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 Westchester County Executive  
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# Annual Data Book

## Vital Statistics Report

Westchester County Department of Health

Westchester  
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2011

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

**The Annual Data Book 2011 – Vital Statistics Report** contains information on births, pregnancies, and deaths occurred among Westchester County Residents during 2009. Detailed information includes total number of births, birth rates, demographic characteristics of women who had births during 2009, number of pregnancies and outcome of such pregnancies by women's age and race/ethnicity, number deaths, death rates, leading causes of deaths, and the demographic characteristics of the people who died during 2009.



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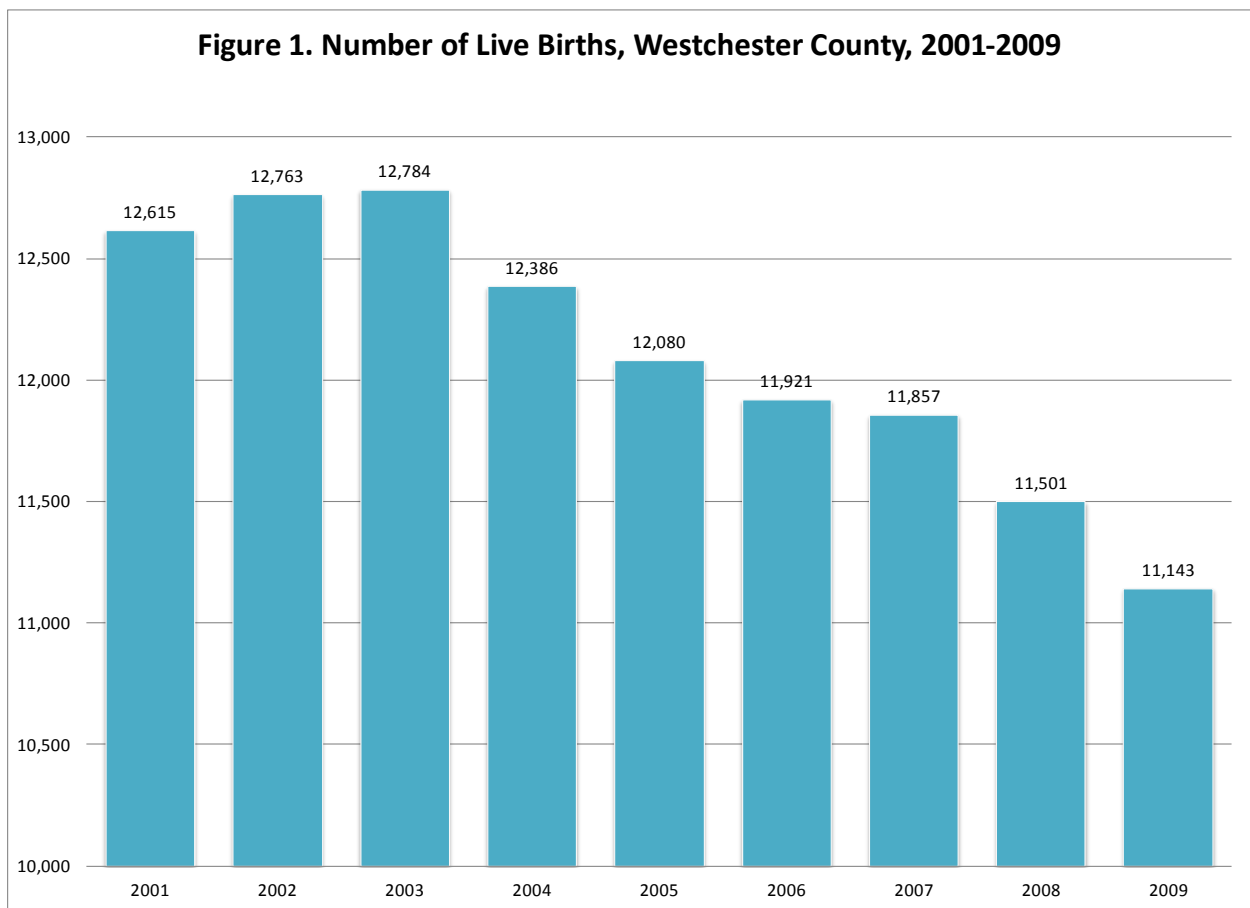
## HIGHLIGHTS

