

Westchester County 2019 Community Health Assessment



Supplemental Data Report IV: Cancer

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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. The WCDH's ongoing mission involves monitoring and controlling the spread of diseases, regulating air and water quality, enforcing state and local sanitary codes, promoting and endorsing local public health activities, and ensuring 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) Survey*, 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), 2019-2021*, 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 (2013-2017 ACS)
- Westchester County Community Health Assessment Supplemental Data Report 2. Vital Statistics (2011-2017)
- Westchester County Community Health Assessment Supplemental Data Report 3. Communicable Diseases (2013-2018)
- Westchester County Community Health Assessment Supplemental Data Report 4. Cancer (2012-2016)
- Westchester County Community Health Assessment Supplemental Data Report 5. Emergency Room Visits (2012-2016)
- Westchester County Community Health Assessment Supplemental Data Report 6. Hospitalizations (2012-2016)

This report presents information on cancer incidence as well as the prevalence and mortality rates for various cancers among Westchester County residents. Data are provided by sex, race/ethnicity and residential regions, within the County. This document includes comparisons, by sex and race/ethnicity within Westchester County Health Planning Regions (HPRs) and between Westchester County and New York State. Information for this report was sourced from the New York State Department of Health Cancer Registry and the National Cancer Institute.

TABLE OF CONTENTS

Highlights	1
Cancer Incidence by Sex	3
Cancer Incidence by Race, Ethnicity and Sex	6
Cancer Incidence by Region of Westchester County	10
Cancer Incidence in Westchester County Compared with New York State	17
Trends in Average Annual Cancer Incidence Rates	22
Estimated Cancer Prevalence	28
Cancer Screening	29
Cancer Mortality by Sex	30
Cancer Mortality by Race, Ethnicity and Sex	32
Cancer Mortality in Westchester County Compared with New York State	36
Trends in Average Annual Cancer Mortality Rates	40
Early Stage Cancer Diagnoses	45
Incidence of Childhood Cancers	48
Tables	50
Appendices	104

List of Figures in Text

1	Top Ten Average Annual Cancer Diagnoses by Sex, Westchester County, 2012-2016.	1
2	Average Annual Cancer Incidence Rates by Sex, Westchester County, 2012-2016.	4
3	Average Annual Cancer Incidence Rates among Males by Race and Ethnicity, Westchester County, 2012-2016.	6
4	Average Annual Cancer Incidence Rates among Females by Race and Ethnicity, Westchester County, 2012-2016.	8
5	Average Annual Total Malignant Tumor Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.	10
6	Average Annual Lung and Bronchus Cancer Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.	11
7	Average Annual Prostate Cancer Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.	12
8	Average Annual Colorectal Cancer Incidence Rates by Health Planning Region, Westchester County, 2012-2016.	13
9	Average Annual Total Malignant Tumor Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.	14
10	Average Annual Lung and Bronchus Cancer Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.	15
11	Average Annual Breast Cancer Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.	16
12	Average Annual Cancer Incidence Rates among Males by Race, Westchester County and New York State, 2012-2016.	18
13	Average Annual Cancer Incidence Rates among Females by Race, Westchester County and New York State, 2012-2016.	21
14	Average Annual Total Invasive Malignant Tumor Incidence Rates by Sex, Westchester County and New York State, 1976-2016.	22
15	Average Annual Lung and Bronchus Cancer Incidence Rates by Sex, Westchester County and New York State, 1976-2016.	23
16	Average Annual Colorectal Cancer Incidence Rates by Sex, Westchester County and New York State, 1976-2016.	24

17	Average Annual Melanoma of the Skin Incidence Rates by Sex, Westchester County, 1976-2016.	25
18	Average Annual Prostate Cancer Incidence Rates, Westchester County and New York State, 1976-2016.	26
19	Average Annual Female Breast Cancer Incidence Rates, Westchester County and New York State, 1976-2016.	27
20	Estimated Number of Persons Alive Diagnosed with Cancer by Site, Westchester County, January 1, 2016.	28
21	Top Ten Average Annual Deaths Due to Cancer by Sex, Westchester County, 2012-2016.	30
22	Average Annual Cancer Mortality Rates by Sex, Westchester County, 2012-2016.	31
23	Average Annual Cancer Mortality Rates among Males by Race and Ethnicity, Westchester County, 2012-2016.	33
24	Average Annual Cancer Mortality Rates among Females by Race and Ethnicity, Westchester County, 2012-2016.	35
25	Average Annual Cancer Mortality Rates among Males by Race, Westchester County and New York State, 2012-2016.	37
26	Average Annual Cancer Mortality Rates among Females by Race, Westchester County and New York State, 2012-2016.	39
27	Average Annual Total Invasive Malignant Tumor Mortality Rates by Sex, Westchester County and New York State, 1976-2016.	40
28	Average Annual Lung and Bronchus Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016.	41
29	Average Annual Colorectal Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016.	42
30	Average Annual Prostate Cancer Mortality Rates and Female Breast Cancer Mortality Rates, Westchester County, 1976-2016.	43
31	Average Annual Liver and Intrahepatic Bile Ducts Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016	44

List of Tables in Text

A	Percent of Cancers Diagnosed at an Early Stage among Males by Select County and New York State, 2012-2016.	46
B	Percent of Cancers Diagnosed at an Early Stage among Females by Select County and New York State, 2012-2016.	47
C	Average Annual Childhood Cancer Incidence by Select County and New York State, 2012-2016.	48

Tables

1	Average Annual Cancer Incidence Rates by Sex, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	51
2	Average Annual Cancer Incidence Rates among White and Black Males, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	53
3	Average Annual Cancer Incidence Rates among White and Black Females, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	55
4	Average Annual Cancer Incidence Rates among Hispanic and Non-Hispanic Males, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	57
5	Average Annual Cancer Incidence Rates among Hispanic and Non-Hispanic Females, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	59
6	Average Annual Cancer Incidence Rates among Males by Region of County, Westchester County, 2011-2015 and 2012-2016.	61
7	Average Annual Cancer Incidence Rates among Females by Region of County, Westchester County, 2011-2015 and 2012-2016.	63
8	Trends in Average Annual Cancer Incidence Rates among Males, Westchester County, New York State, and New York State excluding New York City, 1976-2016.	65
9	Trends in Average Annual Cancer Incidence Rates among Females, Westchester County, New York State, and New York State excluding New York City, 1976-2016.	69
10	Childhood Cancer Incidence by Select County and New York State, 1976-2016.	73
11	Estimated Cancer Prevalence for Selected Cancer Sites by Select County and Gender, 2015 & 2016.	75
12	Average Annual Cancer Mortality Rates by Sex, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	79

13	Average Annual Cancer Mortality Rates among White and Black Males, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	81
14	Average Annual Cancer Mortality Rates among White and Black Females, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	83
15	Average Annual Cancer Mortality Rates among Hispanic and Non-Hispanic Males, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	85
16	Average Annual Cancer Mortality Rates among Hispanic and Non-Hispanic Females, Westchester County, New York State, and the United States, 2011-2015 and 2012-2016.	87
17	Trends in Average Annual Cancer Mortality Rates among Males, Westchester County, New York State, and New York State excluding New York City, 1976-2016.	89
18	Trends in Average Annual Cancer Mortality Rates among Females. Westchester County, New York State, and New York State excluding New York City, 1976-2016.	93
19	Cancer Incidence by Census Tract and Specific Cancer Types, Westchester County, 2010-2014	97

Appendices

A1. Data Sources	105
A2. Westchester County Municipalities	106
A3. Health Planning Regions and Municipality Map	108

HIGHLIGHTS

An average of 5,687 Westchester County residents were diagnosed with cancer each year between 2012 and 2016. Among them 2,766 were men and 2,921 were women.

The average annual incidence rate for all malignant cancers was 522.6 per 100,000 for males and 451.7 per 100,000 for females, during 2012 and 2016.

The most commonly diagnosed cancer for men was prostate cancer, at 132.1 per 100,000.

The most commonly diagnosed cancer for women was breast cancer, at 141.4 per 100,000.

Overall, black men had higher cancer incidence rates than white men.

In general, Hispanic men had lower cancer incidence rates than non-Hispanic men, except for four types: stomach, rectum and rectosigmoid, larynx and cancer of the liver and intrahepatic bile duct.

Overall, white women had higher cancer incidence rates than black women.

Hispanic women had lower cancer incidence rates than non-Hispanic women, except for six types: cervical, pancreas, kidney and renal pelvis, multiple myeloma, stomach and cancer of the liver and intrahepatic bile duct.

An average of 1,506 people died of cancer in Westchester County each year during 2012-2016. Among them 715 were men and 791 were women.

The average cancer mortality rate was 137.4 per 100,000 among males and 109.7 per 100,000 among females.

Black men had a higher cancer mortality rate than white men.

Hispanic men had a lower cancer mortality rate than non-Hispanic men.

The cancer mortality rate among Hispanic women was lower than non-Hispanic women.

Lung and bronchus cancer had the highest mortality rate for both men and women among all race/ethnicities, except for Hispanic women. Breast cancer had the highest mortality rate among Hispanic women.

Cancer is one of the most common chronic diseases in New York State and Westchester County. It is the second leading cause of death.¹ Each year, over 111 thousand New Yorkers are diagnosed with cancer.² Among them, over 5,600 are Westchester County residents.

¹ Vital Statistics Data as at May 2018. Retrieved July 2019 from https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#county

² New York State Cancer Registry and Cancer Statistics. Retrieved July 2019 from <https://www.health.ny.gov/statistics/cancer/registry/>

Cancer Incidence by Sex

- There were 5,687 diagnosed cases of cancer reported in Westchester County over the period 2012-2016 (Figure 1³). Of this number 2,766 are men and 2,921 are women.

Figure 1. Top Ten Average Annual Cancer Diagnoses by Sex, Westchester County, 2012-2016.

All Malignant Cancers: 2,766

Prostate Cancer: 735
 Lung and Bronchus: 269
 Colon and Rectum: 219
 Urinary Bladder: 203
 Colon excluding Rectum: 150
 Non-Hodgkin Lymphomas: 146
 Melanoma of the Skin: 141
 Leukemia: 130
 Kidney and Renal: 120
 Pancreas: 81



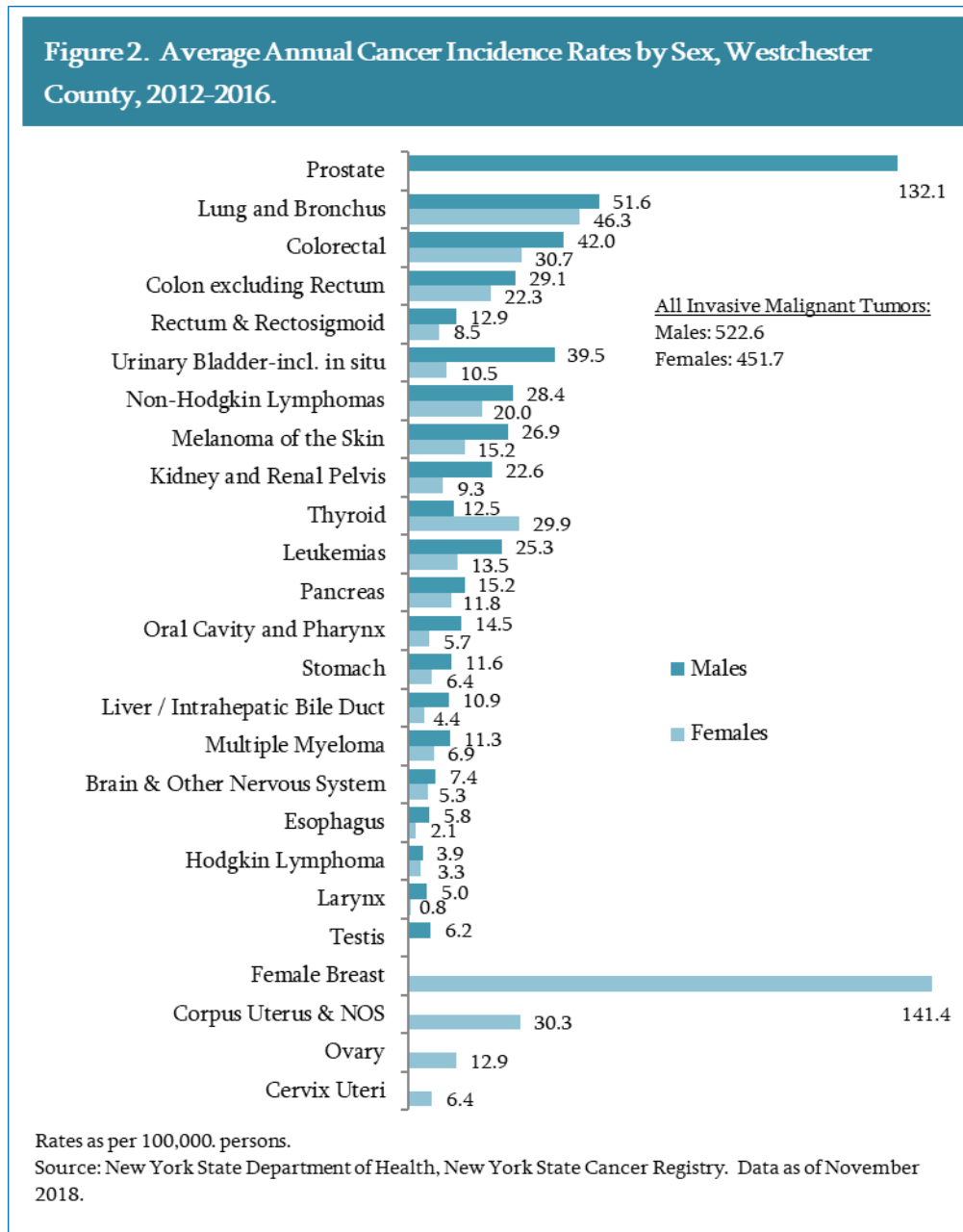
All Malignant Cancers: 2,921

Breast Cancer: 886
 Lung and Bronchus: 322
 Colon and Rectum: 211
 Corpus Uterus: 202
 Thyroid: 159
 Colon excluding Rectum: 156
 Non-Hodgkin Lymphomas: 132
 Melanoma of the Skin: 98
 Leukemia: 89
 Pancreas: 83

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

³ Number of cases have been rounded to the nearest unit.

- Between 2012 and 2016, the average annual incidence rate of all invasive malignant cancers in Westchester County was 522.6 per 100,000 male and 451.7 per 100,000 among females (Figure 2).



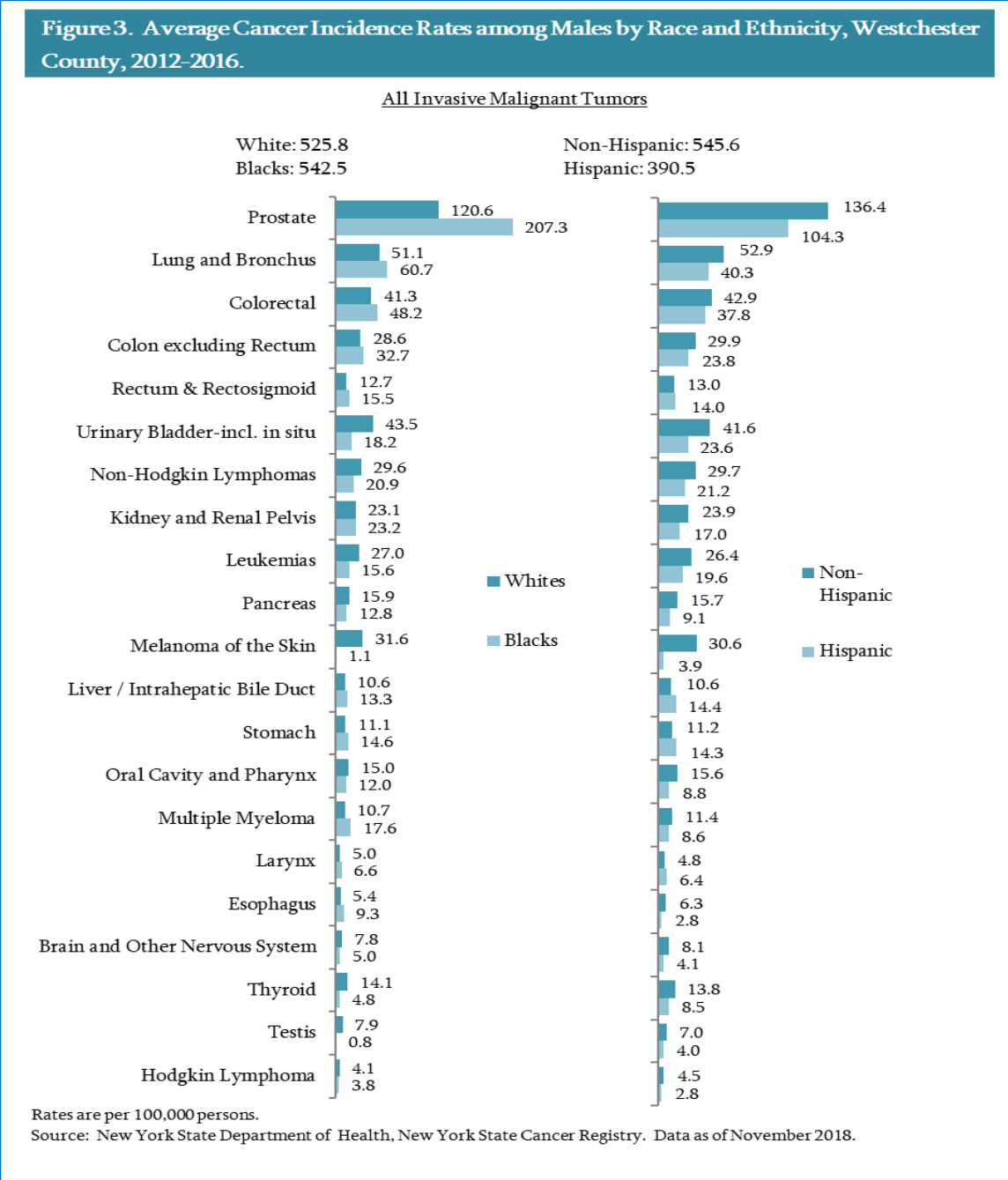
- The most commonly diagnosed cancer, for men, was prostate cancer, with an average annual incidence rate of 132.1 per 100,000 males, followed by lung and bronchus cancer (51.6 per 100,000 men), colorectal cancer (42.0 per 100,000), cancer of the urinary bladder including in situ (39.5 per 100,000), and non-Hodgkin lymphomas (28.4 per 100,000).

- Among women, breast cancer was the most commonly diagnosed cancer, with an average annual incidence rate of 141.4 per 100,000 females, followed by lung and bronchus cancer (46.3 per 100,000), colorectal cancer (30.7 per 100,000), cancer of the corpus uterus and not otherwise specified (30.3 per 100,000), and thyroid cancer (29.9 per 100,000).
- Women had lower cancer incidence rates than men in nearly all categories, except thyroid cancer.

Cancer Incidence by Race, Ethnicity and Sex

Males

- During 2012 to 2016, the average annual cancer incidence rate for all invasive malignant tumors was 525.8 per 100,000 among white males and 542.5 per 100,000 among black males (Figure 3).

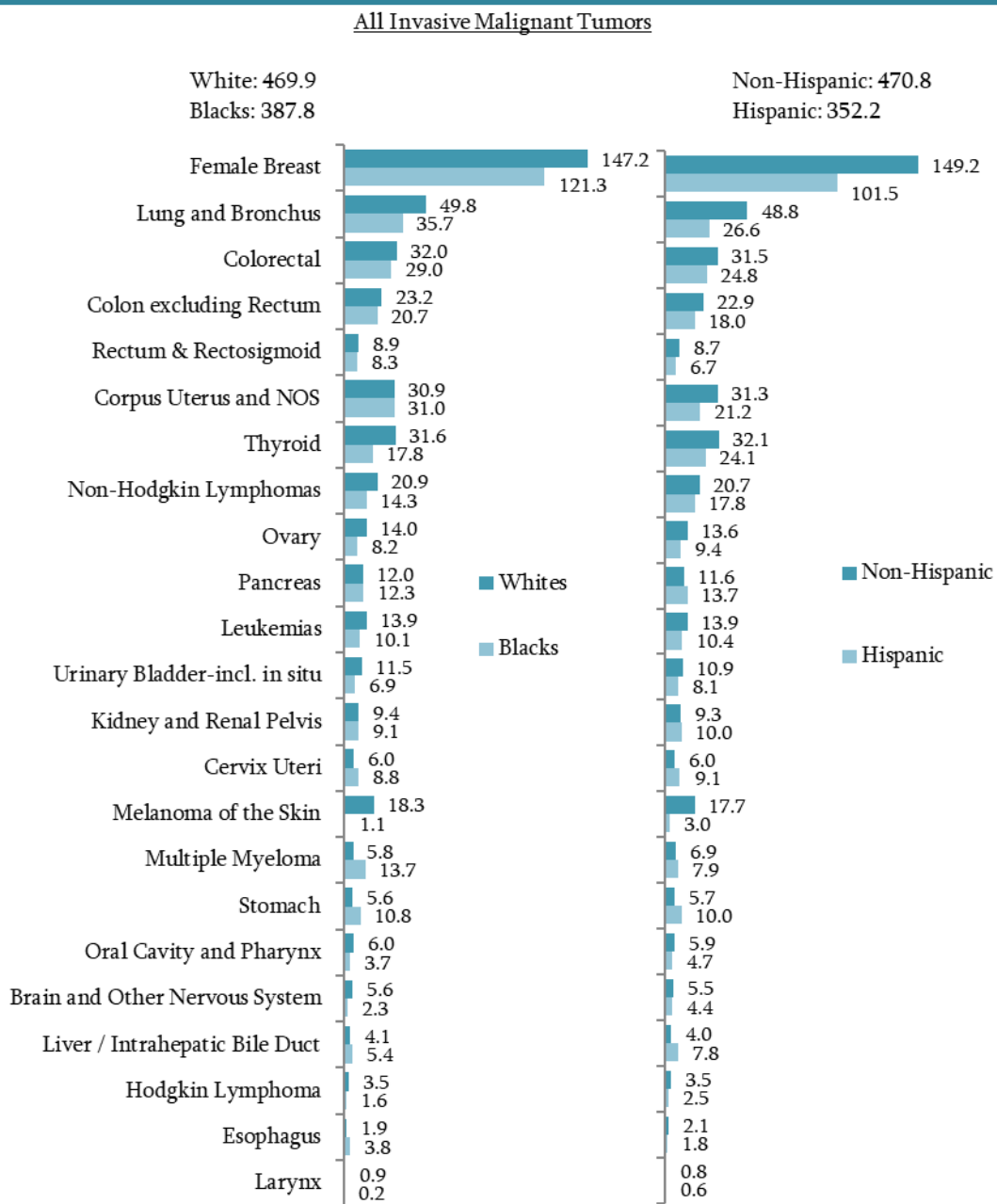


- Among white men, the cancers with the highest average annual incidence rates were: prostate, lung and bronchus, cancer of the urinary bladder including in situ, colorectal and melanoma of the skin.
- Among black men, the cancers with the highest incidence rates were: prostate, lung and bronchus, colorectal, colon excluding rectum, and cancer of the kidney and renal pelvis.
- Black men had a significantly higher incidence rate than their white counterparts for prostate cancer in Westchester County.
- White males had significantly higher incidence rates than black males for: melanoma of the skin, cancer of the testis, urinary bladder including in situ, thyroid and non-Hodgkin lymphomas.
- Among Hispanic men, the most frequently diagnosed cancer was prostate cancer, with an average annual incidence rate of 104.3 per 100,000 males.
- Compared with non-Hispanic men in the county, Hispanic men had a significantly lower incidence rate for all invasive malignant cancers combined.
- Hispanic men also had significantly lower incidence rates for: cancer of the oral cavity and pharynx, esophagus, pancreas, urinary bladder including in situ, melanoma of the skin, testicular cancer, and thyroid cancer, compared to non-Hispanic men.

Females

- During 2012 to 2016, the average annual incidence rate was 469.9 per 100,000 females among white women and 387.8 per 100,000 females among black women. The overall rate of cancer incidence was significantly higher among white women than among black women in Westchester County.
- Among white women, the cancer with the highest incidence was breast cancer, with 147.2 cases diagnosed per 100,000, followed by cancers of the lung and bronchus, colorectal, thyroid and corpus uterus not otherwise specified (Figure 4).

Figure 4. Average Annual Cancer Incidence Rates among Females by Race and Ethnicity, Westchester County, 2012–2016.



Rates are per 100,000 per sons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

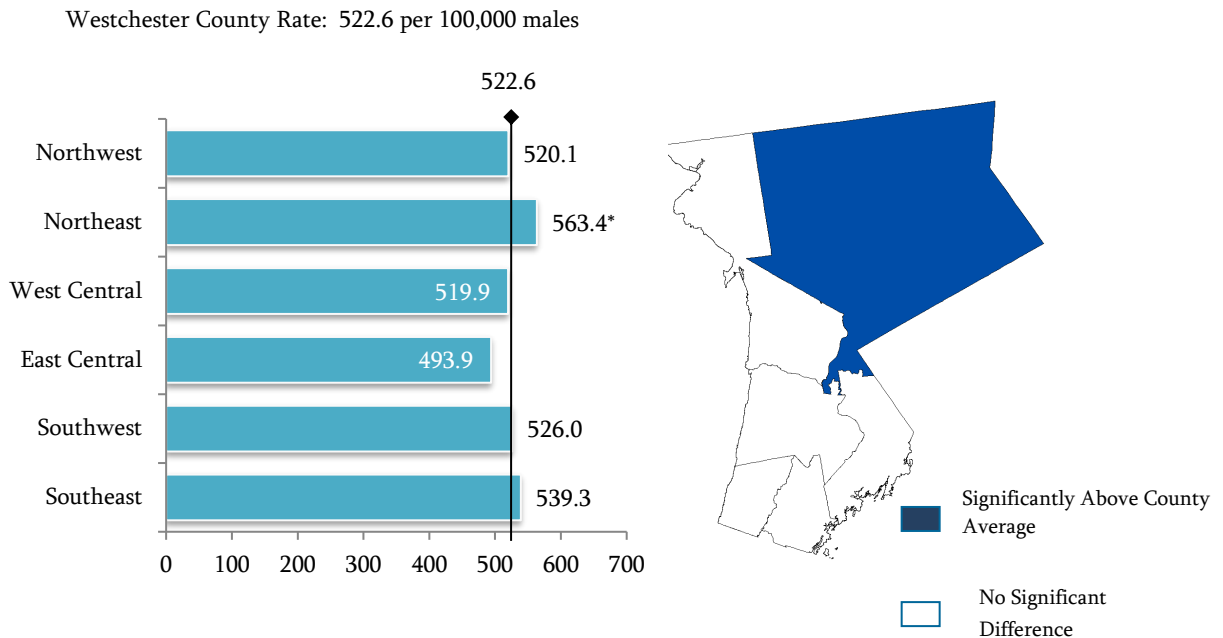
- Among black women, the most frequently diagnosed cancers was breast cancer, with 121.3 cases diagnosed per 100,000, followed by lung and bronchus, cancer of the corpus uterus and not otherwise specified, colorectal, and colon excluding rectum (Figure 4).
- White women had significantly higher average annual incidence rates than black women for all invasive malignant cancers combined, as well as cancers such as: breast, melanoma, ovary, lung and bronchus, cancer of the bladder including in situ, thyroid, brain and other nervous systems, and non-Hodgkin lymphomas.
- Black women in Westchester County had significantly higher incidence rates than white women for stomach cancer and multiple myeloma.
- Among Hispanic women, breast cancer was the most commonly diagnosed cancer, with 96.0 average cases diagnosed annually followed by thyroid, colorectal, lung and bronchus, colorectal, and cancer of the corpus uterus and not otherwise specified.
- Hispanic women had significantly lower incidence rates than non-Hispanic women for all cancers combined and other cancers such as: breast, lung and bronchus, thyroid, melanoma of the skin, corpus uterus and not otherwise specified.
- However, Hispanic women had a significantly higher incidence rate in stomach and liver cancers than their non-Hispanic counterparts.

Cancer Incidence by Region of Westchester County

Males

- The overall cancer incidence rate among males was highest in the Northeast Health Planning Region (HPR) of the county, and lowest in the East Central and West Central HPRs (Figure 5).

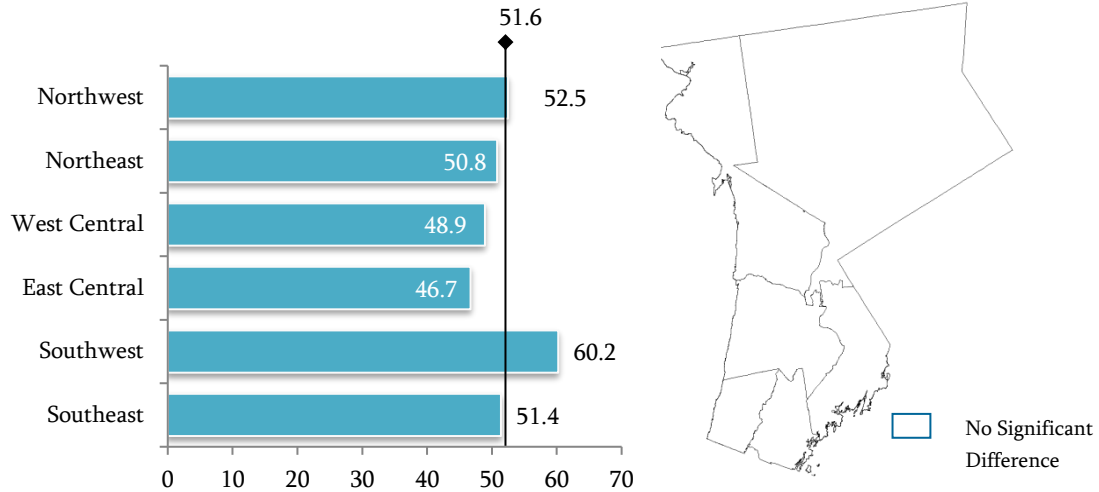
Figure 5. Average Annual Total Malignant Tumor Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.



- There is no significant difference with respect to the average annual incidence of lung and bronchus cancer of each HPR and the Westchester County average (Figure 6).

Figure 6. Average Annual Lung and Bronchus Cancer Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.

Westchester County Rate: 51.6 per 100,000 males

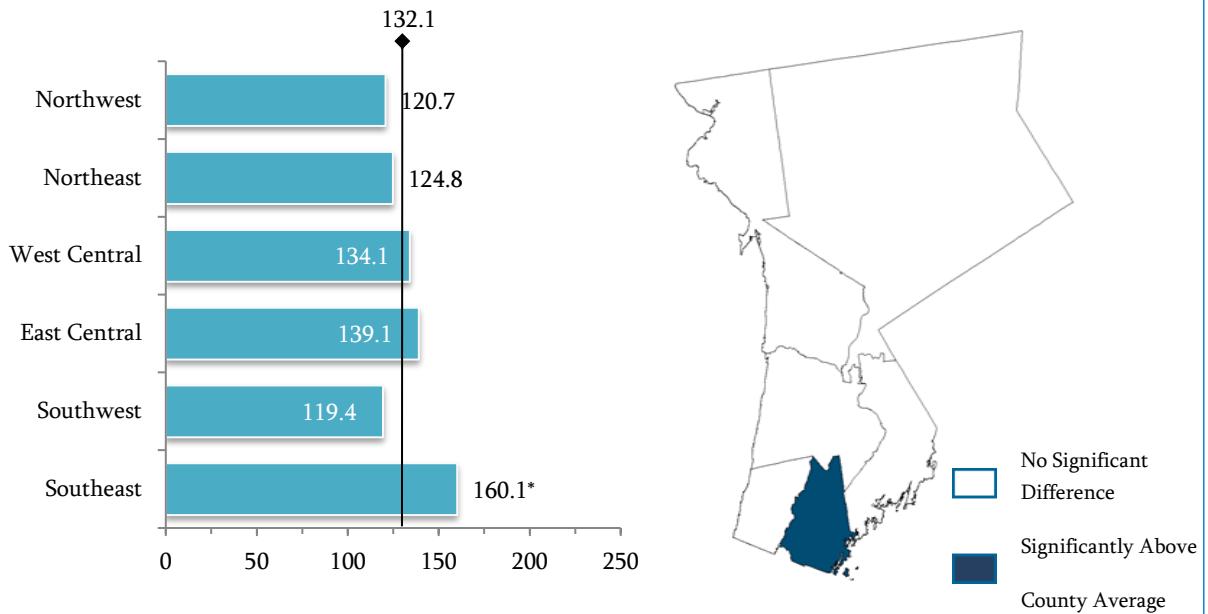


Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Figure 7. Average Annual Prostate Cancer Incidence Rates by Health Planning Region, Westchester County, 2012-2016.

Westchester County Rate: 132.1 per 100,000 males



*Statistically significant.

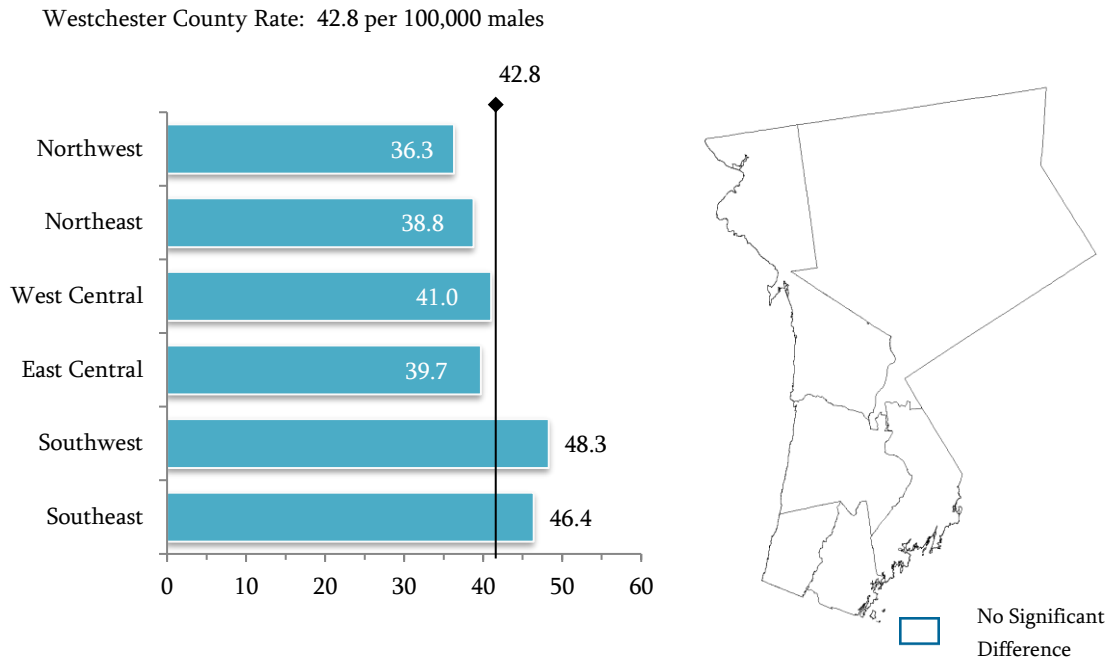
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- The Southeast HPR had the highest rates of prostate cancer in Westchester County followed by East Central HPR. The lowest rates were in the Southwest (Figure 7).

- Colorectal cancer rates are highest in the Southwest HPR and lowest in the Northwest HPR however there was no significant difference between the incidence rates of any of the HPRs and average annual incidence rate of Westchester County (Figure 8).

Figure 8. Average Annual Colorectal Cancer Incidence Rates among Males by Health Planning Region, Westchester County, 2012-2016.



Rates are per 100,000 persons.

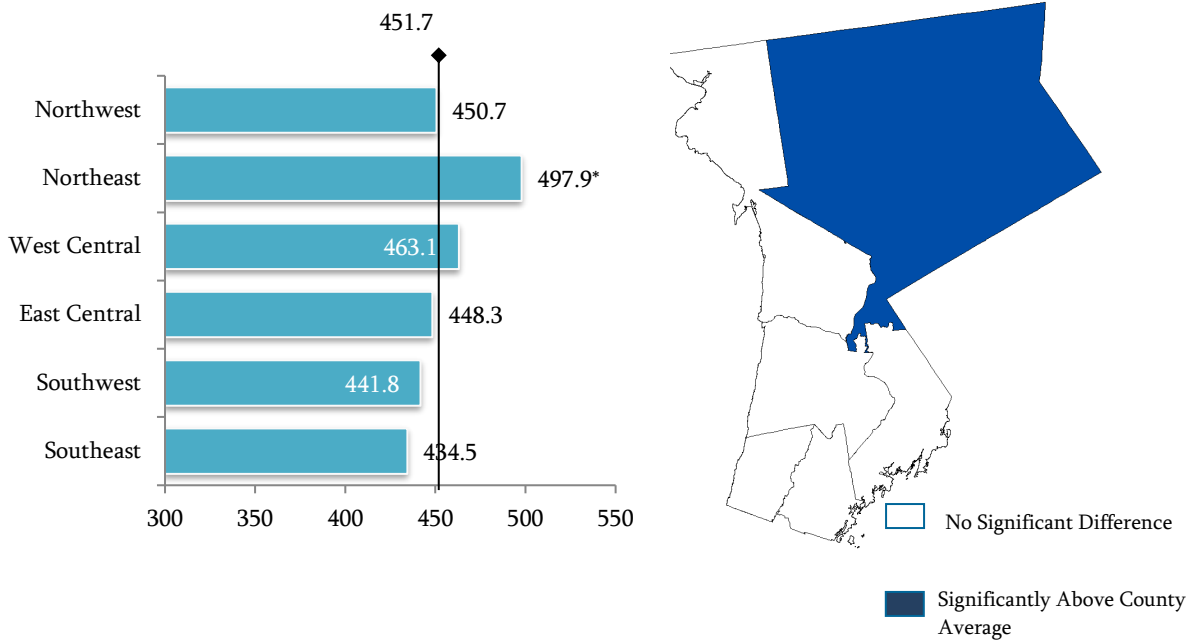
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Females

- Compared to the county average, the average annual incidence rates for all invasive malignant tumors were highest among women in the Northeast HPR, followed by the West Central HPR, and lowest in the Southeast HPR (Figure 9).

Figure 9. Average Annual Total Malignant Tumor Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.

Westchester County Rate: 451.7 per 100,000 females



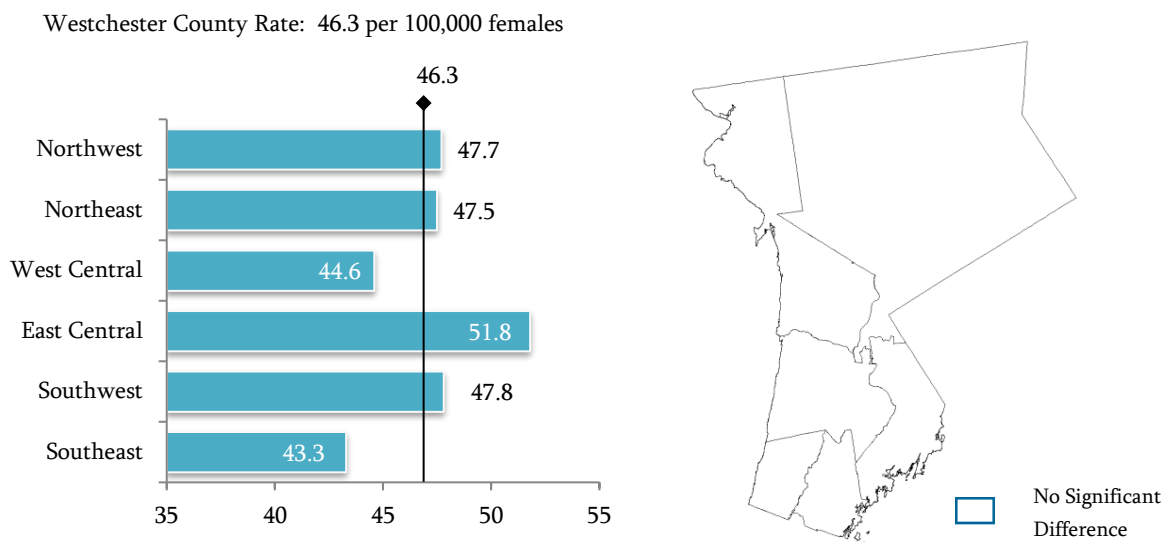
*Statistically significant.

Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- Women in the East Central HPR had the highest incidence rates for lung and bronchus cancer when compared to the county average, this was followed by the Southwest HPR (Figure 10). The lowest incidence rates were in the Southeast HPR. However, there was no significant difference between the incidence rate of any HPR and the county average for this type of cancer.

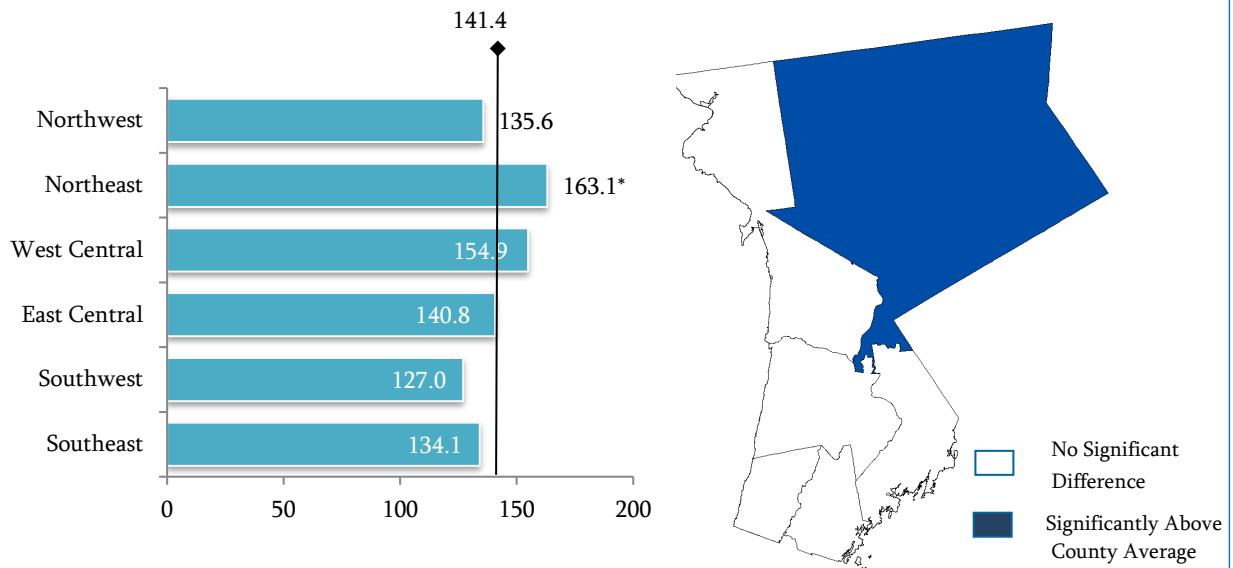
Figure 10. Average Annual Lung and Bronchus Cancer Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.



- The incidence rate of breast cancer was significantly higher in the Northeast HPR and the overall average for the county (Figure 11).

Figure 11. Average Annual Breast Cancer Incidence Rates among Females by Health Planning Region, Westchester County, 2012-2016.

Westchester County Rate: 141.4 per 100,000 females



*Statistically significant.

Rates are per 100,000 persons.

