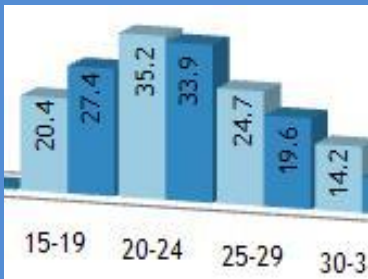


2010

Robert P. Astorino,
Westchester County Executive
County Board of Legislators



Annual Data Book

Vital Statistics Report

Westchester County Department of Health

Cheryl Archbald, MD, MPH
Acting Commissioner of Health

Westchester
gov.com

Project Directors	Jiali Li (Ph.D), Director of Research and Evaluation Renee Recchia, Assistant Commissioner of Planning and Evaluation
Project Staff	Stanley Cho, Medical Data Analyst Milagros Venuti, Assistant Statistician
Editor	Cheryl Archbald, MD, MPH, Acting Commissioner of Health
Contact	Jiali Li (Ph.D), (914) 813-5100 Westchester County Department of Health, Planning and Evaluation 145 Huguenot Street, 8th Floor, New Rochelle, NY 10801

FOREWORD

Westchester County Department of Health is the local health department for Westchester County, which is located north of New York City and covers an area of 450.5 square miles. The Hudson River and Rockland County form Westchester County's western border and Putnam County and the state of Connecticut border Westchester to the north and east, respectively. Westchester County has a population of 949,113 based on 2010 US Census data*. In 2010, 68.1% of the County's population was white, 14.6% was black, 5.5% was Asian/Pacific Islander, and 11.8% was of mixed or other races. In addition, Hispanics comprised 21.8% of Westchester County's residents.

The mission of the Department of Health is to promote health, prevent disease and prolong meaningful life for Westchester County residents. The Health Department monitors and controls the spread of communicable disease, monitors and regulates air and water quality, enforces the state and local sanitary code, promotes and ensures local public health activities, and assures the availability of community health services.

Starting with the 2010 Annual Data Book, separate reports are developed in order to facilitate the retrieval of data on specific topics, such as demographics, vital statistics, cancer, communicable diseases, emergency room visits, and hospitalizations. The individual volumes of the reports will be published at various times upon the availability of the data.

* Because the 2010 US census were not fully available at the time of publication, all data analyses in the Data Book are based on the 2000 US census.

TABLE OF CONTENTS

Highlights	1
Births and Pregnancies	2
Number of Births and Birth Rates	2
Demographics	3
Maternal Age	4
Residential Areas	7
Birthweight	8
Prenatal Care	9
Gestational Age	11
Insurance Coverage	12
Delivery Method	14
Pregnancies	15
Abortions	16
Deaths	18
Number of Deaths and Death Rates	18
Major Causes of Death	19
Leading Causes of Death by Gender, Race, and Ethnicity	21
Diseases of the Circulatory System	23
Neoplasms	24
Tables	25
Appendices	57

List of Figures in Text

Births and Pregnancies

1	Number of Births, Westchester County, 2003-2008	2
2	Percent of Births by Birthplace, Westchester County, 2008	2
3	Number of Births by Mother's Race/Ethnicity, Westchester County, 2008	3
4	Percent of Births by Mother's Nation of Origin, Westchester County, 2008	4
5	Percent of Births by Maternal Age, Westchester County, 2008	4
6	Percent of Births by Maternal Age and Race/Ethnicity, Westchester County, 2008	5
7	Average Maternal Age by Race/Ethnicity, Westchester County, 2008	5
8	Average Maternal Age by Mother's Region of Origin, Westchester County, 2008	6
9	Average Maternal Age by Mother's Educational Level, Westchester County, 2008	6
10	Birth Rates by Municipality, Westchester County, 2008	7
11	Percent of Infants with Low Birthweight by Mother's Race/Ethnicity, Westchester County, 2008	8
12	Average Birthweight of Infants by Mother's Risk Behavior During Pregnancy, Westchester County, 2008	8
13	Percent of Infants Born to Mothers Who Delayed or Did Not Seek Prenatal Care by Maternal Age, Westchester County, 2008	9
14	Percent of Infants Born to Mothers Who Delayed or Did Not Seek Prenatal Care by Race/Ethnicity, Westchester County, 2008	10
15	Percent of Infants Born to Mothers Who Delayed or Did Not Seek Prenatal Care by Mother's Educational Level, Westchester County, 2008	10
16	Percent of Infants Born to Mothers Who Delayed or Did Not Seek Prenatal Care by Mother's Region of Origin, Westchester County, 2008	11
17	Percent of Preterm Birth by Race/Ethnicity, Westchester County, 2008	11
18	Percent of Births by Mother's Insurance Coverage for Delivery, Westchester County, 2008	12
19	Percent of Births by Mother's Insurance Coverage and Age, Westchester County, 2008	12
20	Percent of Births by Mother's Insurance Coverage and Race/Ethnicity, Westchester County, 2008	13
21	Percent of Births by Mother's Insurance by Mother's Insurance Coverage and Region of Origin, Westchester County, 2008	13
22	Percent of Births Delivered by Cesarean Section by Age, Westchester County, 2008	14
23	Percent of Births Delivered by Cesarean Section by Race/Ethnicity, Westchester County, 2008	14
24	Percent Distribution of Pregnancy Outcomes, Westchester County, 2008	15

25	Age-Specific Pregnancy Rates per 1,000 Female Population, by Race/Ethnicity, Westchester County, 2008	15
26	Percent of Pregnancies Ended by Induced Abortion by Race/Ethnicity, Westchester County, 2008	16
27	Percent of Pregnancies Ended by Induced Abortion by Race/Ethnicity, Westchester County, 2008	16
28	Percent of Pregnancies Ended by Induced Abortion by Maternal Age, Westchester County, 2008	17

Deaths

29	Average Age at Death, Westchester County, 2008	18
30	Death Rates by Municipality, Westchester County, 2008	18
31	Infant Mortality Rate by Race/Ethnicity, Westchester County, 2007-2008	19
32	Percent Distribution of Selected Causes of Death, Westchester County, 2008	19
33	Percent Distribution of Selected Causes of Death by Age, Westchester County, 2008	20
34	Percent Distribution of Selected Causes of Death by Sex, Westchester County, 2008	21
35	Percent Distribution of Selected Causes of Death by Race/Ethnicity, Westchester County, 2008	22
36	Percent Distribution of Deaths Due to Diseases of the Circulatory System, Westchester County, 2008	23
37	Percent Distribution of Deaths Due to Neoplasms, by Sex, Westchester County, 2008	24

Tables

Births and Pregnancies

1	Total Number of Births and Birth Rates by Municipality, Westchester County, 2008	25
2	Average Maternal Age and Number of Births by Mother's Age and Municipality, Westchester County, 2008	26
3	Percentage of Infants with Low Birthweight, Less Than 37 Gestation Weeks, and Late or No Prenatal Care by Municipality, Westchester County, 2008	27
4	Number of Births by Mother's Age and Race/Ethnicity, Westchester County, 2008	28
5	Number of Births by Mother's Age and Mother's Nation of Origin, Westchester County, 2008	29
6	Number of Births by Mother's Age and Educational Level, Westchester County, 2008	30
7	Number of Births by Birthweight and Mother's Race/Ethnicity and Age, Westchester County, 2008	31
8	Average Birthweight by Maternal Exposure to Smoking and Drug Use During Pregnancy by Mother's Race/Ethnicity, Westchester County, 2008	32
9	Number of Births by Time Starting Prenatal Care and Mother's Age and Race/Ethnicity, Westchester County, 2008	33
10	Number of Births by Time Starting Prenatal Care and Mother's Region of Origin, Westchester County, 2008	34
11	Number of Births by Time Starting Prenatal Care and Mother's Educational Level and Race/Ethnicity, Westchester County, 2008	35
12	Number of Births by Gestational Age and Mother's Age and Race/Ethnicity, Westchester County, 2008	36
13	Number of Births by Insurance Coverage and Mother's Age and Race/Ethnicity, Westchester County, 2008	37
14	Number of Births by Insurance Coverage and Mother's Geographical Region of Origin, Westchester County, 2008	38
15	Number of Births by Delivery Method and Mother's Age and Race/Ethnicity, Westchester County, 2008	39
16	Number of Total Pregnancies, Live Births, Spontaneous Fetal Deaths, and Induced Abortions by Mother's Age and Race/Ethnicity, Westchester County, 2008	40

Deaths

17	Total Number of Deaths and Infant Deaths, Death Rate and Infant Mortality Rate, Westchester County, 2008	41
18	Number of Deaths and Death Rates by Age Group and Sex, and Average Age of Death by Sex, Westchester County, 2008	42
19	Number of Deaths and Death Rates by Age Group and Race/Ethnicity, and Average Age of Death by Race/Ethnicity, Westchester County, 2008	43

20	Number of Infant Deaths and Infant Mortality Rates by Race/Ethnicity, Westchester County, 2002-2008	44
21	Ten Leading Causes of Death and Death Rates, Westchester County, New York State (NYS), and the United States, 2006-2008	45
22	Number of Deaths and Death Rates by Selected Causes and Sex, Westchester County, 2008	46
23	Number of Deaths and Death Rates by Selected Causes and Age Group, Westchester County, 2008	47-48
24	Number of Deaths and Death Rates by Selected Causes and Race/Ethnicity, Westchester County, 2008	49-50
25	Number and Percentage of Deaths Due to Diseases of the Circulatory System by Age Group, Westchester County, 2008	51
26	Number and Percentage of Deaths Due to Diseases of the Circulatory System by Sex, Westchester County, 2008	52
27	Number and Percentage of Deaths Due to Diseases of the Circulatory System by Race/Ethnicity, Westchester County, 2008	53
28	Number and Percentage of Deaths Due to Neoplasms by Age, Westchester County, 2008	54
29	Number and Percentage of Deaths Due to Neoplasms by Age and Group of Sex, Westchester County, 2008	55
30	Number and Percentage of Deaths Due to Neoplasms by Race/Ethnicity, Westchester County, 2008	56

Appendices

A1	Data Sources and Definition for Vital Statistics	57
A2	Technical Notes	59
A3	International Classification of Diseases (ICD-10): Codes for Selected Causes of Death	60
A4	International Classification of Diseases (ICD-10): Codes for Selected Causes of Death due to Diseases of the Circulatory System	61
A5	International Classification of Diseases (ICD-10): Codes for Selected Causes of Death due to Neoplasms	62
A6	Westchester County Municipalities and Health Planning Regions	63
A7	Map of Westchester County	65

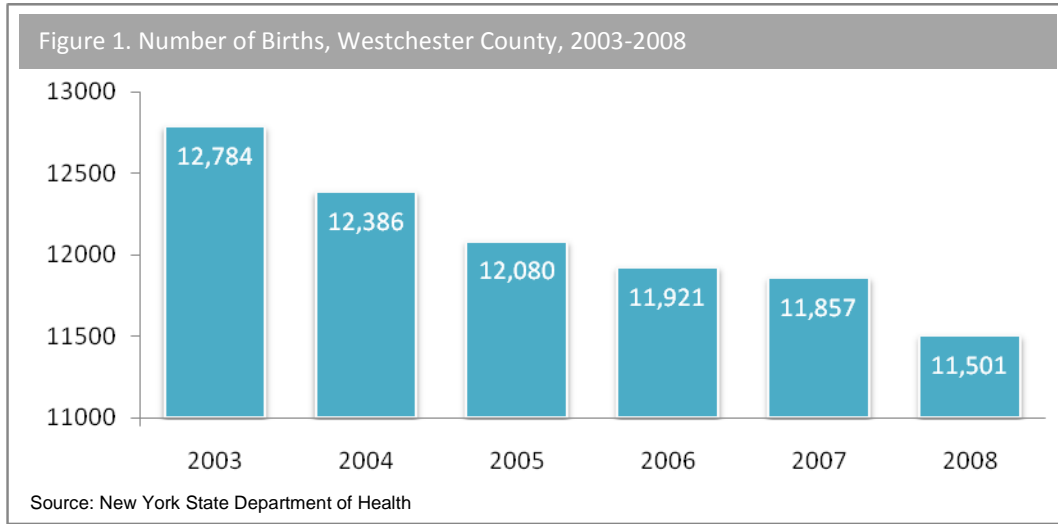
HIGHLIGHTS

- 11,501 infants were born to Westchester County residents in 2008, a 10% decline from 2003.
- 75.3% of Westchester mothers gave birth within the county.
- 57.2% of the infants were born to white women, about 15% were born to black women, and 28% were born to women of other races. About one-third were born to Hispanic women.
- 42.4% of the infants were born to immigrant mothers (women of foreign national origin).
- The average maternal age was 31.1 years. The average maternal age for white mothers was 32.4 years, 28.4 for black mothers, and 28.6 for Hispanics.
- Approximately 9% of infants were born with low birthweight and 11% were born prematurely.
- Approximately 1 in 4 infants were born to mothers who did not seek or delayed prenatal care until the second trimester. The percent of mothers who delayed or did not seek prenatal care was higher among younger mothers, blacks and Hispanics, and women with less formal years of education.
- Approximately 33% of pregnant women had Medicaid or Family Health Plus as their primary insurance coverage at the time of delivery.
- 40% of infants were delivered by Cesarean section.
- Approximately 1 in 4 pregnancies ended by induced abortion.
- There were 6,838 deaths registered in Westchester County in 2008.
- The average age of death was 78.4 years for whites, 69.1 years for blacks, and 62.5 years for Hispanics.
- The overall infant mortality rate was 5.1 deaths per 1,000 live births, 4.9 per 1,000 live births for whites and 10.1 per 1,000 live births for blacks.
- The three leading causes of death were diseases of the circulatory system (38.6%), neoplasms (25.5%), and diseases of the respiratory system (9.5%).

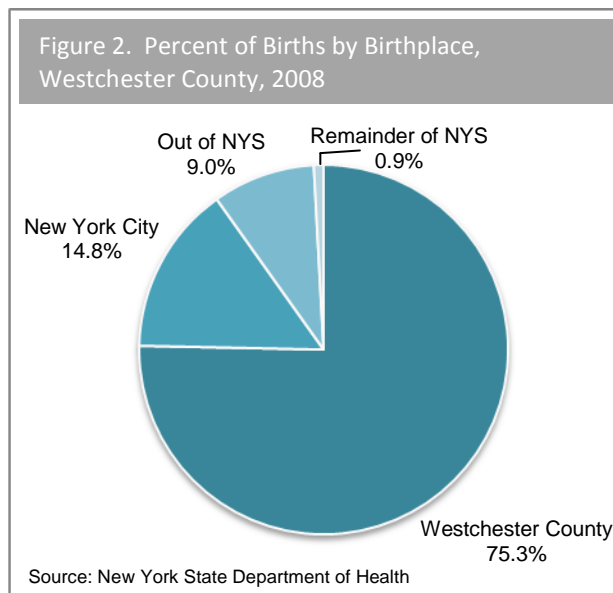
BIRTHS AND PREGNANCIES

Number of Births and Birth Rates

- A total of 11,501 infants were born to Westchester County residents in 2008, with a birth rate of 12.5 live births per 1,000 people.
- The number of births has been declining since 2003, from a peak of 12,784 births (Figure 1).

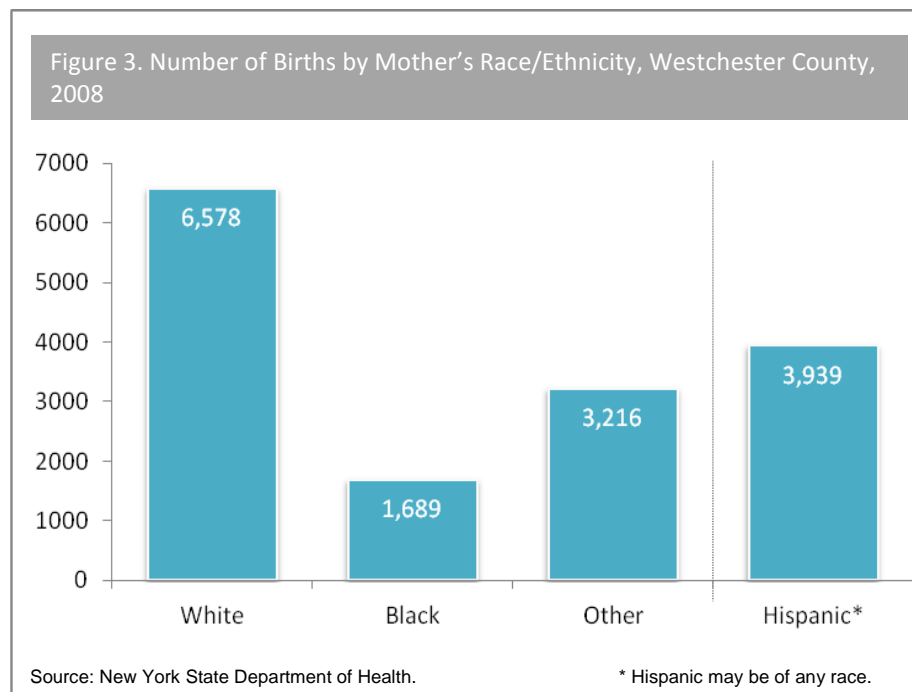


- Among the infants born in 2008, the majority was born within the county (75.3%); about 15% were born in New York City (NYC), and about 10% were born in other counties of New York State or outside of New York State (Figure 2).

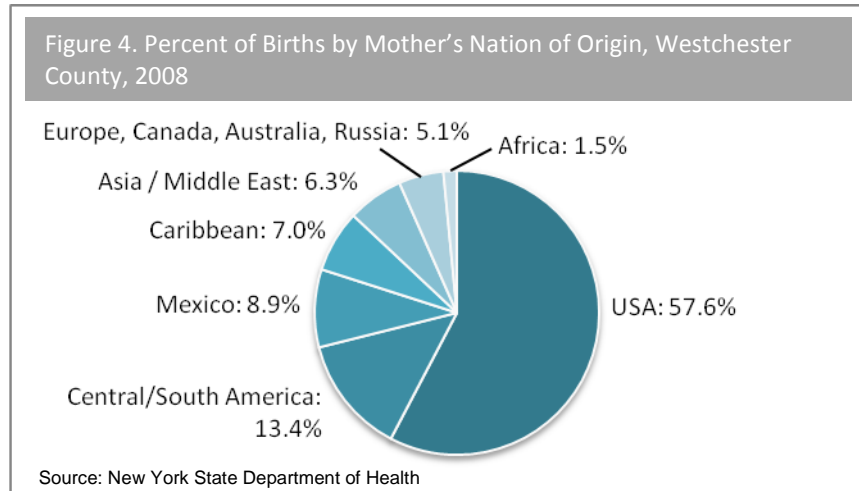


Demographics

- There were 5,883 male infants and 5,618 female infants born in 2008.
- The top ten most common names for boys were Christopher, Michael, Matthew, Anthony, Joseph, Alexander, Nicholas, John, Daniel, and Jayden. The top ten most common names for girls were Isabella, Ava, Sophia/Sofia, Emily, Madison, Brianna, Ashley, Mia, Abigail and Samantha.
- 4,827 of the infants were first-born (42.0%), 3,879 were the second child (33.7%), and 2,792 were third or higher order births (24.3%).
- There were 10,895 singleton births (94.7%); 596 infants were born as twins (5.2%) and 10 infants (0.1%) were born in multiple births.
- 6,578 infants were born to white women (57.2%); 1,689 were born to black women (14.7%); 3,216 (28.0%) were born to women of Asian, Pacific Islander, or mixed race. Hispanics represent 15.6% of the county population; however, 34.2% of infants were born to Hispanic mothers (Figure 3).

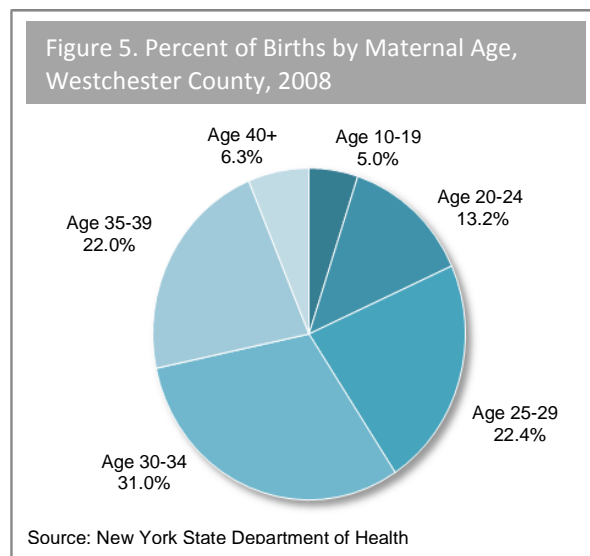


- Over 40% (42.4%) of the infants born in 2008 had mothers of foreign national origin. About one-eighth (13.4%) were born to mothers who came from Central or South America; 8.9% were born to women from Mexico; 7.0% were born to women of the Caribbean nations; 6.3% were born to women from Asia or the Middle East; 5.1% were born to women from Canada, Australia, or the European countries; and 1.5% were born to women from African countries (Figure 4).



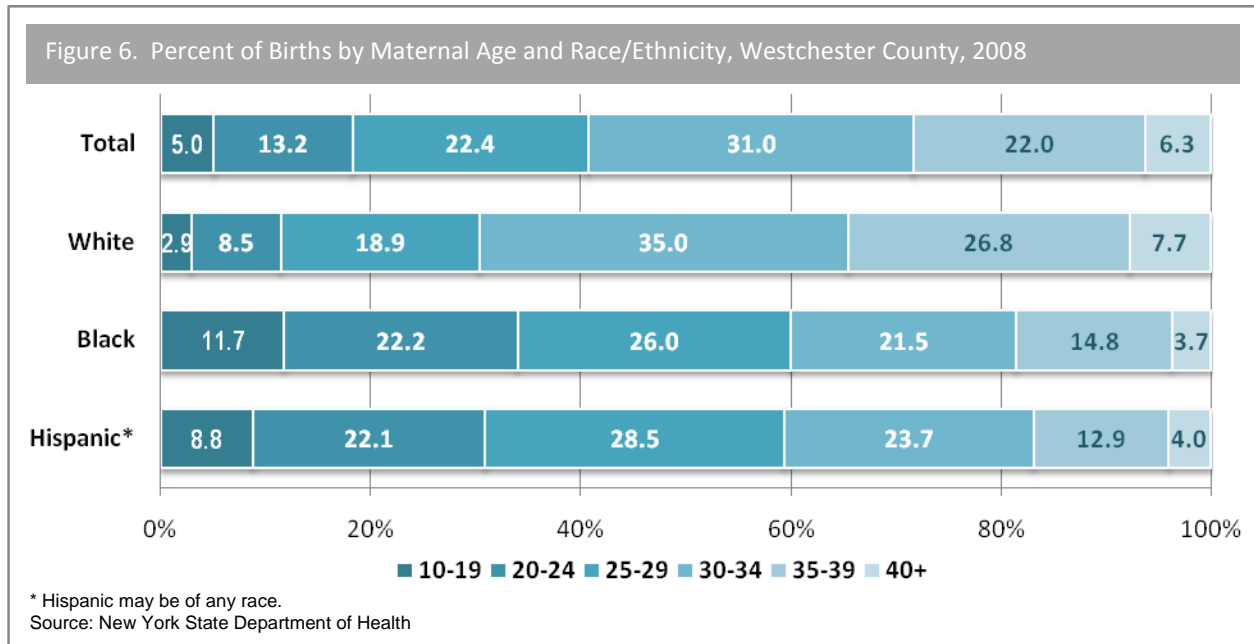
Maternal Age

- Most children (75.4%) were born to women between 25 and 39 years of age. 22.4% were born to women of ages 25-29, 31.0% were born to women of ages 30-34, and 22.0% were born to women ages 35-39. Less than 15% were born to women ages 20-24. Only 5% were born to mothers under 20 years of age, and 6.3% were born to mothers of 40 years or older (Figure 5).