- In 2009, 11,143 infants were born to Westchester County residents. The birth rate was 11.7 births per 1,000 population.
- 56.2% of the infants were born to white women, 14.5% were born to black women. 34.7% of infants were born to Hispanic women.
- 43.3% of the infants were born to women of foreign national origin.
- The average maternal age at birth was 31.1 years: 32.5 among whites, 28.7 among blacks, and 28.6 among Hispanics.
- 8.4% of the infants were born with low Birthweight: 14% among blacks, 7.8% among whites, and 6.8% among Hispanics.
- 13.3% were born prematurely.
- 27.1% of the infants were born to mothers who did not have prenatal care or delayed their prenatal care until the second trimester: 21.9% among whites, 39.7% among blacks, and 35.9% among Hispanics.
- 38.4% of the infants were born to women with Medicaid or Family Health Plus as the primary insurance coverage for the delivery: 24.4% among whites, 52.7% among blacks, and 68.8% among Hispanics.
- 40.9% of all births were delivered by cesarean section.
- There were 14,856 recorded pregnancies among Westchester County women in 2009, 23.2% were ended by induced abortion.
- There were 397 pregnancies occurred among women under age 18, 58.2% were ended by abortion.
- There were 6,664 deaths registered in Westchester County in 2009. The death rate was 702.1 per 100,000 population.
- The average age at death was 76.5 years: 79.5 among females, 73.2 among males; 78.6 years for whites, 67.9 years for blacks, and 61.7 years for Hispanics.
- The three leading causes of death were Diseases of the Circulatory System (36.6%), Neoplasms (26.7%), and Diseases of the Respiratory System (9.6%).
- There were 63 infant deaths in 2009, with an infant mortality rate of 5.7 per 1,000 live births.

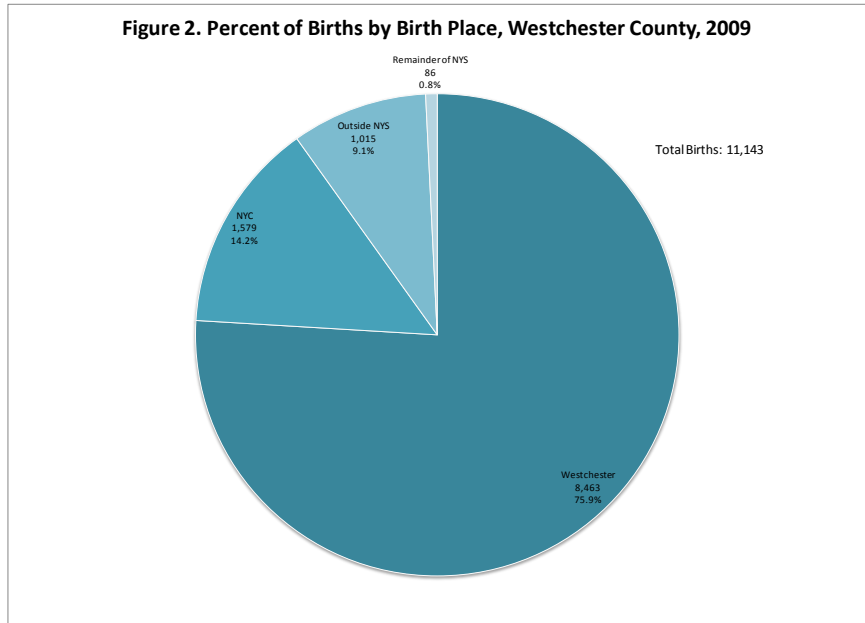
# BIRTHS AND PREGNANCIES

## Number of Births and Birth Rates

- A total of 11,143 infants were born to Westchester County residents in 2009, with a birth rate of 11.7 live births per 1,000 people.
- There were 5,698 males and 5,445 females. The male/female ratio was 1.05.
- The number of births has been declining since 2003 (Figure 1).

