cancer incidence rate was significantly higher among men than women. (Figure 3)

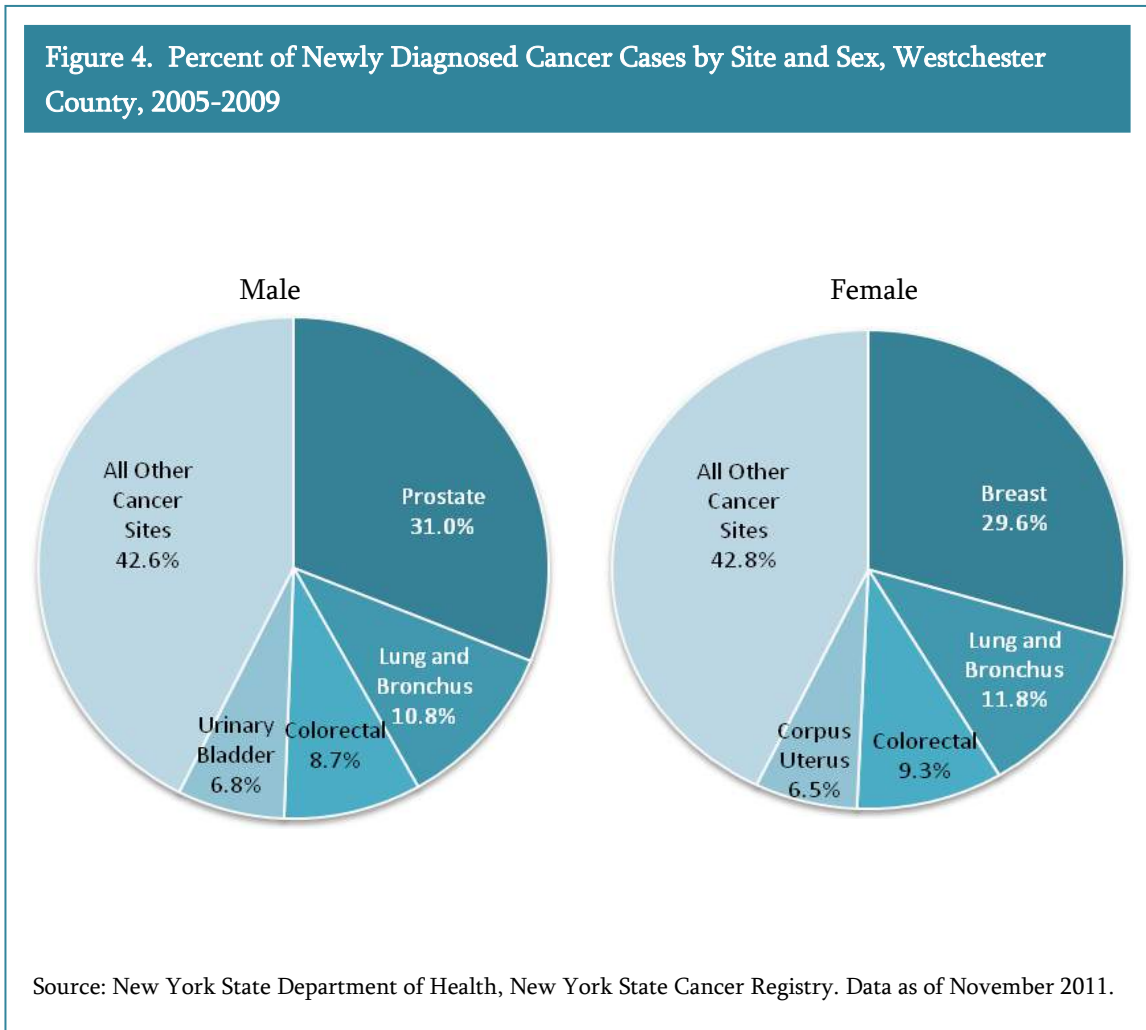
Figure 3. Average Annual Cancer Incidence Rates by Sex, Westchester County, 2005-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Prostate cancer was the most commonly diagnosed cancer in men, accounting for almost a third of all male cancer cases. Lung cancer was the second most common cancer among men, closely followed by colorectal cancer, and urinary bladder cancer. (Figure 4)

Breast cancer was the most commonly diagnosed cancer in women, accounting for almost 30% of female cancer cases. Lung cancer was the second most common cancer, followed by colorectal and uterus cancer.



Cancer Incidence by Sex, Race, and Ethnicity

Males

Between 2005 and 2009, cancers of the prostate, lung, and colon were the most commonly diagnosed cancers for men in every racial/ethnic group. (Figure 5)

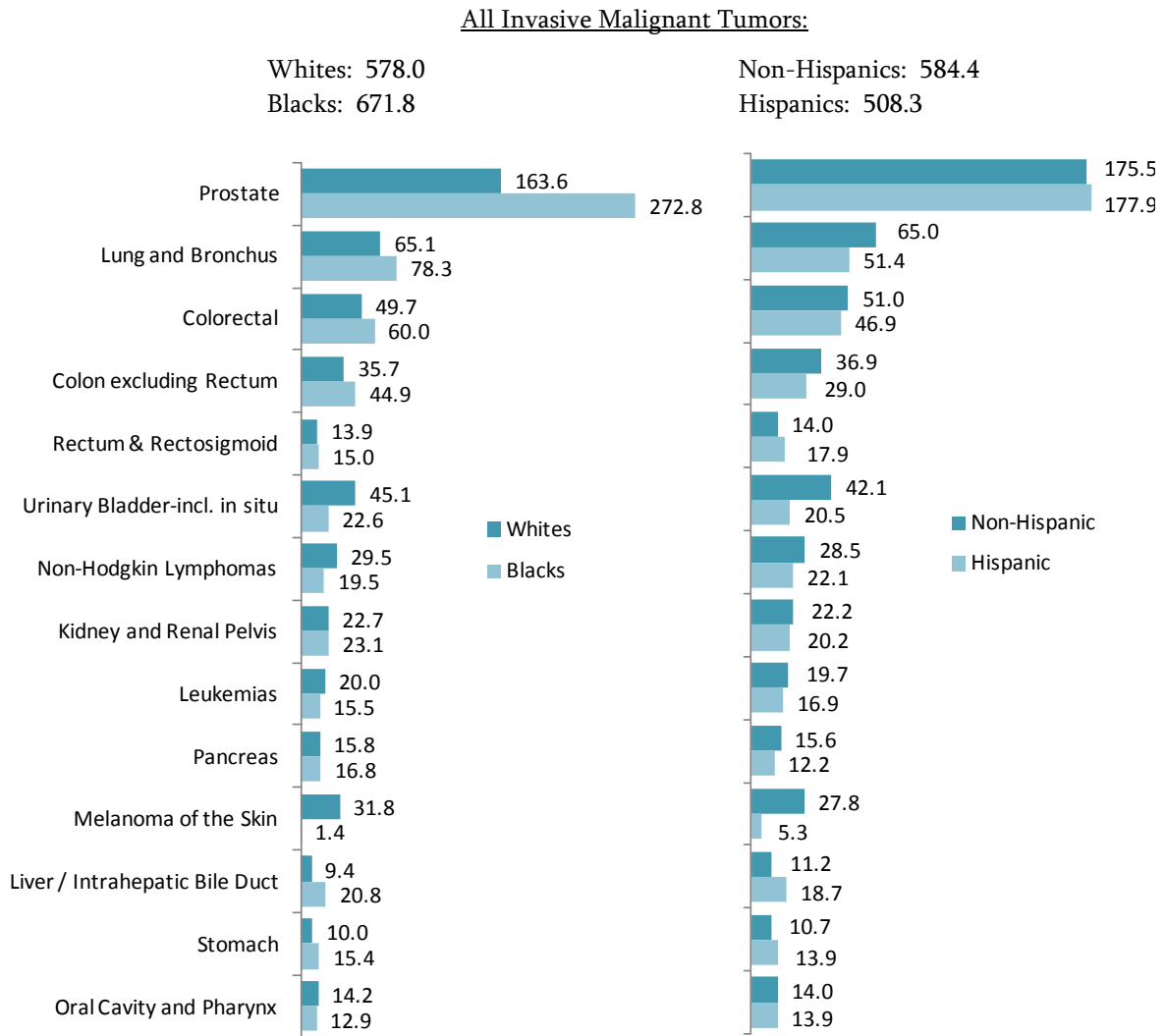
Black males had a significantly higher incidence rate for all invasive malignant tumors than white males, with 671.8 cases compared to 578.0 cases per 100,000 populations.

Compared to white males, black males also had significantly higher incidence rates of prostate cancer (272.8 vs. 163.6 cases per 100,000), Multiple Myeloma (18.3 vs. 8.2 per 100,000), and liver/intrahepatic bile duct cancer (20.8 vs. 9.4 per 100,000).

However, cancer incidence rates were lower among black males than among white males in some specific cancer sites: melanoma of the skin, urinary bladder, and Non-Hodgkin Lymphomas.

Hispanic men had a significantly lower incidence rate for all malignant cancers (508.3 per 100,000) compared to non-Hispanic men (584.1 per 100,000). (Figure 5)

Figure 5. Average Annual Cancer Incidence Rates among Males by Race and Ethnicity, Westchester County, 2005-2009



Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as November 2011.

Females

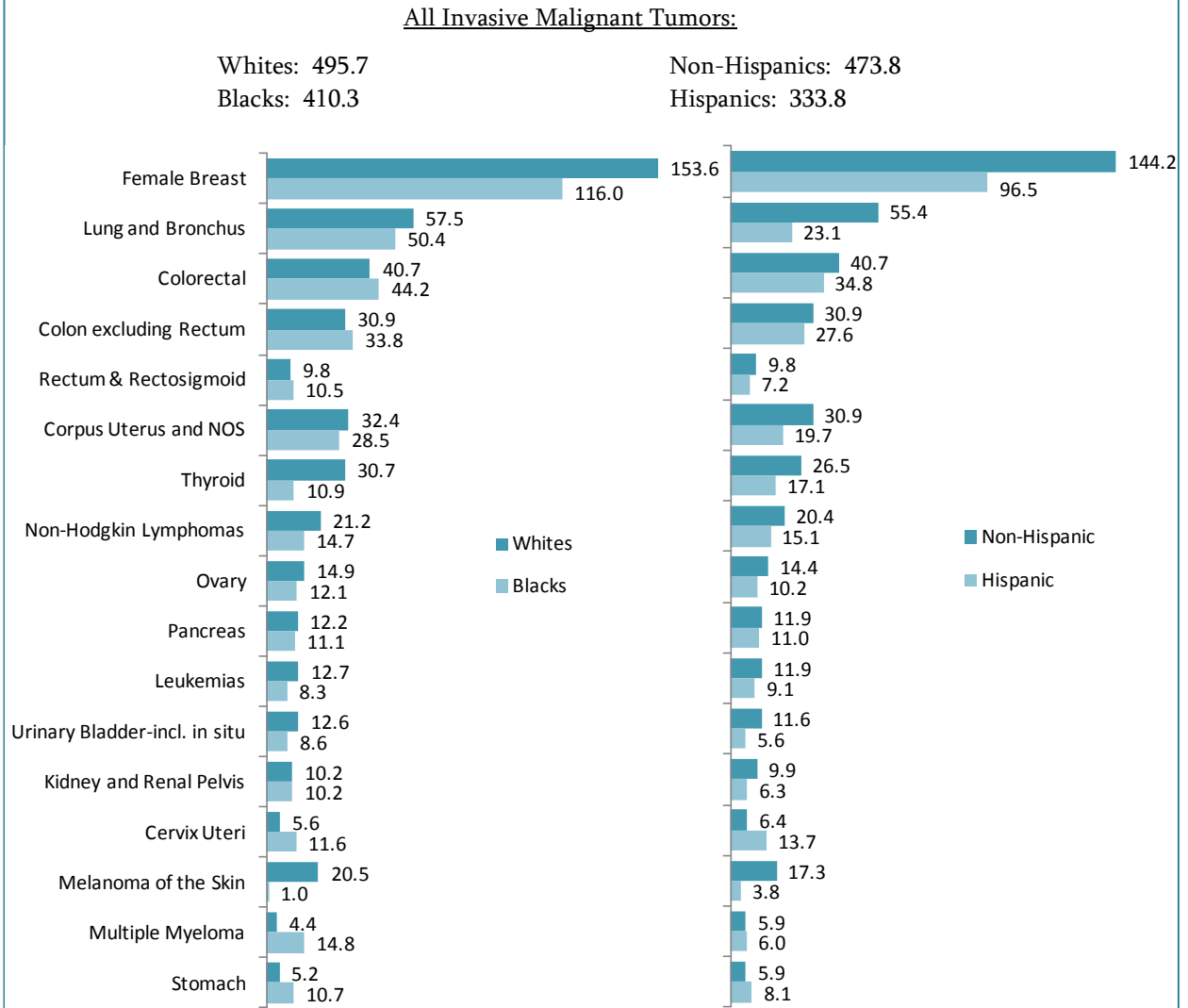
Between 2005 and 2009, cancers of the breast, lung, and colon had the highest rates of incidence among women in every racial/ethnic group. (Figure 6)

The overall cancer incidence rate was significantly higher among white women than among black women (495.7 per 100,000 vs. 410.3 per 100,000, respectively). White women had significantly higher incidence rates compared to blacks for several cancer sites including: melanoma of the skin, breast, thyroid, and Non-Hodgkin lymphomas.

However, black women had significantly higher incidence rates of stomach cancer, cervical cancer, and multiple myeloma.

Compared to non-Hispanic women, Hispanic women had a significantly lower incidence rate for all combined cancers (333.8 vs. 473.8 per 100,000); as well as for lung and bronchus cancer, breast cancer, uterine cancer, and thyroid cancer. Hispanic women, however, had a significantly higher incidence rate of cervical cancer compared to non-Hispanic women. (Figure 6)

Figure 6. Average Annual Cancer Incidence Rates among Females by Race and Ethnicity, Westchester County, 2005-2009



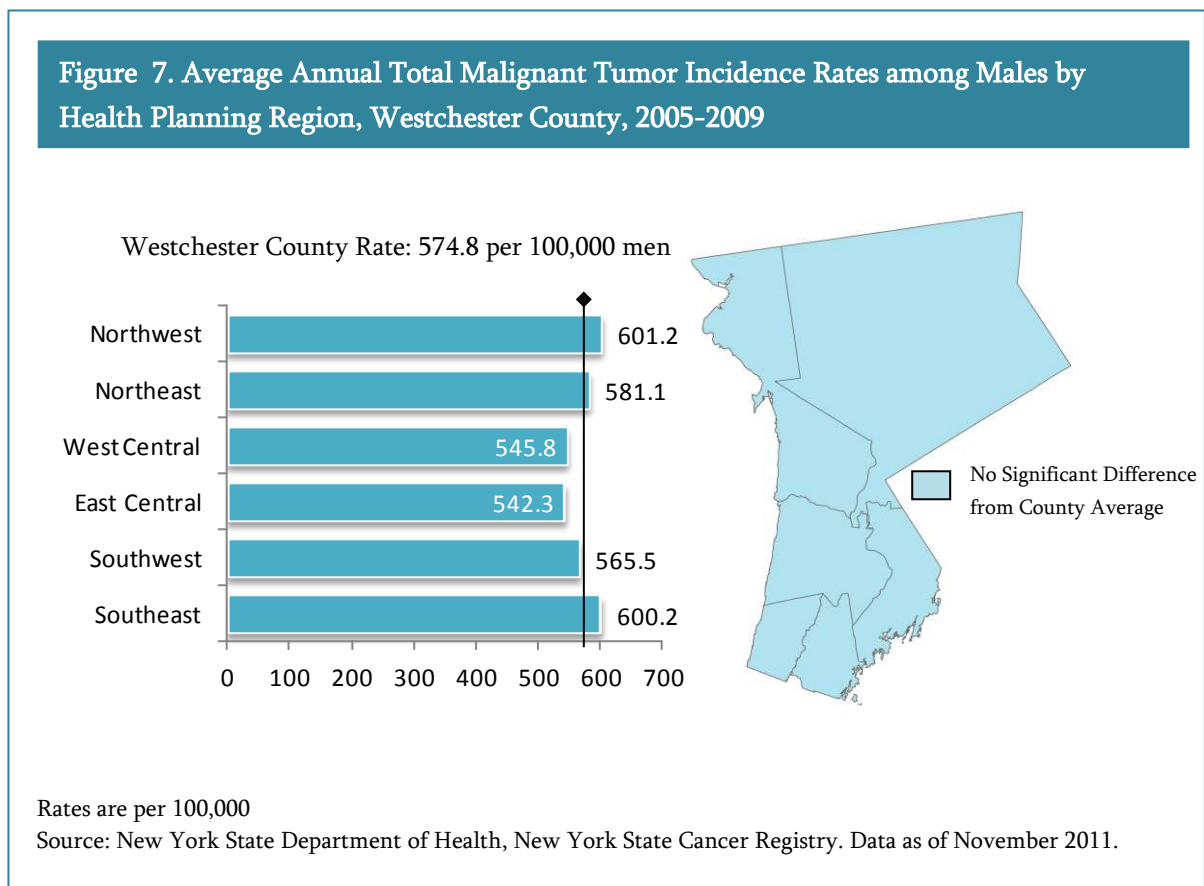
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as November 2011.

Cancer Incidence by Region of Westchester County

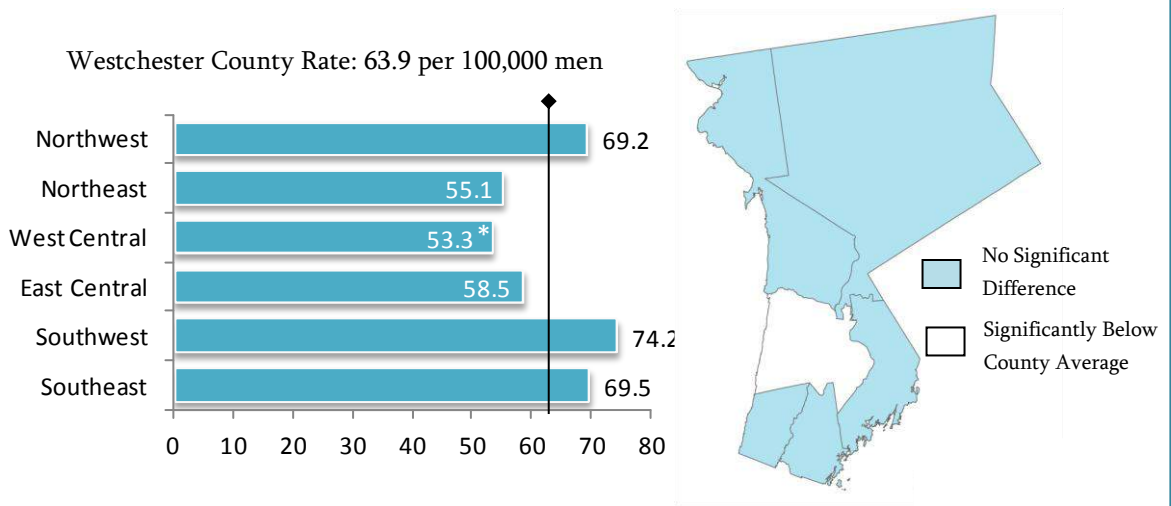
Males

For all malignant cancers diagnosed in men between 2005 and 2009, there were no significant differences among the Health Planning Regions (HPR) and the average rate for the County as a whole. (Figure 7)



The average incidence rate of lung and bronchus cancer was significantly lower in the West Central HPR (53.3 per 100,000) than the County average (63.9 per 100,000 men). (Figure 8)

Figure 8. Average Annual Lung and Bronchus Cancer Incidence Rates among Males by Health Planning Region, Westchester County, 2005-2009

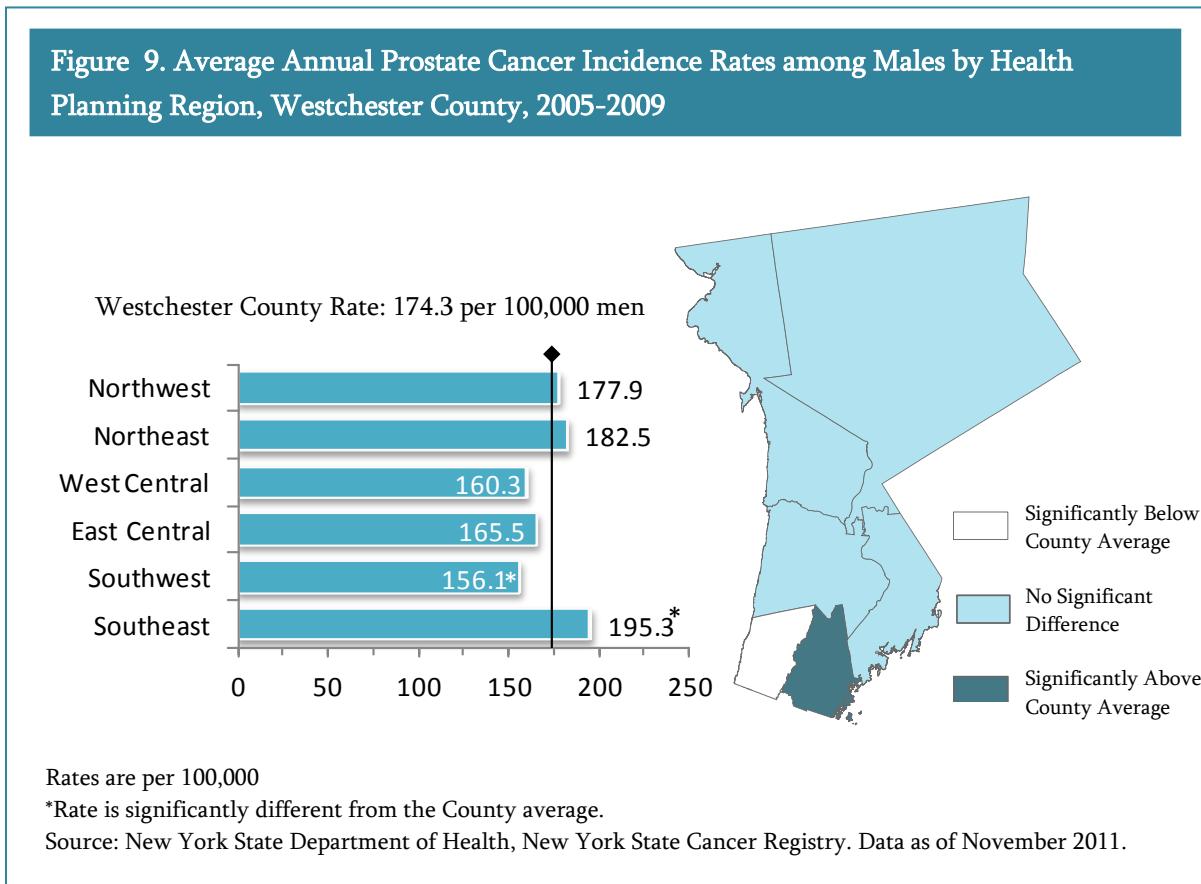


Rates are per 100,000.

*Rate is significantly different from the County average.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

The highest incidence rate of prostate cancer in Westchester County was in the Southeast HPR (195.3 per 100,000), which was also significantly higher than the county average (174.3 per 100,000). The incidence rate of prostate cancer in Southwest HPR was significantly lower (156.1 per 100,000) than the county average. (Figure 9)



Among males, incidence rates of colorectal cancer did not show any significant differences by region. (Figure 10)

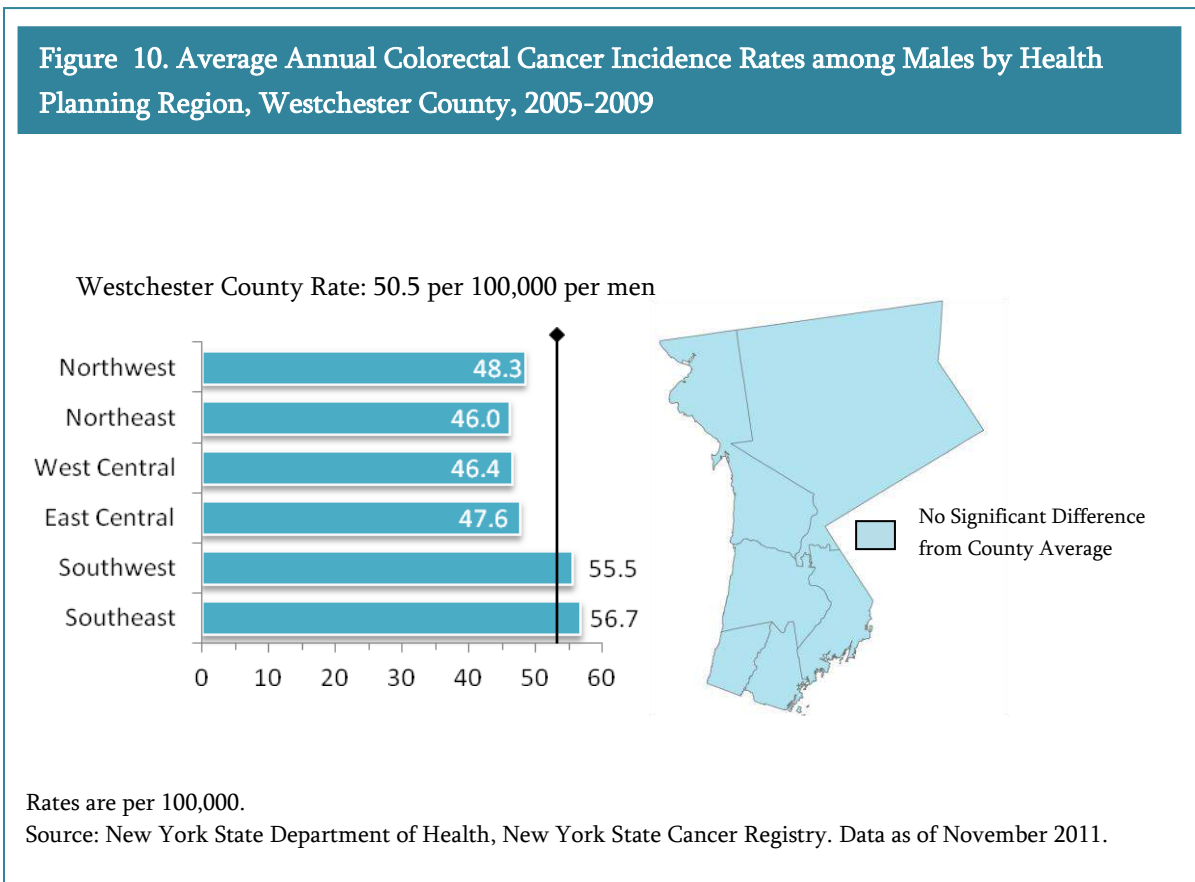
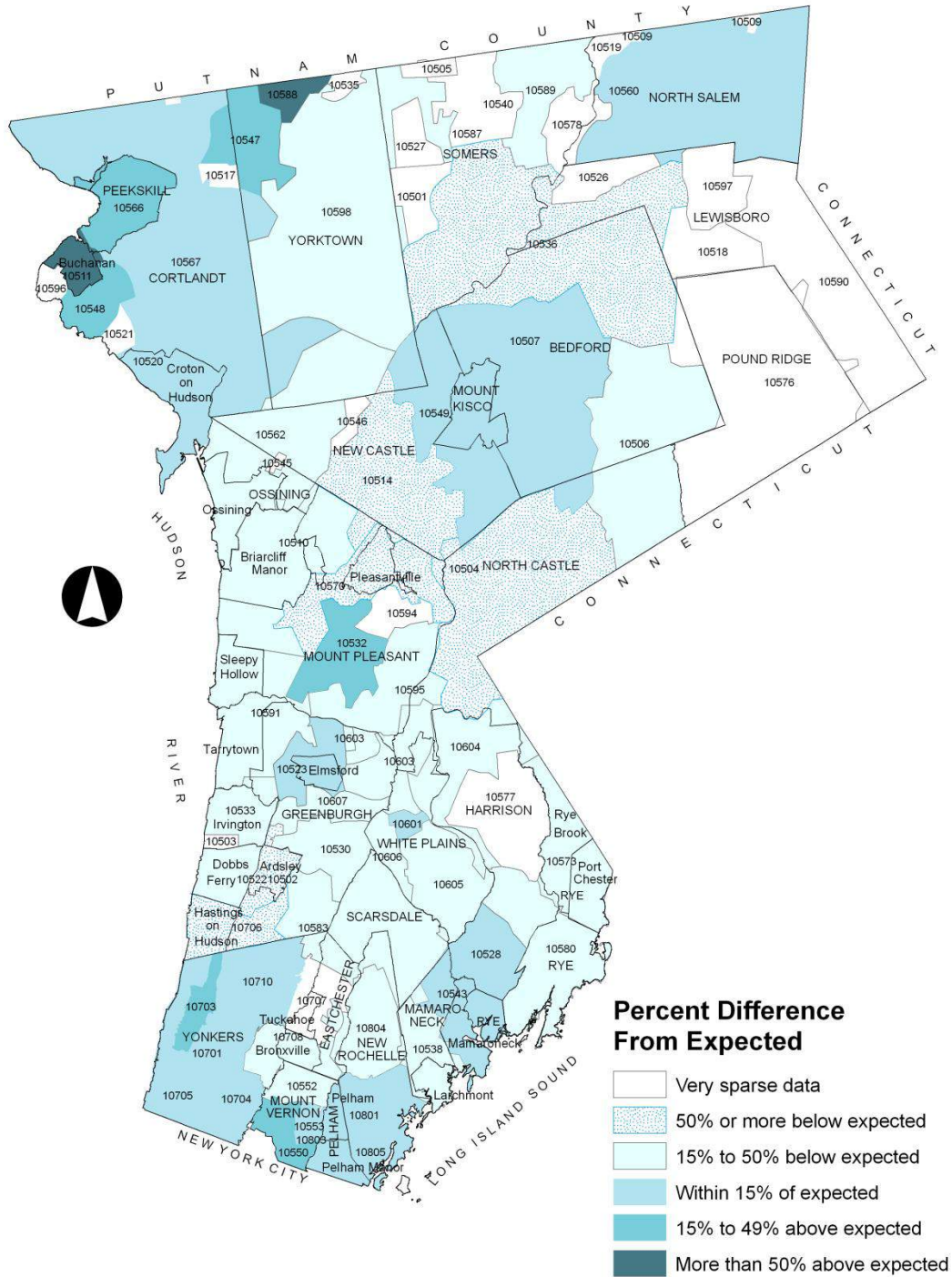
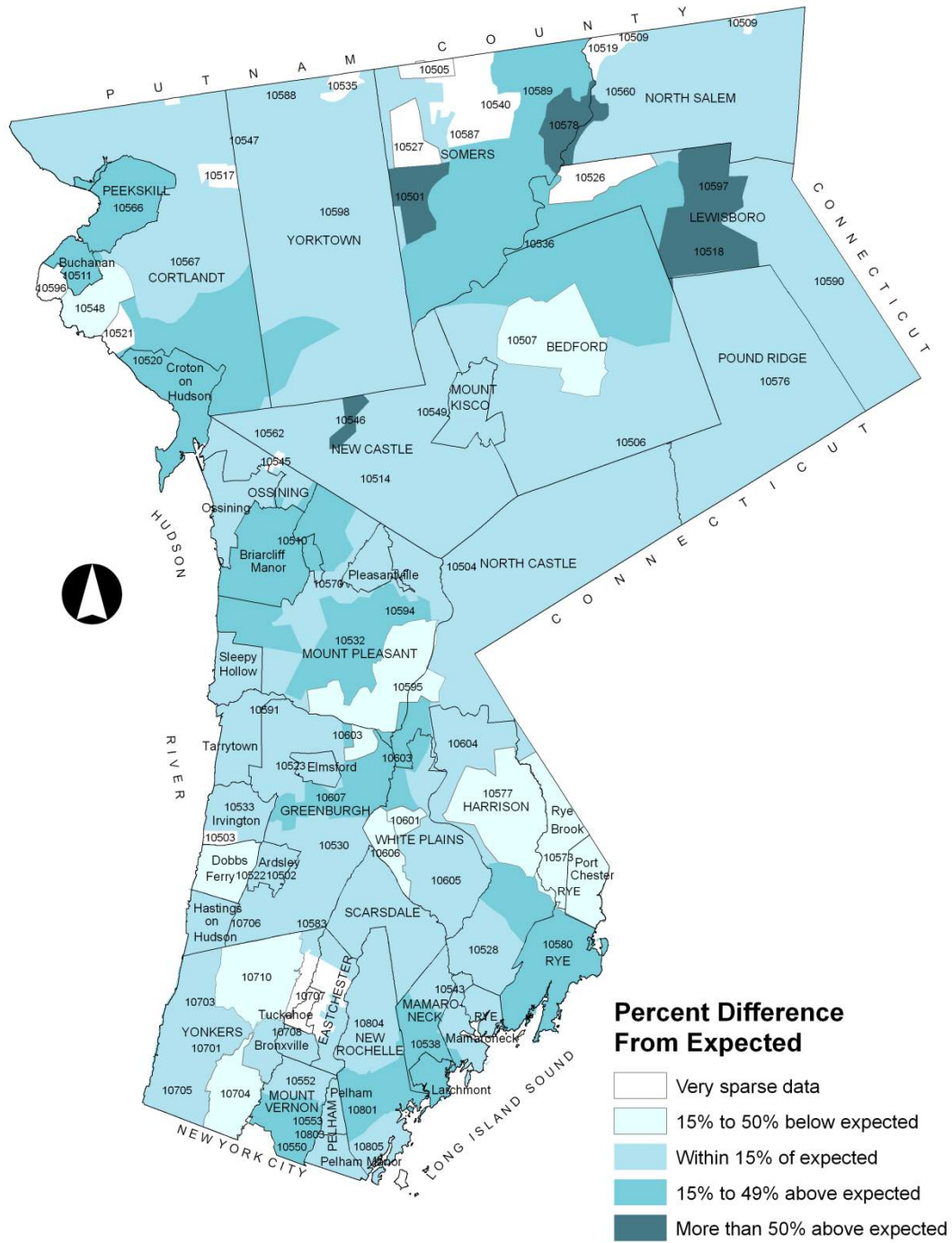


Figure 11. Percent Difference From Expected of Lung and Bronchus Cancer among Males by Municipality, Westchester County, 2005-2009