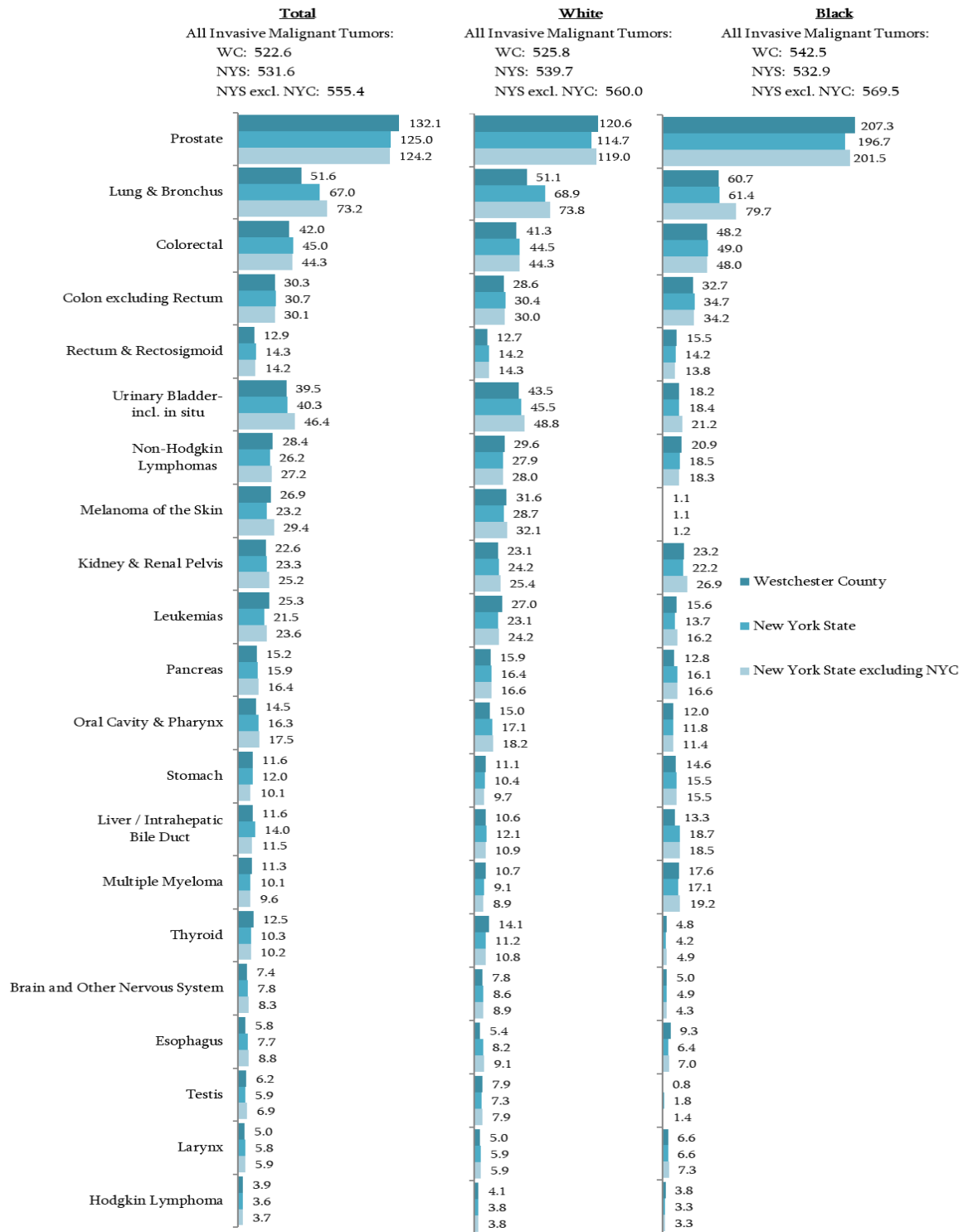
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Cancer Incidence in Westchester County Compared with New York State

Males

- There was a significant difference between the Westchester County rate and the cancer incidence rate of New York State excluding New York City (522.6 vs. 555.4 per 100,000 males).
- Compared to all of New York State, the cancer incidence rates for men in Westchester County were significantly lower for cancers such as: lung and bronchus, liver and intrahepatic bile duct and esophageal cancer (Figure 12).
- Westchester County men had significantly higher rates of prostate cancer, melanoma of the skin, leukemia and thyroid cancer compared to their counterparts in New York State.
- Compared to New York State excluding New York City, the cancer incidence rate for men in Westchester County was significantly lower for cancers such as: oral cavity and pharynx, lung and bronchus, esophagus, kidney and renal pelvis and urinary bladder including in situ.
- Cancer incidence rates for prostate and thyroid cancers were significantly higher for men in Westchester County in comparison to rates for men in New York State excluding New York City.
- The overall cancer incidence rate for white men in Westchester County was significantly lower than rates for their counterparts in New York State (525.8 v 539.7 respectively).
- The incidence rates for leukemia, prostate and thyroid cancers were significantly higher for white men in Westchester County when compared to white men in New York State.
- When compared to New York State excluding New York City, the overall cancer incidence rate for Westchester County's white men was significantly lower (560.0 v 525.8).
- The incidence rates for thyroid and leukemia were significantly higher for Westchester County's white male population compared to New York State excluding New York City.

Figure 12. Average Annual Cancer Incidence Rates among Males by Race, Westchester County and New York State, 2011-2015



Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

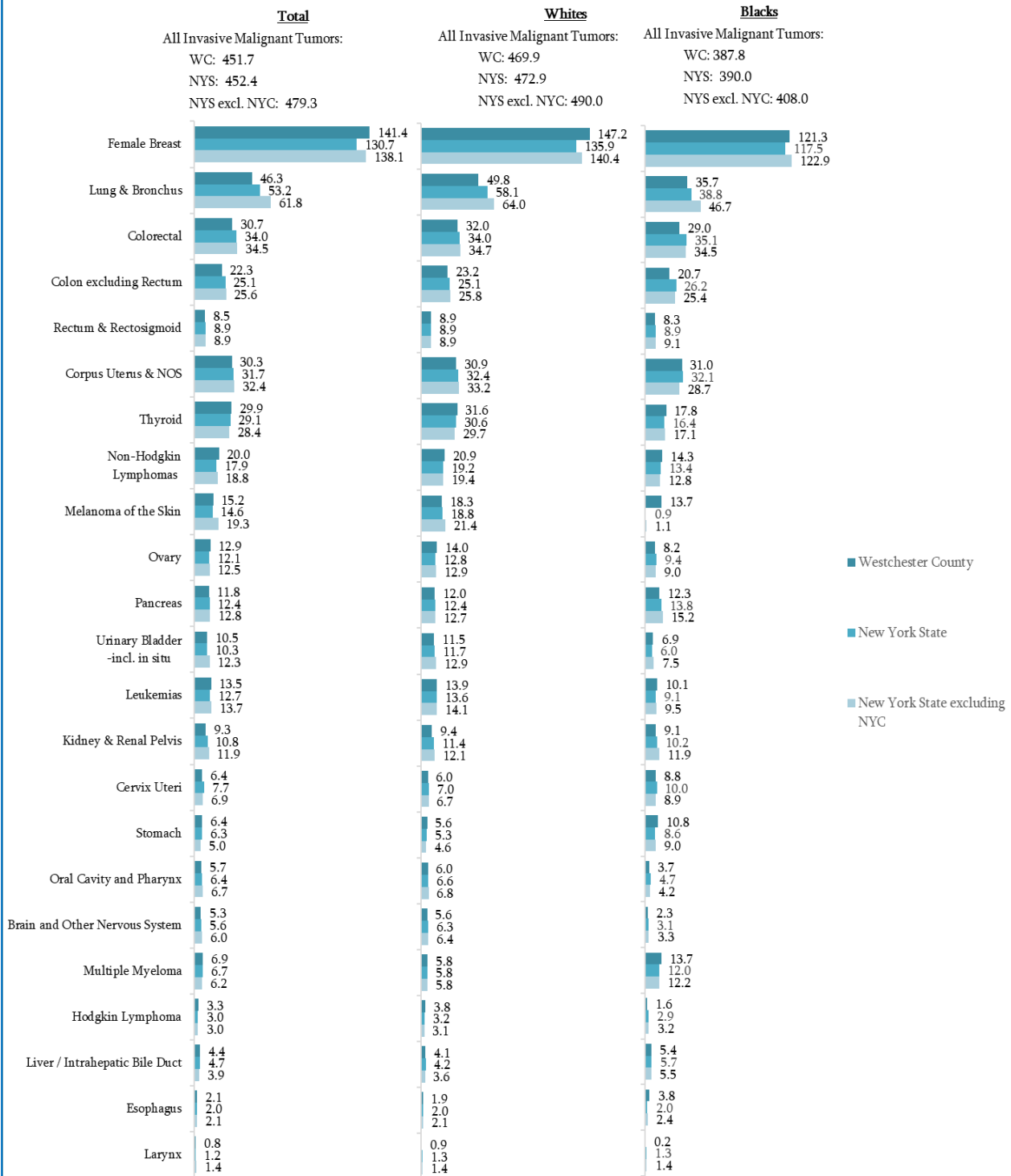
- When compared to New York State, Westchester County's black men had significantly lower incidence rates for cancer of the liver and intrahepatic bile duct.
- Incident rates were significantly lower for black men in Westchester for lung and bronchial cancer, when compared to New York State excluding New York City.
- In addition, Hispanic men in Westchester County had a significantly lower incidence rate of liver cancers when compared to Hispanic men in New York State.

Females

- The average annual incidence rate for women in Westchester County significantly lower than New York State when excluding New York City (479.3).
- Compared to New York State, the cancer incidence rates for women in Westchester County were significantly lower for colorectal, colon excluding rectum, lung and bronchus, cervix, kidney and renal pelvis. (Figure 13).
- The cancer incidence rates for women in Westchester County were significantly higher for female breast and non-Hodgkin lymphoma when compared to New York State females.
- When compared to New York State excluding New York City, the incidence rates for women in Westchester County for colorectal, colon excluding rectum, larynx, lung and bronchus and cancers related to melanoma of the skin were significantly lower.
- Westchester County incidences of stomach cancer among women were significantly higher than those of their counterparts in New York State excluding New York City.
- Westchester County white women had significantly lower incident rates when compared to the New York State excluding New York City (490.0).
- Female breast cancer incidence rates were significantly higher for white women in Westchester County when compared to those of white women in New York State and women in New York State excluding New York City (147.2 v 135.9 v 140.9 respectively).

- When compared to the New York State average, Westchester County white women had significantly lower rates of cancer of the lung and bronchus.
- When compared to the New York State average excluding New York City, white women in Westchester County had lower incidence rates for lung and bronchus, melanoma of the skin and colon excluding rectum cancers.
- Rates for colorectal cancer, colon excluding rectum and cancer of the larynx were significantly lower for Westchester county black women than black women in New York State.
- Cancer of the larynx and lung and bronchus rates were significantly lower for black women in Westchester County compared to black women in New York State excluding New York City.

Figure 13. Average Annual Cancer Incidence Rates among Males by Race, Westchester County and New York State, 2012-2016.



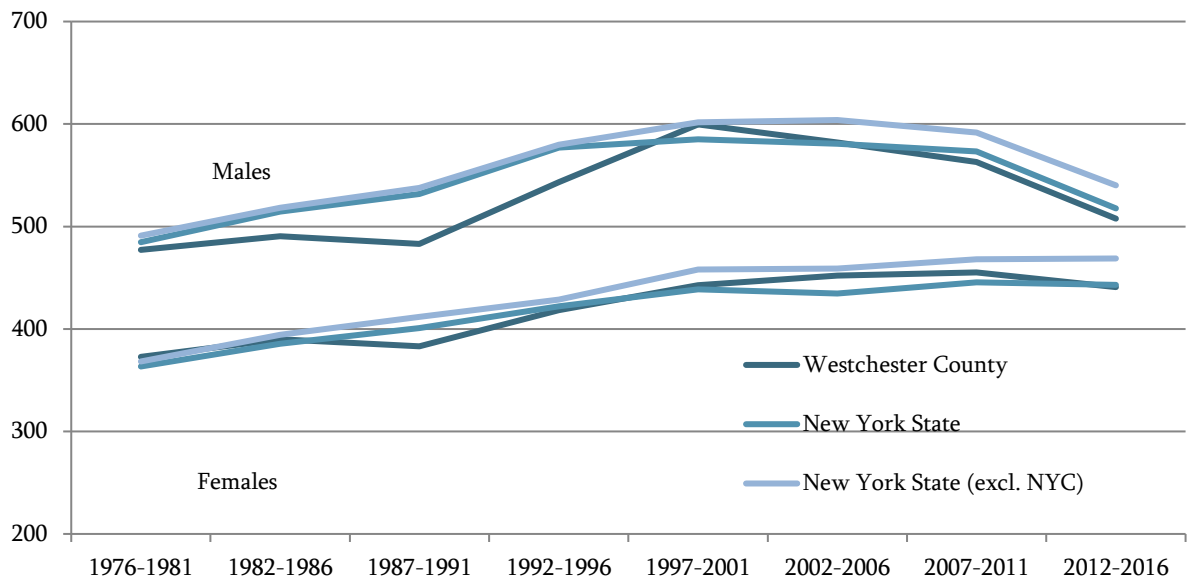
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Trends in Average Annual Cancer Incidence Rates

- The average annual cancer incidence rates have demonstrated an overall increase since the 1976-2016 period for both men and women in Westchester County, New York State, and New York State excluding New York City. However, over the past ten years, there has been a slight decreasing trend for males overall (Figure 14).

Figure 14. Average Annual Total Invasive Malignant Tumor Incidence Rates by Sex, Westchester County and New York State, 1976-2016.



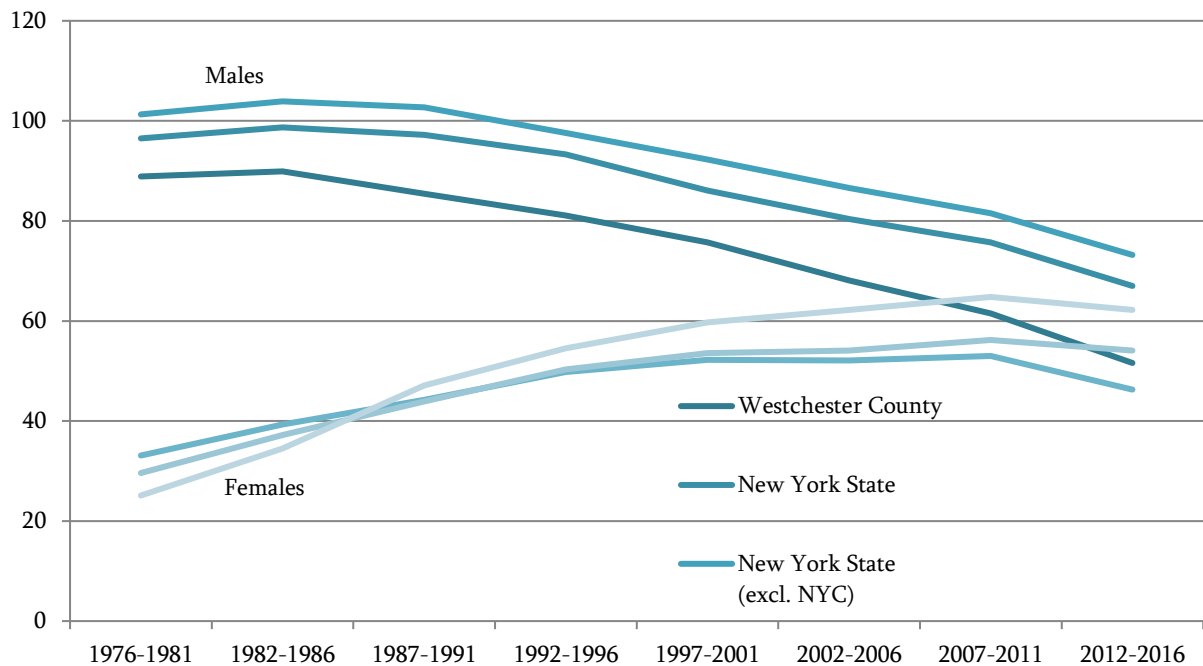
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- Since 1976, the average annual incidence rate for all malignancies among men in Westchester County has increased by 6.4% (from 477.2 per 100,000 men during 1976-1981 to 507.7 per 100,000 males in 2012-2016). Among females, the increase was 18.3% (from 372.8 to 440.9 per 100,000 females).

- For men, the average annual incidence rates of lung and bronchus cancer has been declining over the past four decades. The average annual incidence rate of lung and bronchus for males has fallen by 42.0% since 1976-81 (88.9 per 100,000) to its current level of 51.6 per 100,000 in 2012-2016 (Figure 15).

Figure 15. Average Annual Lung and Bronchus Cancer Incidence Rates by Sex, Westchester County and New York State, 1976-2016.



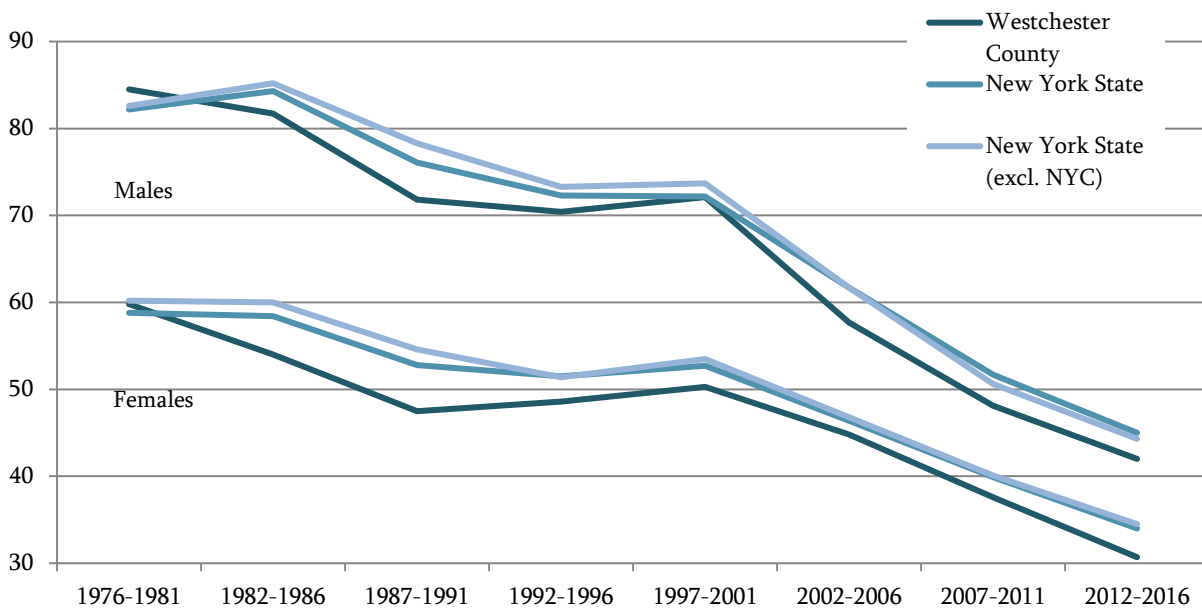
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- However, for women, the trend is reversed. The average annual incidence rate of lung and bronchus cancer has increased by 39.9% (from 33.1 in 1976-1981 to 46.3 per 100,000 in 2012-2016).

- The average annual incidence rate of colorectal cancer has been declining for both men and women. Among Westchester County males, incidence rates have declined by 50.3% since 1976-1981 from an annual average incidence of 84.5 to 42.0 per 100,000 (Figure 16).

Figure 16. Average Annual Colorectal Cancer Incidence Rates by Sex, Westchester County and New York State, 1976-2016.



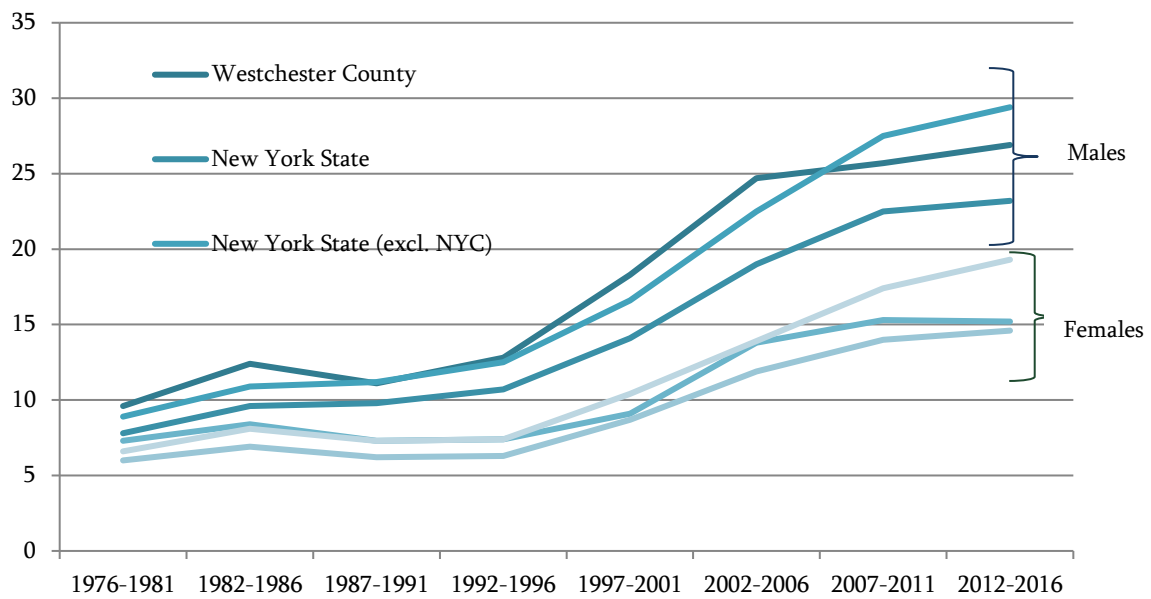
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- Among Westchester County women, incidence rates of colorectal cancer have declined by 48.7% since 1976-1981, from 59.8 to 30.7 per 100,000 women in 2012-2016.

- Average annual incidence rates of melanoma of the skin have been rising for both men and women. Among Westchester County men, the rate of incidence for this cancer has increased by 180.2% (from 9.6 in 1976-1981 to 26.9 per 100,000 males in 2012-2016); and among women, by 108.0% from 7.3 in 1976-1981 to 15.2 per 100,000 females in 2012-2016 (Figure 17).

Figure 17. Average Annual Melanoma of the Skin Incidence Rates by Sex, Westchester County, 1976-2016.

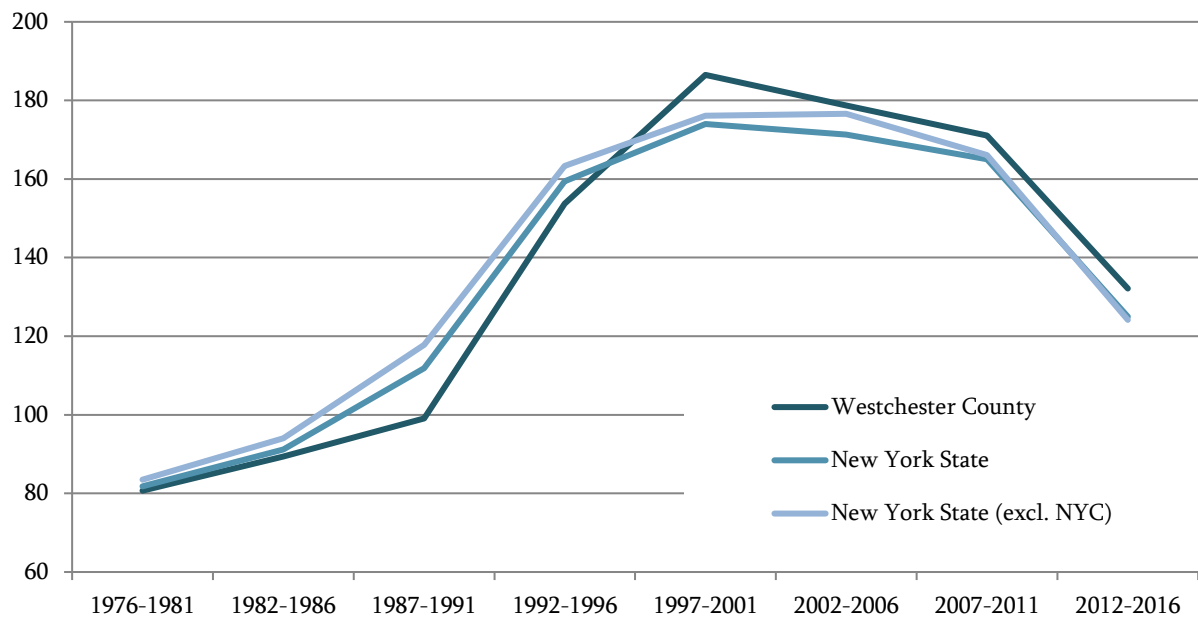


Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- The average annual incidence rate of prostate cancer in Westchester County has increased by 131.1%, from 80.7 per 100,000 in 1976-1981, to 186.5 cases per 100,000 males in 1997-2001, when the incidence rate reached a peak. However, the incidence rate of prostate cancer has since declined to 132.1 cases per 100,000 in the 2012-2016 period (Figure 18).

Figure 18. Average Annual Prostate Cancer Incidence Rates, Westchester County and New York State, 1976-2016.

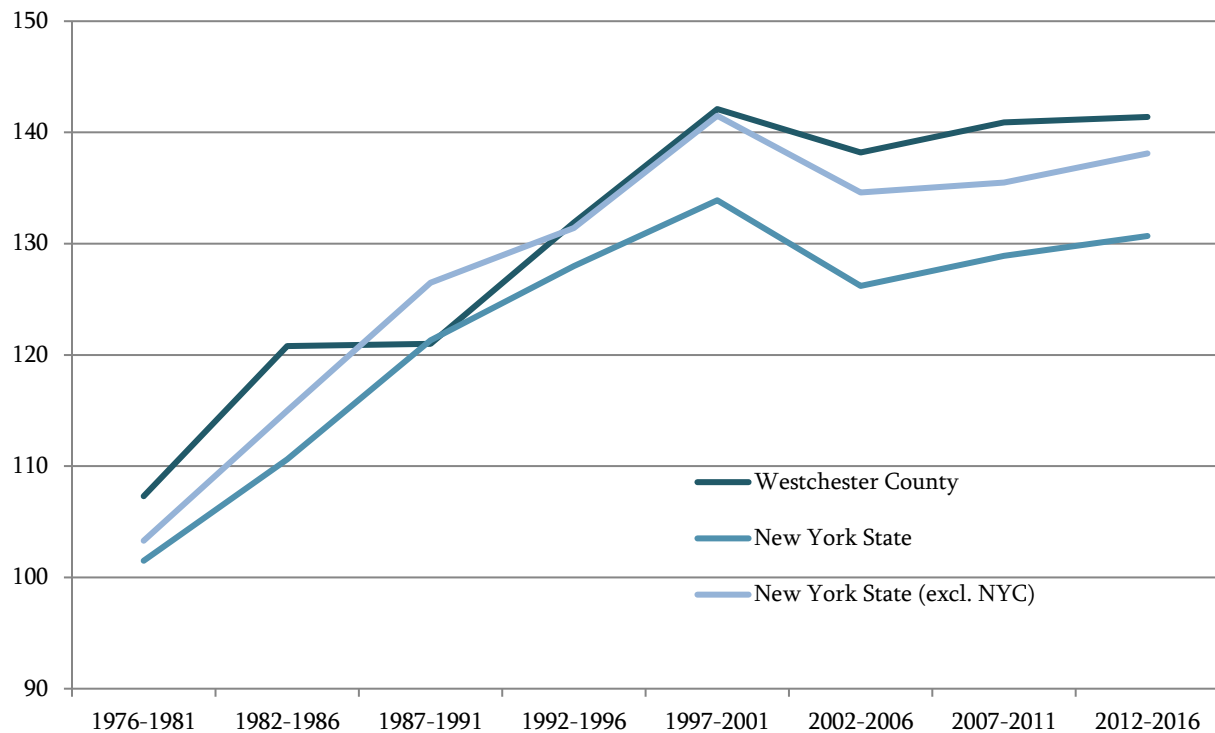


Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- The average annual incidence for female breast cancer has increased by 31.3% in Westchester County. The incidence rate has moved from 107.3 per 100,000 in 1976-1981 to a rate of 141.4 per 100,000 females in 2012-2016 (Figure 19).

Figure 19. Average Annual Female Breast Cancer Incidence Rates, Westchester County and New York State, 1976-2016.



Rates are per 100,000 persons.

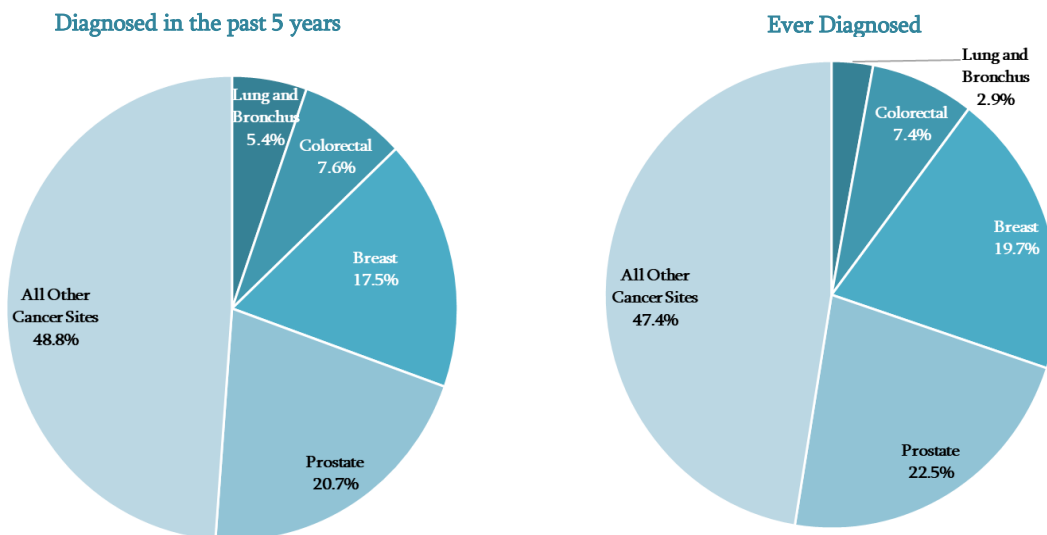
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- Among Westchester County residents, other cancers that have shown an increasing trend in incidence rates include; leukemia, multiple myeloma, non-Hodgkin lymphoma, thyroid, kidney and renal pelvis, melanoma of the skin and liver and intrahepatic bile duct.
- Some cancer rates that have shown a decrease in incidence rates include; stomach, oral cavity and pharynx, rectum and rectosigmoid, and cancer of the larynx.

Estimated Cancer Prevalence

- Prevalence represents 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 placed on the population and on the health care system.
- As of January 1, 2016, there were an estimated 56,640 cancer survivors living in Westchester County. Among these, an estimated 1,670 (2.9%) had been diagnosed with lung and bronchus cancer, 4,190 (7.4%), colorectal cancer, 11,180 (19.7%) breast cancer and 12,750 (22.5%) prostate cancer (Figure 20).

Figure 20. Estimated Number of Persons Alive Diagnosed with Cancer by Site, Westchester County, and January 1, 2016.



Source: New York State Department of Health, New York State Cancer Registry.
Data as of November 2018.

Cancer Screening

The American Cancer Society (ACS) recommends women aged 20 to 39 years undergo a clinical breast exam every 3 years, and annual exams for women aged 40 and over. The ACS 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 member⁴, 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”⁵.

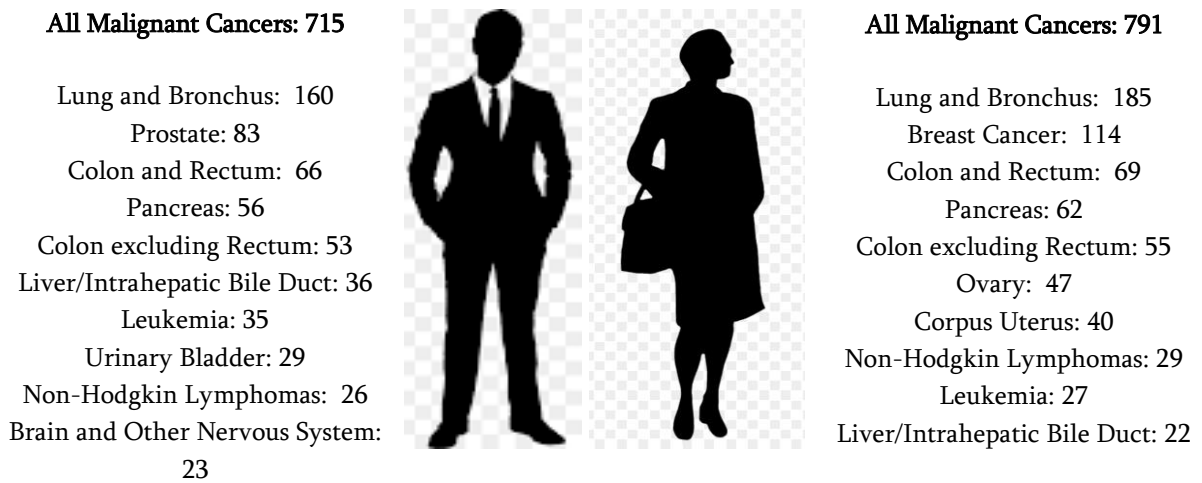
⁴ A first degree relative is a family member who shares about 50 percent of their genes with a particular individual in a family. First degree relatives include parents, offspring, and siblings.

⁵ This is a statewide program with locations in Dutchess, Putnam, Rockland, Ulster and Westchester Counties: <http://www.hitch.org/get-involved/cancer-services-program>
Please refer to Appendix 3 for the list of facilities that offer cancer screening in Westchester County.

Cancer Mortality by Sex

- During 2012-2016, 1,506 Westchester County residents died of cancer, among them 715 were men and 791 were women (Figure 21).

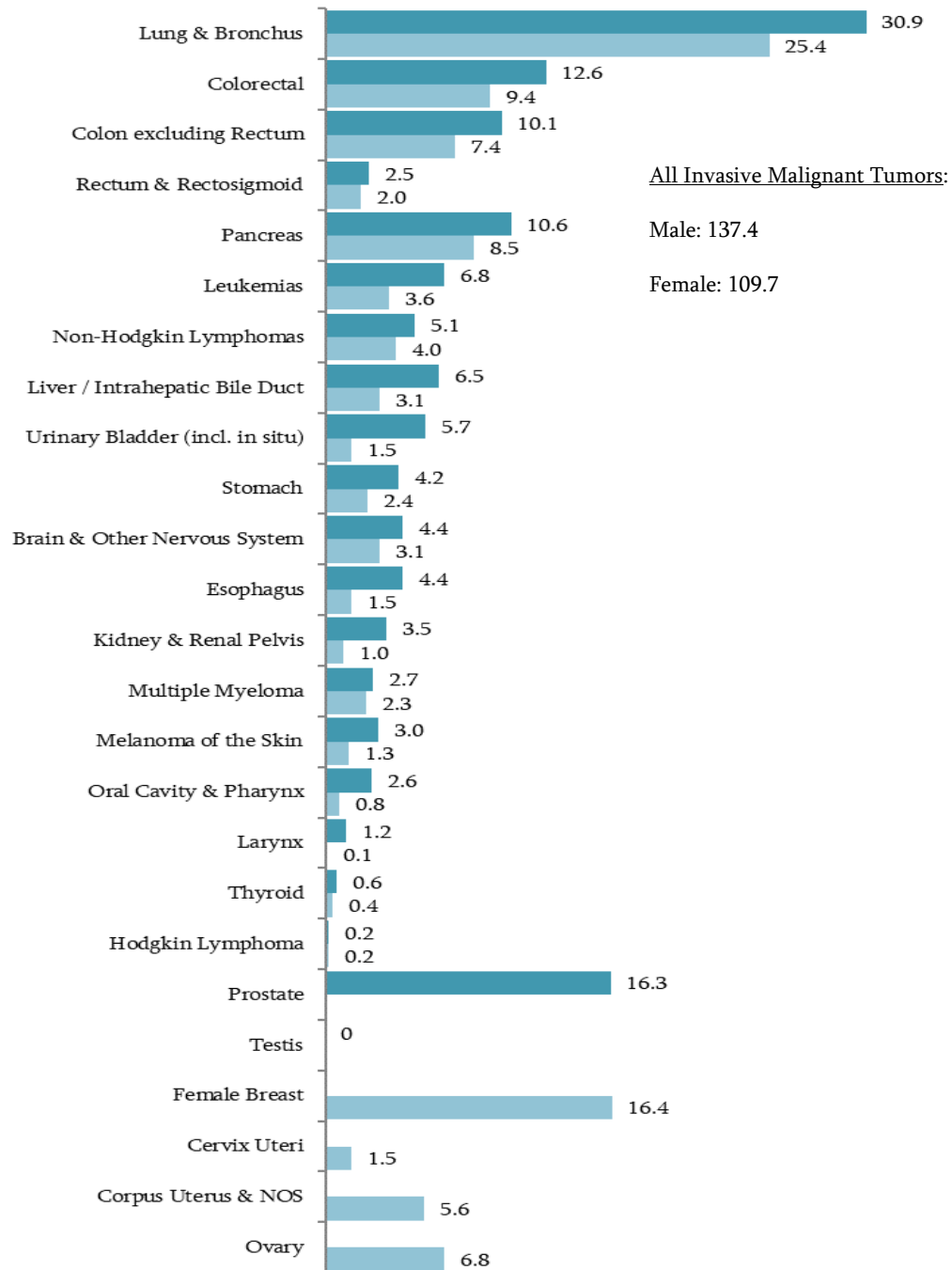
Figure 21. Top Ten Average Annual Deaths Due to Cancer by Sex, Westchester County, 2012-2016.



Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- The average annual mortality rate of all combined invasive malignant cancers was 137.4 per 100,000 for men and 109.7 per 100,000 for women.
- The mortality rate was significantly higher for men than for women, in nearly all cancer types (Figure 22). The only cancers for which there was no significant difference in mortality rates between men and women were colon excluding rectum and Hodgkin lymphoma.
- For both men and women, the cancer with the highest mortality rate was lung and bronchus cancer. The cancer with the second highest mortality rate was prostate cancer among men, and breast cancer among women. Colorectal cancer was the cancer with the third highest mortality rate for both sexes (Figure 22).

Figure 22. Average Annual Cancer Mortality Rates by Sex, Westchester County. 2012-2016.



Rates are per 100,000 persons.

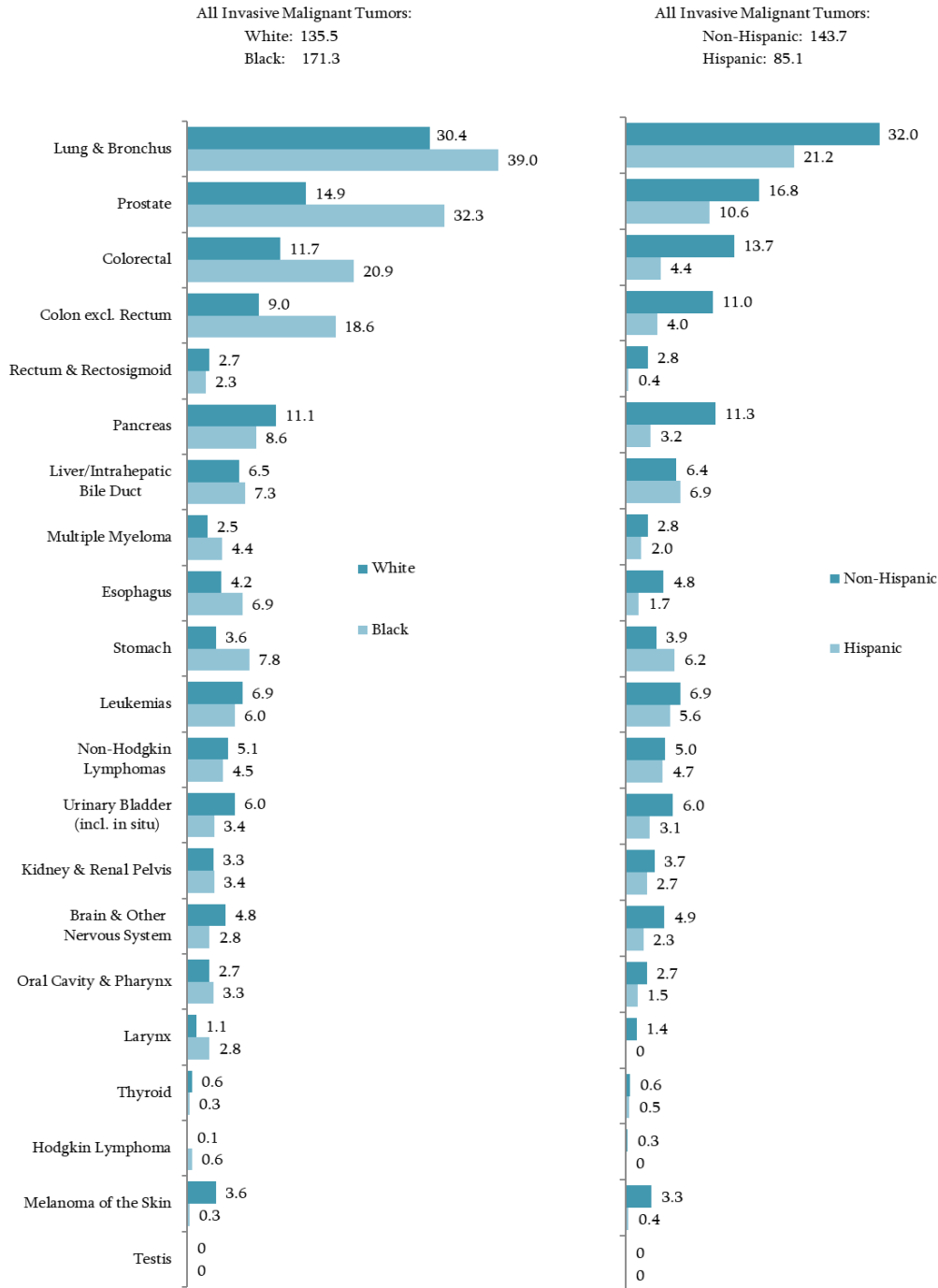
Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Cancer Mortality Race, Ethnicity and Sex

Males

- The average annual cancer mortality rate was 135.5 per 100,000 among white males and 171.3 per 100,000 among their black counterparts.
- The overall cancer mortality rate was significantly higher among blacks than whites.
- For both whites and blacks, lung and bronchus cancer had the highest mortality rate, followed by prostate cancer and colorectal cancer (Figure 23).

Figure 23. Average Annual Cancer Mortality Rates among Males by Race and Ethnicity, Westchester County, 2012-2016.