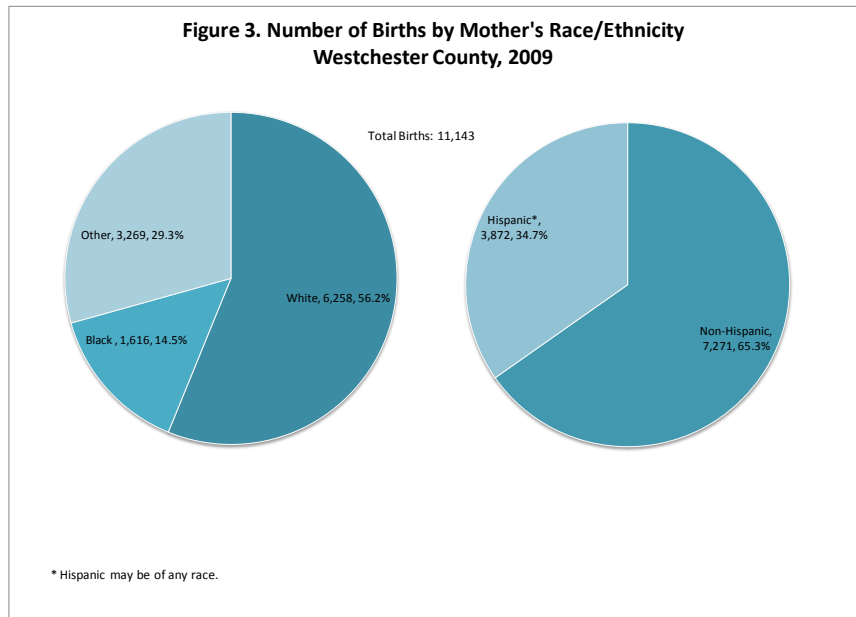


- The majority of the infants were born within the county (Figure 2).
- 4,543 (40.8%) of the infants were first-born, 3,817 (34.3%) were the second child, and 2,640 (23.7%) were third or higher order births.