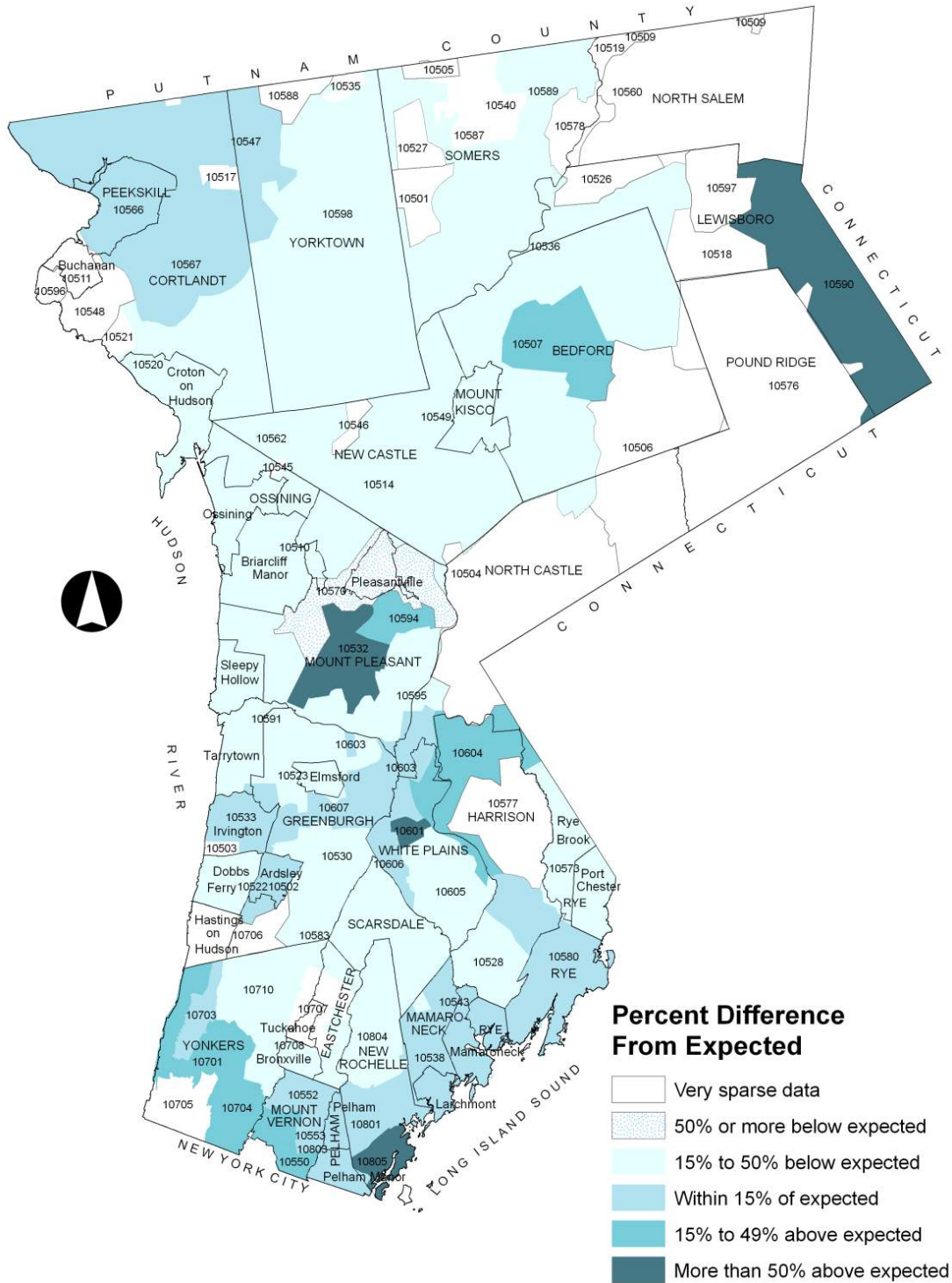
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Figure 12. Percent Difference From Expected of Prostate Cancer by Municipality, Westchester County, 2005-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Figure 13. Percent Difference From Expected of Colorectal Cancer among Males by Municipality, Westchester County, 2005-2009

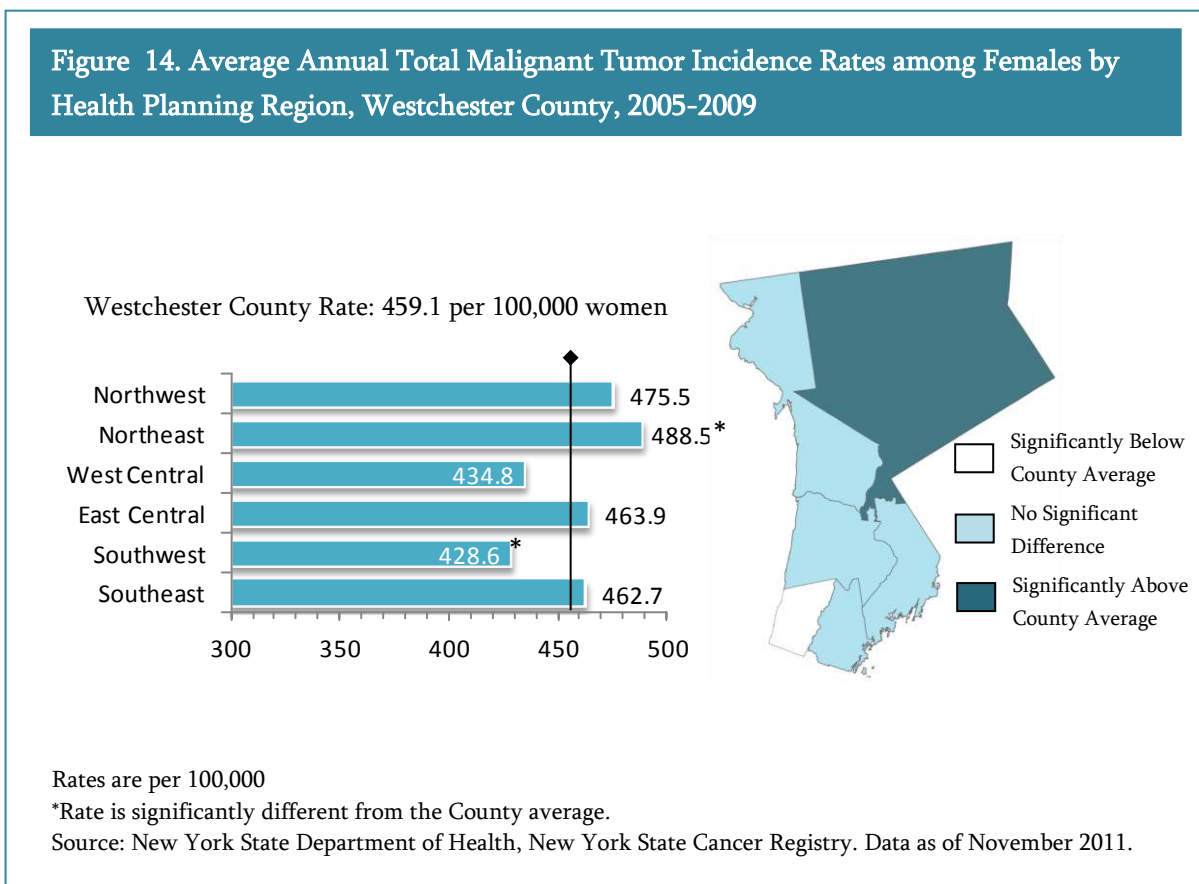


Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

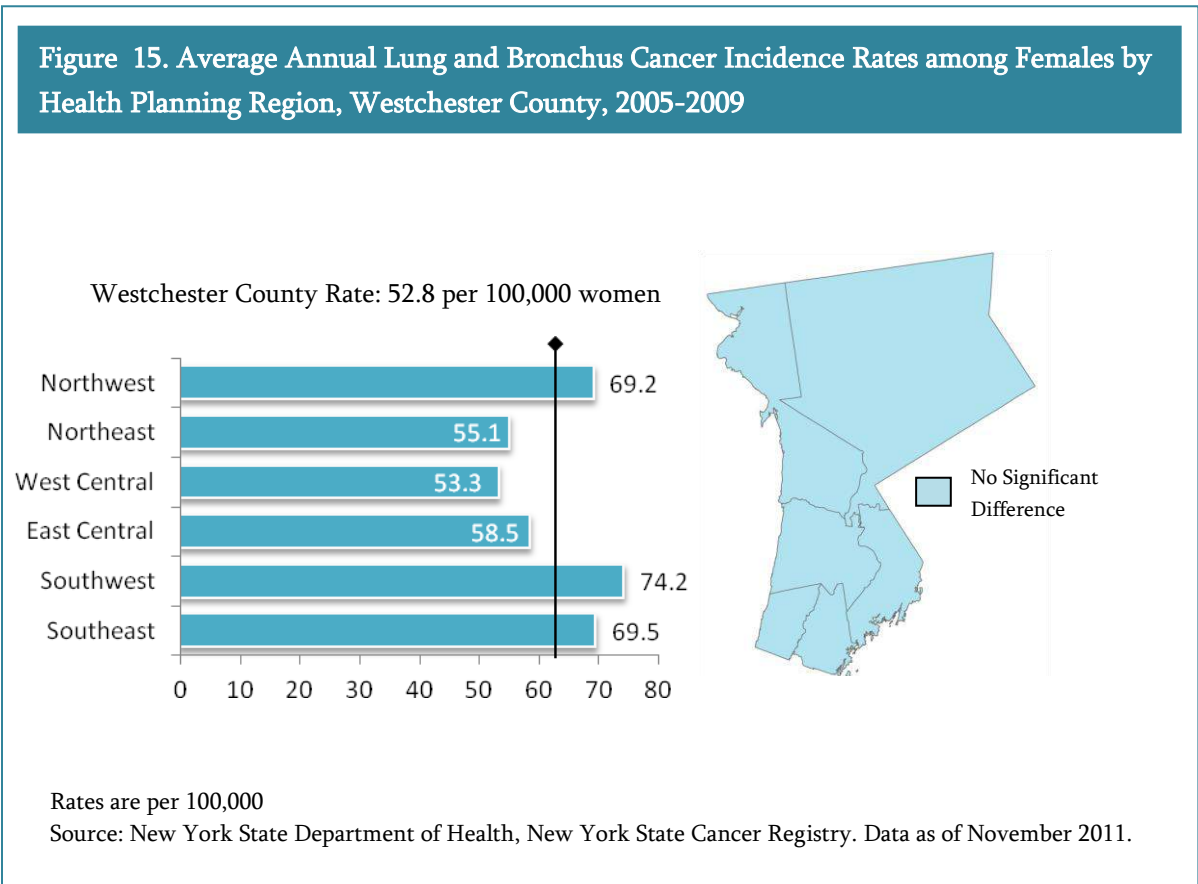
Females

Among females, those residing in the Northeast had the highest average annual incidence rate for all invasive malignant tumors (488.5 per 100,000 women), significantly higher than the county average (459.1 per 100,000 women). (Figure 14)

Women living in the Southwest HPR had the lowest total cancer incidence rate (428.6 per 100,000), significantly lower than the county average.

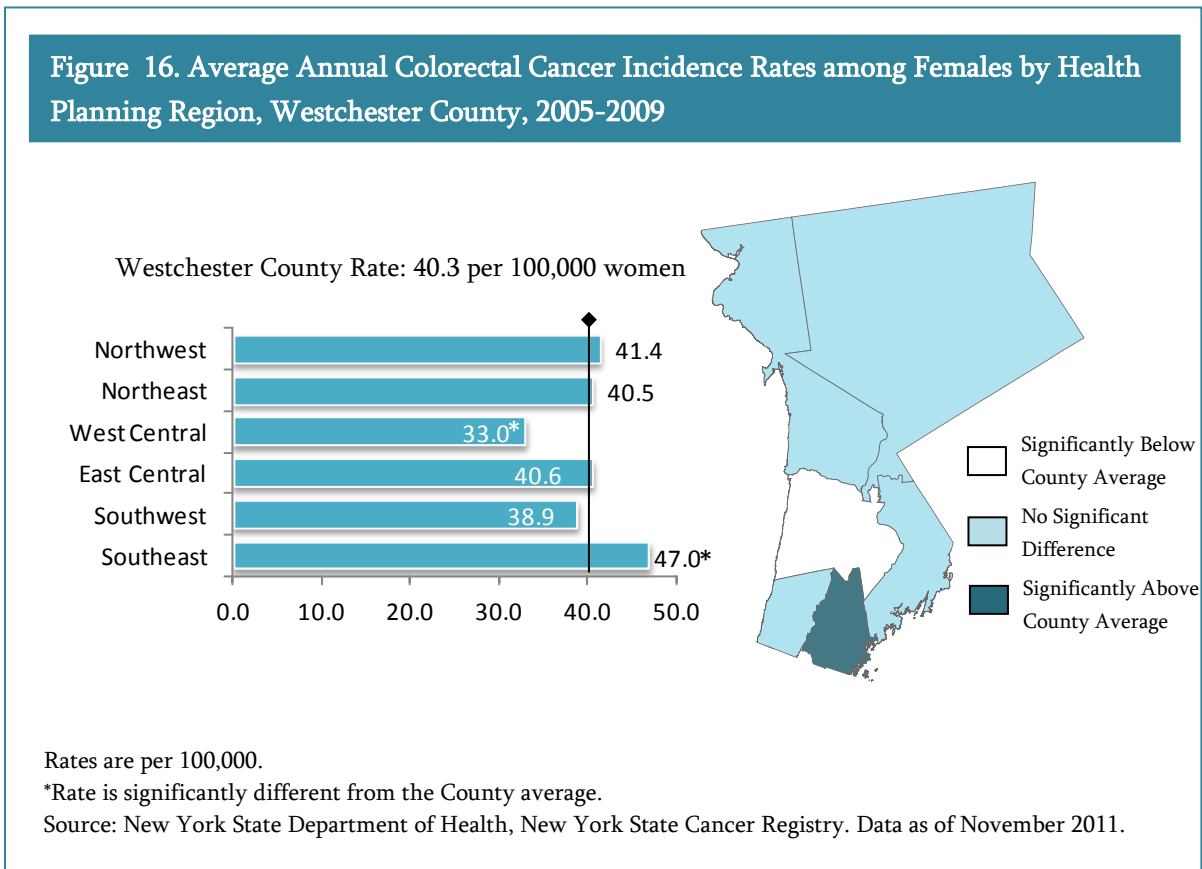


Among females diagnosed with lung and bronchus cancer, there were no significant differences in incidence rates between the Health Planning Region in which patients resided and the County average. (Figure 15)



Women residing in the West Central HPR had a significantly lower rate of colorectal cancer diagnoses between 2005 and 2009 compared to the County as a whole (33.0 vs. 40.3 per 100,000). (Figure 16)

In contrast, the incidence rate of colorectal cancer among women in the Southeast HPR was significantly higher than the County average (47.0 vs. 40.3 per 100,000).



Among females residing in the Southwest HPR, the incidence rate of breast cancer was significantly lower than that of the County as a whole (117.6 vs. 138.8 per 100,000). (Figure 17)

The incidence rate of breast cancer was significantly higher among females residing in the Northeast HPR (156.9 per 100,000 women) compared to the County average.

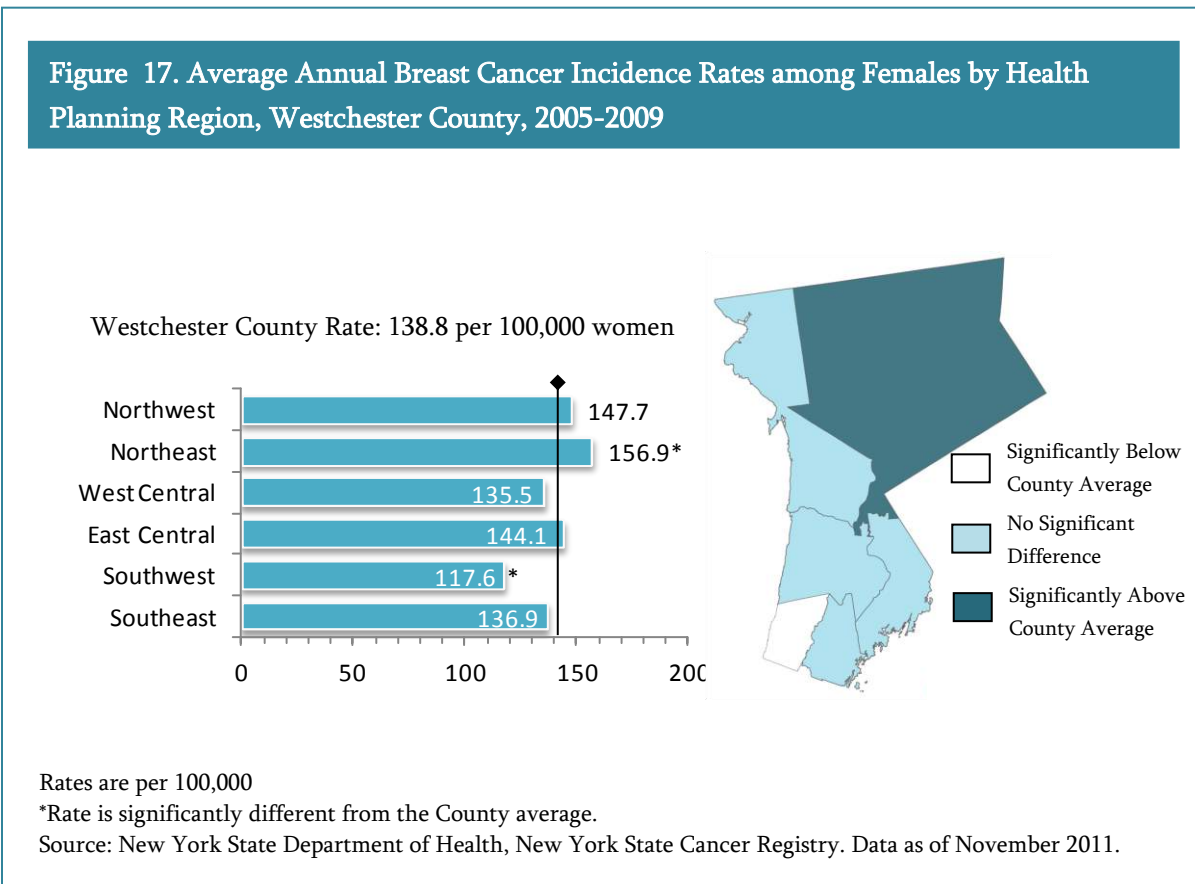
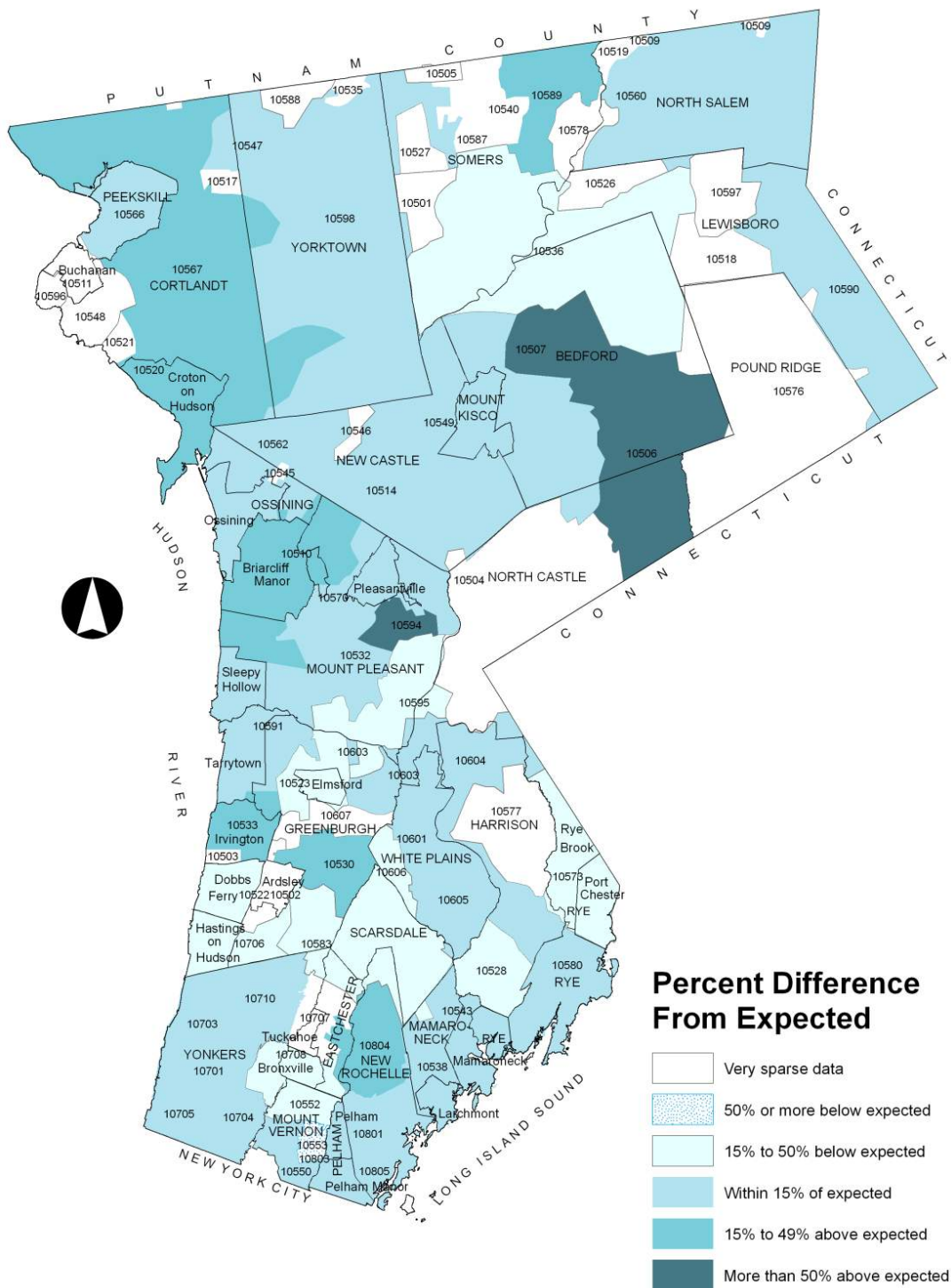
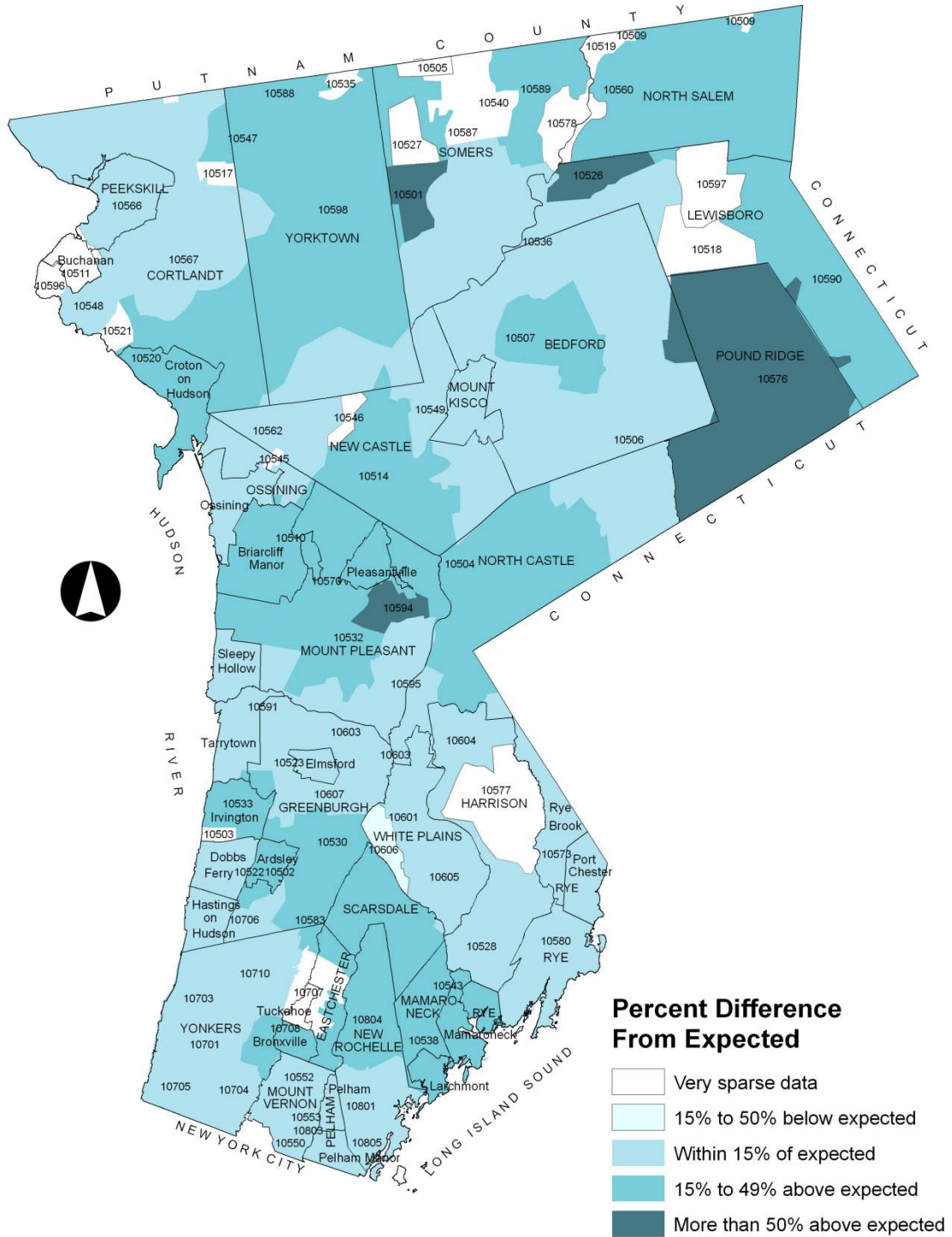


Figure 18. Percent Difference From Expected of Lung and Bronchus Cancer among Females by Municipality, Westchester County, 2005-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Figure 19. Percent Difference From Expected of Breast Cancer by Municipality, Westchester County, 2005-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Cancer Incidence in Westchester County Compared with New York State

Males

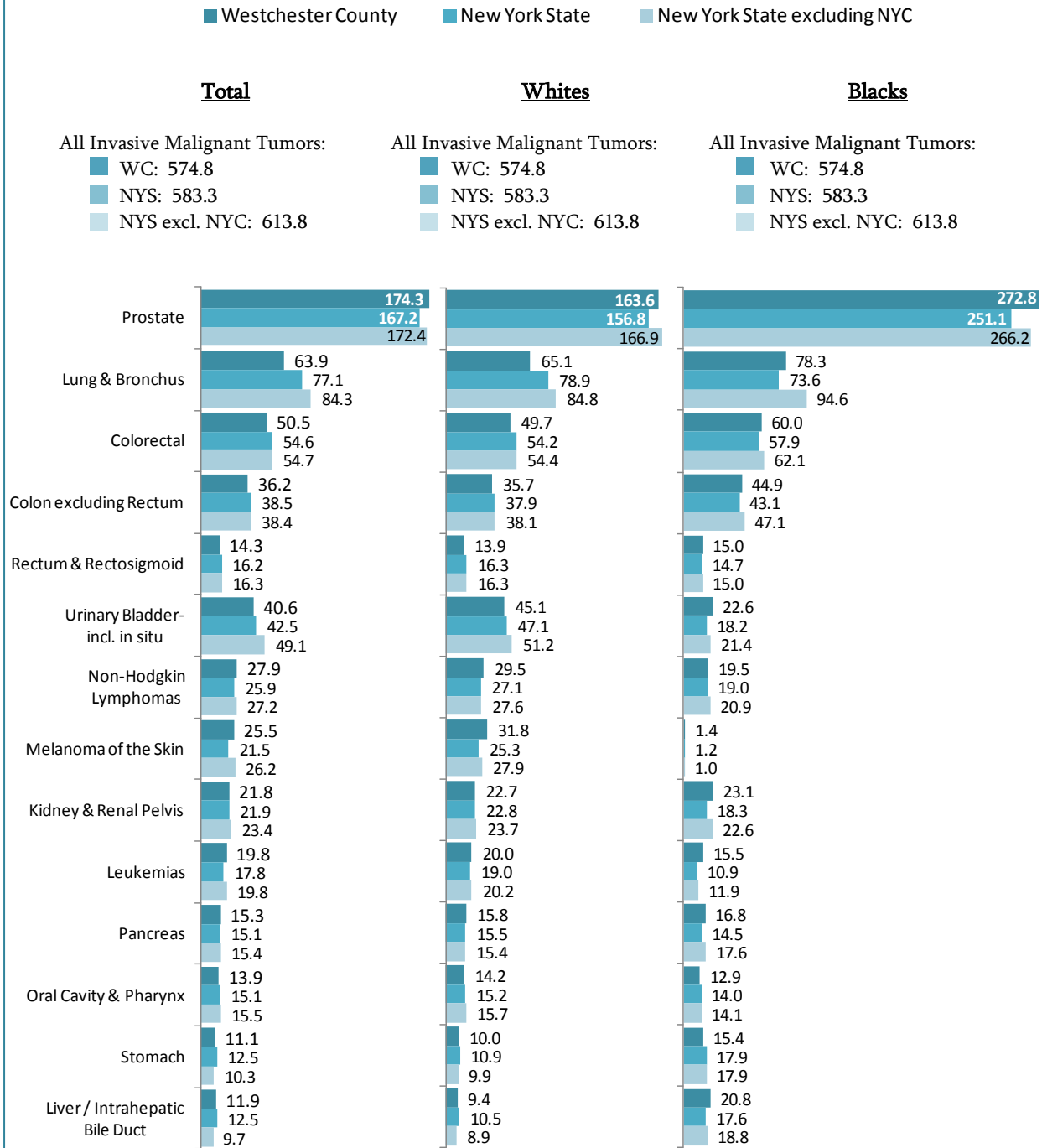
For all malignant cancers combined, men in Westchester County had a lower average annual incidence rate (574.8 per 100,000) than that of New York State only when excluding New York City (613.8 per 100,000). This also held true for white men in Westchester County, for whom incidence rates of all malignant cancers were significantly lower than that of New York State excluding New York City (574.8 vs. 613.8 per 100,000). (Figure 21)

In contrast, the average annual incidence rate of all invasive tumors among black males in Westchester County (671.8 per 100,000) was significantly higher only than that of black men in New York State as a whole (including New York City) (603.1 per 100,000).

The average annual incidence rate of lung and bronchus cancer, the second most commonly diagnosed cancer among males, was significantly lower among men residing in Westchester County (63.9 per 100,000 men) when compared to both New York State as a whole (77.1 per 100,000 men) and New York State excluding New York City (84.3 per 100,000 men).

Similarly, the incidence rate of lung and bronchus cancer among the white males living in Westchester County was significantly lower than that of white males living in New York State both including (65.1 vs. 78.9 per 100,000 white men) and excluding New York City (84.8 per 100,000 white men). There was no significant difference among the rates of lung and bronchus cancer diagnosed in black men.

Figure 21. Average Annual Cancer Incidence Rates among Males by Race, Westchester County and New York State, 2005-2009



Rates are per 100,000.

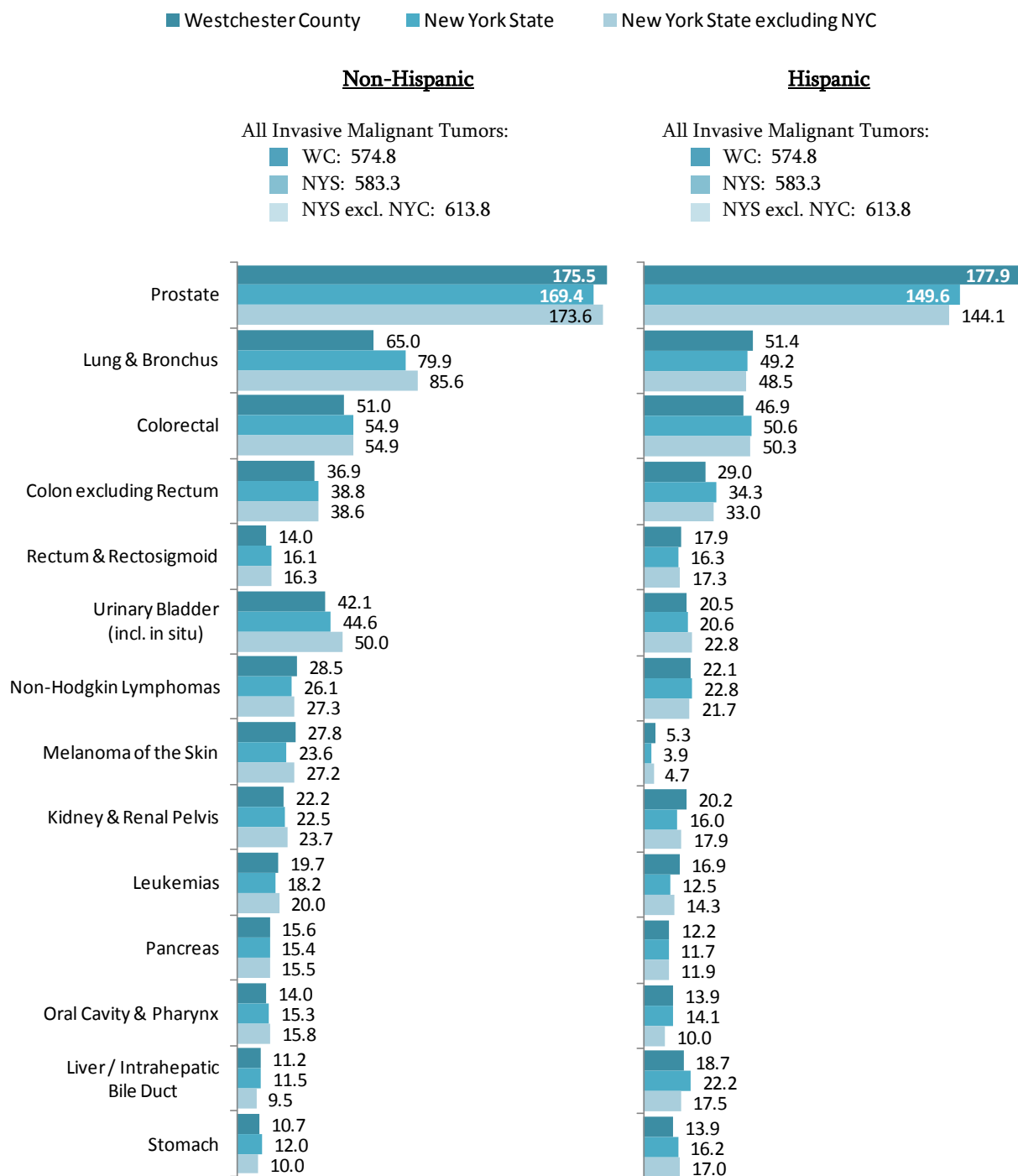
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

The Hispanic male population in Westchester County had a significantly higher rate of total malignant tumors compared to New York State excluding New York City (508.3 vs. 456.5 per 100,000). There was no significant difference between Westchester County's average incidence rate and that of New York State as a whole (including New York City). (Figure 22)

The incidence rate of prostate cancer among Westchester County's Hispanic men was significantly higher than the incidence rate among Hispanic men in both New York State including, and New York State excluding, New York City (177.9 vs. 149.6 and 144.1 per 100,000, respectively).

There was no significant difference in the incidence rates of lung and bronchus cancer between Hispanic men residing in Westchester County and those residing in New York State, both including and excluding New York City.

Figure 22. Average Annual Cancer Incidence Rates among Males by Ethnicity, Westchester County and New York State, 2005-2009



Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Females

Compared to New York State as a whole (including New York City), women in Westchester County had a significantly higher rate of all malignant cancers (459.1 vs. 442.7 per 100,000 women).

However, when New York City is excluded, women in Westchester County had a significantly lower rate of all malignant cancers than the New York State average (459.1 vs. 473.4 per 100,000 women).