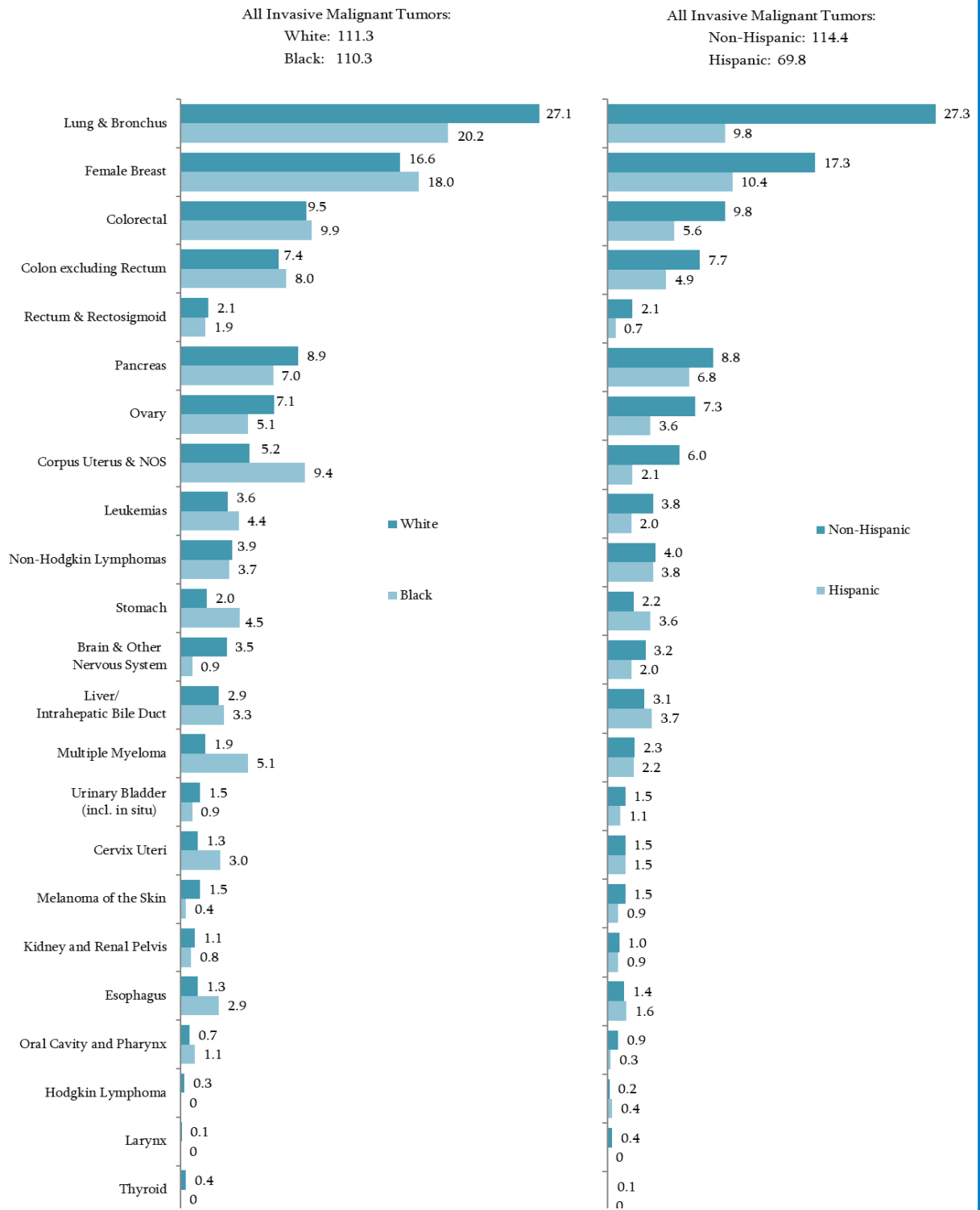
Rates are per 100,000 per sons.
 Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- For black men, compared to white men, the mortality rates of; colorectal cancer, colon excluding rectum, melanoma of the skin and prostate cancer were significantly higher.
- For white men however, the mortality rates from melanoma of the skin were significantly higher than those for black men.
- The overall average cancer mortality rate among Hispanic men in Westchester County was significantly lower than among non-Hispanic men (85.1 v 143.7 per 100,000 males). The non-Hispanic mortality rates for colorectal, colon excluding rectum, pancreas, larynx, lung and bronchus, esophagus and melanoma of the skin were significantly higher than that for Hispanic males.

Females

- The average annual cancer mortality rate was 111.3 per 100,000 among white females and 110.3 per 100,000 among black females living in Westchester County during 2012-2016.
- Lung and bronchus cancer and breast cancer were the top two causes of cancer mortality for both black and white women, followed by colorectal cancer (Figure 24).
- Compared to white women, black women had significantly higher overall cancer mortality rates for multiple myeloma and corpus uterus not otherwise specified.
- White women had significantly higher mortality rates in lung and bronchus and cancers of the brain and other nervous systems compared to their black counterparts in Westchester County.
- The average annual cancer mortality rate for Hispanic women in Westchester County was significantly lower than that of non-Hispanic women in the county (69.8 vs. 114.4).
- Lung and bronchus, colorectal, breast, corpus uterus not otherwise specified and ovarian cancer mortality rates were significantly lower for Hispanic women when compared to non-Hispanic women in Westchester County.

Figure 24. Average Annual Cancer Mortality Rates among Females by Race and Ethnicity, Westchester County and New York State, 2012-2016.



Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

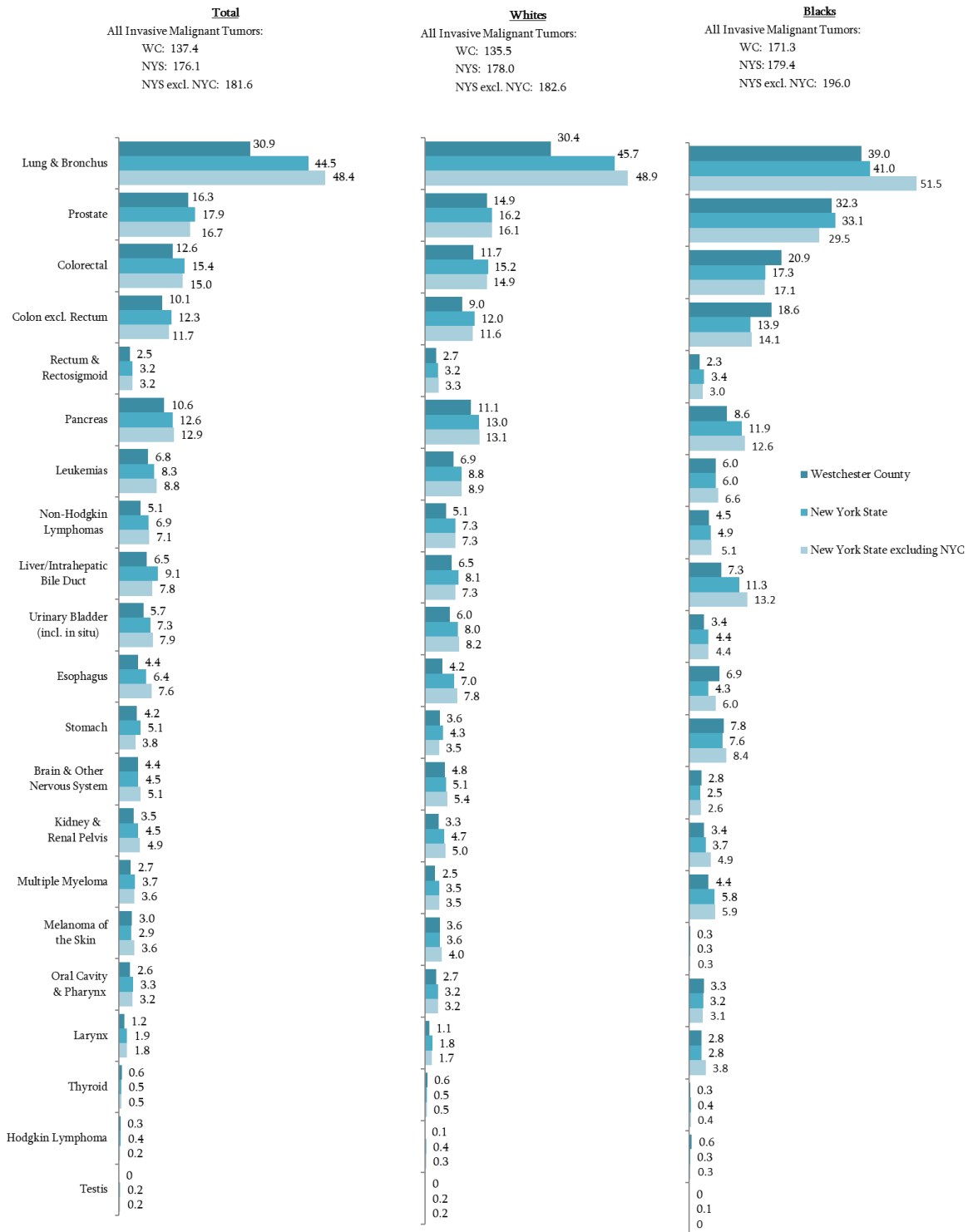
Cancer Mortality in Westchester County Compared with New York State

Males

The average annual cancer mortality rate for men in Westchester County was significantly lower than that of men in New York State both including and excluding New York City, 137.4 v. 176.1 v 181.6, respectively (Figure 25).

- In addition, the mortality rates due to lung and bronchus, colorectal, esophagus, pancreas, testis, urinary bladder in situ, kidney and renal pelvis, Non-Hodgkin lymphomas and leukemia were significantly lower among males in Westchester County when compared to those in both New York State and New York State excluding New York City (Figure 25).
- Additionally when comparing cancer mortality rates in Westchester County, males had significantly lower rates for colon excluding rectum, liver and intrahepatic bile duct, larynx and multiple myeloma for males in New York State alone.
- Compared to the average annual cancer mortality rate for New York State, including and excluding New York City, white men in Westchester County had a significantly lower rate of cancer mortality (135.5 v 178.0 v 182.6, respectively). There are significantly lower rates of mortality to most other cancers such as; lung and bronchus, testis, kidney and renal pelvis, multiple myeloma, leukemia, colorectal and esophageal cancer.
- Compared to New York State, black males in Westchester County had no significant difference in mortality rates (171.3 v 179.4). When compared to New York State excluding New York City (196.0), black males in Westchester had significantly lower mortality rates for all invasive malignant tumors overall.
- Black males in Westchester County had a significantly lower mortality rate than their counterparts in New York State and New York State excluding New York City for cancers involving the liver intrahepatic bile duct.
- Black males in Westchester County had a significantly lower mortality rate for lung and bronchus cancer than counterparts in New York State excluding New York City only.

Figure 25. Average Annual Cancer Mortality Rates among Males by Race, Westchester County and New York State, 2012-2016.

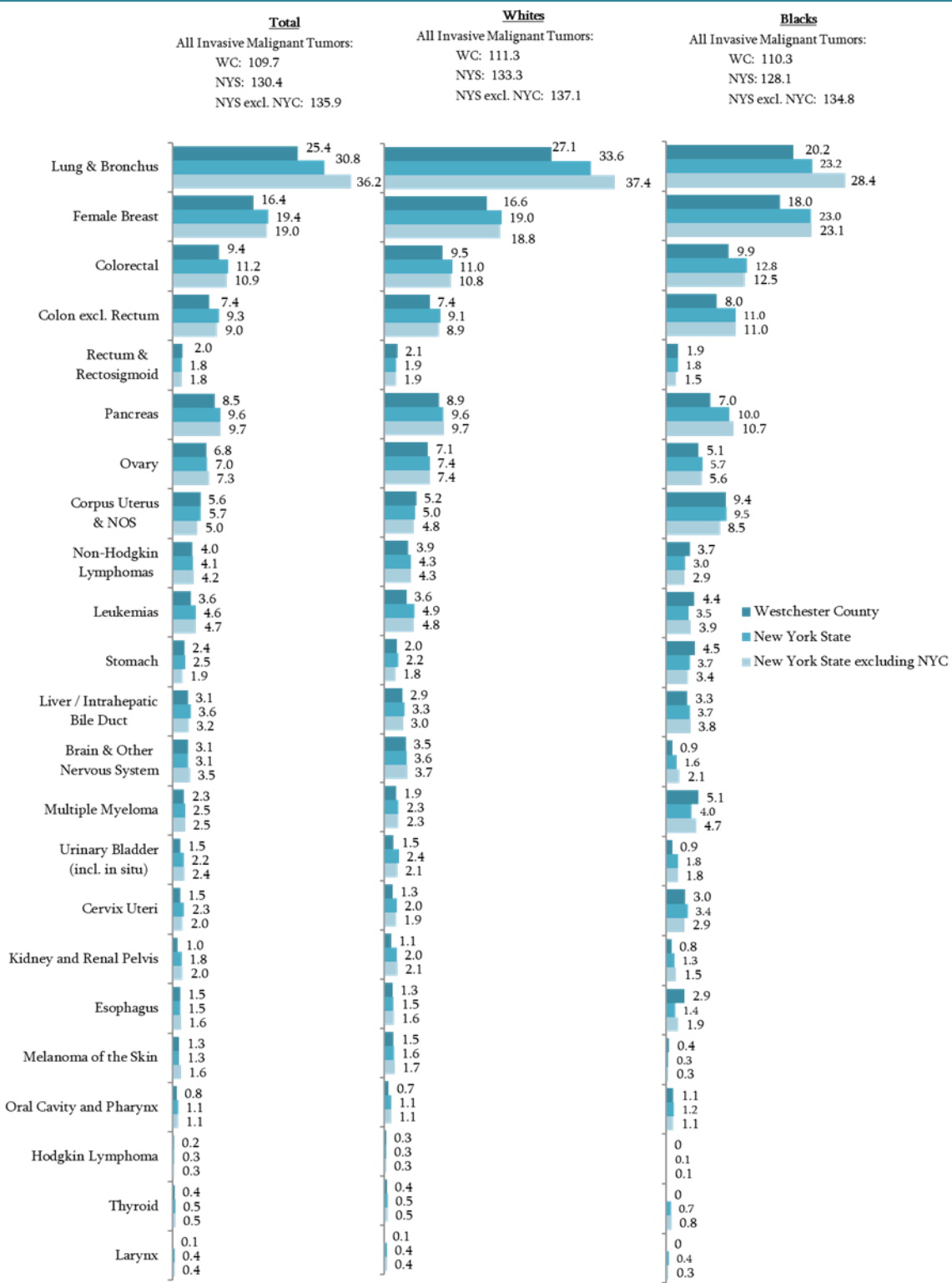


Rates are per 100,000 persons.
 Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Females

- Westchester County women had significantly lower average rates of overall cancer mortality than that of New York State (109.7 v 130.4) and that of New York State excluding New York City, 135.9 (Figure 26).
- There were significantly lower rates when Westchester County female mortality rates were compared to those of both New York State and New York State excluding New York City. These cancers include; colorectal, colon excluding rectum, larynx, lung and bronchus, breast, urinary bladder including in situ, kidney and renal pelvis and leukemia.
- Women in Westchester County had significantly lower mortality rates of cervical cancer when compared to those in New York State alone.
- White women in Westchester County also had a significantly lower overall rate of cancer mortality, compared to the New York State average either including or excluding New York City (111.3 v 133.3 v 137.1 respectively).
- The average annual cancer mortality rates due to; colon excluding rectum, breast, urinary bladder including in situ, leukemia, lung and bronchus and kidney and renal pelvis cancer were significantly lower for white women in Westchester County compared to white women in New York State, both including and excluding New York City.
- The overall average annual cancer mortality rate among black women, in contrast, was significantly lower for residents of Westchester County when compared to those of New York State and New York State including New York City (110.3 v 128.1 vs. 134.8 respectively).
- When compared to counterparts in New York State black women in Westchester County had significantly lower mortality rates for breast and thyroid cancers.
- Lung and bronchus mortality rates for black women in Westchester County were significantly lower than those of their counterparts in New York State excluding New York City.

Figure 26. Average Annual Cancer Mortality Rates among Females by Race, Westchester County and New York State, 2012-2016.



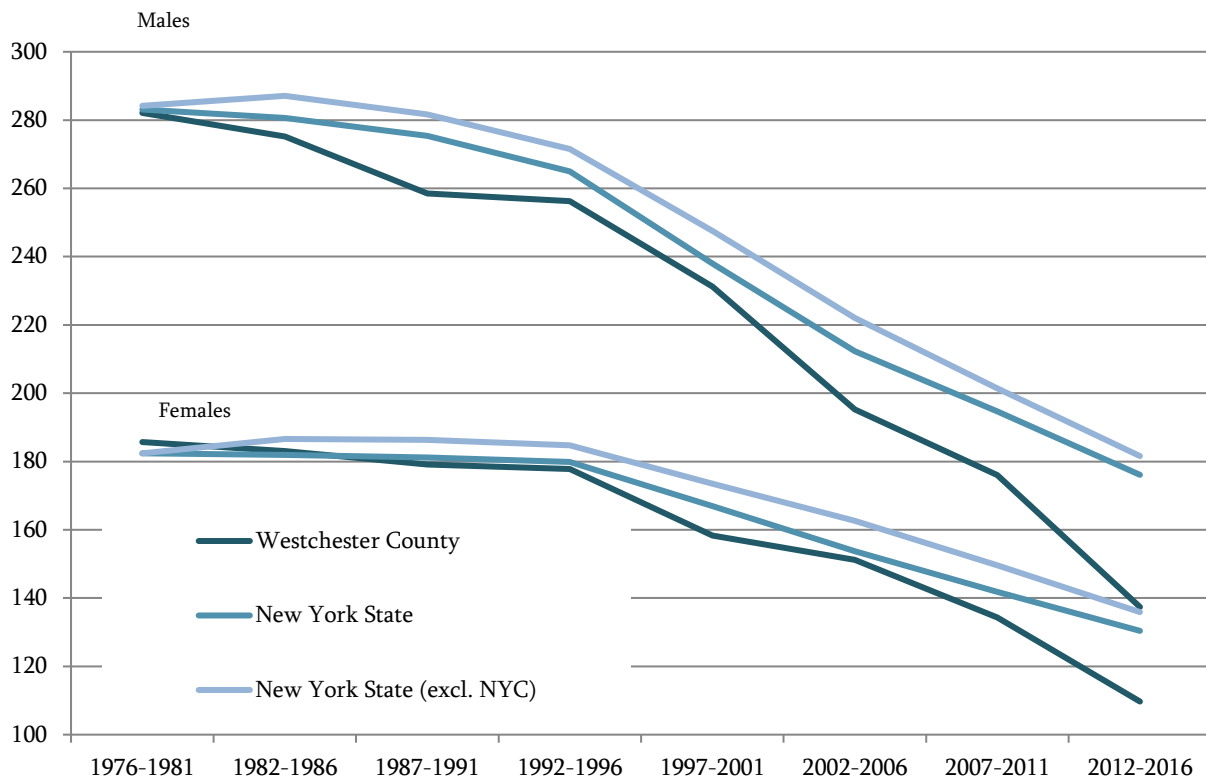
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Trends in Average Annual Cancer Mortality Rates

- Mortality rates due to cancer have been decreasing since 1976-1981 (the earliest time period for which cancer mortality data are available), for both men and women in Westchester County, New York State, and New York State excluding New York City.
- During the past four decades, the overall average annual cancer mortality rate among males in Westchester County has decreased by 51.3%. Among females, the mortality rate has decreased by 40.9% (Figure 27).

Figure 27. Average Annual Total Invasive Malignant Tumor Mortality Rates by Sex, Westchester County and New York State, 1976-2016.

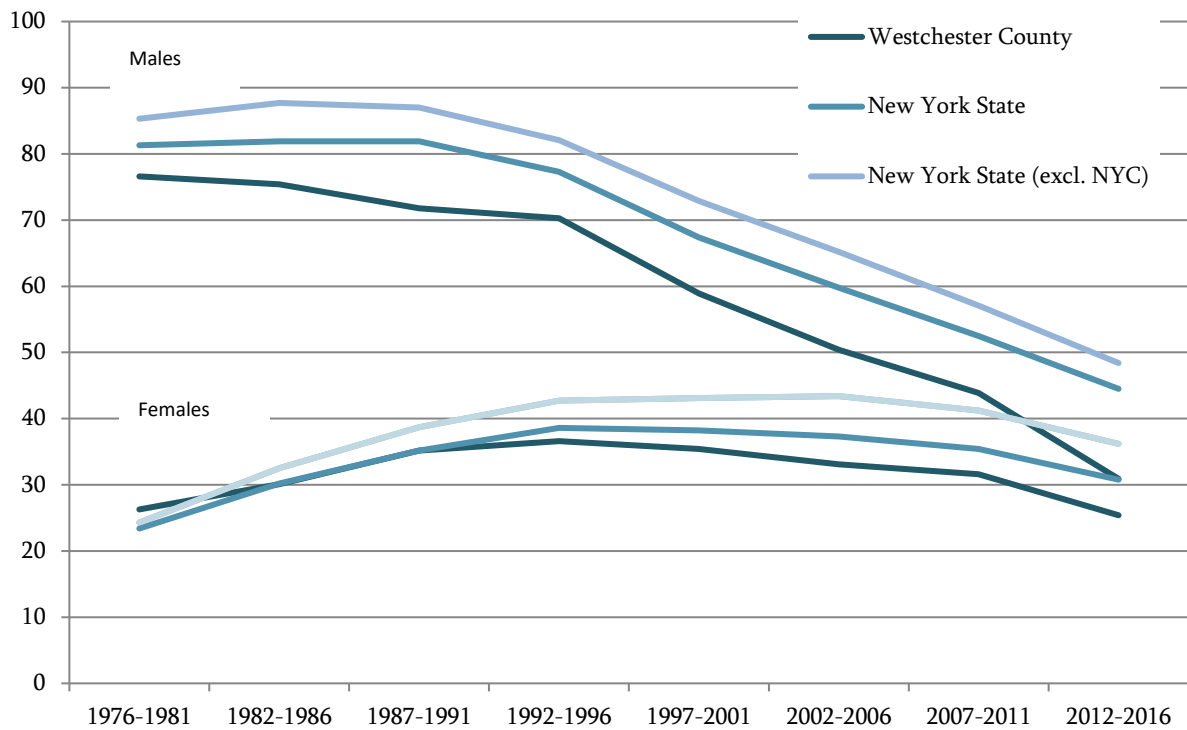


Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- The mortality rates due to lung and bronchus cancer have been declining over the past 40 years for both men and women. For men in Westchester County, the average annual mortality rate of lung and bronchus cancer has decreased by 59.7% (from 76.6 to 30.9 per 100,000 males) since 1976-1981 to 2012-2016. In contrast, the mortality rate among women in Westchester County has decreased by 3.4% from 26.3 to 25.4 per 100,000 females (Figure 28).

Figure 28. Average Annual Lung and Bronchus Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016.



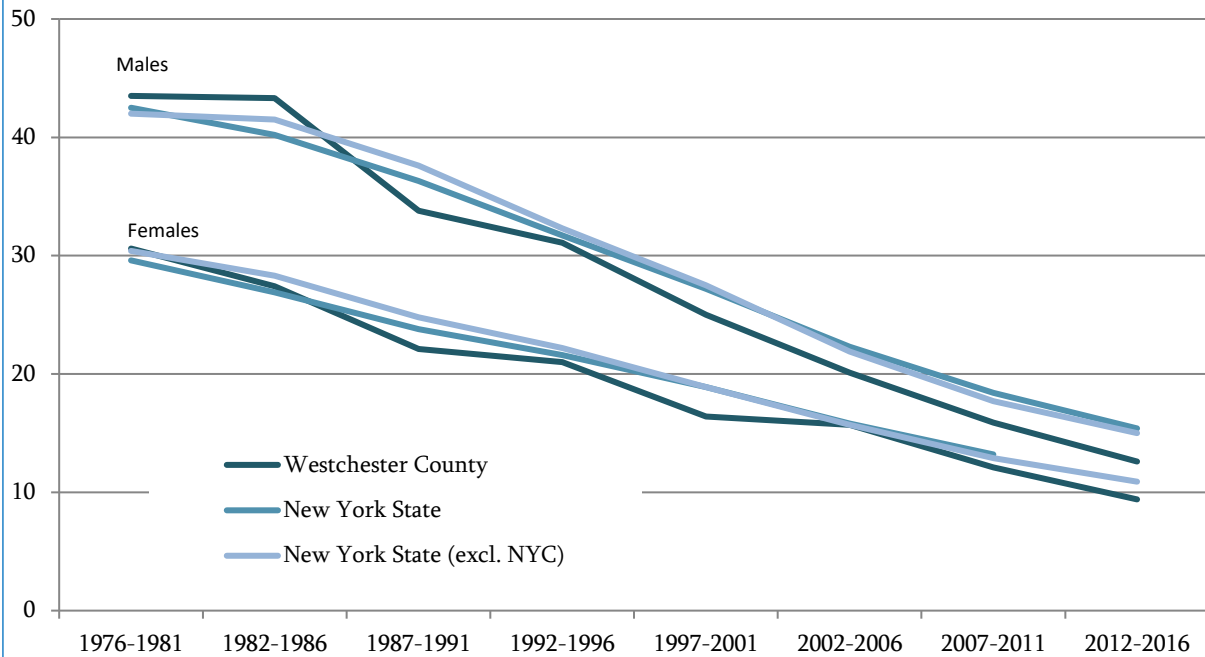
Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

- Women’s mortality rate due to lung and bronchus cancer peaked to 36.6 cases per 100,000 females in 1992-1996, a rise of 39.2%, then falling to 25.4 per 100,000 females in 2012-2016.

- The average annual mortality rate of colorectal cancer has been declining for both men and women in Westchester County. Among men, mortality rates have declined by 71.0% over the past 40 years. Female mortality rates have also declined 65.1% (Figure 29).

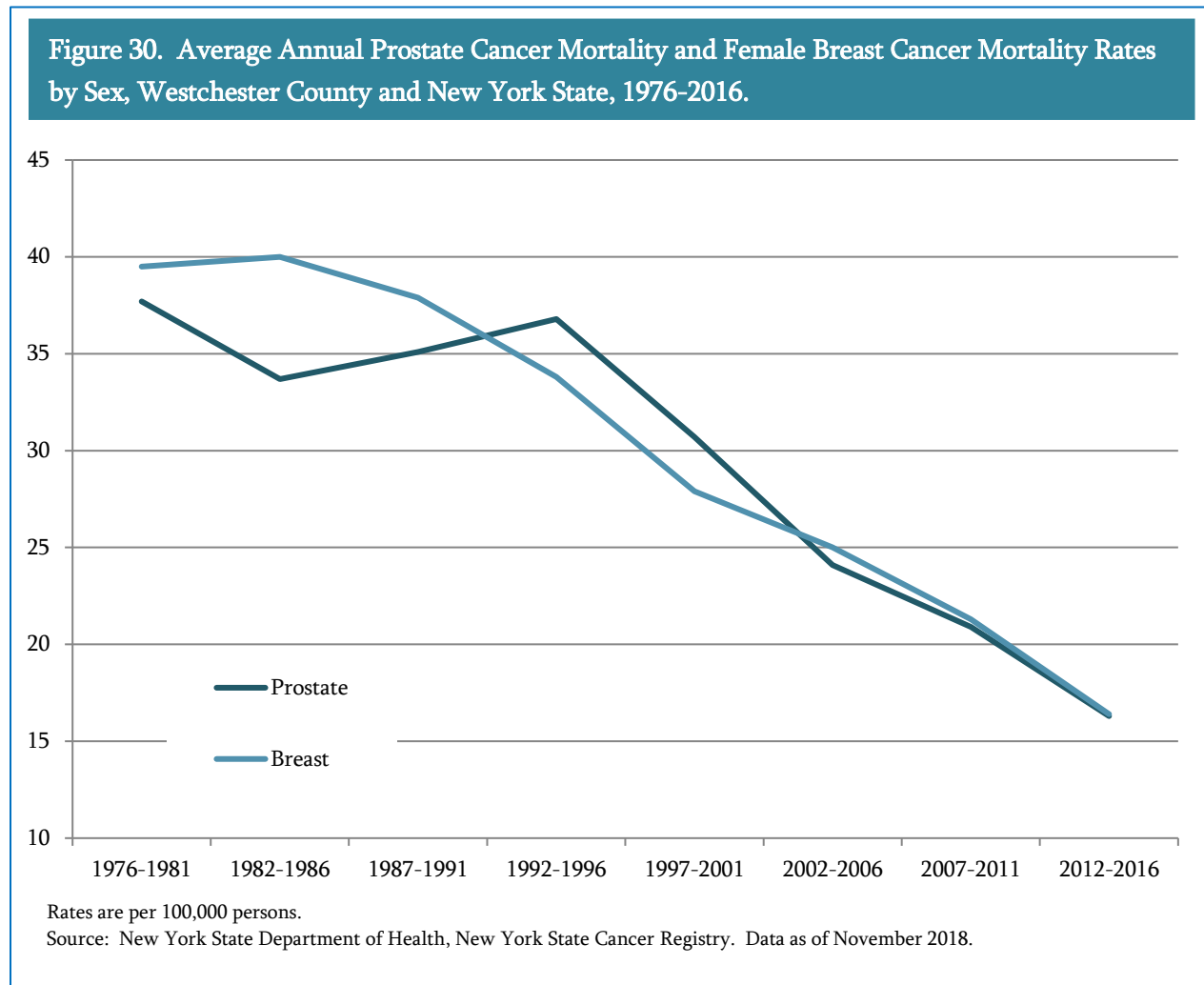
Figure 29. Average Annual Colorectal Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016.



Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

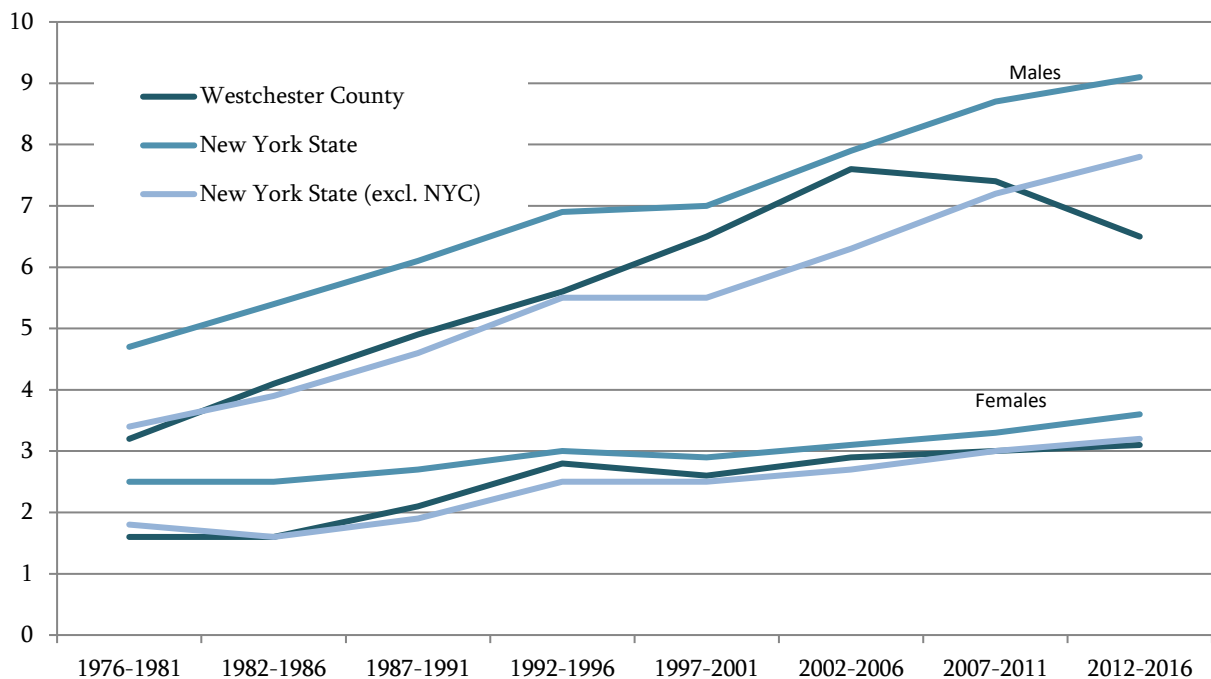
- The average annual mortality rate due to prostate cancer has declined by 56.8% since 1976-1981 (from 37.7 per 100,000 to 16.3 per 100,000 males in 2012-2016). The mortality rate due to female breast cancer has decreased by 58.5% during the same time from 39.5 per 100,000 to 16.4 per 100,000 females (Figure 30).



- Among Westchester County residents, other cancers that have shown decreasing trends in mortality rates include cancer of the oral cavity and pharynx, cancer of the larynx, stomach cancer, rectum and rectosigmoid and cancer of the urinary bladder including in situ.

- Cancer of the liver and intrahepatic bile ducts has shown an increasing trend for both men and women since the late 1970s in Westchester County's population. This mortality rate has increased from 3.2 per 100,000, 1976-1981 to 6.5 per 100,000 in 2012-2016 among men and from 1.6 per 100,000 in 1976-1981 to 3.1 per 100,000 in 2012-2016 among women (Figure 31).

Figure 31. Average Annual Liver and Intrahepatic Bile Duct Cancer Mortality Rates by Sex, Westchester County and New York State, 1976-2016.



Rates are per 100,000 persons.

Source: New York State Department of Health, New York State Cancer Registry. Data as of November 2018.

Early Stage Cancer Diagnoses

- Cancers can be diagnosed at any stage during their development. The earlier the diagnosis, the lower the chances that the cancer has begun to spread and the better a person's chances of benefiting from treatment and possibly being cured. 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.⁶ Examples of targeted screening tests include: mammography for breast cancer, pap test for cervical cancer, the prostate-specific antigen test for prostate cancer, and the fecal occult blood test and/or colonoscopy for colorectal cancer.
- Between 2012 and 2016, the percentages of Westchester County men and women diagnosed in the early stages of their cancer development were like most other surrounding counties, as well as New York State and New York State excluding New York City.

⁶ National Cancer Institute: Cancer Trends Progress Report 2017. Retrieved July 2019 from <http://progressreport.cancer.gov/index.asp>.

- Among Westchester County men, the cancers with the lowest rates of early diagnosis (2012-2016) were lung cancer (22.7%) and oral cancer, 25.7% (Table A). Melanoma of the skin and prostate cancer were the cancers with the highest rates of early diagnosis (80.9% and 77.8% respectively).

Table A. Percent of Cancers Diagnosed at an Early Stage among Males by Select County in New York State, 2012-2016 .

Region/Country	Males					
	Colorectal	Lung	Melanoma	Oral	Prostate	Testis
Westchester	40.8	22.7	80.9	25.7	77.8	72.9
Putnam	41.4	20.6	81.1	27.3	76.2	70.0*
Rockland	39.6	26.0	81.3	22.7	83.7	57.5
Suffolk	38.4	26.9	82.5	27.6	79.9	73.6
Nassau	41.5	28.1	84.0	35.1	82.4	68.7
New York City	39.9	22.8	82.1	26.2	78.3	67.8
Bronx	43.0	18.7	73.9	20.4	78.3	62.4
Kings (Brooklyn)	40.4	22.4	76.7	26.6	78.9	65.1
New York County (Manhattan)	36.8	26.5	87.5	28.5	74.5	72.5
Queens	39.5	22.8	80.7	26.4	80.0	66.7
Richmond (Staten Island)	40.4	23.4	82.7	30.4	81.6	71.9
New York State	40.5	22.4	82.0	27.4	78.9	69.3
New York State excl. NYC	40.8	22.2	82.0	28.0	79.3	70.1

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

*Percent should be used with caution.

¹Based on tumors with known stage at diagnosis.

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

- Among Westchester County women, the cancers with the lowest rates of early diagnosis were ovarian cancer (18.5%), lung cancer (29.3%), cervical cancer (46.0%), colorectal cancer (43.3%) and oral cancer (48.3%)Table B).
- The cancer with the highest rate of early stage diagnosis, for women, was melanoma (85.3%) followed by breast cancer (71.1%).

Table B. Percent of Cancers Diagnosed at an Early Stage¹ among Females by Select County in New York State, 2012-2016².

Region/Country	Females							
	Breast	Cervix	Colorectal	Lung	Melanoma	Oral	Uterus	Ovary
Westchester	71.1	46.0	43.3	29.3	85.3	48.3	69.1	18.5
Putnam	70.3	~	32.4	31.3	85.7	~	70.3	18.8
Rockland	68.8	40.0	39.6	27.6	86.7	50.8	69.2	25.7
Suffolk	67.2	42.2	38.7	32.0	87.3	48.8	68.7	15.9
Nassau	71.3	53.4	40.7	34.8	88.5	51.9	71.0	21.3
New York City	69.2	44.8	39.5	27.0	86.9	47.1	72.5	18.2
Bronx	61.6	43.3	41.7	25.5	82.9	43.5	61.6	19.4
Kings (Brooklyn)	60.2	44.2	39.1	28.2	83.1	37.6	59.0	15.6
New York County (Manhattan)	67.9	44.9	39.8	35.0	90.8	53.1	63.6	14.8
Queens	64.6	44.0	40.8	28.5	81.1	42.4	65.2	20.3
Richmond (Staten Island)	68.5	53.4	36.1	33.6	89.2	47.6	58.1	24.2
New York State	67.2	44.7	39.7	27.9	86.7	45.9	68.4	18.1
New York State excl. NYC	69.2	44.8	39.5	27.0	86.9	47.1	72.5	18.2

¹Early stage cancers are those which are confined to the organ of diagnosis by origin.

²Based on tumors with known stage at diagnosis.

*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.

- The percentage of women diagnosed with early stage melanoma, colorectal and lung cancer was comparable to their male counterparts. Oral cancer early stage detection however was much greater than that of men (48.3% vs. 25.7%).

Incidence of Childhood Cancers

- According to the National Cancer Institute,⁷ although pediatric cancers have declined by nearly 65.0% over the past four decades, cancer is still the leading cause of death among children. The most common types diagnosed in children between 0-14 years are: leukemia, brain and other central nervous system (CNS) tumors, and lymphomas. The causes of most child cancers are not known. About 5.0% of cancers are caused by an inherited mutation.
- The National Cancer Institute predicted that an estimated 11,060 new cases of cancer will be diagnosed among children from birth to 14 years, and about 1,190 children are expected to die from the disease in the United States in 2017.

Table C: Childhood Cancer Incidence by Selected Counties and New York State, 2012-2016.

Region/County	Combined Ages 0-19		
	Average Annual Cases	Rate	95% CI (+/-)
Westchester	57.2	228.3	26.9
Putnam	5.4	219.4	88.9
Rockland	24.2	247.5	45.2
Suffolk	88.4	232.2	22.0
Nassau	79.2	233.0	23.4
New York City	428.4	213.5	9.2
Bronx	90.0	219.0	20.5
Kings (Brooklyn)	141.2	212.1	16.0
New York County (Manhattan)	66.0	229.7	25.5
Queens	102.0	194.1	17.1
Richmond (Staten Island)	29.2	249.3	41.4
New York State	1030.0	213.9	5.8
New York State excl. NYC	600.2	213.5	7.7

Incidence data are provisional, November 2018.

Rates are per 1,000,000 children, 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/>.

⁷ <https://www.cancer.gov/types/childhood-cancers#treatment>
August 2017.

- Between 2012-2016, there was an annual average of 57.2 cases of newly diagnosed cancers among Westchester County children aged 19 or younger (Table C).
- During this time period, the average annual incidence rate of childhood cancers for Westchester County's children was similar to those of neighboring counties, the boroughs of New York City, or that of New York State or New York State excluding New York City.

Tables

Table 1. Average Annual Incidence Rates by Sex, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)	
	Males			Females			Males			Females			Males			Females			Male	Female
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	2,742.4	530.5	9.1	2,889.2	453.7	7.6	54,761.8	542.0	2.1	55,733.2	454.8	1.8	35,371.0	561.1	2.7	34,988.0	478.8	2.4	483.0	409.9
Oral Cavity and Pharynx	81.2	15.2	1.5	36.0	5.6	0.9	1,691.2	16.1	0.4	779.0	6.3	0.2	1,116.8	17.0	0.4	483.0	6.5	0.3	17.1	6.3
Esophagus	28.8	5.5	1.0	15.4	2.2	0.6	793.6	7.7	0.3	261.4	2.0	0.1	564.6	8.7	0.4	169.2	2.1	0.2	7.2	1.7
Stomach	56.4	11.1	1.4	43.6	6.3	0.9	1,192.8	12.1	0.4	788.2	6.2	0.2	640.6	10.3	0.4	376.8	5.0	0.3	9.8	5.2
Colorectal	217.8	42.8	2.6	218.2	32.3	2.0	4,558.6	46.0	0.6	4,444.0	35.0	0.4	2,782.2	45.0	0.8	2,688.4	35.2	0.6	45.2	34.5
Colon excluding Rectum	152.6	30.3	2.2	164.6	23.9	1.7	3,079.8	31.5	0.5	3,308.0	25.8	0.4	1,867.6	30.5	0.7	2,015.8	26.0	0.6	30.7	25.3
Rectum & Rectosigmoid	65.2	12.5	1.4	53.6	8.4	1.1	1,478.8	14.5	0.3	1,136.0	9.2	0.3	914.6	14.4	0.5	672.6	9.2	0.3	14.6	9.2
Liver / Intrahepatic Bile Duct	56.8	10.2	1.3	28.4	4.4	0.8	1,475.6	13.7	0.3	602.6	4.7	0.2	744.2	11.0	0.4	286.0	3.7	0.2	13.6	4.7
Pancreas	79.0	15.4	1.6	85.4	12.4	1.2	1,592.0	15.9	0.4	1,625.0	12.4	0.3	1,015.4	16.1	0.5	995.8	12.5	0.4	14.4	11.2
Larynx	25.8	4.9	0.9	5.4	0.8	0.4	624.2	6.0	0.2	160.2	1.3	0.1	395.4	6.0	0.3	103.0	1.4	0.2	5.2	1.1
Lung and Bronchus	272.4	53.5	2.9	324.8	47.6	2.4	6,827.0	69.1	0.8	6,911.4	54.1	0.6	4,648.0	74.5	1.0	4,801.8	62.2	0.8	63.8	47.8
Melanoma of the Skin	141.6	27.7	2.1	98.2	15.6	1.5	2,304.4	23.3	0.4	1,732.4	14.6	0.3	1,800.4	29.2	0.6	1,307.8	19.0	0.4	29.8	17.7
Female Breast	--	--	--	878.4	142.0	4.4	--	--	--	15,765.2	131.3	0.9	--	--	--	9,876.8	138.1	1.3	--	126.0
Cervix Uteri	--	--	--	36.0	6.4	1.0	--	--	--	844.0	7.7	0.3	--	--	--	417.0	6.7	0.4	--	7.4
Corpus Uterus and NOS Ovary*	--	--	--	199.0	30.6	2.0	--	--	--	3,981.0	31.5	0.4	--	--	--	2,420.2	31.9	0.6	--	26.0
Ovary*	--	--	--	79.4	12.7	1.4	--	--	--	1,507.4	12.4	0.3	--	--	--	918.0	12.6	0.4	--	11.6*
Prostate	749.6	138.7	4.6	--	--	--	14,076.4	131.7	1.0	--	--	--	8,727.4	129.8	1.3	--	--	--	112.6	--
Testis	26.2	6.0	1.1	--	--	--	559.6	5.9	0.2	--	--	--	356.8	6.9	0.4	--	--	--	5.7	--
Urinary Bladder (incl. in situ)	201.6	40.0	2.6	72.8	10.4	1.1	3,948.2	41.1	0.6	1,382.0	10.6	0.3	2,854.0	46.9	0.8	980.8	12.5	0.4	34.3	8.3
Kidney and Renal Pelvis	118.6	22.7	1.9	56.4	8.8	1.1	2,385.4	23.2	0.4	1,338.8	10.9	0.3	1,589.0	25.0	0.6	875.2	11.9	0.4	21.7	10.9
Brain and Other Nervous System	37.4	7.5	1.1	33.0	5.5	0.9	765.6	7.7	0.3	635.6	5.6	0.2	499.8	8.3	0.4	404.6	6.2	0.3	7.5	5.4
Thyroid	64.0	12.8	1.5	158.2	29.8	2.2	1,033.8	10.3	0.3	3,118.8	29.0	0.4	622.6	10.3	0.4	1,716.6	28.6	0.6	7.3	21.4
Hodgkin Lymphoma	19.8	4.3	0.9	15.6	3.1	0.8	356.4	3.7	0.2	300.0	2.9	0.2	210.0	3.7	0.3	169.8	2.9	0.3	2.9	2.2
Non-Hodgkin Lymphomas	144.6	28.3	2.1	128.6	20.0	1.7	2,610.2	26.5	0.5	2,206.6	17.8	0.4	1,674.2	27.4	0.6	1,377.8	18.4	0.4	23.6	15.9
Multiple Myeloma	58.8	11.5	1.4	40.0	5.9	0.9	992.6	9.9	0.3	844.2	6.6	0.2	582.4	9.3	0.4	471.6	6.1	0.3	8.4	5.3
Leukemias	120.8	24.1	2.0	90.8	13.9	1.4	2,064.8	21.2	0.4	1,551.8	12.7	0.3	1,402.6	23.2	0.6	1,004.8	13.7	0.4	17.6	10.8

(continue)

Table 1. Average Annual Incidence Rates by Sex, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	Males			Females			Males			Females			Males			Females			Males	Females
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant	2,765.6	522.6	8.9	2,921.4	451.7	7.6	55,138.4	531.6	2.0	56,388.6	452.4	1.7	35,626.6	555.4	2.7	35,345.8	479.3	2.4	481.0	417.1
Oral Cavity and Pharynx	79.2	14.5	1.5	37.8	5.7	0.9	1,748.2	16.3	0.4	810.0	6.4	0.2	1,160.6	17.5	0.4	505.8	6.7	0.3	17.0	6.4
Esophagus	31.4	5.8	1.0	14.8	2.1	0.5	809.4	7.7	0.2	263.0	2.0	0.1	580.0	8.8	0.4	168.6	2.1	0.2	7.3	1.8
Stomach	60.0	11.6	1.4	44.4	6.4	0.9	1,219.0	12.0	0.3	802.0	6.3	0.2	642.2	10.1	0.4	382.6	5.0	0.3	10.0	5.3
Colorectal	219.2	42.0	2.6	210.6	30.7	2.0	4,585.0	45.0	0.6	4,396.2	34.0	0.4	2,785.2	44.3	0.8	2,654.4	34.5	0.6	44.2	33.9
Colon excluding Rectum	150.2	29.1	2.2	156.0	22.3	1.6	3,094.4	30.7	0.5	3,276.0	25.1	0.4	1,871.4	30.1	0.7	1,995.4	25.6	0.5	29.9	24.8
Rectum & Rectosigmoid	69.0	12.9	1.4	54.6	8.5	1.1	1,490.6	14.3	0.3	1,120.2	8.9	0.3	913.8	14.2	0.4	659.0	8.9	0.3	14.3	9.1
Liver / Intrahepatic Bile	61.8	10.9	1.3	29.4	4.4	0.8	1,547.4	14.0	0.4	623.6	4.7	0.2	791.8	11.5	0.4	301.0	3.9	0.2	13.6	4.7
Pancreas	80.8	15.2	1.6	83.2	11.8	1.2	1,637.0	15.9	0.4	1,657.4	12.4	0.3	1,048.6	16.4	0.5	1,021.8	12.8	0.4	14.6	11.5
Larynx	26.4	5.0	0.9	5.2	0.8	0.3	620.6	5.8	0.2	159.0	1.2	1.0	390.6	5.9	0.3	104.2	1.4	0.2	5.2	1.1
Lung and Bronchus	268.8	51.6	2.9	322.2	46.3	2.4	6,823.8	67.0	0.7	6,979.2	53.2	0.5	4,656.0	73.2	1.0	4,849.0	61.8	0.8	63.0	48.9
Melanoma of the Skin	141.2	26.9	2.1	98.2	15.2	1.4	2,351.4	23.2	0.4	1,752.8	14.6	0.4	1,846.6	29.4	0.7	1,332.4	19.3	0.5	28.8	17.5
Female Breast	--	--	--	886.4	141.4	4.3	--	--	--	15,931.6	130.7	0.9	--	--	--	9,952.2	138.1	1.3	--	127.5
Cervix Uteri	--	--	--	36.4	6.4	1.0	--	--	--	855.0	7.7	0.3	--	--	--	422.0	6.9	0.3	--	7.3
Corpus Uteri and NOS	--	--	--	202.0	30.3	1.9	--	--	--	4,089.8	31.7	0.5	--	--	--	2,481.4	32.4	0.6	--	27.5
Ovary*	--	--	--	81.4	12.9	1.4	--	--	--	1,495.4	12.1	0.3	--	--	--	912.0	12.5	0.4	--	11.4*
Prostate	734.6	132.1	4.4	--	--	--	13,766.6	125.0	1.0	--	--	--	8,543.6	124.2	1.2	--	--	--	109.5	--
Testis	27.0	6.2	1.1	--	--	--	563.4	5.9	0.2	--	--	--	358.8	6.9	0.3	--	--	--	5.9	--
Urinary Bladder (incl. in	203.4	39.5	2.5	74.4	10.5	1.2	3,988.4	40.3	0.5	1,382.0	10.3	0.3	2,877.8	46.4	0.8	984.2	12.3	0.4	35.2	8.7
Kidney and Renal Pelvis	120.0	22.6	1.9	59.8	9.3	1.1	2,444.6	23.3	0.4	1,359.0	10.8	0.3	1,624.6	25.2	0.5	883.8	11.9	0.4	22.1	10.9
Brain and Other Nervous	37.2	7.4	1.1	32.2	5.3	0.9	785.2	7.8	0.3	636.4	5.6	0.2	506.8	8.3	0.4	401.6	6.0	0.3	7.5	5.4
System																				
Thyroid	63.6	12.5	1.5	159.0	29.9	2.2	1,047.4	10.3	0.3	3,137.6	29.1	0.5	618.6	10.2	0.4	1,701.0	28.4	0.7	8.0	23.3
Hodgkin Lymphoma	18.4	3.9	0.9	17.2	3.3	0.8	348.8	3.6	0.2	310.2	3.0	0.2	205.8	3.7	0.3	175.8	3.0	0.2	3.0	2.3
Non-Hodgkin Lymphomas	146.4	28.4	2.1	132.0	20.0	1.6	2,644.8	26.2	0.4	2,263.4	17.9	0.4	1,691.4	27.2	0.6	1,424.0	18.8	0.5	23.9	16.2
Multiple Myeloma	59.2	11.3	1.4	46.8	6.9	1.0	1,037.0	10.1	0.3	866.2	6.7	0.2	610.2	9.6	0.4	484.6	6.2	0.3	8.7	5.6
Leukemias	130.2	25.3	2.0	89.4	13.5	1.4	2,142.8	21.5	0.4	1,581.4	12.7	0.3	1,451.2	23.6	0.5	1,020.4	13.7	0.4	18.1	10.9

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

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

* At the national level, ovary excludes borderline cases or histologies 8442, 8451, 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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Incidence Rates Among White and Black Males, Westchester County, New York State and the United States, 2011–2015 and 2012–2016.