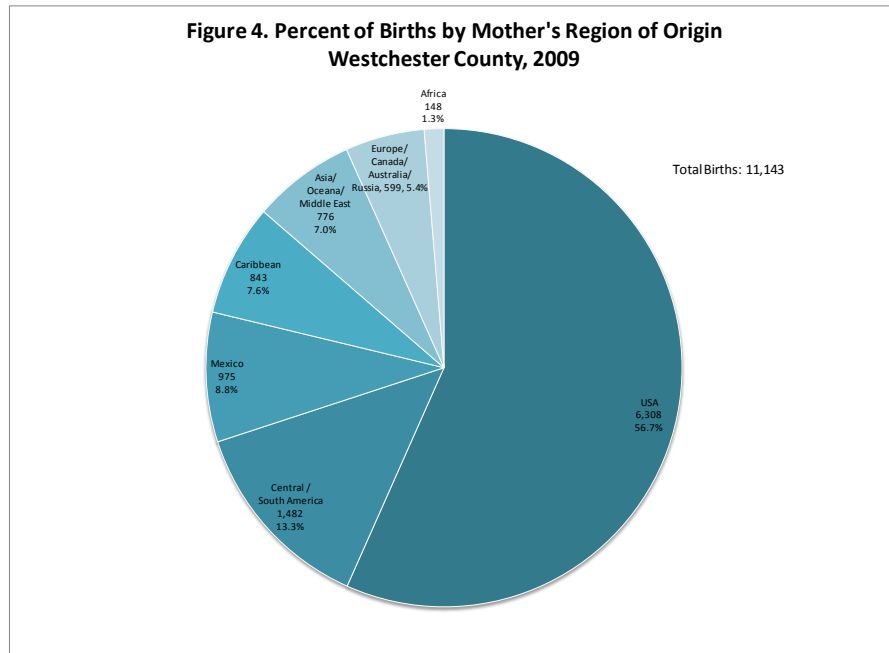


**Number of Births by Mother’s Demographic Characteristics**

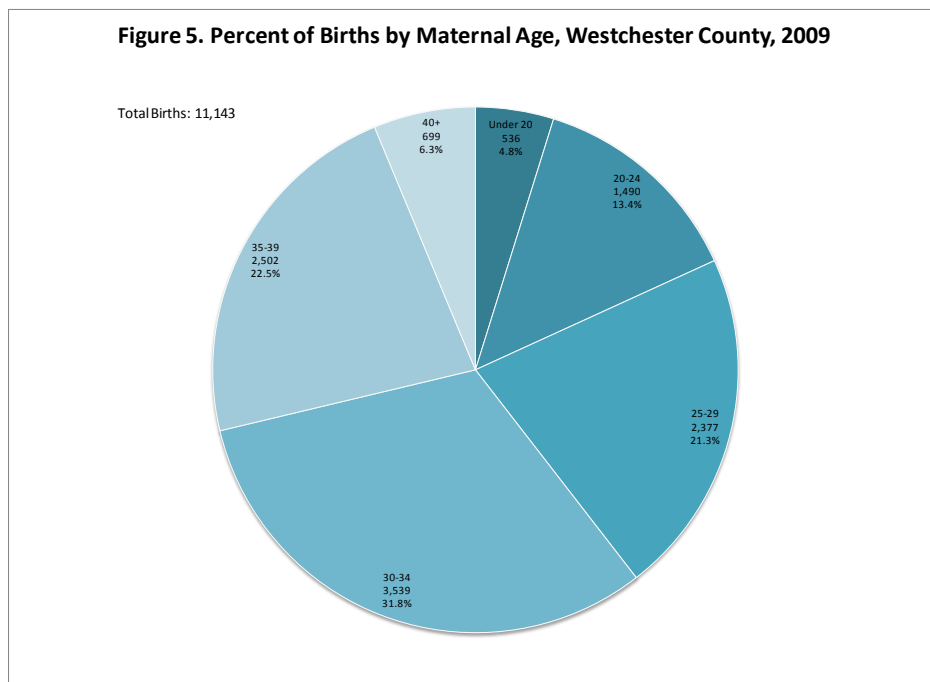
- Over half of the infants were born to white women; about 15% were born to black women. Over one-third of the infants were born to Hispanics (Figure 3).



- Over 40% of the infants were born to women with foreign national origin, with a large proportion born to women from Mexico and other Central and South America countries (Figure 4).