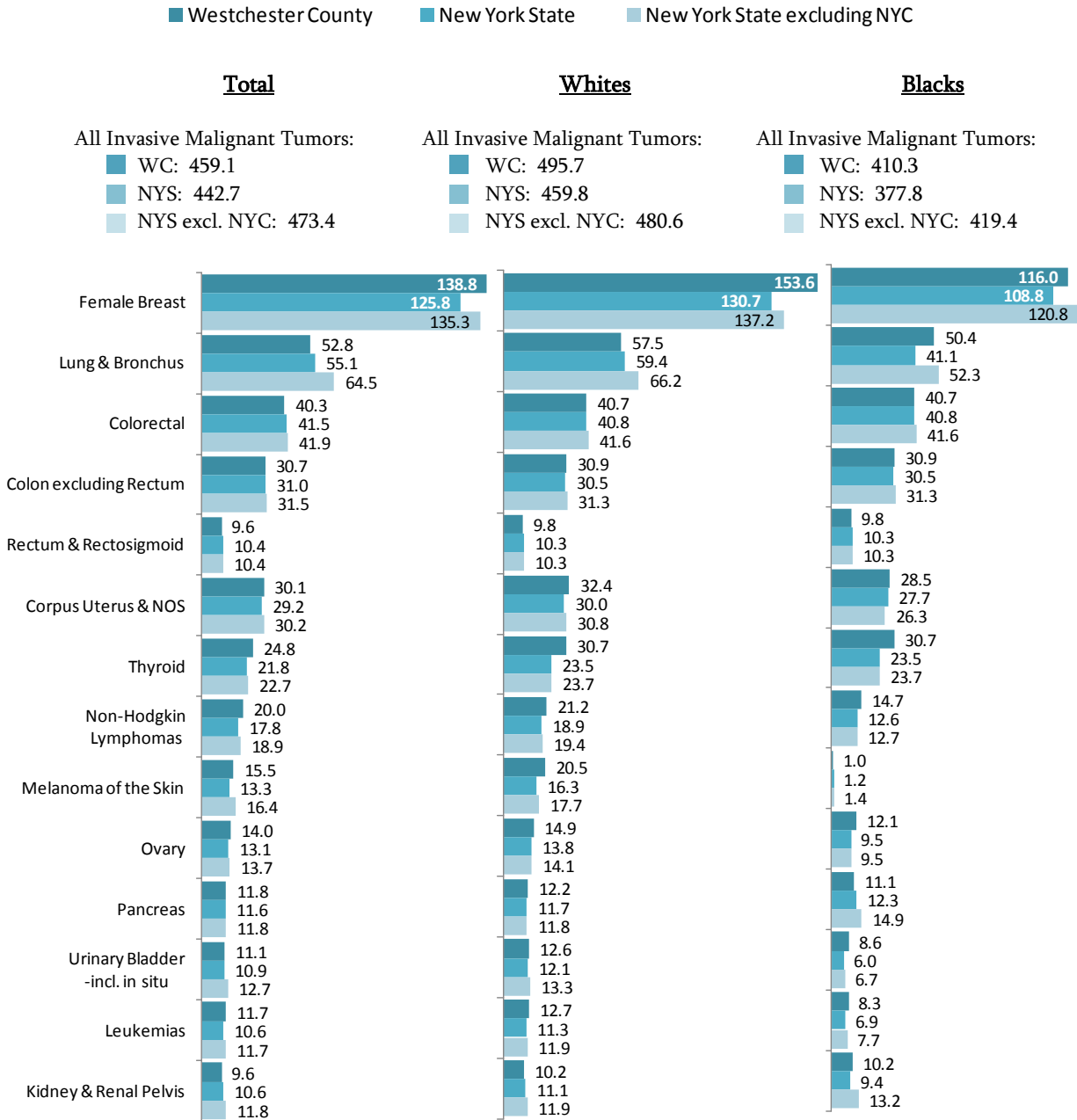
(Figure 23)

The incidence rate of total malignant cancers among white women living in Westchester County was significantly higher than that of white women living in New York State both including and excluding New York City. Among black women, those living in Westchester County had a significantly higher rate of total cancers compared to those living in New York State as a whole.

White women in Westchester County had a significantly higher incidence of breast cancer compared to the average rate of white women in New York State, both including and excluding New York City.

The incidence rate of lung and bronchus cancer was significantly lower among women living in Westchester County than among women living in New York State excluding New York City. There was no significant difference in rates between women living in Westchester County and those living in New York State as a whole. This was also true for white women living in Westchester County. However, the opposite was true for black women. Black women living in Westchester County had a significantly higher rate of lung cancer than black women living in New York State as a whole. There was no significant difference in rates between black women residing in Westchester County and those residing in New York State excluding New York City.

Figure 23. Average Annual Cancer Incidence Rates among Females by Race, Westchester County and New York State, 2005-2009

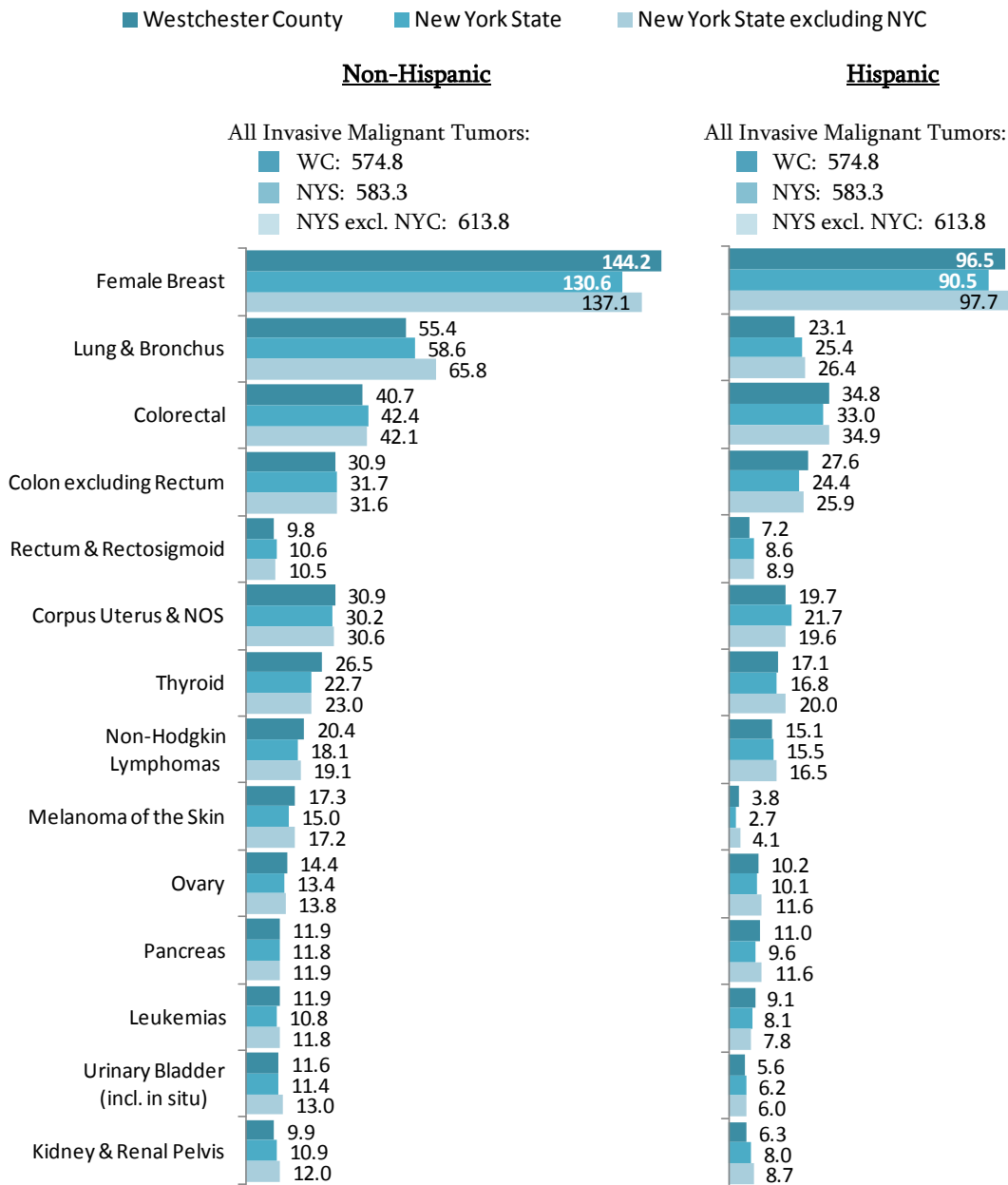


Rates are per 100,000

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

There were no significant differences in cancer incidence rates between Hispanic women residing in Westchester County and those residing in New York State, both including and excluding New York City. (Figure 24)

Figure 24. Average Annual Cancer Incidence Rates among Females by Ethnicity, Westchester County and New York State, 2005-2009

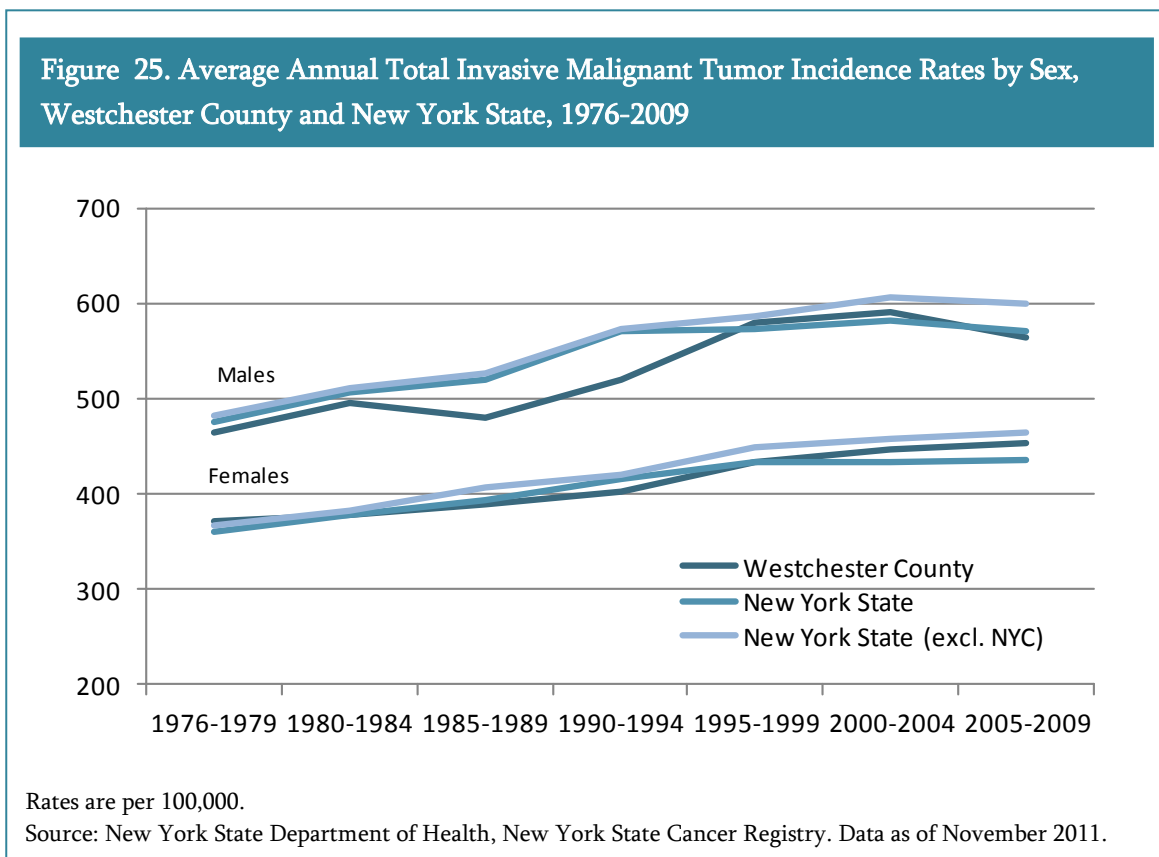


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

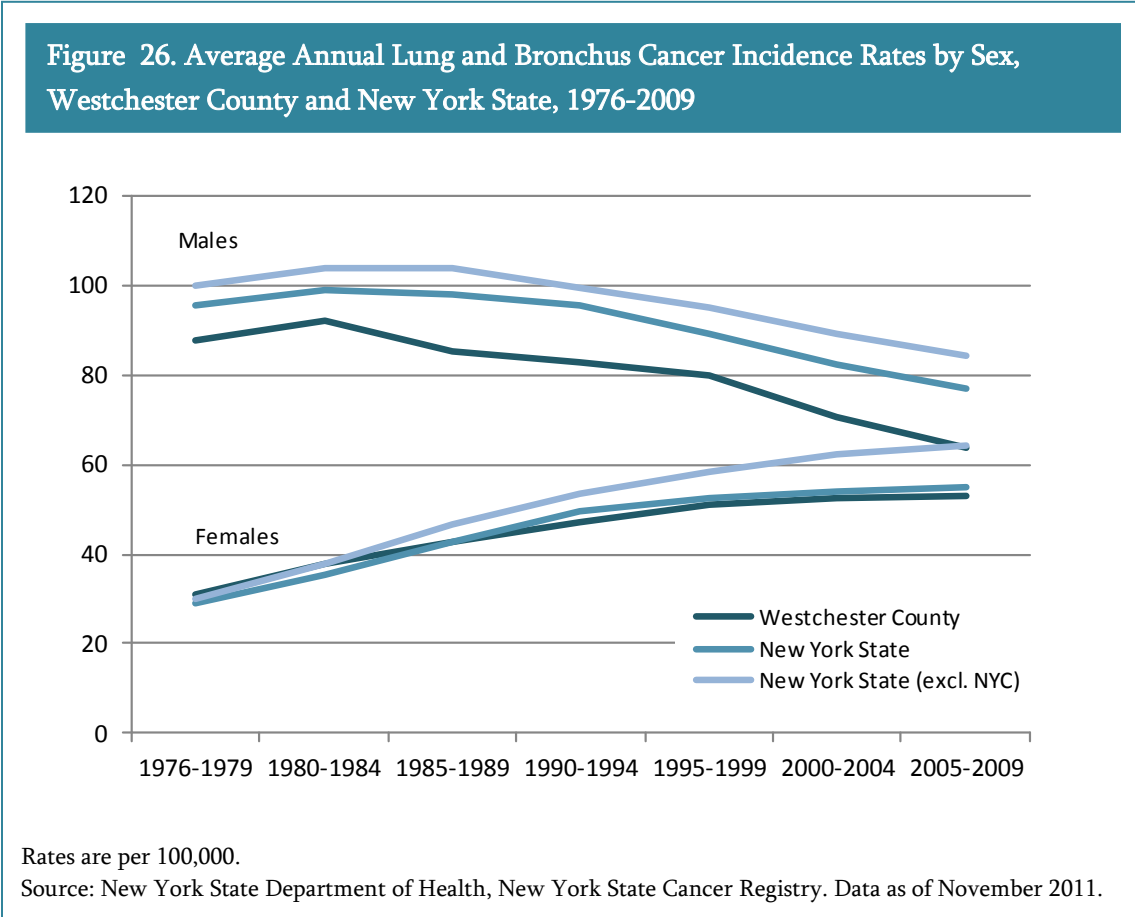
Trends in Cancer Incidence Rates

Overall, cancer incidence rates have been increasing in Westchester County and New York State (including and excluding New York City), for both men and women. (Figure 25)



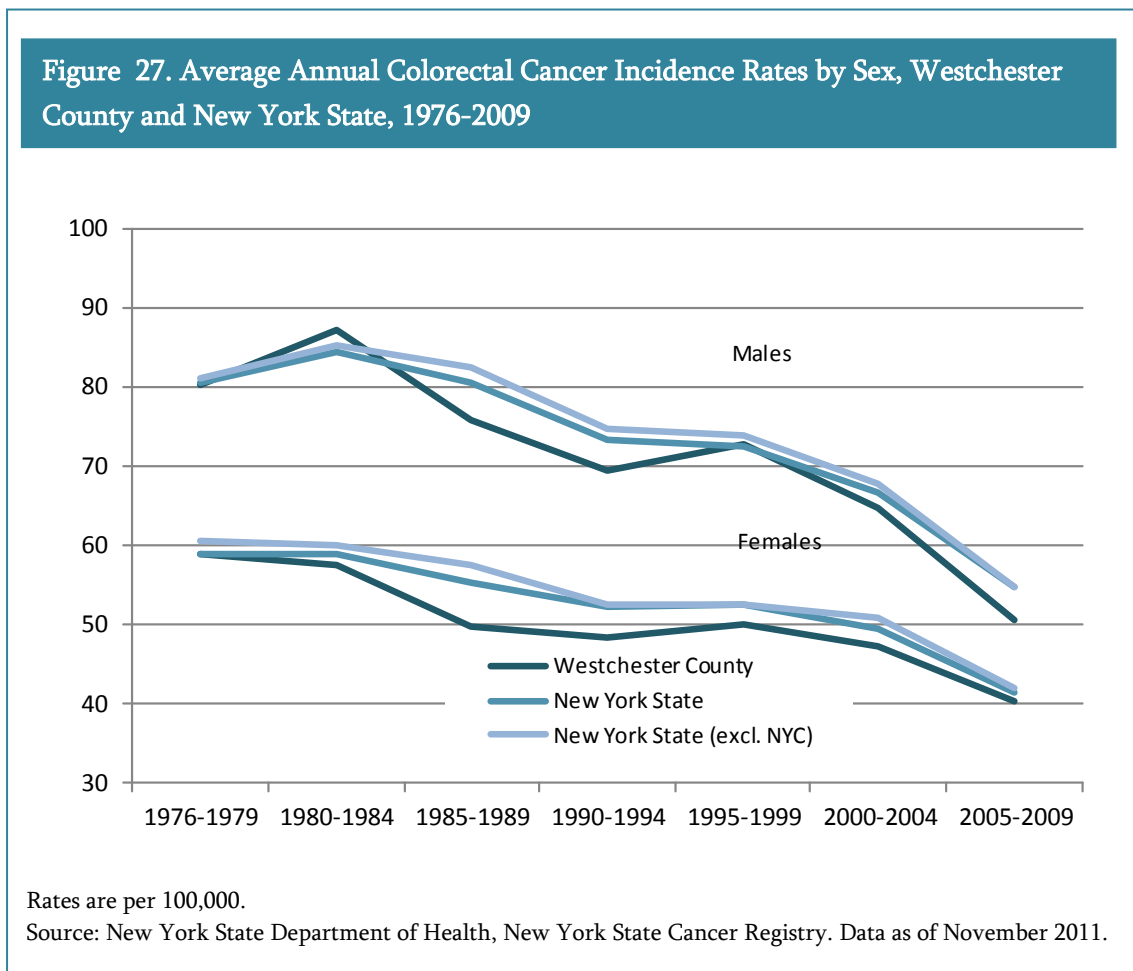
In the last three decades, the average annual incidence rate for all invasive malignant tumors among males and females in Westchester County has increased by 21.6 % and 21.5 %, respectively.

The incidence rate of lung and bronchus cancer has declined for men living in Westchester County by 27.1%, from 87.6 per 100,000 in 1976-1981 to 63.9 per 100,000 during 2005-2009. However, the rate has increased for women by 71.4%, from 30.8 per 100,000 in 1976-1981 to 52.8 per 100,000 in 2005-2009. (Figure 26)



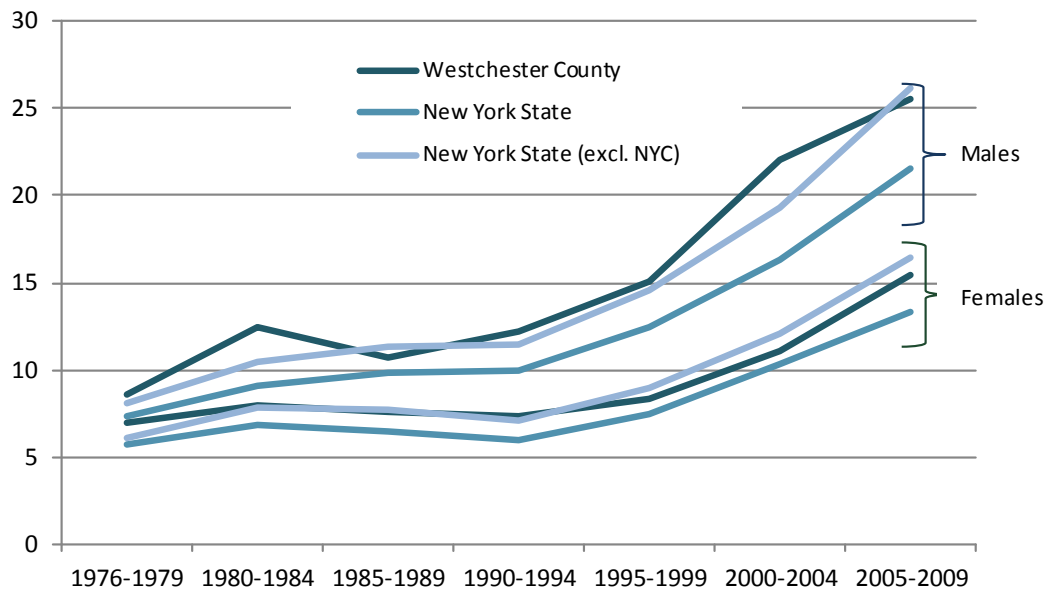
The average annual incidence rate of colorectal cancer has declined for both men and women. Among Westchester County males, the incidence rate has declined by 37%, from 80.2 per 100,000 in 1976-1979 to 50.5 per 100,000 in 2005-2009. (Figure 27)

Among Westchester County females, the incidence rate of colorectal cancer has declined by 31.7% since 1976-1979, from 59.0 per 100,000 in 1976-1979 to 40.3 per 100,000 in 2005-2009.



The average annual incidence rate of melanoma of the skin increased dramatically in the last three decades for both men and women. (Figure 28)

Figure 28. Average Annual Melanoma of the Skin Incidence Rates by Sex, Westchester County and New York State, 1976-2009

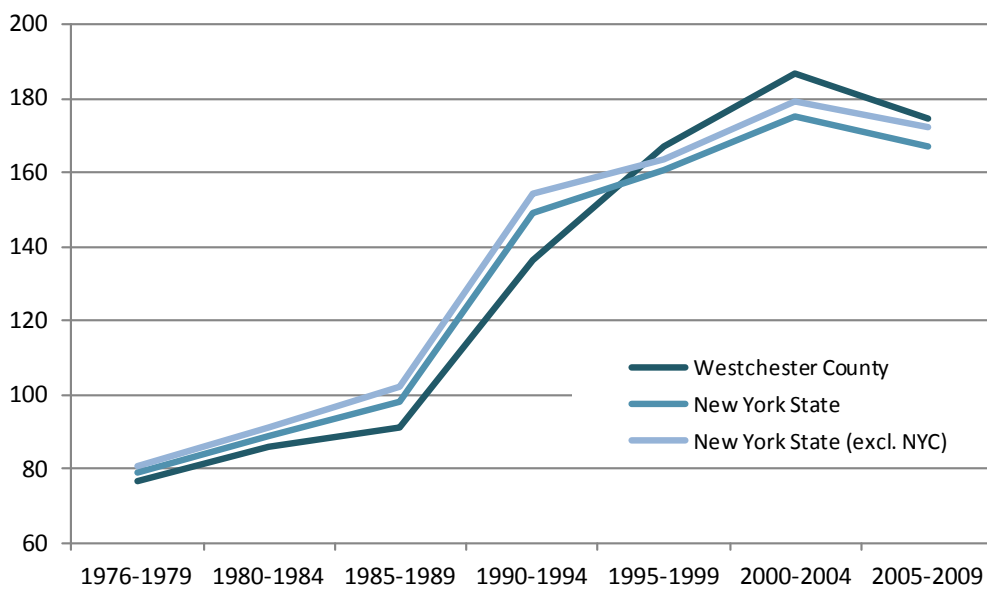


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Among Westchester County's men, the average annual incidence rate of prostate cancer has increased by 127.2%, from 76.7 in 1976-1979 to 174.3 in 2005-2009. (Figure 29)

Figure 29. Average Annual Prostate Cancer Incidence Rates , Westchester County and New York State, 1976-2009

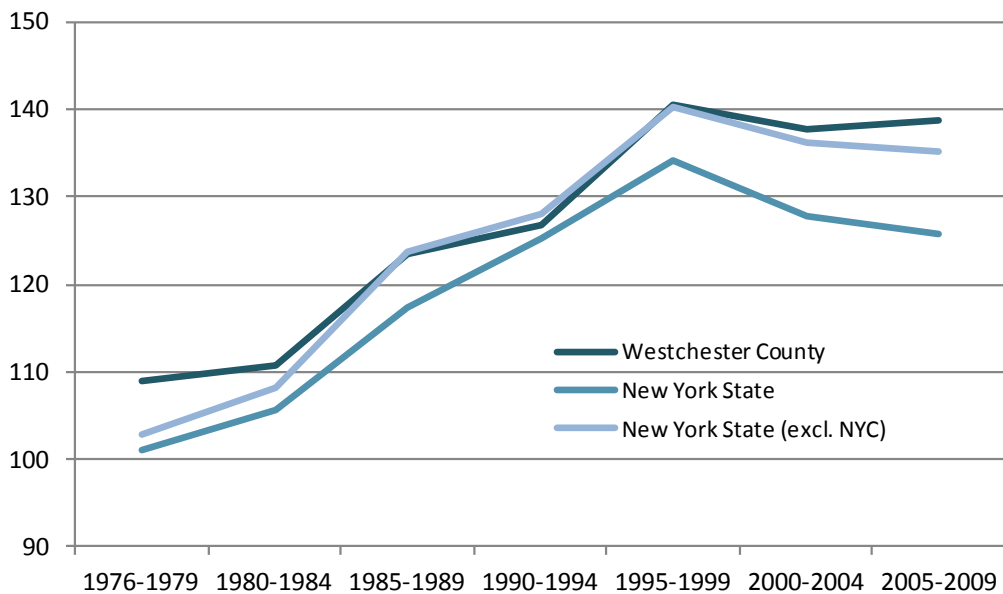


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Among Westchester County females, the incidence rate of breast cancer has increased by 27.3%, from 109.0 in 1976-1979 to 138.8 in 2005-2009. (Figure 30)

Figure 30. Average Annual Breast Cancer Incidence Rates, Westchester County and New York State, 1976-2009



Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Among women living in Westchester County, the incidence rate for cancers of the liver, pancreas, corpus uterus, urinary bladder, kidney and renal pelvis, brain and other nervous system, thyroid, Hodgkin lymphomas, Non-Hodgkin lymphomas, multiple myeloma and leukemia have increase since the 1976-1979 time period, but decreased for cancers of oral cavity and pharynx, esophagus, stomach, larynx, cervix uteri and ovary.

Estimated Cancer Prevalence

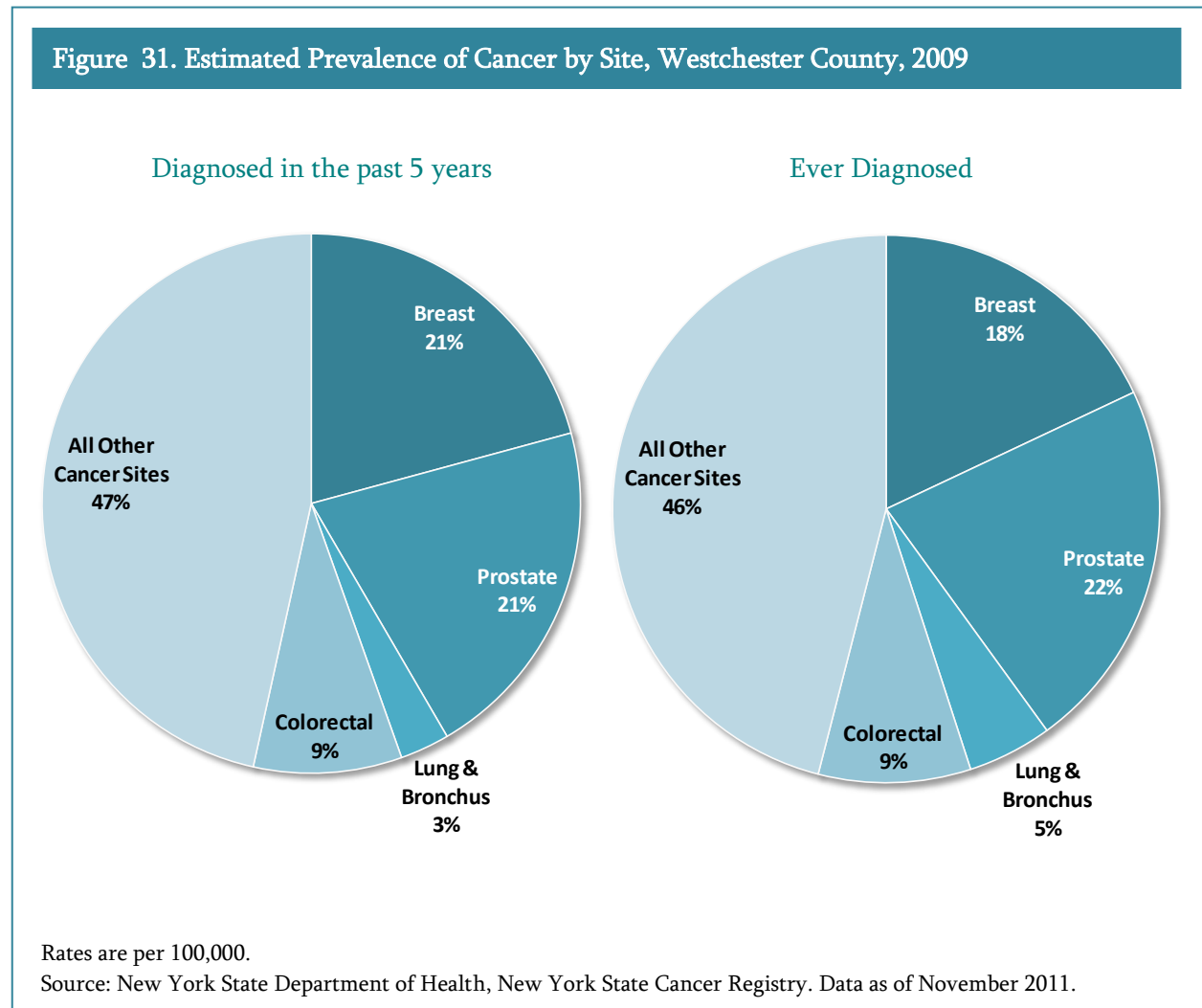
Prevalence refers to new and pre-existing cases living at a particular point in time, in contrast to incidence which reflects new cases diagnosed during a given time period. For this reason, prevalence is a function of both the incidence and survival of a disease. Cancer prevalence, therefore, refers to the number of people who have been diagnosed with cancer and who are still alive. These could be either people who are currently living with cancer or people whose cancer is in remission (meaning, their cancer had been successfully treated, and while they are now living free of the disease, the possibility of the cancer returning remains). Cancer prevalence is a statistic of interest because it identifies the burden the disease places on the population and on the health care system.

As of January 2012, the National Cancer Institute (NCI) estimated that there are 13.7 million cancer survivors in the United States, which represents approximately 4% of the population. Approximately 15% of the 13.7 million estimated cancer survivors were diagnosed 20 or more years ago. About 59% of survivors are currently 65 years of age and older.¹

It is estimated that 65% of adult survivors will be alive in five years. Among children, over 77% of childhood cancer survivors will be alive after 10 years. The most common cancer survivors are those with female breast cancer (22%), prostate cancer (20%), colorectal cancer (9%), and gynecologic cancers (8%).

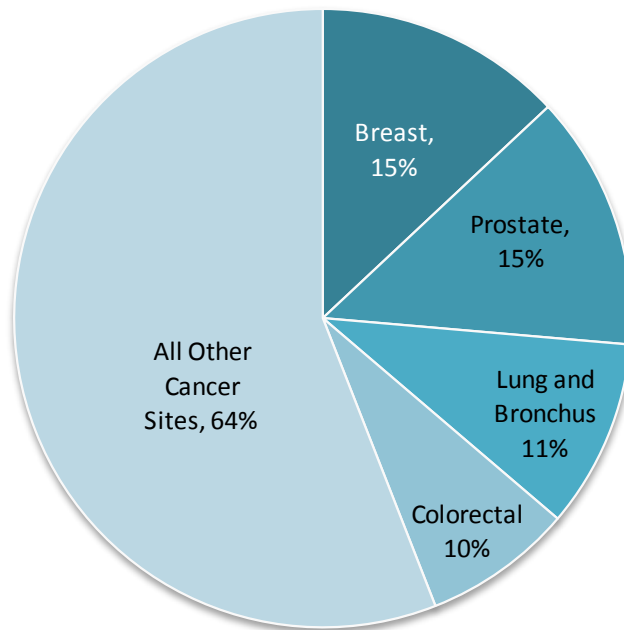
¹ National Cancer Institute: Cancer Survivorship Research. (2012, 4 5). Retrieved April 18, 2013 from <http://cancercontrol.cancer.gov/ocs/prevalence/>.

As of January 1, 2009, there were an estimated 44,540 cancer survivors in Westchester County. Among these, an estimated 9,200 (21%) had been diagnosed with breast cancer, 9,200 (21%) had been diagnosed with prostate cancer, 3,990 (9%) had survived a diagnoses of colorectal cancer, and 1,400 (3%) were survivors of lung cancer. (Figure 31)



Between 2005 and 2009, breast cancer comprised an average of 15% of all newly diagnosed cases of cancer. However, breast cancer survivors made up 21% of all people ever diagnosed with cancer. This indicates a higher survival rate for breast cancer cases and the importance of regular screenings and early diagnosis. (Figure 32)

Figure 32. Percent of Newly Diagnosed Cancer Cases by Site, Westchester County, 2005-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Cancer Screening

The American Cancer Society recommends women aged 20 to 39 years undergo a clinical breast exam every 3 years, and annual exams for women aged 40 and over. It also recommends a yearly mammogram for women starting at age 40 and continuing for as long as a woman is in good health.

Cervical cancer screenings are recommended for young women beginning at age 21. Women between ages 21 and 29 should have a Pap test every 3 years. Women between the ages of 30 and 65 should have a Pap test and an HPV test every 5 years. A woman who has been vaccinated against HPV should still follow the screening recommendations for her age group.

Beginning at age 50, both men and women should be screened for colorectal cancer, they should receive a flexible sigmoidoscopy every 5 years, or a colonoscopy every 10 years, or a double-contrast barium enema every 5 years, or a CT colonography (virtual colonoscopy) every 5 years.

Starting at age 50, a yearly prostate screening should be offered to all men. For African American men, or men with an affected first-degree family member², yearly screening is recommended beginning at age 45. For men who have multiple first-degree relatives affected with prostate cancer at an early age, a baseline screen is advocated at age 40.

Uninsured or underinsured Westchester County residents, who meet eligibility criteria, can receive free clinical breast exams, pap tests, mammograms, and colorectal screening tests through the “Cancer Services Program of the Hudson Valley”³.

² A first degree relative is a family member who shares about 50 percent of their genes with a particular individual in a family. First degree relatives include parents, offspring, and siblings.

³ This is a statewide program with locations in each county:

http://www.komennyc.org/PageServer?pagename=breasthealth_local#westchester.

Please refer to Appendix 3 for the list of facilities that offer cancer screening in Westchester County.