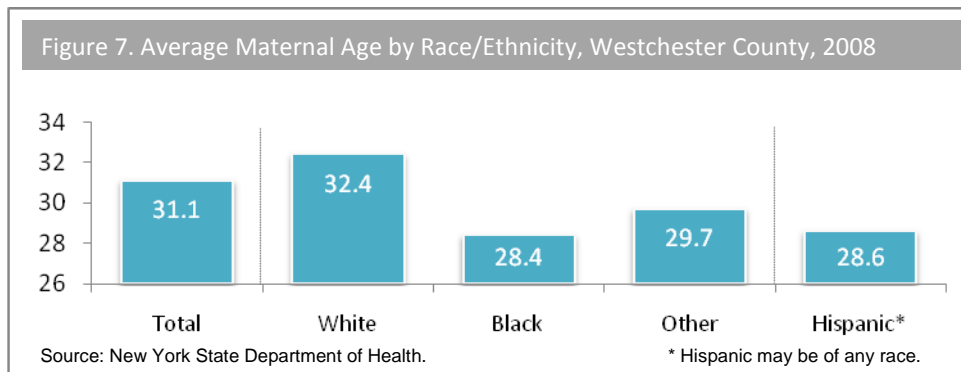


- Among children born to white women in 2008, 8.5% were born to women aged 20-24; 18.9% were born to women aged 25-29; 35.0% were born to women aged 30-34; 26.8% were born to women aged

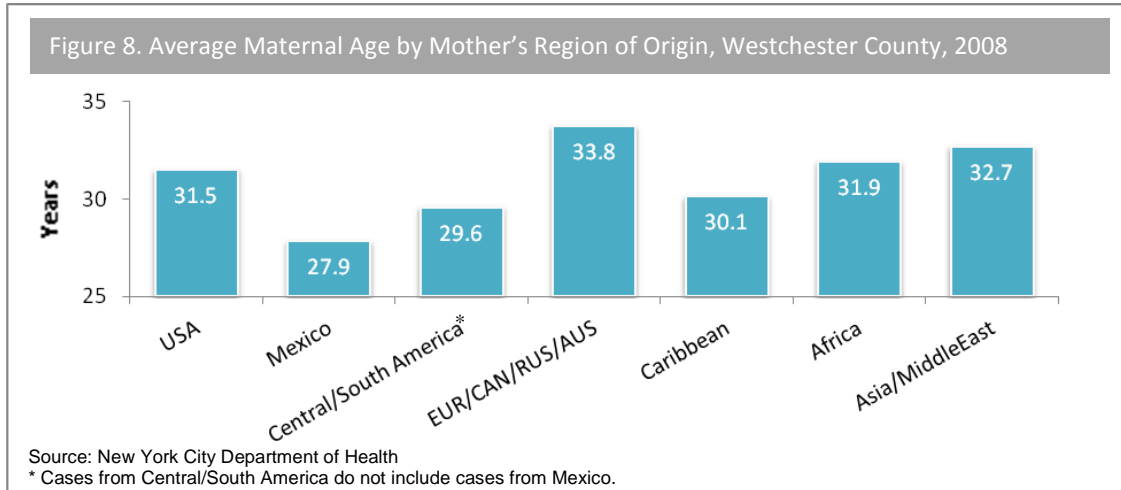
35-39; and 7.7% were born to women aged 40 and over. Just under three percent (2.9%) were born to women under the age of 20 (Figure 6).



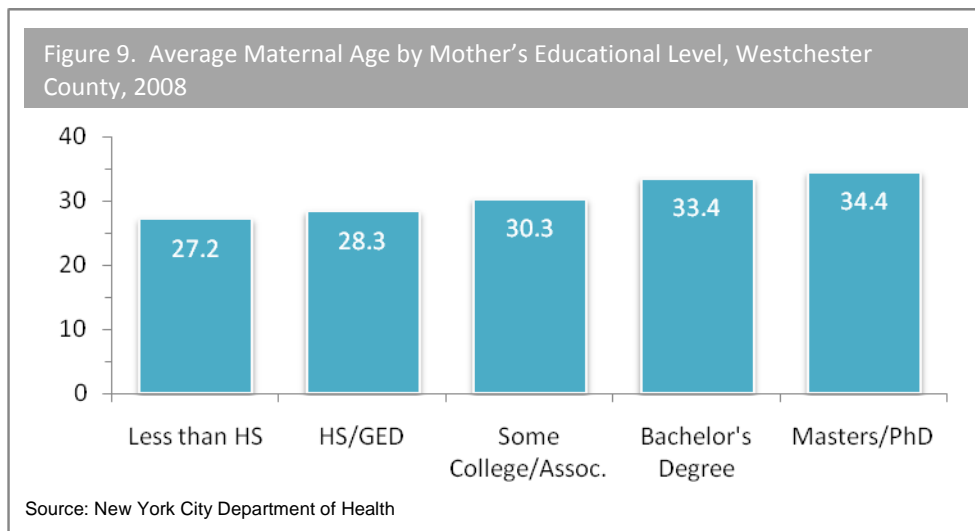
- Among children born to black women in 2008, 22.2% were born to women aged 20-24; 26.0% were born to women aged 25-29; 21.5% were born to women aged 30-34; and 14.8% were born to women aged 35-39. Less than four percent were born to women aged 40 and over; 11.7% of children were born to women younger than 20.
- Among children born to Hispanic women in 2008, 22.1% were born to women aged 20-24; 28.5% were born to women aged 25-29; 23.7% were born to mothers aged 30-34; and 12.9% were born to women aged 35-39. Four percent were born to women aged 40 and over; 8.8% of children were born to women younger than 20.
- The average maternal age at birth was 31.1 years. The average maternal age was higher among infants born to white women (32.4 years) than those born to black women (28.4 years) or Hispanic women (28.6 years) (Figure 7).



- Average maternal age for U.S.-born women was 31.5 years. Average maternal ages were highest among women of European, Canadian, Russian, or Australian national origin (33.7 years), and women from Asian or Middle Eastern nations (32.7). The lowest maternal ages were for Mexican and Central or South American women (27.9 years and 29.6 years, respectively) (Figure 8).

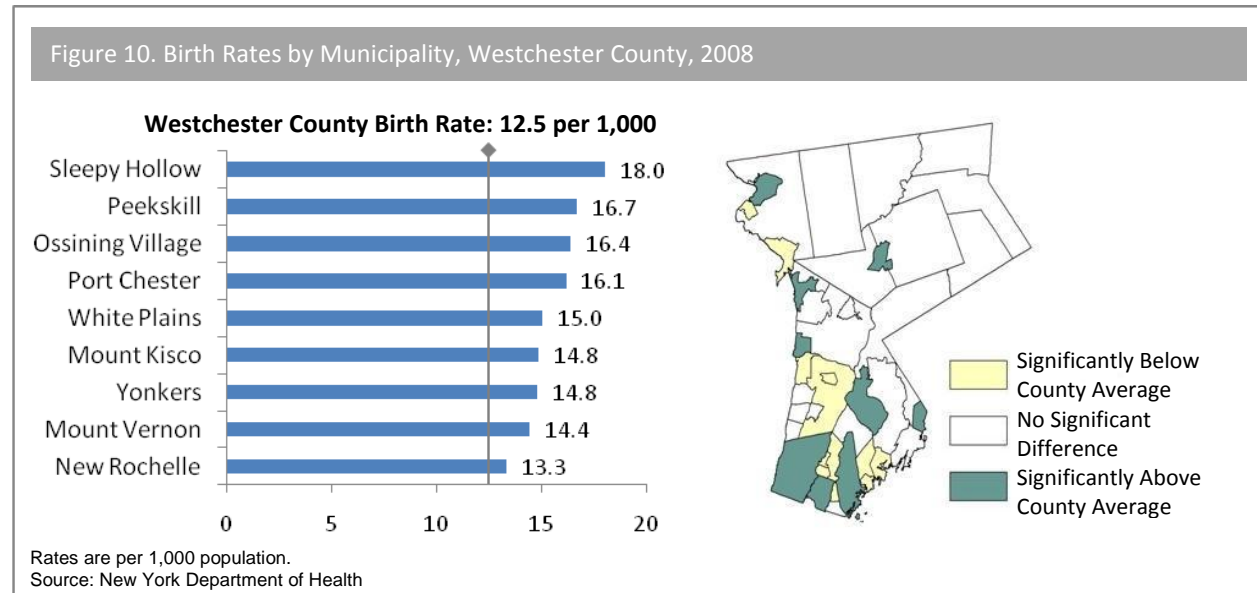


- Average maternal ages increased with educational level. Women with less than a high school education had the lowest average maternal age (27.2 years). Women with a college education or an advanced degree were more likely to give birth after age 30 (Figure 9).



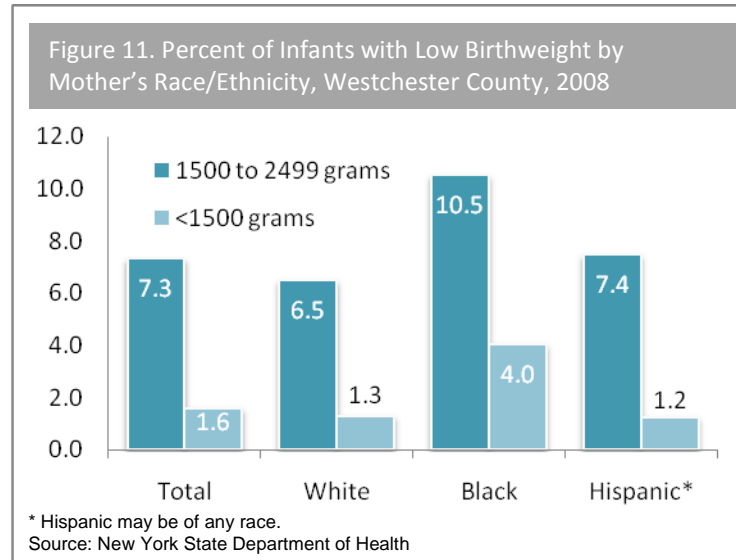
Residential Areas

- About 45% of the infants were born to women living in the Southwest and Southeast Health Planning Regions.
- Several municipalities had significantly higher birth rates than the county average. Yonkers, Mount Vernon, and White Plains were among the municipalities with the largest populations in Westchester County as well as having the highest birth rates in the county (Figure 10).

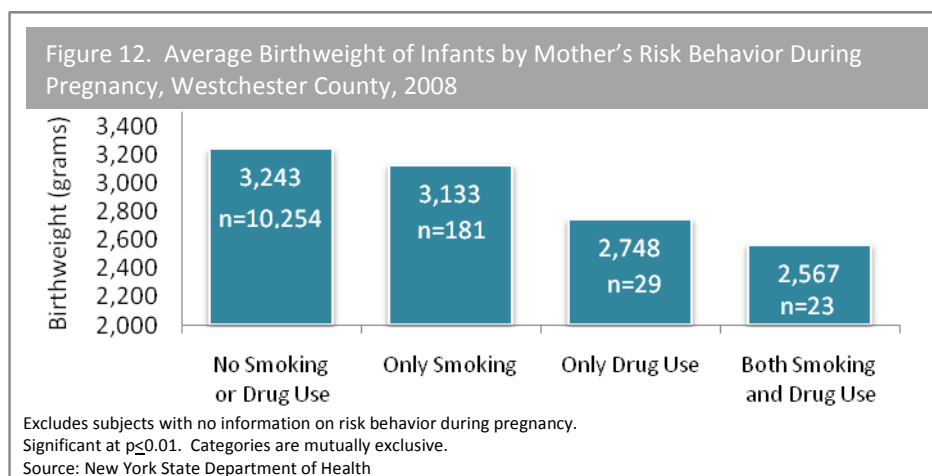


Birthweight

- 7.3% of infants were born with a birthweight between 1,500 to 2,499 grams (“low birth weight”), and 1.6% were born with a birthweight below 1,500 grams (“very low birth weight”) (Figure 11). The overall low birthweight rate was 8.9%.
- The proportion of infants born with low birthweight (<2,500 grams) varied by race and ethnicity. Blacks had the highest proportion of low birthweight babies (14.5%). Hispanics had a slightly higher proportion of infants with low birthweight than whites (8.6% and 7.8%, respectively).



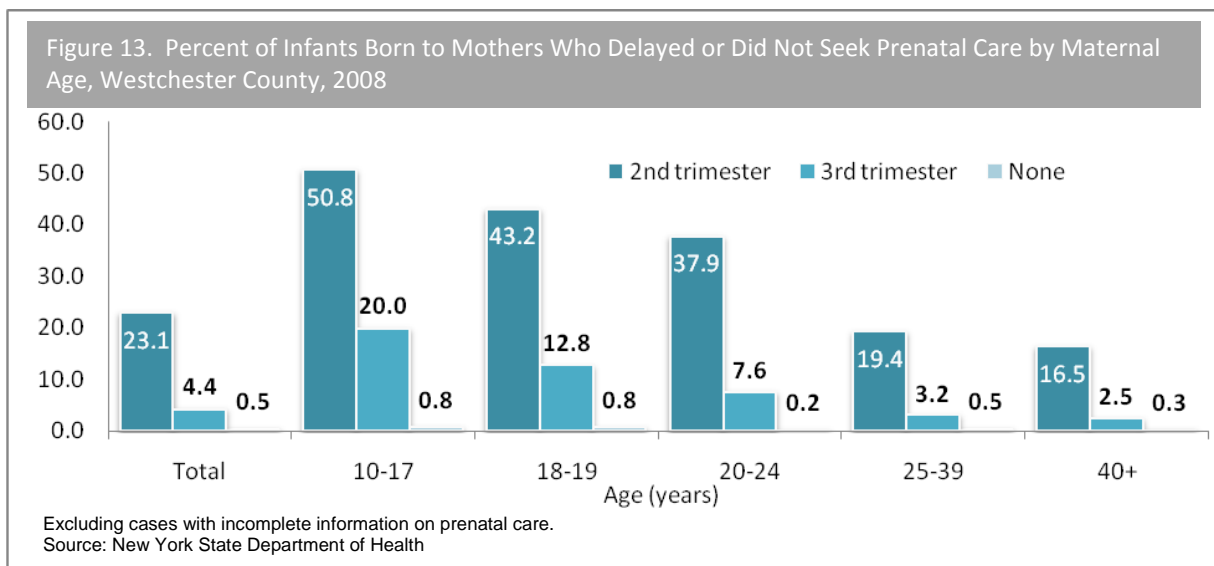
- Infant birthweight was associated with maternal behavior during the pregnancy (Figure 12). The average birthweight for infants born to women who did not smoke or use illicit drugs during pregnancy was 3,243 grams. The average birthweight among infants born to women who smoked during pregnancy was an average of 3,133 grams, a significantly lower difference.



- Among infants born to mothers who reported using illicit drugs without smoking, the average birthweight was 2,748 grams. Among infants born to mothers who both smoked and used illicit drugs, the average birthweight was 2,567 grams; both were significantly lower compared to average birthweight for infants born to women who did not smoke or use illicit drugs during pregnancy.

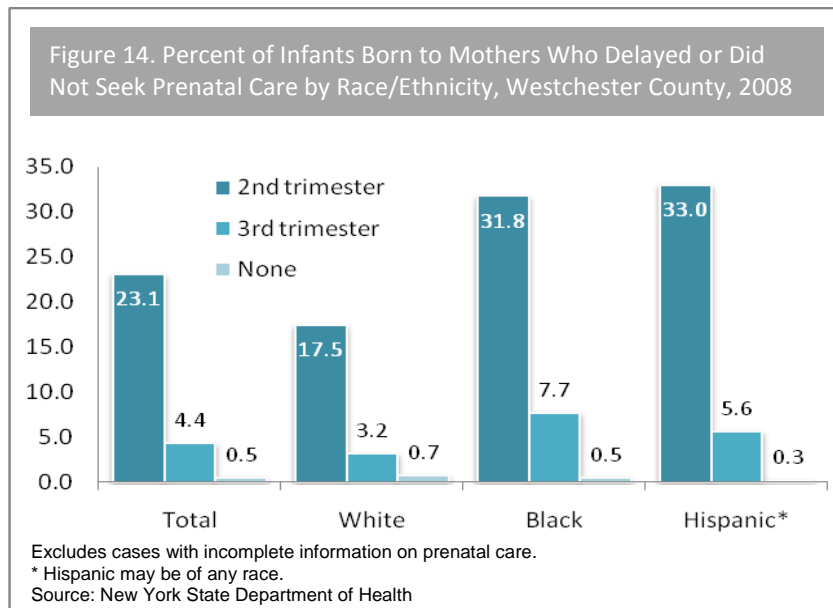
Prenatal Care

- Among infants born in 2008, over one-quarter (27.9%) were born to women who delayed or sought no prenatal care (excluding cases with incomplete prenatal care information). More than one-fifth (23.1%) of infants were born to mothers who started their prenatal care during the second trimester, 4.4% were born to mothers who started prenatal care during the third trimester, and 0.5% were born to mothers who did not seek prenatal care at all (Figure 13).

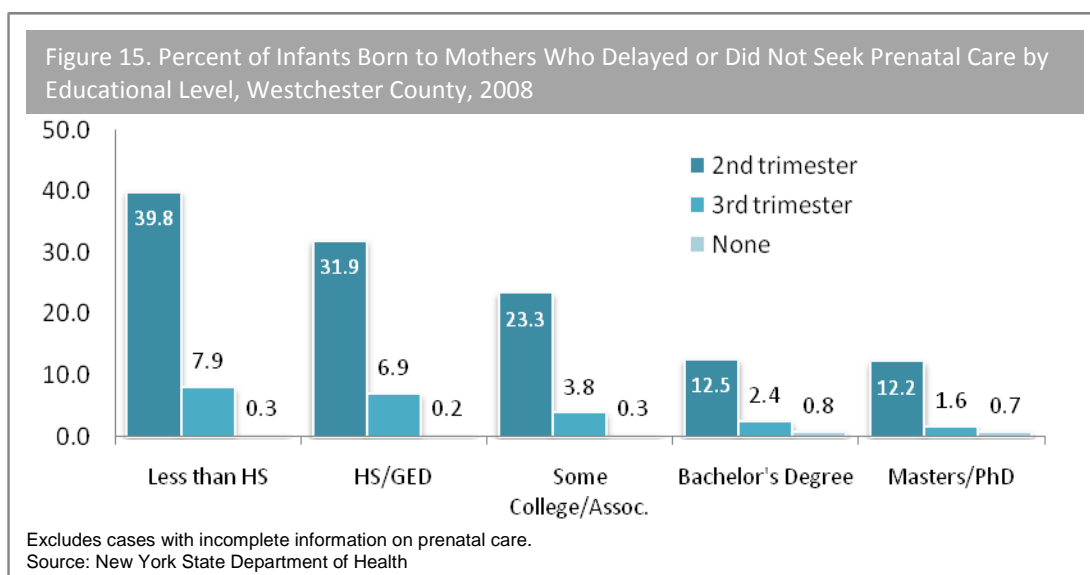


- Young women were more likely to delay or not seek prenatal care. For example, among the infants born to mothers aged 10-17 years of age, over two-thirds (71.7%) were born to mothers who did not have or delayed prenatal care. Among those born to mothers 18-19 years of age, 56.8% were born to mothers who did not have or delayed prenatal care. In comparison, the percentage of infants born to mothers aged 25-39 who did not seek or delayed prenatal care was 23.1%.

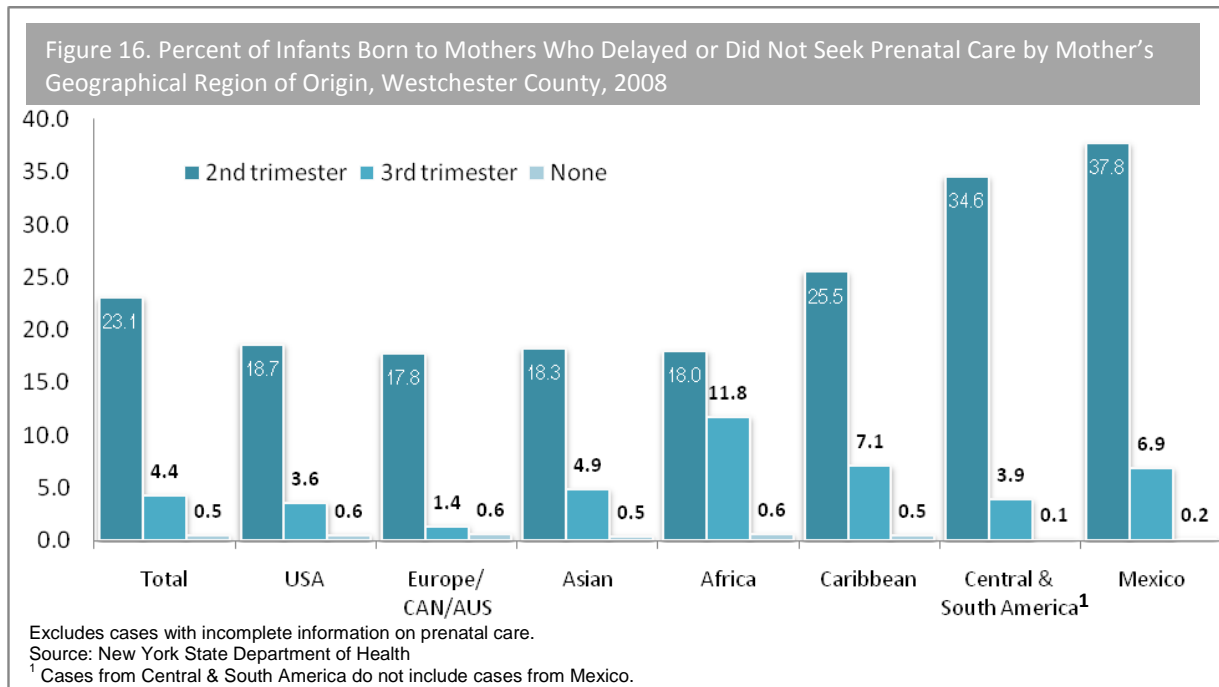
- Black women were more likely to delay or have no prenatal care compared to white women. 21.4% of infants born to white women had delayed or no prenatal care, compared to 40.0% of infants born to black mothers (Figure 14). Women of Hispanic ethnicity were also more likely to delay or have no prenatal care compared to white women. Among infants born to Hispanic mothers, 33.0% were born to mothers who did not seek prenatal care until the second trimester, 5.6% were born to mothers who did not seek care until the third trimester, and 0.3% were born to mothers without prenatal care (Figure 14).



- As level of education increased, the overall percentage of mothers who delayed or did not seek prenatal care decreased (Figure 15). Among infants born to women with less than a high school education, almost half (47.7%) were born to mothers who sought prenatal care in the second or third trimester. This percentage decreased to 13.8% among those born to women with an advanced degree beyond college.