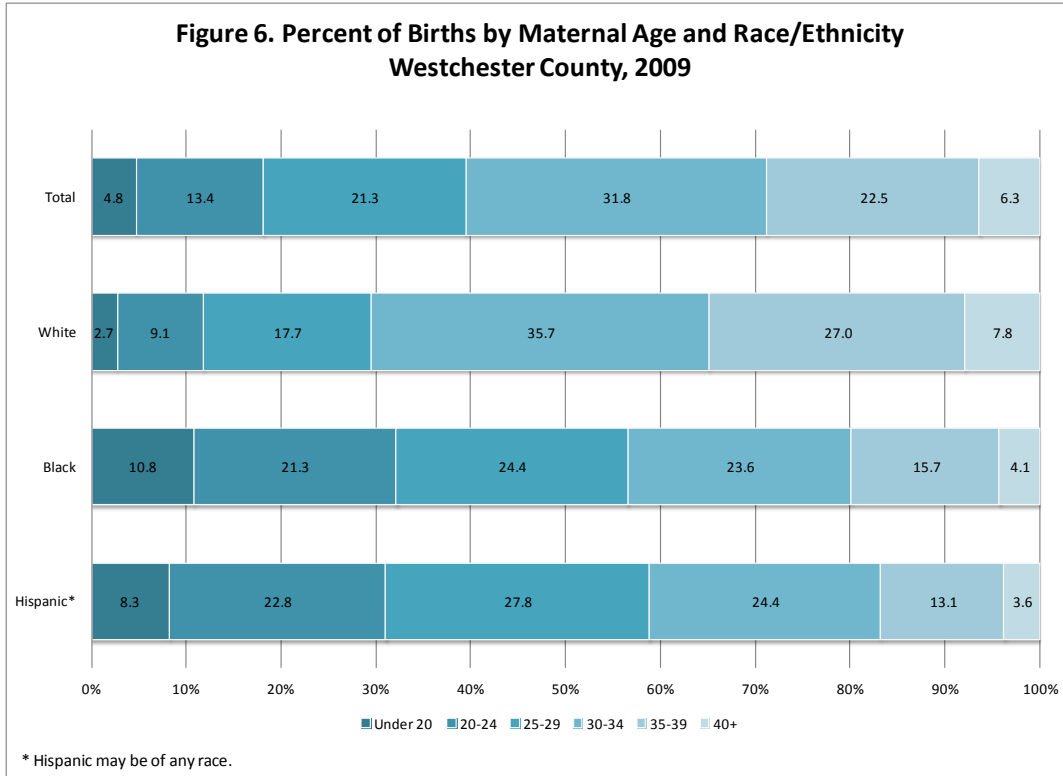


- More than half of the infants were born to women in their 30's, and about a third were born to women in their 20's (Figure 5).