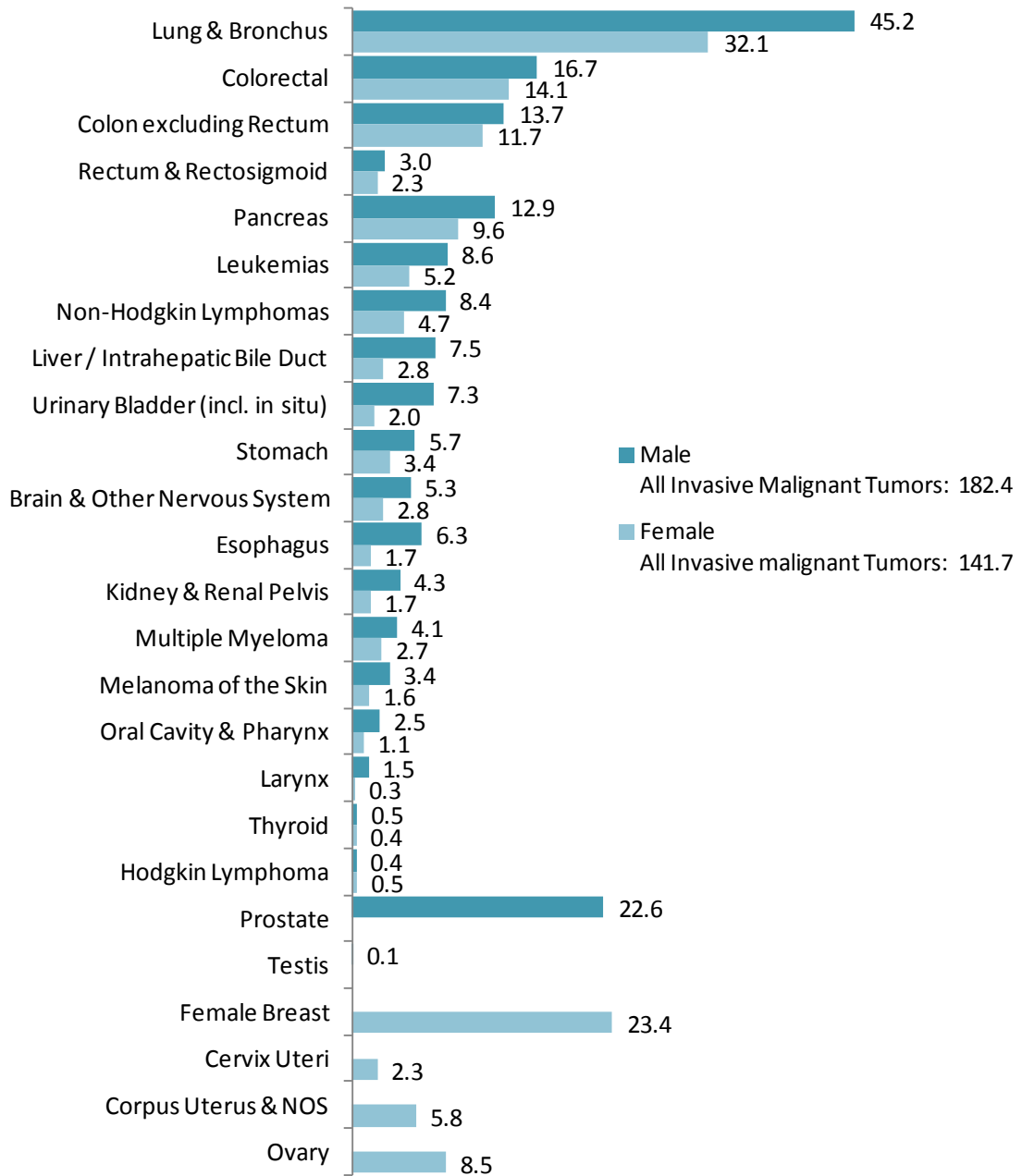
Cancer Mortality by Sex

Between 2005 and 2009, over 1,700 people died of cancer in Westchester County each year. The average annual mortality rate of all invasive malignant cancers in Westchester County was 182.4 per 100,000 among males and 141.7 per 100,000 among females. The mortality rate for all cancers combined was significantly higher for men than for women. Similarly, mortality rates were higher among men than among women for every cancer site; with the exception of Hodgkin lymphoma, which was slightly higher for women than for men (0.5 per 100,000 vs. 0.4 per 100,000). (Figure 33)

Lung cancer had the highest mortality rate among men and women (45.2 per 100,000 and 32.1 per 100,000, respectively). During 2005-2009, lung cancer accounted for 24.8% of all cancer deaths among men. Prostate cancer had the second highest mortality rate among men; it alone claimed 11.7% of the lives lost to cancer.

Breast cancer had the second highest mortality rate among women, accounting for 16.1% of the lives lost due to cancer, followed by colorectal cancer (10.4%) and pancreatic cancer (7.0%).

Figure 33. Average Annual Cancer Mortality Rates by Sex, Westchester County, 2005-2009



Rates are per 100,000

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Cancer Mortality by Sex, Race and Ethnicity

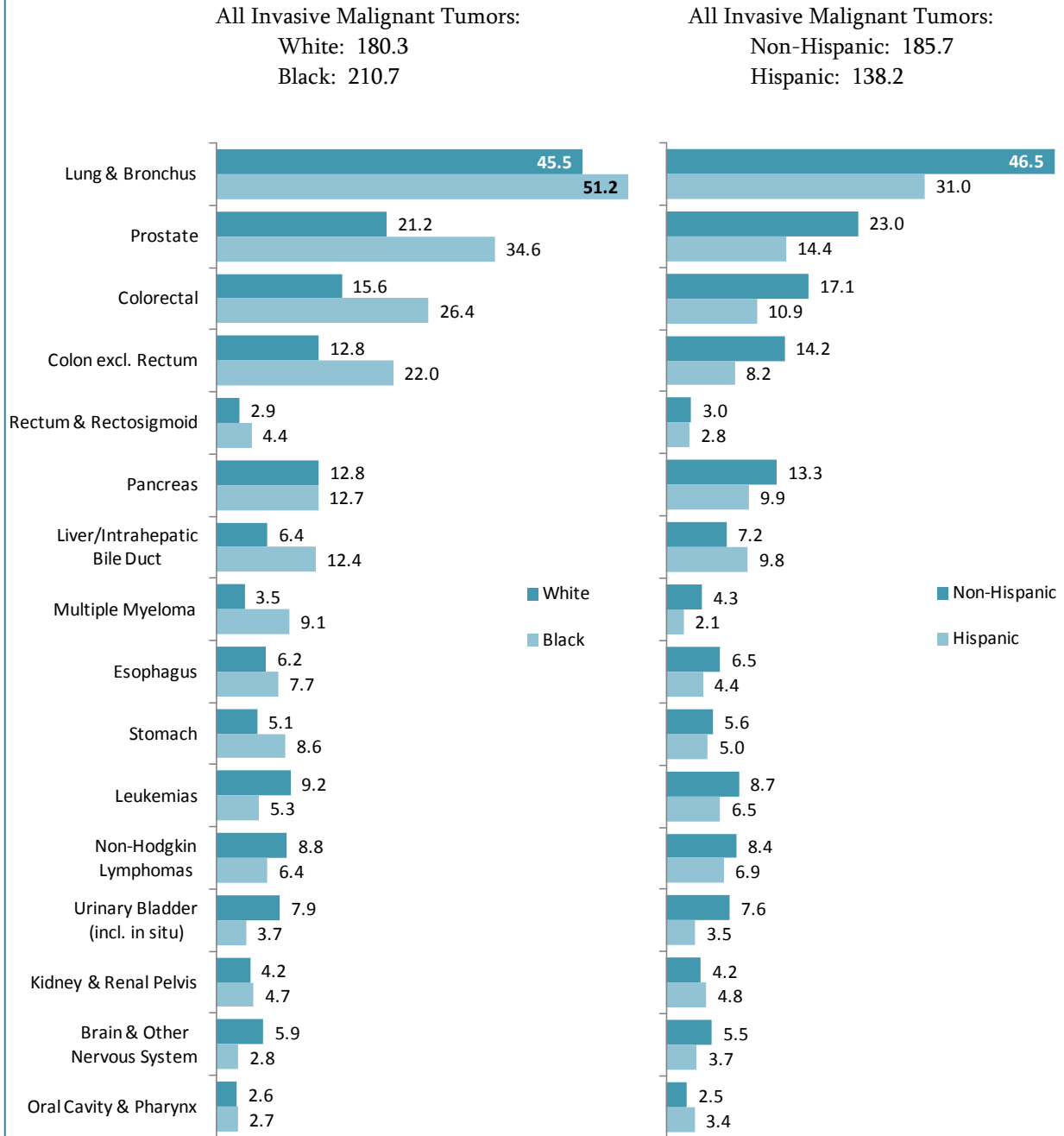
Males

The mortality rate due to all malignant cancers was 180.3 per 100,000 among white men and 210.7 per 100,000 among black men. Overall, white male residents of Westchester County experienced lower rates of mortality due to most cancers than black male residents. (Figure 34)

The top five cancers causing mortality in white men were lung and bronchus cancer, prostate cancer, colorectal cancer, pancreatic cancer and leukemias. Among black males, the five cancers causing the greatest mortality were lung and bronchus cancer, prostate cancer, colorectal cancer, pancreatic cancer, and liver cancer. Black men had significantly higher rates of mortality due to prostate cancer (34.6 vs. 21.2 per 100,000), colorectal cancer (26.4 vs. 15.6 per 100,000), and liver cancer (12.4 vs. 6.4 per 100,000).

The average annual cancer mortality rate among Hispanic men in Westchester County was significantly lower than non-Hispanic men (138.2 per 100,000 vs. 185.7 per 100,000). Hispanic males also had significantly lower mortality due to cancer of the lung and bronchus compared to non-Hispanic males (31.0 vs. 46.5 per 100,000). (Figure 34)

Figure 34. Average Annual Cancer Mortality Rates by Race and Ethnicity among Males, Westchester County, 2005-2009

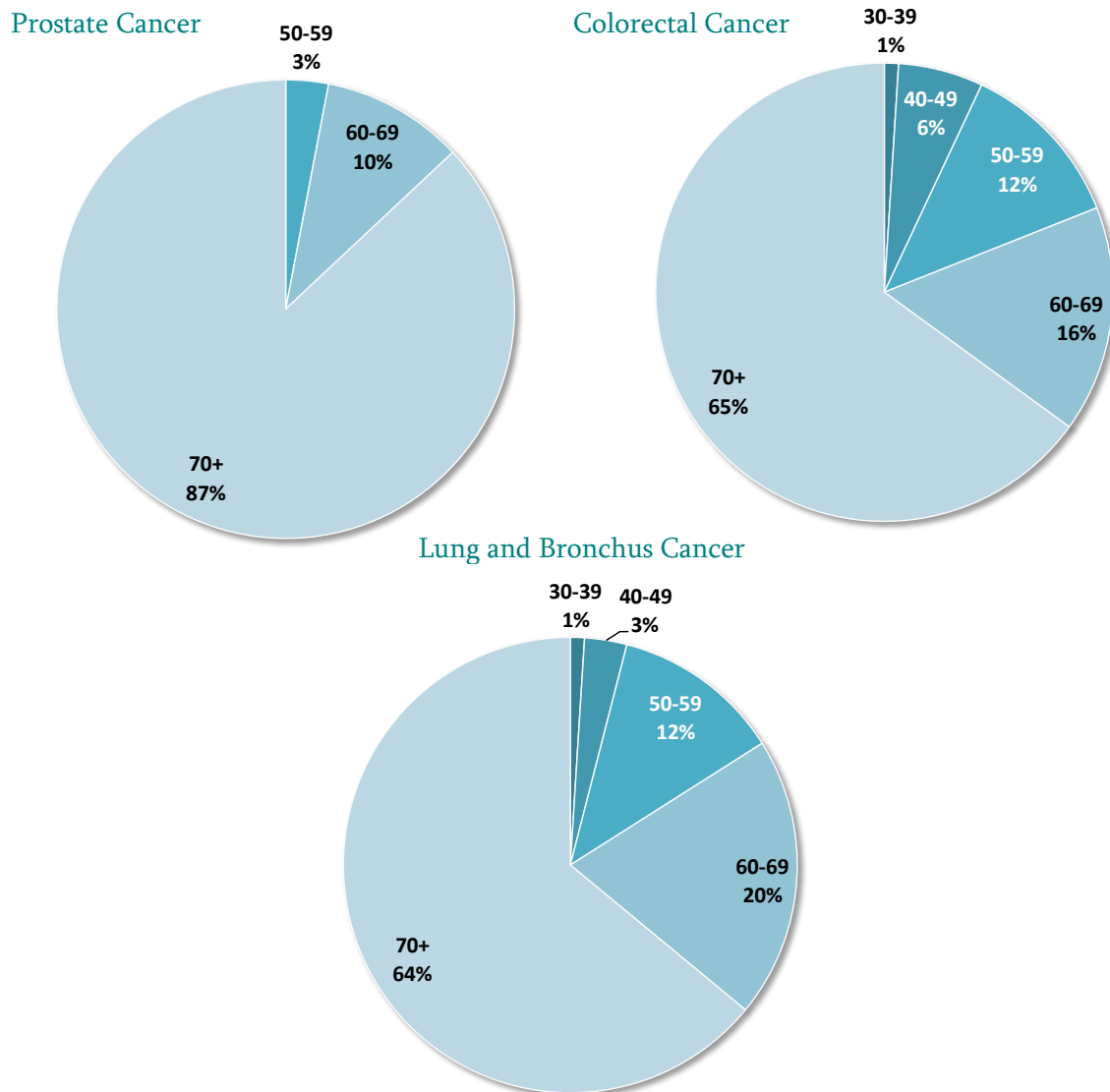


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Lung, prostate and colorectal cancer were the three leading causes of death among males. These three cancers accounted for 45.5% of all cancer deaths among white men and one-half (51.2%) of all cancer deaths among black men. The average age at death due to prostate, colorectal and lung and bronchus cancers were 80, 73 and 72 years of age. Although most men who died of these three cancers were older than 70 years, almost 20% of the deaths from colorectal cancer were younger than 60 years of age, and 16% of the deaths due to lung and bronchus cancer were younger than 60. (Figure 35)

Figure 35. Percent of Prostate, Colorectal and Lung and Bronchus Cancer Deaths by Age Among Males, Westchester County, 2005-2009



Source: New York State Department of Health.

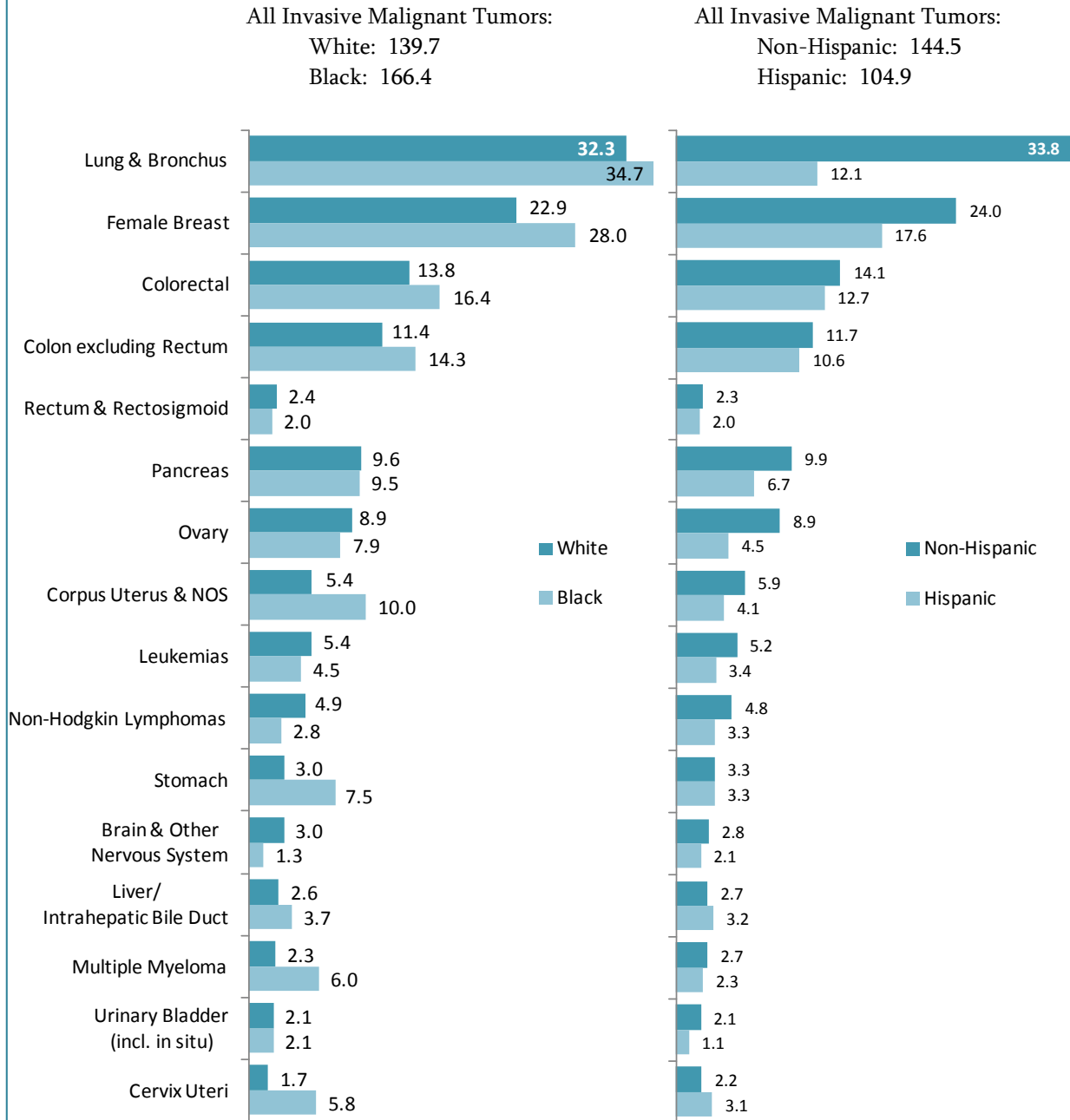
Females

In Westchester County, the average mortality rate due to all malignant cancers among white women was 139.7 per 100,000, and 166.4 per 100,000 among black women. Black women had significantly higher rates of mortality from all combined malignant cancers, uterine cancer (10.0 vs. 5.4 per 100,000), and stomach cancer (7.5 vs. 3.0 per 100,000). (Figure 36)

Cancers of the lung and bronchus, breast, colon, ovaries, uterus, and Leukemias were the leading causes of cancer deaths among white women living in Westchester County. Among black women, the five cancers causing the greatest mortality were lung and bronchus, breast, colon, uterine, and pancreatic.

The average annual total cancer mortality rate among Hispanic women in Westchester County was significantly lower than non-Hispanic women (104.9 per 100,000 vs. 144.5 per 100,000). Hispanic women also had a significantly lower mortality rate due to lung and bronchus cancer than non-Hispanic women (12.1 vs. 33.8 per 100,000). (Figure 36)

Figure 36. Average Annual Cancer Mortality Rates among Females by Race, Westchester County, 2005-2009

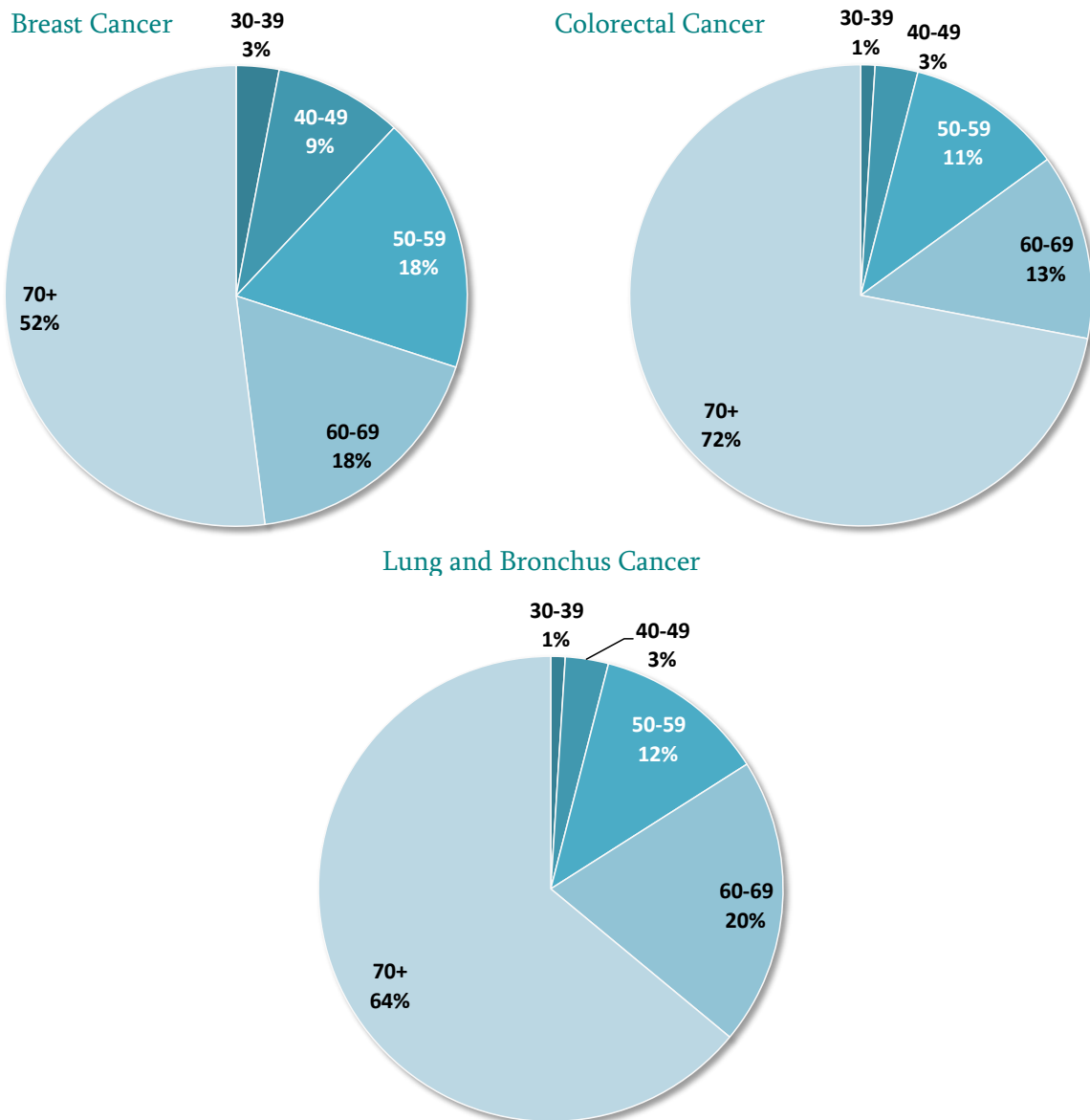


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

The average age of death due to breast, colorectal and lung and bronchus cancers was 69, 76 and 73 years of age. However, about 15% of women who died of lung and bronchus cancer were younger than 60 years of age. Among those who died of colorectal cancer, about 15% were younger than 60. Moreover, among those who died of breast cancer, about 30% were younger than 60. (Figure 37)

Figure 37. Percent of Breast, Colorectal and Lung and Bronchus Cancer Deaths by Age among Females, Westchester County, 2005-2009



Source: New York State Department of Health.

Cancer Mortality in Westchester County Compared with New York State

Males

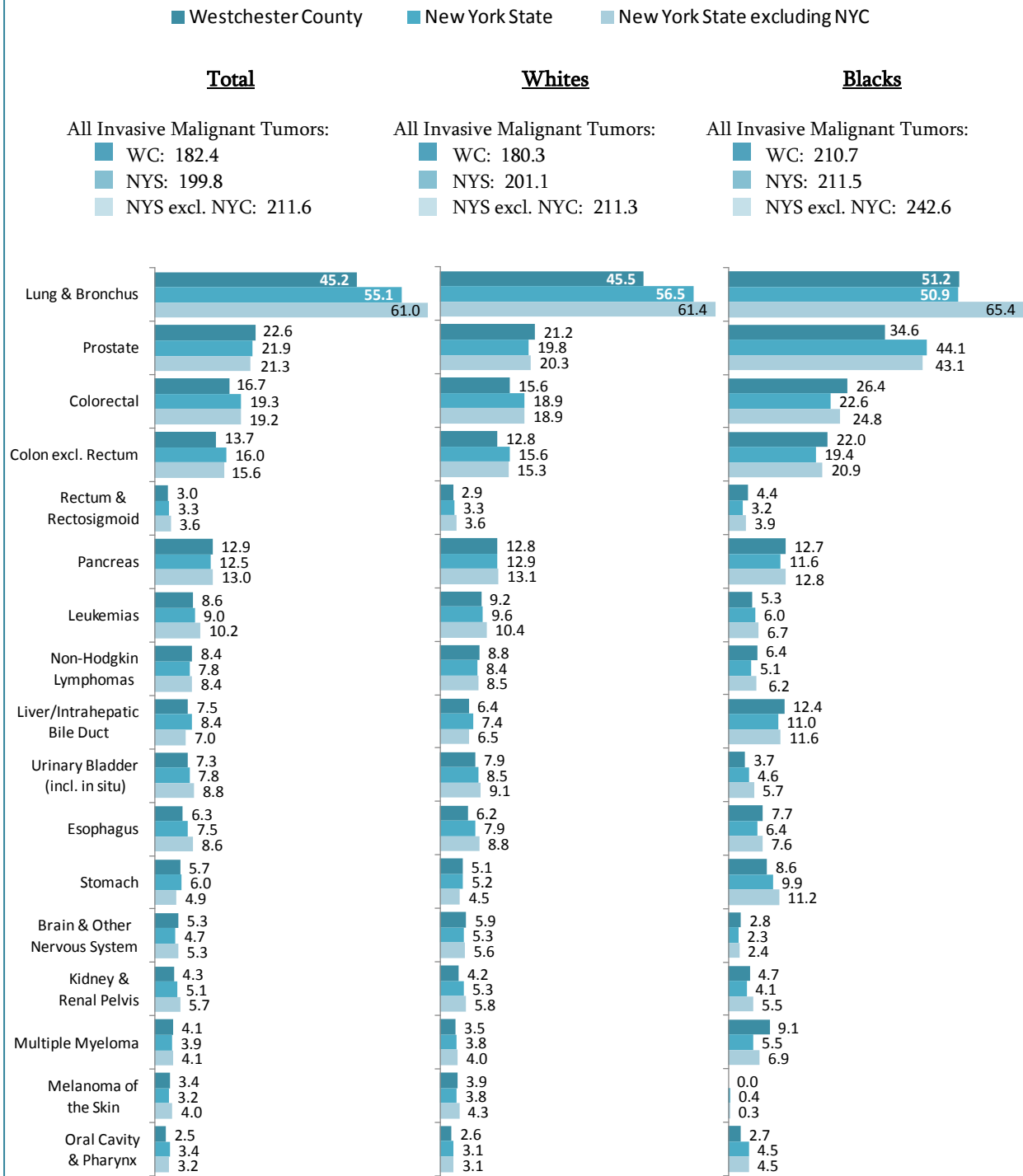
The mortality rate due to malignant cancers of all types among men in Westchester County (182.4 per 100,000) was significantly lower than that of men in New York State, both including and excluding New York City (199.8 and 211.6 per 100,000, respectively). This also held true for whites; white men in Westchester County had significantly lower rates of mortality from all malignant cancer types than white men in New York State, both including and excluding New York City (180.3 vs. 201.1 and 211.3 per 100,000, respectively). However, the mortality rate due to all malignant cancers among black men in Westchester County was significantly lower than that of black men in New York State only when New York City was excluded (210.7 vs. 242.6 per 100,000). (Figure 38)

Among men living in Westchester County and New York State; lung and bronchus, prostate and colorectal cancers were the three top causes of death due to cancer.

Mortality rates due to lung and colorectal cancers were significantly lower for men living in Westchester County compared to those living in New York State, both including and excluding the City of New York. Again, this was true for white men living in Westchester County; white men had significantly lower rates of mortality due to lung and colorectal cancer compared to white men living in New York State, including and excluding New York City.

Among black men living in Westchester County, mortality rates due to lung and bronchus cancer were significantly lower than that of black men living in New York State excluding New York City only. There were no other significant differences in mortality rates between black men living in Westchester County and those living in New York State.

Figure 38. Average Annual Cancer Mortality Rates among Males by Race, Westchester County and New York State, 2005-2009

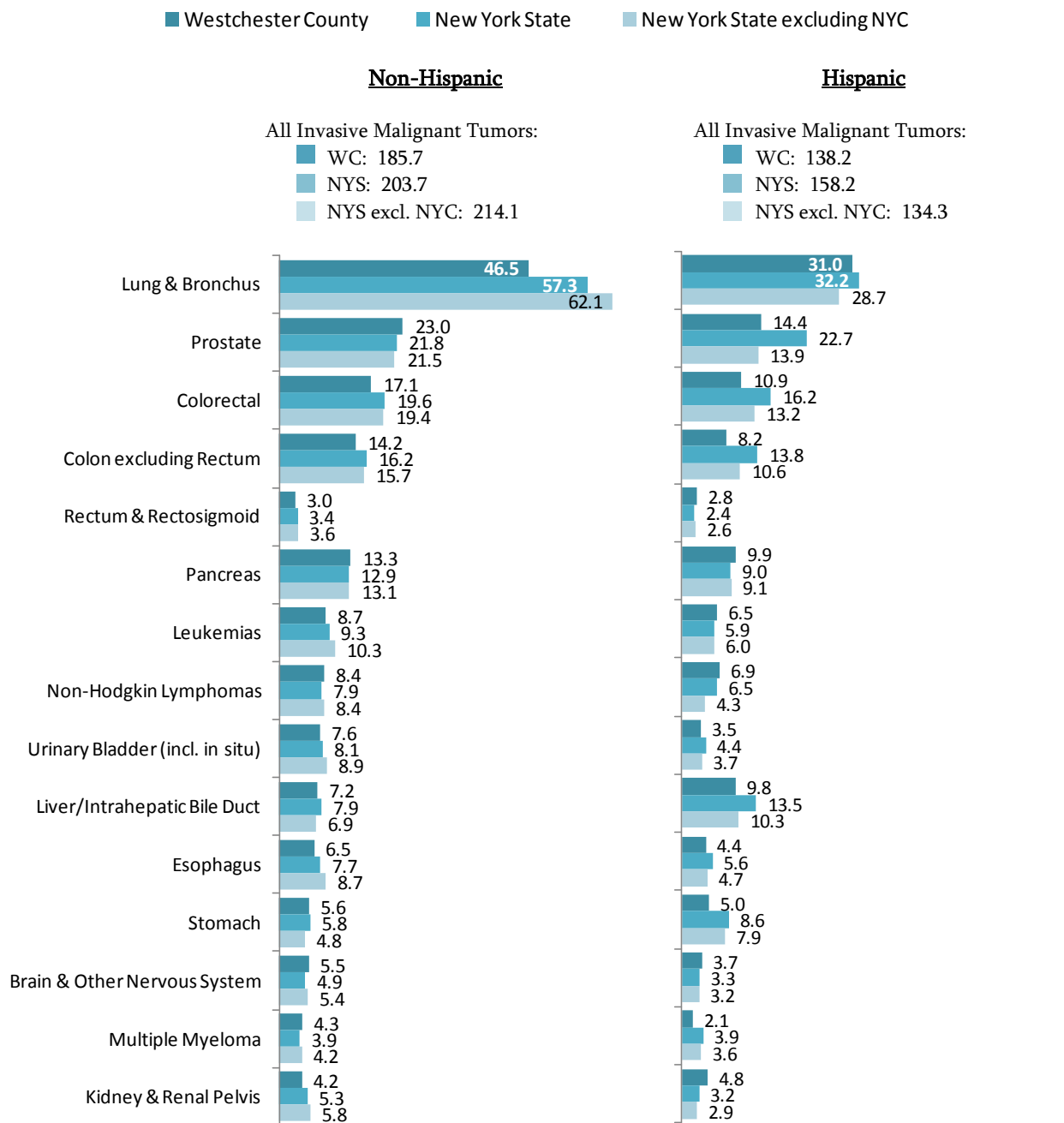


Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Hispanic men in Westchester County experienced no significant differences in cancer mortality than Hispanic men in New York State, including or excluding New York City. (Figure 39)

Figure 39. Average Annual Cancer Mortality Rates among Males by Ethnicity, Westchester County and New York State, 2005–2009



Rates are per 100,000.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

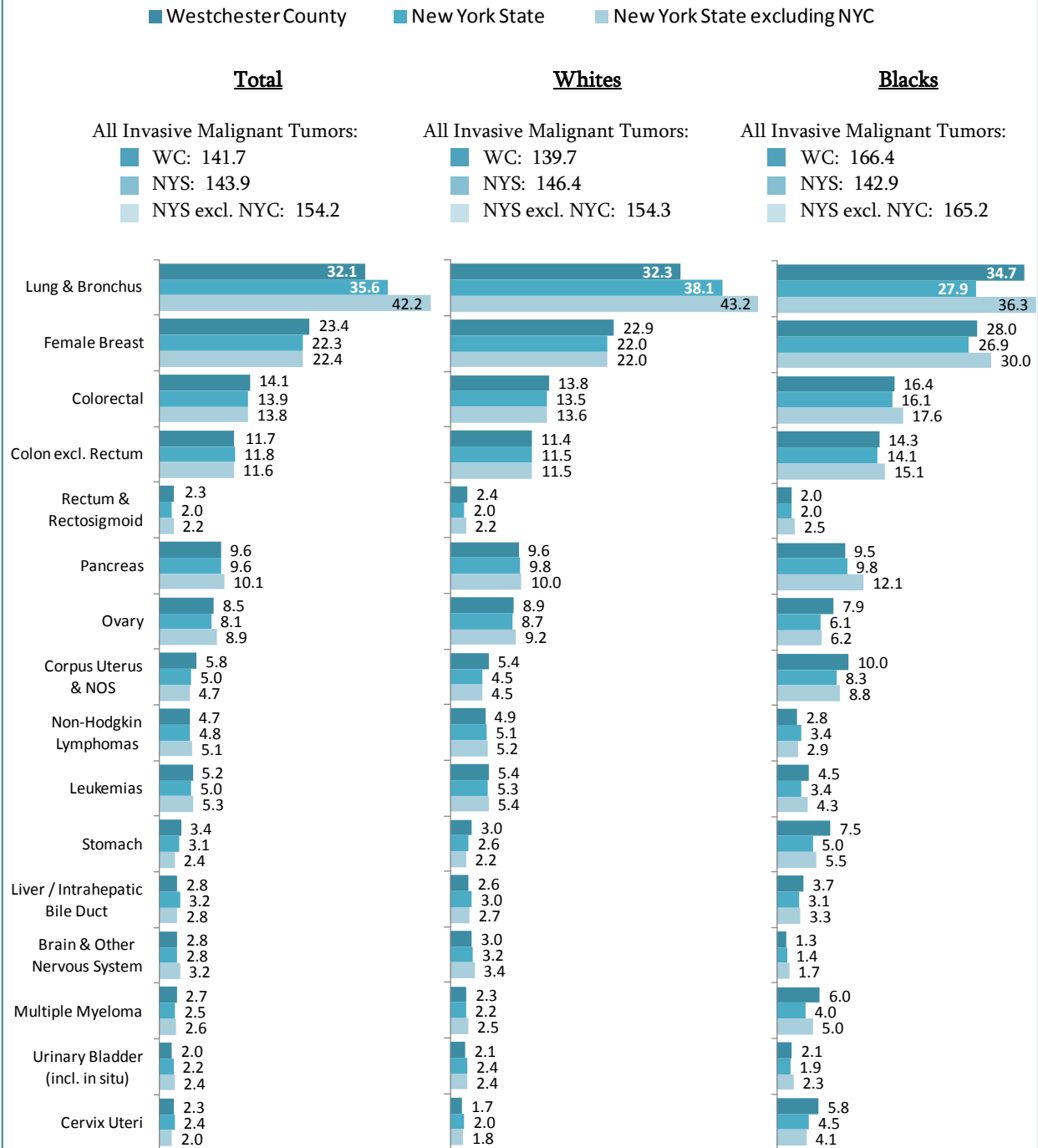
Females

The mortality rate due to malignant cancers for women in Westchester County was significantly lower than that of women in New York State only when cases in New York City were excluded (141.7 vs. 154.2 per 100,000). However, the mortality rate from lung and bronchus cancer was significantly lower among women living in Westchester County (32.1 per 100,000) compared to women living in New York State, both including and excluding New York City (35.6 and 42.2 per 100,000, respectively). (Figure 40)

The mortality rate from all malignant cancers among white women in Westchester County was significantly lower than that of white women living in New York State, both including and excluding the City of New York. However, among black women, those living in Westchester County had a lower rate of mortality due to all malignant cancers than black women living in New York State, only when the City of New York was excluded.