	Westchester County (2011–2015)						New York State (2011–2015)						New York State excluding New York City (2011–2015)						United States (2011–2015)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	2,249.4	532.1	10.1	369.6	556.1	26.5	43,485.0	549.6	2.4	7,836.0	550.5	5.7	32,063.6	565.5	2.8	2,488.2	580.6	10.9	488.5	535
Oral Cavity and Pharynx	70.0	16.1	1.8	7.8	11.6	4.0	1,371.4	16.8	0.4	182.4	12.0	0.8	1,037.4	17.7	0.5	53.0	11.5	1.5	18.0	14.0
Esophagus	21.8	5.0	1.0	6.2	9.5	3.6	664.4	8.2	0.3	89.0	6.7	0.7	528.0	9.0	0.4	29.4	7.3	1.3	7.7	6.4
Stomach	43.4	10.4	1.5	9.2	15.6	4.9	821.6	10.6	0.4	203.6	15.6	1.1	553.2	9.9	0.4	63.0	15.9	1.9	8.9	13.6
Colorectal	173.8	41.8	2.9	32.0	49.3	8.1	3,534.8	45.4	0.7	684.0	50.1	1.8	2,500.6	44.9	0.8	207.2	49.3	3.2	44.4	55.5
Colon excluding Rectum	122.6	29.7	2.5	22.0	34.2	6.8	2,392.8	31.0	0.6	480.0	36.0	1.6	1,675.8	30.4	0.7	145.2	35.3	2.8	30.1	40.2
Rectum & Rectosigmoid	51.2	12.1	1.6	10.0	15.0	4.5	1,142.0	14.4	0.4	204.0	14.1	0.9	824.8	14.5	0.5	62.0	14.0	1.7	14.2	15.3
Liver / Intrahepatic Bile Duct	45.6	10.0	1.4	8.8	11.8	3.8	988.2	11.8	0.4	287.8	18.4	1.0	627.4	10.4	0.4	84.2	17.2	1.7	12.2	17.3
Pancreas	67.8	15.8	1.8	9.2	14.8	4.6	1,295.0	16.4	0.4	224.0	16.3	1.0	927.6	16.3	0.5	68.6	16.6	1.9	14.4	16.9
Larynx	21.2	4.9	1.0	4.0	6.1	3.0	498.0	6.1	0.3	97.6	6.9	0.7	359.2	6.1	0.3	31.4	7.5	1.3	5.3	8.3
Lung and Bronchus	226.0	53.5	3.2	37.0	60.1	9.2	5,583.2	71.1	0.9	854.6	64.2	2.0	4,262.2	75.3	1.1	317.0	79.8	4.2	63.9	81.2
Melanoma of the Skin	135.8	32.5	2.5	0.8	0.9	1.1	2,223.6	28.6	0.5	16.2	1.2	0.3	1,760.4	31.7	0.7	5.4	1.3	0.6	35.2	1.1
Prostate	556.6	125.9	4.7	154.0	224.0	16.5	10,153.8	121.2	1.1	3,081.8	208.3	3.5	7,563.0	124.7	1.3	940.4	210.6	6.3	105.7	178.3
Testis	24.6	7.5	1.4	0.6	0.7	1.1	498.4	7.3	0.3	29.2	1.7	0.3	338.2	7.8	0.4	7.8	1.5	0.5	6.8	1.5
Urinary Bladder (incl. in situ)	184.4	43.7	2.9	11.2	19.6	5.5	3,559.4	46.1	0.6	240.2	19.4	1.2	2,732.4	49.3	0.9	84.6	23.3	2.4	37.6	20.6
Kidney and Renal Pelvis	98.8	23.3	2.2	15.4	22.8	5.5	1,928.2	24.2	0.5	324.6	21.9	1.1	1,439.0	25.3	0.6	119.2	26.6	2.3	22.2	25.3
Brain and Other Nervous System	32.0	7.9	1.3	3.6	5.0	2.6	643.0	8.5	0.4	75.2	4.8	0.5	465.4	8.8	0.4	22.8	4.3	0.9	8.3	4.8
Thyroid	55.6	14.1	1.8	3.8	5.5	2.7	847.8	11.2	0.4	66.6	4.4	0.5	573.6	10.9	0.4	24.0	5.0	1.0	7.8	3.8
Hodgkin Lymphoma	16.2	4.5	1.1	3.0	4.0	2.3	276.4	3.9	0.2	59.6	3.6	0.4	185.4	3.9	0.3	19.0	3.5	0.8	3.3	3.1
Non-Hodgkin Lymphomas	122.6	29.4	2.4	14.2	20.3	5.1	2,164.6	28.1	0.5	278.6	19.1	1.1	1,544.6	28.1	0.7	83.4	18.9	2.0	24.7	17.5
Multiple Myeloma	47.2	11.2	1.5	10.2	15.9	4.7	713.0	9.0	0.3	224.8	16.6	1.0	497.4	8.8	0.4	69.8	17.1	1.9	7.9	15.9
Leukemias	104.0	25.5	2.3	9.2	13.8	4.3	1,749.0	23.0	0.5	185.4	13.3	1.0	1,294.2	23.9	0.6	64.0	15.7	1.9	18.6	14.0

(continue)

Table 2. Average Annual Incidence Rates Among White and Black Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	2,266.4	525.8	9.9	371.2	542.5	25.8	43,605.8	539.7	2.3	7,855.6	532.9	5.6	32,247.4	560.0	2.8	2,503.6	569.5	10.6	486.0	520.8
Oral Cavity and Pharynx	66.4	15.0	1.7	8.0	12.0	4.1	1,420.2	17.1	0.4	182.0	11.8	0.8	1,078.4	18.2	0.5	52.8	11.4	1.5	17.9	13.4
Esophagus	24.2	5.4	1.0	6.2	9.3	3.6	680.8	8.2	0.3	86.8	6.4	0.7	543.6	9.1	0.4	28.4	7.0	1.3	7.9	6.4
Stomach	46.8	11.1	1.5	9.0	14.6	4.6	828.6	10.4	0.3	210.8	15.5	1.0	552.4	9.7	0.4	63.0	15.5	1.9	8.9	14.1
Colorectal	175.6	41.3	2.8	31.8	48.2	8.0	3,538.2	44.5	0.7	692.0	49.0	1.7	2,504.8	44.3	0.8	205.6	48.0	3.2	43.1	52.4
Colon excluding Rectum	120.8	28.6	2.4	21.2	32.7	6.7	2,393.6	30.4	0.5	481.2	34.7	1.5	1,680.4	30.0	0.7	143.6	34.2	2.7	29.4	37.5
Rectum & Rectosigmoid	54.8	12.7	1.6	10.6	15.5	4.5	1,144.6	14.2	0.4	210.8	14.2	0.9	824.4	14.3	0.5	62.0	13.8	1.7	14.0	14.9
Liver / Intrahepatic Bile Duct	48.6	10.6	1.4	10.6	13.3	3.9	1,037.6	12.1	0.4	302.2	18.7	0.9	666.8	10.9	0.4	91.6	18.5	1.8	12.2	17.8
Pancreas	69.8	15.9	1.8	8.4	12.8	4.2	1,320.6	16.4	0.4	230.0	16.1	1.0	957.2	16.6	0.5	69.8	16.6	1.9	14.8	16.7
Larynx	21.8	5.0	1.0	4.2	6.6	3.1	494.2	5.9	0.3	96.0	6.6	0.7	354.8	5.9	0.3	31.0	7.3	1.3	5.2	7.6
Lung and Bronchus	220.4	51.1	3.1	38.2	60.7	9.1	5,547.8	68.9	0.8	853.4	61.4	1.9	4,253.4	73.8	1.0	323.8	79.7	4.2	63.5	73.5
Melanoma of the Skin	135.0	31.6	2.5	1.0	1.1	1.2	2,270.2	28.7	0.5	15.0	1.1	0.3	1,804.4	32.1	0.7	5.6	1.2	0.5	33.9	1.1
Prostate	548.2	120.6	4.7	147.6	207.3	15.6	9,858.8	114.7	1.1	3,018.6	196.7	3.3	7,379.4	119.0	1.3	928.6	201.5	6.1	101.9	176.7
Testis	25.6	7.9	1.5	0.6	0.8	1.1	499.0	7.3	0.3	30.8	1.8	0.3	341.0	7.9	0.4	8.0	1.4	0.5	7.0	1.6
Urinary Bladder (incl. in situ)	186.2	43.5	5.7	10.6	18.2	5.3	3,594.0	45.5	0.7	236.8	18.4	1.1	2,757.2	48.8	0.9	79.4	21.2	2.2	38.5	19.7
Kidney and Renal Pelvis	98.4	23.1	2.1	16.8	23.2	5.3	1,962.4	24.2	0.5	340.6	22.2	1.1	1,466.0	25.4	0.6	124.8	26.9	2.3	22.8	24.3
Brain and Other Nervous System	31.4	7.8	1.3	3.6	5.0	2.6	656.6	8.6	0.3	79.2	4.9	0.6	472.2	8.9	0.4	22.6	4.3	0.9	8.3	4.7
Thyroid	56.2	14.1	1.8	3.6	4.8	2.4	855.4	11.2	0.3	65.4	4.2	0.5	571.6	10.8	0.5	23.6	4.9	1.0	8.6	4.0
Hodgkin Lymphoma	14.8	4.1	1.0	2.8	3.8	2.2	272.0	3.8	0.2	54.4	3.3	0.4	182.8	3.8	0.3	17.2	3.3	0.8	3.1	3.1
Non-Hodgkin Lymphomas	124.6	29.6	2.4	14.4	20.9	5.2	2,191.4	27.9	0.6	277.8	18.5	1.1	1,562.8	28.0	0.7	82.0	18.3	1.9	25.0	17.7
Multiple Myeloma	45.8	10.7	1.5	11.6	17.6	4.9	735.8	9.1	0.3	239.0	17.1	1.0	514.4	8.9	0.4	79.8	19.2	2.0	8.1	16.3
Leukemias	113.2	27.0	2.3	10.2	15.6	4.7	1,798.8	23.1	0.5	194.4	13.7	0.9	1,332.2	24.2	0.6	66.4	16.2	1.9	19.1	13.9

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

Rates based on fewer than 4 cases or 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 <http://www.health.state.ny.us/cancer/registry/> Data as of November 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Incidence Rates Among White and Black Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	2,383.6	473.8	8.9	362.2	377.4	17.8	44,140.0	475.6	2.1	7,962.4	392.8	4.0	31,847.8	489.8	2.5	2,218.6	403.8	7.7	423.1	397.8
Oral Cavity and Pharynx	31.4	6.1	1.1	2.8	3.0	1.8	608.6	6.4	0.2	96.6	4.7	0.5	442.8	6.6	0.3	23.8	4.2	0.8	6.5	5.1
Esophagus	11.2	1.9	0.6	3.8	3.9	1.9	206.4	2.0	0.2	43.2	2.1	0.3	152.8	2.1	0.2	12.8	2.3	0.6	1.7	2.2
Stomach	31.4	5.6	1.0	10.2	10.6	3.1	511.2	5.2	0.3	177.2	8.9	0.6	310.4	4.6	0.3	47.2	9.1	1.2	4.5	7.7
Colorectal	179.6	33.3	2.3	31.8	32.3	5.2	3,424.8	34.9	0.6	733.4	36.2	1.2	2,426.2	35.3	0.6	196.2	36.1	2.3	34.0	41.9
Colon excluding Rectum	136.8	24.7	2.0	23.0	23.2	4.5	2,561.2	25.7	0.5	547.2	27.1	1.1	1,827.0	26.2	0.5	144.8	26.9	2.0	24.9	32.0
Rectum & Rectosigmoid	42.8	8.6	1.3	8.8	9.0	2.9	863.6	9.2	0.3	186.2	9.1	0.6	599.2	9.2	0.4	51.4	9.3	1.2	9.1	9.9
Liver / Intrahepatic Bile Duct	20.2	3.8	0.8	5.4	5.6	2.3	406.0	4.1	0.2	121.2	5.8	0.5	240.8	3.5	0.2	27.6	4.9	0.9	4.3	5.1
Pancreas	69.6	12.4	1.4	12.8	13.6	3.5	1,265.8	12.4	0.4	282.6	14.2	0.8	897.0	12.5	0.4	80.8	15.3	1.6	11.1	14.3
Larynx	5.0	1.0	0.5	0.2	0.2	0.6	126.8	1.3	0.1	29.0	1.4	0.3	94.0	1.4	0.1	7.8	1.4	0.5	1.1	1.5
Lung and Bronchus	282.2	51.2	2.8	35.4	36.4	5.6	5,809.0	58.9	0.7	813.2	39.9	1.3	4,479.8	64.5	0.9	254.6	46.3	2.6	50.2	47.9
Melanoma of the Skin	92.8	18.9	1.9	1.2	1.1	1.1	1,648.6	18.8	0.4	19.8	1.0	0.2	1,269.8	21.2	0.5	6.2	1.1	0.4	21.5	1.0
Female Breast	717.8	148.7	5.1	112.4	116.7	9.9	12,313.6	136.5	1.1	2,397.2	118.1	2.2	8,916.0	140.5	1.4	672.8	121.5	4.2	128.6	126.9
Cervix Uteri	24.6	5.9	1.2	8.8	9.5	3.0	541.4	6.9	0.3	203.0	10.2	0.7	346.8	6.6	0.4	50.6	9.2	1.2	7.4	8.4
Corpus Uteri and NOS	163.4	31.8	2.3	27.8	28.7	5.0	3,083.6	32.4	0.5	658.6	31.3	1.1	2,209.4	32.8	0.6	153.0	27.2	2.0	26.6	25.4
Ovary*	67.2	13.7	1.6	8.0	8.4	2.8	1,197.6	13.0	0.4	196.2	9.6	0.7	839.2	13.0	0.4	51.8	9.2	1.2	12.1*	9.3*
Urinary Bladder (incl. in situ)	65.6	11.4	1.3	5.2	5.6	2.3	1,215.0	12.0	0.3	121.2	6.1	0.5	931.6	13.1	0.4	37.0	7.2	1.1	8.9	6.7
Kidney and Renal Pelvis	46.8	9.2	1.3	7.2	7.7	2.7	1,070.4	11.5	0.3	202.8	10.0	0.6	795.8	12.2	0.4	63.4	11.6	1.3	11.3	12.8
Brain and Other Nervous System	27.8	5.7	1.1	2.2	2.3	1.6	529.8	6.4	0.3	63.6	3.2	0.4	373.8	6.5	0.4	19.6	3.5	0.7	6.0	3.5
Thyroid	126.6	32.0	2.7	14.6	15.8	3.8	2,346.0	30.8	0.6	334.0	16.6	0.8	1,526.8	29.9	0.7	98.2	17.5	1.6	22.8	13.4
Hodgkin Lymphoma	13.2	3.5	0.9	1.4	1.6	1.4	229.6	3.1	0.2	55.6	2.8	0.4	148.6	3.1	0.3	17.4	3.0	0.7	2.4	2.2
Non-Hodgkin Lymphomas	108.0	21.2	1.9	12.0	12.2	3.3	1,810.8	19.0	0.4	267.6	13.2	0.7	1,272.8	19.0	0.5	68.2	12.3	1.4	16.8	12.1
Multiple Myeloma	27.4	4.9	0.9	11.6	12.5	3.4	566.6	5.7	0.2	241.8	12.0	0.6	395.0	5.6	0.3	66.4	12.5	1.4	4.7	11.6
Leukemias	75.2	14.4	1.6	8.8	9.4	3.0	1,280.4	13.7	0.4	172.8	8.7	0.6	920.0	14.1	0.4	50.6	9.1	1.2	11.4	9.0

(continue)

Table 3. Average Annual Incidence Rates Among White and Black Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Rate	Rate
All Invasive Malignant Tumors	2,393.2	469.9	8.8	380.4	387.8	17.8	44,380.6	472.9	2.1	8,116.6	390.0	3.8	32,069.8	490.0	2.5	2,292.6	408.0	7.6	430.9	391.3
Oral Cavity and Pharynx	32.4	6.0	1.0	3.4	3.7	1.9	631.8	6.6	0.3	102.2	4.9	0.4	460.8	6.8	0.3	27.6	4.8	0.9	6.6	5.0
Esophagus	11.0	1.9	0.6	3.8	3.8	1.9	208.2	2.0	0.1	43.4	2.0	0.3	153.6	2.1	0.2	12.8	2.4	0.6	1.8	2.1
Stomach	31.0	5.6	1.0	10.4	10.8	3.1	516.0	5.3	0.2	176.8	8.6	0.6	312.6	4.6	0.2	48.4	9.0	1.2	4.6	7.7
Colorectal	174.2	32.0	2.3	29.4	29.0	4.9	3,363.6	34.0	0.6	733.2	35.1	1.2	2,390.8	34.7	0.6	193.2	34.5	2.3	33.6	39.1
Colon excluding Rectum	130.0	23.2	1.9	21.0	20.7	4.2	2,522.2	25.1	0.4	545.6	26.2	1.0	1,806.6	25.8	0.6	141.6	25.4	2.0	24.6	29.5
Rectum & Rectosigmoid	44.2	8.9	1.3	8.4	8.3	2.7	841.4	8.9	0.3	187.6	8.9	0.6	584.2	8.9	0.4	51.6	9.1	1.2	8.9	9.5
Liver / Intrahepatic Bile Duct	21.8	4.1	0.8	5.2	5.4	2.2	418.0	4.2	0.2	123.4	5.7	0.5	250.4	3.6	0.2	32.0	5.5	0.9	4.3	5.4
Pancreas	68.6	12.0	1.4	11.8	12.3	3.4	1,289.4	12.4	0.4	284.4	13.8	0.8	919.8	12.7	0.4	82.6	15.2	1.5	11.4	14.0
Larynx	4.8	0.9	0.4	0.2	0.2	0.6	125.6	1.3	0.1	28.2	1.3	0.2	93.0	1.4	0.2	8.6	1.4	0.5	1.2	1.5
Lung and Bronchus	279.0	49.8	2.8	35.6	35.7	5.5	5,844.4	58.1	0.7	816.6	38.8	2.4	4,512.2	64.0	0.9	262.2	46.7	2.6	51.8	44.6
Melanoma of the Skin	92.0	18.3	1.8	1.2	1.1	1.1	1,663.0	18.8	0.4	19.0	0.9	0.2	1,288.0	21.4	0.6	6.2	1.1	0.5	21.3	0.9
Female Breast	717.8	147.2	5.1	119.6	121.3	10.0	12,369.0	135.9	1.1	2,439.0	117.5	2.2	8,955.2	140.4	1.4	695.2	122.9	4.2	130.5	124.0
Cervix Uteri	25.2	6.0	1.2	8.4	8.8	2.9	549.2	7.0	0.3	202.8	10.0	0.6	351.4	6.7	0.4	50.8	8.9	1.2	7.2	8.7
Corpus Uterus and NOS Ovary*	162.0	30.9	2.2	31.2	31.0	5.1	3,131.2	32.4	0.6	694.6	32.1	1.1	2,254.2	33.2	0.6	164.4	28.7	2.0	28.1	27.4
Urinary Bladder (incl. in situ)	69.0	14.0	1.6	8.2	8.2	2.7	1,182.2	12.8	0.4	197.8	9.4	0.6	831.0	12.9	0.4	52.2	9.0	1.2	11.9*	9.2*
Kidney and Renal Pelvis	66.0	11.5	1.3	6.6	6.9	2.6	1,211.4	11.7	0.3	123.4	6.0	0.5	932.4	12.9	0.4	39.6	7.5	1.1	9.5	6.6
Brain and Other Nervous System	48.0	9.4	1.3	8.6	9.1	2.9	1,075.8	11.4	0.3	212.0	10.2	0.6	799.6	12.1	0.4	66.2	11.9	1.4	11.3	12.1
Thyroid	27.2	5.6	1.1	2.2	2.3	1.5	531.2	6.3	0.3	61.4	3.1	0.4	371.0	6.4	0.3	19.0	3.3	0.7	6.0	3.3
Hodgkin Lymphoma	124.8	31.6	2.6	16.6	17.8	4.0	2,329.0	30.6	0.5	333.4	16.4	0.9	1,504.0	29.7	0.7	97.6	17.1	1.6	24.5	14.3
Non-Hodgkin Lymphomas	14.8	3.8	1.0	1.4	1.6	1.4	236.8	3.2	0.2	56.4	2.9	0.4	152.8	3.1	0.3	18.4	3.2	0.7	2.5	2.3
Multiple Myeloma	109.6	20.9	1.9	14.4	14.3	3.5	1,850.6	19.2	0.4	275.8	13.4	0.8	1,314.2	19.4	0.5	72.4	12.8	1.4	17.0	12.4
Leukemias	32.0	5.8	1.0	13.2	13.7	3.5	575.8	5.8	0.3	249.2	12.0	0.7	406.4	5.8	0.3	67.4	12.2	1.4	4.9	11.9
	73.6	13.9	1.6	9.6	10.1	3.1	1,291.8	13.6	0.4	185.2	9.1	0.6	931.4	14.1	0.4	53.6	9.5	1.2	11.5	8.9

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

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

* At the national level, ovary excludes borderline cases or histologies 8442, 8451, 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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Incidence Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	2,494.6	553.3	9.9	247.8	398.7	25.0	49,747.2	557.1	2.3	5,014.6	429.5	5.7	34,104.0	570.7	2.8	1,267.0	399.9	11.1	362.9
Oral Cavity and Pharynx	74.8	16.3	1.8	6.4	9.1	3.7	1,535.0	16.7	0.4	156.2	12.6	1.0	1,080.0	17.4	0.4	36.8	11.1	1.8	9.6
Esophagus	27.0	5.9	1.1	1.8	2.6	1.9	731.2	8.0	0.3	62.4	5.6	0.7	548.8	8.9	0.4	15.8	5.1	1.3	4.7
Stomach	47.6	10.6	1.4	8.8	14.1	4.9	1,025.6	11.6	0.4	167.2	15.1	1.1	592.0	10.0	0.4	48.6	15.5	2.3	12.8
Colorectal	193.2	43.8	2.9	24.6	37.7	7.7	4,080.0	46.6	0.7	478.6	42.4	1.9	2,662.0	45.5	0.8	120.2	38.3	3.5	39.7
Colon excluding Rectum	137.0	31.1	2.4	15.6	25.7	6.6	2,762.0	31.8	0.5	317.8	29.1	1.6	1,790.0	30.9	0.7	77.6	26.1	2.9	26.3
Rectum & Rectosigmoid	56.2	12.7	1.6	9.0	12.1	4.1	1,318.0	14.7	0.4	160.8	13.3	1.0	872.0	14.6	0.5	42.6	12.2	1.9	13.3
Liver / Intrahepatic Bile Duct	48.6	10.0	1.3	8.2	12.1	4.2	1,206.8	12.8	0.4	268.8	21.8	1.3	692.6	10.8	0.4	51.6	15.2	2.1	19.8
Pancreas	73.4	16.0	1.7	5.6	9.1	3.9	1,454.2	16.3	0.4	137.8	12.5	1.0	979.6	16.3	0.5	35.8	11.9	2.0	12.0
Larynx	23.2	4.9	1.0	2.6	4.9	3.1	553.2	6.0	0.3	71.0	6.2	0.7	381.8	6.1	0.3	13.6	4.8	1.3	3.9
Lung and Bronchus	249.6	54.8	3.2	22.8	43.4	8.9	6,374.0	72.1	0.8	453.0	43.7	2.0	4,536.8	76.1	1.0	111.2	41.4	3.8	34.1
Melanoma of the Skin	139.6	31.4	2.4	2.0	3.9	2.9	2,262.2	26.0	0.4	42.2	3.7	0.5	1,782.4	30.6	0.7	18.0	6.1	1.5	5.1
Prostate	680.8	142.9	4.9	68.8	110.8	13.0	12,622.8	132.8	1.1	1,453.6	124.8	3.1	8,401.2	131.1	1.3	326.2	131.1	5.7	91.8
Testis	21.4	6.9	1.4	4.8	3.7	1.7	491.8	6.5	0.3	67.8	3.4	0.4	336.0	7.4	0.4	20.8	7.4	0.6	5.3
Urinary Bladder (incl. in situ)	190.0	42.1	2.8	11.6	23.2	6.6	3,736.8	43.3	0.6	211.4	21.9	1.4	2,789.0	47.9	0.8	65.0	47.9	3.2	18.9
Kidney and Renal Pelvis	106.2	23.6	2.1	12.4	20.1	5.7	2,174.0	24.2	0.5	211.4	16.6	1.1	1,527.2	25.5	0.6	61.8	25.5	2.2	20.7
Brain and Other Nervous System	33.4	8.1	1.4	4.0	4.7	2.6	682.6	8.1	0.3	83.0	5.8	0.6	473.8	8.6	0.4	26.0	8.6	1.3	5.7
Thyroid	56.6	14.1	1.8	7.4	8.0	3.0	946.6	11.1	0.3	87.2	6.0	0.6	592.8	10.7	0.4	29.8	10.7	1.2	5.3
Hodgkin Lymphoma	17.4	4.9	1.1	2.4	2.8	2.0	300.8	3.8	0.2	55.6	3.4	0.5	195.2	3.9	0.3	14.8	3.9	0.9	2.5
Non-Hodgkin Lymphomas	129.2	29.3	2.4	15.4	23.6	6.2	2,345.2	27.1	0.5	265.0	21.2	1.3	1,602.8	27.8	0.6	71.4	27.8	2.5	20.2
Multiple Myeloma	53.6	11.8	1.5	5.2	8.2	3.7	884.6	9.9	0.3	108.0	9.8	0.9	557.2	9.3	0.4	25.2	9.3	1.7	7.6
Leukemias	109.4	25.2	2.2	11.4	19.3	5.8	1,891.4	22.1	0.5	173.4	13.8	1.0	1,350.6	23.7	0.6	52.0	23.7	2.1	12.8

(continue)

Table 4. Average Annual Incidence Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	2,504.8	545.6	9.9	260.8	390.5	23.8	50,015.2	547.4	2.2	5,123.2	416.1	5.5	34,292.4	564.9	2.8	1,334.2	400.5	10.9	370.4
Oral Cavity and Pharynx	72.4	15.6	1.7	6.8	8.8	3.5	1,587.0	17.0	0.4	161.2	12.4	0.9	1,118.6	17.9	0.5	42.0	12.3	1.9	10.1
Esophagus	29.6	6.3	1.1	1.8	2.8	2.1	745.6	8.0	0.3	63.8	5.5	0.7	562.4	9.0	0.5	17.6	5.9	1.4	4.9
Stomach	50.4	11.2	1.5	9.6	14.3	4.7	1,043.8	11.5	0.4	175.2	14.8	1.1	590.6	9.8	0.4	51.6	15.1	2.1	13.0
Colorectal	192.2	42.9	2.8	27.0	37.8	7.3	4,090.4	45.6	0.6	494.6	41.2	1.8	2,664.6	44.9	0.8	120.6	35.8	3.3	40.0
Colon excluding Rectum	134.0	29.9	2.4	16.2	23.8	6.0	2,771.4	31.2	0.5	323.0	27.8	1.5	1,795.2	30.5	0.7	76.2	23.9	2.7	26.4
Rectum & Rectosigmoid	58.2	13.0	1.6	10.8	14.0	4.2	1,319.0	14.5	0.4	171.6	13.4	1.0	869.4	14.4	0.5	44.4	11.9	1.8	13.6
Liver / Intrahepatic Bile Duct	52.4	10.6	1.4	9.4	14.4	4.7	1,266.4	13.1	0.3	281.0	21.9	1.2	734.6	11.3	0.4	57.2	16.8	2.2	20.3
Pancreas	74.4	15.7	1.7	6.4	9.1	3.7	1,490.8	16.3	0.4	146.2	12.6	1.0	1,009.4	16.6	0.5	39.2	12.2	2.0	12.0
Larynx	23.0	4.8	1.0	3.4	6.4	3.4	548.4	5.8	0.3	72.2	6.1	0.7	375.0	5.9	0.3	15.6	5.2	1.3	4.2
Lung and Bronchus	246.4	52.9	3.0	22.4	40.3	8.3	6,363.2	70.1	0.8	460.6	41.8	1.8	4,540.2	74.7	1.0	115.8	41.3	3.7	35.2
Melanoma of the Skin	139.0	30.6	2.4	2.2	3.9	2.7	2,305.0	25.9	0.5	46.4	3.9	0.5	1,827.4	30.9	0.7	19.2	6.1	1.4	5.0
Prostate	666.2	136.4	4.8	68.4	104.3	12.2	12,348.4	126.4	1.0	1,418.2	115.4	2.8	8,213.2	125.5	1.3	330.4	103.1	5.5	93.4
Testis	21.8	7.0	1.4	5.2	4.0	1.8	490.6	6.4	0.3	72.8	3.6	0.4	335.4	7.4	0.4	23.4	3.3	0.7	5.2
Urinary Bladder (incl. in situ)	191.0	41.6	2.7	12.4	23.6	6.5	3,770.6	42.5	0.7	217.8	21.2	1.4	2,808.4	47.4	0.8	69.4	27.1	3.1	19.5
Kidney and Renal Pelvis	108.2	23.9	2.1	11.8	17.0	4.9	2,227.8	24.3	0.4	216.8	16.3	1.1	1,563.8	25.8	0.6	60.8	15.6	2.0	20.8
Brain and Other Nervous System	33.4	8.1	1.4	3.8	4.1	2.3	695.4	8.1	0.3	89.8	6.1	0.6	477.6	8.5	0.4	29.2	6.9	1.4	5.8
Thyroid	55.2	13.8	1.8	8.4	8.5	2.9	955.6	11.1	0.4	91.8	6.0	0.6	586.6	10.6	0.4	32.0	6.5	1.2	5.7
Hodgkin Lymphoma	16.2	4.5	1.0	2.2	2.8	2.1	296.0	3.7	0.2	52.8	3.2	0.4	191.8	3.8	0.3	14.0	3.0	0.9	2.7
Non-Hodgkin Lymphomas	131.2	29.7	2.4	15.2	21.2	5.5	2,371.0	26.9	0.5	273.8	21.2	1.3	1,617.8	27.6	0.7	73.6	20.7	2.5	20.0
Multiple Myeloma	52.8	11.4	1.5	6.4	8.6	3.5	916.2	10.1	0.3	120.8	10.4	0.9	580.0	9.5	0.4	30.2	9.4	1.7	8.2
Leukemias	117.6	26.4	2.3	12.6	19.6	5.6	1,958.8	22.4	0.5	184.0	13.9	1.0	1,391.6	24.0	0.6	59.6	15.5	2.1	13.0

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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2016 & 2012-2016 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/SJ/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Table 5. Average Annual Incidence Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	2,602.2	476.0	8.7	287.0	334.5	18.2	50,446.0	474.3	1.9	5,287.2	331.9	4.1	33,636.8	488.8	2.5	1,351.2	328.9	8.3	322.9
Oral Cavity and Pharynx	33.2	5.9	1.0	2.8	3.6	2.1	709.0	6.6	0.2	70.0	4.5	0.5	469.8	6.7	0.3	13.2	3.4	0.9	3.9
Esophagus	14.2	2.3	0.6	1.2	1.9	1.7	238.0	2.1	0.2	23.4	1.6	0.3	164.2	2.2	0.2	5.0	1.5	0.7	1.1
Stomach	36.2	5.7	0.9	7.4	8.8	3.1	657.0	5.9	0.2	131.2	8.5	0.6	343.2	4.7	0.3	33.6	8.7	1.4	8.3
Colorectal	197.4	33.2	2.2	20.8	25.1	5.2	4,023.2	36.1	0.5	420.8	27.4	1.2	2,596.2	35.9	0.6	92.2	24.2	2.4	28.6
Colon excluding Rectum	150.6	24.7	1.9	14.0	17.9	4.5	3,008.4	26.7	0.5	299.6	19.8	1.0	1,950.8	26.6	0.6	65.0	17.9	2.1	20.7
Rectum & Rectosigmoid	46.8	8.5	1.2	6.8	7.2	2.7	1,014.8	9.5	0.3	121.2	7.6	0.6	645.4	9.3	0.4	27.2	6.4	1.2	7.9
Liver / Intrahepatic Bile Duct	23.0	4.1	0.8	5.4	7.1	2.9	478.6	4.3	0.2	124.0	8.1	0.7	260.8	3.6	0.2	25.2	7.1	1.3	7.7
Pancreas	76.6	12.5	1.4	8.8	12.2	3.9	1,479.0	12.8	0.3	146.0	9.9	0.8	959.4	12.7	0.4	36.4	10.5	1.6	10.5
Larynx	5.2	0.9	0.4	0.2	0.2	0.6	142.8	1.3	0.1	17.4	1.0	0.3	100.6	1.4	0.1	2.4	0.5	0.4	0.5
Lung and Bronchus	303.0	50.0	2.6	21.8	29.9	5.9	6,517.0	57.9	0.6	394.4	26.3	1.2	4,700.2	63.9	0.8	101.6	29.0	2.7	23.2
Melanoma of the Skin	95.2	18.0	1.7	3.0	4.0	2.2	1,691.8	16.7	0.4	40.6	2.6	0.4	1,292.6	20.4	0.5	15.2	4.1	1.0	4.8
Female Breast	791.6	151.1	4.9	86.8	95.6	9.5	14,254.6	137.6	1.1	1,510.6	93.1	2.2	9,478.0	141.2	1.3	398.8	92.4	4.3	21.8
Cervix Uteri	28.4	6.2	1.2	7.6	8.0	2.8	692.4	7.5	0.3	151.6	9.0	0.7	377.2	6.6	0.3	39.8	8.2	1.2	8.9
Corpus Uterus and NOS	181.6	32.0	2.2	17.4	19.1	4.3	3,589.8	32.6	0.5	391.2	23.7	1.1	2,329.2	32.5	0.6	91.0	21.0	2.1	22.5
Ovary*	71.8	13.4	1.5	7.6	8.1	2.8	1,363.6	12.9	0.3	143.8	8.9	0.7	882.2	12.9	0.4	35.8	8.2	1.3	10.4*
Urinary Bladder (incl. in situ)	67.0	10.7	1.2	5.8	8.1	3.2	1,298.0	11.3	0.3	84.0	5.7	0.6	956.8	12.8	0.4	24.0	7.1	1.4	4.8
Kidney and Renal Pelvis	49.2	8.8	1.2	7.2	9.0	3.2	1,204.0	11.3	0.3	134.8	8.5	0.6	839.0	12.1	0.4	36.2	8.9	1.4	11.9
Brain and Other Nervous System	28.4	5.5	1.0	4.6	5.0	2.3	568.6	6.0	0.3	67.0	4.0	0.4	384.0	6.3	0.4	20.6	4.4	1.0	4.3
Thyroid	134.6	32.3	2.7	23.6	23.0	4.4	2,704.8	30.3	0.5	414.0	23.8	1.0	1,594.6	29.3	0.7	122.0	24.3	2.1	19.6
Hodgkin Lymphoma	13.4	3.4	0.9	2.2	2.1	1.4	256.2	3.0	0.2	43.8	2.5	0.3	159.0	3.1	0.2	10.8	2.2	0.7	1.9
Non-Hodgkin Lymphomas	113.2	20.4	1.8	15.4	18.9	4.5	1,963.4	18.1	0.4	243.2	15.4	0.9	1,311.4	18.5	0.4	66.4	17.2	2.0	15.3
Multiple Myeloma	35.6	6.1	1.0	4.4	5.7	2.6	739.8	6.6	0.2	104.4	7.0	0.6	449.4	6.1	0.3	22.2	6.2	1.2	5.0
Leukemias	81.4	14.3	1.5	9.4	10.5	3.3	1,397.2	13.1	0.3	154.6	9.6	0.7	960.6	13.9	0.4	44.2	10.2	1.5	8.8

(continue)

Table 5. Average Annual Incidence Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic
	Average		95% CI	Average		95% CI	Average		95% CI	Average		95% CI	Average		95% CI	Average		95% CI	Rate
	Annual	Rate	(+/-)	Annual	Rate	(+/-)	Annual	Rate	(+/-)	Annual	Rate	(+/-)	Annual	Rate	(+/-)	Annual	Rate	(+/-)	Rate
All Invasive Malignant Tumors	2,606.6	470.8	8.5	314.8	352.2	18.3	50,853.2	471.9	1.9	5,535.4	332.6	4.0	33,885.8	488.9	2.4	1,460.0	341.6	8.3	334.9
Oral Cavity and Pharynx	34.2	5.9	1.0	3.6	4.7	2.4	734.6	6.7	0.2	75.4	4.5	0.5	489.4	6.9	0.3	16.4	4.0	1.0	4.2
Esophagus	13.6	2.1	0.6	1.2	1.8	1.6	239.6	2.0	0.2	23.4	1.5	0.3	163.6	2.1	0.2	5.0	1.4	0.6	1.1
Stomach	35.8	5.7	0.9	8.6	10.0	3.3	663.4	5.9	0.2	138.6	8.6	0.7	346.8	4.8	0.2	35.8	9.2	1.4	8.5
Colorectal	188.8	31.5	2.2	21.8	24.8	5.0	3,965.6	35.2	0.5	430.6	26.5	1.2	2,557.8	35.2	0.6	96.6	24.0	2.3	28.8
Colon excluding Rectum	140.8	22.9	1.9	15.2	18.0	4.3	2,968.4	26.0	0.4	307.6	19.2	0.9	1,926.4	26.1	0.5	69.0	17.7	2.0	20.8
Rectum & Rectosigmoid	48.0	8.7	1.2	6.6	6.7	2.5	997.2	9.2	0.3	123.0	7.3	0.6	631.4	9.1	0.3	27.6	6.3	1.2	8.0
Liver / Intrahepatic Bile Duct	23.0	4.0	0.8	6.4	7.8	2.9	495.2	4.3	0.2	128.4	8.0	0.6	274.0	3.7	0.2	27.0	7.3	1.3	7.8
Pancreas	73.0	11.6	2.5	10.2	13.7	4.0	1,503.6	12.8	0.3	153.8	9.9	0.7	980.6	12.9	0.4	41.2	11.2	1.6	10.7
Larynx	4.6	0.8	0.4	0.6	0.6	0.8	140.0	1.2	0.1	19.0	1.1	0.2	101.6	1.4	0.1	2.6	0.6	0.4	0.6
Lung and Bronchus	301.4	48.8	2.6	20.8	26.6	5.4	6,570.0	57.1	0.6	409.2	25.8	1.2	4,744.4	63.6	0.8	104.6	28.3	2.6	24.8
Melanoma of the Skin	95.8	17.7	1.7	2.4	3.0	2.0	1,712.2	16.7	0.4	40.6	2.5	0.4	1,317.8	20.7	0.6	14.6	3.7	0.9	4.8
Female Breast	790.4	149.2	4.9	96.0	101.5	9.6	14,361.6	137.2	1.1	1,570.0	93.0	2.1	9,524.2	141.2	1.3	428.0	96.0	4.3	21.8
Cervix Uteri	27.4	6.0	1.1	9.0	9.1	2.9	696.6	7.5	0.3	158.4	9.1	0.7	379.4	6.7	0.4	42.6	8.6	1.3	9.3
Corpus Uterus and NOS	182.0	31.3	2.1	20.0	21.2	4.5	3,684.0	32.9	0.5	405.8	23.7	1.1	2,382.6	33.0	0.6	98.8	21.9	2.1	24.1
Ovary*	72.6	13.6	1.5	8.8	9.4	3.0	1,339.2	12.6	0.3	156.2	9.3	0.7	872.8	12.7	0.4	39.2	8.6	1.3	10.3*
Urinary Bladder (incl. in situ)	68.4	10.9	1.2	6.0	8.1	3.1	1,299.2	11.0	0.3	82.8	5.4	0.6	961.2	12.6	0.4	23.0	6.5	1.3	5.1
Kidney and Renal Pelvis	51.2	9.3	1.2	8.6	10.0	3.3	1,213.0	11.2	0.3	146.0	8.8	0.7	845.8	12.1	0.4	38.0	9.0	1.4	11.6
Brain and Other Nervous System	28.0	5.5	1.0	4.2	4.4	2.1	566.6	5.9	0.3	69.8	4.0	0.5	380.6	6.2	0.3	21.0	4.4	0.9	4.4
Thyroid	133.4	32.1	2.6	25.6	24.1	4.4	2,695.6	30.3	0.6	442.0	24.8	1.1	1,568.6	29.0	0.7	132.4	25.4	2.0	21.9
Hodgkin Lymphoma	14.4	3.5	0.9	2.8	2.5	1.6	262.6	3.1	0.2	47.6	2.6	0.4	162.6	3.1	0.3	13.2	2.7	0.8	2.1
Non-Hodgkin Lymphomas	117.2	20.7	1.8	14.8	17.8	4.4	2,013.0	18.3	0.4	250.4	15.1	0.9	1,352.8	18.9	0.4	71.2	17.9	2.0	15.7
Multiple Myeloma	40.4	6.9	1.0	6.4	7.9	3.0	757.8	6.7	0.3	108.4	6.8	0.6	457.2	6.2	0.3	27.4	7.1	1.3	5.5
Leukemias	79.6	13.9	1.5	9.8	10.4	3.2	1,420.2	13.1	0.3	161.2	9.6	0.7	974.6	13.9	0.4	45.8	10.3	1.5	9.1