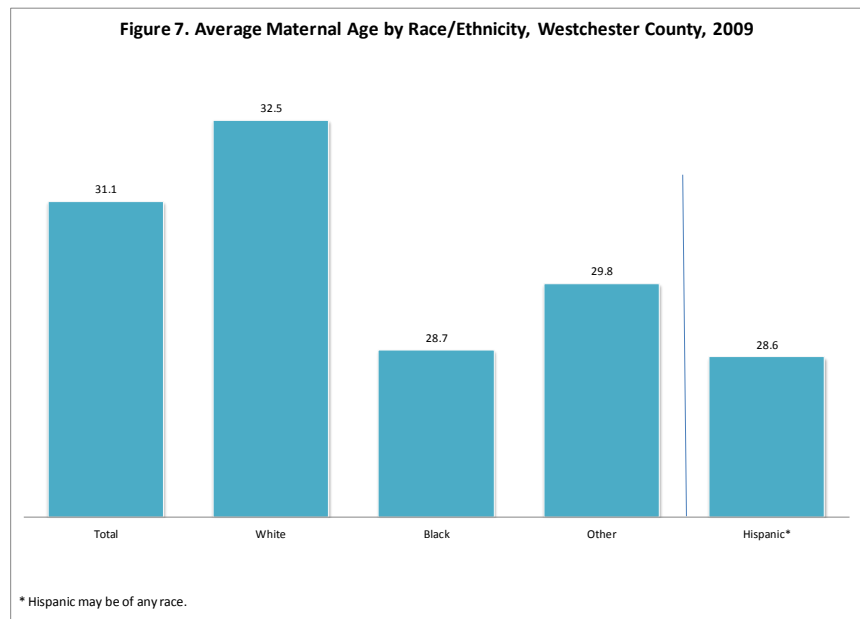


## Maternal Age

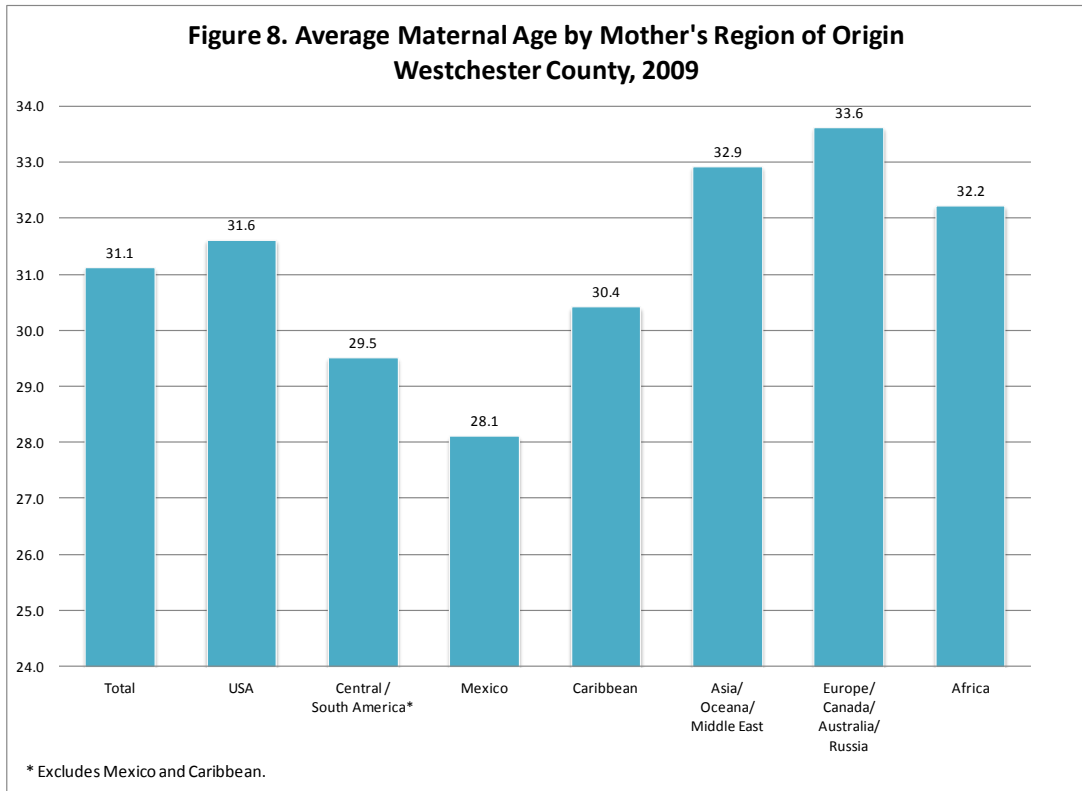
- The distribution of maternal age varied with race/ethnicity. The proportion of infants born to younger mothers was higher among blacks and Hispanics (Figure 6).



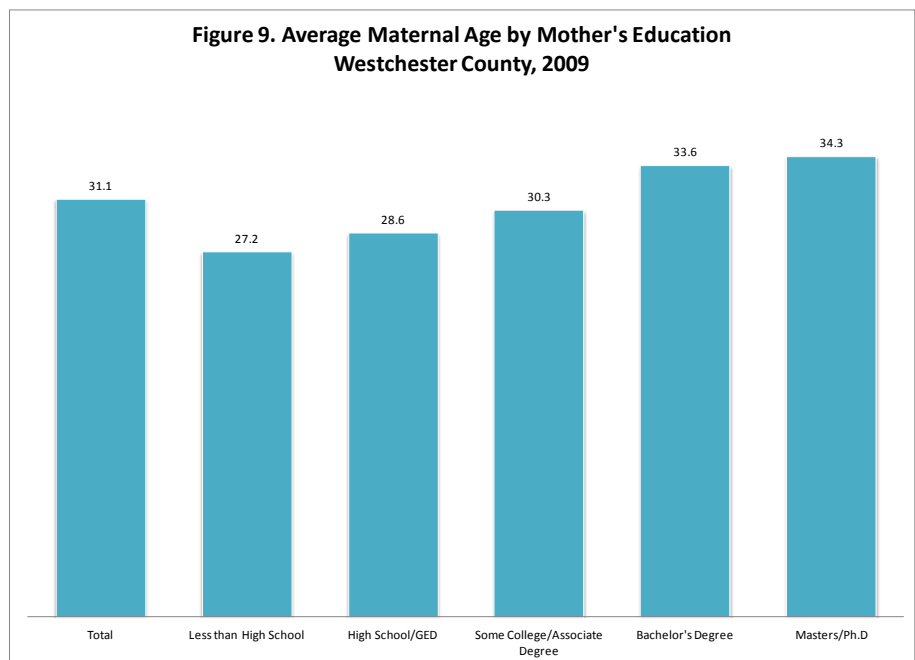
- The average maternal age at birth was 31.1 years. The average maternal age was higher among infants born to white women than those born to black women or Hispanic women (Figure 7).



- The average maternal age varied extensively by women’s region of origins (Figure 8).