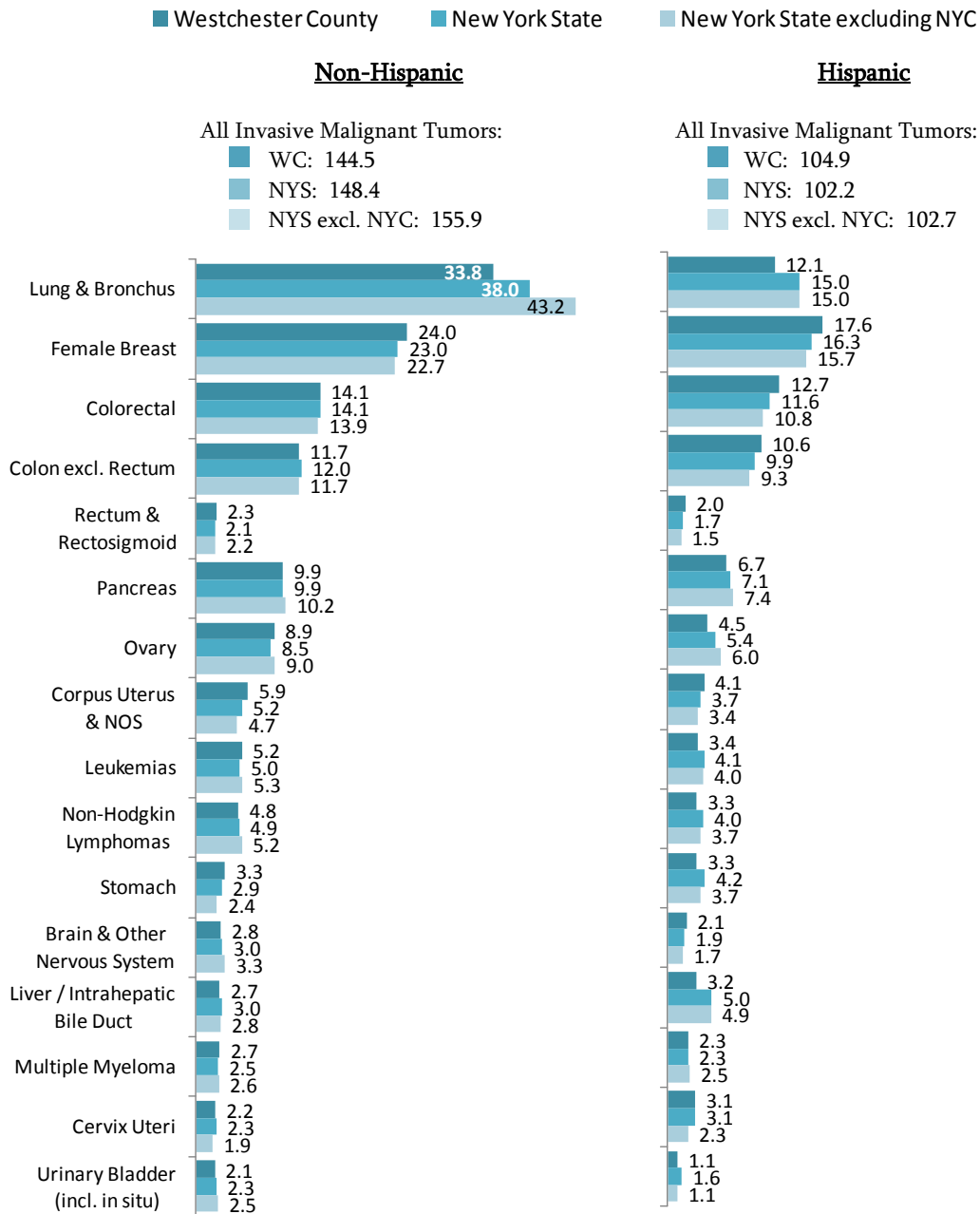
Among women living in Westchester County, the mortality rate due to lung and bronchus cancer was significantly lower than that among women living in New York State only when excluding New York City (32.1 vs. 42.2 per 100,000 women). For white women living in Westchester County, mortality rates due to lung and bronchus cancer were significantly lower than among women living in both New York State as a whole and New York State excluding New York City. Mortality rates due to lung and bronchus cancer among black women showed no significant difference in regards to place of residence.

Figure 40. Average Annual Cancer Mortality Rates among Females by Race, Westchester County and New York State, 2005-2009



Hispanic women in Westchester County showed no significant differences in mortality rates due to any cancer compared to Hispanic women living in New York State as a whole or excluding New York City. (Figure 41)

Figure 41. Average Annual Cancer Mortality Rates among Females by Ethnicity, Westchester County and New York State, 2005-2009



Rates are per 100,000.

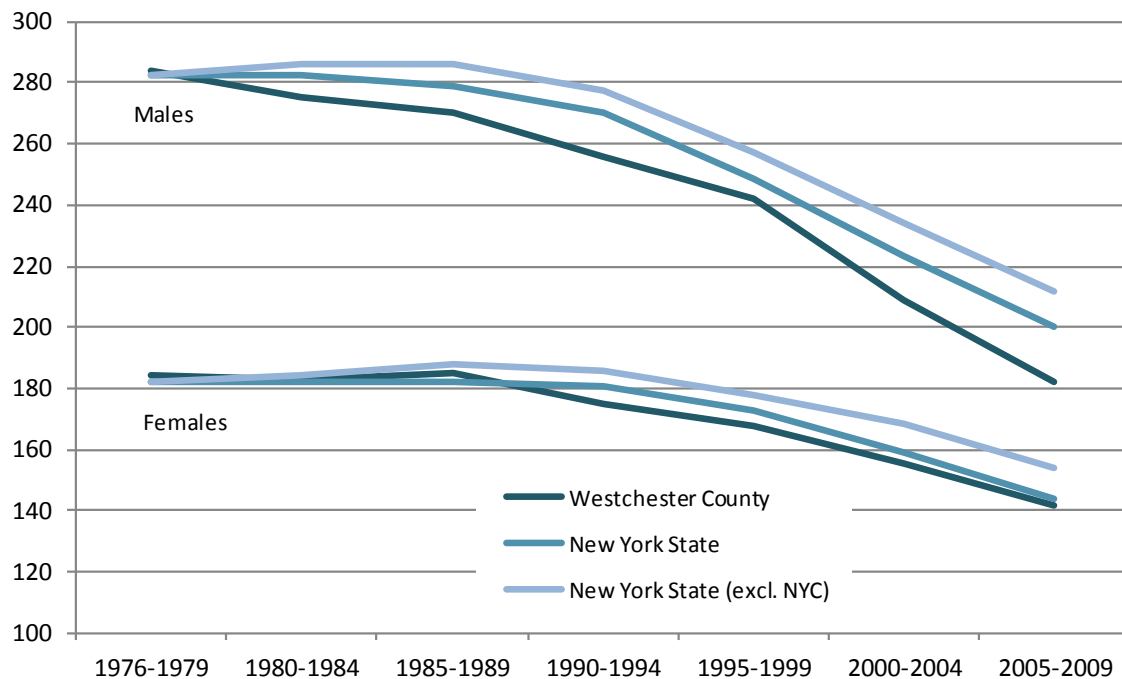
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Trends in Average Annual Cancer Mortality Rates

Mortality rates for all cancers combined for men and women in Westchester County, New York State, and New York State excluding New York City, have been decreasing since 1976-1979, the earliest period for which mortality data are available. (Figure 42)

In the last three decades, the average annual mortality rate for all invasive malignant tumors among males and females in Westchester County has decreased by 35.7% and 23.1%, respectively.

Figure 42. Average Annual Total Invasive Malignant Tumor Mortality Rates by Sex, Westchester County and New York State, 1976-2009

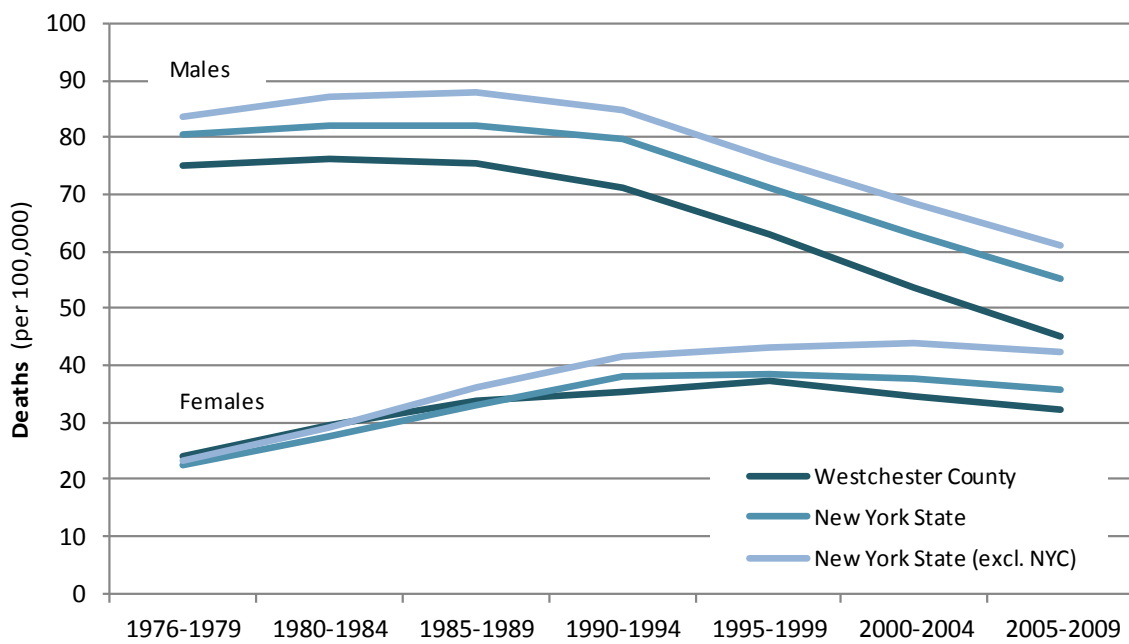


Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

During the past three decades, the mortality rate due to lung and bronchus cancer has decreased by almost 40% among males in Westchester County. However, among women, the rate has increased by 33.2%. (Figure 43)

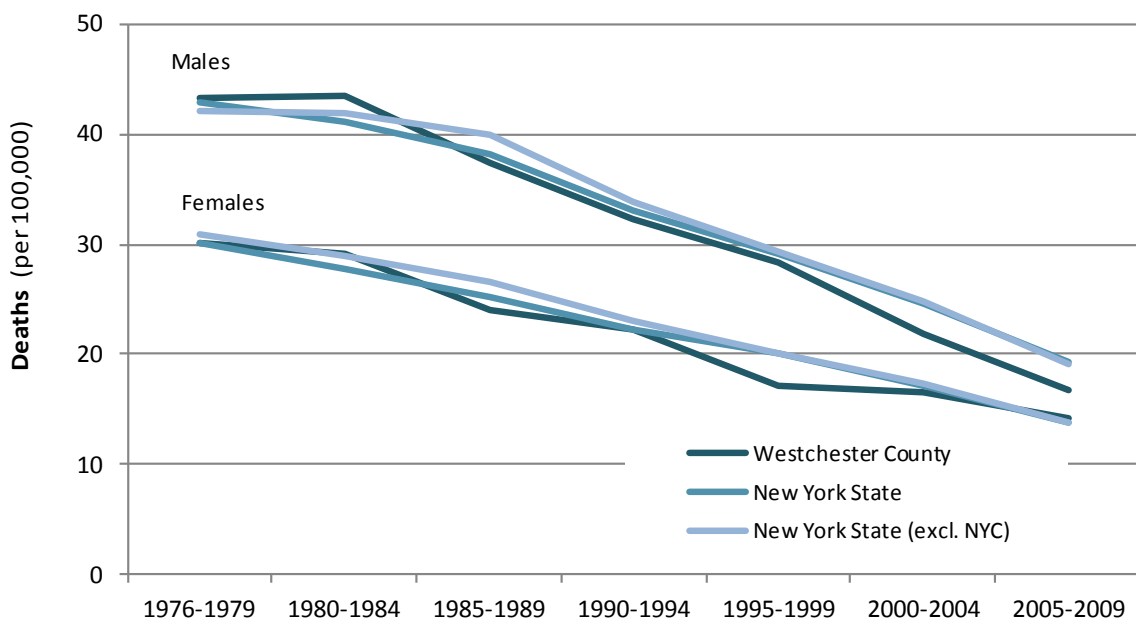
Figure 43. Average Annual Lung and Bronchus Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Since 1976, the average annual mortality rate of colorectal has been declining for both men and women in Westchester County by 61.5% and 53.3 %, respectively. (Figure 44)

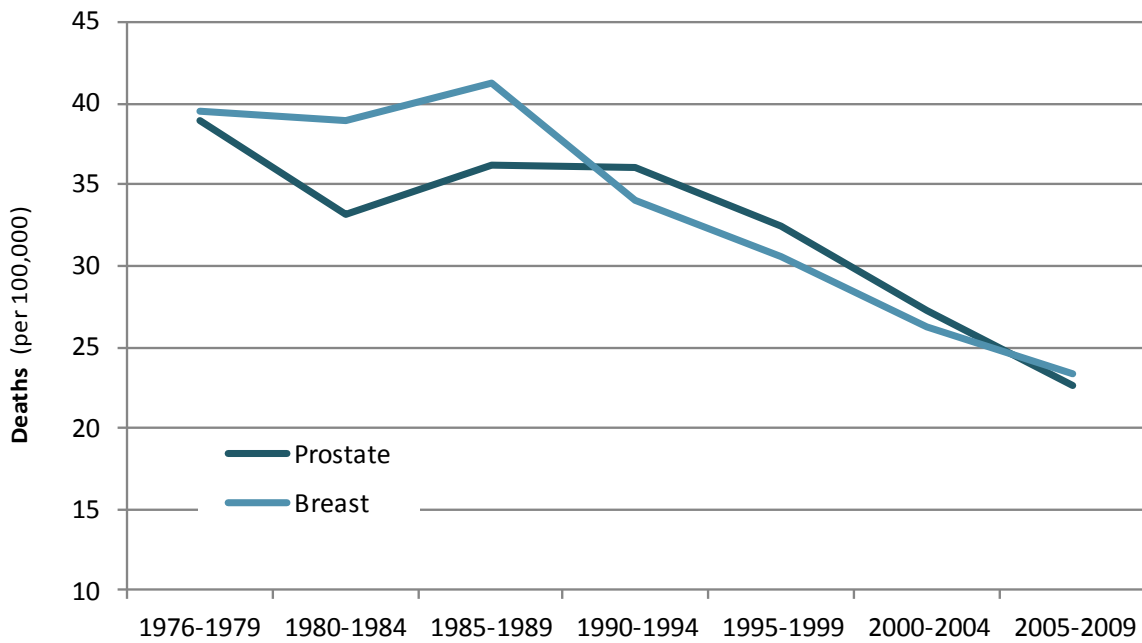
Figure 44. Average Annual Colorectal Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Since 1976, the average annual mortality rate of both prostate cancer and breast cancer has been declining in Westchester County. There has been a decrease of 41.9% in prostate cancer deaths and 40.8% decrease in breast cancer deaths. (Figure 45)

Figure 45. Average Annual Prostate Cancer Mortality and Female Breast Cancer Mortality Rates, Westchester County, 1976-2009

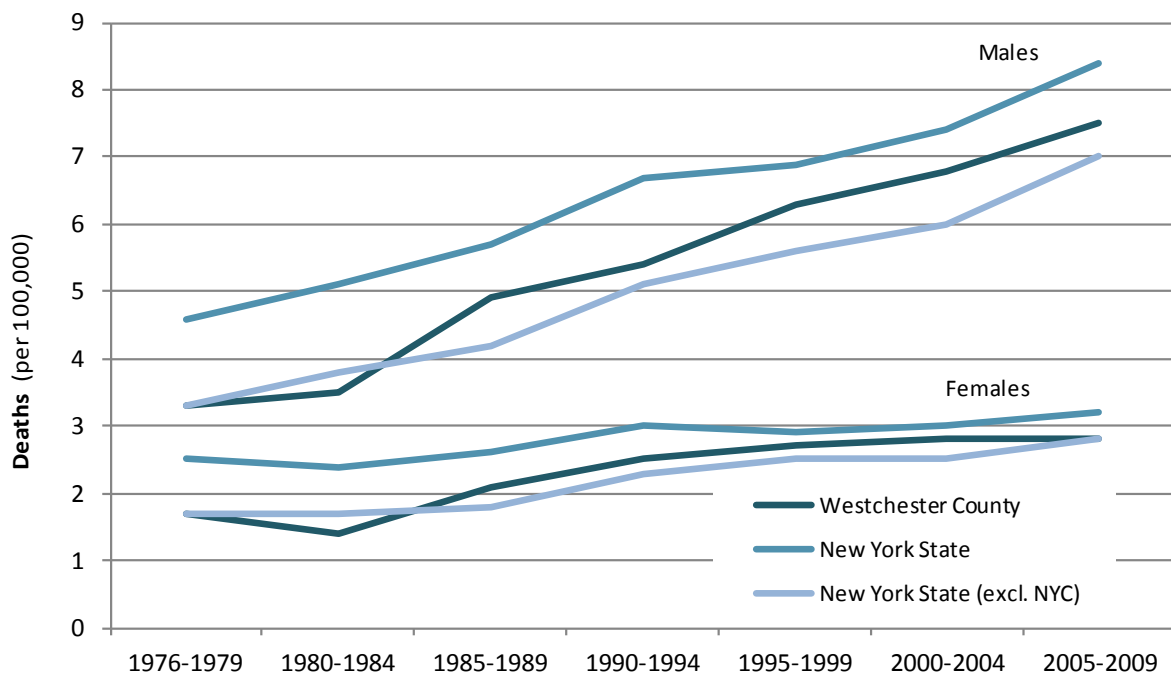


Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Among Westchester County residents, mortality rates also decreased during the 1976-2009 period for cancers of the oral cavity and pharynx, esophagus, stomach, pancreas, larynx, urinary bladder, Hodgkin lymphoma and leukemia.

The only cancer that showed an increasing trend, for both men and women, in Westchester County was cancer of liver and intrahepatic bile duct, which increased from 3.3 per 100,000 in 1976-1979 to 7.5 per 100,000 in 2005-2009 among men, and from 1.7 per 100,000 in 1976-1979 to 2.8 per 100,000 in 2005-2009 among women. (Figure 46)

Figure 46. Average Annual Liver and Intrahepatic Bile Duct Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2009



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2011.

Early Stage Cancer Diagnoses

Cancers can be diagnosed at any stage during their development. But the earlier the diagnosis occurs, the lower the chances the cancer has metastasize and the greater a patient's chances of benefitting from treatment and possibly entering remission. Tracking the percentage of cancers diagnosed at an early stage is a useful method for assessing the impact of cancer screening.

Screening for certain cancers among targeted age-groups, or other high risk individuals, provides the most reliable and accurate means of detecting cancers early and evidence suggests that these tests decrease cancer mortality rates.⁴ Examples of targeted screening tests include: mammography for breast cancer, pap test for cervical cancer, the prostate-specific antigen test for prostate cancer, and fecal occult blood test and/or colonoscopy for colorectal cancer.

Between 2005 and 2009, the percentages of Westchester County men and women diagnosed in the early stages of their cancer development were similar to that in most other surrounding counties, as well as New York State and New York State excluding New York City.

⁴ National Cancer Institute: Cancer Trends Progress Report 2011/2012 Update. (2012,6 15). Retrieved April 19, 2013 from <http://progressreport.cancer.gov/index.asp>.

Among Westchester County men, the cancers with the lowest percentage of early diagnosis were lung cancer (21.9%) and oral cancer (26.6%) followed by colorectal cancer (45.4%). Melanoma of the skin and prostate cancer were the cancers with the highest percentage of early diagnosis (87.8% and 85.9%, respectively). (Table A)

Table A. Percent of Cancers Diagnosed at an Early Stage* among Males by Select County and New York State, 2005-2009**

Region/County	Males					
	Colorectal	Lung	Melanoma	Oral	Prostate	Testis
Westchester	45.4	21.9	87.8	26.6	85.9	67.2
Putnam	35.8	23.3	85.7	29.4	86.1	86.7 ¹
Rockland	43.4	29.0	83.1	35.7	91.0	72.5
Suffolk	45.1	25.5	85.2	29.2	88.9	70.1
Nassau	44.3	27.5	89.1	29.3	89.1	68.8
New York City	42.2	21.5	85.8	26.3	86.0	65.4
Bronx	44.2	15.4	75.9	23.2	85.5	61.3
Kings (Brooklyn)	39.6	20.5	83.2	25.7	86.6	68.1
New York (Manhattan)	44.7	25.5	89.4	25.5	82.9	69.4
Queens	42.5	22.6	84.2	28.4	87.4	61.6
Richmond (Staten Island)	41.9	23.3	87.0	32.9	88.9	59.5
New York State	44.6	21.7	85.8	28.6	86.4	69.8
New York State excl. NYC	46.0	21.7	85.8	29.9	86.7	72.3

* Early stage cancers are those which are confined to the organ of origin at diagnosis.

** Based on tumors with known stage at diagnosis

¹ Due to the small number of cases, percent should be used with caution.

Source: New York State Department of Health, New York State Cancer Registry.

Among Westchester County women, the cancers with the lowest percentage of early diagnosis were ovarian cancer (21.3%) and lung cancer (27.2%). Melanoma of the skin was the cancer with the highest percentage of early diagnosis (91.4%). (Table B)

Although the percentage of women diagnosed with early stage oral cancer was much greater than that of men (42.7% vs. 26.6%), the percentage of cases detected in their earliest stage was still low. Less than half of female patients who developed oral cancer were diagnosed before the cancer had spread to other organs.

Table B. Percent of Cancers Diagnosed at an Early Stage* among Females by Select County and New York State, 2005-2009**

Region/County	Females							
	Breast	Cervix	Colorectal	Lung	Melanoma	Oral	Uterus	Ovary
Westchester	65.7	40.6	41.2	27.2	91.4	42.7	67.2	21.3
Putnam	64.0	~	41.0	26.7	84.8 ¹	~	73.8	19.4
Rockland	66.1	39.6	47.6	27.5	85.8	40.5	69.7	20.0
Suffolk	61.5	51.0	44.3	27.9	90.5	44.6	70.2	24.7
Nassau	66.4	48.2	44.9	32.3	91.1	48.0	71.2	18.1
New York City	60.7	45.9	41.1	25.7	88.2	38.6	64.8	20.8
Bronx	57.8	45.2	45.0	20.8	79.6	37.2	63.5	24.1
Kings (Brooklyn)	57.2	42.1	41.0	23.9	85.8	32.4	61.5	21.1
New York (Manhattan)	65.7	48.3	40.6	30.1	91.7	42.3	66.4	17.8
Queens	60.3	49.2	40.1	26.7	87.1	42.6	67.1	21.9
Richmond (Staten Island)	65.5	46.3	36.9	25.9	89.1	41.9	68.7	16.4
New York State	63.6	46.4	43.0	25.6	89.0	42.3	69.1	20.4
New York State excl. NYC	65.3	46.9	44.2	25.6	89.3	44.6	71.8	20.2

* Early stage cancers are those which are confined to the organ of origin at diagnosis.

** Based on tumors with known stage at diagnosis

¹ Due to the small number of cases, percent should be used with caution.

~ Percent could not be calculated, fewer than 3 cases per year.

Source: New York State Department of Health, New York State Cancer Registry.

Incidence of Childhood Cancers

According to the National Cancer Institute, cancer is one of the leading causes of death among children under the age of 15 years.

Among the 12 major types of childhood cancers, leukemias (blood cell cancers) and cancers of the brain and central nervous system account for more than half of the newly diagnosed cases. About one-third of childhood cancers are leukemias; of which the most common type is acute lymphoblastic leukemia.

Table C. Average Annual Childhood Cancer Incidence by Select County and New York State, 2005-2009

Region / County	Ages 0-19		
	Average Annual Cases	Rate	95% CI
Westchester	46.8	18.2	15.8 - 20.5
Putnam	3.2	11.4	5.8 - 17.0
Rockland	16.4	17.8	14.0 - 21.7
Suffolk	78.2	18.8	16.9 - 20.7
Nassau	65.8	18.3	16.4 - 20.3
New York City	393.2	18.6	17.7 - 19.4
Bronx	77.2	17.6	15.9 - 19.4
Kings (Brooklyn)	131.6	18.6	17.2 - 20.0
New York (Manhattan)	65.2	21.2	18.8 - 23.6
Queens	94.4	17.3	15.8 - 18.9
Richmond (Staten Island)	24.8	19.5	16.0 - 22.9
New York State	934.4	18.3	17.7 - 18.8
New York State excluding	540.0	18.1	17.5 - 18.8

Rates are per 100,000 persons, age-adjusted within the 0-19 years age interval to the 2000 US standard population.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source: New York State Department of Health, New York State Cancer Registry.

Between 2005 and 2009, there was an annual average of 46.8 cases of newly diagnosed cancers among Westchester County children aged 19 or younger. During this time period, the average annual incidence rate of childhood cancers for Westchester County's children was not significantly different than that of neighboring counties, the boroughs of New York City, or that of New York State, including or excluding New York City. (Table C)

Tables

Table 1. Average Annual Cancer Incidence Rates by Sex, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	Males			Females			Males			Females			Males			Females			Male	Female
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate	Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Rate	Rate
Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)				
All Invasive Malignant Tumors	2,685.8	574.8	9.8	2,752.6	459.1	7.8	53,277.2	583.3	2.2	51,777.4	442.7	1.7	34,497.4	613.8	2.9	32,675.4	473.4	2.3	541.8	412.3
Oral Cavity and Pharynx	67.8	13.9	1.5	33.8	5.6	0.9	1,454.8	15.1	0.4	706.0	6.0	0.2	917.2	15.5	0.5	439.6	6.4	0.3	16.1	6.2
Esophagus	35.4	7.5	1.1	16.6	2.6	0.6	818.4	8.9	0.3	276.4	2.3	0.1	577.0	10.2	0.4	169.2	2.3	0.2	7.8	1.8
Stomach	50.8	11.1	1.4	39.2	6.1	0.9	1,113.8	12.5	0.3	747.6	6.2	0.2	571.4	10.3	0.4	342.8	4.7	0.2	10.5	5.3
Colorectal	234.0	50.5	2.9	255.4	40.3	2.3	4,901.6	54.6	0.7	5,068.6	41.5	0.5	3,025.4	54.7	0.9	3,060.0	41.9	0.7	54.0	40.2
Colon excluding Rectum	166.0	36.2	2.5	196.2	30.7	2.0	3,409.0	38.5	0.6	3,821.2	31.0	0.4	2,103.6	38.4	0.7	2,321.4	31.5	0.6	37.4	29.9
Rectum & Rectosigmoid	68.0	14.3	1.5	59.2	9.6	1.1	1,492.6	16.2	0.4	1,247.4	10.4	0.3	921.8	16.3	0.5	738.6	10.4	0.3	16.5	10.3
Liver/Intrahepatic Bile Duct	58.2	11.9	1.4	19.6	3.2	0.6	1,209.4	12.5	0.3	466.4	3.9	0.2	572.4	9.7	0.4	226.0	3.2	0.2	11.6	3.9
Pancreas	70.8	15.3	1.6	77.6	11.8	1.2	1,352.0	15.1	0.4	1,440.4	11.6	0.3	856.0	15.4	0.5	880.2	11.8	0.4	13.8	10.8
Larynx	27.8	6.0	1.0	8.0	1.3	0.4	648.4	6.9	0.2	187.2	1.6	0.1	406.0	7.0	0.3	116.4	1.7	0.1	6.2	1.3
Lung and Bronchus	291.4	63.9	3.3	325.8	52.8	2.6	6,881.0	77.1	0.8	6,586.2	55.1	0.6	4,670.6	84.3	1.1	4,572.2	64.5	0.8	76.4	52.7
Melanoma of the Skin	119.0	25.5	2.1	89.4	15.5	1.5	1,956.8	21.5	0.4	1,493.4	13.3	0.3	1,465.0	26.2	0.6	1,058.6	16.4	0.5	27.2	16.7
Female Breast	--	--	--	815.0	138.8	4.3	--	--	--	14,468.4	125.8	0.9	--	--	--	9,186.8	135.3	1.3	--	124.3
Cervix Uteri	--	--	--	39.6	7.4	1.0	--	--	--	913.6	8.5	0.2	--	--	--	450.2	7.5	0.3	--	8.1
Corpus Uterus and NOS	--	--	--	179.4	30.1	2.0	--	--	--	3,442.4	29.2	0.4	--	--	--	2,093.2	30.2	0.6	--	23.5
Ovary*	--	--	--	82.0	14.0	1.4	--	--	--	1,518.0	13.1	0.3	--	--	--	944.0	13.7	0.4	--	12.7
Prostate	834.2	174.3	5.3	--	--	--	15,652.4	167.2	1.2	--	--	--	10,000.8	172.4	1.5	--	--	--	154.8	--
Testis	25.6	5.9	1.0	--	--	--	538.0	5.7	0.2	--	--	--	347.6	6.7	0.3	--	--	--	5.4	--
Urinary Bladder (including in situ)	182.6	40.6	2.7	71.8	11.1	1.2	3,701.0	42.5	0.6	1,330.6	10.9	0.3	2,662.8	49.1	0.8	929.2	12.7	0.4	37.0	8.9
Kidney and Renal Pelvis	103.6	21.8	1.9	58.8	9.6	1.1	2,038.4	21.9	0.4	1,239.0	10.6	0.3	1,343.4	23.4	0.6	811.0	11.8	0.4	20.7	10.5
Brain and Other Nervous System	39.0	8.4	1.2	29.6	5.2	0.9	738.6	8.0	0.3	610.8	5.6	0.2	479.0	8.6	0.4	382.6	6.0	0.3	7.7	5.4
Thyroid	46.4	9.6	1.3	128.0	24.8	2.0	727.4	7.6	0.2	2,296.4	21.8	0.4	449.8	7.9	0.3	1,339.6	22.7	0.6	5.9	17.3
Hodgkin Lymphoma	13.4	3.0	0.7	17.0	3.6	0.8	355.0	3.7	0.2	298.4	2.9	0.2	211.2	3.8	0.2	174.8	3.1	0.2	3.2	2.5
Non-Hodgkin Lymphomas	129.0	27.9	2.2	121.8	20.0	1.6	2,364.4	25.9	0.5	2,100.0	17.8	0.3	1,513.6	27.2	0.6	1,324.2	18.9	0.5	23.8	16.3
Multiple Myeloma	43.8	9.3	1.3	37.0	5.8	0.9	760.6	8.4	0.3	689.6	5.7	0.2	453.8	8.2	0.3	389.2	5.4	0.2	7.4	4.7
Leukemias	90.4	19.8	1.8	71.4	11.7	1.2	1,592.4	17.8	0.4	1,232.4	10.6	0.3	1,085.8	19.8	0.5	806.4	11.7	0.4	16.0	9.8

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

*At the national level, ovary excludes borderline cases or histologies 8442, 8462, 8472, and 8473

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 2. Average Annual Cancer Incidence Rates Among White and Black Males, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	White			Black			White			Black			White			Black			White	Black
	Average	95%	CI	Average	95%	CI	Average	95%	CI	Average	95%	CI	Average	95%	CI	Average	95%	CI	Rate	Rate
	Annual	Rate		Annual	Rate		Annual	Rate		Annual	Rate		Annual	Rate		Annual	Rate		Annual	Rate
Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)	Cases	(+/-)			
All Invasive Malignant Tumors	2,062.4	578.0	11.3	326.4	671.8	34.0	43,431.4	586.9	2.5	7,157.2	603.1	6.6	31,614.0	614.2	3.1	2,195.0	665.1	13.3	542.7	627.1
Oral Cavity and Pharynx	51.8	14.2	1.8	6.8	12.9	4.5	1,172.2	15.2	0.4	181.8	14.0	1.0	847.6	15.7	0.5	52.0	14.1	1.8	16.5	15.4
Esophagus	26.8	7.3	1.2	4.4	9.8	4.4	695.6	9.3	0.3	97.6	8.5	0.8	539.6	10.4	0.4	31.8	10.2	1.7	8.0	8.9
Stomach	36.0	10.0	1.5	6.8	15.4	5.5	796.4	10.9	0.3	189.0	17.9	1.2	502.4	9.9	0.4	52.8	17.9	2.3	9.3	17.0
Colorectal	176.0	49.7	3.3	27.8	60.0	10.5	3,958.6	54.2	0.8	662.4	57.9	2.1	2,761.0	54.4	0.9	200.8	62.1	4.1	53.1	66.9
Colon excluding Rectum	126.2	35.7	2.8	20.6	44.9	9.1	2,747.4	37.9	0.6	482.6	43.1	1.8	1,916.0	38.1	0.8	148.8	47.1	3.6	36.9	49.4
Rectum & Rectosigmoid	49.8	13.9	1.8	7.2	15.0	5.2	1,211.2	16.3	0.4	179.8	14.7	1.0	845.0	16.3	0.5	52.0	15.0	1.9	16.2	17.5
Liver/Intrahepatic Bile Duct	34.4	9.4	1.4	10.6	20.8	5.8	812.8	10.5	0.3	228.8	17.6	1.1	475.6	8.9	0.4	70.0	18.8	2.1	10.0	14.9
Pancreas	57.4	15.8	1.8	8.2	16.8	5.3	1,138.6	15.5	0.4	164.0	14.5	1.0	789.2	15.4	0.5	55.4	17.6	2.2	13.7	17.7
Larynx	20.6	5.7	1.1	5.8	12.9	4.9	530.4	7.0	0.3	99.0	8.3	0.8	371.2	7.0	0.3	31.2	9.7	1.6	6.1	9.9
Lung and Bronchus	234.6	65.1	3.7	36.2	78.3	11.9	5,768.6	78.9	0.9	833.6	73.6	2.4	4,326.8	84.8	1.1	292.2	94.6	5.2	76.4	99.9
Melanoma of the Skin	110.8	31.8	2.7	0.8	1.4	1.4	1,861.6	25.3	0.5	14.6	1.2	0.3	1,422.8	27.9	0.7	4.0	1.0	0.4	31.6	1.1
Prostate	606.8	163.6	5.9	133.8	272.8	21.6	11,913.0	156.8	1.3	2,992.2	251.1	4.2	8,886.4	166.9	1.6	876.4	266.2	8.3	146.9	236.0
Testis	20.8	8.6	1.7	1.2	2.0	1.6	488.8	6.9	0.3	22.8	1.4	0.3	336.6	7.5	0.4	5.2	1.0	0.4	6.4	1.3
Urinary Bladder (including in situ)	161.8	45.1	3.1	10.0	22.6	6.5	3,395.6	47.1	0.7	189.4	18.2	1.2	2,574.8	51.2	0.9	60.8	21.4	2.6	40.0	21.2
Kidney and Renal Pelvis	80.6	22.7	2.3	11.8	23.1	6.1	1,714.4	22.8	0.5	235.0	18.3	1.1	1,240.2	23.7	0.6	82.6	22.6	2.3	21.2	24.3
Brain and Other Nervous System	30.2	9.3	1.5	3.6	6.8	3.2	636.2	8.8	0.3	61.4	4.4	0.5	453.6	9.1	0.4	18.2	4.4	1.0	8.4	4.7
Thyroid	37.2	11.6	1.7	2.8	4.9	2.6	620.0	8.3	0.3	49.6	3.7	0.5	418.2	8.2	0.4	17.4	4.5	1.0	6.2	3.3
Hodgkin Lymphoma	8.8	3.2	1.0	2.6	4.2	2.3	282.8	3.9	0.2	54.4	3.5	0.4	188.6	3.9	0.3	18.4	4.0	0.8	3.3	3.1
Non-Hodgkin Lymphomas	102.0	29.5	2.6	10.0	19.5	5.6	1,994.2	27.1	0.5	252.2	19.0	1.1	1,402.6	27.6	0.7	75.8	20.9	2.3	24.8	17.5
Multiple Myeloma	29.6	8.2	1.3	9.0	18.3	5.5	565.0	7.7	0.3	166.0	14.4	1.0	394.6	7.7	0.3	49.2	15.3	2.0	6.9	14.3
Leukemias	70.2	20.0	2.1	7.6	15.5	5.2	1,371.8	19.0	0.5	131.2	10.9	0.9	1,011.4	20.2	0.6	42.6	11.9	1.8	16.8	12.5