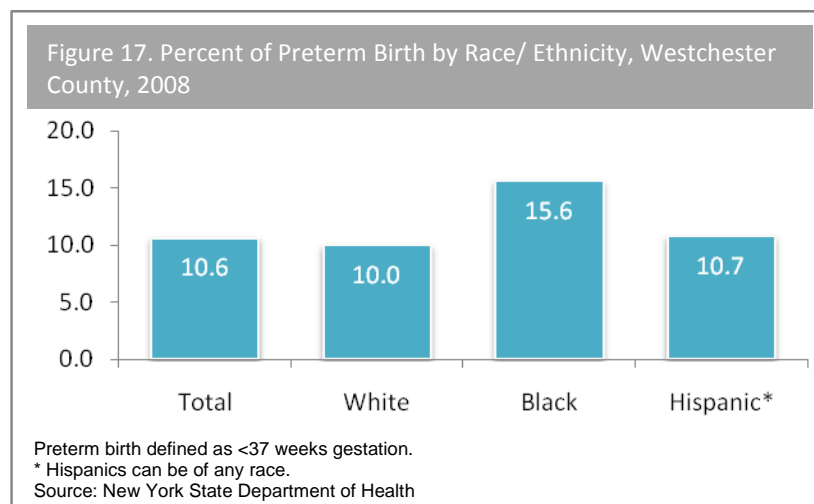


- Patterns of prenatal care varied by mother’s geographical region of origin. Women of European, Canadian, or Australian origin were less likely to delay or have no prenatal care (19.8%). Women from Central and South America and Mexico were more likely to have delayed or no prenatal care compared to those from other regions (38.7% and 44.9%, respectively) (Figure 16).



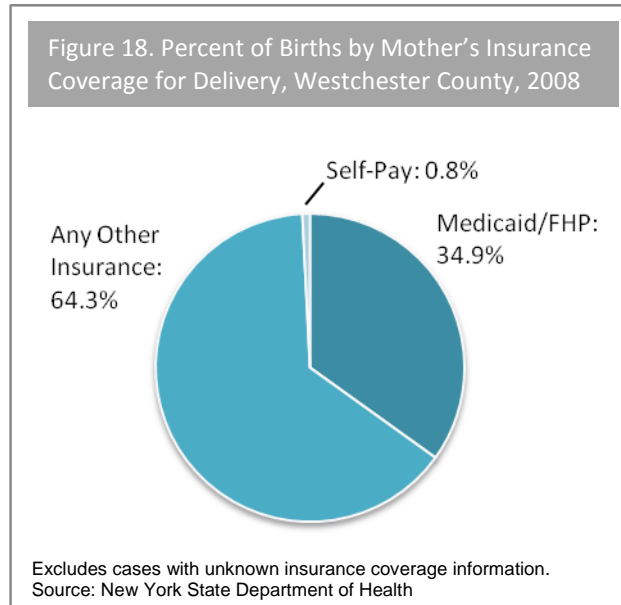
Gestational Age

- 1,221 infants (10.6%) were born preterm, with less than 37 weeks of gestation. About one-tenth of births among white and Hispanic women were preterm births (10.0% and 10.7%, respectively), whereas black women had the highest percentage of preterm births (15.6%) (Figure 17).

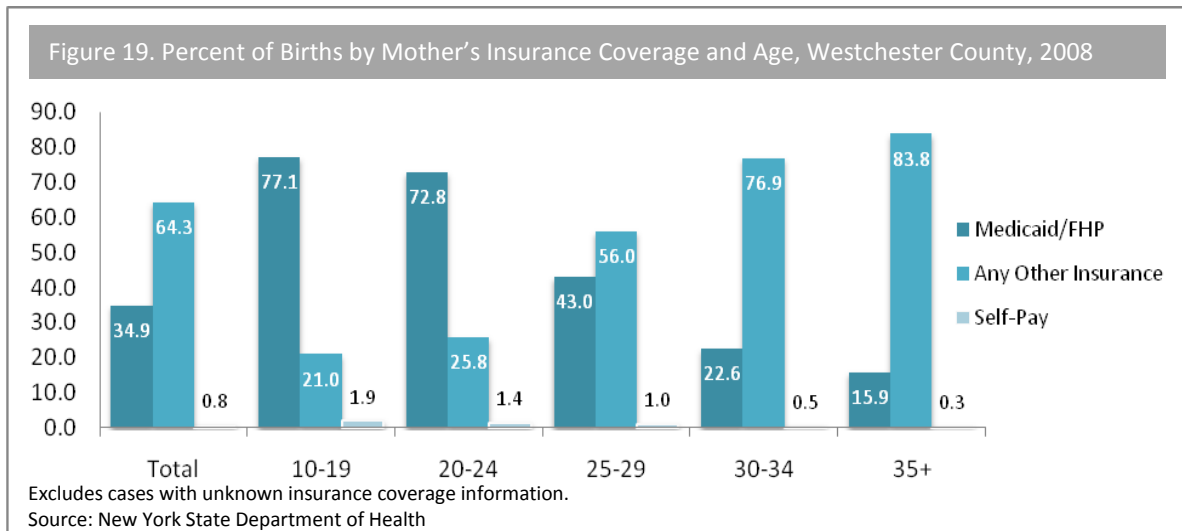


Insurance Coverage

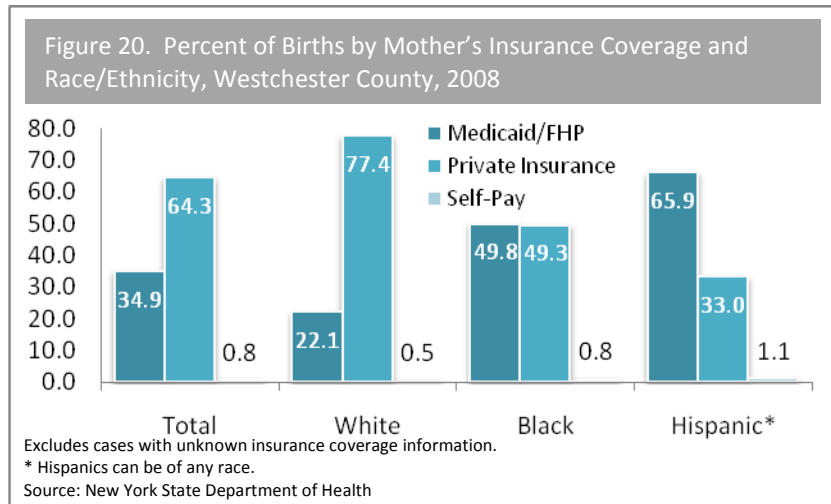
- Among births in 2008, about one-third (34.9%) were born to women with Medicaid as their primary insurer. 64.3% were born to women who had either private insurance or some other form of financial coverage. Very few women (0.8%) paid for delivery out-of-pocket (i.e., self-pay) (Figure 18).



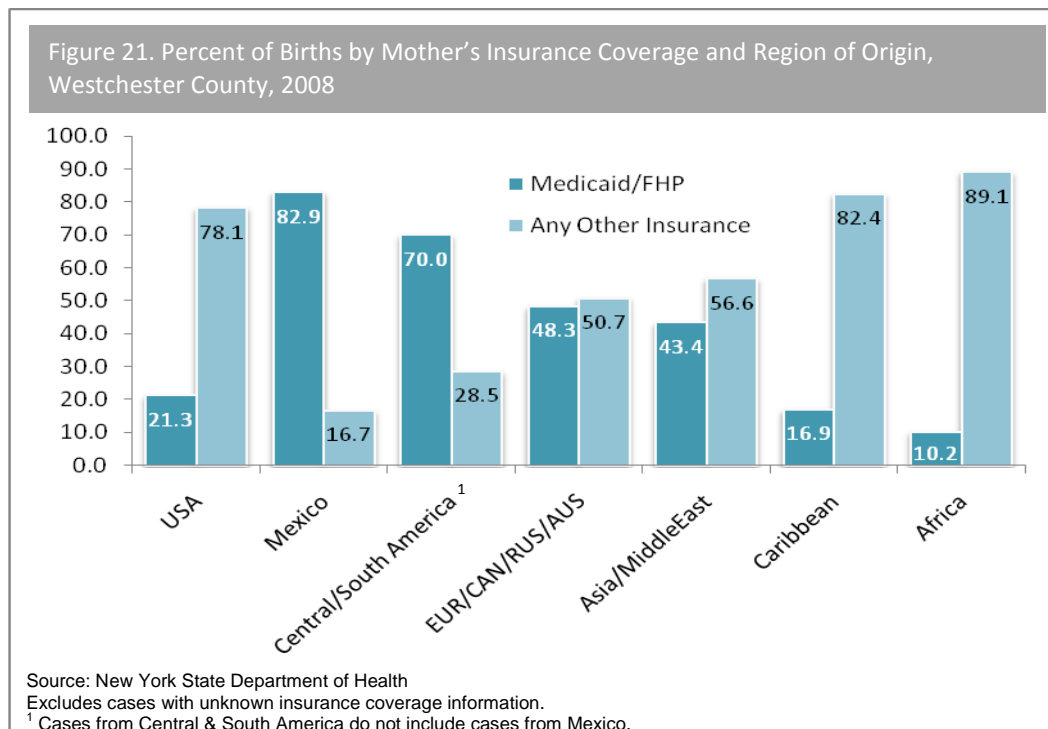
- Young women were more likely to have Medicaid/Family Health Plus for insurance coverage of childbirth (Figure 19). While over 70% of infants born to women under the age of 25 were covered by Medicaid or Family Health Plus, 43% of those born to women aged 25-29 had Medicaid/Family Health Plus. Among infants born to women aged 30-34 and ages 35 and over, only 23% and 16%, respectively, were covered by Medicaid / Family Health Plus.



- Insurance coverage for childbirth varied by race/ethnicity. Less than one-quarter (22.1%) of white women had Medicaid or Family Health Plus, compared to 49.8% of black women and 66% of Hispanic women (Figure 20).

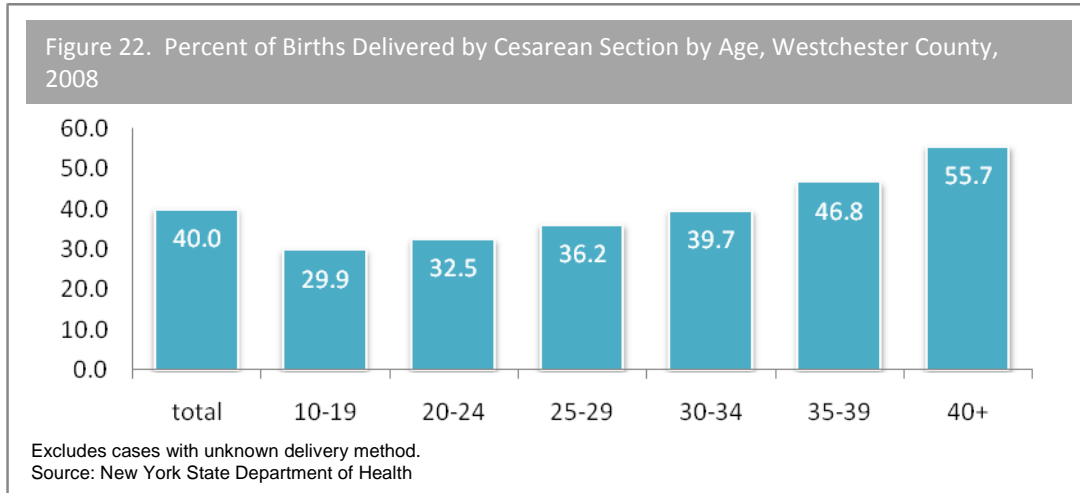


- Insurance coverage for childbirth varied by mother's region of origin. About one out of five women born in the United States had Medicaid or Family Health Plus for insurance coverage for childbirth, compared to about five out of every six women born in Mexico. More than two-thirds of women from Central or South America were covered by Medicaid/Family Health Plus; as compared to approximately half of women from either Europe, Canada, Russia, or Australia, or Asia and the Middle East (48.3% and 43.4%, respectively). Women from either the Caribbean or Africa were less likely to have Medicaid/Family Health Plus (16.9% and 10.2%, respectively) (Figure 21).

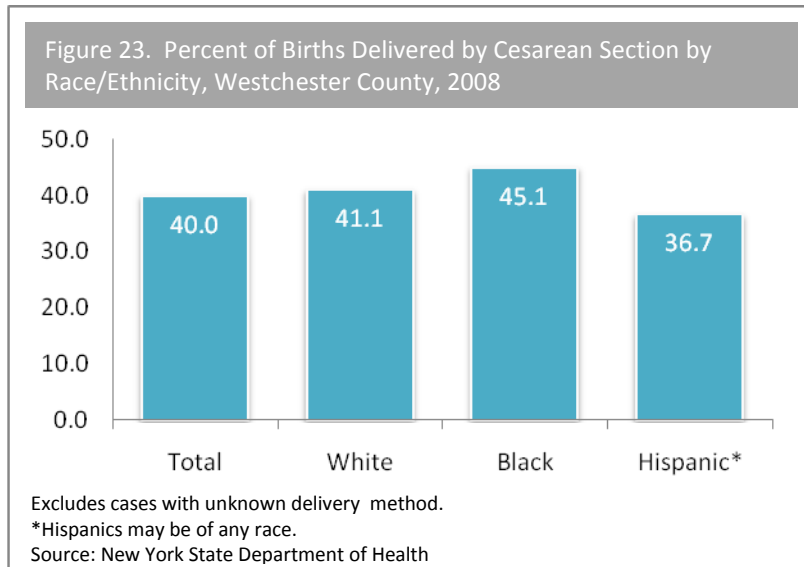


Delivery Method

- 40.0% of all births were delivered by cesarean section (Figure 22), including 26.1% which were primary cesarean deliveries and 14.0% were repeat cesarean sections.

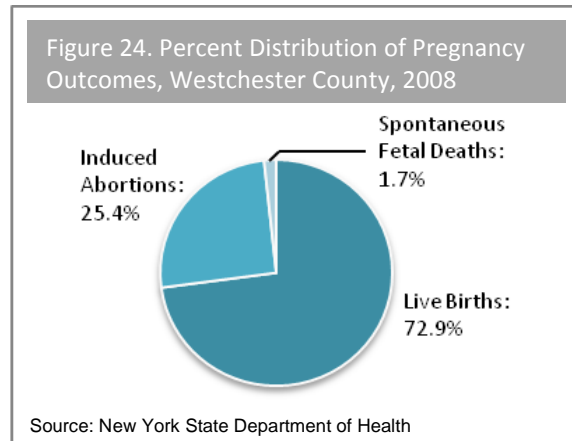


- The percentage of births delivered by cesarean section increased by maternal age (Figure 22). 29.9% of young mothers under 20 years of age delivered by cesarean section, compared to 55.7% of women aged 40 and over.
- The percent of births delivered by cesarean section varied slightly by race and ethnicity. 45.1% of black women had births by cesarean section, compared to 41.1% of white women and 36.7% of Hispanic women (Figure 23).

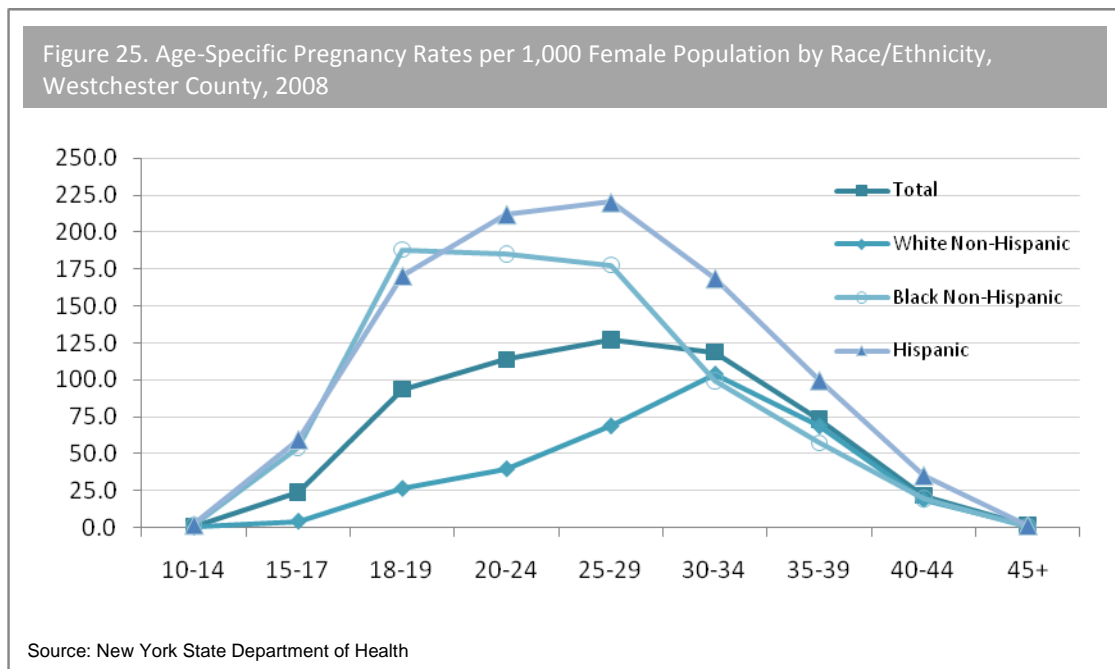


Pregnancies

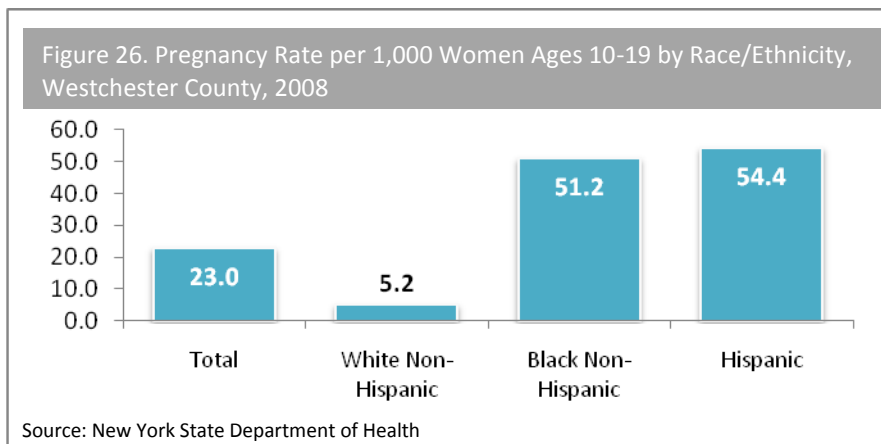
- There were 15,778 pregnancies reported in Westchester County in 2008. 11,501 (72.9%) resulted in live births; 266 (1.7%) resulted in spontaneous fetal deaths, and 4,011 (25.4%) were terminated by induced abortions (Figure 24).



- The pregnancy rate for women varied by age and race/ethnicity. The pregnancy rate for Hispanic women was highest for ages 25-29, reaching 220.4 per 1,000, while the pregnancy rate for Black non-Hispanic women was highest for ages 18-19, at 188.1 per 1,000. The pregnancy rate for White non-Hispanic women was 103.6 per 1,000 for ages 30-34 (Figure 25).

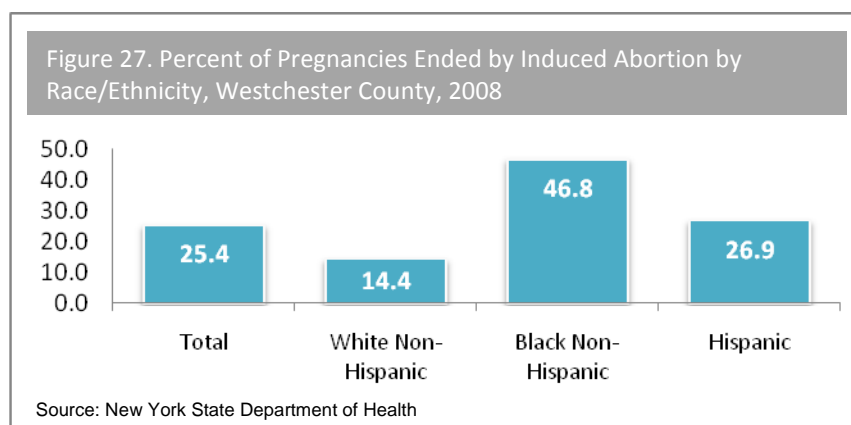


- The pregnancy rate for women between the ages of 10-19 was 23.0 per 1,000. Comparing race and ethnicity among pregnant women 10 to 19 years old, the pregnancy rate was 5.2 per 1,000 women among white non-Hispanics; 54.4 per 1,000 among Hispanic women; and 51.2 per 1,000 among black non-Hispanics (Figure 26).

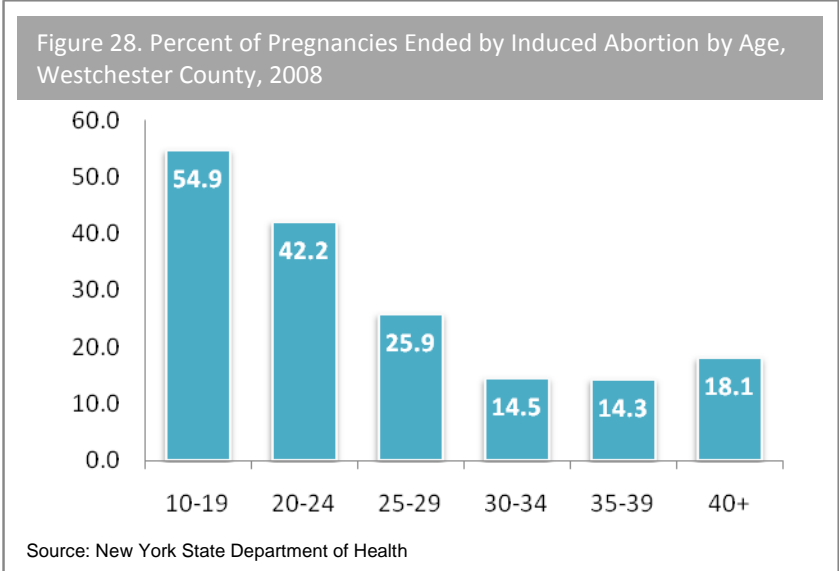


Abortions

- 4,011 induced abortions were recorded in Westchester County in 2008. The induced abortion rate was 13.7 per 1,000 women.
- The percent of pregnancies ending in induced abortions varied by race and ethnicity. About one of every four pregnancies in Westchester County resulted in induced abortion in 2008. Induced abortions occurred in 46.8% of pregnancies among black non-Hispanic women, 14.4% among white non-Hispanic women, and 26.9% among Hispanic women (Figure 27).



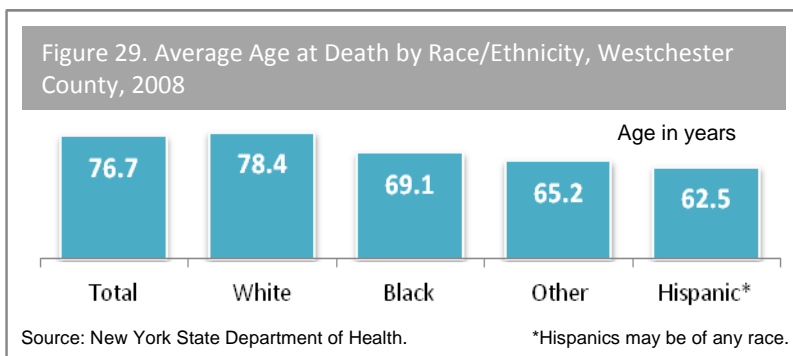
- The percent of pregnancies ending in induced abortions also varied by maternal age. Over half of pregnancies to women ages 19 and under were ended by induced abortion. 42.2% of pregnancies were ended by induced abortion among women of ages 20 to 24. Induced abortions occurred in about a quarter of women between 25 and 29 years of age, about 14% among women between 30 and 39 years of age, and increased to about 20% among women 40 years and older (Figure 28).