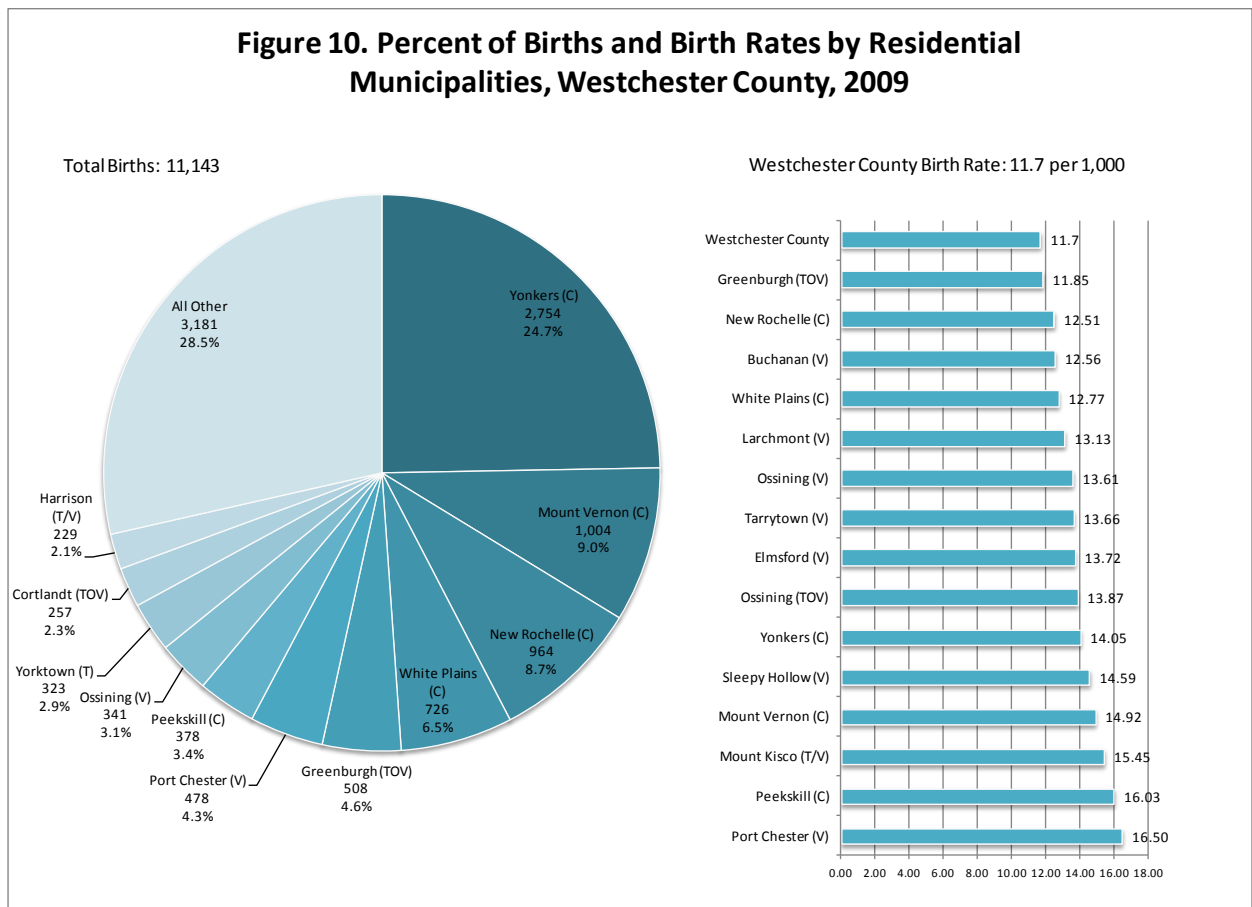
- The average maternal age at birth increased with women’s educational levels (Figure 9).