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, 8451, 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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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, Westchester County, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)			Northwest (2011-2015)			Northeast (2011-2015)			West Central (2011-2015)			East Central (2011-2015)			Southwest (2011-2015)			Southeast (2011-2015)		
	Average			Average			Average			Average			Average			Average			Average		
	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)	Annual Cases	95% CI Rate	95% CI (+/-)
All Invasive Malignant Tumors	2,742.4	530.5	9.1	414.4	521.3	23.2	460.8	567.8	24.2	477.6	518.6	21.4	299.2	491.7	25.5	547.6	537.8	20.5	542.8	541.9	20.9
Oral Cavity and Pharynx	81.2	15.2	1.5	16.4	19.3	4.5	11.4	13.7	3.9	13.2	14.7	3.8	8.2	13.2	4.3	16.8	16.1	3.7	15.2	14.2	3.4
Esophagus	28.8	5.5	1.0	4.6	5.6	2.5	5.6	6.4	2.6	3.4	3.5	1.9	3.0	4.8	2.7	6.0	6.1	2.4	6.2	6.2	2.4
Stomach	56.4	11.1	1.4	10.6	13.7	4.0	6.4	7.6	2.9	9.2	10.4	3.2	4.0	6.3	3.0	13.4	13.4	3.4	12.8	13.3	3.4
Colorectal	217.8	42.8	2.6	28.8	36.7	6.3	33.4	41.3	6.6	35.0	39.5	6.1	22.2	37.2	7.2	51.4	50.8	6.4	47.0	47.3	6.3
Colon excluding Rectum	152.6	30.3	2.2	19.4	25.2	5.3	24.6	30.6	5.8	23.8	26.9	5.1	15.6	25.9	6.0	34.8	34.7	5.3	34.4	35.1	5.4
Rectum & Rectosigmoid	65.2	12.5	1.4	9.4	11.5	3.5	8.8	10.7	3.5	11.2	12.5	3.5	6.6	11.3	4.2	16.6	16.1	3.6	12.6	12.2	3.2
Liver / Intrahepatic Bile Duct	56.8	10.2	1.3	9.2	10.4	3.3	7.4	8.0	2.9	8.4	8.2	2.7	5.4	8.4	3.4	15.2	14.2	3.4	11.2	10.7	3.0
Pancreas	79.0	15.4	1.6	10.4	12.8	3.7	11.8	14.5	4.0	15.2	16.8	4.0	8.4	13.7	4.4	16.4	15.8	3.6	16.8	17.8	4.0
Larynx	25.8	4.9	0.9	4.8	5.6	2.5	4.8	6.1	2.7	2.4	2.2	1.5	2.2	3.5	2.3	8.2	8.2	2.7	3.4	3.2	1.7
Lung and Bronchus	272.4	53.5	2.9	39.0	50.3	7.4	39.4	49.2	7.2	44.0	49.0	6.7	27.2	44.8	7.9	66.2	65.8	7.3	56.6	57.0	6.9
Melanoma of the Skin	141.6	27.7	2.1	27.6	35.5	6.2	29.2	36.4	6.3	26.2	28.9	5.2	18.4	30.4	6.5	17.4	17.5	3.9	22.8	22.7	4.4
Prostate	749.6	138.7	4.6	109.0	132.1	11.6	117.6	132.8	11.2	134.0	136.4	10.7	90.0	146.5	14.0	132.2	124.9	9.8	166.8	160.8	11.2
Testis	26.2	6.0	1.1	4.0	5.8	2.7	3.6	6.7	3.5	5.8	7.8	3.0	4.2	7.3	3.4	2.6	2.6	1.6	6.0	6.8	2.6
Urinary Bladder (incl. in situ)	201.6	40.0	2.6	31.4	41.7	6.9	45.2	57.3	7.9	32.0	35.2	5.7	23.6	39.1	7.3	37.8	37.4	5.5	31.6	33.3	5.4
Kidney and Renal Pelvis	118.6	22.7	1.9	20.2	26.1	5.4	21.4	25.3	5.2	21.4	23.2	4.7	10.2	16.8	4.9	26.2	26.1	4.7	19.2	18.3	3.9
Brain and Other Nervous System	37.4	7.5	1.1	5.2	6.4	2.7	7.4	9.5	3.4	6.6	7.1	2.6	3.4	5.7	3.0	7.8	7.8	2.6	7.0	7.4	2.6
Thyroid	64.0	12.8	1.5	11.0	13.9	3.9	15.4	21.9	5.5	11.8	12.7	3.5	6.8	11.4	4.1	9.8	10.2	3.1	9.2	9.2	2.9
Hodgkin Lymphoma	19.8	4.3	0.9	3.0	4.3	2.4	2.6	3.8	2.4	4.2	5.3	2.5	1.4	2.3	1.9	4.0	4.2	2.0	4.6	5.1	2.3
Non-Hodgkin Lymphomas	144.6	28.3	2.1	20.6	25.0	5.1	28.2	36.5	6.5	25.8	28.5	5.2	15.4	25.5	6.0	27.4	27.6	4.8	27.2	27.4	4.8
Multiple Myeloma	58.8	11.5	1.4	9.4	12.4	3.8	8.6	10.0	3.3	12.6	14.2	3.7	5.8	9.8	3.9	10.6	10.8	3.1	11.8	11.7	3.2
Leukemias	120.8	24.1	2.0	14.6	18.4	4.5	17.0	22.6	5.2	26.0	29.9	5.4	13.0	21.4	5.5	26.4	26.1	4.6	23.8	24.7	4.7

(continue)

Table 6. Average Annual Cancer Incidence Rates Among Males by Region, Westchester County, 2011-2015 and 2012-2016 (*continued*).

	Westchester County (2012-2016)			Northwest (2012-2016)			Northeast (2012-2016)			West Central (2012-2016)			East Central (2012-2016)			Southwest (2012-2016)			Southeast (2012-2016)		
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)
All Invasive Malignant Tumors	2,765.6	522.6	8.9	419.0	520.1	23.1	463.6	563.4	24.0	485.0	519.9	21.3	305.4	493.9	25.4	544.8	526.0	20.2	547.8	539.3	20.7
Oral Cavity and Pharynx	79.2	14.5	1.5	14.2	16.4	4.1	10.6	12.6	3.7	13.2	14.4	3.7	8.8	13.9	4.4	17.0	16.0	3.6	15.4	14.3	3.4
Esophagus	31.4	5.8	1.0	5.6	6.8	2.8	5.8	6.3	2.6	3.8	3.8	1.9	3.4	5.5	2.9	6.6	6.5	2.4	6.2	6.2	2.3
Stomach	60.0	11.6	1.4	10.4	13.4	3.9	7.6	9.2	3.3	10.4	11.4	3.3	3.8	6.2	3.1	14.2	14.0	3.4	13.6	14.0	3.5
Colorectal	219.2	42.0	2.6	29.2	36.3	6.2	32.6	38.8	6.4	37.0	41.0	6.2	23.8	39.7	7.5	49.6	48.3	6.2	47.0	46.4	6.2
Colon excluding Rectum	150.2	30.3	2.2	18.4	23.8	5.2	22.8	27.3	5.3	25.8	28.8	5.2	15.8	26.1	6.0	33.6	33.0	5.2	33.8	33.8	5.3
Rectum & Rectosigmoid	69.0	12.9	1.4	10.8	12.5	3.6	9.8	11.6	3.6	11.2	12.2	3.4	8.0	13.6	4.5	16.0	15.3	3.6	13.2	12.6	3.2
Liver / Intrahepatic Bile Duct	61.8	11.6	1.3	9.8	11.1	3.4	8.2	8.7	3.0	8.0	7.9	2.7	5.8	9.0	3.5	17.0	15.8	3.6	13.0	12.0	3.1
Pancreas	80.8	15.2	1.6	10.8	13.1	3.8	12.8	15.4	4.1	14.4	15.7	3.9	8.8	14.1	4.4	16.6	15.4	3.5	17.4	17.9	4.0
Larynx	26.4	5.0	0.9	4.6	5.4	2.4	5.0	6.4	2.8	2.2	2.3	1.6	2.4	4.0	2.5	8.2	7.9	2.6	4.0	3.8	1.9
Lung and Bronchus	268.8	51.6	2.9	40.4	52.5	7.6	40.8	50.8	7.3	44.8	48.9	6.7	28.8	46.7	8.0	62.2	60.2	6.9	51.8	51.4	6.5
Melanoma of the Skin	141.2	26.9	2.1	27.0	34.0	6.1	29.6	36.3	6.2	24.0	26.3	5.0	18.4	29.9	6.4	18.6	18.3	3.9	23.6	23.0	4.4
Prostate	734.6	132.1	4.4	102.8	120.7	10.9	112.8	124.8	10.8	134.4	134.1	10.5	87.4	139.1	13.4	129.4	119.4	9.5	167.8	160.1	11.1
Testis	27.0	6.2	1.1	4.6	6.5	2.9	4.4	8.3	3.9	5.2	7.0	2.9	4.4	7.7	3.5	2.2	2.2	1.4	6.2	7.1	2.7
Urinary Bladder (incl. in situ)	203.4	39.5	2.5	33.2	43.8	7.0	47.6	59.6	8.0	32.8	35.4	5.7	24.2	39.6	7.3	34.4	33.7	5.3	31.2	32.0	5.3
Kidney and Renal Pelvis	120.0	22.6	1.9	19.0	24.5	5.3	20.4	23.8	5.0	21.2	22.4	4.5	9.8	15.7	4.7	27.4	27.0	4.7	22.2	21.3	4.2
Brain and Other Nervous System	37.2	7.4	1.1	5.2	6.5	2.7	7.2	8.9	3.2	5.8	6.1	2.5	3.6	6.2	3.1	8.0	8.0	2.6	7.4	7.8	2.7
Thyroid	63.6	12.5	1.5	10.4	13.3	3.9	14.2	20.2	5.3	12.4	13.4	3.6	7.0	11.4	4.0	10.4	10.9	3.2	9.2	9.1	2.9
Hodgkin Lymphoma	18.4	3.9	0.9	2.8	3.9	2.3	2.6	3.8	2.4	4.0	5.0	2.4	1.0	1.6	1.7	4.0	4.2	2.0	4.0	4.3	2.1
Non-Hodgkin Lymphomas	146.4	28.4	2.1	23.8	29.5	5.6	26.2	34.2	6.4	25.0	27.6	5.1	16.2	26.2	6.0	27.2	27.5	4.8	28.0	27.9	4.8
Multiple Myeloma	59.2	11.3	1.4	9.4	12.2	3.7	8.8	10.0	3.3	12.4	13.4	3.6	6.6	11.0	4.1	11.0	10.9	3.1	11.0	10.6	3.0
Leukemias	130.2	25.3	2.0	18.2	22.0	4.8	19.4	24.8	5.4	28.0	32.2	5.6	13.8	22.1	5.5	26.8	26.3	4.6	24.0	24.3	4.6

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 2018. Incidence data are provisional.

Table 7. Average Annual Cancer Incidence Rates Among Females by Region, Westchester County, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)			Northwest (2011-2015)			Northeast (2011-2015)			West Central (2011-2015)			East Central (2011-2015)			Southwest (2011-2015)			Southeast (2011-2015)		
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)
All Invasive Malignant Tumors	2,889.2	453.7	7.6	419.8	449.1	20.0	456.4	490.1	21.2	548.0	472.5	18.5	333.0	450.6	22.5	577.8	444.6	16.8	554.0	426.8	16.5
Oral Cavity and Pharynx	36.0	5.6	0.9	5.2	5.5	2.4	6.0	6.3	2.5	5.0	4.3	1.9	5.2	7.0	2.9	8.2	6.1	2.1	6.4	4.7	1.8
Esophagus	15.4	2.2	0.6	1.6	1.5	1.3	2.2	2.5	1.7	3.0	2.4	1.5	1.0	1.0	1.2	3.2	2.0	1.2	4.4	3.1	1.5
Stomach	43.6	6.3	0.9	6.0	6.0	2.4	4.2	4.1	2.0	8.8	7.2	2.3	4.2	4.0	2.0	11.6	8.3	2.3	8.8	6.7	2.2
Colorectal	218.2	32.3	2.0	30.4	32.5	5.5	32.2	32.9	5.4	38.4	30.6	4.6	24.6	30.1	5.8	47.8	35.2	4.8	44.8	32.1	4.5
Colon excluding Rectum	164.6	23.9	1.7	22.2	23.6	4.7	23.8	24.2	4.7	28.0	21.8	3.9	18.8	21.6	4.8	36.6	26.2	4.0	35.2	25.0	4.0
Rectum & Rectosigmoid	53.6	8.4	1.1	8.2	8.9	3.0	8.4	8.7	2.9	10.4	8.8	2.7	5.8	8.5	3.4	11.2	9.0	2.6	9.6	7.1	2.2
Liver / Intrahepatic Bile Duct	28.4	4.4	0.8	2.2	2.2	1.5	3.6	3.7	2.0	4.8	3.9	1.7	2.2	3.2	2.1	10.2	7.4	2.2	5.4	4.4	1.8
Pancreas	85.4	12.4	1.2	10.8	10.9	3.2	13.8	13.9	3.5	17.2	13.1	3.0	9.0	12.1	3.9	18.0	12.5	2.8	16.6	11.9	2.7
Larynx	5.4	0.8	0.4	0.4	0.4	0.8	0.8	0.8	1.1	0.8	0.6	0.8	0.4	0.5	1.0	2.0	1.6	1.2	1.0	0.8	0.9
Lung and Bronchus	324.8	47.6	2.4	51.0	52.4	6.8	44.8	45.7	6.3	58.0	46.1	5.6	40.2	51.9	7.5	69.4	49.3	5.4	61.4	43.3	5.1
Melanoma of the Skin	98.2	15.6	1.5	13.4	13.9	3.7	22.6	24.1	4.9	17.0	15.4	3.5	15.2	21.4	5.1	12.8	10.0	2.7	17.2	13.6	3.1
Female Breast	878.4	142.0	4.4	129.4	139.4	11.2	148.4	157.3	11.9	174.6	156.4	10.8	100.0	141.8	12.9	162.0	130.1	9.3	164.0	130.6	9.3
Cervix Uteri	36.0	6.4	1.0	4.0	4.9	2.4	2.6	3.2	2.1	6.2	6.2	2.5	4.8	6.8	3.0	10.2	9.2	2.7	8.2	6.8	2.3
Corpus Uterus and NOS	199.0	30.6	2.0	29.6	30.9	5.3	29.8	31.2	5.3	36.2	29.3	4.5	19.6	26.6	5.6	42.2	32.5	4.6	41.4	31.1	4.5
Ovary	79.4	12.7	1.4	12.4	13.6	3.6	12.0	12.5	3.5	15.8	14.1	3.4	9.2	12.8	4.0	14.6	11.4	2.8	15.4	12.2	2.9
Urinary Bladder (incl. in situ)	72.8	10.4	1.1	12.2	11.8	3.2	11.8	11.8	3.3	12.0	9.3	2.6	11.0	13.1	3.8	14.4	10.3	2.5	11.4	7.8	2.2
Kidney and Renal Pelvis	56.4	8.8	1.1	9.6	10.6	3.2	8.4	8.8	3.0	9.2	8.0	2.5	5.8	8.0	3.2	12.2	9.1	2.5	11.2	8.5	2.4
Brain and Other Nervous System	33.0	5.5	0.9	4.8	5.6	2.5	5.0	5.1	2.3	7.2	7.0	2.6	5.6	7.6	3.2	5.0	4.1	1.8	5.4	4.2	1.8
Thyroid	158.2	29.8	2.2	24.6	31.3	5.9	25.4	35.2	6.8	32.6	34.0	5.6	17.0	26.2	5.9	30.2	28.2	4.7	28.4	26.2	4.5
Hodgkin Lymphoma	15.6	3.1	0.8	1.6	2.0	1.6	2.8	4.3	2.7	2.6	3.0	1.9	1.6	2.6	2.1	4.2	4.1	1.9	2.8	2.8	1.6
Non-Hodgkin Lymphomas	128.6	20.0	1.7	19.2	20.4	4.4	22.8	25.7	5.3	24.0	20.6	4.0	16.2	21.2	5.0	21.0	15.9	3.3	25.4	19.2	3.5
Multiple Myeloma	40.0	5.9	0.9	5.4	5.4	2.3	6.0	6.5	2.7	8.4	6.3	2.1	3.6	4.5	2.4	8.8	6.4	2.1	7.8	5.7	2.0
Leukemias	90.8	13.9	1.4	10.8	10.6	3.2	14.4	15.5	3.9	17.0	14.2	3.4	11.8	15.3	4.3	18.8	13.9	3.1	18.0	14.2	3.2

(continue)

Table 7. Average Annual Cancer Incidence Rates Among Females by Region, Westchester County, 2011-2015 and 2012-2016 (*continued*).

	Westchester County (2012-2016)			Northwest (2012-2016)			Northeast (2012-2016)			West Central (2012-2016)			East Central (2012-2016)			Southwest (2012-2016)			Southeast (2012-2016)		
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)
All Invasive Malignant Tumors	2,921.4	451.7	7.6	425.4	450.7	20.0	468.2	497.9	21.3	544.8	463.1	18.3	332.2	448.3	22.4	581.0	441.8	16.8	569.6	434.5	16.6
Oral Cavity and Pharynx	37.8	5.7	0.9	5.2	5.2	2.3	6.4	6.6	2.6	5.0	4.0	1.8	5.8	7.3	3.0	7.6	5.7	2.0	7.8	5.9	2.1
Esophagus	14.8	2.1	0.5	2.0	2.0	1.5	2.0	2.1	1.6	2.8	2.3	1.4	0.6	0.5	1.0	3.6	2.2	1.2	3.8	2.6	1.3
Stomach	44.4	6.4	0.9	6.8	7.1	2.7	3.4	3.3	1.8	8.8	7.3	2.4	4.0	4.0	2.0	11.8	8.4	2.3	9.6	7.2	2.2
Colorectal	210.6	30.7	2.0	33.4	34.9	5.6	31.2	32.4	5.6	36.2	27.8	4.4	22.6	28.0	5.6	43.4	31.8	4.6	43.8	31.0	4.4
Colon excluding Rectum	156.0	22.3	1.6	24.6	25.3	4.8	22.8	23.3	4.7	26.4	20.0	3.7	17.0	19.9	4.7	32.2	23.1	3.8	33.0	22.9	3.8
Rectum & Rectosigmoid	54.6	8.5	1.1	8.8	9.6	3.1	8.4	9.1	3.1	9.8	7.9	2.4	5.6	8.0	3.3	11.2	8.8	2.5	10.8	8.0	2.3
Liver / Intrahepatic Bile Duct	29.4	4.4	0.8	2.8	2.9	1.8	3.4	3.3	1.9	4.2	3.3	1.6	2.6	3.5	2.2	10.6	7.5	2.2	5.8	4.8	1.9
Pancreas	83.2	11.8	1.2	11.2	11.4	3.3	11.4	10.9	3.1	17.8	13.3	3.0	9.2	11.9	3.7	18.0	12.6	2.8	15.6	10.9	2.6
Larynx	5.2	0.8	0.3	0.6	0.5	0.9	0.8	0.8	1.1	0.8	0.6	0.8	0.4	0.5	1.0	1.8	1.4	1.1	0.8	0.6	0.8
Lung and Bronchus	322.2	46.3	2.4	47.2	47.7	6.4	47.4	47.5	6.4	57.0	44.6	5.4	39.8	51.8	7.5	68.4	47.8	5.3	62.4	43.3	5.1
Melanoma of the Skin	98.2	15.2	1.4	12.8	12.5	3.4	24.6	26.8	5.2	17.6	15.2	3.5	14.8	20.4	5.0	11.8	9.0	2.5	16.6	13.1	3.1
Female Breast	886.4	141.4	4.3	127.0	135.6	11.0	155.8	163.1	12.0	174.6	154.9	10.8	100.0	140.8	12.8	159.6	127.0	9.2	169.4	134.1	9.4
Cervix Uteri	36.4	6.4	1.0	3.8	4.7	2.4	3.6	4.7	2.6	5.2	5.2	2.3	5.0	7.1	3.1	10.2	9.2	2.7	8.6	7.1	2.3
Corpus Uterus and NOS	202.0	30.3	1.9	30.8	31.5	5.3	29.8	30.6	5.2	35.0	28.4	4.5	19.6	26.0	5.4	45.6	34.6	4.7	41.2	30.3	4.3
Ovary	81.4	12.9	1.4	13.0	14.4	3.8	14.0	14.8	3.8	14.4	12.4	3.1	8.8	12.3	4.0	15.0	11.5	2.8	16.2	12.9	3.0
Urinary Bladder (incl. in situ)	74.4	10.5	1.2	12.6	12.4	3.3	11.8	11.6	3.2	13.0	10.2	2.7	10.2	12.4	3.8	15.4	10.8	2.6	11.4	7.5	2.2
Kidney and Renal Pelvis	59.8	9.3	1.1	9.2	9.9	3.1	8.8	9.4	3.1	10.0	8.5	2.6	6.2	8.7	3.4	14.4	10.9	2.7	11.2	8.6	2.4
Brain and Other Nervous System	32.2	5.3	0.9	5.6	6.5	2.7	4.8	4.8	2.2	6.0	5.8	2.3	5.4	7.4	3.1	5.6	4.5	1.9	4.8	3.8	1.7
Thyroid	159.0	29.9	2.2	26.0	32.6	5.9	24.6	33.0	6.5	33.4	35.0	5.7	16.8	26.7	6.0	28.8	26.7	4.6	29.4	27.8	4.7
Hodgkin Lymphoma	17.2	3.3	0.8	1.8	2.0	1.5	3.4	5.3	3.0	3.2	3.6	2.0	2.0	3.5	2.4	4.4	4.2	2.0	2.4	2.3	1.5
Non-Hodgkin Lymphomas	132.0	20.0	1.6	17.2	18.5	4.2	23.0	25.8	5.3	23.2	19.4	3.8	17.0	22.0	5.1	23.6	17.2	3.3	28.0	20.4	3.6
Multiple Myeloma	46.8	6.9	1.0	6.4	6.6	2.5	7.2	7.5	2.8	8.8	6.9	2.3	3.6	4.4	2.3	11.0	8.1	2.3	9.8	7.0	2.2
Leukemias	89.4	13.5	1.4	11.6	11.4	3.2	13.8	14.8	3.8	15.0	12.2	3.1	11.2	14.2	4.1	19.4	14.2	3.1	18.2	14.2	3.2

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 2018. 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, 1976-2016.

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)							
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015
All Invasive Malignant Tumors																								
Rate	414.4	457.9	477.8	528.5	600.9	583.1	570.6	516.3	481.5	509.9	523.5	574.5	582.9	579.4	578.7	528.1	383.5	436.1	524.4	571.4	597.9	602.3	597.6	546
95% CI (+/-)	10.0	10.2	10.2	10.3	10.7	10.2	9.8	8.9	2.4	2.5	2.4	2.5	2.4	2.3	2.2	2.1	2.8	3.0	3.2	3.1	3.1	3.0	2.9	2.6
Oral Cavity and Pharynx																								
Rate	15.1	15.7	17.3	13.1	13.5	12.7	14.9	15.2	17.6	18.7	16.9	16.6	15.3	14.6	15.6	16.1	13.2	14.7	15.5	14.6	14.7	14.4	16.0	17.0
95% CI (+/-)	1.9	1.9	1.9	1.7	1.6	1.5	1.6	1.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.4
Esophagus																								
Rate	7.2	7.7	7.3	7.6	7.9	7.1	7.3	5.5	8.5	8.4	8.3	8.6	8.5	8.6	8.8	7.7	5.9	6.2	7.4	8.1	8.6	9.4	9.9	8.7
95% CI (+/-)	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Stomach																								
Rate	16.5	15.9	15.5	16.1	15.3	13.3	10.6	11.1	18.2	17.6	16.7	16.2	15.2	13.5	12.3	12.1	12.9	13.5	14.9	13.8	13.0	11.4	10.2	10.3
95% CI (+/-)	2.1	1.9	1.9	1.9	1.8	1.6	1.4	1.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4
Colorectal																								
Rate	71.4	81.0	73.7	69.2	74.6	59.9	49.7	42.8	81.5	84.6	77.8	73.0	72.7	64.3	53.5	46.0	65.0	72.9	79.0	73.4	74.3	64.7	52.3	45
95% CI (+/-)	4.2	4.4	4.1	3.8	3.9	3.3	2.9	2.6	1.0	1.0	0.9	0.9	0.9	0.8	0.7	0.6	1.2	1.3	1.3	1.2	1.1	1.0	0.9	0.8
Colon excluding Rectum																								
Rate	49.4	56.6	53.2	49.3	53.6	42.6	35.6	30.3	56.3	58.8	54.7	52.0	51.5	45.5	37.4	31.5	44.4	50.2	54.7	51.4	52.0	45.5	36.6	30.5
95% CI (+/-)	3.5	3.7	3.5	3.2	3.3	2.8	2.5	2.2	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5	1.0	1.1	1.1	0.9	0.9	0.8	0.7	0.7
Rectum & Rectosigmoid																								
Rate	22.0	24.4	20.5	19.9	21.0	17.3	14.0	12.5	25.2	25.8	23.1	21.0	21.2	18.8	16.0	14.5	20.6	22.7	24.4	22.0	22.3	19.2	15.7	14.4
95% CI (+/-)	2.3	2.4	2.2	2.1	2.0	1.8	1.5	1.4	0.6	0.6	0.5	0.4	0.5	0.4	0.4	0.3	0.7	0.7	0.7	0.6	0.6	0.6	0.4	0.5
Liver / Intrahepatic bile duct																								
Rate	3.9	3.3	6.0	6.4	9.2	9.5	12.0	10.2	4.9	5.3	6.0	7.5	9.4	11.0	13.0	13.7	3.3	3.6	4.9	6.0	6.9	8.2	10.0	11.0
95% CI (+/-)	1.0	0.9	1.2	1.2	1.3	1.3	1.4	1.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Pancreas																								
Rate	14.8	14.9	14.3	14.3	16.3	13.7	15.2	15.4	16.0	15.0	14.5	14.5	14.5	14.3	15.5	15.9	12.8	12.2	14.4	14.4	14.4	14.6	15.4	16.1
95% CI (+/-)	1.9	1.9	1.8	1.8	1.8	1.6	1.6	1.6	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5
Larynx																								
Rate	9.4	8.6	9.7	8.7	7.9	6.1	6.0	4.9	11.2	11.3	10.9	9.8	8.5	7.5	6.8	6.0	8.7	9.2	10.2	9.2	8.2	7.3	6.8	6.0
95% CI (+/-)	1.5	1.4	1.4	1.3	1.2	1.1	1.1	0.9	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
Lung and Bronchus																								
Rate	80.6	84.9	85.9	80.7	79.3	68.2	63.6	53.5	96.4	98.7	97.6	94.0	88.1	81.3	76.7	69.1	80.1	88.7	102.5	97.8	94.2	87.5	82.5	74.5
95% CI (+/-)	4.3	4.3	4.3	4.0	3.9	3.6	3.3	2.9	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.8	1.3	1.3	1.4	1.3	1.2	1.2	1.1	1.0

(continue)

Table 8. Trends in Average Annual Cancer Incidence Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2016 (continued).

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)							
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015
Melanoma of the Skin																								
Rate	7.4	10.9	10.6	12.8	16.6	24.0	25.6	27.1	7.7	9.3	9.8	10.4	13.2	17.7	22.1	23.3	6.8	8.9	11.1	11.9	15.5	21.0	26.8	29.2
95% CI (+/-)	1.3	1.6	1.6	1.6	1.8	2.1	2.1	2.1	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
Prostate																								
Rate	68.6	79.4	91.7	146.2	181.8	181.1	175.7	138.7	80.6	89.7	103.2	155.3	169.5	171.4	169.3	131.7	61.8	76.7	106.8	158.6	171.8	176.4	171.6	129.8
95% CI (+/-)	4.3	4.5	4.6	5.4	5.8	5.7	5.3	4.6	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.0	1.2	1.3	1.5	1.7	1.7	1.6	1.5	1.3
Testis																								
Rate	2.9	4.2	4.3	4.5	4.7	7.0	6.4	6.0	3.4	4.1	4.2	4.6	4.9	5.3	5.8	5.9	3.2	4.1	4.9	5.4	6.0	6.3	6.8	6.9
95% CI (+/-)	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Urinary Bladder (incl. in situ)																								
Rate	33.4	35.3	36.0	33.8	44.8	46.6	39.8	40.0	38.5	39.5	38.4	38.5	41.9	43.1	42.6	41.1	31.5	35.1	41.0	40.5	47.1	49.5	48.2	46.9
95% CI (+/-)	2.9	2.9	2.8	2.7	3.0	3.0	2.7	2.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.8	0.8	0.9	0.8	0.9	0.8	0.9	0.8
Kidney and Renal Pelvis																								
Rate	8.3	11.8	13.5	14.2	19.6	20.8	22.1	22.7	10.7	12.3	13.7	15.2	17.7	20.1	22.8	23.2	8.7	11.0	14.1	15.4	18.4	21.1	24.1	25.0
95% CI (+/-)	1.4	1.6	1.7	1.7	2.0	2.0	2.0	1.9	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.6
Brain and Other Nervous System																								
Rate	6.7	6.5	9.7	8.1	8.6	9.6	8.7	7.4	7.0	7.4	8.2	8.5	8.6	8.3	8.0	7.7	5.9	6.5	8.5	8.8	9.2	9.0	8.6	8.3
95% CI (+/-)	1.2	1.2	1.4	1.3	1.3	1.4	1.2	1.1	0.3	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	0.4	0.4
Thyroid																								
Rate	2.2	3.1	2.9	3.4	5.1	7.2	10.4	12.8	2.3	2.4	2.5	3.0	4.1	5.5	8.2	10.3	2.0	2.1	2.5	3.1	4.3	5.7	8.4	10.3
95% CI (+/-)	0.7	0.8	0.8	0.8	1.0	1.2	1.4	1.5	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
Hodgkin Lymphoma																								
Rate	3.6	3.6	3.4	4.0	4.4	4.3	3.2	4.3	4.1	4.2	4.0	3.9	3.6	3.9	3.8	3.7	3.3	3.5	3.8	3.8	3.7	4.0	3.8	3.7
95% CI (+/-)	0.9	0.9	0.8	0.9	0.9	0.9	0.8	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3
Non-Hodgkin Lymphomas																								
Rate	12.0	15.9	19.4	21.8	26.3	27.3	29.5	28.3	14.1	16.9	21.2	24.8	24.8	25.1	26.6	26.5	11.4	14.2	19.7	22.0	24.4	25.6	27.5	27.4
95% CI (+/-)	1.7	1.9	2.1	2.2	2.3	2.3	2.3	2.2	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.6
Multiple Myeloma																								
Rate	4.7	5.7	5.6	6.7	9.1	8.9	10.6	11.5	5.6	6.5	6.6	7.0	7.5	8.3	9.2	9.9	4.3	5.5	6.5	7.0	7.6	8.2	8.7	9.3
95% CI (+/-)	1.1	1.2	1.2	1.2	1.4	1.3	1.4	1.4	0.3	0.3	0.3	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
Leukemias																								
Rate	14.0	15.7	14.8	18.2	20.1	20.5	22.2	23.9	16.2	16.5	15.8	16.7	17.7	18.3	19.6	21.0	13.8	15.0	16.6	17.6	19.3	20.2	21.3	22.9
95% CI (+/-)	1.9	2.0	1.8	2.0	2.0	1.9	2.0	2.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.6

(continue)

Table 8. Trends in Average Annual Cancer Incidence Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2015 and 1976-2016 (continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)							
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016
All Invasive Malignant Tumors																								
Rate	477.2	490.5	482.9	543.3	599.6	581.9	563.0	507.7	484.7	514.6	531.7	576.9	585.1	580.7	573.1	517.8	491.1	518.4	537.6	579.8	601.7	603.9	591.6	540.1
95% CI (+/-)	9.8	10.5	10.2	10.4	10.6	10.1	9.7	8.8	2.2	2.4	2.4	2.4	2.4	2.3	2.2	2.0	3.0	3.3	3.2	3.1	3.0	2.9	2.8	2.6
Oral Cavity and Pharynx																								
Rate	16.5	18.8	15.3	13.2	12.8	13.5	15.0	14.5	17.8	18.5	16.9	16.3	15.0	14.7	15.7	16.3	16.9	17.3	15.5	14.6	14.5	14.8	16.2	17.5
95% CI (+/-)	1.8	2.1	1.8	1.6	1.6	1.6	1.6	1.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.5	0.4
Esophagus																								
Rate	8	7.8	7	7.9	7.5	7.3	6.9	5.8	8.5	8.5	8.2	8.6	8.4	8.9	8.5	7.7	7.4	7.3	7.4	8.3	8.6	9.8	9.5	8.8
95% CI (+/-)	1.3	1.4	1.2	1.3	1.3	1.2	1.1	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Stomach																								
Rate	19.5	15.8	15.5	15.9	15.2	12.5	10.4	11.6	18.3	17.3	16.6	16.0	14.8	13.2	12.2	12.0	16.0	15.7	14.7	13.8	12.8	11.0	10.3	10.1
95% CI (+/-)	2.1	2.0	1.9	1.8	1.8	1.5	1.4	1.4	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.6	0.6	0.5	0.5	0.4	0.5	0.4	0.35
Colorectal																								
Rate	84.5	81.7	71.8	70.4	72.1	57.7	48.1	42.0	82.2	84.3	76.1	72.3	72.2	61.7	51.7	45.0	82.6	85.2	78.3	73.3	73.7	61.7	50.6	44.3
95% CI (+/-)	4.2	4.3	4.0	3.8	3.7	3.2	2.9	2.6	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6	1.2	1.3	1.3	1.2	1.1	0.9	0.9	0.8
Colon excluding Rectum																								
Rate	58.3	57.5	51.9	49.6	52.2	41.3	34.7	29.1	56.9	58.7	53.7	51.2	51.3	43.7	36.0	30.7	56.5	58.5	54.3	51.1	51.8	43.5	35.0	30.1
95% CI (+/-)	3.5	3.7	3.4	3.3	3.2	2.8	2.4	2.2	0.8	0.9	0.8	0.8	0.8	0.6	0.6	0.5	1.1	1.2	1.1	0.9	0.9	0.8	0.7	0.7
Rectum & Rectosigmoid																								
Rate	26.2	24.2	19.9	20.8	19.9	16.4	13.4	12.9	25.4	25.5	22.4	21.0	20.9	18.0	15.7	14.3	26.1	26.6	24.0	22.3	21.9	18.2	15.6	14.2
95% CI (+/-)	2.3	2.4	2.1	2.1	2.0	1.7	1.5	1.4	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.7	0.8	0.7	0.6	0.6	0.5	0.5	0.4
Liver / Intrahepatic bile duct																								
Rate	4.3	3.6	6.2	7.2	8.4	10.6	11.6	10.9	4.9	5.5	6.2	7.8	9.7	11.4	13.2	14.0	4.1	4.3	5.1	6.1	7.3	8.5	10.1	11.5
95% CI (+/-)	0.9	1.0	1.2	1.3	1.3	1.4	1.4	1.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Pancreas																								
Rate	15.6	16.3	14.1	14.6	16.1	13.5	16.3	15.2	16.0	14.7	14.5	14.5	14.3	14.5	15.7	15.9	15.8	14.4	14.6	14.5	14.2	14.8	15.7	16.4
95% CI (+/-)	1.8	1.9	1.8	1.8	1.8	1.6	1.7	1.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.5
Larynx																								
Rate	10.5	10.5	9.3	8.1	7.7	6.3	5.3	5	11.3	11.1	10.8	9.6	8.2	7.4	6.6	5.8	11.1	10.6	10.2	9.0	8.0	7.3	6.6	5.9
95% CI (+/-)	1.4	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Lung and Bronchus																								
Rate	88.9	89.9	85.4	81.1	75.7	68.1	61.5	51.6	96.5	98.7	97.2	93.3	86.1	80.4	75.7	67.0	101.3	103.9	102.7	97.6	92.3	86.6	81.5	73.2
95% CI (+/-)	4.1	4.5	4.2	4.0	3.8	3.5	3.3	2.9	1.0	1.1	1.1	1.0	0.9	0.9	0.8	0.7	1.3	1.4	1.4	1.3	1.2	1.2	1.1	0.9

(continue)

Table 8. Trends in Average Annual Cancer Incidence Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2015 and 1976-2016 (continued).

	Westchester County (1976-2016)									(1976-2016)New York State									New York State excluding New York City (1976-2016)								
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016		1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016		1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	
Melanoma of the Skin																											
Rate	9.6	12.4	11.1	12.8	18.3	24.7	25.7	26.9		7.8	9.6	9.8	10.7	14.1	19.0	22.5	23.2		8.9	10.9	11.2	12.5	16.6	22.5	27.5	29.4	
95% CI (+/-)	1.4	1.7	1.6	1.6	1.9	2.1	2.1	2.1		0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4		0.4	0.5	0.4	0.5	0.5	0.6	0.7	0.7	
Prostate																											
Rate	80.7	89.4	99.1	153.7	186.5	178.7	171.1	132.1		81.8	91.2	111.9	159.4	174.0	171.3	165.0	125.0		83.5	94.0	117.8	163.3	176.1	176.6	166.1	124.2	
95% CI (+/-)	4.3	4.7	4.7	5.5	5.9	5.6	5.3	4.4		1.0	1.1	1.2	1.3	1.4	1.3	1.1	1.0		1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.2	
Testis																											
Rate	3.6	4.7	4.0	4.7	5.3	6.7	6.3	6.2		3.5	4.1	4.2	4.6	5.0	5.4	5.9	5.9		4.1	4.8	5.0	5.6	6.1	6.4	6.9	6.9	
95% CI (+/-)	0.8	1.0	0.9	1.0	1.0	1.2	1.1	1.1		0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	38.9	34.4	36.5	44.4	45.7	40.3	39.5		38.8	39.6	38.2	38.8	42.3	43.4	42.4	40.3		40.7	42.6	41.0	41.8	47.5	49.8	48.2	46.4	
95% CI (+/-)	2.9	3.1	5.5	2.8	3.0	2.9	2.7	2.5		0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.5		0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.75	
Kidney and Renal Pelvis																											
Rate	9.5	12.7	14.7	14.9	19.7	21.5	22.4	22.6		10.7	12.7	14.0	15.6	18.1	21.0	22.8	23.3		11.0	13.3	14.7	15.9	19.0	22.0	24.3	25.2	
95% CI (+/-)	1.4	1.7	1.8	1.8	1.9	2.0	1.9	1.9		0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4		0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	
Brain and Other Nervous System																											
Rate	7.8	7.7	9.1	8.2	8.8	9.6	8.3	7.3		7.1	7.4	8.3	8.7	8.4	8.3	7.8	7.8		7.4	7.7	8.7	9.0	9.0	9.0	8.5	8.3	
95% CI (+/-)	1.2	1.3	1.4	1.3	1.3	1.3	1.2	1.1		0.3	0.3	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	0.4	
Thyroid																											
Rate	3.0	2.5	2.9	4.0	5.2	7.6	11.0	12.5		2.3	2.4	2.6	3.2	4.3	5.9	8.8	10.3		2.4	2.4	2.7	3.2	4.5	6.2	9.0	10.2	
95% CI (+/-)	0.8	0.8	0.8	0.9	1.0	1.2	1.4	1.5		0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3		0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	
Hodgkin Lymphoma																											
Rate	4.4	4.2	3.5	3.8	4.7	4.1	3.2	3.9		4.0	4.2	3.9	3.7	3.7	3.9	3.8	3.6		4.1	4.0	3.9	3.8	3.8	4.0	3.8	3.7	
95% CI (+/-)	0.9	1.0	0.9	0.9	1.0	1.8	0.8	0.9		0.2	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	0.3	
Non-Hodgkin Lymphomas																											
Rate	14.9	17.1	21.0	22.0	26.3	28.8	28.8	28.3		14.2	18.1	22.1	25.1	24.4	25.5	26.7	26.2		14.5	17.5	20.3	22.7	24.3	26.2	27.7	27.2	
95% CI (+/-)	1.7	2.0	2.1	2.1	2.3	2.3	2.2	2.1		0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5		0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Multiple Myeloma																											
Rate	5.1	5.9	5.8	7.2	8.9	9.1	10.8	11.3		5.7	6.5	6.6	7.1	7.7	8.4	9.5	10.1		5.4	6.5	6.6	7.1	7.8	8.3	8.8	9.6	
95% CI (+/-)	1.0	1.2	1.2	1.3	1.3	1.3	1.4	1.4		0.3	0.3	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	0.4	
Leukemias																											
Rate	16.8	14.6	16.0	18.5	20.6	20.3	23.7	25.0		16.2	16.5	15.9	16.9	17.8	18.6	20.2	21.2		17.4	17.3	16.7	18.1	19.5	20.5	21.9	23.3	
95% CI (+/-)	1.9	1.8	1.9	2.0	2.0	2.0	2.0	2.0		0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4		0.6	0.6	0.6	0.5	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/register/> Data as of November 2018. Incidence data are provisional.

Table 9. Trends in Average Annual Cancer Incidence Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2016.