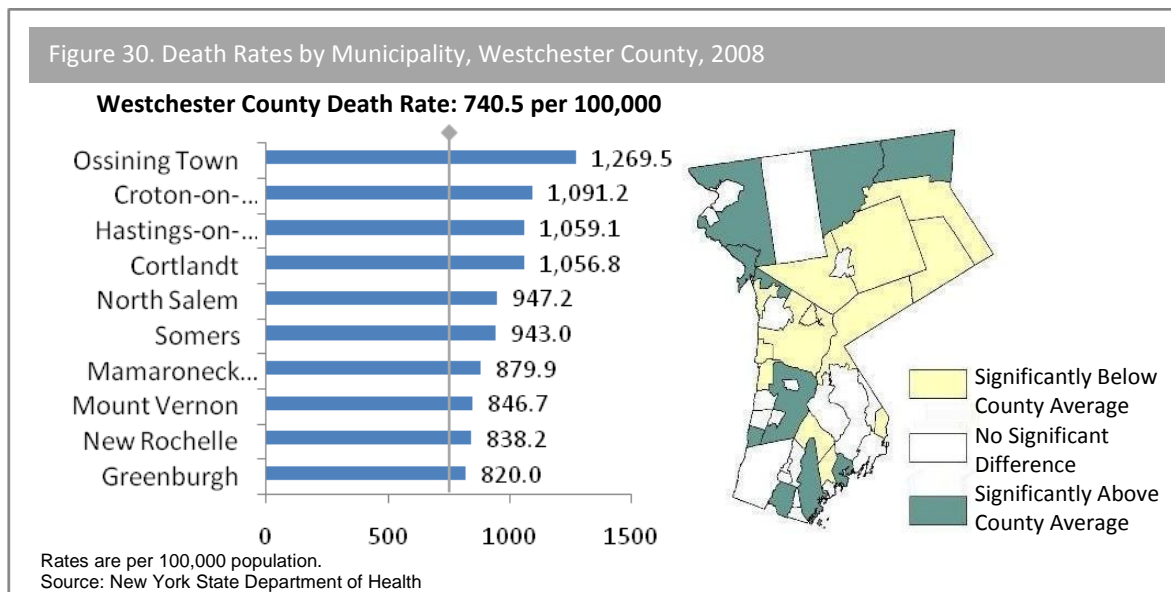
DEATHS

Number of Deaths and Death Rates

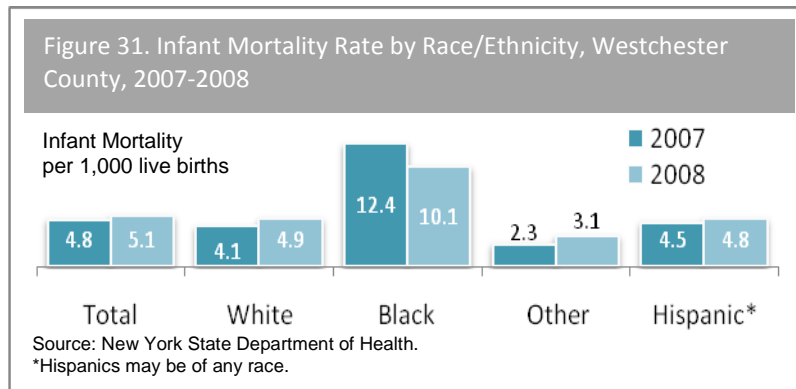
- There were 6,838 deaths registered in Westchester County in 2008, 3,642 females and 3,196 males. The death rate was 740.5 per 100,000.
- The average age at death for females was 79.9 compared to 73.1 for males.
- The death rate was 865.1 per 100,000 for whites, 633.7 for blacks, and 263.0 for Hispanics.
- The average age at death was 78.4 for whites, 69.1 for blacks and 62.5 for Hispanics (Figure 29).



- Compared to the county average, the death rates were significantly higher in Ossining Town, Croton-on-Hudson, Hastings-on-Hudson, Cortlandt, North Salem, Somers, Mamaroneck Village, Mount Vernon, New Rochelle, and Greenburgh (Figure 30).

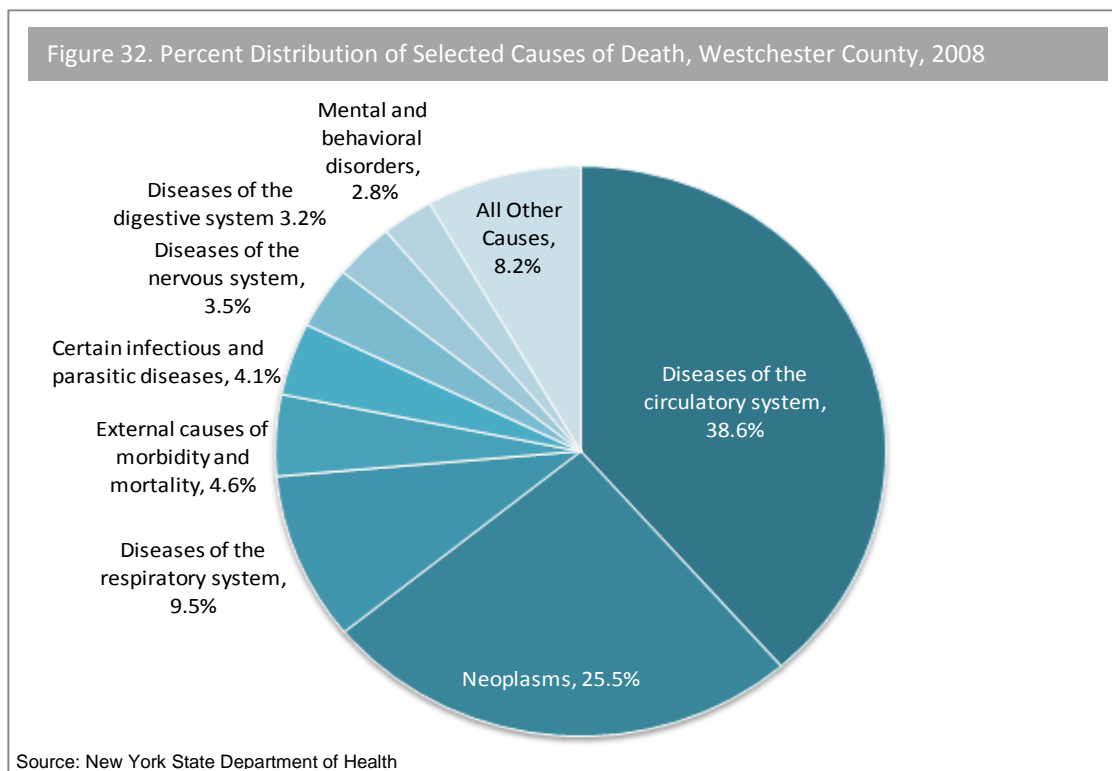


- The infant mortality rate was 5.1 deaths per 1,000 live births in 2008 compared to 4.8 per 1,000 live births in 2007 (Figure 31).
- The infant mortality rate for white infants increased from 4.1 to 4.9 deaths per 1,000 live births, whereas the rate for black infants declined from 12.4 to 10.1. Neither change was statistically significant because the number of infant deaths was very small in Westchester County.

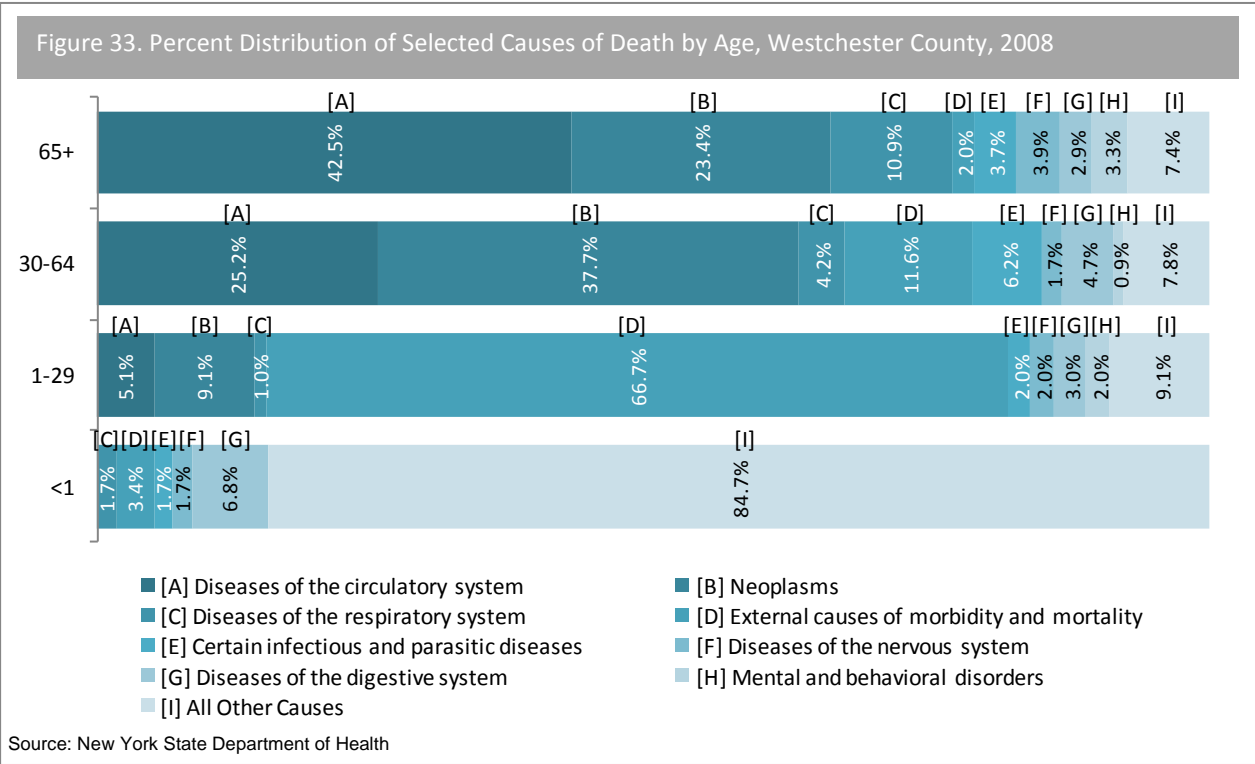


Major Causes of Death

- Almost 40% of total deaths were due to diseases of the circulatory system (38.6%). Over a quarter were due to neoplasms (25.5%), and almost 10% were due to diseases of the respiratory system (9.5%) (Figure 32).

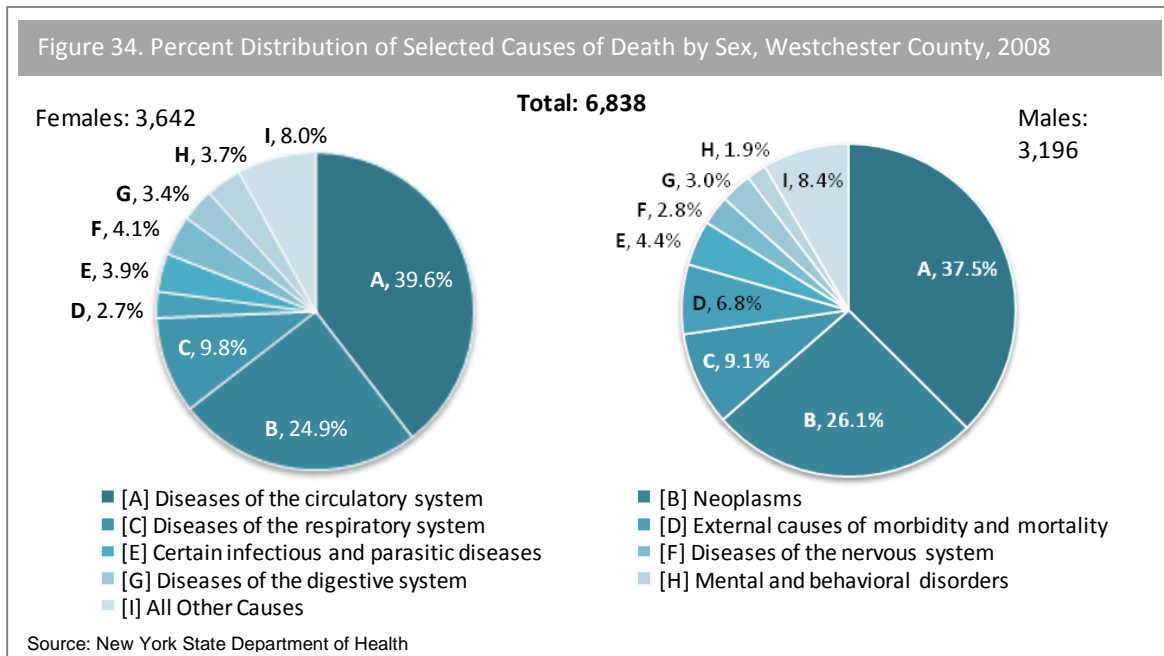


- 80% of deaths were among residents ages 65 and older. Diseases of the circulatory system and neoplasms were the most common causes of death in this age group (Figure 33).
- Residents 30-64 years of age accounted for 18% of deaths. The two major causes of death in this age group were neoplasms (37.7%) and diseases of the circulatory system (25.2%).
- Less than 2% of total deaths were among people under 30 years of age (excluding those under 1 year). Unintentional injuries accounted for the greatest number of deaths in this age group (34.3%), followed by homicide (18.2%) and suicide (12.1%).
- Death rate was the lowest for infants (4.9 per 1,000 live births) and represented less than one percent of total deaths. The two leading causes of death among infants were perinatal conditions (including birth trauma, infections and respiratory conditions) and congenital anomalies (16.9%).

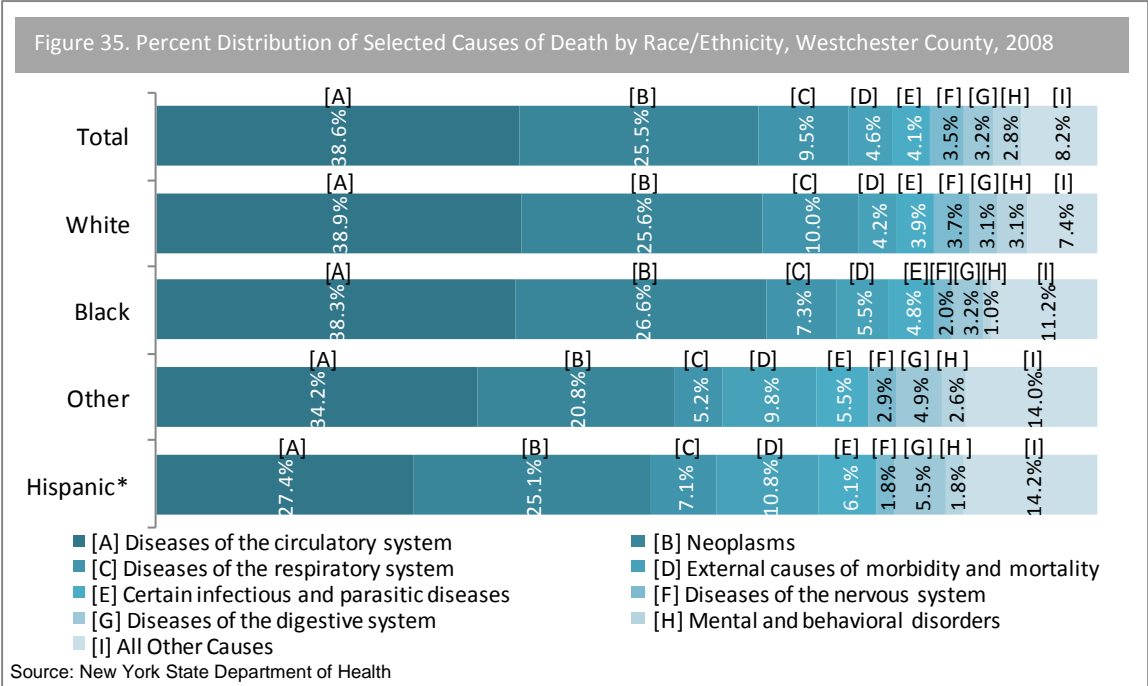


Leading Causes of Death by Gender, Race and Ethnicity

- In 2008, there were more deaths among women (3,642) than men (3,196) in Westchester County. The death rates were 756.0 and 723.5 per 100,000 for women and men respectively.
- Diseases of the circulatory system, neoplasms, and diseases of the respiratory system were the three leading causes of death among both women and men (Figure 34).
- Other causes of death for women included 4.1% from diseases of the nervous system (including Alzheimer’s and Parkinson’s disease), and 3.9% from certain infectious and parasitic diseases.
- Other causes of death for men included 6.8% from external causes of morbidity and mortality (including accidents, homicide, and suicide) and 4.4% from certain infectious and parasitic diseases.

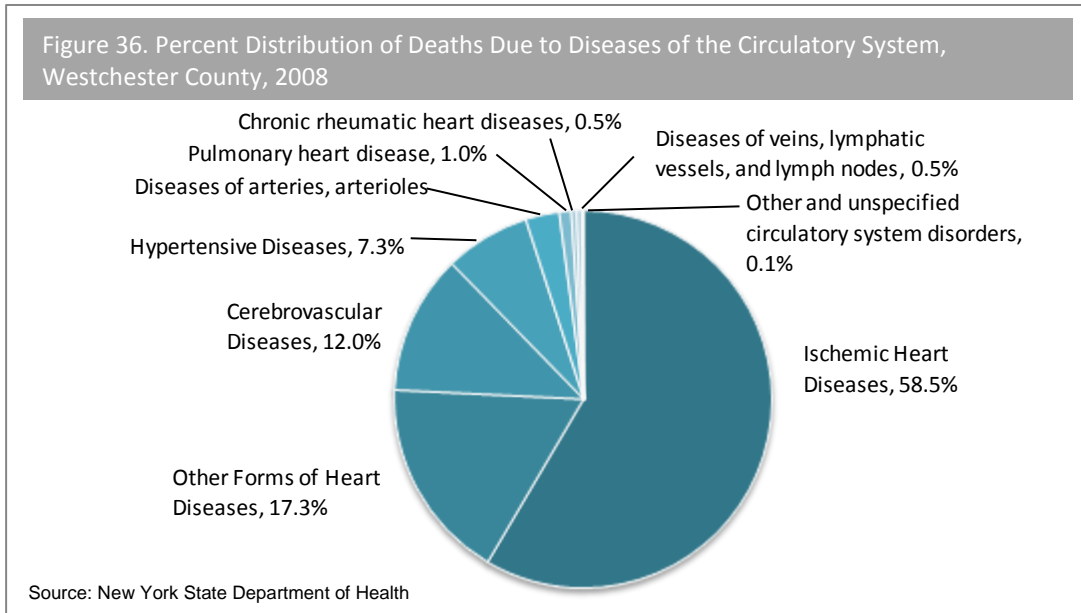


- Diseases of the circulatory system and neoplasms were the two leading causes of death across all racial and ethnic groups. Compared to the county average, the proportion of Hispanics who died of circulatory system diseases and neoplasms was smaller (Figure 35).
- Diseases of the respiratory system was the third leading cause of death among whites and blacks. The third leading cause of death among Hispanics was external causes of mortality (such as accidents, suicide, and homicide).



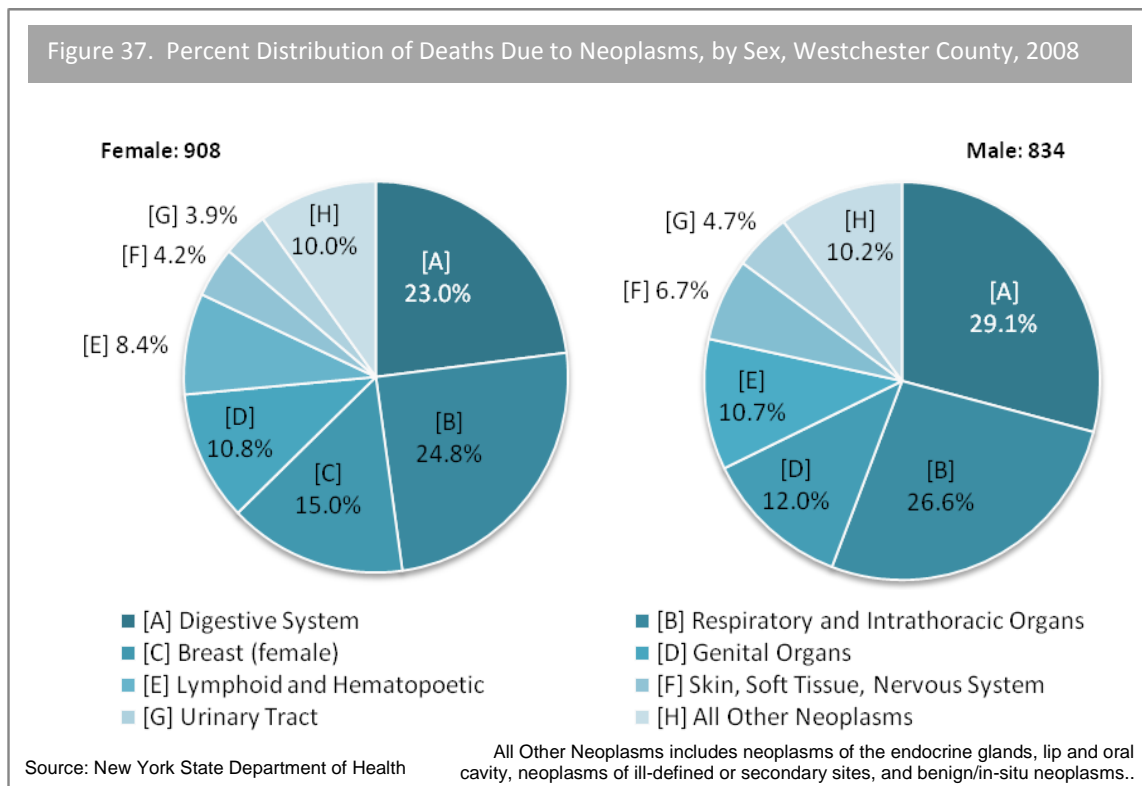
Diseases of the Circulatory System

- 38.6% (2,639) deaths in the county in 2008 were due to diseases of the circulatory system.
- Ischemic heart disease (including acute myocardial infarction) accounted for over half (58.5%) of those deaths, followed by other forms of heart disease - such as heart failure, cardiomyopathy, and cardiac arrest, among others - and cerebrovascular diseases (12.0%) (Figure 36).



Neoplasms

- Neoplasms were the second leading cause of death among Westchester county residents in 2008, responsible for 1,742 deaths (25.5%). Almost all of these deaths were caused by malignant neoplasms (97.5%).
- More women than men died of neoplasms (908 versus 834 deaths, respectively). The three leading causes of death by cancer for women were neoplasms of the respiratory and intrathoracic organs (25.5%) and neoplasms of the digestive organs (23.7%), and breast cancer (15.4%) (Figure 37).
- For men, the top three causes of death by cancer were neoplasms of the digestive organs (29.1%), neoplasms of the respiratory and intrathoracic organs (26.6%), and neoplasms of the genital organs (12.0%).