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 3. Average Annual Cancer Incidence Rates Among White and Black Females, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	White			Black			White			Black			White			Black			White	Black
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate	Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Rate	Rate
Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)				
All Invasive Malignant Tumors	2,163.4	495.7	9.8	308.0	410.3	20.7	42,406.6	459.8	2.0	6,754.2	377.8	4.1	30,170.6	480.6	2.5	1,842.6	419.4	8.7	423.1	398.3
Oral Cavity and Pharynx	25.2	5.6	1.0	3.4	4.3	2.0	561.8	6.1	0.2	93.4	5.2	0.5	402.2	6.4	0.3	26.0	5.7	1.0	6.3	5.6
Esophagus	13.6	2.7	0.7	2.0	2.5	1.6	220.6	2.2	0.1	46.6	2.6	0.3	156.2	2.3	0.2	10.4	2.4	0.7	1.8	2.8
Stomach	25.4	5.2	0.9	8.2	10.7	3.3	511.0	5.2	0.2	164.0	9.6	0.7	288.6	4.3	0.2	40.6	9.8	1.4	4.4	8.7
Colorectal	199.2	40.7	2.6	32.8	44.2	6.8	4,030.8	40.8	0.6	771.4	43.9	1.4	2,803.6	41.6	0.7	201.0	47.2	3.0	39.2	50.3
Colon excluding Rectum	153.8	30.9	2.3	24.8	33.8	6.0	3,054.0	30.5	0.5	591.0	33.8	1.2	2,133.2	31.3	0.6	154.4	36.7	2.6	29.1	38.7
Rectum & Rectosigmoid	45.4	9.8	1.3	8.0	10.5	3.3	976.8	10.3	0.3	180.4	10.1	0.7	670.4	10.3	0.4	46.6	10.5	1.4	10.1	11.6
Liver/Intrahepatic Bile Duct	12.6	2.6	0.7	3.0	4.0	2.0	334.2	3.5	0.2	80.8	4.5	0.4	195.4	3.0	0.2	20.8	4.7	0.9	3.4	4.4
Pancreas	62.8	12.2	1.4	8.4	11.1	3.4	1,179.8	11.7	0.3	213.4	12.3	0.7	807.6	11.8	0.4	61.4	14.9	1.7	10.6	14.4
Larynx	6.2	1.3	0.5	1.6	2.0	1.4	151.2	1.6	0.1	32.4	1.8	0.3	106.2	1.7	0.1	9.4	2.1	0.6	1.3	1.8
Lung and Bronchus	272.6	57.5	3.1	36.8	50.4	7.4	5,671.2	59.4	0.7	724.6	41.1	1.3	4,306.6	66.2	0.9	221.2	52.3	3.1	55.1	52.6
Melanoma of the Skin	81.4	20.5	2.1	0.8	1.0	1.0	1,400.2	16.3	0.4	21.4	1.2	0.2	1,016.8	17.7	0.5	5.8	1.4	0.5	19.9	0.9
Female Breast	640.0	153.6	5.5	88.2	116.0	10.9	11,748.2	130.7	1.1	1,972.6	108.8	2.2	8,444.2	137.2	1.3	547.6	120.8	4.6	127.3	121.2
Cervix Uteri	19.6	5.6	1.2	8.6	11.6	3.5	609.4	7.6	0.3	222.4	12.3	0.7	386.6	7.3	0.3	48.4	10.5	1.3	8.0	9.8
Corpus Uterus and NOS	140.2	32.4	2.5	21.8	28.5	5.4	2,769.8	30.0	0.5	503.2	27.7	1.1	1,940.2	30.8	0.6	115.2	26.3	2.2	24.8	21.8
Ovary*	64.2	14.9	1.7	9.0	12.1	3.6	1,261.4	13.8	0.3	171.2	9.5	0.6	882.6	14.1	0.4	42.4	9.5	1.3	13.4	9.8
Urinary Bladder (including in situ)	62.6	12.6	1.5	6.4	8.6	3.0	1,193.0	12.1	0.3	102.6	6.0	0.5	891.6	13.3	0.4	27.2	6.7	1.1	9.6	7.1
Kidney and Renal Pelvis	46.6	10.2	1.4	7.6	10.2	3.3	1,021.2	11.1	0.3	169.2	9.4	0.6	740.8	11.9	0.4	57.6	13.2	1.5	10.7	12.0
Brain and Other Nervous System	23.4	6.0	1.2	1.4	2.0	1.5	520.6	6.2	0.2	61.6	3.4	0.4	359.0	6.4	0.3	15.8	3.4	0.8	5.9	3.6
Thyroid	99.0	30.7	2.9	8.2	10.9	3.4	1,844.2	23.5	0.5	206.4	11.2	0.7	1,228.4	23.7	0.6	59.2	12.5	1.4	18.3	10.1
Hodgkin Lymphoma	13.6	4.8	1.2	1.0	1.4	1.2	240.8	3.2	0.2	44.6	2.4	0.3	159.6	3.3	0.2	11.8	2.3	0.6	2.7	2.4
Non-Hodgkin Lymphomas	98.0	21.2	2.0	10.8	14.7	4.0	1,778.0	18.9	0.4	226.4	12.6	0.7	1,239.2	19.4	0.5	57.2	12.7	1.5	17.1	11.8
Multiple Myeloma	22.0	4.4	0.9	11.0	14.8	4.0	475.8	4.9	0.2	185.0	10.5	0.7	326.0	4.8	0.2	54.2	12.6	1.5	4.1	10.1
Leukemias	56.6	12.7	1.6	6.2	8.3	2.9	1,042.4	11.3	0.3	123.4	6.9	0.6	745.8	11.9	0.4	34.6	7.7	1.2	10.2	7.8

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

*At the national level, ovary excludes borderline cases or histologies 8442, 8462, 8472, and 8473

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 4. Average Annual Cancer Incidence Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	
Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)			
All Invasive Malignant Tumors	2,483.2	584.1	10.4	202.6	508.3	36.3	48,889.2	595.5	2.4	4,388.0	470.4	6.8	33,515.2	620.3	3.0	982.2	456.5	14.5	402.0
Oral Cavity and Pharynx	61.2	14.0	1.6	6.6	13.9	5.5	1,313.2	15.3	0.4	141.6	14.1	1.1	892.2	15.8	0.5	25.0	10.0	2.0	9.1
Esophagus	32.4	7.5	1.2	3.0	8.6	4.9	753.4	9.1	0.3	65.0	7.6	0.9	563.8	10.3	0.4	13.2	7.1	1.9	5.0
Stomach	45.4	10.7	1.4	5.4	13.9	6.1	972.2	12.0	0.3	141.6	16.2	1.3	536.8	10.0	0.4	34.6	17.0	2.9	14.4
Colorectal	215.2	51.0	3.1	18.8	46.9	11.0	4,446.0	54.9	0.7	455.6	50.6	2.3	2,923.0	54.9	0.9	102.4	50.3	4.9	45.2
Colon excluding Rectum	155.0	36.9	2.6	11.0	29.0	8.8	3,109.8	38.8	0.6	299.2	34.3	1.9	2,038.2	38.6	0.8	65.4	33.0	4.1	--
Rectum & Rectosigmoid	60.2	14.0	1.6	7.8	17.9	6.6	1,336.2	16.1	0.4	156.4	16.3	1.2	884.8	16.3	0.5	37.0	17.3	2.8	--
Liver/Intrahepatic Bile Duct	49.0	11.2	1.4	9.2	18.7	6.0	985.8	11.5	0.3	223.6	22.2	1.4	532.2	9.5	0.4	40.2	17.5	2.7	17.3
Pancreas	66.6	15.6	1.7	4.2	12.2	6.0	1,251.2	15.4	0.4	100.8	11.7	1.1	833.8	15.5	0.5	22.2	11.9	2.5	11.6
Larynx	26.4	6.2	1.1	1.4	4.7	3.8	582.4	6.9	0.3	66.0	7.0	0.8	396.2	7.1	0.3	9.8	4.3	1.4	--
Lung and Bronchus	274.0	65.0	3.5	17.4	51.4	12.0	6,469.8	79.9	0.9	411.2	49.2	2.3	4,583.2	85.6	1.1	87.4	48.5	5.0	40.5
Melanoma of the Skin	116.4	27.8	2.3	2.6	5.3	3.5	1,920.4	23.6	0.5	36.4	3.9	0.6	1,453.2	27.2	0.6	11.8	4.7	1.4	4.7
Prostate	773.0	175.5	5.6	61.2	177.9	21.9	14,319.6	169.4	1.3	1,332.8	149.6	3.8	9,714.4	173.6	1.6	286.4	144.1	8.1	125.9
Testis	22.2	6.7	1.3	3.4	2.9	1.4	475.4	6.1	0.2	62.6	3.5	0.4	330.6	7.1	0.3	17.0	3.0	0.6	--
Urinary Bladder (including in situ)	175.6	42.1	2.8	7.0	20.5	7.8	3,538.8	44.6	0.7	162.2	20.6	1.5	2,623.6	50.0	0.9	39.2	22.8	3.5	19.6
Kidney and Renal Pelvis	94.8	22.2	2.0	8.8	20.2	7.0	1,877.8	22.5	0.5	160.6	16.0	1.2	1,299.8	23.7	0.6	43.6	17.9	2.7	19.5
Brain and Other Nervous System	34.6	8.5	1.3	4.4	6.1	2.9	658.4	8.2	0.3	80.2	6.7	0.7	456.8	8.7	0.4	22.2	6.4	1.5	5.9
Thyroid	42.4	10.5	1.4	4.0	5.2	2.5	674.8	8.1	0.3	52.6	4.2	0.6	433.4	8.1	0.3	16.4	4.9	1.2	--
Hodgkin Lymphoma	11.6	3.2	0.8	1.8	3.4	3.1	303.0	3.8	0.2	52.0	3.7	0.5	199.8	3.9	0.2	11.4	2.8	0.9	--
Non-Hodgkin Lymphomas	117.8	28.5	2.3	11.2	22.1	7.1	2,124.4	26.1	0.5	240.0	22.8	1.4	1,455.8	27.3	0.6	57.8	21.7	3.0	19.5
Multiple Myeloma	40.6	9.5	1.3	3.2	8.1	4.5	687.0	8.5	0.3	73.6	8.0	0.9	439.8	8.2	0.3	14.0	7.2	1.9	6.3
Leukemias	81.6	19.7	1.9	8.8	16.9	6.3	1,457.2	18.2	0.4	135.2	12.5	1.1	1,046.8	20.0	0.5	39.0	14.3	2.5	11.7

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 5. Average Annual Cancer Incidence Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	
Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)			
All Invasive Malignant Tumors	2,561.8	473.8	8.5	190.8	333.8	22.8	47,470.0	457.1	1.9	4,307.4	329.6	4.5	31,699.8	478.9	2.4	975.6	349.2	10.4	324.1
Oral Cavity and Pharynx	30.6	5.6	0.9	3.2	7.2	3.7	641.4	6.2	0.2	64.6	5.0	0.6	424.8	6.4	0.3	14.8	5.9	1.4	--
Esophagus	16.0	2.7	0.6	0.6	1.6	1.8	257.2	2.3	0.1	19.2	1.6	0.3	165.8	2.4	0.2	3.4	1.5	0.7	--
Stomach	35.0	5.9	0.9	4.2	8.1	3.6	637.6	5.8	0.2	110.0	9.0	0.8	321.8	4.6	0.2	21.0	8.5	1.7	8.5
Colorectal	238.0	40.7	2.4	17.4	34.8	7.8	4,660.2	42.4	0.6	408.4	33.0	1.5	2,971.2	42.1	0.7	88.8	34.9	3.4	31.5
Colon excluding Rectum	182.8	30.9	2.1	13.4	27.6	7.0	3,523.6	31.7	0.5	297.6	24.4	1.3	2,257.0	31.6	0.6	64.4	25.9	3.0	--
Rectum & Rectosigmoid	55.2	9.8	1.2	4.0	7.2	3.4	1,136.6	10.6	0.3	110.8	8.6	0.7	714.2	10.5	0.3	24.4	8.9	1.7	--
Liver/Intrahepatic Bile Duct	17.0	3.0	0.7	2.6	5.6	3.2	375.8	3.5	0.2	90.6	7.3	0.7	209.6	3.1	0.2	16.4	6.8	1.5	6.7
Pancreas	72.8	11.9	1.3	4.8	11.0	4.6	1,327.0	11.8	0.3	113.4	9.6	0.8	854.0	11.9	0.4	26.2	11.6	2.1	10.3
Larynx	7.8	1.4	0.4	0.2	0.6	1.2	169.4	1.6	0.1	17.8	1.4	0.3	114.6	1.7	0.1	1.8	0.8	0.5	--
Lung and Bronchus	315.6	55.4	2.8	10.2	23.1	6.6	6,274.4	58.6	0.7	311.8	25.4	1.3	4,509.8	65.8	0.9	62.4	26.4	3.0	25.8
Melanoma of the Skin	87.4	17.3	1.7	2.0	3.8	2.6	1,456.8	15.0	0.4	36.6	2.7	0.4	1,046.8	17.2	0.5	11.8	4.1	1.1	--
Female Breast	756.4	144.2	4.7	58.6	96.5	11.8	13,255.6	130.6	1.0	1,212.8	90.5	2.3	8,903.6	137.1	1.3	283.2	97.7	5.4	92.7
Cervix Uteri	30.0	6.4	1.1	9.6	13.7	4.1	753.2	8.1	0.3	160.4	11.3	0.8	409.0	7.2	0.3	41.2	11.7	1.7	11.8
Corpus Uterus and NOS	167.0	30.9	2.1	12.4	19.7	5.1	3,153.2	30.2	0.5	289.2	21.7	1.1	2,035.8	30.6	0.6	57.4	19.6	2.4	19.3
Ovary*	75.8	14.4	1.5	6.2	10.2	3.9	1,381.8	13.4	0.3	136.2	10.1	0.8	911.2	13.8	0.4	32.8	11.6	1.9	11.3
Urinary Bladder (including in situ)	69.4	11.6	1.3	2.4	5.6	3.3	1,257.2	11.4	0.3	73.4	6.2	0.6	915.4	13.0	0.4	13.8	6.0	1.5	5.3
Kidney and Renal Pelvis	55.0	9.9	1.2	3.8	6.3	3.0	1,134.0	10.9	0.3	105.0	8.0	0.7	786.6	12.0	0.4	24.4	8.7	1.6	10.9
Brain and Other Nervous System	26.2	5.2	0.9	3.4	4.1	2.0	545.4	5.7	0.2	65.4	4.5	0.5	367.0	6.1	0.3	15.6	4.6	1.1	--
Thyroid	115.2	26.5	2.2	12.8	17.1	4.4	2,046.2	22.7	0.4	250.2	16.8	0.9	1,267.2	23.0	0.6	72.4	20.0	2.2	16.0
Hodgkin Lymphoma	15.2	3.9	0.9	1.8	2.6	1.9	259.6	3.0	0.2	38.8	2.5	0.4	164.8	3.2	0.2	10.0	2.7	0.8	--
Non-Hodgkin Lymphomas	113.2	20.4	1.7	8.6	15.1	4.8	1,897.0	18.1	0.4	203.0	15.5	1.0	1,280.8	19.1	0.5	43.4	16.5	2.3	15.4
Multiple Myeloma	34.2	5.9	0.9	2.8	6.0	3.3	613.2	5.6	0.2	76.4	6.3	0.6	374.6	5.3	0.2	14.6	5.9	1.4	4.7
Leukemias	65.8	11.9	1.4	5.6	9.1	3.7	1,122.0	10.8	0.3	110.4	8.1	0.7	780.8	11.8	0.4	25.6	7.8	1.5	8.5

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

*At the national level, ovary excludes borderline cases or histologies 8442, 8462, 8472, and 8473

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 6. Average Annual Cancer Incidence Rates Among Males by Region of County, Westchester County, 2005-2009

Site of Cancer	Westchester County			Northwest			Northeast			West Central			East Central			Southwest			Southeast		
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%	
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI
	Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)	
All Invasive Malignant Tumors	2,685.8	574.8	9.8	413.2	601.2	25.9	406.0	581.1	25.3	467.0	545.8	22.1	308.6	542.3	27.1	546.4	565.5	21.2	536.4	600.2	22.7
Oral Cavity and Pharynx	67.8	13.9	1.5	11.6	15.2	3.9	10.0	13.3	3.7	11.6	12.9	3.3	8.0	13.2	4.1	14.6	15.0	3.4	11.8	13.1	3.3
Esophagus	35.4	7.5	1.1	7.6	10.8	3.4	4.8	7.2	2.9	4.6	5.7	2.3	3.6	6.1	2.8	8.6	8.8	2.6	6.2	6.8	2.4
Stomach	50.8	11.1	1.4	7.6	12.0	3.8	4.4	6.5	2.7	9.4	10.9	3.1	4.2	7.6	3.3	13.6	14.0	3.3	11.6	13.5	3.5
Colorectal	234.0	50.5	2.9	33.0	48.3	7.4	29.8	46.0	7.4	39.6	46.4	6.5	27.4	47.6	8.0	53.4	55.5	6.7	50.2	56.7	7.0
Colon excluding Rectum	166.0	36.2	2.5	25.4	38.3	6.7	19.8	30.5	6.0	28.6	33.9	5.6	20.0	35.1	6.9	35.8	37.3	5.5	35.8	40.7	6.0
Rectum & Rectosigmoid	68.0	14.3	1.5	7.6	10.1	3.2	10.0	15.5	4.3	11.0	12.4	3.3	7.4	12.6	4.1	17.6	18.2	3.8	14.4	16.0	3.7
Liver/Intrahepatic Bile Duct	58.2	11.9	1.4	10.6	14.7	4.0	5.0	6.8	2.7	7.8	8.9	2.8	4.4	7.7	3.2	17.4	17.7	3.7	12.8	13.9	3.4
Pancreas	70.8	15.3	1.6	9.6	14.0	4.0	12.8	19.1	4.7	15.0	17.8	4.0	9.6	17.0	4.8	10.2	10.6	2.9	13.6	14.9	3.5
Larynx	27.8	6.0	1.0	4.8	6.5	2.6	2.4	3.5	2.0	3.8	4.6	2.1	2.8	4.9	2.6	8.8	9.1	2.7	5.2	5.8	2.2
Lung and Bronchus	291.4	63.9	3.3	45.8	69.2	9.0	36.8	55.1	8.0	43.4	53.3	7.1	32.4	58.5	9.0	71.4	74.2	7.7	61.4	69.5	7.8
Melanoma of the Skin	119.0	25.5	2.1	18.2	26.1	5.4	21.0	30.1	5.8	25.4	30.0	5.2	18.6	32.6	6.6	16.8	17.5	3.7	18.0	20.7	4.3
Prostate	834.2	174.3	5.3	125.4	177.9	13.9	136.8	182.5	13.7	143.4	160.3	11.7	95.0	165.5	14.9	152.8	156.1	11.1	178.2	195.3	12.8
Testis	25.6	5.9	1.0	3.4	4.7	2.2	5.0	9.3	3.6	3.8	4.9	2.2	3.4	6.5	3.1	4.4	4.7	2.0	5.4	6.5	2.5
Urinary Bladder (including in situ)	182.6	40.6	2.7	29.0	45.8	7.5	32.2	49.4	7.6	29.8	36.6	5.9	22.6	40.7	7.5	36.8	38.4	5.5	31.4	36.3	5.7
Kidney and Renal Pelvis	103.6	21.8	1.9	13.8	19.9	4.7	19.6	28.0	5.5	20.2	23.0	4.5	9.8	16.6	4.6	21.6	22.3	4.2	18.6	20.6	4.2
Brain and Other Nervous System	39.0	8.4	1.2	6.8	9.4	3.2	5.2	6.7	2.6	8.6	10.4	3.1	4.2	7.5	3.2	8.4	8.7	2.6	5.8	6.6	2.4
Thyroid	46.4	9.6	1.3	6.6	8.3	2.8	10.4	13.9	3.8	8.4	10.0	3.0	6.4	11.1	3.8	5.4	5.6	2.1	9.0	10.1	3.0
Hodgkin Lymphoma	13.4	3.0	0.7	1.6	2.3	1.6	2.0	2.8	1.7	2.4	3.2	1.8	1.4	2.6	1.9	2.4	2.6	1.5	3.6	4.2	1.9
Non-Hodgkin Lymphomas	129.0	27.9	2.2	21.8	31.9	6.0	20.2	29.6	5.8	26.4	31.2	5.3	16.2	28.9	6.3	21.6	22.7	4.3	22.4	25.5	4.7
Multiple Myeloma	43.8	9.3	1.3	6.4	9.5	3.3	5.8	8.4	3.1	6.8	7.6	2.6	3.6	6.2	2.9	12.8	13.4	3.3	8.2	9.2	2.8
Leukemias	90.4	19.8	1.8	14.4	22.2	5.1	12.4	18.1	4.5	18.2	21.4	4.4	10.2	18.0	4.9	17.4	18.2	3.8	17.6	20.1	4.2

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Table 7. Average Annual Cancer Incidence Rates Among Females by Region of County, Westchester County, 2005-2009

Site of Cancer	Westchester County			Northwest			Northeast			West Central			East Central			Southwest			Southeast			
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	
	Cases	(+/-)		Cases	(+/-)	Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)		Cases	(+/-)
All Invasive Malignant Tumors	2,752.6	459.1	7.8	409.4	475.5	20.6	411.2	488.5	21.1	482.0	434.8	17.4	330.6	463.9	22.4	552.4	428.6	16.0	561.0	462.7	17.1	
Oral Cavity and Pharynx	33.8	5.6	0.9	5.2	6.2	2.4	4.8	5.9	2.4	4.2	3.7	1.6	5.2	7.4	2.8	7.2	5.5	1.8	7.0	5.7	1.9	
Esophagus	16.6	2.6	0.6	3.2	3.7	1.8	1.4	1.6	1.2	2.6	2.1	1.1	2.0	2.7	1.7	3.6	2.5	1.2	3.8	2.9	1.3	
Stomach	39.2	6.1	0.9	5.6	5.8	2.1	4.0	4.9	2.1	8.4	6.9	2.1	4.0	5.3	2.3	9.6	7.1	2.0	7.4	5.7	1.8	
Colorectal	255.4	40.3	2.3	37.0	41.4	6.0	34.4	40.5	6.1	38.8	33.0	4.6	31.0	40.6	6.4	53.8	38.9	4.6	60.0	47.0	5.3	
Colon excluding Rectum	196.2	30.7	2.0	31.0	34.9	5.5	26.4	30.8	5.3	29.0	24.7	4.0	24.4	31.7	5.6	40.0	28.7	4.0	45.2	35.0	4.6	
Rectum & Rectosigmoid	59.2	9.6	1.1	6.0	6.6	2.4	8.0	9.7	3.0	9.8	8.3	2.3	6.6	9.0	3.1	13.8	10.2	2.4	14.8	12.1	2.8	
Liver/Intrahepatic Bile Duct	19.6	3.2	0.6	2.6	2.8	1.5	3.4	3.9	1.9	2.2	1.9	1.1	2.0	2.6	1.6	5.2	4.0	1.5	4.2	3.5	1.5	
Pancreas	77.6	11.8	1.2	11.2	11.5	3.0	7.4	8.3	2.7	13.2	10.7	2.6	12.2	15.7	3.9	17.4	12.2	2.6	16.2	12.1	2.6	
Larynx	8.0	1.3	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.2	1.1	0.9	1.0	1.3	1.1	2.0	1.4	0.9	2.0	1.6	1.0	
Lung and Bronchus	325.8	52.8	2.6	51.4	58.6	7.2	47.8	56.3	7.1	57.6	50.3	5.8	34.2	45.6	6.8	72.0	53.2	5.5	62.6	50.4	5.6	
Melanoma of the Skin	89.4	15.5	1.5	12.0	14.9	3.8	15.4	18.6	4.2	20.0	18.9	3.7	13.0	19.5	4.7	13.4	10.7	2.6	15.6	13.2	2.9	
Female Breast	815.0	138.8	4.3	125.6	147.7	11.6	134.8	156.9	11.8	146.2	135.5	9.8	99.6	144.1	12.7	146.0	117.6	8.5	161.4	136.9	9.4	
Cervix Uteri	39.6	7.4	1.0	5.4	7.1	2.7	3.0	3.8	1.9	7.4	7.6	2.4	3.8	5.6	2.5	11.0	9.9	2.6	8.8	8.1	2.4	
Corpus Uterus and NOS	179.4	30.1	2.0	27.2	31.7	5.3	25.4	29.7	5.2	33.0	29.1	4.4	18.4	25.6	5.2	38.8	31.4	4.4	36.2	30.0	4.4	
Ovary	82.0	14.0	1.4	11.8	13.8	3.5	14.4	17.3	4.0	14.2	12.8	3.0	9.0	13.1	3.8	17.0	13.8	2.9	15.6	13.2	2.9	
Urinary Bladder (including in situ)	71.8	11.1	1.2	9.2	10.0	2.9	9.8	11.5	3.2	11.0	9.3	2.5	10.4	13.7	3.7	15.6	11.1	2.5	15.8	11.5	2.5	
Kidney and Renal Pelvis	58.8	9.6	1.1	9.4	11.2	3.2	9.8	11.6	3.2	9.2	8.0	2.3	5.4	7.3	2.8	13.0	9.9	2.4	12.0	9.6	2.4	
Brain and Other Nervous System	29.6	5.2	0.9	3.8	4.9	2.2	5.2	6.4	2.5	3.8	3.4	1.5	4.6	7.0	2.9	6.0	4.8	1.7	6.2	5.3	1.9	
Thyroid	128.0	24.8	2.0	20.6	27.1	5.2	19.8	26.8	5.3	28.0	28.7	4.8	17.0	27.8	5.9	18.0	16.7	3.5	24.4	23.4	4.2	
Hodgkin Lymphoma	17.0	3.6	0.8	1.8	2.8	1.8	3.0	4.5	2.3	2.2	2.6	1.5	3.0	5.5	2.8	3.8	3.4	1.5	3.2	3.3	1.6	
Non-Hodgkin Lymphomas	121.8	20.0	1.6	13.6	15.5	3.7	21.4	25.4	4.8	21.8	19.5	3.7	17.0	23.1	4.9	23.4	18.0	3.3	23.8	19.2	3.4	
Multiple Myeloma	37.0	5.8	0.9	3.4	3.5	1.7	5.8	6.6	2.4	6.0	5.1	1.8	3.2	4.2	2.1	9.0	6.7	2.0	9.6	7.4	2.1	
Leukemias	71.4	11.7	1.2	10.8	12.0	3.2	7.6	9.0	2.9	11.8	10.7	2.7	8.8	12.3	3.6	16.8	12.7	2.7	15.0	12.0	2.7	

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Table 8. Trends in Average Annual Cancer Incidence Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2009

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
All Invasive Malignant Tumors																						
Rate	463.3	494.7	480.7	519.1	578.5	590.6	563.4	475.7	506.8	520.5	571.4	572.8	581.8	571.1	483.1	511.9	525.9	572.7	585.5	605.2	599.8	
95% CI(+/-)	11.9	10.6	10.2	10.3	10.5	10.3	9.7	2.7	2.5	2.4	2.5	2.4	2.3	2.2	3.6	3.3	3.2	3.2	3.1	3.0	2.9	
Oral Cavity and Pharynx																						
Rate	16.7	17.0	18.1	134.0	13.2	12.7	13.9	17.6	18.5	17.3	17.1	15.2	14.6	15.1	16.8	17.4	16.3	15.0	14.5	14.6	15.5	
95% CI(+/-)	2.2	1.9	1.9	1.6	1.6	1.5	1.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.5	0.5	0.5	
Esophagus																						
Rate	7.7	8.6	7.4	6.9	7.9	7.2	7.5	8.4	8.5	8.3	8.6	8.4	8.5	8.9	7.5	7.2	7.5	8.0	8.4	9.1	10.2	
95% CI(+/-)	1.5	1.4	1.2	1.2	1.2	1.1	1.1	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Stomach																						
Rate	18.9	17.5	15.7	16.5	15.8	13.1	11.1	18.1	17.8	16.7	16.8	15.4	13.7	12.5	16.0	15.8	15.2	14.5	13.1	11.8	10.3	
95% CI(+/-)	2.4	2.0	1.9	1.9	1.8	1.5	1.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.7	0.6	0.6	0.5	0.5	0.4	0.4	
Colorectal																						
Rate	80.2	87.2	75.8	69.4	72.7	64.8	50.5	80.6	84.4	80.7	73.4	72.5	66.8	54.6	81.0	85.3	82.6	74.6	73.9	67.8	54.7	
95% CI(+/-)	5.0	4.5	4.1	3.8	3.8	3.4	2.9	1.1	1.0	1.0	0.9	0.9	0.8	0.7	1.5	1.3	1.3	1.2	1.1	1.0	0.9	
Colon excluding Rectum																						
Rate	54.7	59.9	55.3	48.9	52.5	46.9	36.2	55.5	58.6	56.7	52.1	51.6	47.2	38.5	55.0	58.6	57.3	52.0	51.9	47.5	38.4	
95% CI(+/-)	4.2	3.8	3.5	3.2	3.2	2.9	2.5	1.0	0.9	0.8	0.8	0.7	0.7	0.6	1.3	1.1	1.1	1.0	0.9	0.9	0.7	
Rectum & Rectosigmoid																						
Rate	25.5	27.3	20.4	20.5	20.2	17.9	14.3	25.1	25.8	23.9	21.3	20.9	19.6	16.2	26.0	26.7	25.3	22.6	22.1	20.3	16.3	
95% CI(+/-)	2.7	2.5	2.1	2.1	2.0	1.8	1.5	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.8	0.7	0.7	0.6	0.6	0.6	0.5	
Liver / Intrahepatic bile duct																						
Rate	4.4	3.9	5.1	6.6	8.8	8.8	11.9	4.9	5.2	5.7	7.2	9.1	10.4	12.5	4.1	4.3	4.6	5.7	6.9	7.8	9.7	
95% CI(+/-)	1.1	0.9	1.0	1.2	1.3	1.2	1.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	
Pancreas																						
Rate	17.4	15.1	14.7	14.3	16.3	13.8	15.3	16.1	15.3	14.5	14.7	14.4	14.3	15.1	16.3	14.7	14.5	14.7	14.3	14.5	15.4	
95% CI(+/-)	2.3	1.8	1.8	1.7	1.8	1.6	1.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.5	0.5	0.5	0.5	0.5	
Larynx																						
Rate	10.4	10.0	10.7	9.2	7.3	6.7	6.0	11.0	11.4	11.0	10.2	8.6	7.6	6.9	10.7	11.1	10.5	9.5	8.3	7.4	7.0	
95% CI(+/-)	1.7	1.4	1.5	1.3	1.2	1.1	1.0	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.5	0.5	0.4	0.4	0.4	0.3	0.3	
Lung and Bronchus																						
Rate	87.6	92.2	85.2	83.0	79.9	70.4	63.9	95.7	98.8	98.1	95.4	89.0	82.5	77.1	99.8	104.0	103.8	99.7	94.9	89.4	84.3	
95% CI(+/-)	4.9	4.5	4.2	4.1	3.9	3.6	3.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	1.6	1.4	1.4	1.3	1.2	1.2	1.1	

(continued)

Table 8. Trends in Average Annual Cancer Incidence Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2009 (continued)

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
Melanoma of the Skin																						
Rate	8.6	12.4	10.7	12.2	15.1	22.0	25.5	7.3	9.1	9.8	10.0	12.5	16.3	21.5	8.1	10.4	11.3	11.4	14.6	19.3	26.2	
95% CI (+/-)	1.5	1.6	1.5	1.5	1.7	2.0	2.1	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.6	
Prostate																						
Rate	76.7	86.1	90.9	136.2	167.2	186.7	174.3	78.7	88.9	98.0	149.0	160.9	175.1	167.2	80.9	91.1	102.2	154.5	163.5	179.5	172.4	
95% CI (+/-)	5.2	4.7	4.6	5.3	5.6	5.7	5.3	1.2	1.1	1.1	1.3	1.3	1.3	1.2	1.6	1.4	1.5	1.7	1.6	1.6	1.5	
Testis																						
Rate	3.3	4.6	4.1	4.2	5.2	6.5	5.9	3.3	4.0	4.1	4.6	4.9	5.1	5.7	3.9	4.7	4.8	5.3	6.0	6.1	6.7	
95% CI (+/-)	0.9	0.9	0.9	0.9	1.0	1.1	1.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Urinary Bladder (incl. in situ)																						
Rate	38.8	37.4	37.7	33.9	42.5	46.2	40.6	37.9	40.1	38.4	38.4	41.0	42.7	42.5	40.4	41.9	41.8	40.9	45.7	48.9	49.1	
95% CI (+/-)	3.5	2.9	2.9	2.7	2.9	2.9	2.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	1.1	0.9	0.9	0.9	0.9	0.9	0.8	
Kidney and Renal Pelvis																						
Rate	8.7	12.2	13.6	14.1	18.1	20.3	21.8	10.7	11.7	13.3	15.1	17.1	19.3	21.9	10.7	12.3	13.9	15.6	17.9	20.3	23.4	
95% CI (+/-)	1.6	1.6	1.7	1.7	1.8	1.9	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	
Brain and Other Nervous System																						
Rate	7.2	8.0	9.1	8.0	8.7	9.4	8.3	6.9	7.3	8.0	8.5	8.7	8.2	8.0	7.2	7.7	8.2	8.9	9.1	8.9	8.6	
95% CI (+/-)	1.4	1.3	1.3	1.2	1.3	1.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	
Thyroid																						
Rate	2.5	3.1	2.7	3.7	4.7	6.2	9.6	2.4	2.3	2.5	2.8	3.8	5.1	7.6	2.4	2.3	2.5	2.9	4.0	5.4	7.9	
95% CI (+/-)	0.8	0.8	0.7	0.8	0.9	1.0	1.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	
Hodgkin Lymphoma																						
Rate	3.9	4.1	4.0	3.6	4.7	4.8	3.0	4.0	4.2	4.0	3.9	3.5	3.8	3.7	4.0	4.2	3.9	3.8	3.7	4.0	3.8	
95% CI (+/-)	1.0	0.9	0.9	0.8	0.9	0.9	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	
Non-Hodgkin Lymphomas																						
Rate	13.6	17.0	18.9	21.1	25.6	27.0	27.9	13.9	16.1	20.4	24.4	24.9	24.6	25.9	14.3	15.9	19.2	21.8	24.0	25.1	27.2	
95% CI (+/-)	2.0	1.9	2.0	2.0	2.2	2.2	2.2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Multiple Myeloma																						
Rate	5.3	5.4	5.5	6.4	8.8	9.0	9.3	5.6	6.3	6.5	6.9	7.3	8.2	8.4	5.3	6.2	6.4	7.0	7.4	8.3	8.2	
95% CI (+/-)	1.3	1.1	1.1	1.1	1.3	1.3	1.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	
Leukemias																						
Rate	14.9	17.1	15.0	17.2	19.5	21.2	19.8	16.1	16.3	15.9	16.7	17.1	17.9	17.8	17.4	17.1	16.9	17.6	18.4	20.0	19.8	
95% CI (+/-)	2.1	2.0	1.8	1.9	2.0	2.0	1.8	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.6	0.6	0.6	0.6	0.5	

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

The data in this table are not identical to the data in the corresponding 2005-2009 incidence table. See the rationale in 'Considerations When Comparing Cancer Statistics Over Time' (Appendix A1).