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)							
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015
All Invasive Malignant Tumors																								
Rate	326.9	355.2	382.0	408.9	442.9	447.1	458.0	444.0	362.1	381.5	396.0	418.8	438.3	432.9	444.1	445.5	296.2	334.1	404.8	420.5	454.5	457.4	466.9	468.4
95% CI (+/-)	7.2	7.4	7.5	7.7	7.9	7.8	7.8	7.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	2.0	2.2	2.3	2.3	2.4	2.3	2.3	2.3
Oral Cavity and Pharynx																								
Rate	6.1	6.4	6.1	5.5	5.9	6.3	6.0	5.6	6.6	6.8	6.7	6.7	6.2	6.0	6.2	6.3	5.4	5.7	6.5	6.3	6.3	6.2	6.4	6.5
95% CI (+/-)	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.9	0.3	0.3	0.3	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
Esophagus																								
Rate	2.7	2.6	2.7	2.6	2.5	2.5	2.3	2.2	2.7	2.7	2.8	2.8	2.6	2.4	2.2	2.0	1.8	1.8	2.3	2.5	2.4	2.2	2.3	2.1
95% CI (+/-)	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Stomach																								
Rate	8.2	7.7	7.2	8.4	6.6	6.6	6.2	6.3	9.3	8.6	7.8	7.7	7.2	6.8	6.1	6.2	6.5	6.2	6.3	6.0	5.5	5.3	4.6	5.0
95% CI (+/-)	1.1	1.1	1.0	1.1	1.0	1.0	0.9	0.9	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
Colorectal																								
Rate	53.4	50.0	48.4	48.5	50.4	46.0	38.7	32.3	58.8	58.6	54.0	51.9	52.6	47.8	41.1	35.0	48.2	50.9	55.3	51.7	53.1	48.6	41.0	35.2
95% CI (+/-)	2.9	2.7	2.6	2.6	2.6	2.5	2.3	2.0	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.4	0.9	0.8	0.9	0.8	0.8	0.8	0.7	0.6
Colon excluding Rectum																								
Rate	39.8	36.8	35.9	37.5	37.9	34.9	29.6	23.9	43.4	43.8	40.5	39.2	39.8	35.9	30.7	25.8	35.5	38.1	41.1	38.8	40.1	36.5	30.7	26.0
95% CI (+/-)	2.5	2.4	2.3	2.3	2.3	2.1	2.0	1.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6
Rectum & Rectosigmoid																								
Rate	13.6	13.2	12.5	11.0	12.5	11.2	9.1	8.4	15.4	14.8	13.5	12.7	12.8	11.9	10.5	9.2	12.7	12.8	14.2	12.9	13.0	12.2	10.3	9.2
95% CI (+/-)	1.5	1.4	1.4	1.3	1.4	1.2	1.1	1.1	0.4	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	0.3
Liver / Intrahepatic Bile Duct																								
Rate	1.7	1.3	1.9	3.5	3.1	3.4	3.0	4.4	2.3	2.2	2.4	3.0	3.5	3.5	4.1	4.7	1.5	1.6	2.0	2.5	2.7	2.8	3.1	3.7
95% CI (+/-)	0.6	0.5	0.6	0.8	0.7	0.7	0.7	0.8	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Pancreas																								
Rate	9.5	10.9	10.9	11.9	11.6	11.5	12.5	12.4	10.8	10.9	11.0	11.2	11.4	11.6	12.0	12.4	8.4	9.1	10.6	10.9	11.1	11.7	12.1	12.5
95% CI (+/-)	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	0.3	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	0.4	0.4
Larynx																								
Rate	1.4	1.6	1.7	1.0	1.7	0.9	1.2	0.8	1.9	2.2	2.6	2.3	1.9	1.6	1.6	1.3	1.5	1.8	2.4	2.2	2.0	1.7	1.6	1.4
95% CI (+/-)	0.5	0.5	0.6	0.4	0.6	0.4	0.4	0.4	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Lung and Bronchus																								
Rate	29.1	36.1	43.4	48.2	52.5	51.4	53.6	47.6	29.6	37.2	43.9	50.3	53.6	54.1	56.2	54.1	25.1	34.5	47.1	54.5	59.7	62.2	64.8	62.2
95% CI (+/-)	2.1	2.3	2.5	2.6	2.7	2.6	2.6	2.4	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.8

(continue)

Table 9. Trends in Average Annual Cancer Incidence Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2016 (continued).

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)								
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	
Melanoma of the Skin																									
Rate	6.5	6.7	7.7	7.2	8.9	12.8	15.1	15.6	5.8	6.8	6.5	6.0	8.1	11.1	13.8	14.6	5.1	6.8	7.6	7.0	9.6	13.1	17.0	19.0	
95% CI (+/-)	1.1	1.1	1.1	1.1	1.2	1.4	1.5	1.5	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	
Female Breast																									
Rate	93.9	106.7	120.4	128.0	144.0	135.1	142.0	142.0	101.1	108.3	119.2	125.9	135.3	126.3	128.1	131.3	83.9	96.5	124.2	127.9	142.0	134.9	135.1	138.1	
95% CI (+/-)	4.0	4.2	4.3	4.4	4.6	4.3	4.4	4.4	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3	
Cervix Uteri																									
Rate	10.2	8.3	9.5	10.1	8.4	8.1	7.1	6.4	13.7	11.8	11.6	11.8	10.8	8.9	8.4	7.7	9.1	8.3	10.0	9.8	9.0	7.5	7.4	6.7	
95% CI (+/-)	1.4	1.2	1.3	1.3	1.2	1.1	1.1	1.0	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
Corpus Uterus and NOS																									
Rate	19.7	22.4	20.7	21.1	27.1	30.6	29.2	30.6	23.7	23.2	22.0	24.4	26.9	28.6	29.8	31.5	21.0	21.6	23.8	25.4	27.8	29.5	30.2	31.9	
95% CI (+/-)	1.8	1.9	1.8	1.8	2.0	2.1	2.0	2.0	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.6	0.6	0.5	13.0	0.5	0.6	0.6	0.6	
Ovary																									
Rate	14.8	15.4	18.2	17.2	17.3	15.4	14.5	12.7	16.1	16.9	16.4	17.2	15.9	14.5	13.3	12.4	13.5	14.9	17.3	17.6	16.7	15.2	13.7	12.6	
95% CI (+/-)	1.6	1.6	1.7	1.6	1.6	1.5	1.5	1.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.5	0.4	0.5	0.5	0.4	0.4	
Urinary Bladder-incl. in situ																									
Rate	8.6	10.0	10.6	11.2	13.5	12.6	10.6	10.4	9.9	10.2	10.2	10.8	11.5	11.3	10.7	10.6	8.1	9.1	10.8	11.5	12.9	12.9	12.4	12.5	
95% CI (+/-)	1.2	1.3	1.3	1.3	1.4	1.3	1.2	1.1	0.3	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	0.4	0.4	
Kidney and Renal Pelvis																									
Rate	3.6	5.3	5.9	7.2	7.7	9.4	10.0	8.8	4.9	5.8	6.6	7.5	8.7	9.7	10.9	10.9	4.2	5.3	6.9	8.0	9.2	10.5	12.0	11.9	
95% CI (+/-)	0.8	0.9	1.0	1.1	1.1	1.2	1.2	1.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	
Brain and Other Nervous System																									
Rate	4.1	4.9	6.0	6.5	7.3	6.3	5.2	5.5	4.8	5.3	5.6	6.2	6.3	5.9	5.7	5.6	4.0	4.8	5.9	6.3	6.5	6.4	6.1	6.1	
95% CI (+/-)	0.9	0.9	1.0	1.0	1.1	1.0	0.9	0.9	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Thyroid																									
Rate	4.0	4.3	5.8	6.5	12.1	18.3	27.2	29.8	4.6	5.1	5.4	7.2	10.6	15.2	23.8	29.0	4.0	4.5	5.4	7.2	11.4	16.5	24.2	28.6	
95% CI (+/-)	0.9	0.9	1.0	1.1	1.4	1.7	2.1	2.2	0.2	0.3	0.2	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	
Hodgkin Lymphoma																									
Rate	3.0	3.1	2.8	2.7	3.4	4.0	3.7	3.1	2.9	2.9	2.8	3.0	2.9	3.0	2.9	2.9	2.5	2.8	3.0	3.2	3.1	3.3	3.0	2.9	
95% CI (+/-)	0.8	0.7	0.7	0.7	0.8	0.9	0.8	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	
Non-Hodgkin Lymphomas																									
Rate	8.8	11.2	12.0	15.7	17.7	19.0	19.5	20.0	10.2	11.9	13.3	15.3	17.3	17.5	18.4	17.8	8.3	10.2	13.4	14.8	17.8	18.2	19.4	18.4	
95% CI (+/-)	1.2	1.4	1.4	1.5	1.6	1.6	1.6	1.7	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.4	
Multiple Myeloma																									
Rate	4.1	4.2	4.3	5.0	4.8	5.1	7.0	5.9	4.1	4.4	4.5	5.0	5.5	5.6	6.2	6.6	3.2	3.6	4.4	4.7	5.2	5.0	5.8	6.1	
95% CI (+/-)	0.8	0.8	0.8	0.9	0.8	0.9	1.0	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	
Leukemias																									
Rate	9.3	10.2	9.5	9.3	10.2	11.3	13.3	13.5	9.7	9.6	9.7	10.2	10.6	11.1	11.5	12.5	8.3	8.7	9.8	10.3	11.2	12.1	12.4	13.5	
95% CI (+/-)	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.3	0.3	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	0.4	0.4	

(continue)

Table 9. Trends in Average Annual Cancer Incidence Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2015 and 1976-2016 (continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)								
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	
All Invasive Malignant Tumors																									
Rate	372.8	390.0	383.2	418.4	442.6	452.2	455.2	440.9	363.4	385.7	400.9	422.1	438.8	434.7	445.5	443.1	368.3	394.4	411.7	428.6	457.9	459.1	468.0	468.8	
95% CI (+/-)	7.0	7.7	7.5	7.8	7.8	7.8	7.8	7.5	1.6	1.8	1.8	1.8	1.8	1.7	1.7	1.7	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
Oral Cavity and Pharynx																									
Rate	7.1	7.0	5.6	5.7	5.9	6.0	5.8	5.7	6.5	6.8	6.8	6.5	6.1	6.0	6.2	6.4	6.6	6.7	6.7	6.3	6.2	6.1	6.4	6.7	
95% CI (+/-)	1.0	1.1	0.9	1.0	0.9	1.0	0.9	0.9	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Esophagus																									
Rate	3.0	3.0	2.5	2.6	2.7	2.7	2.1	2.1	2.7	2.7	2.8	2.8	2.5	2.4	2.2	2.0	2.2	2.2	2.3	2.5	2.4	2.3	2.3	2.1	
95% CI (+/-)	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.2	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	0.2	
Stomach																									
Rate	9.3	8.0	7.3	8.0	6.4	6.8	6.3	6.4	9.2	8.4	7.7	7.7	7.1	6.8	6.0	6.3	7.9	6.8	6.3	6.0	5.4	5.3	4.6	5.0	
95% CI (+/-)	1.1	1.1	1.0	1.1	1.0	1.0	0.9	0.9	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Colorectal																									
Rate	59.8	54.0	47.5	48.6	50.3	44.8	37.6	30.7	58.8	58.4	52.8	51.5	52.7	46.4	39.9	34.0	60.2	60.0	54.6	51.4	53.5	46.8	40.1	34.5	
95% CI (+/-)	2.8	2.8	2.6	2.6	5.2	2.4	2.2	2.0	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	47.1	0.9	0.9	0.8	0.8	0.8	0.6	0.6	
Colon excluding Rectum																									
Rate	44.6	40.1	35.1	36.6	38.8	34.1	28.5	22.3	43.5	43.9	39.5	38.8	39.8	34.9	29.7	25.1	44.6	45.1	40.5	38.6	40.4	35.1	30.0	25.6	
95% CI (+/-)	2.4	2.4	2.2	2.3	2.3	2.1	1.9	1.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.4	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.5	
Rectum & Rectosigmoid																									
Rate	15.3	13.8	12.4	12.0	11.5	10.8	9.1	8.5	15.3	14.5	13.3	12.6	12.9	11.6	10.2	8.9	15.6	14.9	14.2	12.8	13.1	11.7	10.1	8.9	
95% CI (+/-)	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.1	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.3	
Liver / Intrahepatic Bile Duct																									
Rate	1.9	1.5	2.2	3.3	3.2	3.5	3.2	4.4	2.3	2.1	2.5	3.1	3.5	3.7	4.2	4.7	2.0	1.8	2.1	2.6	2.7	2.9	3.3	3.9	
95% CI (+/-)	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Pancreas																									
Rate	10.8	11.8	10.7	11.6	12.3	11.2	13.1	11.8	10.8	11.0	11.0	11.1	11.6	11.6	12.1	12.4	10.5	10.5	10.8	10.7	11.5	11.8	12.2	12.8	
95% CI (+/-)	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.2	0.3	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	0.4	0.4	
Larynx																									
Rate	1.4	1.7	1.6	1.2	1.5	0.9	1.2	0.8	1.9	2.3	2.5	2.2	1.9	1.6	1.5	1.2	1.9	2.2	2.3	2.2	1.9	1.7	1.5	1.4	
95% CI (+/-)	0.4	0.6	0.5	0.5	0.5	0.4	0.5	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	
Lung and Bronchus																									
Rate	33.1	39.3	44.2	49.8	52.2	52.1	53.0	46.3	30.2	38.7	45.4	51.0	54.0	54.7	55.9	53.2	31.5	41.5	49.3	55.8	60.7	63.3	64.2	61.8	
95% CI (+/-)	2.1	2.4	2.6	2.7	2.7	2.7	2.6	2.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.8	0.8	0.8	0.9	0.9	0.8	0.8	

(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, 1976-2015 and 1976-2016 (continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)							
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016
Melanoma of the Skin																								
Rate	7.3	8.4	7.3	7.4	9.1	13.8	15.3	15.2	6.0	6.9	6.2	6.3	8.7	11.9	14.0	14.6	6.6	8.1	7.3	7.4	10.4	13.9	17.4	19.3
95% CI (+/-)	1.1	1.2	1.1	1.1	1.2	1.4	1.5	1.4	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.7	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.5
Female Breast																								
Rate	107.3	120.8	121.0	131.9	142.1	138.2	140.9	141.4	101.5	110.6	121.3	128.0	133.9	126.2	128.9	130.7	103.3	115.0	126.5	131.4	141.5	134.6	135.5	138.1
95% CI (+/-)	3.8	4.4	4.4	4.4	4.5	4.3	4.4	4.3	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.9	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Cervix Uteri																								
Rate	10.9	9.0	9.4	10.9	7.5	7.6	7.2	6.4	13.3	11.7	11.9	11.9	10.1	8.8	8.2	7.7	11.6	10.0	10.3	9.9	8.5	7.4	7.2	6.9
95% CI (+/-)	1.3	1.3	1.3	1.4	1.1	1.1	1.1	1.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Corpus Uterus and NOS																								
Rate	22.9	23.4	20.6	21.8	28.3	30.7	28.2	30.3	23.7	22.8	22.5	24.9	27.4	28.7	30.2	31.7	26.1	24.8	24.3	26.2	28.2	29.4	30.6	32.4
95% CI (+/-)	1.7	1.9	1.8	1.8	2.1	2.1	1.9	1.9	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Ovary																								
Rate	17.1	16.8	17.7	17.7	17.0	15.3	13.8	12.9	16.2	16.7	16.5	17.1	15.6	14.1	13.2	12.1	17.0	17.3	17.4	17.7	16.3	14.9	13.5	12.5
95% CI (+/-)	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Urinary Bladder-incl. in situ																								
Rate	10.6	10.8	11.0	11.0	14.0	12.2	10.6	10.5	9.9	10.3	10.2	10.8	11.6	11.3	10.7	10.3	10.2	10.9	11.0	11.8	12.9	13.0	12.4	12.3
95% CI (+/-)	1.2	1.3	1.3	1.3	1.4	1.3	1.2	1.2	0.3	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	0.4	0.4
Kidney and Renal Pelvis																								
Rate	4.5	5.8	6.2	7.1	8.1	9.2	10.1	9.3	5.0	5.9	6.8	7.6	8.9	10.0	10.9	10.8	5.3	6.4	7.2	8.2	9.5	10.9	12.0	11.9
95% CI (+/-)	0.8	1.0	1.0	1.0	1.1	1.1	1.2	1.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Brain and Other Nervous System																								
Rate	4.6	5.9	5.6	7.3	6.8	5.9	5.2	5.3	4.7	5.3	5.8	6.3	6.2	5.8	5.7	5.5	4.9	5.8	6.0	6.5	6.4	6.2	6.1	6
95% CI (+/-)	0.8	1.0	1.0	1.1	1.1	0.9	0.9	0.9	0.2	0.3	0.3	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
Thyroid																								
Rate	4.5	5.2	5.6	8.0	13.2	19.3	28.8	29.9	4.6	5.3	5.5	7.7	11.6	16.4	25.4	29.1	4.6	5.3	5.7	7.8	12.6	17.6	25.6	28.4
95% CI (+/-)	0.9	1.0	1.0	1.2	1.5	1.8	2.2	2.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7
Hodgkin Lymphoma																								
Rate	3.2	3.4	2.6	3.4	3.1	4.0	3.3	3.3	2.9	2.9	2.9	2.9	2.9	3.0	2.9	3.0	3.0	3.2	3.1	3.3	3.1	3.1	3.0	3
95% CI (+/-)	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Non-Hodgkin Lymphomas																								
Rate	10.5	12.1	13.0	16.1	18.2	19.4	19.2	20.0	10.4	12.2	13.7	15.6	17.3	17.8	18.3	17.9	10.5	12.0	13.9	15.4	18.0	18.6	19.1	18.8
95% CI (+/-)	1.2	1.4	1.4	1.5	1.6	1.7	1.6	1.6	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
Multiple Myeloma																								
Rate	4.8	4.1	4.2	5.1	5.0	5.0	6.8	6.9	4.2	4.3	4.7	5.1	5.5	5.8	6.4	6.7	4.1	3.9	4.5	4.8	5.2	5.2	6.0	6.2
95% CI (+/-)	0.8	0.8	0.8	0.9	0.8	0.8	1.0	1.0	0.2	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	0.3
Leukemias																								
Rate	10.2	10.9	8.9	9.7	10.5	11.3	14.2	13.1	9.6	9.7	9.7	10.1	10.9	11.1	12.0	12.4	10.1	10.0	10.1	10.4	11.5	12.2	12.8	13.4
95% CI (+/-)	1.2	1.3	1.2	1.2	1.2	1.3	1.4	1.4	0.3	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	0.4	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 2018. Incidence data are provisional.

Table 10: Childhood Cancer Incidence by Selected Counties and New York State, 2011-2015 and 2012-2016.

Region/County	Combined Ages 0-19 (2011-2015)		
	Average		
	Annual Cases	Rate	95% CI (+/-)
Westchester	54.2	215.1	26.1
Putnam	5.2	209.9	86.9
Rockland	23.6	242.5	44.9
Suffolk	90.8	236.6	22.1
Nassau	79.0	231.4	23.2
New York City	413.4	205.1	8.9
Bronx	86.6	209.3	20.0
Kings (Brooklyn)	134.8	201.3	15.5
(Manhattan)	64.6	222.3	25.0
Queens	99.6	189.5	16.9
Richmond (Staten Island)	27.8	234.9	40.0
New York State	1015.6	209.4	5.8
New York State excl. NYC	601.6	212.0	7.6

(continue)

Table 10: Childhood Cancer Incidence by Selected Counties and New York State, 2011-2015 and 2012-2016 (*continued*).

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	--	--	--	--	57.2	228.3	26.9
Putnam	--	--	--	--	5.4	219.4	88.9
Rockland	--	--	--	--	24.2	247.5	45.2
Suffolk	--	--	--	--	88.4	232.2	22.0
Nassau	--	--	--	--	79.2	233.0	23.4
New York City	136.6	72.8	85.8	133.2	428.4	213.5	9.2
Bronx	--	--	--	--	90.0	219.0	20.5
Kings (Brooklyn)	--	--	--	--	141.2	212.1	16.0
New York County (Manhattan)	--	--	--	--	66.0	229.7	25.5
Queens	--	--	--	--	102.0	194.1	17.1
Richmond (Staten Island)	--	--	--	--	29.2	249.3	41.4
New York State	289.8	168.6	209.8	361.8	1030.0	213.9	5.8
New York State excl. NYC	152.0	95.6	124.0	228.6	600.2	213.5	7.7

Incidence data are provisional, November 2018.

Rates are per 1,000,000 children, age-adjusted (10-14 yrs and 15-19 yrs) to the 2000 US standard population, with 95% confidence interval.

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

-- Data not available for these age ranges.

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/>.

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Selected County and Gender, 2015 & 2016

	Males Diagnosed in Last 5 Years (2015)						
	All cancers	Colorectal		Lung		Prostate	
	Number	Number	%	Number	%	Number	%
Westchester	8,360	680	8.1	380	4.5	3,550	42.5
Putnam	950	70	7.4	40	4.2	380	40.0
Rockland	2,650	210	7.9	120	4.5	1,120	42.3
Suffolk	13,400	1,070	8.0	610	4.6	5,480	40.9
Nassau	12,210	990	8.1	570	4.7	5,110	41.9
New York City	60,100	4,990	8.3	2,670	4.4	26,990	44.9
Bronx	9,270	750	8.1	380	4.1	4,530	48.9
Kings (Brooklyn)	17,680	1,440	8.1	760	4.3	8,310	47.0
New York (Manhattan)	12,520	1,020	8.1	560	4.5	5,360	42.8
Queens	16,700	1,450	8.7	790	4.7	7,160	42.9
Richmond (Staten Island)	3,930	320	8.1	180	4.6	1,620	41.2
New York State	163,350	13,220	8.1	7,410	4.5	69,920	42.8
New York State excluding NYC	103,250	8,230	8.0	4,740	4.6	42,930	41.6

	Females Diagnosed in Last 5 Years (2015)						
	All cancers	Colorectal		Lung		Breast	
	Number	Number	%	Number	%	Number	%
Westchester	8,730	660	7.6	520	6.0	3,040	34.8
Putnam	930	60	6.5	50	5.4	330	35.5
Rockland	2,690	200	7.4	160	5.9	930	34.6
Suffolk	13,600	980	7.2	800	5.9	4,720	34.7
Nassau	12,570	940	7.5	750	6.0	4,360	34.7
New York City	64,930	4,990	7.7	3,620	5.6	22,640	34.9
Bronx	10,190	800	7.9	550	5.4	3,610	35.4
Kings (Brooklyn)	19,010	1,480	7.8	1,030	5.4	6,660	35.0
New York (Manhattan)	13,460	1,000	7.4	770	5.7	4,590	34.1
Queens	18,100	1,400	7.7	1,020	5.6	6,320	34.9
Richmond (Staten Island)	4,170	300	7.2	240	5.8	1,440	34.5
New York State	167,570	12,490	7.5	9,800	5.8	58,130	34.7
New York State excluding NYC	102,650	7,500	7.3	6,180	6.0	35,490	34.6

(continue)

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Selected County and Gender, 2015 and 2016 (continued)

	Males Ever Diagnosed (2015)						
	All cancers	Colorectal		Lung		Prostate	
	Number	Number	%	Number	%	Number	%
Westchester	25,400	2,070	8.1	680	2.7	11,910	46.9
Putnam	2,790	220	7.9	70	2.5	1,190	42.7
Rockland	8,010	650	8.1	220	2.7	3,750	46.8
Suffolk	40,210	3,220	8.0	1,070	2.7	17,880	44.5
Nassau	37,160	3,060	8.2	1,000	2.7	17,220	46.3
New York City	174,520	14,270	8.2	4,650	2.7	86,040	49.3
Bronx	26,270	2,080	7.9	660	2.5	13,970	53.2
Kings (Brooklyn)	51,020	4,110	8.1	1,320	2.6	26,340	51.6
New York (Manhattan)	37,310	3,020	8.1	990	2.7	17,670	47.4
Queens	48,370	4,130	8.5	1,360	2.8	22,940	47.4
Richmond (Staten Island)	11,550	930	8.1	310	2.7	5,120	44.3
New York State	486,650	39,370	8.1	13,000	2.7	227,790	46.8
New York State excluding NYC	312,120	25,100	8.0	8,350	2.7	141,740	45.4

	Females Ever Diagnosed (2015)						
	All cancers	Colorectal		Lung		Breast	
	Number	Number	%	Number	%	Number	%
Westchester	29,550	2,180	7.4	950	3.2	10,800	36.5
Putnam	3,100	200	6.5	100	3.2	1,120	36.1
Rockland	9,060	650	7.2	290	3.2	3,310	36.5
Suffolk	45,900	3,140	6.8	1,480	3.2	16,670	36.3
Nassau	42,850	3,140	7.3	1,390	3.2	15,690	36.6
New York City	206,750	15,720	7.6	6,450	3.1	75,410	36.5
Bronx	31,680	2,480	7.8	970	3.1	11,660	36.8
Kings (Brooklyn)	59,410	4,640	7.8	1,820	3.1	21,740	36.6
New York (Manhattan)	43,960	3,230	7.3	1,400	3.2	15,850	36.1
Queens	57,820	4,410	7.6	1,820	3.1	21,130	36.5
Richmond (Staten Island)	13,880	950	6.8	440	3.2	5,030	36.2
New York State	557,280	40,320	7.2	17,870	3.2	203,160	36.5
New York State excluding NYC	350,550	24,600	7.0	11,420	3.3	127,750	36.4

Estimated number of residents alive as of January 1, 2015, diagnosed with cancer within the last 5 years or anytime in the past, respectively.

Numbers are rounded to the nearest 10.

Source: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/>

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Selected County and Gender, 2015 and 2016 (*continued*).

	Males Diagnosed in Last 5 Years (2016)						
	All cancers	Colorectal		Lung		Prostate	
	Number	Number	%	Number	%	Number	%
Westchester	8,490	680	8.0	400	4.7	3,600	42.4
Putnam	970	70	7.2	40	4.1	390	40.2
Rockland	2,660	210	7.9	130	4.9	1,130	42.5
Suffolk	13,510	1,060	7.8	630	4.7	5,510	40.8
Nassau	12,340	990	8.0	590	4.8	5,170	41.9
New York City	62,220	5,120	8.2	2,870	4.6	28,130	45.2
Bronx	9,610	780	8.1	410	4.3	4,730	49.2
Kings (Brooklyn)	18,230	1,480	8.1	810	4.4	8,610	47.2
New York (Manhattan)	13,020	1,050	8.1	610	4.7	5,600	43.0
Queens	17,350	1,490	8.6	850	4.9	7,530	43.4
Richmond (Staten Island)	4,000	320	8.0	190	4.8	1,650	41.3
New York State	166,050	13,230	8.0	7,750	4.7	71,180	42.9
New York State excluding NYC	103,840	8,100	7.8	4,880	4.7	43,050	41.5

	Females Diagnosed in Last 5 Years (2016)						
	All cancers	Colorectal		Lung		Breast	
	Number	Number	%	Number	%	Number	%
Westchester	8,880	640	7.2	530	6.0	3,040	34.2
Putnam	950	60	6.3	50	5.3	340	35.8
Rockland	2,720	190	7.0	160	5.9	950	34.9
Suffolk	13,600	980	7.2	800	5.9	4,720	34.7
Nassau	12,730	920	7.2	760	6.0	4,470	35.1
New York City	67,110	4,930	7.3	3,770	5.6	23,610	35.2
Bronx	10,520	790	7.5	560	5.3	3,770	35.8
Kings (Brooklyn)	19,600	1,450	7.4	1,070	5.5	6,920	35.3
New York (Manhattan)	14,000	1,000	7.1	820	5.9	4,830	34.5
Queens	18,720	1,390	7.4	1,070	5.7	6,600	35.3
Richmond (Staten Island)	4,260	290	6.8	250	5.9	1,500	35.2
New York State	171,020	12,220	7.1	10,030	5.9	59,990	35.1
New York State excluding NYC	103,920	7,290	7.0	6,260	6.0	36,370	35.0

(*continue*)

Table 11. Estimated Cancer Prevalence for Selected Cancer Sites by Selected County and Gender, 2015 and 2016 (*continued*)

	Males Ever Diagnosed (2016)						
	All cancers	Colorectal		Lung		Prostate	
	Number	Number	%	Number	%	Number	%
Westchester	26,400	2,060	7.8	690	2.6	12,750	48.3
Putnam	2,920	220	7.5	80	2.7	1,290	44.2
Rockland	8,260	640	7.7	220	2.7	3,980	48.2
Suffolk	41,450	3,190	7.7	1,100	2.7	18,950	45.7
Nassau	38,350	3,030	7.9	1,030	2.7	18,300	47.7
New York City	185,760	14,820	8.0	4,950	2.7	95,020	51.2
Bronx	28,050	2,180	7.8	710	2.5	15,400	54.9
Kings (Brooklyn)	54,210	4,280	7.9	1,400	2.6	28,980	53.5
New York (Manhattan)	40,030	3,140	7.8	1,070	2.7	19,740	49.3
Queens	51,420	4,290	8.3	1,450	2.8	25,380	49.4
Richmond (Staten Island)	12,050	930	7.7	330	2.7	5,520	45.8
New York State	506,630	39,540	7.8	13,490	2.7	244,840	48.3
New York State excluding NYC	320,860	24,710	7.7	8,550	2.7	149,820	46.7

	Females Ever Diagnosed (2016)						
	All cancers	Colorectal		Lung		Breast	
	Number	Number	%	Number	%	Number	%
Westchester	30,240	2,130	7.0	980	3.2	11,180	37.0
Putnam	3,190	190	6.0	100	3.1	1,170	36.7
Rockland	9,240	640	6.9	300	3.2	3,410	36.9
Suffolk	46,870	3,080	6.6	1,510	3.2	17,220	36.7
Nassau	43,630	3,060	7.0	1,420	3.3	16,150	37.0
New York City	215,730	15,750	7.3	6,770	3.1	79,480	36.8
Bronx	33,050	2,480	7.5	1,010	3.1	12,290	37.2
Kings (Brooklyn)	61,900	4,640	7.5	1,910	3.1	22,870	36.9
New York (Manhattan)	46,220	3,270	7.1	1,490	3.2	16,870	36.5
Queens	60,290	4,410	7.3	1,910	3.2	22,210	36.8
Richmond (Staten Island)	14,280	940	6.6	460	3.2	5,240	36.7
New York State	572,650	39,790	6.9	18,380	3.2	211,080	36.9
New York State excluding NYC	356,930	24,040	6.7	11,610	3.3	131,610	36.9

Estimated number of residents alive as of January 1, 2016, diagnosed with cancer within the last 5 years or anytime in the past, respective Numbers are rounded to the nearest 10.

Source: New York State Department of Health, New York State Cancer Registry <http://www.health.state.ny.us/cancer/registry/>

Table 12. Average Annual Mortality Rates by Sex, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)	
	Males			Females			Males			Females			Males			Females			Male	Femal
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	777.0	153.8	5.0	863.8	122.4	3.8	17,470.2	180.8	1.2	17,499.0	133.7	0.9	11,406.4	187.0	1.2	11,109.0	139.9	1.2	196.8	139.6
Oral Cavity and Pharynx	13.8	2.7	0.7	6.6	0.9	0.4	338.4	3.3	0.2	152.8	1.2	0.0	201.6	3.1	0.2	93.0	1.1	0.2	3.9	1.3
Esophagus	23.4	4.5	0.9	12.0	1.6	0.5	656.2	6.6	0.3	205.4	1.5	0.1	489.4	7.7	0.1	137.4	1.7	0.1	7.2	1.5
Stomach	22.8	4.5	0.9	18.4	2.6	0.6	493.6	5.1	0.2	345.6	2.6	0.2	244.6	4.0	0.2	156.0	2.0	0.2	4.3	2.3
Colorectal	70.6	13.7	1.5	75.2	10.5	1.2	1,560.0	16.1	0.4	1,572.6	11.6	0.3	957.4	15.7	0.4	934.6	11.3	0.4	17.3	12.2
Colon excluding Rectum	57.6	11.2	1.4	62.4	8.7	1.0	1,247.4	13.0	0.4	1,332.8	9.8	0.2	755.2	12.5	0.3	789.4	9.5	0.3	--	--
Rectum & Rectosigmoid	13.0	2.5	0.7	12.8	1.8	0.5	312.6	3.2	0.2	239.8	1.8	0.1	202.2	3.3	0.1	145.2	1.8	0.1	--	--
Liver / Intrahepatic Bile Duct	38.6	7.3	1.1	27.0	3.9	0.7	938.0	9.0	0.3	474.4	3.6	0.2	510.8	7.8	0.2	255.0	3.2	0.2	9.4	3.8
Pancreas	60.4	11.9	1.4	67.2	9.3	1.1	1,250.2	12.7	0.3	1,290.2	9.7	0.2	807.8	13.0	0.4	799.6	9.8	0.4	12.5	9.6
Larynx	6.8	1.3	0.5	1.0	0.2	0.2	191.2	1.9	0.1	51.8	0.4	0.1	117.0	1.8	0.1	31.2	0.4	0.1	1.8	0.4
Lung and Bronchus	183.2	36.3	2.4	201.6	28.4	28.5	4,564.0	46.8	0.6	4,196.4	32.3	0.4	3,133.6	50.8	0.6	2,959.0	37.8	0.6	53.8	35.4
Melanoma of the Skin	17.0	3.4	0.8	13.0	1.8	0.5	295.0	3.0	0.2	172.4	1.3	0.1	232.8	3.8	0.2	126.6	1.6	0.2	3.9	1.6
Female Breast	--	--	--	126.6	18.6	18.6	--	--	--	2,553.8	19.8	0.4	--	--	--	1,526.8	19.6	0.4	--	20.9
Cervix Uteri	--	--	--	10.2	1.6	0.5	--	--	--	276.8	2.3	0.2	--	--	--	137.6	2.0	0.2	--	2.3
Corpus Uterus and NOS	--	--	--	39.2	5.6	0.8	--	--	--	733.2	5.6	0.2	--	--	--	398.0	5.0	0.2	--	4.6
Ovary*	--	--	--	52.2	7.6	1.0	--	--	--	935.8	7.2	0.3	--	--	--	595.4	7.6	0.3	--	7.2*
Prostate	86.4	17.6	1.7	--	--	--	1,667.8	18.4	0.4	--	--	--	987.8	17.1	0.5	--	--	--	19.5	--
Testis	0.2	0	0.1	--	--	--	18.8	0.2	0	--	--	--	11.4	0.2	0.1	--	--	--	0.2	--
Urinary Bladder (incl. in situ)	31.0	6.2	1.0	13.4	1.7	0.4	680.6	7.4	0.3	312.8	2.2	0.2	470.6	8.0	0.3	205.6	2.4	0.2	7.6	2.2
Kidney and Renal Pelvis	20.0	4.0	0.9	8.2	1.1	0.4	455.4	4.7	0.2	259.0	1.9	0.1	317.4	5.1	0.3	177.2	2.2	0.2	5.6	2.4
Brain and Other Nervous System	22.2	4.3	0.9	21.4	3.2	0.7	444.0	4.4	0.2	387.2	3.1	0.2	311.6	5.0	0.3	256.6	3.5	0.2	5.3	3.6
Thyroid	3.0	0.6	0.4	3.0	0.4	0.3	51.2	0.5	0.1	70.4	0.5	0.1	33.0	0.5	0.1	40.0	0.5	0.1	0.5	0.5
Hodgkin Lymphoma	1.6	0.3	0.3	1.2	0.2	0.2	37.2	0.4	0.1	34.8	0.3	0.1	20.2	0.3	0.1	19.6	0.3	0.1	0.4	0.3
Non-Hodgkin Lymphomas	28.6	5.7	1.0	33.2	4.5	0.7	665.0	7.1	0.3	555.6	4.2	0.2	436.8	7.4	0.3	361.2	4.4	0.2	7.4	4.5
Multiple Myeloma	16.8	3.2	0.7	17.8	2.4	0.6	359.4	3.7	0.2	330.6	2.5	0.1	228.6	3.8	0.3	203.6	2.5	0.2	4.2	2.7
Leukemias	40.8	8.3	1.2	30.4	4.2	0.8	803.0	8.6	0.3	610.6	4.7	0.2	538.8	9.2	0.4	396.2	5.0	0.3	9.0	5.0

(continue)

Table 12. Average Annual Mortality Rates by Sex, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (*continued*).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	Males			Females			Males			Females			Males			Females			Male	Female
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	715.2	137.4	4.6	790.6	109.7	3.6	17,531.8	176.1	1.2	17,454.6	130.4	0.9	11,277.8	181.6	1.6	10,932.4	135.9	1.2	193.1	137.7
Oral Cavity and Pharynx	13.8	2.6	0.7	6.0	0.8	0.3	348.2	3.3	0.2	154.2	1.1	0.0	207.6	3.2	0.2	91.6	1.1	0.1	3.9	1.3
Esophagus	23.2	4.4	0.9	10.6	1.5	0.4	658.2	6.4	0.2	201.4	1.5	0.1	488.2	7.6	0.3	132.0	1.6	0.1	7.1	1.5
Stomach	22.2	4.2	0.8	17.2	2.4	0.6	510.6	5.1	0.2	338.0	2.5	0.2	241.0	3.8	0.3	152.4	1.9	0.2	4.2	2.3
Colorectal	66.0	12.6	1.5	69.2	9.4	1.1	1,536.2	15.4	0.4	1,542.6	11.2	0.3	927.0	15.0	0.5	904.0	10.9	0.4	16.9	11.9
Colon excluding Rectum	53.0	10.1	1.3	55.0	7.4	1.0	1,215.4	12.3	0.3	1,297.6	9.3	0.3	724.4	11.7	0.4	757.2	9.0	0.3	--	--
Rectum & Rectosigmoid	13.0	2.5	0.7	14.2	2.0	0.5	320.8	3.2	0.2	245.0	1.8	0.1	202.6	3.2	0.3	146.8	1.8	0.2	--	--
Liver / Intrahepatic Bile Duct	35.6	6.5	1.0	21.6	3.1	0.7	977.0	9.1	0.3	478.2	3.6	0.2	518.4	7.8	0.3	253.8	3.2	0.2	9.6	3.9
Pancreas	56.2	10.6	1.3	62.4	8.5	1.0	1,282.8	12.6	0.4	1,308.0	9.6	0.3	818.8	12.9	0.4	800.4	9.7	0.4	12.6	9.6
Larynx	6.4	1.2	0.5	0.6	0.1	0.2	193.0	1.9	0.2	48.2	0.4	0.1	116.4	1.8	0.2	29.4	0.4	0.1	1.8	0.4
Lung and Bronchus	160.0	30.9	2.2	184.8	25.4	1.7	4,464.2	44.5	0.6	4,107.2	30.8	0.5	3,042.2	48.4	0.8	2,883.2	36.2	0.6	51.6	34.4
Melanoma of the Skin	15.4	3.0	0.7	9.8	1.3	0.4	290.0	2.9	0.2	168.4	1.3	0.1	223.6	3.6	0.3	123.0	1.6	0.2	3.7	1.5
Female Breast	--	--	--	113.6	16.4	1.4	--	--	--	2,542.6	19.4	0.3	--	--	--	1,494.8	19.0	0.4	--	20.6
Cervix Uteri	--	--	--	9.8	1.5	0.5	--	--	--	274.6	2.3	0.1	--	--	--	136.6	2.0	0.2	--	2.3
Corpus Uterus and NOS	--	--	--	40.2	5.6	0.8	--	--	--	761.0	5.7	0.2	--	--	--	401.2	5.0	0.3	--	4.7
Ovary*	--	--	--	47.4	6.8	0.9	--	--	--	925.6	7.0	0.2	--	--	--	577.2	7.3	0.3	--	7.0*
Prostate	82.6	16.3	1.6	--	--	--	1,673.8	17.9	0.4	--	--	--	982.8	16.7	0.5	--	--	--	19.2	--
Testis	0	0	0.1	--	--	--	18.6	0.2	0	--	--	--	11.6	0.2	0.1	--	--	--	0.3	--
Urinary Bladder (incl. in situ)	29.2	5.7	1.0	12.4	1.5	0.4	693.6	7.3	0.3	313.2	2.2	0.1	473.6	7.9	0.3	205.4	2.4	0.2	7.6	2.1
Kidney and Renal Pelvis	18.2	3.5	0.8	7.8	1.0	0.4	451.8	4.5	0.2	248.2	1.8	0.1	309.4	4.9	0.3	166.8	2.0	0.2	5.5	2.3
Brain and Other Nervous System	23.4	4.4	0.9	20.6	3.1	0.6	464.2	4.5	0.2	394.6	3.1	0.2	324.8	5.1	0.3	260.2	3.5	0.2	5.4	3.6
Thyroid	3.2	0.6	0.4	2.6	0.4	0.2	51.0	0.5	0.1	72.6	0.5	0.1	30.2	0.5	0.1	40.8	0.5	0.1	0.5	0.5
Hodgkin Lymphoma	1.2	0.2	0.2	1.6	0.2	0.2	34.8	0.4	0.1	33.8	0.3	0.1	18.8	0.3	0.1	20.2	0.3	0.1	0.4	0.2
Non-Hodgkin Lymphomas	26.4	5.1	0.9	29.2	4.0	0.7	668.8	6.9	0.2	554.8	4.1	0.2	427.0	7.1	0.3	351.2	4.2	0.2	7.3	4.4
Multiple Myeloma	14.4	2.7	0.7	17.0	2.3	0.6	369.2	3.7	0.2	339.4	2.5	0.1	220.8	3.6	0.3	204.8	2.5	0.2	4.2	2.7
Leukemias	34.6	6.8	1.1	27.4	3.6	0.7	798.6	8.3	0.3	615.6	4.6	0.2	521.8	8.8	0.4	384.8	4.7	0.2	8.8	4.9

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.