Tables

Table 1. Total Number of Births and Birth Rates by Municipality, Westchester County, 2008

Health Planning Region and Municipality	Number of Births	Birth Rates <i>(per 1,000 population)</i>
Westchester County	11,501	12.5
Northwest	1,684	12.0
Briarcliff Manor (V)	46	6.0
Buchanan (V)	28	12.8
Cortlandt (TOV)	274	9.6
Croton-on-Hudson (V)	90	11.8
Mount Pleasant (TOV)	204	7.8
Ossining (TOV)	43	7.8
Ossining (V)	393	16.4
Peekskill (C)	374	16.7
Pleasantville (V)	66	9.2
Sleepy Hollow (V)	166	18.0
Northeast	1,270	9.5
Bedford (T)	177	9.8
Lewisboro (T)	95	7.7
Mount Kisco (T/V)	148	14.8
New Castle (T)	176	10.1
North Castle (T)	107	9.9
North Salem (T)	44	8.5
Pound Ridge (T)	36	7.6
Somers (T)	137	7.5
Yorktown (T)	350	9.6
West Central	1,882	11.9
Ardsley (V)	35	8.2
Dobbs Ferry (V)	87	8.2
Elmsford (V)	52	11.1
Greenburgh (TOV)	562	13.4
Hastings-on-Hudson (V)	40	5.2
Irvington (V)	44	6.6
Scarsdale (T/V)	126	7.1
Tarrytown (V)	139	12.5
White Plains (C)	797	15.0
East Central	1,290	11.5
Harrison (T/V)	213	8.8
Larchmont (V)	70	10.8
Mamaroneck (TOV)	125	11.2
Mamaroneck (V)	209	11.1
Port Chester (V)	450	16.1
Rye (C)	156	10.4
Rye Brook (V)	67	7.8
Southwest	2,897	14.8
Yonkers (C)	2,897	14.8
Southeast	2,443	13.3
Bronxville (V)	84	12.8
Eastchester (TOV)	216	11.6
Mount Vernon (C)	987	14.4
New Rochelle (C)	961	13.3
Pelham (V)	73	11.4
Pelham Manor (V)	39	7.1
Tuckahoe (V)	83	13.4
Unknown	35	--

Source: New York State Department of Health.

Table 2. Average Maternal Age and Number of Births by Mother's Age and Municipality, Westchester County, 2008

Health Planning Region and Municipality	Average Maternal Age	Mother's Age								
		Total	10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Westchester County	31.1	11,501	136	444	1,522	2,579	3,561	2,531	662	63
Northwest	31.3	1,684	24	58	211	347	541	397	98	7
Briarcliff Manor (V)	34.0	46	0	0	0	5	22	17	2	0
Buchanan (V)	30.8	28	2	0	4	1	14	7	0	0
Cortlandt (TOV)	31.8	274	1	6	32	46	103	75	9	1
Croton-on-Hudson (V)	33.3	90	0	2	8	13	33	23	11	0
Mount Pleasant (TOV)	33.9	204	0	2	9	27	83	67	15	1
Ossining (TOV)	33.3	43	1	2	0	5	16	15	4	0
Ossining (V)	29.9	393	5	15	69	111	106	68	19	0
Peekskill (C)	29.4	374	12	23	60	99	105	58	15	2
Pleasantville (V)	35.3	66	0	1	2	3	23	26	9	2
Sleepy Hollow (V)	31.1	166	3	7	27	37	36	41	14	1
Northeast	33.6	1,270	5	17	65	204	445	429	94	11
Bedford (T)	32.7	177	1	1	15	32	64	53	11	0
Lewisboro (T)	33.8	95	1	0	3	13	41	31	6	0
Mount Kisco (T/V)	31.0	148	2	7	18	29	50	36	4	2
New Castle (T)	35.5	176	0	0	3	18	61	70	21	3
North Castle (T)	33.9	107	0	2	3	15	39	41	7	0
North Salem (T)	33.9	44	0	0	3	5	16	19	0	1
Pound Ridge (T)	34.6	36	0	1	1	5	7	18	4	0
Somers (T)	35.0	137	0	1	6	15	42	55	14	4
Yorktown (T)	33.2	350	1	5	13	72	125	106	27	1
West Central	31.8	1,882	18	50	197	388	633	452	132	12
Ardsley (V)	34.3	35	0	0	0	5	12	16	2	0
Dobbs Ferry (V)	33.3	87	0	1	6	11	34	31	2	2
Elmsford (V)	29.3	52	0	1	11	15	19	3	3	0
Greenburgh (TOV)	31.5	562	7	15	64	124	189	125	34	4
Hastings-on-Hudson (V)	35.7	40	0	0	1	5	8	20	6	0
Irvington (V)	34.8	44	0	0	0	8	16	14	3	3
Scarsdale (T/V)	35.6	126	0	0	0	11	39	64	12	0
Tarrytown (V)	32.8	139	0	0	12	31	50	31	13	2
White Plains (C)	30.9	797	11	33	103	178	266	148	57	1
East Central	31.8	1,290	9	33	147	266	427	306	92	9
Harrison (T/V)	32.6	213	0	4	13	56	63	58	19	0
Larchmont (V)	34.6	70	0	0	2	5	31	23	9	0
Mamaroneck (TOV)	34.5	125	0	1	2	11	52	48	9	2
Mamaroneck (V)	31.5	209	0	8	21	50	69	49	12	0
Port Chester (V)	29.0	450	7	20	102	124	116	62	17	1
Rye (C)	35.2	156	1	0	2	11	67	51	20	4
Rye Brook (V)	33.3	67	1	0	5	9	29	15	6	2
Southwest	29.4	2,897	60	167	519	805	777	437	117	15
Yonkers (C)	29.4	2,897	60	167	519	805	777	437	117	15
Southeast	30.5	2,443	20	119	378	558	732	502	125	8
Bronxville (V)	36.4	84	0	0	0	6	27	32	19	0
Eastchester (TOV)	34.2	216	0	1	5	26	85	79	19	1
Mount Vernon (C)	28.7	987	17	66	216	271	240	147	27	2
New Rochelle (C)	30.3	961	3	50	151	220	321	170	43	3
Pelham (V)	34.3	73	0	0	3	14	15	32	9	0
Pelham Manor (V)	35.4	39	0	0	0	4	15	15	3	2
Tuckahoe (V)	33.1	83	0	2	3	17	29	27	5	0
Unknown	32.1	35	0	0	5	11	6	8	4	1

Source: New York State Department of Health.

Table 3. Percentage of Infants with Low Birthweight, Less Than 37 Gestation Weeks, and Delayed or No Prenatal Care, by Municipality, Westchester County,

Health Planning Region and Municipality	Percentage of Infants Born With		
	Low Birthweight ¹	<37 Weeks Gestation	Delayed or No Prenatal Care ²
Westchester County	8.9	10.6	27.4
Northwest	8.0	9.0	24.0
Briarcliff Manor (V)	10.9	10.9	7.0
Buchanan (V)	0.0	3.6	16.0
Cortlandt (TOV)	9.5	11.3	17.3
Croton-on-Hudson (V)	3.3	6.7	18.8
Mount Pleasant (TOV)	5.9	8.3	15.7
Ossining (TOV)	7.0	9.3	16.3
Ossining (V)	7.1	8.4	31.0
Peekskill (C)	9.6	10.4	23.7
Pleasantville (V)	12.1	9.1	8.1
Sleepy Hollow (V)	7.8	6.0	44.9
Northeast	7.6	8.9	14.8
Bedford (T)	9.1	7.9	15.5
Lewisboro (T)	3.3	6.3	16.7
Mount Kisco (T/V)	9.5	6.8	20.7
New Castle (T)	9.1	11.4	9.6
North Castle (T)	7.5	7.5	15.4
North Salem (T)	9.3	15.9	12.1
Pound Ridge (T)	11.4	11.1	21.1
Somers (T)	7.4	7.3	15.2
Yorktown (T)	6.0	9.7	13.4
West Central	8.1	10.1	23.8
Ardsley (V)	5.7	11.4	11.8
Dobbs Ferry (V)	10.3	11.5	17.9
Elmsford (V)	7.7	9.6	31.3
Greenburgh (TOV)	8.6	10.3	27.9
Hastings-on-Hudson (V)	5.0	7.5	13.2
Irvington (V)	9.1	11.4	14.6
Scarsdale (T/V)	13.5	8.7	7.1
Tarrytown (V)	8.6	15.1	17.6
White Plains (C)	6.8	9.2	26.6
East Central	7.0	8.8	30.8
Harrison (T/V)	5.2	6.6	17.8
Larchmont (V)	4.3	5.7	8.3
Mamaroneck (TOV)	6.4	8.0	12.5
Mamaroneck (V)	9.6	7.7	27.1
Port Chester (V)	6.5	9.3	48.5
Rye (C)	8.0	12.8	9.6
Rye Brook (V)	9.2	11.9	16.1
Southwest	10.7	12.5	33.8
Yonkers (C)	10.7	12.5	33.8
Southeast	9.6	11.7	30.3
Bronxville (V)	6.0	14.3	14.1
Eastchester (TOV)	3.2	6.0	15.0
Mount Vernon (C)	13.3	B	36.6
New Rochelle (C)	7.1	10.4	30.3
Pelham (V)	15.1	15.1	12.9
Pelham Manor (V)	5.1	5.1	13.3
Tuckahoe (V)	13.4	8.4	25.6
Unknown	2.9	5.7	29.6

¹ Low birthweight is defined as less than 2,500 grams at birth. Cases with no information on birthweight are excluded; acceptable birthweight range (350,6550).

² Delayed or no prenatal care is defined as prenatal care begun at the second or third trimester, or no prenatal care throughout pregnancy. Those cases with incomplete information on prenatal

Source: New York State Department of Health.

Table 4. Number of Births by Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Age	Total ¹		White		Black		Other ²		Hispanic ³	
	Number	%	Number	%	Number	%	Number	%	Number	%
Total¹	11,501	100.0	6,578	100.0	1,689	100.0	3,216	100.0	3,939	100.0
10-14	4	0.0	2	0.0	1	0.1	1	0.0	3	0.1
15-17	132	1.1	40	0.6	47	2.8	45	1.4	83	2.1
18-19	444	3.9	152	2.3	150	8.9	142	4.4	259	6.6
20-24	1,522	13.2	559	8.5	375	22.2	586	18.2	871	22.1
25-29	2,579	22.4	1243	18.9	439	26.0	892	27.7	1,122	28.5
30-34	3,561	31.0	2305	35.0	363	21.5	887	27.6	933	23.7
35-39	2,531	22.0	1766	26.8	250	14.8	511	15.9	507	12.9
40-44	662	5.8	461	7.0	61	3.6	139	4.3	151	3.8
45+	63	0.5	48	0.7	2	0.1	13	0.4	8	0.2
Average Age	31.1		32.4		28.4		29.7		28.6	

¹Total includes cases with unknown age or race.

²"Other" includes all other races, as well as multi-racial categories.

³Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

⁴Less than 37 gestation weeks.

Source: New York State Department of Health.

Table 5. Number of Births by Maternal Age and Mother's Region of Origin, Westchester County, 2008

Maternal Age	Total ¹ %		Mother's Region of Origin													
			USA %	Mexico %	Central / South America ² %	Caribbean %	Asia / Oceana/ Middle East %	Europe / Canada / Australia / Russia %	Africa %							
	11,501	100.0	6,619	100.0	1,018	100.0	1,536	100.0	810	100.0	729	100.0	585	100.0	176	100.0
10-14	4	0.0	3	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	132	1.1	92	1.4	13	1.3	23	1.5	2	0.2	1	0.1	0	0.0	1	0.6
18-19	444	3.9	281	4.2	71	7.0	63	4.1	27	3.3	0	0.0	2	0.3	0	0.0
20-24	1,522	13.2	742	11.2	254	25.0	298	19.4	140	17.3	46	6.3	25	4.3	17	9.7
25-29	2,579	22.4	1,260	19.0	323	31.7	432	28.1	249	30.7	160	21.9	100	17.1	45	25.6
30-34	3,561	31.0	2,143	32.4	240	23.6	396	25.8	208	25.7	283	38.8	222	37.9	61	34.7
35-39	2,531	22.0	1,636	24.7	96	9.4	244	15.9	140	17.3	186	25.5	179	30.6	41	23.3
40-44	662	5.8	421	6.4	20	2.0	72	4.7	44	5.4	46	6.3	47	8.0	11	6.3
45+	63	0.5	39	0.6	0	0.0	7	0.5	0	0.0	7	1.0	10	1.7	0	0.0

¹ Total includes unknown age and region of origin.

² Cases from Central and South American do not include cases from Mexico.

Source: New York State Department of Health.

Table 6. Number of Births by Mother's Age and Educational Level, Westchester County, 2008

Mother's Age	Total ¹		Less than HS		High School / GED		Some College or Associate's Degree		Bachelor's Degree		Graduate or Professional Degree	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total¹	11,501	100.0	2,108	100.0	1,826	100.0	2,253	100.0	2,813	100.0	2,446	100.0
10-14	4	0.0	4	0.2	0	0.0	0	0.0	0	0.0	0	0.0
15-17	132	1.1	116	5.5	16	0.9	0	0.0	0	0.0	0	0.0
18-19	444	3.9	221	10.5	158	8.7	63	2.8	1	0.0	0	0.0
20-24	1,522	13.2	525	24.9	461	25.2	418	18.6	97	3.4	14	0.6
25-29	2,579	22.4	543	25.8	485	26.6	641	28.5	561	19.9	334	13.7
30-34	3,561	31.0	408	19.4	394	21.6	619	27.5	1,097	39.0	1,027	42.0
35-39	2,531	22.0	225	10.7	219	12.0	381	16.9	828	29.4	863	35.3
40-44	662	5.8	62	2.9	82	4.5	121	5.4	206	7.3	190	7.8
45+	63	0.5	3	0.1	9	0.5	10	0.4	23	0.8	18	0.7
Average Age	31.1		27.2		28.3		30.3		33.4		34.4	

¹Total includes cases with unknown age or educational level.
Source: New York State Department of Health.

Table 7. Number of Births by Birthweight and Mother's Race/Ethnicity and Age, Westchester County, 2008

Race/Ethnicity and Birthweight	Total ¹	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total¹	11,501	100.0	136	444	1,522	2,579	3,561	2,531	662	63
<1500 grams	180	1.6	1	16	32	27	47	38	12	6
1500-2499 grams	837	7.3	13	49	110	167	251	175	53	19
2500 grams+	10,447	91.1	122	379	1,377	2,379	3,250	2,311	592	35
Not stated	37	--	0	0	3	6	13	7	5	3
White	6,578	100.0	42	152	559	1,243	2,305	1,766	461	48
<1500 grams	84	1.3	0	3	7	10	25	26	7	6
1500-2499 grams	424	6.5	5	9	35	67	148	107	37	16
2500 grams+	6,037	92.2	37	140	516	1,161	2,119	1,626	413	23
Not Stated	33	--	0	0	1	5	13	7	4	3
Black	1,688	100.0	48	150	375	439	363	250	61	2
<1500 grams	68	4.0	1	10	18	11	15	9	3	0
1500-2499 grams	177	10.5	5	24	36	39	40	28	5	0
2500 grams+	1,442	85.5	42	116	320	388	308	213	53	2
Not Stated	2	--	0	0	1	1	0	0	0	0
Other²	3,216	100.0	46	142	586	892	887	511	139	13
<1500 grams	28	0.9	0	3	7	6	7	3	2	0
1500-2499 grams	235	7.3	3	16	39	61	63	39	11	3
2500 grams+	2,951	91.8	43	123	539	825	817	469	125	10
Not Stated	2	--	0	0	1	0	0	0	1	0
Hispanic³	3,937	100.0	86	259	871	1,122	933	507	151	8
<1500 grams	48	1.2	0	5	12	9	12	6	4	0
1500-2499 grams	293	7.4	8	22	58	65	77	45	15	3
2500 grams+	3,596	91.4	78	232	800	1,047	844	456	132	5
Not Stated	2	--	0	0	1	1	0	0	0	0

¹Total includes cases with unknown age or race.

²"Other" includes all other races, as well as multi-racial categories.

³Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 8. Average Birthweight by Maternal Exposure to Smoking and Drug Use During Pregnancy by Mother's Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity		No Smoking & No Drug Use	Smoking Only ¹	Drug Use Only ²	Both Smoking & Drug Use
Total ³	Birthweight (g)	3,243	3,133 *	2,748 *	2,567 *
	n	10,254	181	29	23
White	Birthweight (g)	3,273	3,239	3,018	-- ⁵
	n	5,610	104	9	N/A
Black	Birthweight (g)	3,082	2,986	2,661 *	2,623 *
	n	1,558	56	18	16
Hispanic ⁴	Birthweight (g)	3,261	2,970 *	-- ⁵	-- ⁵
	n	3,738	41	N/A	N/A

¹ Any use of tobacco products during pregnancy.

² Any use of illegal drugs during pregnancy.

³ Total includes 'other' and 'unknown' racial categories. Individuals without birthweight information are excluded.

⁴ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

⁵ 5 cases or less.

* Statistical significance determined by Bonferroni's post-hoc multiple comparison tests. All comparisons are between the risk group and non-risk group (the "no smoking and no drug use" group). Please refer to details listed under Hypothesis Testing in Appendix 2.

Source: New York State Department of Health.

Table 9. Number of Births by Time Starting Prenatal Care and Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Time Starting Prenatal Care	Total ¹ %		Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total¹	11,501	100.0	136	444	1,522	2,579	3,561	2,531	662	63
First Trimester (1st-3rd Month)	7,139	72.1	34	172	739	1602	2392	1720	447	33
Second Trimester (4th-6th Month)	2,288	23.1	61	172	516	571	515	355	85	13
Third Trimester (7th-9th Month)	431	4.4	24	51	104	106	80	51	14	1
No Prenatal Care	49	0.5	1	3	3	8	20	12	2	0
No Prenatal Care Information	1,594	-	16	46	160	292	554	393	114	16
White	6,578	100.0	42	152	559	1,243	2,305	1,766	461	48
First Trimester (1st-3rd Month)	4,266	78.7	15	57	261	776	1567	1242	321	27
Second Trimester (4th-6th Month)	947	17.5	17	55	162	219	261	184	42	7
Third Trimester (7th-9th Month)	171	3.2	5	16	49	43	32	21	4	1
No Prenatal Care	39	0.7	0	3	3	6	14	12	1	0
No Prenatal Care Information	1,155	-	5	21	84	199	431	307	93	13
Black	1,689	100.0	48	150	375	439	363	250	61	2
First Trimester (1st-3rd Month)	902	60.1	12	45	178	250	224	154	38	1
Second Trimester (4th-6th Month)	477	31.8	19	63	129	130	69	57	9	1
Third Trimester (7th-9th Month)	116	7.7	8	24	26	18	21	14	5	0
No Prenatal Care	7	0.5	1	0	0	1	4	0	1	0
No Prenatal Care Information	187	-	8	18	42	40	45	25	8	0
Other²	3,216	100.0	46	142	586	892	887	511	139	13
First Trimester (1st-3rd Month)	1,960	66.0	7	70	298	572	599	321	88	5
Second Trimester (4th-6th Month)	864	29.1	25	54	225	222	185	114	34	5
Third Trimester (7th-9th Month)	144	4.8	11	11	29	45	27	16	5	0
No Prenatal Care	3	0.1	0	0	0	1	2	0	0	0
No Prenatal Care Information	245	-	3	7	34	52	74	60	12	3
Hispanic³	3,939	100.0	86	259	871	1122	933	507	151	8
First Trimester (1st-3rd Month)	2,164	61.1	20	103	398	651	588	300	98	6
Second Trimester (4th-6th Month)	1,169	33.0	42	98	326	309	224	137	32	1
Third Trimester (7th-9th Month)	200	5.6	16	29	59	56	23	14	3	0
No Prenatal Care	9	0.3	0	3	1	2	2	1	0	0
No Prenatal Care Information	397	-	8	26	87	104	96	55	18	1

¹ Total includes cases with unknown race.

² "Other" includes all other races, as well as multi-racial categories.

³ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 10. Number of Births by Time Starting Prenatal Care and Mother's Region of Origin, Westchester County, 2008

Time Starting Prenatal Care	Total ¹ %		Mother's Region of Origin													
			USA %		Mexico %		Central / South America ² %		Caribbean %		Asia / Oceania / Middle East %		Europe / Canada / Australia / Russia %		Africa %	
Total	11,501	100.0	6,619	100.0	1,018	100.0	1,536	100.0	810	100.0	729	100.0	585	100.0	176	100.0
First Trimester (1st-3rd Month)	7,139	72.1	4,265	77.1	520	55.1	844	61.3	497	66.8	485	76.4	393	80.2	112	69.6
Second Trimester (4th-6th Month)	2,288	23.1	1,033	18.7	356	37.8	476	34.6	190	25.5	116	18.3	87	17.8	29	18.0
Third Trimester (7th-9th Month)	431	4.4	200	3.6	65	6.9	54	3.9	53	7.1	31	4.9	7	1.4	19	11.8
No Prenatal Care	49	0.5	33	0.6	2	0.2	2	0.1	4	0.5	3	0.5	3	0.6	1	0.6
No Prenatal Care Information	1,594	--	1,088	--	75	--	160	--	66	--	94	--	95	--	15	--

¹ Total includes unknown region of origin.

² Cases from Central and South American do not include cases from Mexico.

Source: New York State Department of Health.

Table 11. Number of Births by Time Starting Prenatal Care and Mother's Educational Level and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Time Starting Prenatal Care	Total ¹	%	Mother's Educational Level				
			Less than High School	High School / GED	Some College or Associate's Degree	Bachelor's Degree	Graduate or Professional Degree
Total¹	11,501	100.0	2,108	1,826	2,253	2,813	2,446
First Trimester (1st-3rd Month)	7,139	72.1	993	988	1,430	1,935	1,771
Second Trimester (4th-6th Month)	2,288	23.1	760	516	460	288	252
Third Trimester (7th-9th Month)	431	4.4	151	112	75	54	34
No Prenatal Care	49	0.5	5	4	6	18	15
No Prenatal Care Information	1,594	-	199	206	282	518	374
White	6,578	100.0	738	771	1,128	2,012	1,898
First Trimester (1st-3rd Month)	4,266	78.7	302	436	740	1,400	1,376
Second Trimester (4th-6th Month)	947	17.5	271	173	180	154	162
Third Trimester (7th-9th Month)	171	3.2	58	43	26	21	20
No Prenatal Care	39	0.7	4	3	2	17	13
No Prenatal Care Information	1,155	-	103	116	180	420	327
Black	1,689	100.0	286	413	563	260	158
First Trimester (1st-3rd Month)	902	60.1	100	185	332	173	108
Second Trimester (4th-6th Month)	477	31.8	97	141	151	54	31
Third Trimester (7th-9th Month)	116	7.7	38	34	26	11	7
No Prenatal Care	7	0.5	1	1	3	0	1
No Prenatal Care Information	187	-	50	52	51	22	11
Other²	3,216	100.0	1,084	640	556	536	388
First Trimester (1st-3rd Month)	1,960	66.0	591	366	355	360	285
Second Trimester (4th-6th Month)	864	29.1	392	202	129	80	59
Third Trimester (7th-9th Month)	144	4.8	55	35	23	22	7
No Prenatal Care	3	0.1	0	0	1	1	1
No Prenatal Care Information	245	-	46	37	48	73	36
Hispanic³	3,939	100.0	1,652	934	737	380	214
First Trimester (1st-3rd Month)	2,164	61.1	799	492	454	264	150
Second Trimester (4th-6th Month)	1,169	33.0	618	297	165	55	28
Third Trimester (7th-9th Month)	200	5.6	98	62	26	7	3
No Prenatal Care	9	0.3	3	2	2	1	1
No Prenatal Care Information	397	-	134	81	90	53	32

¹ Total includes cases with unknown maternal race and/or educational level.

² "Other" includes all other races, as well as multi-racial categories.

³ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 12. Number of Births by Gestational Age and Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Gestational Age	Total ¹	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total¹	11,501	100.0	136	444	1,522	2,579	3,561	2,531	662	63
37+ Weeks Gestation	10,266	89.4	119	383	1,358	2,344	3,179	2,276	564	41
35-36 Weeks Gestation	747	6.5	11	28	91	139	243	161	69	5
Less than 35 Weeks Gestation	474	4.1	5	33	71	95	134	91	28	16
Unknown	14	-	1	0	2	1	5	3	1	1
Average Gestational Age (weeks)	38.5									
White	6,578	100.0	42	152	559	1,243	2,305	1,766	461	48
37+ Weeks Gestation	5,912	90.0	37	139	506	1,138	2,081	1,589	391	29
35-36 Weeks Gestation	436	6.6	4	8	31	71	149	115	53	5
Less than 35 Weeks Gestation	218	3.3	1	5	21	33	70	59	16	13
Unknown	12	-	0	0	1	1	5	3	1	1
Average Gestational Age (weeks)	38.6									
Black	1,689	100.0	48	150	375	439	363	250	61	2
37+ Weeks Gestation	1,426	84.4	41	120	315	385	297	214	52	2
35-36 Weeks Gestation	124	7.3	6	13	28	22	36	15	4	0
Less than 35 Weeks Gestation	139	8.2	1	17	32	32	30	21	5	0
Unknown	0	-	0	0	0	0	0	0	0	0
Average Gestational Age (weeks)	37.9									
Other²	3,216	100.0	46	142	586	892	887	511	139	13
37+ Weeks Gestation	2,912	90.6	41	124	535	817	795	470	120	10
35-36 Weeks Gestation	185	5.8	1	7	32	45	58	30	12	0
Less than 35 Weeks Gestation	117	3.6	3	11	18	30	34	11	7	3
Unknown	2	-	1	0	1	0	0	0	0	0
Average Gestational Age (weeks)	38.6									
Hispanic³	3,939	100.0	86	259	871	1,122	933	507	151	8
37+ Weeks Gestation	3,513	89.3	76	234	790	1,021	823	442	119	6
35-36 Weeks Gestation	268	6.8	5	12	48	64	72	46	21	0
Less than 35 Weeks Gestation	155	3.9	4	13	32	37	38	19	10	2
Unknown	3	-	1	0	1	0	0	0	1	0
Average Gestational Age (weeks)	38.5									

¹ Total includes cases with unknown race.

² "Other" includes all other races, as well as multi-racial categories.

³ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 13. Number of Births by Insurance Coverage and Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Financial Coverage	Total ¹	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	11,501	100.0	136	444	1,522	2,579	3,561	2,531	662	63
Medicaid / Family Health Plus	3,912	34.9	101	344	1,097	1,096	775	380	118	1
Private or Other Insurance ²	7,210	64.3	29	92	388	1,426	2,638	2,060	517	58
Self-Pay	87	0.8	4	7	21	26	18	8	3	0
Unknown Coverage	292	-	2	1	16	31	130	83	24	4
White	6,578	100.0	42	152	559	1,243	2,305	1,766	461	48
Medicaid / Family Health Plus	1,402	22.1	35	124	400	386	278	138	41	0
Private or Other Insurance ²	4,915	77.4	6	27	145	826	1,910	1,557	398	45
Self-Pay	31	0.5	1	1	5	8	10	4	2	0
Unknown Coverage	230	-	0	0	9	23	107	67	20	3
Black	1,689	100.0	48	150	375	439	363	250	61	2
Medicaid / Family Health Plus	837	49.8	30	114	263	215	140	59	16	0
Private or Other Insurance ²	829	49.3	17	34	106	220	218	187	44	2
Self-Pay	14	0.8	1	2	5	4	2	0	0	0
Unknown Coverage	9	-	0	0	1	0	3	4	1	0
Other³	3,216	100.0	46	142	586	892	887	511	139	13
Medicaid / Family Health Plus	1,671	52.7	36	106	434	494	356	183	61	1
Private or Other Insurance ²	1,455	45.9	6	31	135	377	507	314	74	11
Self-Pay	42	1.3	2	4	11	14	6	4	1	0
Unknown Coverage	48	-	2	1	6	7	18	10	3	1
Hispanic⁴	3,939	100.0	86	259	871	1,122	933	507	151	8
Medicaid / Family Health Plus	2,566	65.9	68	213	702	741	514	247	80	1
Private or Other Insurance ²	1,284	33.0	13	40	151	358	398	249	67	7
Self-Pay	43	1.1	3	5	10	16	5	3	1	0
Unknown Coverage	46	-	2	1	8	7	16	8	3	0

¹ Total includes cases with unknown race or age.

² "Other Insurance" includes all other forms of private and government insurance.

² "Other" includes all other races, as well as multi-racial categories.

³ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 14. Number of Births by Insurance Coverage and Mother's Geographical Region of Origin, Westchester County,

Financial Coverage	Mother's Region of Origin															
	Total ¹	%	USA	%	Mexico	%	Central / South America ²	%	Caribbean	%	Asia / Oceania/ Middle East	%	Europe / Canada / Australia / Russia	%	Africa	%
Total	11,501	100.0	6,619	100.0	1,018	100.0	1,536	100.0	810	100.0	729	100.0	585	100.0	176	100.0
Medicaid / Family Health Plus	3,912	34.9	1,360	21.3	841	82.9	1057	70.0	389	48.3	120	16.9	58	10.2	75	43.4
Private or Other Insurance	7,210	64.3	4,997	78.1	169	16.7	431	28.5	409	50.7	585	82.4	507	89.1	98	56.6
Self-Pay	87	0.8	41	0.6	5	0.5	23	1.5	8	1.0	5	0.7	4	0.7	0	0.0
Unknown Coverage	292	--	221	--	3	--	25	--	4	--	19	--	16	--	3	--

¹ Total includes unknown region of origin.

² Cases from Central and South American do not include cases from Mexico.

Source: New York State Department of Health.

Table 15. Number of Births by Delivery Method and Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Delivery Method	Total ¹ %		Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	11,501	100.0	136	444	1,522	2,579	3,561	2,531	662	63
Vaginal Delivery	6,799	59.2	103	303	1017	1621	2111	1326	308	8
Vaginal Birth After Cesarean	85	0.7	0	0	9	22	29	20	4	1
Primary Cesarean Section	2,991	26.1	30	123	353	612	903	713	218	38
Repeat Cesarean Section	1,604	14.0	2	18	141	321	506	469	131	16
Unknown Delivery Method	22	--	1	0	2	3	12	3	1	0
White	6,578	100.0	42	152	559	1,243	2,305	1,766	461	48
Vaginal Delivery	3,823	58.3	27	102	375	814	1355	926	216	7
Vaginal Birth After Cesarean	45	0.7	0	0	1	11	20	9	3	1
Primary Cesarean Section	1,813	27.6	14	39	127	296	639	513	156	28
Repeat Cesarean Section	881	13.4	1	11	54	119	281	317	86	12
Unknown Delivery Method	16	--	0	0	2	3	10	1	0	0
Black	1,689	100.0	48	150	375	439	363	250	61	2
Vaginal Delivery	918	54.4	35	91	235	242	188	103	23	0
Vaginal Birth After Cesarean	9	0.5	0	0	2	2	2	3	0	0
Primary Cesarean Section	495	29.3	13	57	103	112	98	90	21	1
Repeat Cesarean Section	266	15.8	0	2	35	83	75	54	16	1
Unknown Delivery Method	1	--	0	0	0	0	0	0	1	0
Other²	3,216	100.0	46	142	586	892	887	511	139	13
Vaginal Delivery	2,045	63.7	41	110	405	561	565	293	69	1
Vaginal Birth After Cesarean	31	1.0	0	0	6	9	7	8	1	0
Primary Cesarean Section	679	21.1	3	27	123	203	164	110	40	9
Repeat Cesarean Section	457	14.2	1	5	52	119	150	98	29	3
Unknown Delivery Method	4	--	1	0	0	0	1	2	0	0
Hispanic³	3,939	100.0	86	259	871	1122	933	507	151	8
Vaginal Delivery	2,452	62.3	68	187	594	720	567	246	69	0
Vaginal Birth After Cesarean	40	1.0	0	0	6	16	10	6	2	0
Primary Cesarean Section	850	21.6	15	55	181	210	197	140	48	3
Repeat Cesarean Section	592	15.0	2	17	89	176	156	115	32	5
Unknown Delivery Method	5	--	1	0	1	0	3	0	0	0

¹ Total includes cases with unknown race.

² "Other" includes all other races, as well as multi-racial categories.

³ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 16. Number of Total Pregnancies, Live Births, Spontaneous Fetal Deaths, and Induced Abortions by Mother's Age and Race/Ethnicity, Westchester County, 2008

Mother's Race/Ethnicity and Age	Total Pregnancies	Live Births	Spontaneous Fetal Deaths	Induced Abortions	As % of Total Pregnancies		
					Live Births	Spontaneous Fetal Deaths	Induced Abortions
Total¹	15,778	11,501	266	4,011	72.9	1.69	25.4
10-14	23	4	0	19	0.0	0.00	0.1
15-17	395	132	2	261	0.8	0.01	1.7
18-19	892	444	9	439	2.8	0.06	2.8
20-24	2,685	1,522	30	1,133	9.6	0.19	7.2
25-29	3,545	2,579	48	918	16.3	0.30	5.8
30-34	4,226	3,561	52	613	22.6	0.33	3.9
35-39	3,029	2,531	64	434	16.0	0.41	2.8
40-44	863	662	47	154	4.2	0.30	1.0
45+	91	63	9	19	0.4	0.06	0.1
Unknown	29	3	5	21	0.0	0.03	0.1
White Non-Hispanic	5,909	4,923	138	848	83.3	2.34	14.4
10-14	3	0	0	3	0.0	0.00	0.1
15-17	39	4	0	35	0.1	0.00	0.6
18-19	123	32	1	90	0.5	0.02	1.5
20-24	454	207	7	240	3.5	0.12	4.1
25-29	975	790	17	168	13.4	0.29	2.8
30-34	2,059	1,906	33	120	32.3	0.56	2.0
35-39	1,702	1,543	41	118	26.1	0.69	2.0
40-44	485	396	29	60	6.7	0.49	1.0
45+	61	45	6	10	0.8	0.10	0.2
Unknown	8	0	4	4	0.0	0.07	0.1
Black Non-Hispanic	3,115	1,600	56	1,459	51.4	1.80	46.8
10-14	8	1	0	7	0.0	0.00	0.2
15-17	157	45	0	112	1.4	0.00	3.6
18-19	335	141	6	188	4.5	0.19	6.0
20-24	760	351	10	399	11.3	0.32	12.8
25-29	795	422	14	359	13.5	0.45	11.5
30-34	560	342	10	208	11.0	0.32	6.7
35-39	376	235	9	132	7.5	0.29	4.2
40-44	110	60	5	45	1.9	0.16	1.4
45+	7	2	2	3	0.1	0.06	0.1
Unknown	7	1	0	6	0.0	0.00	0.2
Hispanic²	5,451	3,944	43	1,464	72.4	0.8	26.9
10-14	11	3	0	8	0.1	0.00	0.1
15-17	182	82	0	100	1.5	0.00	1.8
18-19	401	260	2	139	4.8	0.04	2.5
20-24	1,318	870	8	440	16.0	0.15	8.1
25-29	1,465	1,123	11	331	20.6	0.20	6.1
30-34	1,190	936	4	250	17.2	0.07	4.6
35-39	666	509	7	150	9.3	0.13	2.8
40-44	197	151	10	36	2.8	0.18	0.7
45+	11	8	1	2	0.1	0.02	0.0
Unknown	10	2	0	8	0.0	0.00	0.1

¹ Total includes 'other' and 'unknown' races.

² Hispanic is an ethnic group and may be of any race.

Source: New York State Department of Health.

Table 17. Total Number of Deaths and Infant Deaths, Death Rate and Infant Mortality Rate, Westchester County, 2008

Health Planning Region and Municipality	Number of Deaths	Number of Infant Deaths	Death Rate (per 100,000 population)	Infant Mortality Rate (per 1,000 live births)
Westchester County	6,838	59	740.5	5.1
Northwest	1,092	5	776.3	3.0
Briarcliff Manor (V)	66	0	857.6	0.0
Buchanan (V)	16	0	730.9	0.0
Cortlandt (TOV)	303	0	1,056.8	0.0
Croton-on-Hudson (V)	83	0	1,091.2	0.0
Mount Pleasant (TOV)	153	0	585.1	0.0
Ossining (TOV)	70	0	1,269.5	0.0
Ossining (V)	131	1	545.6	2.5
Peekskill (C)	178	4	793.2	10.7
Pleasantville (V)	39	0	543.8	0.0
Sleepy Hollow (V)	53	0	575.3	0.0
Northeast	837	7	627.7	5.5
Bedford (T)	89	0	490.8	0.0
Lewisboro (T)	44	0	357.0	0.0
Mount Kisco (T/V)	53	1	530.9	6.8
New Castle (T)	65	1	371.6	5.7
North Castle (T)	53	2	488.5	18.7
North Salem (T)	49	2	947.2	45.5
Pound Ridge (T)	21	0	444.4	0.0
Somers (T)	173	0	943.0	0.0
Yorktown (T)	290	1	798.5	2.9
West Central	1,134	8	719.3	4.3
Ardsley (V)	28	0	655.9	0.0
Dobbs Ferry (V)	85	0	800.2	0.0
Elmsford (V)	22	0	470.5	0.0
Greenburgh (TOV)	343	3	820.0	5.3
Hastings-on-Hudson (V)	81	0	1,059.1	0.0
Irvington (V)	38	1	573.1	22.7
Scarsdale (T/V)	53	0	297.4	0.0
Tarrytown (V)	67	0	604.1	0.0
White Plains (C)	417	4	785.7	5.0
East Central	703	4	627.9	3.1
Harrison (T/V)	133	1	550.6	4.7
Larchmont (V)	33	0	508.9	0.0
Mamaroneck (TOV)	49	0	439.8	0.0
Mamaroneck (V)	165	2	879.9	9.6
Port Chester (V)	143	1	513.2	2.2
Rye (C)	111	0	742.2	0.0
Rye Brook (V)	69	0	802.1	0.0
Southwest	1,514	18	772.1	6.2
Yonkers (C)	1,514	18	772.1	6.2
Southeast	1,479	14	804.9	5.7
Bronxville (V)	29	1	443.2	11.9
Eastchester (TOV)	156	1	840.3	4.6
Mount Vernon (C)	579	8	846.7	8.1
New Rochelle (C)	605	3	838.2	3.1
Pelham (V)	30	0	468.8	0.0
Pelham Manor (V)	29	0	530.6	0.0
Tuckahoe (V)	51	1	821.1	12.0
Unknown	79	3	--	--

Source: New York State Department of Health.

Table 18. Number of Deaths and Death Rates by Age Group and Sex, and Average Age of Death by Sex, Westchester County, 2008

Age Group	Number			Death Rate <i>(per 100,000 population)</i>		
	Total	Female	Male	Total	Female	Male
Total	6,838	3,642	3,196	740.5	756.0	723.5
0-4	68	32	36	105.8	101.7	109.8
5-9	5	3	2	7.4	9.1	5.7
10-19	19	2	17	16.1	3.5	27.8
20-29	66	14	52	64.9	27.2	103.5
30-39	83	19	64	55.9	24.7	89.3
40-49	226	96	130	155.4	127.3	185.7
50-59	535	208	327	485.7	356.4	631.6
60-69	783	351	432	1,081.4	885.6	1,318.1
70-79	1,281	621	660	2,161.1	1,807.0	2,649.8
80+	3,772	2,296	1,476	10,580.6	9,508.8	12,830.3
Average Age of Death	76.7	79.9	73.1	--	--	--

Source: New York State Department of Health.

Table 19. Number of Deaths and Death Rates by Age Group and Race/Ethnicity, and Average Age of Death by Race/Ethnicity, Westchester County, 2008

Age Group	Number					Death Rate (per 100,000 population)				
	Total	White	Black	Other	Hispanic ¹	Total	White	Black	Other	Hispanic ¹
Total	6,838	5,700	831	307	379	740.5	865.1	633.7	230.0	263.0
0-4	68	38	17	13	22	105.8	89.4	182.4	104.7	164.4
5-9	5	4	0	1	1	7.4	8.9	0.0	8.4	7.8
10-19	19	13	4	2	1	16.1	17.1	18.7	9.6	4.3
20-29	66	42	15	9	17	64.9	68.2	90.8	38.1	60.4
30-39	83	43	23	17	25	55.9	42.9	103.2	65.5	88.1
40-49	226	151	50	25	34	155.4	140.2	266.6	131.9	179.9
50-59	535	377	120	38	42	485.7	444.5	831.5	348.7	411.2
60-69	783	594	146	43	53	1081.4	1023.7	1601.6	816.6	999.6
70-79	1,281	1,054	167	60	72	2161.1	2051.1	3121.5	2365.0	2,788.5
80+	3,772	3,384	289	99	112	10580.6	10696.7	10024.3	8753.3	10,905.6
Average Age of Death	76.7	78.4	69.1	65.2	62.5	--	--	--	--	--

¹ Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 20. Number of Infant Deaths and Infant Mortality Rates by Race/Ethnicity, Westchester County, 2002-2008

Race/Ethnicity	Number of Infant Deaths							Infant Mortality Rate <i>(per 1,000 live births)</i>						
	2008	2007	2006	2005	2004	2003	2002	2008	2007	2006	2005	2004	2003	2002
Total¹	59	57	45	60	55	59	57	5.1	4.8	3.8	5.0	4.4	4.6	4.5
White	32	29	23	28	23	27	37	4.9	4.1	3.2	3.7	2.8	2.7	3.8
Black	17	21	13	12	23	24	17	10.1	12.4	7.9	7.0	12.7	12.9	8.7
Other	10	7	9	20	9	8	3	3.1	2.3	2.9	7.3	4.0	10.0	3.6
Hispanic ²	19	17	19	23	10	15	16	4.8	4.5	4.8	5.9	2.7	4.3	4.8

¹ Totals include unknown race.

² Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are reported in race categories.

Source: New York State Department of Health.

Table 21. Ten Leading Causes of Death and Death Rates, Westchester County, New York State (NYS), and the United States, 2006-2008

Cause of Death	Westchester County			New York State	New York City	NYS Excluding New York City	U.S.A.
	2008	2007	2006	2008	2008	2008	2007
Total	6,838	6,805	7,050	147,469	53,001	94,468	2,423,712
Rate¹	740.5	736.9	763.4	756.6	633.7	849.0	803.6
Diseases of the Heart							
Number	2,153	2,238	2,362	49,137	21,064	28,073	616,067
Rate	233.1	242.3	255.8	252.1	251.8	252.3	204.3
Rank	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Malignant Neoplasms							
Number	1,698	1,678	1,802	35,101	12,238	22,863	562,875
Rate	183.9	181.7	195.1	180.1	146.3	205.5	186.6
Rank	[2]	[2]	[2]	[2]	[2]	[2]	[2]
Cerebrovascular Diseases							
Number	316	311	378	5,883	1,560	4,323	135,952
Rate	34.2	33.7	40.9	30.2	18.7	38.9	45.1
Rank	[3]	[3]	[3]	[4]	[7]	[4]	[3]
Chronic Lower Respiratory Disease (CLRD)							
Number	304	313	290	6,841	1,627	5,214	127,924
Rate	32.9	33.9	31.4	35.1	19.5	46.9	42.4
Rank	[3]	[3]	[3]	[3]	[4]	[3]	[4]
Accidents							
Number	210	202	174	4,988	1,587	3,401	123,706
Rate	22.7	21.9	18.8	25.6	19.0	30.6	41.0
Rank	[4]	[4]	[5]	[4]	[6]	[4]	[5]
Septicemia							
Number	192	178	181	2,331	386	1,945	34,828
Rate	20.8	19.3	19.6	12.0	4.6	17.5	11.5
Rank	[6]	[6]	[7]	[8]	[11]	[8]	[10]
Pneumonia and Influenza							
Number	169	187	186	4,622	2,284	2,338	52,717
Rate	18.3	20.2	20.1	23.3	27.2	20.5	17.4
Rank	[7]	[6]	[5]	[6]	[3]	[6]	[8]
Diabetes Mellitus							
Number	133	147	134	3,582	1,607	1,975	71,382
Rate	14.4	15.9	14.5	18.4	19.2	17.8	23.7
Rank	[8]	[8]	[8]	[7]	[5]	[7]	[7]
Nephritis, Nephrotic, Colitis, Diverticulitis							
Number	114	101	131	2,639	407	1,962	46,448
Rate	12.3	10.9	14.2	12.2	4.9	17.6	15.4
Rank	[9]	[9]	[9]	[8]	[12]	[8]	[9]
Alzheimer's disease							
Number	111	91	87	n.a	n.a	n.a	74,632
Rate	12.0	9.9	9.4				24.7
Rank	[10]	[10]	[10]				[6]

¹ Death rates are per 100,000 population.

Source: New York State Department of Health: Annual Vital Statistics Tables at www.health.state.ny.us/nysdoh/vital_statistics and Centers for Disease Control and Prevention: National Vital Statistics Reports, Volume 58, Number 19, May 2010

Table 22. Number of Deaths and Death Rates by Selected Causes and Sex, Westchester County, 2008

Cause of Death	Number of Deaths			Death Rate (per 100,000 population)		
	Total	Female	Male	Total	Female	Male
Total	6,838	3,642	3,196	740.5	756.0	723.5
Diseases of the circulatory system	2,639	1,441	1,198	285.8	299.1	271.2
Diseases of the Heart	2,153	1,174	979	233.1	243.7	221.6
Cerebrovascular diseases	316	178	138	34.2	36.9	31.2
Other	170	89	81	18.4	18.5	18.3
Neoplasms	1,742	908	834	188.6	188.5	188.8
Malignant neoplasms	1,698	881	817	183.9	182.9	185.0
In situ neoplasms	0	0	0	0.0	0.0	0.0
Benign neoplasms	1	0	1	0.1	0.0	0.2
Neoplasms of uncertain or unknown behaviour	43	27	16	4.7	5.6	3.6
Diseases of the respiratory system	649	358	291	70.3	74.3	65.9
Influenza	0	0	0	0.0	0.0	0.0
Pneumonia	169	97	72	18.3	20.1	16.3
Chronic lower respiratory diseases	304	177	127	32.9	36.7	28.8
Other	176	84	92	19.1	17.4	20.8
External causes of morbidity and mortality	315	99	216	34.1	20.6	48.9
Accidents	210	74	136	22.7	15.4	30.8
Intentional self-harm (Suicide)	59	13	46	6.4	2.7	10.4
Assault (Homicide)	31	5	26	3.4	1.0	5.9
Legal intervention and operations of war	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care	6	3	3	0.6	0.6	0.7
Supplementary factors related to causes of morbidity and mortality	0	0	0	0.0	0.0	0.0
Other	9	4	5	1.0	0.8	1.1
Certain infectious and parasitic diseases	282	142	140	30.5	29.5	31.7
Tuberculosis	3	1	2	0.3	0.2	0.5
Septicemia	192	108	84	20.8	22.4	19.0
Viral hepatitis	16	3	13	1.7	0.6	2.9
Human immunodeficiency virus [HIV] disease	35	12	23	3.8	2.5	5.2
Other	36	18	18	3.9	3.7	4.1
Diseases of the nervous system	239	148	91	25.9	30.7	20.6
Parkinson's disease	60	34	26	6.5	7.1	5.9
Alzheimer's disease	111	81	30	12.0	16.8	6.8
Other	68	33	35	7.4	6.9	7.9
Diseases of the digestive system	220	123	97	23.8	25.5	22.0
Gastritis, Enteritis, Colitis, Diverticulitis	28	17	11	3.0	3.5	2.5
Diseases of liver	59	21	38	6.4	4.4	8.6
<i>Chronic liver diseases, including Cirrhosis</i>	54	21	33	5.8	4.4	7.5
<i>Other</i>	5	0	5	0.5	0.0	1.1
Other	133	85	48	14.4	17.6	10.9
Endocrine, nutritional and metabolic diseases	192	97	95	20.8	20.1	21.5
Diabetes mellitus	133	60	73	14.4	12.5	16.5
Other	59	37	22	6.4	7.7	5.0
Diseases of the genitourinary system	171	90	81	18.5	18.7	18.3
Kidney diseases	125	58	67	13.5	12.0	15.2
<i>Nephritis, Nephrotic Syndrome and Nephrosis</i>	114	56	58	12.3	11.6	13.1
<i>Other</i>	11	2	9	1.2	0.4	2.0
Other	46	32	14	5.0	6.6	3.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	63	33	30	6.8	6.9	6.8
Sudden Infant Death Syndrome	3	1	2	0.3	0.2	0.5
Other	60	32	28	6.5	6.6	6.3
Certain conditions originating in the perinatal period	32	13	19	3.5	2.7	4.3
Congenital malformations, deformations and chromosomal abnormalities	18	9	9	1.9	1.9	2.0
Other	276	181	95	29.9	37.6	21.5

Source: New York State Department of Health.