Table 9. Trends in Average Annual Cancer Incidence Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2009

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
All Invasive Malignant Tumors																						
Rate	372.4	377.3	388.0	402.8	434.3	447.1	452.3	360.9	377.0	393.2	416.2	433.4	432.8	434.7	366.5	382.3	406.9	420.3	447.8	457.4	464.4	
95% CI(+/-)	8.6	7.6	7.6	7.6	7.8	7.8	7.8	1.9	1.8	1.8	1.8	1.8	1.7	1.7	2.6	2.3	2.4	2.3	2.4	2.3	2.3	
Oral Cavity and Pharynx																						
Rate	6.9	7.4	6.4	5.0	6.0	6.3	5.6	6.5	6.7	6.8	6.8	6.2	6.0	6.0	6.7	6.7	6.7	6.4	6.3	6.2	6.4	
95% CI(+/-)	1.1	1.1	1.0	0.8	0.9	0.9	0.9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Esophagus																						
Rate	2.9	3.2	2.6	2.7	2.7	2.2	2.6	2.7	2.8	2.7	2.8	2.6	2.4	2.3	2.2	2.3	2.1	2.6	2.4	2.3	2.3	
95% CI(+/-)	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Stomach																						
Rate	10.0	8.1	7.4	7.9	7.2	6.5	6.1	9.4	8.8	7.8	7.8	7.3	6.8	6.2	8.1	7.2	6.5	6.0	5.6	5.3	4.7	
95% CI(+/-)	1.4	1.1	1.0	1.0	1.0	0.9	0.9	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.2	0.2	
Colorectal																						
Rate	59.0	57.5	49.6	48.4	49.9	47.1	40.3	58.9	58.8	55.3	52.1	52.4	49.4	41.5	60.6	59.9	57.5	52.6	52.6	50.7	41.9	
95% CI(+/-)	3.4	2.9	2.6	2.6	2.6	2.5	2.3	0.8	0.7	0.6	0.6	0.6	0.6	0.5	1.0	0.9	0.9	0.8	0.8	0.8	0.7	
Colon excluding Rectum																						
Rate	44.2	42.4	36.7	37.4	37.3	36.1	30.7	43.6	43.7	41.6	39.3	39.5	37.1	31.0	44.8	44.8	42.8	39.3	39.5	38.1	31.5	
95% CI(+/-)	2.9	2.5	2.2	2.2	2.2	2.1	2.0	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.9	0.8	0.7	0.7	0.7	0.6	0.6	
Rectum & Rectosigmoid																						
Rate	14.8	15.0	12.9	11.0	12.5	11.0	9.6	15.3	15.1	13.7	12.8	12.9	12.2	10.4	15.8	15.1	14.7	13.2	13.0	12.6	10.4	
95% CI(+/-)	1.7	1.5	1.4	1.2	1.3	1.2	1.1	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.3	
Liver / Intrahepatic Bile Duct																						
Rate	2.3	1.3	1.8	3.0	3.3	3.3	3.2	2.3	2.2	2.3	2.9	3.4	3.5	3.9	2.0	1.9	1.9	2.4	2.7	2.8	3.2	
95% CI(+/-)	0.7	0.4	0.5	0.6	0.7	0.7	0.6	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Pancreas																						
Rate	10.6	10.8	11.8	11.6	11.0	12.2	11.8	10.8	10.9	11.0	11.2	11.3	11.7	11.6	10.4	10.4	10.8	10.8	11.2	11.8	11.8	
95% CI(+/-)	1.4	1.2	1.3	1.2	1.2	1.2	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Larynx																						
Rate	1.4	1.5	1.7	1.3	1.4	0.9	1.3	1.8	2.2	2.6	2.4	2.0	1.7	1.6	1.8	2.1	2.4	2.3	2.1	1.7	1.7	
95% CI(+/-)	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	
Lung and Bronchus																						
Rate	30.8	37.8	42.9	47.2	51.1	52.5	52.8	29.0	35.6	42.9	49.4	52.6	54.1	55.1	30.0	37.6	46.8	53.5	58.5	62.1	64.5	
95% CI(+/-)	2.4	2.4	2.5	2.6	2.6	2.6	2.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	
Melanoma of the Skin																						
Rate	7.0	7.9	7.6	7.3	8.3	11.1	15.5	5.7	6.8	6.5	6.0	7.5	10.3	13.3	6.1	7.8	7.7	7.1	8.9	12.1	16.4	
95% CI(+/-)	1.2	1.1	1.1	1.0	1.1	1.2	1.5	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	
Female Breast																						
Rate	109.0	110.7	123.4	126.8	140.5	137.7	138.8	101.0	105.7	117.3	125.2	134.2	127.7	125.8	102.9	108.2	123.7	128.0	140.2	136.2	135.3	
95% CI(+/-)	4.7	4.2	4.4	4.4	4.5	4.3	4.3	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.4	1.3	1.3	1.3	1.3	1.3	1.3	

(continued)

Table 9. Trends in Average Annual Cancer Incidence Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2009 (continued)

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
Cervix Uteri																						
Rate	11.8	8.7	9.6	9.7	9.3	7.9	7.4	13.8	12.1	11.4	11.9	11.3	9.1	8.5	12.1	10.4	10.0	9.8	9.6	7.6	7.5	
95% CI (+/-)	1.6	1.2	1.3	1.3	1.3	1.1	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.5	0.4	0.4	0.4	0.4	0.3	0.3	
Corpus Uterus and NOS																						
Rate	21.7	23.4	22.0	20.8	26.4	29.8	30.1	23.7	23.5	22.1	23.9	26.6	28.0	29.2	26.2	25.6	24.0	25.2	27.5	29.0	30.2	
95% CI (+/-)	2.0	1.9	1.8	1.7	1.9	2.0	2.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.6	0.6	0.6	0.6	0.6	
Ovary																						
Rate	17.5	16.4	17.6	17.2	17.3	16.7	14.0	16.1	16.7	16.4	17.0	16.3	14.9	13.1	16.9	17.2	17.3	17.6	16.9	15.6	13.7	
95% CI (+/-)	1.9	1.6	1.6	1.6	1.6	1.5	1.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.6	0.5	0.5	0.5	0.5	0.4	0.4	
Urinary Bladder-incl. in situ																						
Rate	10.8	10.7	10.5	11.3	13.2	12.8	11.1	9.9	10.1	10.2	10.7	11.2	11.3	10.9	10.2	10.5	10.9	11.4	12.6	12.9	12.7	
95% CI (+/-)	1.4	1.2	1.2	1.3	1.3	1.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Kidney and Renal Pelvis																						
Rate	3.9	5.5	5.9	7.2	7.5	9.4	9.6	4.8	5.5	6.4	7.3	8.3	9.4	10.6	5.1	6.0	6.9	7.9	8.8	10.2	11.8	
95% CI (+/-)	0.9	0.9	0.9	1.0	1.0	1.1	1.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	
Brain and Other Nervous System																						
Rate	4.5	5.0	5.9	6.1	7.7	6.4	5.2	4.7	5.2	5.5	6.0	6.4	6.1	5.5	4.9	5.5	5.8	6.1	6.5	6.6	6.0	
95% CI (+/-)	0.9	0.9	1.0	1.0	1.1	1.0	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Thyroid																						
Rate	4.9	4.3	5.7	5.8	10.5	17.2	24.8	4.6	4.9	5.4	6.7	9.6	14.0	21.8	4.7	4.9	5.5	6.7	10.2	15.5	22.7	
95% CI (+/-)	1.0	0.8	1.0	1.0	1.3	1.6	2.0	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	
Hodgkin Lymphoma																						
Rate	3.3	3.1	3.2	3.0	3.0	4.1	3.6	2.8	2.9	2.8	3.0	2.8	3.0	2.9	2.9	3.2	3.1	3.3	3.1	3.2	3.1	
95% CI (+/-)	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Non-Hodgkin Lymphomas																						
Rate	10.3	11.7	12.0	15.6	16.6	18.4	20.0	10.0	11.6	13.0	15.0	16.9	17.2	17.8	10.3	11.4	13.1	14.7	17.2	18.2	18.9	
95% CI (+/-)	1.4	1.3	1.3	1.5	1.5	1.6	1.6	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	
Multiple Myeloma																						
Rate	4.5	4.6	4.2	4.6	4.9	5.0	5.8	4.1	4.4	4.4	5.0	5.3	5.5	5.7	4.1	4.0	4.4	4.7	5.0	5.0	5.4	
95% CI (+/-)	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	
Leukemias																						
Rate	9.9	10.7	9.5	9.2	9.8	11.0	11.7	9.5	9.8	9.5	10.2	10.2	10.8	10.6	10.1	10.1	9.8	10.4	10.7	11.7	11.7	
95% CI (+/-)	1.4	1.3	1.2	1.2	1.2	1.2	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/>. Data as of November 2011.

Incidence data are provisional.

The data in this table are not identical to the data in the corresponding 2005-2009 incidence table. See the rationale in 'Considerations When Comparing Cancer Statistics Over Time' (Appendix A1)

Table 10. Average Annual Childhood Cancer Incidence by Select County and New York State, 2005-2009

Region/County	Average Annual Cases by Age Group				Combined Ages 0-19		
	Age 0-4	Age 5-9	Age 10-14	Age 15-19	Average Annual Cases	Rate	95% CI (+/-)
Westchester County	13.0	9.2	8.4	16.2	46.8	18.2	2.3
Putnam County	0.2	0.2	0.6	2.2	3.2	11.4	5.6
Rockland County	4.2	1.8	3.8	6.6	16.4	17.8	3.9
Suffolk County	22.0	13.4	13.8	29.0	78.2	18.8	1.9
Nassau County	17.2	11.8	11.4	25.4	65.8	18.3	2.0
New York City	120.6	63.4	83.0	126.2	393.2	18.6	0.8
Kings County (Brooklyn)	44.0	19.2	27.2	41.2	131.6	18.6	1.4
Queens County	27.4	16.4	20.4	30.2	94.4	17.3	1.6
Bronx	22.0	13.6	17.8	23.8	77.2	17.6	1.8
New York County (Manhattan)	20.2	11.2	12.4	21.4	65.2	21.2	2.4
Richmond County (Staten Island)	7.0	3.0	5.2	9.6	24.8	19.5	3.4
New York State	279.0	148.4	183.4	323.6	934.4	18.3	0.5
New York State excluding NYC	158.0	84.6	100.4	197.0	540.0	18.1	0.7

Incidence data are provisional, as of November 2011.

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 cases per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry.

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Selected County and Sex, 2009

Region/County	Males Diagnosed in Last 5 Years							
	All Cancers		Colorectal		Lung		Prostate	
	Number		Number	%	Number	%	Number	%
Westchester County	7,990		700	8.8	370	4.6	3,570	44.7
Putnam County	850		70	8.2	40	4.7	360	42.4
Rockland County	2,490		220	8.8	120	4.8	1,110	44.6
Suffolk County	12,800		1,110	8.7	600	4.7	5,570	43.5
Nassau County	12,160		1,080	8.9	580	4.8	5,380	44.2
New York City	58,790		5,170	8.8	2,690	4.6	27,650	47.0
Kings County (Brooklyn)	17,440		1,510	8.7	780	4.5	8,550	49.0
Queens County	16,650		1,530	9.2	790	4.7	7,560	45.4
New York County (Manhattan)	12,230		1,060	8.7	560	4.6	5,570	45.5
Bronx	8,660		730	8.4	380	4.4	4,320	49.9
Richmond County (Staten Island)	3,810		340	8.9	180	4.7	1,650	43.3
New York State	156,380		13,720	8.8	7,310	4.7	70,500	45.1
New York State excluding NYC	97,590		8,550	8.8	4,620	4.7	42,860	43.9
Region/County	Females Diagnosed in Last 5 Years							
	All Cancers		Colorectal		Lung		Breast	
	Number		Number	%	Number	%	Number	%
Westchester County	7,880		730	9.3	450	5.7	2,800	35.5
Putnam County	780		60	7.7	40	5.1	280	35.9
Rockland County	2,340		210	9.0	140	6.0	830	35.5
Suffolk County	12,270		1,070	8.7	710	5.8	4,350	35.5
Nassau County	11,750		1,090	9.3	690	5.9	4,180	35.6
New York City	60,400		5,790	9.6	3,260	5.4	21,570	35.7
Kings County (Brooklyn)	17,830		1,760	9.9	950	5.3	6,430	36.1
Queens County	17,180		1,660	9.7	940	5.5	6,130	35.7
New York County (Manhattan)	12,350		1,130	9.1	670	5.4	4,320	35.0
Bronx	9,190		900	9.8	490	5.3	3,340	36.3
Richmond County (Staten Island)	3,850		340	8.8	220	5.7	1,370	35.6
New York State	153,500		14,180	9.2	8,720	5.7	54,470	35.5
New York State excluding NYC	93,090		8,390	9.0	5,460	5.9	32,890	35.3

(continued)

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Select County and Sex, 2009 (continued)

	Males Ever Diagnosed						
	All cancers	Colorectal		Lung		Prostate	
	Number	Number	%	Number	%	Number	%
Westchester County	20,620	1,910	9.3	620	3.0	9,200	44.6
Putnam County	2,110	180	8.5	60	2.8	850	40.3
Rockland County	6,320	580	9.2	190	3.0	2,790	44.1
Suffolk County	32,510	2,940	9.0	1,000	3.1	13,840	42.6
Nassau County	31,760	2,990	9.4	980	3.1	14,100	44.4
New York City	146,470	13,480	9.2	4,420	3.0	68,620	46.8
Kings County (Brooklyn)	43,320	3,940	9.1	1,290	3.0	21,260	49.1
Queens County	41,830	4,010	9.6	1,290	3.1	19,050	45.5
New York County (Manhattan)	30,670	2,780	9.1	920	3.0	13,850	45.2
Bronx	21,100	1,870	8.9	620	2.9	10,450	49.5
Richmond County (Staten Island)	9,540	870	9.1	300	3.1	4,010	42.0
New York State	397,550	36,520	9.2	12,130	3.1	177,610	44.7
New York State excluding NYC	251,080	23,040	9.2	7,710	3.1	108,990	43.4
	Females Ever Diagnosed						
	All cancers	Colorectal		Lung		Breast	
	Number	Number	%	Number	%	Number	%
Westchester County	23,920	2,080	8.7	780	3.3	9,200	38.5
Putnam County	2,310	160	6.9	70	3.0	870	37.7
Rockland County	7,070	590	8.3	230	3.3	2,720	38.5
Suffolk County	37,070	2,990	8.1	1,210	3.3	14,120	38.1
Nassau County	36,020	3,120	8.7	1,190	3.3	13,890	38.6
New York City	176,260	15,840	9.0	5,520	3.1	68,010	38.6
Kings County (Brooklyn)	51,540	4,790	9.3	1,610	3.1	20,080	39.0
Queens County	50,620	4,580	9.0	1,600	3.2	19,530	38.6
New York County (Manhattan)	36,230	3,120	8.6	1,130	3.1	13,730	37.9
Bronx	26,340	2,420	9.2	810	3.1	10,270	39.0
Richmond County (Staten Island)	11,540	930	8.1	370	3.2	4,400	38.1
New York State	461,690	39,830	8.6	14,960	3.2	177,260	38.4
New York State excluding NYC	285,430	2,400	0.8	9,430	3.3	109,250	38.3

Incidence data are provisional, as of November 2011.

Estimated number of residents alive as of January 1, 2009, diagnosed with cancer within the past 5 years or within the past 33 years, respectively.

Numbers are rounded to the nearest 10.

Source: New York State Department of Health, New York State Cancer Registry.

Table 12. Average Annual Cancer Mortality Rates by Sex, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	Males			Females			Males			Females			Males			Females			Male	Female
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate	Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Rate	Rate
Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)				
All Invasive Malignant Tumors	820.2	182.4	5.6	913.0	141.7	4.2	17,386.2	199.8	1.3	17,697.8	143.9	1.0	11,400.4	211.6	1.8	11,338.8	154.2	1.3	219.4	151.1
Oral Cavity and Pharynx	12.0	2.5	0.7	7.0	1.1	0.4	312.8	3.4	0.2	140.8	1.1	0.1	183.6	3.2	0.2	86.4	1.2	0.1	3.8	1.4
Esophagus	29.2	6.3	1.0	11.0	1.7	0.5	674.6	7.5	0.3	221.8	1.8	0.1	478.4	8.6	0.3	136.0	1.8	0.1	7.7	1.6
Stomach	26.0	5.7	1.0	22.8	3.4	0.6	526.2	6.0	0.2	384.0	3.1	0.1	266.4	4.9	0.3	182.8	2.4	0.2	5.0	2.6
Colorectal	74.2	16.7	1.7	94.8	14.1	1.3	1,658.2	19.3	0.4	1,771.4	13.9	0.3	1,019.0	19.2	0.5	1,067.4	13.8	0.4	20.2	14.1
Colon excluding Rectum	60.8	13.7	1.6	79.4	11.7	1.2	1,368.4	16.0	0.4	1,514.4	11.8	0.3	823.0	15.6	0.5	902.4	11.6	0.3	--	--
Rectum & Rectosigmoid	13.4	3.0	0.7	15.4	2.3	0.5	289.8	3.3	0.2	257.0	2.0	0.1	196.0	3.6	0.2	165.0	2.2	0.2	--	--
Liver/Intrahepatic Bile Duct	35.6	7.5	1.1	18.2	2.8	0.6	783.4	8.4	0.3	390.2	3.2	0.1	395.4	7.0	0.3	210.4	2.8	0.2	8.1	3.3
Pancreas	59.4	12.9	1.5	63.6	9.6	1.1	1,109.8	12.5	0.3	1,210.8	9.6	0.2	715.0	13.0	0.4	760.0	10.1	0.3	12.5	9.5
Larynx	7.2	1.5	0.5	2.2	0.3	0.2	199.0	2.2	0.1	56.8	0.5	0.1	112.0	2.0	0.2	34.6	0.5	0.1	2.1	0.5
Lung and Bronchus	203.6	45.2	2.8	205.2	32.1	2.0	4,849.2	55.1	0.7	4,324.8	35.6	0.5	3,336.2	61.0	0.9	3,048.6	42.2	0.7	65.7	39.6
Melanoma of the Skin	15.2	3.4	0.8	10.4	1.6	0.5	287.6	3.2	0.2	168.8	1.4	0.1	222.0	4.0	0.2	121.4	1.7	0.1	4.1	1.7
Female Breast	--	--	--	146.8	23.4	1.7	--	--	--	2,713.2	22.3	0.4	--	--	--	1,625.6	22.4	0.5	--	23.0
Cervix Uteri	--	--	--	13.0	2.3	0.6	--	--	--	271.8	2.4	0.1	--	--	--	130.0	2.0	0.2	--	2.4
Corpus Uterus and NOS	--	--	--	36.8	5.8	0.9	--	--	--	612.2	5.0	0.2	--	--	--	344.4	4.7	0.2	--	4.2
Ovary*	--	--	--	53.0	8.5	1.0	--	--	--	988.2	8.1	0.2	--	--	--	654.6	8.9	0.3	--	8.2
Prostate	96.0	22.6	2.0	--	--	--	1,746.4	21.9	0.5	--	--	--	1,056.0	21.3	0.6	--	--	--	23.6	--
Testis	0.4	0.1	0.1	--	--	--	17.4	0.2	0.0	--	--	--	9.4	0.2	0.0	--	--	--	0.2	--
Urinary Bladder (including in situ)	32.0	7.3	1.1	14.2	2.0	0.5	638.0	7.8	0.3	296.0	2.2	0.1	449.0	8.8	0.4	191.4	2.4	0.2	7.7	2.2
Kidney and Renal Pelvis	19.8	4.3	0.9	11.6	1.7	0.5	450.0	5.1	0.2	262.4	2.1	0.1	315.2	5.7	0.3	179.2	2.4	0.2	5.8	2.6
Brain and Other Nervous System	25.0	5.3	0.9	16.8	2.8	0.6	434.6	4.7	0.2	330.4	2.8	0.1	300.4	5.3	0.3	220.0	3.2	0.2	5.2	3.5
Thyroid	2.2	0.5	0.3	2.6	0.4	0.2	46.4	0.5	0.1	64.8	0.5	0.1	28.0	0.5	0.1	33.4	0.4	0.1	0.5	0.5
Hodgkin Lymphoma	1.8	0.4	0.3	2.6	0.5	0.3	47.2	0.5	0.1	39.8	0.4	0.0	27.6	0.5	0.1	26.6	0.4	0.1	0.5	0.3
Non-Hodgkin Lymphomas	37.2	8.4	1.2	31.6	4.7	0.8	680.6	7.8	0.3	640.4	4.8	0.2	446.0	8.4	0.4	388.6	5.1	0.2	8.4	5.2
Multiple Myeloma	18.8	4.1	0.8	17.8	2.7	0.6	339.0	3.9	0.2	307.2	2.5	0.1	223.2	4.1	0.2	194.6	2.6	0.2	4.4	2.7
Leukemias	38.4	8.6	1.2	34.2	5.2	0.8	777.8	9.0	0.3	612.0	5.0	0.2	537.2	10.2	0.4	393.0	5.3	0.2	9.6	5.3

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

*At the national level, ovary excludes borderline cases of histologies 8442, 8462, 8472, and 8473.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 13. Average Annual Cancer Mortality Rates Among White and Black Males, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	White			Black			White			Black			White			Black			White	Black
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate	Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Rate	Rate
Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)				
All Invasive Malignant Tumors	699.0	180.3	6.0	97.4	210.7	19.8	14,418.6	201.1	1.5	2,229.6	211.5	4.2	10,510.0	211.3	1.8	714.2	242.6	8.6	216.7	288.3
Oral Cavity and Pharynx	10.2	2.6	0.7	1.4	2.7	2.1	235.6	3.1	0.2	55.0	4.5	0.6	165.4	3.1	0.2	14.6	4.5	1.1	3.6	5.7
Esophagus	24.8	6.2	1.1	3.8	7.7	3.6	584.6	7.9	0.3	72.0	6.4	0.7	451.2	8.8	0.4	22.2	7.6	1.5	7.9	8.2
Stomach	20.0	5.1	1.0	3.8	8.6	4.1	371.6	5.2	0.2	98.6	9.9	0.9	225.2	4.5	0.3	30.4	11.2	1.9	4.3	10.3
Colorectal	59.6	15.6	1.8	12.8	26.4	6.9	1,340.0	18.9	0.5	236.2	22.6	1.4	926.8	18.9	0.5	73.4	24.8	2.7	19.5	29.8
Colon excluding Rectum	48.6	12.8	1.6	10.6	22.0	6.3	1,101.0	15.6	0.4	200.0	19.4	1.3	747.8	15.3	0.5	60.6	20.9	2.5	--	--
Rectum & Rectosigmoid	11.0	2.9	0.8	2.2	4.4	2.8	239.0	3.3	0.2	36.2	3.2	0.5	179.0	3.6	0.2	12.8	3.9	1.0	--	--
Liver/Intrahepatic Bile Duct	25.8	6.4	1.1	6.2	12.4	4.5	552.0	7.4	0.3	137.2	11.0	0.9	334.4	6.5	0.3	41.4	11.6	1.7	7.4	11.9
Pancreas	50.8	12.8	1.6	6.2	12.7	4.7	937.8	12.9	0.4	127.0	11.6	1.0	663.4	13.1	0.4	39.0	12.8	1.9	12.4	15.5
Larynx	6.4	1.6	0.6	0.6	1.4	1.7	151.0	2.0	0.1	42.2	3.6	0.5	98.4	1.9	0.2	11.6	3.6	1.0	2.0	4.2
Lung and Bronchus	176.8	45.5	3.0	23.8	51.2	9.6	4,093.0	56.5	0.8	566.6	50.9	2.0	3,099.6	61.4	1.0	199.8	65.4	4.3	65.3	82.6
Melanoma of the Skin	15.0	3.9	0.9	0.0	0.0	0.0	279.6	3.8	0.2	4.8	0.4	0.2	219.8	4.3	0.3	1.0	0.3	0.3	4.6	0.5
Prostate	79.4	21.2	2.1	13.0	34.6	8.8	1,330.8	19.8	0.5	371.0	44.1	2.1	941.4	20.3	0.6	100.6	43.1	4.0	21.7	53.1
Testis	0.2	0.0	0.1	0.0	0.0	0.0	14.8	0.2	0.0	1.2	0.1	0.1	8.4	0.2	0.1	0.2	0.0	0.1	0.3	0.1
Urinary Bladder (including in situ)	30.0	7.9	1.3	1.8	3.7	2.5	585.6	8.5	0.3	40.0	4.6	0.7	433.2	9.1	0.4	13.6	5.7	1.4	8.0	5.6
Kidney and Renal Pelvis	16.8	4.2	0.9	2.4	4.7	2.8	387.4	5.3	0.2	46.8	4.1	0.6	290.8	5.8	0.3	19.0	5.5	1.2	5.9	6.0
Brain and Other Nervous System*	23.2	5.9	1.1	1.4	2.8	2.1	390.4	5.3	0.2	29.4	2.3	0.4	287.4	5.6	0.3	8.6	2.4	0.8	5.6*	3.1*
Thyroid	2.0	0.5	0.3	0.2	0.2	0.4	39.6	0.5	0.1	5.0	0.5	0.2	25.4	0.5	0.1	2.0	0.6	0.4	0.5	0.4
Hodgkin Lymphoma	1.4	0.4	0.3	0.4	0.6	0.8	40.4	0.6	0.1	5.8	0.4	0.1	24.4	0.5	0.1	3.0	0.7	0.4	0.5	0.5
Non-Hodgkin Lymphomas	33.6	8.8	1.3	3.0	6.4	3.5	599.0	8.4	0.3	60.8	5.1	0.6	419.8	8.5	0.4	20.0	6.2	1.3	8.7	6.1
Multiple Myeloma	13.6	3.5	0.8	4.4	9.1	3.9	268.6	3.8	0.2	61.0	5.5	0.6	198.6	4.0	0.3	21.0	6.9	1.4	4.1	8.0
Leukemias	35.2	9.2	1.4	2.4	5.3	3.1	680.2	9.6	0.3	67.0	6.0	0.7	507.8	10.4	0.4	21.6	6.7	1.4	9.9	8.5

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

*Due to coding changes, Brain and Nervous System are no longer shown separately.

NYSR mortality statistics might differ slightly from official mortality statistics due to the availability of additional demographic information.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 14. Average Annual Cancer Mortality Rates Among White and Black Females, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States	
	White			Black			White			Black			White			Black			White	Black
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate	Rate
	Annual	CI	Deaths	Annual	CI	Cases	Annual	CI	Cases	Annual	CI	Cases	Annual	CI	Cases	Annual	CI	Cases		
Rate	(+/-)		Rate	(+/-)		Rate	(+/-)		Rate	(+/-)		Rate	(+/-)		Rate	(+/-)				
All Invasive Malignant Tumors	762.2	139.7	4.6	128.4	166.4	13.0	14,585.2	146.4	1.1	2,503.4	142.9	2.5	10,477.6	154.3	1.4	697.0	165.2	5.6	150.8	174.6
Oral Cavity and Pharynx	5.2	0.9	0.4	1.6	2.0	1.4	111.8	1.1	0.1	20.2	1.1	0.2	78.8	1.1	0.1	5.6	1.3	0.5	1.4	1.4
Esophagus	8.8	1.6	0.5	2.2	2.8	1.6	178.6	1.8	0.1	36.4	2.1	0.3	125.6	1.8	0.1	9.4	2.2	0.7	1.6	2.2
Stomach	16.4	3.0	0.7	5.8	7.5	2.7	265.8	2.6	0.1	84.8	5.0	0.5	154.8	2.2	0.2	21.6	5.5	1.0	2.2	4.8
Colorectal	79.8	13.8	1.4	13.0	16.4	4.0	1,424.2	13.5	0.3	277.6	16.1	0.9	980.6	13.6	0.4	72.8	17.6	1.8	13.6	19.8
Colon excluding Rectum	66.6	11.4	1.3	11.4	14.3	3.7	1,212.2	11.5	0.3	243.2	14.1	0.8	828.4	11.5	0.4	62.6	15.1	1.7	--	--
Rectum & Rectosigmoid	13.2	2.4	0.6	1.6	2.0	1.4	212.0	2.0	0.1	34.4	2.0	0.3	152.2	2.2	0.2	10.2	2.5	0.7	--	--
Liver/Intrahepatic Bile Duct	14.6	2.6	0.6	2.6	3.7	2.0	299.6	3.0	0.2	54.6	3.1	0.4	186.6	2.7	0.2	13.8	3.3	0.8	3.1	4.0
Pancreas	54.0	9.6	1.2	7.4	9.5	3.1	1,003.2	9.8	0.3	168.0	9.8	0.7	699.2	10.0	0.3	50.0	12.1	1.5	9.3	12.6
Larynx	2.0	0.4	0.2	0.2	0.2	0.5	43.8	0.4	0.1	12.4	0.7	0.2	31.4	0.5	0.1	3.2	0.7	0.4	0.4	0.7
Lung and Bronchus	174.6	32.3	2.2	26.4	34.7	6.0	3,725.2	38.1	0.6	485.6	27.9	1.1	2,868.2	43.2	0.7	152.0	36.3	2.6	40.8	38.0
Melanoma of the Skin	10.4	2.0	0.5	0.0	0.0	0.0	161.6	1.7	0.1	5.4	0.3	0.1	119.6	1.9	0.2	1.6	0.4	0.3	2.0	0.4
Female Breast	121.0	22.9	1.9	22.2	28.0	5.3	2,146.4	22.0	0.4	482.0	26.9	1.1	1,465.8	22.0	0.5	133.2	30.0	2.3	22.4	31.6
Cervix Uteri	8.2	1.7	0.5	4.6	5.8	2.4	176.0	2.0	0.1	80.6	4.5	0.4	108.2	1.8	0.2	18.8	4.1	0.8	2.2	4.3
Corpus Uteri and NOS	28.8	5.4	0.9	7.6	10.0	3.2	446.0	4.5	0.2	146.0	8.3	0.6	303.2	4.5	0.2	36.4	8.8	1.3	3.9	7.3
Ovary*	46.2	8.9	1.2	5.8	7.9	2.9	842.2	8.7	0.3	108.0	6.1	0.5	608.6	9.2	0.3	25.8	6.2	1.1	8.6	6.8
Urinary Bladder (including in situ)	12.4	2.1	0.5	1.6	2.1	1.5	258.4	2.4	0.1	31.8	1.9	0.3	181.0	2.4	0.2	8.6	2.3	0.7	2.2	2.6
Kidney and Renal Pelvis	9.4	1.7	0.5	2.2	2.7	1.6	227.2	2.2	0.1	28.4	1.6	0.3	167.4	2.4	0.2	9.4	2.2	0.6	2.7	2.6
Brain and Other Nervous System**	15.0	3.0	0.7	1.0	1.3	1.2	293.6	3.2	0.2	25.8	1.4	0.2	209.4	3.4	0.2	7.2	1.7	0.6	3.8**	2.1**
Thyroid	2.0	0.3	0.2	0.4	0.5	0.6	50.8	0.5	0.1	9.8	0.6	0.2	30.2	0.4	0.1	1.8	0.5	0.3	0.5	0.6
Hodgkin Lymphoma	2.4	0.5	0.3	0.2	0.3	0.5	34.0	0.4	0.1	4.4	0.2	0.1	24.8	0.4	0.1	1.2	0.2	0.2	0.3	0.3
Non-Hodgkin Lymphomas	28.4	4.9	0.8	2.2	2.8	1.7	542.2	5.1	0.2	59.8	3.4	0.4	368.8	5.2	0.2	12.6	2.9	0.7	5.4	3.6
Multiple Myeloma	13.2	2.3	0.6	4.4	6.0	2.5	229.2	2.2	0.1	69.0	4.0	0.4	171.2	2.5	0.2	20.0	5.0	1.0	2.5	5.4
Leukemias	29.8	5.4	0.9	3.6	4.5	2.1	533.0	5.3	0.2	59.6	3.4	0.4	370.0	5.4	0.3	18.6	4.3	0.9	5.5	4.8

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

NYSCR mortality statistics might differ slightly from official mortality statistics due to the availability of additional demographic information.

*At the national level, ovary excludes borderline cases or histologies 8442, 8462, 8472, and 8473.