NYSR 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, 8451, 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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Mortality Rates Among White and Black Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)	
	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	Cases	Rate	Annual	Cases	Rate	Annual	Cases	Rate	Annual	Cases	Rate	Annual	Cases	Rate	Annual	Cases	Rate	Rate	Rate
All Invasive Malignant Tumors	640.4	151.3	5.3	114.8	196.0	16.9	14,111.8	182.5	1.4	2,351.2	187.2	3.6	10,424.4	187.7	1.7	771.0	206.3	7.0	196.4	239.9
Oral Cavity and Pharynx	11.6	2.7	0.7	2.0	3.3	2.4	252.8	3.1	0.2	53.2	3.7	0.5	180.8	3.1	0.2	15.2	3.4	0.9	3.8	4.8
Esophagus	18.0	4.3	1.0	4.6	7.2	3.2	567.6	7.1	0.3	57.8	4.3	0.6	460.6	8.0	0.4	22.0	5.6	1.2	7.6	5.8
Stomach	16.4	3.9	0.9	5.6	9.5	3.8	331.2	4.3	0.2	95.0	7.7	0.7	204.4	3.7	0.2	32.2	8.8	1.5	3.7	8.3
Colorectal	55.4	13.0	1.6	12.4	20.2	5.4	1,228.2	15.9	0.4	229.6	18.0	1.1	866.4	15.7	0.5	70.4	18.7	2.1	16.8	24.4
Colon excluding Rectum	43.6	10.2	1.5	11.2	18.2	5.2	977.6	12.7	0.4	188.0	14.8	1.0	679.6	12.3	0.5	59.0	15.6	1.9	--	--
Rectum & Rectosigmoid	11.8	2.8	0.8	1.2	1.9	1.8	250.6	3.2	0.2	41.6	3.2	0.5	186.8	3.3	0.3	11.4	3.1	0.9	--	--
Liver / Intrahepatic Bile Duct	31.4	7.3	1.2	6.2	8.9	3.4	653.2	8.0	0.3	165.4	11.1	0.8	426.4	7.3	0.3	59.4	13.2	1.6	8.7	13.2
Pancreas	52.8	12.4	1.6	6.2	9.9	3.8	1,030.0	13.1	0.4	157.2	11.9	0.9	743.2	13.2	0.5	48.4	12.3	1.7	12.6	9.5
Larynx	5.0	1.2	0.5	1.6	2.9	2.3	143.6	1.8	0.1	36.2	2.8	0.5	101.2	1.7	0.2	13.8	3.8	1.0	1.7	3.3
Lung and Bronchus	150.8	35.7	2.7	27.6	47.5	8.4	3,748.8	48.1	0.7	566.2	43.8	1.7	2,878.6	51.3	0.9	210.6	55.1	3.6	53.9	65.1
Melanoma of the Skin	16.6	4.1	1.0	0.4	0.6	1.1	287.2	3.7	0.2	5.2	0.4	0.2	230.6	4.2	0.3	1.2	0.3	0.3	4.5	0.5
Prostate	68.4	16.1	1.8	16.8	34.2	7.7	1,237.0	16.6	0.5	364.8	35.2	1.7	881.2	16.5	0.5	92.2	30.8	3.0	18.2	39.9
Testis	0.2	0.1	0.2	0.0	0.0	0.6	16.4	0.2	0.1	1.4	0.1	0.1	11.0	0.2	0.1	0.2	0.0	0.1	0.3	0.1
Urinary Bladder (incl. in situ)	27.8	6.5	1.1	2.6	4.3	2.7	606.6	8.0	0.3	51.4	4.6	0.6	448.8	8.3	0.4	16.8	5.1	1.2	8.0	5.3
Kidney and Renal Pelvis	16.4	4.0	0.9	2.4	3.3	2.2	387.2	5.0	0.3	49.0	3.8	0.5	293.8	5.2	0.3	18.4	4.9	1.1	5.8	5.5
Brain and Other Nervous System*	19.6	4.7	1.0	2.2	3.3	2.2	388.2	5.0	0.3	35.6	2.5	0.4	293.8	5.3	0.3	13.2	2.9	0.8	5.8	3.2
Thyroid	2.6	0.6	0.4	0.2	0.3	0.8	43.8	0.6	0.1	4.2	0.3	0.2	30.8	0.6	0.1	1.4	0.4	0.3	0.5	0.4
Hodgkin Lymphoma	0.6	0.1	0.2	0.8	1.1	1.3	30.4	0.4	0.1	5.4	0.4	0.2	17.6	0.3	0.1	2.2	0.4	0.3	0.4	0.4
Non-Hodgkin Lymphomas	24.0	5.7	1.1	3.6	6.0	3.1	562.2	7.4	0.3	67.4	5.2	0.6	407.4	7.5	0.3	20.6	5.5	1.2	7.7	5.4
Multiple Myeloma	13.6	3.1	0.8	3.0	5.1	2.9	272.2	3.5	0.2	72.8	5.8	0.6	203.4	3.7	0.3	22.0	6.0	1.2	4.0	7.5
Leukemias	35.0	8.5	1.3	3.6	6.6	3.3	679.6	9.1	0.3	79.6	6.1	0.7	499.8	9.3	0.4	26.2	6.9	1.3	9.3	7.4

(continue)

Table 13. Average Annual Mortality Rates Among White and Black Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued)

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Rate	Rate
All Invasive Malignant Tumors	589.4	135.5	5.0	103.4	171.3	15.6	14,089.6	178.0	1.4	2,354.8	179.4	3.5	10,303.0	182.6	1.6	750.0	196.0	6.7	193.0	233.5
Oral Cavity and Pharynx	11.8	2.7	0.7	2.0	3.3	2.3	265.8	3.2	0.2	47.4	3.2	0.5	187.8	3.2	0.2	14.0	3.1	0.8	3.8	4.7
Esophagus	18.2	4.2	0.9	4.4	6.9	3.2	569.4	7.0	0.3	57.8	4.3	1.0	457.6	7.8	0.4	23.4	6.0	1.2	7.5	5.6
Stomach	15.6	3.6	0.9	5.0	7.8	3.4	336.8	4.3	0.3	100.0	7.6	0.7	201.0	3.5	0.3	31.8	8.4	1.5	3.7	8.2
Colorectal	50.6	11.7	1.5	13.2	20.9	5.5	1,197.4	15.2	0.4	233.0	17.3	1.1	836.6	14.9	0.5	68.0	17.1	2.0	16.5	23.8
Colon excluding Rectum	39.0	9.0	1.3	11.8	18.6	5.2	945.0	12.0	0.4	187.2	13.9	0.9	650.2	11.6	0.5	57.0	14.1	1.8	--	--
Rectum & Rectosigmoid	11.6	2.7	0.8	1.4	2.3	2.0	252.4	3.2	0.2	45.8	3.4	0.5	186.4	3.3	0.2	11.0	3.0	0.9	--	--
Liver / Intrahepatic Bile Duct	29.2	6.5	1.1	5.4	7.3	3.1	673.4	8.1	0.3	171.8	11.3	0.8	434.4	7.3	0.3	58.8	13.2	1.7	8.9	13.2
Pancreas	49.4	11.1	1.5	5.6	8.6	3.5	1,046.0	13.0	0.4	165.6	11.9	0.9	749.8	13.1	0.5	51.2	12.6	1.7	12.6	14.8
Larynx	4.6	1.1	0.5	1.6	2.8	2.2	145.0	1.8	0.2	37.6	2.8	0.5	100.4	1.7	0.2	14.0	3.8	1.0	1.7	3.1
Lung and Bronchus	131.8	30.4	2.4	23.0	39.0	7.5	3,646.6	45.7	0.7	551.0	41.0	1.6	2,792.4	48.9	0.8	200.6	51.5	3.4	51.7	62.1
Melanoma of the Skin	15.2	3.6	0.9	0.2	0.3	0.9	281.6	3.6	0.2	4.4	0.3	0.2	221.4	4.0	0.2	1.2	0.3	0.3	4.3	0.4
Prostate	65.4	14.9	1.7	16.2	32.3	7.4	1,238.2	16.2	0.4	364.2	33.1	1.6	875.2	16.1	0.5	90.8	29.5	2.9	18.0	38.9
Testis	0	0	0.1	0	0	0.6	16.4	0.2	0.1	1.2	0.1	0.1	11.0	0.2	0.1	0.2	0	0.1	0.3	0.1
Urinary Bladder (incl. in situ)	26.4	6.0	1.1	2.0	3.4	2.4	616.0	8.0	0.3	51.6	4.4	0.6	452.6	8.2	0.4	14.8	4.4	1.1	8.0	5.4
Kidney and Renal Pelvis	14.4	3.3	0.8	2.6	3.4	2.1	380.4	4.7	0.3	50.2	3.7	0.5	285.0	5.0	0.3	19.0	4.9	1.1	5.7	5.5
Brain and Other Nervous System*	20.6	4.8	1.0	2.0	2.8	2.0	404.4	5.1	0.3	36.8	2.5	0.4	306.8	5.4	0.3	12.4	2.6	0.7	5.8	3.2
Thyroid	2.6	0.6	0.4	0.2	0.3	0.8	41.8	0.5	0.1	5.0	0.4	0.2	27.8	0.5	0.1	1.4	0.4	0.4	0.5	0.4
Hodgkin Lymphoma	0.6	0.1	0.2	0.4	0.6	1.0	29.2	0.4	0.1	4.4	0.3	0.2	17.0	0.3	0.1	1.6	0.3	0.3	0.4	0.4
Non-Hodgkin Lymphomas	22.2	5.1	1.0	3.0	4.5	2.6	563.4	7.3	0.3	65.0	4.9	0.6	398.8	7.3	0.4	19.0	5.1	1.2	7.6	5.2
Multiple Myeloma	11.2	2.5	0.7	2.8	4.4	2.6	277.2	3.5	0.2	75.4	5.8	0.6	195.0	3.5	0.3	22.2	5.9	1.2	4.0	7.4
Leukemias	29.2	6.9	1.2	3.4	6.0	3.2	671.6	8.8	0.3	80.2	6.0	0.6	483.8	8.9	0.4	25.4	6.6	1.3	9.1	7.2

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

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

NYS CR 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 2018. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2015-2015 & 2012-2016 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 Mortality Rates Among White and Black Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate	Rate
All Invasive Malignant Tumors	712.4	123.2	4.3	123.4	128.4	10.4	13,970.2	136.4	1.1	2,677.0	133.4	2.3	10,135.4	140.8	1.3	755.6	142.4	4.6	140.0	159.0
Oral Cavity and Pharynx	4.8	0.7	0.4	1.2	1.3	1.2	115.2	1.1	0.1	26.0	1.3	0.2	83.4	1.1	0.1	6.8	1.2	0.5	1.3	1.3
Esophagus	8.8	1.4	0.5	3.2	3.4	1.8	168.8	1.6	0.1	30.0	1.5	0.3	125.6	1.7	0.2	9.6	1.8	0.6	1.5	1.8
Stomach	12.4	2.2	0.6	4.6	4.9	2.2	232.4	2.3	0.2	74.2	3.8	0.4	129.6	1.8	0.2	18.4	3.7	0.8	2.0	3.9
Colorectal	60.0	10.2	1.3	12.4	13.2	3.5	1,224.0	11.4	0.3	267.8	13.4	0.8	846.4	11.2	0.4	70.0	13.3	1.5	11.9	16.1
Colon excluding Rectum	49.2	8.2	1.1	10.6	11.5	3.3	1,031.4	9.5	0.3	231.0	11.6	0.7	712.6	9.4	0.4	61.0	11.7	1.4	--	--
Rectum & Rectosigmoid	10.8	2.0	0.6	1.8	1.8	1.3	192.6	1.9	0.2	36.8	1.8	0.3	133.8	1.8	0.2	9.0	1.6	0.5	--	--
Liver / Intrahepatic Bile Duct	20.6	3.6	0.8	4.0	4.4	2.1	343.6	3.3	0.2	81.0	4.0	0.4	220.6	3.1	0.2	20.4	3.8	0.8	3.6	4.6
Pancreas	57.2	9.7	1.2	7.4	7.8	2.7	1,017.4	9.7	0.3	204.0	10.3	0.7	725.4	9.8	0.3	56.8	11.0	1.4	12.6	14.8
Larynx	1.0	0.2	0.2	0.0	0.0	0.5	40.2	0.4	0.1	10.0	0.5	0.1	29.4	0.4	0.1	1.6	0.3	0.3	0.4	0.5
Lung and Bronchus	174.4	30.0	2.1	22.8	23.4	4.5	3,537.4	35.0	0.6	504.8	25.1	1.0	2,754.8	38.9	0.7	165.0	31.0	2.2	36.6	33.5
Melanoma of the Skin	12.4	2.1	0.6	0.6	0.6	0.9	161.0	1.6	0.1	7.0	0.4	0.2	123.4	1.8	0.2	2.4	0.5	0.3	1.9	0.3
Female Breast	101.8	18.4	1.7	21.0	21.6	4.3	1,948.4	19.5	0.4	483.4	24.0	0.9	1,361.6	19.3	0.5	134.2	24.6	1.9	20.3	28.7
Cervix Uteri	6.2	1.3	0.5	3.6	3.7	1.9	181.2	2.1	0.2	73.6	3.7	0.4	115.8	1.9	0.2	17.6	3.2	0.7	2.2	3.7
Corpus Uterus and NOS	29.2	5.1	0.9	9.2	9.7	3.0	509.6	5.0	0.2	193.2	9.5	0.6	346.6	4.8	0.3	45.0	8.6	1.2	4.3	8.3
Ovary*	43.6	7.9	1.1	6.0	6.0	2.3	766.2	7.6	0.3	119.0	5.9	0.5	547.2	7.7	0.3	33.0	6.1	1.0	7.5*	6.3*
Urinary Bladder (incl. in situ)	11.4	1.6	0.5	1.4	1.5	1.3	266.0	2.4	0.2	36.4	1.8	0.3	194.0	2.5	0.2	9.2	1.8	0.6	2.2	2.4
Kidney and Renal Pelvis	6.6	1.0	0.4	1.2	1.2	1.2	219.2	2.1	0.1	27.8	1.4	0.3	164.4	2.2	0.2	9.2	1.8	0.6	2.5	2.4
Brain and Other Nervous System	20.2	3.8	0.8	0.8	0.8	1.0	333.8	3.6	0.2	32.6	1.6	0.3	238.6	3.6	0.3	11.0	2.0	0.6	3.9	2.1
Thyroid	2.6	0.4	0.3	0.4	0.4	0.7	51.8	0.5	0.1	13.2	0.7	0.2	34.0	0.5	0.1	4.4	0.9	0.4	0.5	0.6
Hodgkin Lymphoma	1.2	0.2	0.2	0.0	0.0	0.5	30.2	0.3	0.1	4.0	0.2	0.1	18.4	0.3	0.1	1.0	0.2	0.2	0.3	0.2
Non-Hodgkin Lymphomas	27.8	4.6	0.9	3.8	3.8	1.9	466.6	4.4	0.2	61.2	3.0	0.4	336.6	4.5	0.2	16.4	3.1	0.7	4.6	3.4
Multiple Myeloma	12.4	2.0	0.6	5.0	5.6	2.4	237.0	2.2	0.2	78.8	4.0	0.4	172.0	2.3	0.2	26.4	5.2	0.9	2.4	5.5
Leukemias	26.2	4.4	0.8	3.8	3.9	1.9	512.4	5.0	0.2	68.4	3.5	0.4	369.0	5.1	0.2	20.2	3.7	0.8	5.2	4.5

(continue)

Table 14. Average Annual Mortality Rates Among White and Black Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)	
	White			Black			White			Black			White			Black			White	Black
	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Rate	Rate
All Invasive Malignant Tumors	653.4	111.3	4.1	109.4	110.3	9.5	13,870.8	133.3	1.1	2,662.8	128.1	2.2	9,970.2	137.1	1.3	734.0	134.8	4.5	138.3	156.0
Oral Cavity and Pharynx	4.4	0.7	0.3	1.0	1.1	1.1	116.2	1.1	0.1	24.2	1.2	0.2	81.8	1.1	0.1	6.0	1.1	0.4	1.3	1.3
Esophagus	7.8	1.3	0.5	2.8	2.9	1.7	163.4	1.5	0.1	30.0	1.4	0.3	120.2	1.6	0.2	9.8	1.9	0.6	1.5	1.7
Stomach	10.8	2.0	0.6	4.4	4.5	2.1	223.0	2.2	0.2	74.2	3.7	0.4	126.2	1.8	0.2	17.6	3.4	0.8	2.0	3.8
Colorectal	57.4	9.5	1.2	9.6	9.9	3.0	1,193.0	11.0	0.3	265.8	12.8	0.8	819.2	10.8	0.4	67.0	12.5	1.4	11.7	15.5
Colon excluding Rectum	45.4	7.4	1.1	7.6	8.0	2.7	998.2	9.1	0.3	227.2	11.0	0.7	683.6	8.9	0.4	58.6	11.0	1.3	--	--
Rectum & Rectosigmoid	12.0	2.1	0.6	2.0	1.9	1.4	194.8	1.9	0.2	38.6	1.8	0.3	135.6	1.9	0.2	8.4	1.5	0.5	--	--
Liver / Intrahepatic Bile Duct	16.4	2.9	0.7	3.0	3.3	1.9	347.6	3.3	0.2	78.6	3.7	0.4	218.6	3.0	0.2	20.4	3.8	0.8	3.7	4.7
Pancreas	53.0	8.9	1.2	6.8	7.0	2.6	1,029.4	9.6	0.3	205.2	10.0	0.6	725.8	9.7	0.4	57.0	10.7	1.3	9.4	12.2
Larynx	0.6	0.1	0.2	0	0	0.5	36.6	0.4	0.1	9.8	0.4	0.2	27.2	0.4	0.1	2.0	0.3	0.2	0.4	0.5
Lung and Bronchus	161.0	27.1	2.0	20.4	20.2	4.1	3,458.8	33.6	0.5	485.2	23.2	0.9	2,686.6	37.4	0.6	156.0	28.4	2.1	35.6	32.4
Melanoma of the Skin	9.4	1.5	0.5	0.4	0.4	0.8	158.0	1.6	0.2	5.8	0.3	0.1	120.2	1.7	0.1	1.8	0.3	0.3	1.8	0.3
Female Breast	92.4	16.6	1.7	17.8	18.0	3.9	1,929.2	19.0	0.4	477.4	23.0	0.9	1,333.2	18.8	0.4	128.0	23.1	1.9	20.1	28.1
Cervix Uteri	6.4	1.3	0.5	3.0	3.0	1.7	181.8	2.0	0.2	69.0	3.4	0.4	116.6	1.9	0.2	16.0	2.9	0.7	2.2	3.5
Corpus Uterus and NOS	30.4	5.2	0.9	9.2	9.4	2.9	522.0	5.0	0.2	201.0	9.5	0.6	347.8	4.8	0.3	46.2	8.5	1.1	4.4	8.5
Ovary*	39.2	7.1	1.1	5.2	5.1	2.2	751.0	7.4	0.2	120.2	5.7	0.5	530.2	7.4	0.3	31.4	5.6	0.9	7.3*	6.1*
Urinary Bladder (incl. in situ)	10.8	1.5	0.5	1.0	0.9	1.0	268.2	2.4	0.2	36.6	1.8	0.3	194.0	2.5	0.2	9.6	1.8	0.6	2.2	2.4
Kidney and Renal Pelvis	6.8	1.1	0.5	0.8	0.8	1.0	209.6	2.0	0.2	26.8	1.3	0.2	155.2	2.1	0.2	8.2	1.5	0.5	2.4	2.3
Brain and Other Nervous System	18.6	3.5	0.8	1.0	0.9	1.0	337.6	3.6	0.2	33.2	1.6	0.3	240.8	3.7	0.2	11.6	2.1	0.6	3.9	2.1
Thyroid	2.6	0.4	0.3	0	0	0.5	54.0	0.5	0.1	13.4	0.7	0.2	35.0	0.5	0.1	4.4	0.8	0.4	0.5	0.6
Hodgkin Lymphoma	1.6	0.3	0.3	0	0	0.5	30.4	0.3	0.1	2.8	0.1	0.1	19.6	0.3	0.1	0.4	0.1	0.2	0.3	0.2
Non-Hodgkin Lymphomas	23.6	3.9	0.8	3.8	3.7	1.9	462.2	4.3	0.2	62.8	3.0	0.4	327.8	4.3	0.3	15.8	2.9	0.7	4.5	3.3
Multiple Myeloma	11.8	1.9	0.6	4.8	5.1	2.2	243.0	2.3	0.2	81.0	4.0	0.4	175.2	2.3	0.2	24.4	4.7	0.9	2.4	5.4
Leukemias	22.6	3.6	0.8	4.4	4.4	2.0	511.2	4.9	0.2	71.6	3.5	0.4	355.6	4.8	0.3	21.6	3.9	0.8	5.1	4.4

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.

NYSOCR 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, 8451, 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 2018.

Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Mortality Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	725.0	160.2	5.3	52.0	97.3	13.2	16,021.2	185.1	1.3	1,449.0	143.4	3.6	11,092.8	190.2	3.2	313.6	116.5	6.4	140.6
Oral Cavity and Pharynx	12.8	2.8	0.7	1.0	1.3	1.4	306.6	3.4	0.2	31.8	2.8	0.5	195.2	3.2	0.4	6.4	1.9	0.8	2.4
Esophagus	22.0	4.8	1.0	1.4	2.2	2.0	610.6	6.8	0.3	45.6	4.3	0.6	477.8	7.9	0.7	11.6	4.2	1.2	3.9
Stomach	19.4	4.2	0.9	3.4	6.0	3.4	420.0	4.8	0.3	73.6	7.0	0.8	224.4	3.8	0.5	20.2	6.7	1.5	6.7
Colorectal	67.6	14.9	1.7	3.0	5.0	3.0	1,407.0	16.3	0.4	153.0	14.9	1.2	928.2	16.0	1.0	29.2	10.4	1.9	14.7
Colon excluding Rectum	55.2	12.1	1.5	2.4	4.0	2.7	1,125.4	13.1	0.4	122.0	12.0	1.1	733.2	12.7	0.8	22.0	8.0	1.7	--
Rectum & Rectosigmoid	12.4	2.7	0.8	0.6	0.9	1.4	281.6	3.2	0.2	31.0	2.9	0.5	195.0	3.3	0.4	7.2	2.4	0.9	--
Liver / Intrahepatic Bile Duct	33.8	7.2	1.2	4.8	7.2	3.3	792.6	8.6	0.3	145.4	12.5	1.0	483.4	7.8	0.6	27.4	8.5	1.6	13.1
Pancreas	58.4	12.7	1.5	2.0	3.1	2.3	1,153.4	13.1	0.4	96.8	9.3	0.9	787.2	13.3	0.8	20.6	6.9	1.5	9.5
Larynx	6.8	1.5	0.6	0	0	0.6	165.0	1.8	0.2	26.2	2.5	0.5	111.8	1.8	0.3	5.2	1.9	0.8	1.5
Lung and Bronchus	169.6	37.5	2.6	13.6	25.7	6.8	4,286.8	49.0	0.7	277.2	27.7	1.6	3,068.8	52.0	1.7	64.8	24.3	2.9	26.5
Melanoma of the Skin	17.0	3.9	0.9	0	0	0.6	286.8	3.3	0.2	8.2	0.8	0.3	230.8	4.0	0.5	2.0	0.7	0.5	1.0
Prostate	82.4	18.2	1.8	4.0	10.9	5.1	1,518.6	18.4	0.4	149.2	18.7	1.4	966.0	17.3	0.9	21.8	11.9	2.4	16.2
Testis	0.2	0.1	0.2	0	0	0.6	15.4	0.2	0.0	3.4	0.2	0.1	10.6	0.2	0.1	0.8	0.1	0.2	0.3
Urinary Bladder (incl. in situ)	30.0	6.6	1.1	1.0	2.7	2.6	644.2	7.7	0.3	36.4	4.5	0.7	463.0	8.2	0.7	7.6	4.0	1.4	3.9
Kidney and Renal Pelvis	18.6	4.1	0.9	1.4	3.0	2.6	426.6	4.9	0.3	28.8	2.8	0.5	310.0	5.2	0.5	7.4	2.9	1.1	5.0
Brain and Other Nervous System	20.2	4.7	1.0	2.0	3.4	2.5	411.6	4.7	0.2	32.4	2.7	0.5	302.6	5.2	0.5	9.0	2.6	0.9	3.4
Thyroid	2.8	0.6	0.4	0.2	0.6	1.3	45.6	0.5	0.1	5.6	0.5	0.3	31.4	0.5	0.1	1.6	0.6	0.5	0.5
Hodgkin Lymphoma	1.6	0.4	0.3	0	0	0.6	30.8	0.4	0.1	6.4	0.5	0.2	18.8	0.3	0.1	1.4	0.4	0.6	0.5
Non-Hodgkin Lymphomas	25.8	5.7	1.1	2.8	4.5	2.8	603.0	7.1	0.3	62.0	6.0	0.8	422.2	7.4	0.7	14.6	5.3	1.4	6.1
Multiple Myeloma	15.4	3.3	0.8	1.4	2.7	2.3	325.4	3.8	0.2	34.0	3.4	0.6	221.8	3.8	0.4	6.8	2.6	1.0	3.4
Leukemias	36.8	8.4	1.3	4.0	8.5	4.3	738.2	8.8	0.3	64.8	6.2	0.8	523.8	9.3	0.8	15.0	5.7	1.5	6.0

(continue)

Table 15. Average Annual Mortality Rates Among Hispanic and Non-Hispanic Males, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Rate
All Invasive Malignant Tumors	667.8	143.7	5.0	47.4	85.1	12.0	16,070.2	180.8	1.3	1,461.6	136.6	3.3	10,981.4	185.2	1.6	296.4	105.6	6.0	138.1
Oral Cavity and Pharynx	12.6	2.7	0.7	1.2	1.5	1.5	312.8	3.4	0.2	35.4	3.0	0.5	200.4	3.2	0.2	7.2	2.4	0.9	2.4
Esophagus	22.0	4.8	1.0	1.2	1.7	1.6	612.8	6.7	0.3	45.4	4.0	0.6	477.6	7.8	0.3	10.6	3.6	1.1	3.7
Stomach	18.4	3.9	0.9	3.8	6.2	3.2	436.6	4.9	0.2	74.0	6.6	9.3	221.4	3.7	0.2	19.6	6.3	1.4	6.5
Colorectal	63.4	13.7	1.6	2.6	4.4	2.8	1,389.4	15.7	0.4	146.8	13.6	1.1	900.0	15.3	0.4	27.0	9.2	1.8	14.4
Colon excluding Rectum	50.8	11.0	1.5	2.2	4.0	2.7	1,099.4	12.4	0.4	116.0	11.0	1.0	703.6	12.0	0.4	20.8	7.2	1.6	--
Rectum & Rectosigmoid	12.6	2.8	0.8	0.4	0.4	0.8	290.0	3.3	0.2	30.8	2.7	0.5	196.4	3.3	0.2	6.2	2.0	0.8	--
Liver / Intrahepatic Bile Duct	31.2	6.4	1.1	4.4	6.9	3.2	819.8	8.7	0.3	157.2	12.9	1.0	491.2	7.8	0.3	27.2	8.4	1.6	13.3
Pancreas	54.0	11.3	1.4	2.2	3.2	2.2	1,181.4	13.1	0.4	101.4	9.1	0.9	798.4	13.2	0.4	20.4	6.2	1.4	9.4
Larynx	6.4	1.4	0.6	0	0	0.5	166.8	1.8	0.1	26.2	2.3	0.5	111.2	1.8	0.2	5.2	1.8	0.9	1.5
Lung and Bronchus	148.4	32.0	2.4	11.6	21.2	6.0	4,192.8	46.7	0.6	271.4	25.8	1.5	2,982.4	49.6	0.9	59.8	22.0	2.8	25.3
Melanoma of the Skin	15.0	3.3	0.8	0.4	0.4	0.9	280.8	3.2	0.2	9.2	0.8	0.3	221.4	3.8	0.2	2.2	0.7	0.5	0.9
Prostate	78.2	16.8	1.7	4.4	10.6	4.8	1,524.4	17.9	0.4	149.4	17.4	1.3	960.2	16.9	0.5	22.6	11.5	2.3	15.8
Testis	0	0	0.1	0	0	0.5	15.6	0.2	0	3.0	0.1	0.1	10.8	0.2	0.1	0.8	0.1	0.2	0.3
Urinary Bladder (incl. in situ)	28.0	6.0	1.1	1.2	3.1	2.7	655.8	7.6	0.3	37.8	4.3	0.7	465.4	8.1	0.3	8.2	4.0	1.3	3.8
Kidney and Renal Pelvis	17.0	3.7	0.9	1.2	2.7	2.4	423.2	4.7	0.2	28.6	2.7	0.5	303.2	5.0	0.3	6.2	2.5	1.0	5.0
Brain and Other Nervous System	22.2	4.9	1.0	1.2	2.3	2.1	431.4	4.8	0.2	32.8	2.7	0.4	316.2	5.3	0.3	8.6	2.5	0.9	3.5
Thyroid	3.0	0.6	0.4	0.2	0.5	1.2	45.6	0.5	0.1	5.4	0.5	0.3	29.0	0.5	0.1	1.2	0.5	0.5	0.6
Hodgkin Lymphoma	1.2	0.3	0.3	0	0	0.5	28.4	0.3	0.1	6.4	0.5	0.2	17.6	0.3	0.1	1.2	0.3	0.4	0.5
Non-Hodgkin Lymphomas	23.4	5.0	1.0	3.0	4.7	2.7	603.0	7.0	0.3	65.8	6.1	0.7	413.4	7.2	0.3	13.6	4.6	1.3	6.1
Multiple Myeloma	13.4	2.8	0.7	1.0	2.0	2.1	330.4	3.7	0.2	38.8	3.7	0.6	213.8	3.6	0.2	7.0	2.6	1.0	3.4
Leukemias	31.6	6.9	1.1	3.0	5.6	3.3	737.2	8.6	0.3	61.4	5.5	0.7	508.0	8.9	0.4	13.8	4.6	1.3	6.0

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.

* Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

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/register/>.

Data as of November 2017. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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 Mortality Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016.

	Westchester County (2011-2015)						New York State (2011-2015)						New York State excluding New York City (2011-2015)						United States (2011-2015)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Average Annual Cases	Rate	95% CI (+/-)	Rate
All Invasive Malignant Tumors	801.0	127.1	4.2	62.8	82.8	9.6	16,079.2	138.8	1.0	1,419.8	95.5	2.3	10,816.6	142.7	1.3	292.4	82.3	4.5	97.1
Oral Cavity and Pharynx	6.0	0.9	0.4	0.6	1.0	1.3	140.2	1.2	0.1	12.6	0.8	0.3	91.2	1.2	0.1	1.8	0.6	0.5	0.8
Esophagus	10.8	1.6	0.5	1.2	1.9	1.7	190.8	1.6	0.1	14.6	1.0	0.3	133.4	1.7	0.2	4.0	1.2	0.6	0.8
Stomach	15.4	2.4	0.6	3.0	3.7	2.1	288.0	2.5	0.2	57.6	3.9	0.5	143.6	1.9	0.2	12.4	3.4	0.9	4.0
Colorectal	69.4	10.9	1.3	5.8	7.6	3.0	1,433.6	11.9	0.3	139.0	9.5	0.7	911.2	11.5	0.4	23.4	6.9	1.4	9.0
Colon excluding Rectum	57.4	9.0	1.2	5.0	6.9	2.9	1,214.8	10.0	0.3	118.0	8.1	0.7	768.6	9.7	0.3	20.8	6.3	1.3	--
Rectum & Rectosigmoid	12.0	1.9	0.6	0.8	0.7	0.9	218.8	1.9	0.2	21.0	1.4	0.3	142.6	1.9	0.2	2.6	0.7	0.5	--
Liver / Intrahepatic Bile Duct	23.0	3.8	0.8	4.0	5.6	2.6	391.8	3.4	0.2	82.6	5.6	0.6	240.2	3.2	0.2	14.8	4.4	1.1	5.9
Pancreas	61.8	9.5	1.1	5.4	7.6	3.1	1,186.2	10.0	0.3	104.0	7.2	0.7	780.0	10.0	0.4	19.6	5.8	1.2	7.7
Larynx	1.0	0.2	0.2	0	0	0.4	46.6	0.4	0.1	5.2	0.3	0.2	30.2	0.4	0.1	1.0	0.3	0.3	0.1
Lung and Bronchus	193.8	30.5	2.1	7.8	11.3	3.8	3,990.6	34.8	0.5	205.8	14.1	0.9	2,914.8	39.0	0.7	44.2	13.1	1.8	13.3
Melanoma of the Skin	12.2	1.9	0.5	0.8	1.1	1.3	165.8	1.5	0.1	6.6	0.5	0.2	124.6	1.7	0.1	2.0	0.6	0.4	0.6
Female Breast	115.6	19.3	1.7	11.0	13.4	3.8	2,329.8	20.6	0.4	224.0	14.5	0.9	1,481.4	20.0	0.5	45.4	11.7	1.6	14.3
Cervix Uteri	8.8	1.6	0.6	1.4	1.6	1.3	232.4	2.3	0.2	44.4	2.8	0.4	128.0	2.0	0.2	9.6	2.2	0.7	2.6
Corpus Uterus and NOS	37.0	5.9	0.9	2.2	2.4	1.6	666.2	5.8	0.2	67.0	4.4	0.5	386.6	5.1	0.2	11.4	3.0	0.9	3.8
Ovary*	49.6	8.2	1.1	2.6	3.3	2.0	864.4	7.6	0.2	71.4	4.9	0.5	579.0	7.8	0.3	16.4	4.6	1.1	5.4*
Urinary Bladder (incl. in situ)	12.8	1.7	0.5	0.6	0.8	1.1	294.8	2.3	0.2	18.0	1.3	0.3	202.8	2.5	0.2	2.8	0.9	0.6	1.3
Kidney and Renal Pelvis	7.4	1.1	0.4	0.8	1.1	1.3	243.2	2.0	0.2	15.8	1.1	0.3	173.0	2.2	0.2	4.2	1.2	0.6	2.3
Brain and Other Nervous System	19.6	3.3	0.7	1.8	2.0	1.5	353.0	3.3	0.2	34.2	2.1	0.4	247.4	3.6	0.2	9.2	2.1	0.7	2.5
Thyroid	3.0	0.4	0.3	0	0	0.4	65.0	0.5	0.1	5.4	0.4	0.2	39.4	0.5	0.1	0.6	0.2	0.3	0.7
Hodgkin Lymphoma	1.2	0.2	0.2	0	0	0.4	30.0	0.3	0.1	4.8	0.3	0.2	18.8	0.3	0.1	0.8	0.3	0.3	0.3
Non-Hodgkin Lymphomas	30.0	4.5	0.8	3.2	4.3	2.3	506.4	4.2	0.2	49.2	3.4	0.5	348.2	4.4	0.2	13.0	4.0	1.1	3.9
Multiple Myeloma	16.2	2.4	0.6	1.6	2.2	1.8	297.0	2.5	0.1	33.6	2.4	0.4	196.2	2.5	0.2	7.4	2.3	0.8	2.3
Leukemias	28.8	4.4	0.8	1.6	2.0	1.6	555.4	4.8	0.2	55.2	3.6	0.5	384.2	5.0	0.3	12.0	3.2	0.9	3.9

(continue)

Table 16. Average Annual Mortality Rates Among Hispanic and Non-Hispanic Females, Westchester County, New York State and the United States, 2011-2015 and 2012-2016 (continued).

	Westchester County (2012-2016)						New York State (2012-2016)						New York State excluding New York City (2012-2016)						United States (2012-2016)
	Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Non-Hispanic			Hispanic			Hispanic*
	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Average Annual Rate	95% CI (+/-)	Cases	Rate
All Invasive Malignant Tumors	735.2	114.4	3.9	55.4	69.8	8.7	16,025.0	135.8	1.0	1,429.6	91.2	2.2	10,654.8	139.0	1.3	277.6	74.7	4.1	96.2
Oral Cavity and Pharynx	5.8	0.9	0.4	0.2	0.3	0.7	142.2	1.2	0.1	12.0	0.8	0.2	90.0	1.1	0.1	1.6	0.4	0.4	0.8
Esophagus	9.6	1.5	0.5	1.0	1.6	1.6	185.0	1.5	0.1	16.4	1.1	0.3	128.4	1.6	0.2	3.6	1.0	0.5	0.7
Stomach	14.2	2.2	0.6	3.0	3.6	2.0	282.0	2.4	0.1	56.0	3.6	0.4	140.0	1.8	0.2	12.4	3.3	0.9	4.0
Colorectal	64.6	9.8	1.2	4.6	5.6	2.5	1,410.0	11.5	0.3	132.6	8.5	0.7	881.4	11.1	0.4	22.6	6.3	1.2	8.8
Colon excluding Rectum	51.2	7.7	1.1	3.8	4.9	2.4	1,186.2	9.7	0.3	111.4	7.1	0.6	738.0	9.3	0.4	19.2	5.5	1.2	--
Rectum & Rectosigmoid	13.4	2.1	1.1	0.8	0.7	0.9	223.8	1.9	0.1	21.2	1.3	0.3	143.4	1.9	0.2	3.4	0.8	0.4	--
Liver / Intrahepatic Bile Duct	18.8	3.1	0.7	2.8	3.7	2.1	393.6	3.3	0.2	84.6	5.4	0.5	241.0	3.2	0.2	12.8	3.5	0.9	6.0
Pancreas	57.4	8.8	1.1	5.0	6.8	2.9	1,201.8	10.0	0.3	106.2	6.9	0.6	781.6	10.0	0.4	18.8	5.3	1.2	7.7
Larynx	0.6	0.1	0.2	0	0	0.4	43.4	0.4	0.1	4.8	0.3	0.1	28.4	0.4	0.1	1.0	0.3	0.3	0.1
Lung and Bronchus	177.6	27.3	1.9	7.2	9.8	3.5	3,902.0	33.2	0.5	205.2	13.3	0.9	2,841.8	37.4	0.6	41.4	11.7	1.7	13.1
Melanoma of the Skin	9.2	1.4	0.5	0.6	0.9	1.1	162.4	1.4	0.1	6.0	0.4	0.2	121.0	1.6	0.2	2.0	0.6	0.4	0.5
Female Breast	104.4	17.3	1.6	9.2	10.4	3.3	2,320.8	20.2	0.4	221.8	13.7	0.9	1,452.2	19.5	0.5	42.6	10.5	1.5	14.2
Cervix Uteri	8.4	1.5	0.5	1.4	1.5	1.3	228.8	2.2	0.1	45.8	2.7	0.4	126.2	1.9	0.2	10.4	2.3	0.7	2.6
Corpus Uteri and NOS	38.2	6.0	0.9	2.0	2.1	1.4	689.0	5.8	0.2	72.0	4.5	0.5	390.4	5.1	0.3	10.8	2.8	0.8	3.9
Ovary*	44.6	7.3	1.0	2.8	3.6	2.1	853.0	7.4	0.2	72.6	4.6	0.5	561.0	7.4	0.3	16.2	4.4	1.0	5.2*
Urinary Bladder (incl. in situ)	11.6	1.5	0.5	0.8	1.1	1.3	295.0	2.3	0.1	18.2	1.3	0.3	202.4	2.5	0.2	3.0	1.0	0.5	1.3
Kidney and Renal Pelvis	7.2	1.0	0.4	0.6	0.9	1.1	232.6	1.9	0.1	15.6	1.0	0.3	163.2	2.1	0.2	3.6	1.0	0.5	2.3
Brain and Other Nervous System	18.8	3.2	0.7	1.8	2.0	1.5	359.6	3.3	0.2	35.0	2.1	0.4	251.0	3.6	0.3	9.2	2.2	0.7	2.6
Thyroid	2.6	0.4	0.3	0	0	0.4	66.2	0.5	0.1	6.4	0.4	0.2	40.2	0.5	0.1	0.6	0.2	0.3	0.7
Hodgkin Lymphoma	1.4	0.2	0.2	0.2	0.4	0.8	28.8	0.3	0.1	5.0	0.3	0.2	19.0	0.3	0.1	1.2	0.4	0.4	0.3
Non-Hodgkin Lymphomas	26.4	4.0	0.8	2.8	3.8	2.2	509.0	4.2	0.2	45.8	3.0	0.4	341.0	4.3	0.2	10.2	3.0	0.9	3.8
Multiple Myeloma	15.4	2.3	0.6	1.6	2.2	1.7	303.2	2.5	0.2	36.2	2.4	0.4	197.8	2.5	0.2	7.0	2.1	0.8	2.3
Leukemias	25.8	3.8	0.8	1.6	2.0	1.6	556.0	4.7	0.2	59.6	3.7	0.5	373.0	4.8	0.2	11.8	3.1	0.9	3.8

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.

NYS CR 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, 8451, 8642, and 8473.

Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

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 2018. Incidence data are provisional.

Source for national data: National Cancer Institute, SEER Cancer Statistics Review. These rates are based on cases diagnosed in 2011-2015 & 2012-2016 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, 1976-2016.

	Westchester County (1976-2015)									New York State (1976-2015)									New York State excluding New York City (1976-2015)											
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	Rate	95% CI (+/-)	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	Rate	95% CI (+/-)	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	Rate	95% CI (+/-)
All Invasive Malignant Tumors																														
Rate	282.0	273.0	266.0	255.1	240.8	199.7	181.2	153.8	283.3	281.0	277.0	268.4	243.2	217.6	198.2	180.8	283.4	286.3	284.3	274.4	252.6	227.4	205.5	187.0						
95% CI (+/-)	8.5	8.0	7.8	7.4	6.9	6.1	5.6	5.0	1.9	1.8	1.8	1.8	1.6	1.5	1.3	1.2	2.5	2.4	2.4	2.3	2.1	1.9	1.8	1.6						
Oral Cavity and Pharynx																														
Rate	7.5	6.4	7.2	4.7	3.8	2.7	2.7	2.7	7.9	7.2	6.2	5.3	4.2	3.7	3.4	3.3	7.2	6.6	6.0	4.8	4.0	3.5	3.1	3.1						
95% CI (+/-)	1.4	1.2	1.3	1.0	0.9	0.7	0.7	0.7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3						
Esophagus																														
Rate	7.1	8.0	7.5	6.5	6.8	5.9	6.6	4.5	7.8	7.8	7.8	7.9	7.6	7.7	7.3	6.6	6.9	7.1	7.3	7.9	8.0	8.7	8.4	7.7						
95% CI (+/-)	1.3	1.4	1.3	1.2	1.2	1.1	1.1	0.9	0.3	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	0.4	0.4						
Stomach																														
Rate	14.7	13.2	10.7	11.1	9.2	6.8	6.1	4.5	13.8	12.5	11.3	10.7	8.4	7.0	5.7	5.1	12.0	11.2	10.4	9.3	7.0	5.8	4.6	4.0						
95% CI (+/-)	2.0	1.8	1.6	1.6	1.4	1.1	1.1	0.9	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.2						
Colorectal																														
Rate	43.0	43.1	36.7	31.4	27.5	20.4	16.5	13.7	42.9	40.4	37.4	32.5	28.2	23.2	19.0	16.1	41.9	41.8	39.0	33.0	28.6	23.1	18.3	15.7						
95% CI (+/-)	3.4	3.3	2.9	2.6	2.4	2.0	1.7	1.5	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.9	1.0	0.9	0.8	0.7	0.6	0.5	0.4						
Colon excluding Rectum																														
Rate	33.9	35.9	32.1	26.4	24.1	17.1	13.4	11.2	34.0	33.7	32.0	27.7	24.0	19.4	15.7	13.0	32.8	34.3	33.0	27.7	23.9	19.0	14.8	12.5						
95% CI (+/-)	3.1	3.1	2.7	2.5	2.2	1.8	1.6	1.4	0.7	0.6	0.7	0.6	0.6	0.5	0.4	0.4	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.4						
Rectum & Rectosigmoid																														
Rate	9.2	7.2	4.6	5.0	3.4	3.2	3.1	2.5	8.9	6.7	5.4	4.8	4.2	3.8	3.3	3.2	9.2	7.4	6.0	5.3	4.7	4.2	3.5	3.3						
95% CI (+/-)	1.6	1.4	1.1	1.1	0.9	0.8	0.8	0.7	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2						
Liver / Intrahepatic Bile Duct																														
Rate	3.3	3.5	5.1	5.5	6.7	7.1	7.3	7.3	4.6	5.3	5.9	6.8	6.9	7.7	8.6	9.0	3.3	3.9	4.4	5.3	5.5	6.2	7.0	7.8						
95% CI (+/-)	0.9	0.9	1.1	1.1	1.2	1.2	1.1	1.1	0.3	0.3	0.3	0.3	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	15.9	15.2	13.8	12.8	16.3	11.9	12.6	11.9	15.1	14.0	13.4	13.0	13.0	12.5	12.7	12.7	15.3	14.0	13.8	13.4	13.6	12.9	12.9	13.0						
95% CI (+/-)	2.0	1.9	1.8	1.7	1.8	1.5	1.5	1.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4						
Larynx																														
Rate	4.8	3.0	4.0	3.2	2.2	1.7	1.3	1.3	4.4	3.9	3.7	3.7	3.0	2.5	2.2	1.9	3.9	3.6	3.2	3.2	2.6	2.3	2.0	1.8						
95% CI (+/-)	1.1	0.9	1.0	0.8	0.7	0.6	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2						
Lung and Bronchus																														
Rate	76.3	74.9	74.1	70.4	61.5	51.6	44.9	36.3	81.1	82.1	81.8	78.8	69.2	61.3	54.1	46.8	84.7	87.6	87.2	83.8	74.5	66.7	58.9	50.8						
95% CI (+/-)	4.2	4.1	4.0	3.8	3.5	3.1	2.8	2.4	1.0	0.9	1.0	0.9	0.8	0.8	0.7	0.6	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8						

(continue)

Table 17. Trends in Average Annual Cancer Mortality Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2016 (*continued*).