Table 23. Number of Deaths and Death Rates by Selected Causes and Age Group, Westchester County, 2008

Cause of Death	Number of Deaths							Death Rate ¹ (per 100,000 population)						
	Total	<1	1-29	30-49	50-64	65-79	80+	Total	<1	1-29	30-49	50-64	65-79	80+
Total	6,838	59	99	309	892	1,707	3,772	740.5	5.1	28.1	105.1	600.6	1,829.3	10,580.6
Diseases of the circulatory system	2,639	0	5	70	233	529	1,802	285.8	0.0	1.4	23.8	156.9	566.9	5,054.7
Diseases of the Heart	2,153	0	3	53	186	433	1,478	233.1	0.0	0.9	18.0	125.2	464.0	4,145.9
Cerebrovascular diseases	316	0	1	15	28	57	215	34.2	0.0	0.3	5.1	18.9	61.1	603.1
Other	170	0	1	2	19	39	109	18.4	0.0	0.3	0.7	12.8	41.8	305.8
Neoplasms	1,742	0	9	89	364	653	627	188.6	0.0	2.6	30.3	245.1	699.8	1,758.8
Malignant neoplasms	1,698	0	7	87	359	638	607	183.9	0.0	2.0	29.6	241.7	683.7	1,702.7
In situ neoplasms	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benign neoplasms	1	0	0	0	0	1	0	0.1	0.0	0.0	0.0	0.0	1.1	0.0
Neoplasms of uncertain or unknown behaviour	43	0	2	2	5	14	20	4.7	0.0	0.6	0.7	3.4	15.0	56.1
Diseases of the respiratory system	649	1	1	5	45	161	436	70.3	0.1	0.3	1.7	30.3	172.5	1,223.0
Influenza	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia	169	0	0	2	6	29	132	18.3	0.0	0.0	0.7	4.0	31.1	370.3
Chronic lower respiratory diseases	304	0	0	3	24	89	188	32.9	0.0	0.0	1.0	16.2	95.4	527.3
Other	176	1	1	0	15	43	116	19.1	0.1	0.3	0.0	10.1	46.1	325.4
External causes of morbidity and mortality	315	2	66	78	61	37	71	34.1	0.2	18.7	26.5	41.1	39.7	199.2
Accidents	210	1	34	44	45	23	62	22.7	0.1	9.7	15.0	30.3	24.6	173.9
Intentional self-harm (Suicide)	59	0	12	22	10	10	5	6.4	0.0	3.4	7.5	6.7	10.7	14.0
Assault (Homicide)	31	0	18	11	2	0	0	3.4	0.0	5.1	3.7	1.3	0.0	0.0
Legal intervention and operations of war	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care	6	0	0	0	2	1	3	0.6	0.0	0.0	0.0	1.3	1.1	8.4
Supplementary factors related to causes of morbidity and mortality	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	9	1	2	1	2	2	1	1.0	0.1	0.6	0.3	1.3	2.1	2.8
Certain infectious and parasitic diseases	282	1	2	25	50	64	140	30.5	0.1	0.6	8.5	33.7	68.6	392.7
Tuberculosis	3	0	0	0	0	0	3	0.3	0.0	0.0	0.0	0.0	0.0	8.4
Septicemia	192	1	1	9	19	46	116	20.8	0.1	0.3	3.1	12.8	49.3	325.4
Viral hepatitis	16	0	0	5	8	1	2	1.7	0.0	0.0	1.7	5.4	1.1	5.6
Human immunodeficiency virus [HIV] disease	35	0	1	9	21	3	1	3.8	0.0	0.3	3.1	14.1	3.2	2.8
Other	36	0	0	2	2	14	18	3.9	0.0	0.0	0.7	1.3	15.0	50.5
Diseases of the nervous system	239	1	2	3	17	59	157	25.9	0.1	0.6	1.0	11.4	63.2	440.4
Parkinson's disease	60	0	0	0	1	20	39	6.5	0.0	0.0	0.0	0.7	21.4	109.4
Alzheimer's disease	111	0	0	0	0	16	95	12.0	0.0	0.0	0.0	0.0	17.1	266.5
Other	68	1	2	3	16	23	23	7.4	0.1	0.6	1.0	10.8	24.6	64.5
Diseases of the digestive system	220	4	3	13	43	50	107	23.8	0.3	0.9	4.4	29.0	53.6	300.1
Gastritis, Enteritis, Colitis, Diverticulitis	28	3	0	0	5	7	13	3.0	0.3	0.0	0.0	3.4	7.5	36.5
Diseases of liver	59	1	0	9	26	15	8	6.4	0.1	0.0	3.1	17.5	16.1	22.4
<i>Chronic liver diseases, including Cirrhosis</i>	54	0	0	8	24	15	7	5.8	0.0	0.0	2.7	16.2	16.1	19.6
<i>Other</i>	5	1	0	1	2	0	1	0.5	0.1	0.0	0.3	1.3	0.0	2.8
Other	133	0	3	4	12	28	86	14.4	0.0	0.9	1.4	8.1	30.0	241.2

(continued)

Table 23. Number of Deaths and Death Rates by Selected Causes and Age Group, Westchester County, 2008 (continued)

Cause of Death	Number of Deaths							Death Rate ¹ (per 100,000 population)						
	Total	<1	1-29	30-49	50-64	65-79	80+	Total	<1	1-29	30-49	50-64	65-79	80+
Endocrine, nutritional and metabolic diseases	192	2	2	4	25	61	98	20.8	0.2	0.6	1.4	16.8	65.4	274.9
Diabetes mellitus	133	0	0	3	19	43	68	14.4	0.0	0.0	1.0	12.8	46.1	190.7
Other	59	2	2	1	6	18	30	6.4	0.2	0.6	0.3	4.0	19.3	84.2
Diseases of the genitourinary system	171	1	1	3	17	47	102	18.5	0.1	0.3	1.0	11.4	50.4	286.1
Kidney diseases	125	1	1	3	14	32	74	13.5	0.1	0.3	1.0	9.4	34.3	207.6
<i>Nephritis, Nephrotic Syndrome and Nephrosis</i>	114	1	1	3	13	28	68	12.3	0.1	0.3	1.0	8.8	30.0	190.7
<i>Other</i>	11	0	0	0	1	4	6	1.2	0.0	0.0	0.0	0.7	4.3	16.8
Other	46	0	0	0	3	15	28	5.0	0.0	0.0	0.0	2.0	16.1	78.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	63	5	3	5	14	10	26	6.8	0.4	0.9	1.7	9.4	10.7	72.9
Sudden Infant Death Syndrome	3	3	0	0	0	0	0	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Other	60	2	3	5	14	10	26	6.5	0.2	0.9	1.7	9.4	10.7	72.9
Certain conditions originating in the perinatal period	32	32	0	0	0	0	0	3.5	2.8	0.0	0.0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities	18	10	1	3	3	1	0	1.9	0.9	0.3	1.0	2.0	1.1	0.0
Other	276	0	4	11	20	35	206	29.9	0.0	1.1	3.7	13.5	37.5	577.8

¹For infants under one year of age, the rate is calculated as per 1,000 live births (defined as infant mortality).

Source: New York State Department of Health.

Table 24. Number of Deaths and Death Rates by Selected Causes and Race/Ethnicity, Westchester County, 2008

Cause of Death	Number of Deaths					Death Rate (per 100,000 population)				
	Total ¹	White	Black	Other	Hispanic ²	Total	White	Black	Other	Hispanic ²
Total	6,838	5,700	831	307	379	740.5	865.1	633.7	230.0	263.0
Diseases of the circulatory system	2,639	2,216	318	105	104	285.8	336.3	242.5	78.7	72.2
Diseases of the Heart	2,153	1,812	251	90	76	233.1	275.0	191.4	67.4	52.7
Cerebrovascular diseases	316	259	45	12	22	34.2	39.3	34.3	9.0	15.3
Other	170	145	22	3	6	18.4	22.0	16.8	2.2	4.2
Neoplasms	1,742	1,457	221	64	95	188.6	221.1	168.5	48.0	65.9
Malignant neoplasms	1,698	1,418	217	63	94	183.9	215.2	165.5	47.2	65.2
In situ neoplasms	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Benign neoplasms	1	1	0	0	0	0.1	0.2	0.0	0.0	0.0
Neoplasms of uncertain or unknown behaviour	43	38	4	1	1	4.7	5.8	3.1	0.7	0.7
Diseases of the respiratory system	649	572	61	16	27	70.3	86.8	46.5	12.0	18.7
Influenza	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Pneumonia	169	147	15	7	7	18.3	22.3	11.4	5.2	4.9
Chronic lower respiratory diseases	304	271	31	2	10	32.9	41.1	23.6	1.5	6.9
Other	176	154	15	7	10	19.1	23.4	11.4	5.2	6.9
External causes of morbidity and mortality	315	239	46	30	41	34.1	36.3	35.1	22.5	28.4
Accidents	210	166	24	19	28	22.7	25.2	18.3	14.2	19.4
Intentional self-harm (Suicide)	59	50	2	7	9	6.4	7.6	1.5	5.2	6.2
Assault (Homicide)	31	8	19	4	3	3.4	1.2	14.5	3.0	2.1
Legal intervention and operations of war	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care	6	5	1	0	0	0.6	0.8	0.8	0.0	0.0
Supplementary factors related to causes of morbidity and mortality	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Other	9	9	0	0	1	1.0	1.4	0.0	0.0	0.7
Certain infectious and parasitic diseases	282	225	40	17	23	30.5	34.1	30.5	12.7	16.0
Tuberculosis	3	3	0	0	1	0.3	0.5	0.0	0.0	0.7
Septicemia	192	165	18	9	10	20.8	25.0	13.7	6.7	6.9
Viral hepatitis	16	14	1	1	3	1.7	2.1	0.8	0.7	2.1
Human immunodeficiency virus [HIV] disease	35	15	16	4	5	3.8	2.3	12.2	3.0	3.5
Other	36	28	5	3	4	3.9	4.2	3.8	2.2	2.8
Diseases of the nervous system	239	213	17	9	7	25.9	32.3	13.0	6.7	4.9
Parkinson's disease	60	55	3	2	3	6.5	8.3	2.3	1.5	2.1
Alzheimer's disease	111	105	3	3	2	12.0	15.9	2.3	2.2	1.4
Other	68	53	11	4	2	7.4	8.0	8.4	3.0	1.4
Diseases of the digestive system	220	178	27	15	21	23.8	27.0	20.6	11.2	14.6
Gastritis, Enteritis, Colitis, Diverticulities	28	20	8	0	1	3.0	3.0	6.1	0.0	0.7
Diseases of liver	59	51	4	4	11	6.4	7.7	3.1	3.0	7.6
<i>Chronic liver diseases, including Cirrhosis</i>	54	48	2	4	10	5.8	7.3	1.5	3.0	6.9
<i>Other</i>	5	3	2	0	1	0.5	0.5	1.5	0.0	0.7
Other	133	107	15	11	9	14.4	16.2	11.4	8.2	6.2
Endocrine, nutritional and metabolic diseases	192	143	34	15	19	20.8	21.7	25.9	11.2	13.2
Diabetes mellitus	133	96	26	11	14	14.4	14.6	19.8	8.2	9.7
Other	59	47	8	4	5	6.4	7.1	6.1	3.0	3.5

(continued)

Table 24. Number of Deaths and Death Rates by Selected Causes and Race/Ethnicity, Westchester County, 2008 (continued)

Cause of Death	Number of Deaths					Death Rate (per 100,000 population)				
	Total ¹	White	Black	Other	Hispanic ²	Total	White	Black	Other	Hispanic ²
Diseases of the genitourinary system	171	135	26	10	9	18.5	20.5	19.8	7.5	6.2
Kidney diseases	125	98	20	7	6	13.5	14.9	15.3	5.2	4.2
<i>Nephritis, Nephrotic Syndrome and Nephrosis</i>	114	90	19	5	6	12.3	13.7	14.5	3.7	4.2
<i>Other</i>	11	8	1	2	0	1.2	1.2	0.8	1.5	0.0
Other	46	37	6	3	3	5.0	5.6	4.6	2.2	2.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	63	56	4	3	8	6.8	8.5	3.1	2.2	5.6
Sudden Infant Death Syndrome	3	1	1	1	1	0.3	0.2	0.8	0.7	0.7
Other	60	55	3	2	7	6.5	8.3	2.3	1.5	4.9
Certain conditions originating in the perinatal period	32	19	10	3	9	3.5	2.9	7.6	2.2	6.2
Congenital malformations, deformations and chromosomal abnormalities	18	9	2	7	6	1.9	1.4	1.5	5.2	4.2
Other	276	238	25	13	10	29.9	36.1	19.1	9.7	6.9

¹Totals include unknown race.

²Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 25. Number and Percentage of Deaths Due to Diseases of the Circulatory System by Age Group, Westchester County, 2008

Disease Category	Total	Age				Percentage				
		0-49	50-64	65-79	80+	Total	0-49	50-64	65-79	80+
Total	2,639	75	233	529	1,802	100.0	100.0	100.0	100.0	100.0
Diseases of the Heart	2,153	56	186	433	1,478	81.6	74.7	79.8	81.9	82.0
Ischaemic heart diseases	1,543	26	120	310	1087	58.5	34.7	51.5	58.6	60.3
Acute myocardial infarction	385	13	28	88	256	14.6	17.3	12.0	16.6	14.2
Chronic ischaemic heart disease	1,146	13	92	220	821	43.4	17.3	39.5	41.6	45.6
Other	12	0	0	2	10	0.5	0.0	0.0	0.4	0.6
Other forms of heart disease	457	22	39	83	313	17.3	29.3	16.7	15.7	17.4
Nonrheumatic aortic valve disorders	48	0	5	5	38	1.8	0.0	2.1	0.9	2.1
Cardiomyopathy	51	4	5	17	25	1.9	5.3	2.1	3.2	1.4
Cardiac arrest	39	2	4	12	21	1.5	2.7	1.7	2.3	1.2
Atrial fibrillation and flutter	64	0	2	11	51	2.4	0.0	0.9	2.1	2.8
Heart failure	163	3	4	22	134	6.2	4.0	1.7	4.2	7.4
Other	92	13	19	16	44	3.5	17.3	8.2	3.0	2.4
Hypertension with Heart Disease	102	3	20	26	53	3.9	4.0	8.6	4.9	2.9
Pulmonary heart disease and diseases of pulmonary circulation	27	2	4	6	15	1.0	2.7	1.7	1.1	0.8
Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	12	3	2	3	4	0.5	4.0	0.9	0.6	0.2
Chronic rheumatic heart diseases	12	0	1	5	6	0.5	0.0	0.4	0.9	0.3
Acute rheumatic fever	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Cerebrovascular diseases	316	16	28	57	215	12.0	21.3	12.0	10.8	11.9
Intracerebral haemorrhage	53	6	10	10	27	2.0	8.0	4.3	1.9	1.5
Stroke, not specified as haemorrhage or infarction	177	1	12	30	134	6.7	1.3	5.2	5.7	7.4
Other	86	9	6	17	54	3.3	12.0	2.6	3.2	3.0
Hypertension with or without Renal Disease	91	0	12	23	56	3.4	0.0	5.2	4.3	3.1
Diseases of arteries, arterioles and capillaries	76	3	6	15	52	2.9	4.0	2.6	2.8	2.9
Atherosclerosis	35	1	2	5	27	1.3	1.3	0.9	0.9	1.5
Aortic aneurysm and dissection	24	1	1	7	15	0.9	1.3	0.4	1.3	0.8
Other	17	1	3	3	10	0.6	1.3	1.3	0.6	0.6
Other and unspecified disorders of the circulatory system	3	0	1	1	1	0.1	0.0	0.4	0.2	0.1

Source: New York State Department of Health.

Table 26. Number and Percentage of Deaths Due to Diseases of the Circulatory System by Sex, Westchester County, 2008

Disease Category	Total	Female	Male	Percentage		
				Total	Female	Male
Total	2,639	1,441	1,198	100.0	100.0	100.0
Diseases of the Heart	2,153	1,174	979	81.6	81.5	81.7
Ischaemic heart diseases	1,543	824	719	58.5	57.2	60.0
Acute myocardial infarction	385	204	181	14.6	14.2	15.1
Chronic ischaemic heart disease	1,146	612	534	43.4	42.5	44.6
Other	12	8	4	0.5	0.6	0.3
Other forms of heart disease	457	268	189	17.3	18.6	15.8
Nonrheumatic aortic valve disorders	48	28	20	1.8	1.9	1.7
Cardiomyopathy	51	21	30	1.9	1.5	2.5
Cardiac arrest	39	27	12	1.5	1.9	1.0
Atrial fibrillation and flutter	64	43	21	2.4	3.0	1.8
Heart failure	163	97	66	6.2	6.7	5.5
Other	92	52	40	3.5	3.6	3.3
Hypertension with Heart Disease	102	51	51	3.9	3.5	4.3
Pulmonary heart disease and diseases of pulmonary circulation	27	18	9	1.0	1.2	0.8
Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	12	5	7	0.5	0.3	0.6
Chronic rheumatic heart diseases	12	8	4	0.5	0.6	0.3
Acute rheumatic fever	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases	316	178	138	12.0	12.4	11.5
Intracerebral haemorrhage	53	27	26	2.0	1.9	2.2
Stroke, not specified as haemorrhage or infarction	177	108	69	6.7	7.5	5.8
Other	86	43	43	3.3	3.0	3.6
Hypertension with or without Renal Disease	91	49	42	3.4	3.4	3.5
Diseases of arteries, arterioles and capillaries	76	38	38	2.9	2.6	3.2
Atherosclerosis	35	21	14	1.3	1.5	1.2
Aortic aneurysm and dissection	24	9	15	0.9	0.6	1.3
Other	17	8	9	0.6	0.6	0.8
Other and unspecified disorders of the circulatory system	3	2	1	0.1	0.1	0.1

Source: New York State Department of Health.

Table 27. Number and Percentage of Deaths Due to Diseases of the Circulatory System by Race/Ethnicity, Westchester

Disease Category	Total ¹	White	Black	Other	Hispanic ²	Percentage				
						Total	White	Black	Other	Hispanic ²
Total	2,639	2,216	318	105	104	100.0	100.0	100.0	100.0	100.0
Diseases of the Heart	2,153	1,812	251	90	76	81.6	81.8	78.9	85.7	73.1
Ischaemic heart diseases	1,543	1,319	166	58	49	58.5	59.5	52.2	55.2	47.1
Acute myocardial infarction	385	336	42	7	9	14.6	15.2	13.2	6.7	8.7
Chronic ischaemic heart disease	1,146	973	122	51	40	43.4	43.9	38.4	48.6	38.5
Other	12	10	2	0	0	0.5	0.5	0.6	0.0	0.0
Other forms of heart disease	457	384	51	22	20	17.3	17.3	16.0	21.0	19.2
Nonrheumatic aortic valve disorders	48	46	1	1	0	1.8	2.1	0.3	1.0	0.0
Cardiomyopathy	51	40	7	4	4	1.9	1.8	2.2	3.8	3.8
Cardiac arrest	39	31	6	2	2	1.5	1.4	1.9	1.9	1.9
Atrial fibrillation and flutter	64	58	4	2	2	2.4	2.6	1.3	1.9	1.9
Heart failure	163	146	12	5	6	6.2	6.6	3.8	4.8	5.8
Other	92	63	21	8	6	3.5	2.8	6.6	7.6	5.8
Hypertension with Heart Disease	102	71	24	7	6	3.9	3.2	7.5	6.7	5.8
Pulmonary heart disease and diseases of pulmonary circulation	27	22	4	1	1	1.0	1.0	1.3	1.0	1.0
Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	12	5	5	2	0	0.5	0.2	1.6	1.9	0.0
Chronic rheumatic heart diseases	12	11	1	0	0	0.5	0.5	0.3	0.0	0.0
Acute rheumatic fever	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Cerebrovascular diseases	316	259	45	12	22	12.0	11.7	14.2	11.4	21.2
Intracerebral haemorrhage	53	38	12	3	3	2.0	1.7	3.8	2.9	2.9
Stroke, not specified as haemorrhage or infarction	177	152	20	5	14	6.7	6.9	6.3	4.8	13.5
Other	86	69	13	4	5	3.3	3.1	4.1	3.8	4.8
Hypertension with or without Renal Disease	91	75	15	1	5	3.4	3.4	4.7	1.0	4.8
Diseases of arteries, arterioles and capillaries	76	69	5	2	1	2.9	3.1	1.6	1.9	1.0
Atherosclerosis	35	34	1	0	0	1.3	1.5	0.3	0.0	0.0
Aortic aneurysm and dissection	24	21	2	1	0	0.9	0.9	0.6	1.0	0.0
Other	17	14	2	1	1	0.6	0.6	0.6	1.0	1.0
Other and unspecified disorders of the circulatory system	3	1	2	0	0	0.1	0.0	0.6	0.0	0.0

¹Totals include unknown race.

²Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 28. Number and Percentage of Deaths Due to Neoplasms by Age, Westchester County, 2008

Disease Category	Total ¹	Age				Percentage				
		0-49	50-64	65-79	80+	Total	0-49	50-64	65-79	80+
Total	1,742	98	364	653	627	100.0	100.0	100.0	100.0	100.0
Malignant neoplasms	1,698	94	359	638	607	97.5	95.9	98.6	97.7	96.8
Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue	1,427	74	308	539	506	81.9	75.5	84.6	82.5	80.7
Digestive organs	452	21	112	158	161	25.9	21.4	30.8	24.2	25.7
Esophagus	44	5	14	17	8	2.5	5.1	3.8	2.6	1.3
Stomach	42	3	13	9	17	2.4	3.1	3.6	1.4	2.7
Colorectal	168	10	29	55	74	9.6	10.2	8.0	8.4	11.8
<i>Colon</i>	<i>139</i>	<i>8</i>	<i>21</i>	<i>46</i>	<i>64</i>	<i>8.0</i>	<i>8.2</i>	<i>5.8</i>	<i>7.0</i>	<i>10.2</i>
<i>Colorectal excluding colon</i>	<i>29</i>	<i>2</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>1.7</i>	<i>2.0</i>	<i>2.2</i>	<i>1.4</i>	<i>1.6</i>
Liver and intrahepatic bile duct	54	0	20	18	16	3.1	0.0	5.5	2.8	2.6
Pancreas	118	3	30	50	35	6.8	3.1	8.2	7.7	5.6
Other	26	0	6	9	11	1.5	0.0	1.6	1.4	1.8
Respiratory and intrathoracic organs	447	17	89	195	146	25.7	17.3	24.5	29.9	23.3
Bronchus and lung	435	17	85	194	139	25.0	17.3	23.4	29.7	22.2
Other	12	0	4	1	7	0.7	0.0	1.1	0.2	1.1
Breast	137	20	41	43	33	7.9	20.4	11.3	6.6	5.3
Male genital organs	100	1	4	35	60	5.7	1.0	1.1	5.4	9.6
Prostate	98	0	4	34	60	5.6	0.0	1.1	5.2	9.6
Other	2	1	0	1	0	0.1	1.0	0.0	0.2	0.0
Female genital organs	98	3	20	40	35	5.6	3.1	5.5	6.1	5.6
Ovary	36	0	7	14	15	2.1	0.0	1.9	2.1	2.4
Other	62	3	13	26	20	3.6	3.1	3.6	4.0	3.2
Urinary tract	74	1	9	29	35	4.2	1.0	2.5	4.4	5.6
Kidney and renal pelvis	22	1	6	7	8	1.3	1.0	1.6	1.1	1.3
Bladder	49	0	3	20	26	2.8	0.0	0.8	3.1	4.1
Other	3	0	0	2	1	0.2	0.0	0.0	0.3	0.2
Eye, brain and other parts of central nervous system	36	7	12	7	10	2.1	7.1	3.3	1.1	1.6
Brain	35	7	12	7	9	2.0	7.1	3.3	1.1	1.4
Other	1	0	0	0	1	0.1	0.0	0.0	0.0	0.2
Skin	30	0	6	11	13	1.7	0.0	1.6	1.7	2.1
Mesothelial and soft tissue	28	2	5	12	9	1.6	2.0	1.4	1.8	1.4
Lip, oral cavity and pharynx	20	1	8	8	3	1.1	1.0	2.2	1.2	0.5
Thyroid and other endocrine glands	5	1	2	1	1	0.3	1.0	0.5	0.2	0.2
Bone and articular cartilage	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	165	13	28	60	64	9.5	13.3	7.7	9.2	10.2
Hodgkin's disease	1	0	1	0	0	0.1	0.0	0.3	0.0	0.0
Non-Hodgkin's lymphomas	70	6	12	26	26	4.0	6.1	3.3	4.0	4.1
Multiple myeloma and malignant plasma cell neoplasms	31	0	4	15	12	1.8	0.0	1.1	2.3	1.9
Leukemia	62	7	11	19	25	3.6	7.1	3.0	2.9	4.0
Other	1	0	0	0	1	0.1	0.0	0.0	0.0	0.2
Malignant neoplasms of ill-defined, secondary and unspecified sites	95	6	20	34	35	5.5	6.1	5.5	5.2	5.6
Malignant neoplasms of independent (primary) multiple sites	11	1	3	5	2	0.6	1.0	0.8	0.8	0.3
Neoplasms of uncertain or unknown behavior	43	4	5	14	20	2.5	4.1	1.4	2.1	3.2
Benign neoplasms	1	0	0	1	0	0.1	0.0	0.0	0.2	0.0
In situ neoplasms	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

¹ Totals include deaths of unknown race.

² Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 29. Number and Percentage of Deaths Due to Neoplasms by Age and Group of Sex, Westchester County, 2008

Disease Category	Total ¹			Percentage		
		Female	Male	Total	Female	Male
Total	1,742	908	834	100.0	100.0	100.0
Malignant neoplasms	1,698	881	817	97.5	97.0	98.0
Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue	1,427	750	677	81.9	82.6	81.2
Digestive organs	452	209	243	25.9	23.0	29.1
Esophagus	44	12	32	2.5	1.3	3.8
Stomach	42	18	24	2.4	2.0	2.9
Colorectal	168	93	75	9.6	10.2	9.0
<i>Colon</i>	139	80	59	8.0	8.8	7.1
<i>Colorectal excluding colon</i>	29	13	16	1.7	1.4	1.9
Liver and intrahepatic bile duct	54	16	38	3.1	1.8	4.6
Pancreas	118	55	63	6.8	6.1	7.6
Other	26	15	11	1.5	1.7	1.3
Respiratory and intrathoracic organs	447	225	222	25.7	24.8	26.6
Bronchus and lung	435	222	213	25.0	24.4	25.5
Other	12	3	9	0.7	0.3	1.1
Breast	137	136	1	7.9	15.0	0.1
Male genital organs	100	0	100	5.7	0.0	12.0
Prostate	98	0	98	5.6	0.0	11.8
Other	2	0	2	0.1	0.0	0.2
Female genital organs	98	98	0	5.6	10.8	0.0
Ovary	36	36	0	2.1	4.0	0.0
Other	62	62	0	3.6	6.8	0.0
Urinary tract	74	35	39	4.2	3.9	4.7
Kidney and renal pelvis	22	15	7	1.3	1.7	0.8
Bladder	49	19	30	2.8	2.1	3.6
Other	3	1	2	0.2	0.1	0.2
Eye, brain and other parts of central nervous system	36	15	21	2.1	1.7	2.5
Brain	35	15	20	2.0	1.7	2.4
Other	1	0	1	0.1	0.0	0.1
Skin	30	12	18	1.7	1.3	2.2
Mesothelial and soft tissue	28	11	17	1.6	1.2	2.0
Lip, oral cavity and pharynx	20	7	13	1.1	0.8	1.6
Thyroid and other endocrine glands	5	2	3	0.3	0.2	0.4
Bone and articular cartilage	0	0	0	0.0	0.0	0.0
Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	165	76	89	9.5	8.4	10.7
Hodgkin's disease	1	1	0	0.1	0.1	0.0
Non-Hodgkin's lymphomas	70	33	37	4.0	3.6	4.4
Multiple myeloma and malignant plasma cell neoplasms	31	16	15	1.8	1.8	1.8
Leukemia	62	25	37	3.6	2.8	4.4
Other	1	1	0	0.1	0.1	0.0
Malignant neoplasms of ill-defined, secondary and unspecified sites	95	52	43	5.5	5.7	5.2
Malignant neoplasms of independent (primary) multiple sites	11	3	8	0.6	0.3	1.0
Neoplasms of uncertain or unknown behavior	43	27	16	2.5	3.0	1.9
Benign neoplasms	1	0	1	0.1	0.0	0.1
In situ neoplasms	0	0	0	0.0	0.0	0.0

¹ Totals include deaths of unknown race.

² Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Table 30. Number and Percentage of Deaths Due to Neoplasms by Race/Ethnicity, Westchester County, 2008

Disease Category	Total ¹	White	Black	Other	Hispanic ²	Percentage				
						Total	White	Black	Other	Hispanic ²
Total	1,742	1,457	221	64	95	100.0	100.0	100.0	100.0	100.0
Malignant neoplasms	1,698	1,418	217	63	94	97.5	97.3	98.2	98.4	98.9
Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue	1,427	1,191	183	53	77	81.9	81.7	82.8	82.8	81.1
Digestive organs	452	370	60	22	29	25.9	25.4	27.1	34.4	30.5
Esophagus	44	36	7	1	2	2.5	2.5	3.2	1.6	2.1
Stomach	42	29	10	3	5	2.4	2.0	4.5	4.7	5.3
Colorectal	168	145	15	8	17	9.6	10.0	6.8	12.5	17.9
<i>Colon</i>	<i>139</i>	<i>119</i>	<i>13</i>	<i>7</i>	<i>11</i>	<i>8.0</i>	<i>8.2</i>	<i>5.9</i>	<i>10.9</i>	<i>11.6</i>
<i>Colorectal excluding colon</i>	<i>29</i>	<i>26</i>	<i>2</i>	<i>1</i>	<i>6</i>	<i>1.7</i>	<i>1.8</i>	<i>0.9</i>	<i>1.6</i>	<i>6.3</i>
Liver and Intrahepatic bile duct	54	39	12	3	1	3.1	2.7	5.4	4.7	1.1
Pancreas	118	100	13	5	3	6.8	6.9	5.9	7.8	3.2
Other	26	21	3	2	1	1.5	1.4	1.4	3.1	1.1
Respiratory and intrathoracic organs	447	383	53	11	15	25.7	26.3	24.0	17.2	15.8
Larynx	9	7	1	1	1	0.5	0.5	0.5	1.6	1.1
Bronchus and lung	435	373	52	10	14	25.0	25.6	23.5	15.6	14.7
Other	3	3	0	0	0	0.2	0.2	0.0	0.0	0.0
Breast	137	111	20	6	5	7.9	7.6	9.0	9.4	5.3
Male genital organs	100	82	14	4	7	5.7	5.6	6.3	6.3	7.4
Prostate	98	80	14	4	6	5.6	5.5	6.3	6.3	6.3
Other	2	2	0	0	1	0.1	0.1	0.0	0.0	1.1
Female genital organs	98	75	17	6	12	5.6	5.1	7.7	9.4	12.6
Ovary	36	31	3	2	4	2.1	2.1	1.4	3.1	4.2
Other	62	44	14	4	8	3.6	3.0	6.3	6.3	8.4
Urinary tract	74	68	6	0	2	4.2	4.7	2.7	0.0	2.1
Kidney and renal pelvis	22	18	4	0	1	1.3	1.2	1.8	0.0	1.1
Bladder	49	47	2	0	1	2.8	3.2	0.9	0.0	1.1
Other	3	3	0	0	0	0.2	0.2	0.0	0.0	0.0
Eye, brain and other parts of central nervous system	36	33	2	1	3	2.1	2.3	0.9	1.6	3.2
Brain	35	32	2	1	3	2.0	2.2	0.9	1.6	3.2
Other	1	1	0	0	0	0.1	0.1	0.0	0.0	0.0
Skin	30	28	1	1	1	1.7	1.9	0.5	1.6	1.1
Mesothelial and soft tissue	28	25	3	0	0	1.6	1.7	1.4	0.0	0.0
Lip, oral cavity and pharynx	20	13	5	2	3	1.1	0.9	2.3	3.1	3.2
Thyroid and other endocrine glands	5	3	2	0	0	0.3	0.2	0.9	0.0	0.0
Bone and articular cartilage	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	165	139	18	8	9	9.5	9.5	8.1	12.5	9.5
Hodgkin's disease	1	1	0	0	0	0.1	0.1	0.0	0.0	0.0
Non-Hodgkin's lymphomas	70	63	4	3	6	4.0	4.3	1.8	4.7	6.3
Multiple myeloma and malignant plasma cell neoplasms	31	21	8	2	0	1.8	1.4	3.6	3.1	0.0
Leukemia	62	54	5	3	3	3.6	3.7	2.3	4.7	3.2
Other	1	0	1	0	0	0.1	0.0	0.5	0.0	0.0
Malignant neoplasms of ill-defined, secondary and unspecified sites	95	78	16	1	7	5.5	5.4	7.2	1.6	7.4
Malignant neoplasms of independent (primary) multiple sites	11	10	0	1	1	0.6	0.7	0.0	1.6	1.1
Neoplasms of uncertain or unknown behavior	43	38	4	1	1	2.5	2.6	1.8	1.6	1.1
Benign neoplasms	1	1	0	0	0	0.1	0.1	0.0	0.0	0.0
In situ neoplasms	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

¹ Totals include deaths of unknown race.

² Hispanic is an ethnic group and may be of any race. Therefore, Hispanics are also reported in the race categories.

Source: New York State Department of Health.

Appendices

Appendix 1. Data Sources and Definitions for Vital Statistics

The vital statistics presented in this report are based on the certificate records of live births, deaths, and fetal deaths of Westchester County residents in the United States. The source of this information is the New York State Department of Health (NYSDOH) and the New York City Department of Health and Mental Hygiene (data accessed as of May 2010). The most current vital statistics data available is for 2008.

Beginning on January 1, 2004, the NYSDOH implemented a web-based registration of all live birth certificates for all counties of New York State excluding New York City. Web-based live birth certificates were revised to incorporate National Center of Health Statistics (NCHS) guidelines. These changes applied only to New York State hospitals exclusive of New York City area. New York City continues to use the older version of the live birth certificate.

Race: For the live birth years 2004 onward, racial categories were defined by the 2000 US Census Bureau guidelines. This format allows for more than one race to be selected among multiple race categories, and also has the new categories of White Alone and Black Alone, which are exclusive of any other race categories. The definition for “Other” race in our vital statistics includes the 2000 US Census Bureau racial categories of “Other Race”, “American Indian”, “Asian”, “Native Hawaiian or Other Pacific Islander”, and “Two or More Races”. This change in the format of race coding is the reason for the apparent decrease of whites and blacks and the apparent increase in people of ‘other’ race in live birth data from 2004 onwards (Vital Statistics of New York State 2004, Technical Notes, New York State Department of Health).

Live Births: A live birth is defined as "the complete expulsion or extraction from its mother of a product of conception, irrespective of duration of pregnancy, which, after such separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached" (Vital Statistics of New York State 1999, New York State Department of Health).

Birth Rate: Annual number of live births per 1,000 total population.

Infant Birthweight: Infant Birthweight is grouped as very low birthweight (less than 1,500 grams), low birthweight (1,500 to 2,499 grams), and normal birthweight (2,500 grams or more).

Gestation Weeks: Gestation weeks are grouped as premature birth (less than 37 weeks gestational period), and normal length of gestation (gestational period of 37 weeks or more).

Time Starting Prenatal Care: Time starting prenatal care is measured by the number of months of the pregnancy at the time prenatal care was initiated.

Maternal Exposure to Smoking During Pregnancy: Mother used any tobacco products during pregnancy. This is self-reported.

Maternal Exposure to Illicit Drug Use During Pregnancy: Mother used any of the following: cocaine, crack, heroin, methadone, marijuana, amphetamines, or un-prescribed sedatives during pregnancy. This is self-reported.

Fetal Deaths: A fetal death is defined as "the death prior to the complete expulsion or extraction from its mother of a product of conception; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles" (*Vital Statistics of New York State 1999*, New York State Department of Health). New York State Public Health Law requires the registration of all fetal deaths regardless of the length of gestation of the fetus.

Induced Abortions: Induced abortions include the operative procedures of "dilation and curettage (D&C), suction and curettage, dilation and evacuation (D&E), saline injection, prostaglandin injection, medical (non-surgical) and other which includes hysterectomy, hysterotomy and other procedures" (*Vital Statistics of New York State 2000*, New York State Department of Health).

Mother's Country/Region of Origin:

- The Caribbean Region includes Antigua and Barbuda, the Antilles, the Bahamas, Barbados, Cuba, Dominica, Dominican Republic, Guyana, Haiti, Jamaica, Montserrat, Nevis & St. Christopher, Puerto Rico, St. Lucia, St. Martin, Trinidad, and the Virgin Isles.
- Central and South America includes the countries of Argentina, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Paraguay, Peru, Uruguay, and Venezuela.
- Countries of Asia include Afghanistan, Bangladesh, Cambodia, China, Hong Kong, Indonesia, India, Iran, Israel, Japan, Jordan, North Korea, Kuwait, Laos, Lebanon, Nepal, Pakistan, Palestine, the Philippines, Saudi Arabia, Sri Lanka, Syria, Taiwan, Thailand, Turkey, Vietnam, and Yemen.
- The region of Europe, Canada, and Australia includes the countries of Albania, Armenia, Austria, Belarus, Belgium, Bosnia, Bulgaria, Croatia, Czechoslovakia, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, the Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, Ukraine, the United Kingdom, and Yugoslavia. Canada, Australia, and New Zealand are also included in this geographic region.
- Africa includes the countries of Algeria, Angola, Burkina Faso, Cameroon, Central African Republic, Chad, Côte D'Ivoire, the Democratic Republic of Congo, Egypt, Ethiopia, Gabon, Gambia, Ghana, Kenya, Liberia, Morocco, Mozambique, Nigeria, Senegal, Sierra Leone, South Africa, Swaziland, Tanzania, Uganda, Zambia, and Zimbabwe.

Causes of Deaths: In this report, the cause of death is the underlying cause classified according to the International Classification of Diseases (ICD), Tenth Revision.

Infant Mortality Rate: Annual number of deaths under one year of age per 1,000 live births occurring during the year.

Death Rate: Annual number of deaths per 100,000 total population.

Appendix 2. Technical Notes

Basic data analysis was conducted with SPSS v15.1 and Microsoft Excel.

Statistical tests are performed to assess if differences observed between two or more figures may have occurred by chance. Hypothesis tests for means (averages) were performed using either a Student's T-test or One-Way ANOVA at the 0.05 level of significance. For simultaneous comparison of more than two means the Bonferroni method was used for groups with equal variances (to allow for differences in sample sizes). Dunnett's T3 multiple comparisons test was used for groups with unequal variances. Hypothesis test for proportions (or percentages) were performed using one-sample or two-sample z-tests. Only statistically significant differences were reported.

Appendix 3. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Death

Diseases Category	Reported in Databook 2010	Reported in Databooks prior to 2010
Certain infectious and parasitic diseases	A00-B99	NR ¹
Tuberculosis	A15-A19	A16-A19
Septicemia	A40-A41	S ²
Viral hepatitis	B15-B19	NR
Human immunodeficiency virus [HIV] disease	B20-B24	S
Neoplasms	C00-D48	NR
Malignant neoplasms	C00-C97	S
In situ neoplasms	D00-D09	NR
Benign neoplasms	D10-D36	NR
Neoplasms of uncertain or unknown behaviour	D37-D48	NR
Endocrine, nutritional and metabolic diseases	E00-E90	NR
Diabetes mellitus	E10-E14	S
Diseases of the nervous system	G00-G99	NR
Parkinson's disease	G20-G21	NR
Alzheimer's disease	G30	NR
Diseases of the circulatory system	I00-I99	S
Diseases of the Heart	I00-I09,I11,I13-I15,I80-I89	S
Cerebrovascular diseases	I60-I69	S
Other	I10,I12, I70-I79, I90-I99	S
Diseases of the respiratory system	J00-J99	NR
Influenza	J10-J11	S
Pneumonia	J12-J18	S
Chronic lower respiratory diseases	J40-J47	S
Diseases of the digestive system	K00-K93	NR
Gastritis, Enteritis, Colitis, Diverticulities	K29,K50-K52,K57	S
Diseases of liver	K70-K77	NR
Chronic liver diseases, including Cirrhosis	K70,K73-K74	S
Diseases of the genitourinary system	N00-N99	NR
Kidney diseases	N00-N29	NR
Nephritis, Nephrotic, Colitis, Diverticulitis	N00-N07,N17-N19,N25-N27	S
Certain conditions originating in the perinatal period	P00-P96	S
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	S
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	NR
Sudden Infant Death Syndrome	R95	S
External causes of morbidity and mortality	V01-Y98	NR
Accidents	V01-X59, Y85-Y86	S
Intentional self-harm (Suicide)	X60-X84, Y87.0	S
Assault (Homicide)	X85-Y09, Y35,Y87.1,Y89.0	S
Legal intervention and operations of war	Y36	S
Complications of medical and surgical care	Y40-Y84	S
Sequelae of external causes of morbidity and mortality	Y87.2-Y88.9	S
Supplementary factors related to causes of morbidity and mortality	Y90-Y98	S
Other	D50-D89, F00-F99, H00-H95,L00-L99,M00-M99, O00-O99, Z00-Z99, U00-U99	NR

1. Not reported before.

2. Same.

Appendix 4. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Death due to Diseases of the Circulatory System

Diseases Category	Reported in Databook 2010	Reported in Databooks prior to 2010
Diseases of the Heart	I00-I09,I11,I13-I51,I80-I89	S ¹
Acute rheumatic fever	I00-I02	S
Chronic rheumatic heart diseases	I05-I09	S
Hypertension with Heart Disease	I11, I13	S
Ischaemic heart diseases	I20-I25	NR ²
Acute myocardial infarction	I21-I22	S
Chronic ischaemic heart disease	I25	NR
Other Ischaemic heart diseases	I20, I24	I20,I24-I25
Pulmonary heart disease and diseases of pulmonary circulation	I26-I28	S
Other forms of heart disease	I30-I51	S
Nonrheumatic aortic valve disorders	I35	NR
Cardiomyopathy	I42-I43	NR
Cardiac arrest	I46	NR
Atrial fibrillation and flutter	I48	NR
Heart failure	I50	NR
Other heart diseases	I30-I34, I36-I42, I44-I45, I47, I49	NR
Diseases of veins, lymphatic vessels and lymph nodes, not	I80-I89	NR
Hypertension with or without Renal Disease	I10, I12	S
Cerebrovascular diseases	I60-I69	S
Intracerebral haemorrhage	I61	NR
Stroke, non specified as haemorrhage or infarction	I64	NR
Other cerebrovascular diseases	I60, I62, I63, I65-I69	NR
Diseases of arteries, arterioles and capillaries	I70-I79	NR
Atherosclerosis	I70	S
Aortic aneurysm and dissection	I71	NR
Other diseases of arteries, arterioles and capillaries	I72-I79	NR
Other and unspecified disorders of the circulatory system	I95-I99	NR

1. Same.

2. Not reported before.

Appendix 5. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Death due to Neoplasms

Diseases Category	Reported in Databook 2010	Reported in Databooks prior to 2010
Malignant neoplasms	C00-C97	S ¹
Malignant neoplasms, stated or presumed to be primary, of specified sites	C00-C75	NR ²
Lip, oral cavity and pharynx	C00-C14	S
Digestive organs	C15-C26	S
Oesophagus (Esophagus)	C15	NR
Stomach	C16	NR
Colorectal	C18-C21	NR
Colon	C18	NR
Colorectal excluding colon	C19-C20-C21	NR
Liver and Intrahepatic bile duct	C22	NR
Pancreas	C25	NR
Other digestive organs	C17,C23,C24,C26	NR
Respiratory and intrathoracic organs	C30-C39	S
Larynx	C32	NR
Bronchus and lung	C34	NR
Other respiratory and intrathoracic organs	C30,C31,C33,C35-C39	NR
Bone and articular cartilage	C40-C41	NR
Skin	C43-C44	NR
Mesothelial and soft tissue	C45-C49	NR
Breast	C50	S
Female genital organs	C51-C58	NR
Ovary	C56	NR
Other female genital organs	C51-C55, C57-C58	NR
Male genital organs	C60-C63	NR
Prostate	C61	NR
Other male genital organs	C60, C62-C63	NR
Urinary tract	C64-C68	S
Kidney and renal pelvis	C64-C65	NR
Kidney, except renal pelvis	C64	NR
Bladder	C67	NR
Other urinary tract	C66,C68	NR
Eye, brain and other parts of central nervous system	C69-C72	NR
Brain	C71	NR
Other eye, brain and other parts of central nervous system	C69,C70,C72	NR
Thyroid and other endocrine glands	C73-C75	NR
Malignant neoplasms of ill-defined, secondary and unspecified sites	C76-C80	NR
Malignant neoplasms, stated or presumed to be primary, of lymphoid,	C81-C96	S
Hodgkin's disease	C81	NR
Non-Hodgkin's lymphomas	C82,C83,C85	NR
Multiple myeloma and malignant plasma cell neoplasms	C90	NR
Leukaemia	C91-C95	NR
Other malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	C84, C86-C90, C96	NR
Malignant neoplasms of independent (primary) multiple sites	C97	NR
In situ neoplasms	D00-D09	NR
Benign neoplasms	D10-D36	NR
Neoplasms of uncertain or unknown behaviour	D37-D48	NR

1. Same.

2. Not reported before.

Appendix 6. 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 Municipality¹	Code²
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).

Appendix 7. Health Planning Regions and Municipality Map