**Due to coding changes, Brain and Nervous System are no longer shown separately.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 15. Average Annual Cancer Mortality Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Average	95%		Rate
	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	Annual	Rate	CI	
Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)		Deaths	(+/-)			
All Invasive Malignant Tumors	773.2	185.7	5.9	47.0	138.2	20.2	16,105.8	203.7	1.4	1,280.4	158.2	4.2	11,156.8	214.1	1.8	243.6	134.3	8.5	146.3
Oral Cavity and Pharynx	10.8	2.5	0.7	1.2	3.4	3.2	278.2	3.3	0.2	34.6	3.8	0.6	177.8	3.2	0.2	5.8	2.9	1.1	2.4
Esophagus	28.0	6.5	1.1	1.2	4.4	3.9	628.2	7.7	0.3	46.4	5.6	0.8	470.6	8.7	0.4	7.8	4.7	1.6	4.1
Stomach	24.0	5.6	1.0	2.0	5.0	3.7	456.6	5.8	0.2	69.6	8.6	1.0	252.4	4.8	0.3	14.0	7.9	2.0	7.3
Colorectal	70.6	17.1	1.8	3.6	10.9	5.7	1,530.2	19.6	0.4	128.0	16.2	1.4	994.4	19.4	0.5	24.6	13.2	2.6	15.3
Colon excluding Rectum	58.2	14.2	1.6	2.6	8.2	5.1	1,261.6	16.2	0.4	106.8	13.8	1.3	804.2	15.7	0.5	18.8	10.6	2.4	--
Rectum & Rectosigmoid	12.4	3.0	0.7	1.0	2.8	2.6	268.6	3.4	0.2	21.2	2.4	0.5	190.2	3.6	0.2	5.8	2.6	1.1	--
Liver/Intrahepatic Bile Duct	31.2	7.2	1.1	4.4	9.8	4.6	659.0	7.9	0.3	124.4	13.5	1.1	374.6	6.9	0.3	20.8	10.3	2.2	11.8
Pancreas	56.8	13.3	1.6	2.6	9.9	5.9	1,037.2	12.9	0.4	72.6	9.0	1.0	699.6	13.1	0.4	15.4	9.1	2.2	9.2
Larynx	6.4	1.4	0.5	0.8	2.7	3.1	178.6	2.2	0.1	20.4	2.4	0.5	108.8	2.0	0.2	3.2	1.9	1.1	1.6
Lung and Bronchus	194.4	46.5	2.9	9.2	31.0	9.8	4,593.2	57.3	0.7	256.0	32.2	1.9	3,287.2	62.1	1.0	49.0	28.7	3.9	30.8
Melanoma of the Skin	14.4	3.5	0.8	0.8	1.3	1.4	281.8	3.5	0.2	5.8	0.5	0.2	220.2	4.2	0.2	1.8	0.6	0.5	1.0
Prostate	92.4	23.0	2.1	3.6	14.4	7.1	1,607.0	21.8	0.5	139.4	22.7	1.8	1,036.8	21.5	0.6	19.2	13.9	2.9	17.8
Testis	0.4	0.1	0.1	0.0	0.0	0.0	14.0	0.2	0.0	3.4	0.2	0.1	9.0	0.2	0.1	0.4	0.1	0.1	0.3
Urinary Bladder (including in situ)	31.0	7.6	1.2	1.0	3.5	3.3	609.6	8.1	0.3	28.4	4.4	0.8	443.6	8.9	0.4	5.4	3.7	1.5	3.8
Kidney and Renal Pelvis	18.0	4.2	0.9	1.8	4.8	3.7	422.8	5.3	0.2	27.2	3.2	0.6	309.4	5.8	0.3	5.8	2.9	1.2	5.0
Brain and Other Nervous System	23.4	5.5	1.0	1.6	3.7	2.9	399.8	4.9	0.2	34.8	3.3	0.5	292.4	5.4	0.3	8.0	3.2	1.2	3.3
Thyroid	2.0	0.5	0.3	0.2	0.2	0.3	43.0	0.5	0.1	3.4	0.5	0.2	27.2	0.5	0.1	0.8	0.6	0.7	0.5
Hodgkin Lymphoma	1.6	0.4	0.3	0.2	0.9	1.7	40.8	0.5	0.1	6.4	0.6	0.2	27.0	0.5	0.1	0.6	0.4	0.5	0.5
Non-Hodgkin Lymphomas	34.4	8.4	1.3	2.8	6.9	4.3	620.4	7.9	0.3	60.2	6.5	0.8	435.4	8.4	0.4	10.6	4.3	1.4	6.3
Multiple Myeloma	18.0	4.3	0.9	0.8	2.1	2.4	308.2	3.9	0.2	30.8	3.9	0.7	216.8	4.2	0.3	6.4	3.6	1.4	3.3
Leukemias	35.6	8.7	1.3	2.8	6.5	4.1	723.2	9.3	0.3	54.6	5.9	0.8	524.2	10.3	0.4	13.0	6.0	1.7	5.9

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

*Mortality data for Hispanics do not include cases from the District of Columbia, North Dakota, and South Carolina.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 16. Average Annual Cancer Mortality Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2005-2009

Site of Cancer	Westchester County						New York State						New York State excluding New York City						United States
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average Annual Deaths	Rate	95% CI (+/-)	Average Annual Deaths	Rate	95% CI (+/-)	Average Annual Deaths	Rate	95% CI (+/-)	Average Annual Deaths	Rate	95% CI (+/-)	Average Annual Deaths	Rate	95% CI (+/-)	Average Annual Deaths	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	862.0	144.5	4.4	51.2	104.9	13.6	16,457.2	148.4	1.0	1,240.6	102.2	2.6	11,089.8	155.9	1.3	249.0	102.7	6.0	100.5
Oral Cavity and Pharynx	6.0	1.0	0.4	1.0	2.2	2.0	128.6	1.2	0.1	12.2	1.0	0.3	83.4	1.2	0.1	3.0	1.2	0.6	0.7
Esophagus	10.8	1.8	0.5	0.2	0.6	1.1	209.2	1.9	0.1	12.6	1.1	0.3	134.6	1.9	0.1	1.4	0.6	0.5	0.8
Stomach	21.0	3.3	0.7	1.8	3.3	2.3	334.4	2.9	0.1	49.6	4.2	0.5	173.6	2.4	0.2	9.2	3.7	1.1	4.3
Colorectal	88.8	14.1	1.3	6.0	12.7	4.8	1,635.6	14.1	0.3	135.8	11.6	0.9	1,042.4	13.9	0.4	25.0	10.8	2.0	10.2
Colon excluding Rectum	74.6	11.7	1.2	4.8	10.6	4.5	1,398.6	12.0	0.3	115.8	9.9	0.8	881.0	11.7	0.4	21.4	9.3	1.8	--
Rectum & Rectosigmoid	14.2	2.3	0.6	1.2	2.0	1.7	237.0	2.1	0.1	20.0	1.7	0.3	161.4	2.2	0.2	3.6	1.5	0.7	--
Liver/Intrahepatic Bile Duct	16.6	2.7	0.6	1.6	3.2	2.3	330.2	3.0	0.1	60.0	5.0	0.6	199.0	2.8	0.2	11.4	4.9	1.3	5.3
Pancreas	60.8	9.9	1.1	2.8	6.7	3.7	1,128.4	9.9	0.3	82.4	7.1	0.7	743.6	10.2	0.3	16.4	7.4	1.7	7.5
Larynx	1.8	0.3	0.2	0.4	0.9	1.3	51.6	0.5	0.1	5.2	0.4	0.2	33.0	0.5	0.1	1.6	0.7	0.5	0.2
Lung and Bronchus	199.8	33.8	2.1	5.4	12.1	4.7	4,147.2	38.0	0.5	177.6	15.0	1.0	3,015.0	43.2	0.7	33.6	15.0	2.3	14.0
Melanoma of the Skin	10.0	1.7	0.5	0.4	1.2	1.7	163.2	1.5	0.1	5.6	0.5	0.2	119.4	1.7	0.1	2.0	0.8	0.5	0.6
Female Breast	137.4	24.0	1.8	9.4	17.6	5.3	2,505.6	23.0	0.4	207.6	16.3	1.0	1,585.0	22.7	0.5	40.6	15.7	2.3	14.9
Cervix Uteri	11.2	2.2	0.6	1.8	3.1	2.2	230.4	2.3	0.1	41.4	3.1	0.4	122.8	1.9	0.2	7.2	2.3	0.8	3.0
Corpus Uteri and NOS	34.6	5.9	0.9	2.2	4.1	2.6	565.8	5.2	0.2	46.4	3.7	0.5	335.8	4.7	0.2	8.6	3.4	1.1	3.3
Ovary	51.0	8.9	1.1	2.0	4.5	2.9	921.2	8.5	0.2	67.0	5.4	0.6	631.0	9.0	0.3	14.6	6.0	1.4	5.9
Urinary Bladder (including in situ)	13.8	2.1	0.5	0.4	1.1	1.5	278.4	2.3	0.1	17.6	1.6	0.3	189.2	2.5	0.2	2.2	1.1	0.6	1.2
Kidney and Renal Pelvis	11.2	1.8	0.5	0.4	0.5	0.7	247.2	2.2	0.1	15.2	1.2	0.3	175.8	2.4	0.2	3.4	1.3	0.7	2.3
Brain and Other Nervous System	15.2	2.8	0.7	1.6	2.1	1.5	304.2	3.0	0.2	26.2	1.9	0.3	214.4	3.3	0.2	5.6	1.7	0.7	2.4
Thyroid	2.4	0.4	0.2	0.2	0.5	1.0	58.6	0.5	0.1	6.2	0.5	0.2	32.8	0.4	0.1	0.6	0.2	0.3	0.6
Hodgkin Lymphoma	2.4	0.5	0.3	0.2	0.6	1.1	33.6	0.3	0.1	6.2	0.5	0.2	25.2	0.4	0.1	1.4	0.6	0.4	0.3
Non-Hodgkin Lymphomas	29.8	4.8	0.8	1.8	3.3	2.4	556.4	4.9	0.2	48.0	4.0	0.5	379.6	5.2	0.2	9.0	3.7	1.1	4.3
Multiple Myeloma	16.8	2.7	0.6	1.0	2.3	2.1	281.0	2.5	0.1	26.2	2.3	0.4	189.2	2.6	0.2	5.4	2.5	1.0	2.3
Leukemias	32.2	5.2	0.8	2.0	3.4	2.3	560.6	5.0	0.2	51.4	4.1	0.5	382.6	5.3	0.2	10.4	4.0	1.2	3.9

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

*Mortality data for Hispanics do not include cases from the District of Columbia, North Dakota, and South Carolina.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/> Data as of November 2011. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2005-2009 from 18 SEER geographic 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 and Georgia excluding ATL/RG).

Table 17. Trends in Average Annual Cancer Mortality Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2009

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
All Invasive Malignant Tumors																						
Rate	283.8	275.0	270.2	255.9	242.1	208.7	182.4	282.3	282.3	278.7	270.2	248.7	223.0	199.8	282.6	286.5	286.5	275.5	257.2	234.1	211.6	
95% CI (+/-)	9.5	8.1	7.8	7.4	7.0	6.2	5.6	2.1	1.9	1.8	1.8	1.6	1.5	1.3	2.8	2.5	2.4	2.3	2.1	1.9	1.8	
Oral Cavity and Pharynx																						
Rate	7.3	7.3	7.0	5.2	3.5	3.1	2.5	8.0	7.4	6.5	5.3	4.6	3.7	3.4	7.4	6.7	6.2	4.8	4.3	3.5	3.2	
95% CI (+/-)	1.4	1.3	1.2	1.0	0.8	0.7	0.7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.3	0.3	0.2	0.2	
Esophagus																						
Rate	7.5	7.8	7.6	6.6	6.6	6.3	6.3	7.8	7.8	7.9	7.7	7.8	7.6	7.5	7.1	7.0	7.3	7.5	8.1	8.5	8.6	
95% CI (+/-)	1.5	1.3	1.3	1.1	1.1	1.1	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	
Stomach																						
Rate	14.9	13.6	11.1	10.9	9.7	7.3	5.7	13.8	12.9	11.4	11.0	8.9	7.1	6.0	12.1	11.5	10.5	9.7	7.4	6.1	4.9	
95% CI (+/-)	2.2	1.8	1.6	1.5	1.4	1.2	1.0	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.6	0.5	0.5	0.4	0.4	0.3	0.3	
Colorectal																						
Rate	43.4	43.5	37.5	32.3	28.3	21.9	16.7	42.9	41.2	38.2	33.1	29.1	24.6	19.3	42.1	41.9	39.9	33.8	29.3	24.8	19.2	
95% CI (+/-)	3.8	3.3	2.9	2.6	2.4	2.0	1.7	0.9	0.7	0.7	0.6	0.6	0.5	0.4	1.1	1.0	0.9	0.8	0.7	0.6	0.5	
Colon excluding Rectum																						
Rate	33.2	36.6	32.0	27.9	24.2	18.7	13.7	33.7	34.2	32.4	28.4	24.8	20.7	16.0	32.7	34.3	33.3	28.7	24.5	20.4	15.6	
95% CI (+/-)	3.3	3.0	2.7	2.5	2.2	1.9	1.6	0.8	0.7	0.6	0.6	0.5	0.5	0.4	1.0	0.9	0.8	0.7	0.7	0.6	0.5	
Rectum & Rectosigmoid																						
Rate	10.2	6.9	5.5	4.4	4.1	3.2	3.0	9.1	7.0	5.7	4.7	4.3	3.9	3.3	9.5	7.6	6.6	5.1	4.9	4.3	3.6	
95% CI (+/-)	1.8	1.3	1.1	1.0	0.9	0.8	0.7	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.4	0.4	0.3	0.3	0.3	0.2	
Liver / Intrahepatic Bile Duct																						
Rate	3.3	3.5	4.9	5.4	6.3	6.8	7.5	4.6	5.1	5.7	6.7	6.9	7.4	8.4	3.3	3.8	4.2	5.1	5.6	6.0	7.0	
95% CI (+/-)	1.0	0.9	1.0	1.0	1.1	1.1	1.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Pancreas																						
Rate	16.5	15.1	13.9	13.7	14.8	12.8	12.9	15.1	14.4	13.4	13.1	13.1	12.4	12.5	15.4	14.3	13.9	13.4	13.6	13.0	13.0	
95% CI (+/-)	2.3	1.9	1.7	1.7	1.7	1.5	1.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.7	0.5	0.5	0.5	0.5	0.4	0.4	
Larynx																						
Rate	5.0	3.2	4.0	3.2	2.2	1.9	1.5	4.4	4.0	3.8	3.7	3.1	2.6	2.2	4.0	3.7	3.3	3.2	2.7	2.3	2.0	
95% CI (+/-)	1.2	0.8	0.9	0.8	0.7	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2	
Lung and Bronchus																						
Rate	75.1	76.1	75.3	71.1	63.0	53.8	45.2	80.4	82.3	82.1	79.9	71.1	62.9	55.1	83.8	87.3	88.0	84.7	76.3	68.6	61.0	
95% CI (+/-)	4.7	4.1	4.0	3.8	3.5	3.1	2.8	1.1	1.0	1.0	0.9	0.9	0.8	0.7	1.5	1.3	1.3	1.2	1.1	1.0	0.9	

(continued)

Table 17. Trends in Average Annual Cancer Mortality Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2009 (continued)

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
Melanoma of the Skin																						
Rate	2.4	3.5	4.3	4.0	4.7	3.1	3.4	3.1	3.2	3.6	3.3	3.2	3.1	3.2	3.4	3.3	4.0	3.9	3.9	3.8	4.0	
95% CI (+/-)	0.8	0.9	1.0	0.9	1.0	0.8	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	
Prostate																						
Rate	38.9	33.1	36.2	36.1	32.4	27.2	22.6	31.3	32.8	34.0	37.2	32.8	27.5	21.9	32.8	33.4	35.5	37.4	32.5	27.1	21.3	
95% CI (+/-)	3.9	3.0	3.0	2.9	2.7	2.3	2.0	0.8	0.7	0.7	0.7	0.6	0.5	0.5	1.1	0.9	0.9	0.9	0.8	0.7	0.6	
Testis																						
Rate	0.2 ¹	0.6 ¹	0.1 ¹	0.2 ¹	0.4 ¹	0.1 ¹	0.1 ¹	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0.6	0.5	0.4	0.3	0.3	0.3	0.2	
95% CI (+/-)	0.2	0.3	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
Urinary Bladder (incl. in situ)																						
Rate	12.0	10.8	9.7	8.3	8.7	7.9	7.3	11.7	10.8	9.7	9.0	8.8	8.0	7.8	12.5	11.9	10.6	9.6	9.5	8.9	8.8	
95% CI (+/-)	2.1	1.7	1.6	1.4	1.3	1.2	1.1	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.5	0.5	0.4	0.4	0.4	0.4	
Kidney and Renal Pelvis																						
Rate	4.4	5.6	5.5	5.1	4.7	5.2	4.3	5.9	5.5	5.8	5.6	5.4	5.1	5.1	5.9	5.9	6.4	6.2	5.9	5.6	5.7	
95% CI (+/-)	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.3	
Brain and Other Nervous System																						
Rate	5.9	5.6	5.6	5.9	5.7	4.7	5.3	5.0	5.2	5.1	5.1	4.9	4.5	4.7	5.0	5.3	5.3	5.6	5.5	5.1	5.3	
95% CI (+/-)	1.3	1.1	1.1	1.1	1.0	0.9	0.9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Thyroid																						
Rate	0.5 ¹	0.7 ¹	0.6 ¹	0.5 ¹	1 ¹	0.4 ¹	0.5 ¹	0.6	0.6	0.5	0.4	0.5	0.4	0.5	0.5	0.6	0.5	0.4	0.5	0.4	0.5	
95% CI (+/-)	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Hodgkin Lymphoma																						
Rate	2.5	1.5	1.5	1.1	0.8 ¹	0.5 ¹	0.4 ¹	1.6	1.4	1.3	1.0	0.7	0.6	0.5	1.6	1.4	1.3	0.9	0.7	0.6	0.5	
95% CI (+/-)	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
Non-Hodgkin Lymphomas																						
Rate	7.8	8.6	9.3	11.3	11.4	9.8	8.4	7.8	8.2	9.9	10.3	10.3	8.9	7.8	8.0	8.6	9.9	10.6	10.8	9.4	8.4	
95% CI (+/-)	1.5	1.4	1.4	1.6	1.5	1.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Multiple Myeloma																						
Rate	4.0	4.0	3.7	3.8	4.5	5.1	4.1	3.5	4.0	4.5	4.4	4.4	4.2	3.9	3.6	4.1	4.7	4.5	4.8	4.6	4.1	
95% CI (+/-)	1.1	1.0	0.9	0.9	0.9	1.0	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	
Leukemias																						
Rate	10.8	10.3	10.6	10.3	11.7	11.5	8.6	10.8	10.7	10.2	9.9	9.9	9.3	9.0	11.0	11.1	11.3	10.4	10.7	10.4	10.2	
95% CI (+/-)	1.9	1.6	1.5	1.5	1.5	1.5	1.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.5	0.5	0.4	0.4	0.4	0.4	

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

¹ Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry Data as of November 2011. Incidence data are provisional.

Table 18. Trends in Average Annual Cancer Mortality Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2009

Site of Cancer	Westchester County							New York State							New York City excluding New York State						
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009
All Invasive Malignant Tumors																					
Rate	184.2	183.1	184.9	175.0	167.3	155.6	141.7	182.3	181.8	181.9	180.9	172.9	158.8	143.9	182.2	183.9	188.1	185.6	177.8	168.3	154.2
95% CI(+/-)	6.0	5.2	5.1	4.9	4.7	4.5	4.2	1.4	1.2	1.2	1.2	1.1	1.0	1.0	1.8	1.6	1.6	1.5	1.4	1.4	1.3
Oral Cavity and Pharynx																					
Rate	2.7	3.0	2.4	2.2	1.4	1.3	1.1	2.6	2.4	2.3	1.9	1.6	1.4	1.1	2.6	2.5	2.5	2.0	1.7	1.4	1.2
95% CI(+/-)	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Esophagus																					
Rate	2.4	2.5	2.6	2.2	1.7	2.0	1.7	2.4	2.3	2.1	2.2	2.1	2.0	1.8	1.9	2.0	1.9	2.1	2.0	2.0	1.8
95% CI(+/-)	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Stomach																					
Rate	8.0	6.3	5.7	4.9	5.0	3.7	3.4	7.2	6.2	5.5	5.0	4.6	3.8	3.1	6.3	5.4	4.9	3.9	3.5	3.0	2.4
95% CI(+/-)	1.2	0.9	0.9	0.8	0.8	0.7	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Colorectal																					
Rate	30.2	29.2	24.0	22.2	17.1	16.6	14.1	30.1	27.8	25.2	22.3	20.1	17.2	13.9	30.9	28.9	26.6	23.0	20.1	17.4	13.8
95% CI(+/-)	2.4	2.0	1.8	1.7	1.5	1.4	1.3	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.7	0.6	0.6	0.5	0.5	0.4	0.4
Colon excluding Rectum																					
Rate	25.5	24.2	20.8	19.5	15.3	14.6	11.7	25.1	23.8	21.9	19.4	17.5	14.8	11.8	25.7	24.5	23.0	19.9	17.3	14.8	11.6
95% CI(+/-)	2.2	1.9	1.7	1.6	1.4	1.3	1.2	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.7	0.6	0.5	0.5	0.4	0.4	0.3
Rectum & Rectosigmoid																					
Rate	4.7	5.0	3.2	2.7	1.8	2.1	2.3	4.9	4.1	3.3	2.8	2.6	2.3	2.0	5.1	4.4	3.7	3.1	2.8	2.6	2.2
95% CI(+/-)	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Liver / Intrahepatic Bile Duct																					
Rate	1.7	1.4	2.1	2.5	2.7	2.8	2.8	2.5	2.4	2.6	3.0	2.9	3.0	3.2	1.7	1.7	1.8	2.3	2.5	2.5	2.8
95% CI(+/-)	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Pancreas																					
Rate	10.7	10.9	10.8	10.6	10.1	10.2	9.6	10.3	10.0	9.7	10.0	9.9	9.9	9.6	10.0	9.9	10.0	10.1	10.2	10.2	10.1
95% CI(+/-)	1.4	1.2	1.2	1.2	1.1	1.1	1.1	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Larynx																					
Rate	0.3 ¹	0.9	0.7	0.3 ¹	0.6 ¹	0.4 ¹	0.3 ¹	0.7	0.7	0.8	0.7	0.7	0.5	0.5	0.7	0.7	0.7	0.7	0.6	0.5	0.5
95% CI(+/-)	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lung and Bronchus																					
Rate	24.1	29.6	33.6	35.4	37.1	34.4	32.1	22.3	27.5	33.2	37.9	38.5	37.8	35.6	23.3	29.0	36.3	41.7	43.0	43.8	42.2
95% CI(+/-)	2.1	2.1	2.2	2.2	2.2	2.1	2.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7
Melanoma of the Skin																					
Rate	2.0	2.0	2.0	1.8	1.8	1.5	1.6	1.7	1.8	1.8	1.6	1.6	1.6	1.4	1.9	1.9	2.0	1.9	1.8	1.9	1.7
95% CI(+/-)	0.7	0.6	0.6	0.5	0.5	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1

(continued)

Table 18. Trends in Average Annual Cancer Mortality Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2009 (continued)

Site of Cancer	Westchester County							New York State							New York City excluding New York State							
	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	1976-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	
Female Breast																						
Rate	39.5	39.0	41.2	34.0	30.5	26.2	23.4	38.3	37.4	7.6	35.1	31.2	26.2	22.3	38.8	37.9	39.1	35.5	30.8	26.3	22.4	
95% CI(+/-)	2.8	2.4	2.5	2.2	2.0	1.8	1.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.8	0.7	0.7	0.7	0.6	0.5	0.5	
Cervix Uteri																						
Rate	4.0	3.1	2.9	2.8	2.5	1.8	2.3	5.0	4.2	3.5	3.3	3.2	2.7	2.4	4.6	3.9	3.4	3.0	2.6	2.2	2.0	
95% CI(+/-)	0.9	0.7	0.7	0.7	0.6	0.5	0.6	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	
Corpus Uterus and NOS																						
Rate	5.0	4.7	4.8	4.5	4.9	5.0	5.8	5.5	5.2	4.6	4.8	4.9	4.8	5.0	5.3	5.2	4.8	4.5	4.4	4.5	4.7	
95% CI(+/-)	1.0	0.8	0.8	0.8	0.8	0.8	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	
Ovary																						
Rate	10.5	9.8	10.4	10.7	10.8	9.3	8.5	10.6	10.2	9.9	10.2	9.3	8.9	8.1	11.2	10.9	10.5	10.6	9.8	9.6	8.9	
95% CI(+/-)	1.4	1.2	1.2	1.2	1.2	1.1	1.0	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.4	0.4	0.4	0.4	0.3	0.3	0.3	
Urinary Bladder (incl. in situ)																						
Rate	3.9	2.5	3.0	2.7	2.2	2.8	2.0	3.4	3.0	2.8	2.8	2.7	2.4	2.2	3.5	3.0	2.9	3.0	2.8	2.6	2.4	
95% CI(+/-)	0.9	0.6	0.6	0.6	0.5	0.6	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	
Kidney and Renal Pelvis																						
Rate	2.2	2.7	3.0	2.0	2.6	2.3	1.7	2.5	2.5	2.8	2.5	2.5	2.4	2.1	2.7	2.8	3.1	2.8	2.8	2.7	2.4	
95% CI(+/-)	0.6	0.6	0.7	0.5	0.6	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Brain and Other Nervous System																						
Rate	3.1	2.8	4.0	3.4	3.5	3.6	2.8	3.4	3.4	3.4	3.2	3.3	3.0	2.8	3.4	3.5	3.7	3.6	3.6	3.5	3.2	
95% CI(+/-)	0.8	0.6	0.8	0.7	0.7	0.7	0.6	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Thyroid																						
Rate	1.1	0.5 ¹	0.7	0.5 ¹	0.7	0.5 ¹	0.4 ¹	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.6	0.5	0.5	0.6	0.5	0.4	
95% CI(+/-)	0.5	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Hodgkin Lymphoma																						
Rate	0.8	0.6 ¹	0.8	0.5 ¹	0.5 ¹	0.7 ¹	0.5 ¹	1.0	0.8	0.7	0.6	0.5	0.4	0.4	1.0	0.8	0.7	0.7	0.5	0.4	0.4	
95% CI(+/-)	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Non-Hodgkin Lymphomas																						
Rate	5.4	5.2	5.5	6.1	7.4	6.2	4.7	5.2	5.6	6.1	6.7	6.0	5.7	4.8	5.5	5.7	6.4	7.0	7.4	6.1	5.1	
95% CI(+/-)	1.0	0.9	0.9	0.9	1.0	0.9	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	
Multiple Myeloma																						
Rate	2.7	3.3	2.7	3.9	2.8	2.3	2.7	2.5	2.9	2.8	3.2	3.1	2.8	2.5	2.4	2.9	2.9	3.2	3.1	2.7	2.6	
95% CI(+/-)	0.7	0.7	0.6	0.7	0.6	0.5	0.6	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Leukemias																						
Rate	6.3	7.1	5.9	5.9	6.0	5.0	5.2	6.5	6.5	5.8	5.8	5.7	5.4	5.0	6.7	6.9	6.0	6.1	6.1	5.8	5.3	
95% CI(+/-)	1.1	1.1	0.9	0.9	0.9	0.8	0.8	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.3	0.2	

Rates are per 100,000 persons, age-adjusted to the 2000 US standard population, with 95% confidence intervals.

¹ Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

Source for Westchester County and New York State data: New York State Department of Health, New York State Cancer Registry Data as of November 2011. Incidence data are provisional.

Appendices

A1. Data Sources

Data for this report was extracted mainly from the New York State Department of Health Cancer Registry, which processes and reports information on every resident diagnosed with cancer in New York. The New York State Cancer Registry is one of the oldest cancer registries in the country and has been collecting information on patients with cancer for more than 50 years.

As required by Public Health Law 2401, the Cancer Registry receives reports from the hospitals where a person is diagnosed with a new tumor and/or treated for a tumor. Data on the anatomic site of the tumor, the stage at diagnosis, the cell type of the cancer and some treatment information are reported, along with information on the patient's demographic and socioeconomic characteristics, such as age, sex, race, ethnicity, residence, place of birth. Patients diagnosed with multiple types of cancer are reported for each separate tumor. Information on the date and cause of death of persons diagnosed with cancer are also collected, generally from the death certificates.

The Cancer Registry includes reports of all malignant cancers, except certain skin cancers, such as the basal cell and squamous cell cancers of the skin because they are rarely fatal and usually do not require hospitalization. The Cancer Registry also collects data on brain and nervous system tumors classified as benign or with uncertain behavior.

Classification and diagnosis codes for cancers have changed over the years. In 2001, the behavior classification of some neoplasia changed with the introduction of the 3rd Edition of the International Classification of Diseases for Oncology (ICD-O-3). Thus, some cancers coded as malignant prior to 2001 (based on ICD-O-2) might be classified as borderline malignancy according to the ICD-O-3 and were not included in these statistics. Conversely, some conditions with borderline malignant behavior based on ICD-O-2 might be coded as malignant according to ICD-O-3 and reported. As a result, there are limitations to comparisons of cancer incidence over time due to these modifications.

The incidence and mortality rates reported by the New York State Department of Health Cancer Registry are age-adjusted to the 2000 U.S. census standard population, with 95% confidence intervals. Five years of data are combined because the number of cases and rates for single years can vary considerably.

More information can be found at <http://www.health.state.ny.us/statistics/cancer/registry/>.

A2. Certified Mammography Facilities in Westchester County

Facility	Address	City	Zip Code	Phone Number
Northeast Radiology	3839 Danbury Rd	Brewster, NY	10509	(845) 278-6200
Northeast Radiology	666 Lexington Ave	Mt. Kisco, NY	10549	(914) 666-6692
Mount Kisco Medical Group	185 Route 312	Executive Park Brewster, NY	10509	(888) 656-4723
Mount Kisco Medical Group	90 S Bedford Rd	Mt. Kisco, NY	10549	(888) 666-4723
Putnam Hospital Center	670 Stoneleigh Ave	Carmel, NY	10512	(845) 279-5711 x2428
Hudson Valley Hospital Center	1978 Crompond Rd	Cortlandt-Manor, NY	10567	(914) 734-3674
Croton Diagnostic and Rehabilitation Center	35 S. Riverside Ave. s	Croton-on-Hudson, NY	10520	(914) 271-9481
St. John's Riverside Hospital-Dobbs Ferry Pavilion	128 Ashford Ave	Dobbs Ferry, NY	10522	(914) 559-1033
Hartsdale Imaging	141 S Central Park Avenue	Hartsdale, NY	10530	(914) 761-4030
Westchester Medical Center Advance Imaging	19 Bradhurst Ave Ste 3700 S	Hawthorne, NY	10532	(914) 493-2500 x310
MT. Kisco Medical Group	111 Bedford Rd.	Katonah, NY	10536	(888) 656-4723
Northern Westchester Hospital	400 E Main St	Mount Kisco, NY	10549	(914) 666-1445
Northern Westchester Hospital at Yorktown Imaging	1940 Commerce St, Ste 101	Yorktown Heights, NY	10598	(914) 245-5200
Mount Vernon Hospital	12 N 7th Ave	Mount Vernon, NY	10550	(914) 361-6052
Hudson Valley Diagnostic Imaging	310 N Highland Ave, Ste 3	Ossining, NY	10562	(914) 923-0201
Waterside Diagnostic Imaging	Waterside Professional Park Suite 202	Putnam Valley, NY	10579	(914) 528-6820
The Westchester Medical Group	1 Theall Rd	Rye, NY	10580	(914) 681-5241
Rye Radiology Associates, LLP	30 Rye Ridge Plaza	Rye Brook, NY	10573	(914) 253-9200
Phelps Memorial Breast Center	701 North Broadway	Radiology Department Sleepy Hollow, NY	10591	(914) 366-3440
Westchester Imaging, LLC.	12 Greenridge Ave., Rm. 303	White Plains, NY	10605	(914) 949-0234
Westmed Medical Group	210 Westchester Ave	Radiology Department White Plains, NY	10604	(914) 682-6430
Westmed Medical Group	73 Market St	Yonkers, NY	10710	(914) 682-6430
White Plains Hospital Center	Davis Ave & E Post Rd	Radiology Department White Plains, NY	10601	(914) 681-2929
White Plains Hospital Women's Imaging Ctr. at Rye Brook	90 South Ridge St.	Rye Brook, NY	10573	(914) 935-0011
Lawrence Hospital Center	55 Palmer Ave	Bronxville, NY	10708	(914) 787-5008
Hudson Valley Radiology Associates of Westchester	115 Main St.	Tuckahoe, NY	10707	(914) 793-1234
Hudson Valley Radiology Associates of Intercounty	955 Yonkers Ave	Yonkers, NY	10704	(914) 776-7700
St. John's Riverside Hospital	967 North Broadway	Yonkers, NY	10701	(914) 964-4329
St. Joseph's Medical Center	127 South Broadway	Department of Radiology Yonkers, NY	10701	(914) 378-7683
Montefiore Medical Center	1010 Central Ave.	Yonkers, NY	10704	(914) 964-4118
Sound Shore Medical Center of Westchester	16 Guion Place	New Rochelle, NY	10801	(914) 365-4619
New Rochelle Radiology Associates, P.C.	150 Lockwood Avenue	New Rochelle, NY	10801	(914) 633-7700 x1

A3. Westchester County Municipalities

Health Planning Region and Municipality ¹	Code ²
Northwest	
Cortlandt Town	T
Buchanan Village	V
Croton-on-Hudson Village	V
Cortlandt Unincorporated	TOV
Mount Pleasant Town	T
Briarcliff Manor Village (Mount Pleasant Part) ²	V
Pleasantville Village	V
Sleepy Hollow Village	V
Mount Pleasant Unincorporated	TOV
Ossining Town	T
Briarcliff Manor Village (Ossining Part) ²	V
Ossining Village	V
Ossining Unincorporated	TOV
Peekskill	C
Northeast	
Bedford Town	T
Lewisboro Town	T
Mount Kisco Town/Village	T/V
New Castle Town	T
North Castle Town	T
North Salem Town	T
Pound Ridge Town	T
Somers Town	T
Yorktown Town	T
West Central	
Greenburgh Town	T
Ardsley Village	V
Dobbs Ferry Village	V
Elmsford Village	V
Hastings-on-Hudson Village	V
Irvington Village	V
Tarrytown Village	V
Greenburgh Unincorporated	TOV
Scarsdale Town/Village	T/V
White Plains	C

Health Planning Region and Municipality ¹	Code ²
East Central	
Harrison Town/Village	T/V
Mamaroneck Town	T
Larchmont Village	V
Mamaroneck Village (Mamaroneck Part) ³	V
Mamaroneck Unincorporated	TOV
Rye City	C
Rye Town	T
Mamaroneck Village (Rye Part) ³	V
Port Chester Village	V
Rye Brook Village	V
Southwest	
Yonkers	C
Southeast	
Eastchester Town	T
Bronxville Village	V
Tuckahoe Village	V
Eastchester Unincorporated	TOV
Mount Vernon	C
New Rochelle	C
Pelham Town	T
Pelham Village	V
Pelham Manor Village	V

¹ For regional planning purposes, municipalities are grouped into six geographic health planning regions.

² A town may or may not include incorporated villages located within the town boundary. When it does not include any incorporated villages within the town boundary, the statistics refer to the town as a whole (T). When it does include incorporated villages within its boundary, the statistics refer to the unincorporated area within the town boundary (TOV). The entities of Harrison, Mount Kisco, and Scarsdale are both towns and villages (V/T). The land in two towns, Pelham and Rye, has all been incorporated into separated villages. Therefore, no data are reported for these two towns.

³ The Village of Briarcliff Manor and the Village of Mamaroneck are split between two towns. Briarcliff Manor is within the Town of Ossining (92% of its surface area and 91% of its population) and the Town of Mount Pleasant (8% of its surface area and 9% of its population). The Village of Mamaroneck is within the Town of Mamaroneck (63% of its surface area and 60% of its population) and the Town of Rye (37% of its surface area and 40% of its population).

A4. Healthy Planning Regions and Municipality