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)								
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	
Melanoma of the Skin																									
Rate	2.7	3.5	4.3	4.0	4.6	3.0	3.4	3.4	3.1	3.3	3.6	3.3	3.3	3.1	3.2	3.0	3.4	3.3	4.1	3.9	3.9	3.8	4.0	3.8	
95% CI (+/-)	0.8	0.9	1.0	1.0	1.0	0.8	0.8	0.8	0.2	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	0.3	
Prostate																									
Rate	38.2	32.7	35.5	37.9	31.3	25.0	22.2	17.6	31.5	33.0	34.8	37.2	31.5	26.2	21.6	18.4	32.8	33.7	35.8	37.3	31.4	25.4	20.4	17.1	
95% CI (+/-)	3.5	3.0	3.0	3.0	2.7	2.2	2.0	1.7	0.7	0.7	0.6	0.7	0.6	0.5	0.5	0.4	0.9	1.0	0.9	0.9	0.8	0.7	0.5	0.5	
Testis																									
Rate	0.3	0.5	0.1	0.2	0.3	0.2	0.1	0.0	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	
95% CI (+/-)	0.3	0.4	0.2	0.2	0.3	0.3	0.2	0.1	0.1	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	0.1	
Urinary Bladder (incl. in situ)																									
Rate	11.5	10.9	9.4	7.9	8.7	7.9	7.4	6.2	11.6	10.6	9.5	8.9	8.7	7.8	7.9	7.4	12.3	11.7	10.4	9.4	9.6	8.6	8.8	8.0	
95% CI (+/-)	1.8	1.8	1.6	1.4	1.4	1.3	1.2	1.0	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	
Kidney and Renal Pelvis																									
Rate	4.7	5.4	5.4	5.4	4.8	5.6	3.8	4.0	5.8	5.5	5.8	5.7	5.4	5.1	5.0	4.7	6.0	5.9	6.3	6.2	5.9	5.7	5.5	5.1	
95% CI (+/-)	1.1	1.1	1.2	1.1	1.0	1.1	0.9	0.9	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
Brain and Other Nervous System																									
Rate	5.9	5.5	6.1	5.3	5.7	4.9	5.1	4.3	5.2	5.0	5.1	5.0	4.8	4.6	4.7	4.4	5.2	5.1	5.4	5.5	5.5	5.2	5.3	5.0	
95% CI (+/-)	1.2	1.1	1.2	1.1	1.1	1.0	1.0	0.9	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	
Thyroid																									
Rate	0.6	0.8	0.5	0.6	0.8	0.5	0.6	0.6	0.6	0.6	0.4	0.4	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5	
95% CI (+/-)	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
Hodgkin Lymphoma																									
Rate	2.5	1.3	1.6	0.9	0.7	0.6	0.2	0.3	1.6	1.3	1.3	0.9	0.6	0.6	0.5	0.4	1.6	1.3	1.3	0.8	0.6	0.5	0.5	0.3	
95% CI (+/-)	0.8	0.6	0.6	0.5	0.4	0.4	0.2	0.3	0.2	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	0.1	
Non-Hodgkin Lymphomas																									
Rate	7.7	9.3	9.3	11.1	11.7	9.3	8.3	5.7	7.7	8.6	10.0	10.5	10.1	8.6	7.8	7.1	8.0	8.9	10.1	10.9	10.5	8.9	8.2	7.4	
95% CI (+/-)	1.4	1.5	1.5	1.6	1.6	1.3	1.3	1.0	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3	
Multiple Myeloma																									
Rate	3.7	4.1	3.6	3.9	4.9	4.5	4.3	3.2	3.6	4.1	4.4	4.5	4.3	4.1	4.0	3.7	3.7	4.2	4.6	4.7	4.8	4.4	4.1	3.8	
95% CI (+/-)	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	
Leukemias																									
Rate	11.0	9.8	10.4	11.4	11.2	10.7	9.7	8.3	10.8	10.7	10.0	10.0	9.7	9.4	8.9	8.6	11.1	11.2	10.8	10.7	10.7	10.3	9.8	9.2	
95% CI (+/-)	1.7	1.6	1.5	1.6	1.5	1.4	1.4	1.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	

(*continue*)

Table 17. Trends in Average Annual Cancer Mortality Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2016
(continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)								
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	
All Invasive Malignant Tumors																									
Rate	282.1	275.2	258.5	256.3	231.2	195.2	176.0	137.4	283.1	280.6	275.4	265.0	238.0	212.3	194.7	176.1	284.2	287.1	281.7	271.5	247.5	222.0	201.4	181.6	
95% CI (+/-)	7.7	8.1	7.6	7.3	6.8	5.9	5.5	4.6	1.7	1.8	1.8	1.8	1.6	1.5	1.3	1.2	2.3	2.5	2.4	2.3	2.1	1.8	1.7	1.6	
Oral Cavity and Pharynx																									
Rate	7.2	6.9	6.6	4.6	3.6	2.8	2.4	2.6	7.8	7.1	6.0	5.0	4.1	3.5	3.3	3.3	7.1	6.6	5.7	4.6	3.9	3.4	3.1	3.2	
95% CI (+/-)	1.2	1.3	1.2	1.0	0.9	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	
Esophagus																									
Rate	7.1	8.0	7.1	6.8	6.6	5.8	6.3	4.4	7.9	7.8	7.7	7.9	7.7	7.6	7.3	6.4	7.0	7.0	7.4	7.9	8.2	8.7	8.3	7.6	
95% CI (+/-)	1.2	1.4	1.2	1.2	1.2	1.0	1.0	0.9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	
Stomach																									
Rate	14.9	12.3	10.7	11.7	8.3	6.1	5.7	4.2	13.8	12.1	11.2	10.3	8.0	6.7	5.5	5.1	12.0	11.1	10.2	8.8	6.7	5.5	4.5	3.8	
95% CI (+/-)	1.8	1.8	1.6	1.6	1.3	1.1	1.0	0.8	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	
Colorectal																									
Rate	43.5	43.3	33.8	31.1	25.0	20.1	15.9	12.6	42.5	40.2	36.3	31.7	27.2	22.3	18.4	15.4	42.0	41.5	37.6	32.3	27.5	21.9	17.7	15	
95% CI (+/-)	3.1	3.3	2.8	2.6	2.3	2.0	1.7	1.5	0.7	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.5	
Colon excluding Rectum																									
Rate	34.4	36.5	29.5	26.1	22.2	16.6	12.9	10.1	34.0	33.5	31.2	27.1	23.1	18.6	15.1	12.3	33.2	34.2	31.8	27.1	22.9	17.9	14.2	11.7	
95% CI (+/-)	2.8	3.0	2.6	2.4	2.1	1.8	1.5	1.3	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.8	0.9	0.8	0.7	0.7	0.6	0.4	0.4	
Rectum & Rectosigmoid																									
Rate	9.2	6.8	4.3	5.0	2.7	3.4	3.0	2.5	8.5	6.6	5.1	4.6	4.1	3.7	3.3	3.2	8.8	7.4	5.8	5.2	4.5	4.0	3.5	3.2	
95% CI (+/-)	1.5	1.4	1.0	1.1	0.8	0.8	0.8	0.7	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	
Liver / Intrahepatic Bile Duct																									
Rate	3.2	4.1	4.9	5.6	6.5	7.6	7.4	6.5	4.7	5.4	6.1	6.9	7.0	7.9	8.7	9.1	3.4	3.9	4.6	5.5	5.5	6.3	7.2	7.8	
95% CI (+/-)	0.8	1.0	1.0	1.1	1.2	1.2	1.1	1.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Pancreas																									
Rate	15.8	15.5	13.6	13.0	15.7	12.0	12.2	10.6	15.0	13.8	13.3	13.1	12.9	12.5	12.7	12.6	15.1	13.9	13.6	13.5	13.5	13.0	12.8	12.9	
95% CI (+/-)	1.8	1.9	1.8	1.6	1.8	1.5	1.5	1.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	
Larynx																									
Rate	4.4	3.3	4.1	2.9	2.0	1.7	1.2	1.2	4.3	3.8	3.6	3.7	2.8	2.5	2.1	1.9	4.0	3.4	3.2	3.2	2.5	2.2	1.9	1.8	
95% CI (+/-)	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	
Lung and Bronchus																									
Rate	76.6	75.4	71.8	70.3	58.9	50.4	43.9	30.9	81.3	81.9	81.9	77.3	67.4	59.8	52.5	44.5	85.3	87.7	87.0	82.1	72.9	65.2	57.1	48.4	
95% CI (+/-)	3.8	4.1	3.9	3.8	3.4	3.1	2.8	2.2	0.9	0.9	0.9	1.0	0.8	0.8	0.7	0.6	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8	

(continue)

Table 17. Trends in Average Annual Cancer Mortality Rates Among Males, Westchester County, New York State and New York State excluding New York City, 1976-2016 (continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)							
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016
Melanoma of the Skin																								
Rate	2.8	3.7	3.9	4.4	4.4	3.0	3.7	3.0	3.1	3.3	3.6	3.2	3.4	3.0	3.2	2.9	3.3	3.5	4.2	3.9	4.0	3.7	4.0	3.6
95% CI (+/-)	0.8	0.9	0.9	1.0	0.9	0.8	0.8	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.25	0.25	0.3	0.25	0.25	0.25	0.3	0.3
Prostate																								
Rate	37.7	33.7	35.1	36.8	30.7	24.1	20.9	16.3	31.6	33.3	35.3	36.7	30.4	24.8	21.2	17.9	32.6	34.6	36.4	36.4	30.2	24.0	19.8	16.7
95% CI (+/-)	3.1	3.1	3.0	3.0	2.6	2.2	2.0	1.6	0.6	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.9	0.9	0.9	0.8	0.8	0.6	0.6	0.5
Testis																								
Rate	0.5	0.3	0.1	0.2	0.3	0.2	0.1	0.0	0.5	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.6	0.4	0.3	0.3	0.2	0.3	0.2	0.2
95% CI (+/-)	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Urinary Bladder (incl. in situ)																								
Rate	11.5	10.7	8.9	8.0	8.9	7.5	7.1	5.7	11.5	10.4	9.2	8.9	8.7	7.6	7.9	7.3	12.4	11.5	10.1	9.4	9.5	8.3	8.8	7.9
95% CI (+/-)	1.7	8.3	1.5	1.4	1.4	1.2	1.2	1.0	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3
Kidney and Renal Pelvis																								
Rate	5.0	4.9	5.8	5.3	4.7	5.5	3.7	3.5	5.8	5.7	5.7	5.6	5.3	5.1	5.0	4.5	6.0	6.1	6.3	6.1	5.8	5.7	5.4	4.9
95% CI (+/-)	1.0	1.1	1.2	1.1	1.0	1.0	0.8	0.8	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.3
Brain and Other Nervous System																								
Rate	6.0	5.4	6.3	5.2	5.5	4.9	4.9	4.4	5.2	5.2	5.1	5.0	4.7	4.7	4.6	4.5	5.3	5.1	5.5	5.6	5.2	5.3	5.1	5.1
95% CI (+/-)	1.1	1.1	1.2	1.0	1.1	1.0	0.9	0.9	0.2	0.3	0.3	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
Thyroid																								
Rate	0.6	0.7	0.5	0.9	0.6	0.4	0.7	0.6	0.6	0.6	0.4	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.4	0.5	0.4	0.4	0.5	0.5
95% CI (+/-)	0.4	0.4	0.4	0.5	0.4	0.3	0.4	0.4	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	0.1	0.1
Hodgkin Lymphoma																								
Rate	2.3	1.3	1.6	0.8	0.7	0.5	0.2	0.2	1.6	1.3	1.2	0.8	0.6	0.5	0.5	0.4	1.6	1.3	1.1	0.8	0.6	0.5	0.5	0.3
95% CI (+/-)	0.7	0.5	0.6	0.5	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Non-Hodgkin Lymphomas																								
Rate	7.6	9.3	10.0	11.3	11.4	8.9	7.9	5.1	7.7	9.1	10.0	10.6	9.8	8.3	7.6	6.9	8.0	9.4	10.2	11.0	10.2	8.6	8.0	7.1
95% CI (+/-)	1.2	1.5	1.5	1.6	1.5	1.3	1.2	0.9	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.2	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.3
Multiple Myeloma																								
Rate	3.9	4.1	3.5	4.1	5.1	4.3	4.1	2.7	3.7	4.2	4.3	4.6	4.2	4.1	3.8	3.7	3.8	4.4	4.5	4.8	4.7	4.4	3.9	3.6
95% CI (+/-)	1.0	1.0	0.9	1.0	1.1	0.9	0.9	0.7	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Leukemias																								
Rate	11.3	9.5	10.0	12.1	10.8	10.3	9.9	6.8	10.8	10.5	9.9	10.1	9.6	9.3	8.9	8.3	11.3	11.1	10.5	10.9	10.5	10.2	9.7	8.8
95% CI (+/-)	1.6	1.5	1.5	1.6	1.5	1.4	1.4	1.1	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	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.

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 <http://www.health.state.ny.us/cancer/registry/>.

Data as of November 2018. 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, 1976-2016).

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)							
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015
All Invasive Malignant Tumors																								
Rate	183.2	184.6	181.8	177.3	162.2	152.9	137.7	122.4	182.5	181.6	181.7	180.7	169.9	156.2	143.9	133.7	182.5	185.1	187.1	185.5	175.8	165.1	151.9	139.9
95% CI (+/-)	5.3	5.1	5.1	4.9	4.6	4.4	4.1	3.7	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.6	1.6	1.6	1.6	1.4	1.4	1.3	1.2
Oral Cavity and Pharynx																								
Rate	3.1	2.6	2.5	1.9	1.6	1.1	1.0	0.9	2.6	2.3	2.3	1.9	1.6	1.4	1.2	1.2	2.6	2.5	2.4	2.0	1.6	1.4	1.2	1.1
95% CI (+/-)	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2
Esophagus																								
Rate	2.4	2.4	2.7	2.1	1.9	1.7	1.8	1.6	2.4	2.2	2.2	2.2	2.1	1.9	1.7	1.5	1.9	1.9	2.0	2.1	2.1	2.0	1.8	1.7
95% CI (+/-)	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Stomach																								
Rate	7.8	6.0	5.6	5.0	4.7	3.8	3.0	2.6	7.1	6.0	5.3	5.0	4.4	3.7	3.0	2.6	6.2	5.2	4.6	3.9	3.4	2.9	2.3	2.0
95% CI (+/-)	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Colorectal																								
Rate	30.1	28.6	22.9	21.9	16.6	16.0	13.0	10.5	29.8	27.4	24.4	22.2	19.3	16.5	13.6	11.6	30.6	28.7	25.5	22.9	19.3	16.6	13.4	11.3
95% CI (+/-)	2.2	2.1	1.8	1.7	1.5	1.5	1.3	1.2	0.5	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.4
Colon excluding Rectum																								
Rate	25.1	24.2	19.6	19.5	14.8	14.0	10.8	8.7	24.9	23.6	21.2	19.3	16.8	14.2	11.6	9.8	25.4	24.5	22.0	19.8	16.6	14.1	11.3	9.5
95% CI (+/-)	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.0	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3
Rectum & Rectosigmoid																								
Rate	5.0	4.4	3.3	2.4	1.8	2.0	2.1	1.8	4.9	3.8	3.1	2.9	2.5	2.3	2.0	1.8	5.1	4.2	3.5	3.1	2.7	2.5	2.1	1.8
95% CI (+/-)	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Liver / Intrahepatic Bile Duct																								
Rate	1.5	1.6	2.1	2.8	2.6	2.6	2.8	3.9	2.5	2.5	2.7	3.0	2.9	3.0	3.3	3.6	1.7	1.7	1.9	2.4	2.5	2.5	2.9	3.2
95% CI (+/-)	0.5	0.5	0.6	0.7	0.6	0.6	0.7	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Pancreas																								
Rate	10.6	11.4	10.4	10.7	9.6	10.7	9.4	9.3	10.2	9.9	9.8	10.0	9.9	9.8	9.8	9.7	10.0	10.0	9.9	10.1	10.1	10.2	10.0	9.8
95% CI (+/-)	1.3	1.3	1.2	1.2	1.1	1.2	1.1	1.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Larynx																								
Rate	0.4	0.8	0.7	0.3	0.6	0.5	0.3	0.2	0.7	0.7	0.7	0.8	0.6	0.5	0.5	0.4	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4
95% CI (+/-)	0.3	0.4	0.4	0.3	0.3	0.3	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	0.1	0.1
Lung and Bronchus																								
Rate	25.3	29.8	34.8	36.4	35.8	33.3	32.2	28.4	23.0	28.7	34.2	38.5	38.3	37.6	35.8	32.3	23.8	30.7	37.5	42.4	43.1	43.5	41.7	37.8
95% CI (+/-)	2.0	2.1	2.3	2.3	2.2	2.1	2.0	1.9	0.4	0.4	0.5	0.6	0.6	0.5	0.4	0.4	0.6	0.6	0.7	0.8	0.7	0.7	0.7	0.6
Melanoma of the Skin																								
Rate	2.0	2.0	1.9	1.8	1.8	1.6	1.5	1.8	1.7	1.8	1.8	1.6	1.5	1.6	1.4	1.3	1.9	1.9	2.0	1.9	1.7	1.9	1.7	1.6
95% CI (+/-)	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.2	0.1	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	0.2

(continue)

Table 18. Trends in Average Annual Cancer Mortality Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2016 (continued).

	Westchester County (1976-2015)								New York State (1976-2015)								New York State excluding New York City (1976-2015)								
	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005	2006-2010	2011-2015	
Female Breast																									
Rate	39.3	39.8	38.8	34.2	29.5	26.1	21.3	18.6	38.2	37.3	37.4	34.6	30.0	25.6	22.1	19.8	38.5	38.3	38.6	34.6	29.9	25.4	22.1	19.6	
95% CI (+/-)	2.5	2.5	2.5	2.2	2.0	1.9	1.7	1.5	0.5	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.7	0.6	0.5	0.5	0.4	
Cervix Uteri																									
Rate	3.8	2.9	3.1	2.8	2.1	2.3	1.9	1.6	4.9	4.0	3.5	3.3	3.1	2.6	2.3	2.3	4.6	3.7	3.3	2.8	2.6	2.2	1.9	2.0	
95% CI (+/-)	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	
Corpus Uterus and NOS																									
Rate	5.0	4.8	4.5	4.8	4.4	5.3	6.2	5.6	5.6	5.0	4.5	4.9	4.8	4.9	5.1	5.6	5.3	5.1	4.6	4.7	4.3	4.5	4.7	5.0	
95% CI (+/-)	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.8	0.3	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	0.2	
Ovary																									
Rate	9.6	10.4	11.0	10.4	10.4	9.0	8.4	7.6	10.6	10.1	9.9	10.1	9.2	8.8	8.0	7.2	11.1	10.8	10.6	10.6	9.7	9.5	8.6	7.6	
95% CI (+/-)	1.2	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	
Urinary Bladder (incl. in situ)																									
Rate	3.6	2.7	2.9	2.5	2.4	2.4	2.0	1.7	3.3	2.9	2.8	2.8	2.6	2.4	2.3	2.2	3.4	3.0	2.9	2.9	2.7	2.6	2.4	2.4	
95% CI (+/-)	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Kidney and Renal Pelvis																									
Rate	2.3	2.6	2.8	2.2	2.5	2.1	1.8	1.1	2.5	2.6	2.7	2.5	2.4	2.3	2.1	1.9	2.8	2.9	3.0	2.9	2.7	2.7	2.4	2.2	
95% CI (+/-)	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.2	0.1	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	0.2	
Brain and Other Nervous System																									
Rate	2.9	3.1	4.1	3.2	3.6	3.3	2.6	3.2	3.3	3.5	3.2	3.3	3.3	3.0	2.9	3.1	3.4	3.6	3.5	3.7	3.5	3.6	3.2	3.5	
95% CI (+/-)	0.7	0.7	0.9	0.7	0.8	0.7	0.7	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	
Thyroid																									
Rate	1.0	0.6	0.7	0.5	0.7	0.5	0.4	0.4	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.6	0.5	0.5	0.6	0.5	0.5	0.5	
95% CI (+/-)	0.4	0.3	0.3	0.3	0.3	0.3	0.2	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	0.1	0.1	
Hodgkin Lymphoma																									
Rate	0.8	0.7	0.6	0.6	0.4	0.7	0.4	0.2	1.0	0.8	0.6	0.6	0.5	0.4	0.3	0.3	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.3	
95% CI (+/-)	0.4	0.4	0.3	0.3	0.3	0.4	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	0.1	0.1	
Non-Hodgkin Lymphomas																									
Rate	5.4	5.1	5.8	6.7	6.9	5.8	5.2	4.5	5.3	5.7	6.2	6.7	6.9	5.4	4.9	4.2	5.7	5.7	6.6	7.1	7.4	5.7	5.2	4.4	
95% CI (+/-)	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.2	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	0.2	
Multiple Myeloma																									
Rate	3.0	2.9	2.8	3.9	2.7	2.3	2.8	2.4	2.6	2.9	2.8	3.2	3.1	2.7	2.5	2.5	2.6	2.8	2.9	3.3	3.0	2.6	2.6	2.5	
95% CI (+/-)	0.7	0.7	0.6	0.8	0.6	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Leukemias																									
Rate	6.5	6.8	5.7	6.2	5.7	5.2	5.2	4.2	6.5	6.4	5.9	5.7	5.7	5.3	5.0	4.7	6.8	6.6	6.2	6.0	6.1	5.7	5.2	5.0	
95% CI (+/-)	1.1	1.0	0.9	1.0	0.9	0.9	0.9	0.8	0.3	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	0.2	0.3	

(continue)

Table 18. Trends in Average Annual Cancer Mortality Rates Among Females, Westchester County, New York State and New York State excluding New York City, 1976-2016

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)								
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	
All Invasive Malignant Tumors																									
Rate	185.7	183.1	179.1	177.8	158.3	151.2	134.3	109.7	182.4	181.9	181.2	179.9	166.9	153.7	141.8	130.4	182.4	186.6	186.3	184.7	173.5	162.6	149.6	136	
95% CI(+/-)	4.9	5.2	5.0	5.0	4.6	4.4	4.1	3.6	1.1	1.2	1.2	1.1	1.1	1.1	0.9	0.9	1.5	1.6	1.6	1.5	1.5	1.4	1.3	1.2	
Oral Cavity and Pharynx																									
Rate	3.1	2.5	2.3	1.9	1.4	1.1	0.9	0.8	2.5	2.3	2.2	1.8	1.5	1.3	1.2	1.1	2.5	2.5	2.4	1.8	1.6	1.3	1.2	1.1	
95% CI(+/-)	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	
Esophagus																									
Rate	2.6	2.3	2.6	2.2	1.7	1.6	1.9	1.5	2.4	2.2	2.2	2.2	2.0	2.0	1.7	1.5	1.9	1.9	2.0	2.1	2.0	1.9	1.8	1.6	
95% CI(+/-)	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.4	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	
Stomach																									
Rate	7.6	5.7	5.3	5.0	4.4	4.1	2.6	2.4	7.0	5.8	5.2	5.0	4.2	3.6	2.9	2.5	6.1	5.0	4.4	3.9	3.3	2.8	2.1	1.9	
95% CI(+/-)	1.0	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.2	0.3	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	0.2	
Colorectal																									
Rate	30.6	27.4	22.1	21.0	16.4	15.7	12.1	9.4	29.6	26.9	23.8	21.6	18.9	15.8	13.2	11.2	30.4	28.3	24.8	22.2	18.9	15.7	12.9	10.9	
95% CI(+/-)	2.0	2.0	1.8	1.7	1.5	1.4	1.3	1.1	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	
Colon excluding Rectum																									
Rate	25.5	23.0	19.4	18.6	14.5	13.5	10.4	7.4	25.0	23.1	20.7	18.8	16.5	13.6	11.2	9.3	25.4	24.2	21.4	19.2	16.3	13.3	10.9	9	
95% CI(+/-)	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	
Rectum & Rectosigmoid																									
Rate	5.1	4.4	2.7	2.4	1.9	2.2	1.7	2.0	4.7	3.7	3.1	2.8	2.4	2.2	2.0	1.8	5.0	4.1	3.4	3.0	2.6	2.4	2.1	1.8	
95% CI(+/-)	0.8	0.8	0.6	0.6	0.5	0.6	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Liver / Intrahepatic Bile Duct																									
Rate	1.6	1.6	2.1	2.8	2.6	2.9	3.0	3.1	2.5	2.5	2.7	3.0	2.9	3.1	3.3	3.6	1.8	1.6	1.9	2.5	2.5	2.7	3.0	3.2	
95% CI(+/-)	0.5	0.5	0.6	0.7	0.6	0.6	0.7	0.7	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Pancreas																									
Rate	10.7	11.6	10.0	10.5	10.1	10.1	9.6	8.5	10.2	9.9	9.7	10.1	9.9	9.7	9.8	9.6	10.0	10.0	9.9	10.1	10.2	10.1	10.0	9.7	
95% CI(+/-)	1.2	1.3	1.2	1.2	1.2	1.2	1.1	1.0	0.3	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	0.4	0.4	
Larynx																									
Rate	0.6	0.7	0.6	0.4	0.5	0.4	0.3	0.1	0.7	0.7	0.7	0.8	0.6	0.5	0.5	0.4	0.6	0.7	0.7	0.7	0.5	0.5	0.5	0.4	
95% CI(+/-)	0.3	0.3	0.3	0.3	0.3	0.3	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	0.1	0.1	
Lung and Bronchus																									
Rate	26.3	30.1	35.2	36.6	35.4	33.1	31.6	25.4	23.4	30.2	35.2	38.6	38.2	37.3	35.4	30.8	24.3	32.5	38.7	42.7	43.1	43.4	41.2	36.2	
95% CI(+/-)	1.9	2.1	2.3	2.3	2.2	2.1	2.0	1.7	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.8	0.7	0.7	0.6	0.6	
Melanoma of the Skin																									
Rate	2.2	2.0	1.6	2.1	1.6	1.7	1.7	1.3	1.7	1.8	1.7	1.6	1.5	1.6	1.4	1.3	1.8	1.9	2.0	2.0	1.7	1.9	1.7	1.6	
95% CI(+/-)	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	

(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, 1976-2016 (continued).

	Westchester County (1976-2016)								New York State (1976-2016)								New York State excluding New York City (1976-2016)								
	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	1976-1981	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012-2016	
Female Breast																									
Rate	39.5	40.0	37.9	33.8	27.9	25.0	21.3	16.4	38.1	37.3	36.9	34.2	28.8	24.7	21.7	19.4	38.4	38.7	37.9	33.9	28.8	24.4	21.9	19.0	
95% CI (+/-)	2.3	2.5	2.4	2.2	-2.0	1.8	1.7	1.4	0.6	0.5	0.6	0.5	0.4	0.4	0.4	0.3	0.7	0.8	0.7	0.6	0.6	0.5	0.5	0.4	
Cervix Uteri																									
Rate	4.2	2.7	2.9	2.6	1.9	2.0	2.1	1.5	4.9	3.8	3.4	3.3	3.0	2.6	2.3	2.3	4.6	3.5	3.2	2.8	2.5	2.1	1.9	2.0	
95% CI (+/-)	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.2	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	0.2	
Corpus Uterus and NOS																									
Rate	5.1	4.5	4.7	5.1	4.4	5.4	5.8	5.6	5.5	4.9	4.6	4.9	4.8	5.0	5.2	5.7	5.3	5.0	4.5	4.7	4.3	4.7	4.7	5.0	
95% CI (+/-)	0.8	0.9	0.8	0.9	0.8	0.9	0.9	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	
Ovary																									
Rate	9.9	10.1	11.0	10.3	11.0	9.0	7.8	6.8	5.5	4.9	4.6	4.9	4.8	5.0	5.2	5.7	11.2	10.6	10.8	10.3	9.7	9.5	8.3	7.3	
95% CI (+/-)	1.2	1.3	1.3	1.3	1.3	1.1	1.0	0.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	
Urinary Bladder (incl. in situ)																									
Rate	3.4	2.8	2.9	2.4	2.4	2.6	1.8	1.5	3.3	2.9	2.7	2.9	2.6	2.4	2.3	2.2	3.3	3.0	2.8	3.0	2.7	2.6	2.4	2.4	
95% CI (+/-)	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Kidney and Renal Pelvis																									
Rate	2.3	2.8	2.6	2.5	2.2	2.0	1.7	1.0	2.5	2.7	2.7	2.6	2.4	2.3	2.1	1.8	2.8	3.0	3.0	2.9	2.7	2.6	2.3	2	
95% CI (+/-)	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Brain and Other Nervous System																									
Rate	2.8	3.5	3.7	3.3	3.7	3.2	2.8	3.1	3.3	3.5	3.2	3.4	3.2	3.0	2.9	3.1	3.4	3.6	3.4	3.8	3.5	3.4	3.2	3.5	
95% CI (+/-)	0.7	0.8	0.8	0.7	0.8	0.7	0.6	0.6	0.2	0.2	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	
Thyroid																									
Rate	0.9	0.6	0.7	0.6	0.6	0.4	0.3	0.4	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.6	0.5	0.4	0.5	0.5	
95% CI (+/-)	0.4	0.3	0.4	0.3	0.3	0.3	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	0.1	0.1	
Hodgkin Lymphoma																									
Rate	0.8	0.7	0.6	0.7	0.3	0.8	0.3	0.2	1.0	0.8	0.6	0.6	0.5	0.4	0.3	0.3	1.0	0.8	0.6	0.6	0.5	0.4	0.3	0.3	
95% CI (+/-)	0.4	0.4	0.4	0.4	0.3	0.4	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	0.1	0.1	
Non-Hodgkin Lymphomas																									
Rate	5.3	5.2	5.9	7.1	6.7	5.6	5.1	4.0	5.3	5.7	6.3	6.8	6.6	5.3	4.7	4.1	5.6	5.8	6.7	7.2	7.1	5.7	5.0	4.2	
95% CI (+/-)	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.2	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	0.2	
Multiple Myeloma																									
Rate	3.0	3.0	2.6	3.7	2.8	2.4	2.8	2.3	2.7	2.9	2.8	3.2	3.0	2.6	2.6	2.5	2.6	2.9	2.9	3.2	3.0	2.6	2.6	2.5	
95% CI (+/-)	0.7	0.7	0.6	0.7	0.7	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.15	
Leukemias																									
Rate	6.5	6.9	5.6	6.3	5.1	5.1	5.3	3.6	6.5	6.2	5.9	5.8	5.6	5.2	4.9	4.6	6.8	6.4	6.3	6.0	6.0	5.6	5.1	4.7	
95% CI (+/-)	1.0	1.0	0.9	1.0	0.9	0.8	0.8	0.7	0.2	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	0.2	

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

Rates based on fewer than 4 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 <http://www.health.state.ny.us/cancer/registry/> Data as of November 2018. Incidence data are provisional.

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014.

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
1.01	6	8	5	11	11	16	12	11	8	4	6	4
1.03	4	8	10	12	12	16	15	15	1	4	2	5
2.01	12	13	8	18	19	23	26	19	2	7	6	7
2.02	12	8	12	11	10	15	6	13	6	4	6	4
2.03	11	12	14	17	14	18	12	13	3	7	4	6
3	8	11	13	16	14	19	10	14	2	6	2	6
4.01	6	6	10	8	12	12	8	9	2	3	0	3
4.02	14	11	17	16	18	22	25	16	3	5	3	6
5	9	10	19	17	11	16	15	15	5	7	3	5
6	30	19	29	28	28	30	26	27	11	11	6	9
7.01	8	10	6	15	18	17	14	15	1	6	4	5
7.02	7	10	18	15	21	19	11	16	5	5	6	5
8.01	20	18	27	28	27	29	26	26	9	11	14	9
8.02	8	5	9	8	10	9	3	8	2	3	3	3
8.03	15	10	13	15	15	18	18	16	10	6	7	5
9	13	8	11	12	15	14	7	12	4	5	2	4
10	8	4	11	7	4	7	7	6	2	3	2	2
11.01	4	3	4	5	7	7	6	6	1	2	1	2
11.02	13	8	15	12	18	15	5	11	2	4	2	4
12	8	7	9	9	6	12	13	10	4	4	2	4
13.01	10	9	11	13	17	15	11	14	2	5	4	5
13.02	8	6	6	9	7	12	13	11	2	3	2	4
13.03	7	10	14	14	9	18	17	15	3	5	9	5
14.01	13	11	22	17	17	17	13	18	3	7	5	6
14.02	6	7	10	10	16	10	14	10	1	4	2	3
14.03	8	8	11	12	10	14	10	12	6	5	4	4
15.02	10	8	17	13	17	13	15	12	5	5	8	4
15.03	9	8	14	12	10	12	10	12	7	5	4	4
15.04	8	13	17	19	21	20	14	20	9	8	7	7
15.05	4	6	10	9	10	10	7	8	5	3	2	3

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 *(continued)*.

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
16	9	7	13	10	13	12	15	10	2	4	7	4
17	25	18	28	28	28	29	30	29	15	11	11	9
18	4	4	5	5	7	7	8	5	1	2	0	2
19	6	5	3	7	6	8	3	8	3	3	3	3
20	14	15	18	23	32	22	14	24	5	9	6	8
21.01	5	11	17	16	18	17	12	17	9	7	6	5
21.03	8	10	7	15	21	15	14	15	4	6	5	5
21.04	24	19	33	29	36	29	24	27	11	12	13	9
21.05	3	7	11	11	16	10	11	10	4	5	4	4
21.06	6	5	5	7	6	9	3	7	4	2	3	2
21.07	5	4	7	6	7	7	7	6	1	2	3	2
22.01	4	7	13	11	12	11	12	11	1	4	8	4
22.02	11	18	17	28	29	30	19	24	10	10	7	9
22.03	11	8	6	13	11	13	6	10	4	5	1	4
22.04	20	14	19	22	33	24	16	20	18	8	11	7
23	8	11	15	16	13	18	7	15	6	6	5	6
24.01	4	5	10	8	14	8	4	7	5	3	3	3
24.02	12	10	20	16	18	19	9	14	8	6	3	5
24.03	19	14	19	20	21	22	15	20	7	8	5	7
24.04	5	7	7	11	13	12	13	11	8	5	4	4
24.05	9	8	16	13	19	13	11	12	5	5	2	4
26	13	9	10	13	11	16	27	13	2	5	7	5
27	4	6	10	9	9	13	21	10	1	3	2	3
28	4	5	9	8	4	10	10	8	1	3	2	3
29	14	8	20	13	14	16	15	12	1	5	2	4
30	8	5	6	8	9	10	16	8	3	3	4	3
31	7	5	10	8	10	11	22	8	1	3	2	3
32	9	4	4	7	6	9	22	7	0	2	2	2
33	12	8	7	12	16	15	21	13	4	5	2	4
34	8	9	10	14	17	19	23	14	0	5	9	5
35	5	3	4	5	7	7	8	5	0	2	1	2

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 (continued).

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
36	9	9	7	13	14	15	13	12	5	5	1	4
37	7	7	7	9	11	13	15	10	2	3	6	4
38	9	9	20	13	6	15	7	12	2	5	2	5
39	9	9	13	13	22	15	13	13	6	5	3	5
40	26	17	16	24	25	28	33	23	9	10	9	8
41	12	9	7	13	26	18	24	13	4	5	1	5
42	18	12	19	19	25	22	28	18	6	7	4	6
43	7	9	5	11	6	12	7	7	2	5	4	4
44	14	11	12	16	16	17	30	17	10	6	3	5
45	2	5	5	7	3	8	10	6	1	3	5	2
46	7	9	9	14	19	15	11	13	5	5	2	5
47	6	6	3	9	23	11	16	12	6	4	3	3
48	18	17	15	25	24	29	24	23	2	10	7	9
49	9	11	12	17	27	19	10	13	5	6	8	6
50.01	6	9	10	14	21	15	14	14	3	6	6	5
50.02	11	12	15	19	26	20	22	19	7	7	4	6
51	13	13	20	19	23	20	14	16	8	7	4	6
52	10	13	14	19	33	20	20	21	9	8	6	6
53	13	11	11	17	13	20	24	17	6	6	6	6
54	3	4	2	5	8	7	3	6	0	2	0	2
55	17	14	18	21	30	23	33	23	11	8	11	7
57.01	14	22	45	34	21	35	26	31	13	13	3	11
57.02	9	14	19	19	17	20	7	13	5	8	5	6
58	8	11	12	16	12	16	9	15	8	6	9	5
59.01	11	10	8	15	16	17	10	14	8	5	4	5
59.02	11	15	22	23	27	25	24	25	8	9	9	8
60	7	8	8	11	11	14	13	12	5	4	3	4
61	2	6	6	8	9	10	7	9	2	3	2	3
62	4	10	15	15	16	16	15	16	3	6	6	6
63	15	18	36	26	17	27	20	25	4	10	12	9

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 *(continued)*

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
64	15	11	12	17	20	21	30	17	9	6	5	6
65	16	10	19	14	16	17	26	15	7	5	8	5
66	8	14	26	21	28	24	22	21	4	8	9	7
67	5	13	15	20	23	21	30	24	7	8	14	7
68.01	20	17	22	25	37	25	33	27	8	11	18	8
68.02	19	19	17	28	27	29	30	28	8	11	19	9
69	12	15	21	22	30	25	29	24	9	8	8	8
70	13	17	18	25	33	28	29	26	10	10	12	9
71	14	13	16	20	29	23	16	22	3	8	6	7
72	15	22	26	31	29	33	40	27	12	13	7	11
73	9	9	13	14	16	16	13	14	7	5	4	5
74.01	14	11	19	15	16	18	16	16	6	6	4	6
74.02	4	8	10	12	9	13	14	12	8	5	3	4
75	15	16	18	22	13	22	20	18	8	9	10	7
76	12	15	14	22	29	24	30	23	12	9	10	8
77	9	10	9	15	14	19	16	16	6	6	4	5
78	5	6	4	9	5	11	9	9	4	3	3	4
79	11	16	20	22	20	25	16	21	9	8	7	8
80	7	8	7	11	10	14	6	11	4	4	6	4
81	7	9	10	13	17	16	11	14	4	5	2	5
82	14	18	23	27	32	30	32	29	11	11	9	9
83.01	5	7	8	11	10	12	10	10	6	4	8	4
83.02	36	23	26	33	49	34	32	31	13	14	16	11
84.01	3	5	6	8	19	9	9	9	0	3	3	3
84.03	7	10	9	14	15	15	9	14	7	6	6	5
84.04	9	11	14	17	21	20	19	16	14	6	7	6
85	6	10	17	15	26	16	16	17	5	6	10	5
86.02	5	10	7	14	12	16	19	17	4	6	12	6
87	18	15	17	22	33	23	22	21	14	9	8	8
88	10	10	9	14	16	18	17	13	5	5	5	5
89.01	12	16	25	23	25	28	14	20	9	9	8	8

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 (continued)

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
89	6	8	8	11	8	15	7	12	2	4	2	4
90	4	9	12	14	24	15	18	13	3	5	6	5
91	15	11	6	16	29	19	20	17	3	6	2	6
92	10	15	12	21	20	24	28	22	5	8	8	8
93	7	7	16	11	13	13	11	10	4	4	7	4
94	9	11	16	16	21	18	18	15	8	7	10	6
95	10	13	15	18	18	22	20	17	3	7	10	7
96	10	12	17	18	29	20	19	19	8	7	8	6
97.01	7	10	9	15	18	15	14	15	7	6	7	5
97.02	9	9	14	14	26	15	13	15	7	5	6	5
97.03	12	15	16	25	30	23	41	27	11	10	15	8
98	11	11	16	17	22	18	20	20	4	7	7	6
99	9	7	2	11	14	12	12	13	4	5	5	4
100	15	13	7	19	33	22	18	22	4	8	12	7
101	10	11	18	16	27	18	12	18	2	6	7	6
102	10	14	11	20	27	22	23	23	6	8	4	7
103	6	11	10	15	20	17	6	13	6	6	5	5
104	8	12	22	17	18	19	12	14	8	7	1	6
105	17	17	16	25	29	30	25	28	10	10	17	9
106	11	14	12	21	22	22	20	21	8	8	9	7
107.01	19	17	26	26	34	28	26	28	13	10	13	9
107.02	9	14	17	21	34	26	23	21	9	8	7	7
108.01	11	10	12	16	34	17	13	17	6	6	2	5
108.03	13	15	23	23	26	24	16	19	9	9	9	7
108.04	9	8	8	12	18	13	16	12	2	5	6	4
109.01	6	9	6	12	8	13	8	9	3	5	5	4
109.02	16	14	22	22	38	27	30	22	2	8	4	8
109.03	14	12	14	18	22	21	26	17	4	6	3	6
110	5	7	7	10	7	11	12	12	2	4	3	4
111.01	8	13	17	19	27	21	23	21	11	7	7	7
111.02	7	8	7	12	16	13	14	14	2	5	3	4
112	5	9	9	13	13	14	12	13	5	5	2	5

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 *(continued)*

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
113	14	17	20	26	34	30	23	29	8	10	14	9
114	15	15	27	23	37	27	14	24	11	9	11	8
115	9	13	12	19	25	22	24	18	7	7	10	7
116	9	14	13	20	19	23	12	20	3	8	7	7
117	11	7	7	10	11	12	13	11	4	4	2	4
118	9	12	15	17	28	20	18	21	11	7	12	6
119.02	6	12	15	18	12	19	15	18	4	7	6	6
120	12	13	20	19	29	20	27	20	12	8	5	7
121.01	17	14	12	22	38	24	25	25	11	9	12	8
121.02	9	12	18	18	24	19	25	19	9	7	7	6
122	13	17	20	25	32	29	35	26	15	10	17	9
123.01	1	5	10	8	12	9	6	8	4	3	5	3
123.03	10	11	13	17	22	19	19	20	7	7	12	6
123.04	5	12	6	18	24	20	28	23	7	7	4	6
124	15	14	20	22	29	23	25	27	7	9	9	7
125.01	6	7	11	11	21	13	15	13	8	4	6	4
125.02	9	14	9	21	31	25	27	26	8	8	13	7
125.03	5	8	8	12	16	15	17	16	10	5	7	5
126	7	11	3	16	26	19	19	19	10	6	8	6
127	11	12	8	19	23	19	18	22	9	7	4	6
128.02	18	17	20	25	45	28	28	27	12	10	13	9
129	9	10	18	14	18	16	10	14	11	6	6	5
130	13	16	19	23	35	26	20	23	12	9	4	8
131.02	11	13	7	20	36	24	29	24	6	8	14	7
131.03	14	12	6	18	37	21	20	22	17	7	7	7
131.04	10	14	13	21	32	24	26	27	4	8	10	8
132.01	8	10	7	14	13	16	15	17	5	6	5	5
132.02	12	10	12	15	24	16	12	14	10	6	7	5
133.01	3	5	9	7	7	9	3	7	0	3	5	3
133.04	14	10	11	15	14	17	10	15	4	6	4	5
134	13	13	18	19	29	25	19	20	9	7	5	7
135	7	9	16	13	18	15	16	14	6	5	4	5
136	11	10	6	15	13	19	17	16	5	6	7	5

(continue)

Table 19. Cancer Incidence by Census Tract, and Specific Cancer Types, Westchester County, 2010-2014 (continued).

Primary Census Tract	Colorectal		Lung and Bronchus		Female Breast		Prostate		Urinary Bladder (incl. in situ)		Non-Hodgkin Lymphoma	
	No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases		No. of Cases	
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected
137	12	21	18	31	39	31	41	30	9	12	3	10
138	9	8	14	12	14	14	14	14	7	5	2	4
139	12	13	22	19	29	22	27	19	9	7	6	7
140	3	5	8	8	10	9	9	9	5	3	6	3
141	15	14	12	20	20	24	25	19	4	8	11	7
142	7	7	15	10	17	12	10	10	3	4	4	4
143	4	8	14	11	10	12	13	11	2	4	2	4
144	11	12	20	17	18	22	18	18	6	6	3	6
145	11	12	17	18	28	22	20	19	8	6	8	6
146.04	17	18	27	27	20	24	21	27	3	12	5	9
146.05	10	13	21	20	14	19	14	19	8	8	2	6
146.06	16	15	15	22	29	25	28	28	7	9	13	8
146.07	2	9	13	13	22	16	14	16	7	5	2	5
147.01	9	13	15	20	22	22	18	20	8	8	2	7
147.03	11	13	25	19	33	23	23	22	4	7	7	7
147.04	2	5	7	8	6	8	6	9	3	3	1	3
148.04	21	19	25	27	43	33	35	29	13	10	11	10
148.05	11	12	11	18	19	20	14	20	5	7	4	6
148.06	16	15	20	23	26	27	15	27	11	9	9	8
148.08	10	10	13	15	18	16	14	16	9	6	10	5
148.09	15	16	17	24	33	27	18	25	6	9	11	8
148.1	16	15	42	23	22	20	21	15	12	9	12	7
148.11	10	13	21	19	31	22	22	24	9	7	5	7
149.01	13	18	17	26	30	27	26	28	11	10	9	9
149.03	7	27	11	44	10	37	14	34	9	18	5	13
149.07	5	8	7	12	18	15	18	14	11	4	6	4
149.08	6	7	12	10	16	12	15	12	6	4	7	4
149.09	35	11	53	18	51	18	40	16	28	7	23	6
150	11	16	16	23	18	25	28	25	11	9	5	8

Data are provisional, March 2017.

Census Tracts are based on 2010 census definition.

Appendices

A1. Data Sources

Data for this report was derived from the New York State Department of Health Cancer Registry and the National Cancer Institute, 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. However, evaluation of the reporting patterns shows that 1976 is the first year that is considered complete enough to use for analysis of statewide cancer trends.

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.

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 (2011-2015 and 2012-2016) are combined because the number of cases and rates for single years can vary considerably.

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 New York State Cancer Registry is a member of the North American Association of Central Cancer Registries (NAACCR). The National Cancer Institute also maintains a large cancer registry called the Surveillance, Epidemiology and End-Results (SEER) program.

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

A2. 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).

A3. Health Planning Regions and Municipality Map