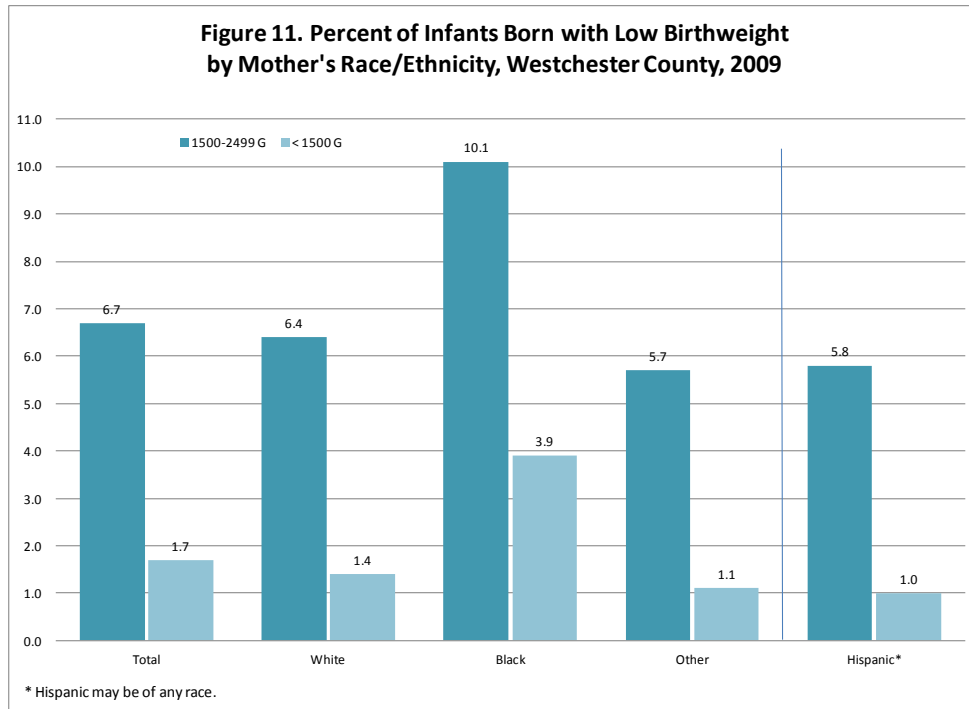
## Residential Areas

- About a quarter of the infants were born to women living in Yonkers.
- Over 70% of the infants were born to women living in 11 of the 43 municipalities (Figure 10).
- Port Chester, Peekskill, and Mount Kisco had the highest birth rates. Altogether, 15 municipalities had birth rates higher than the county average (Figure 10).

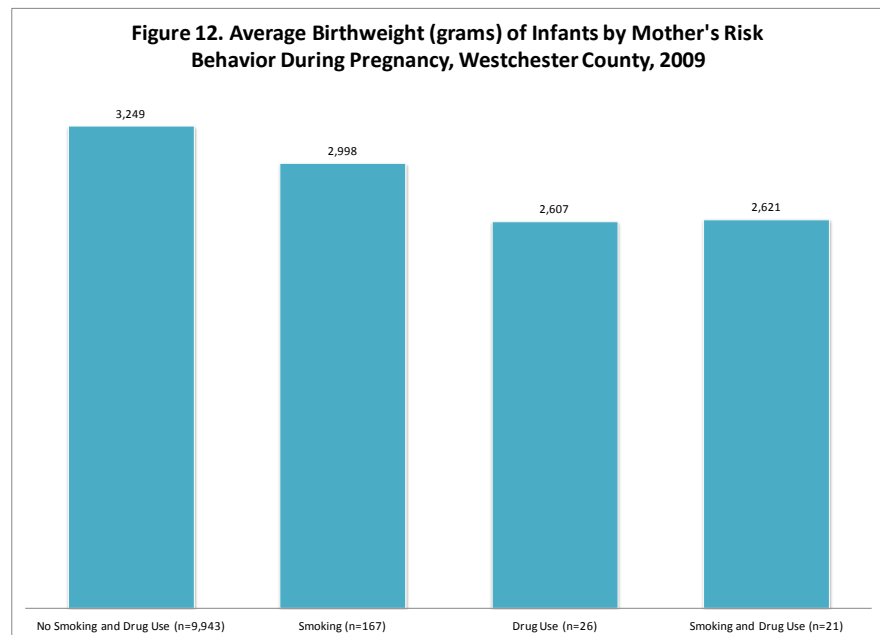


## Birthweight

- Less than 10% of the infants were born with a birthweight lower than 2,500 grams. However, the proportion of infants born with low birthweight varied by race and ethnicity (Figure 11).

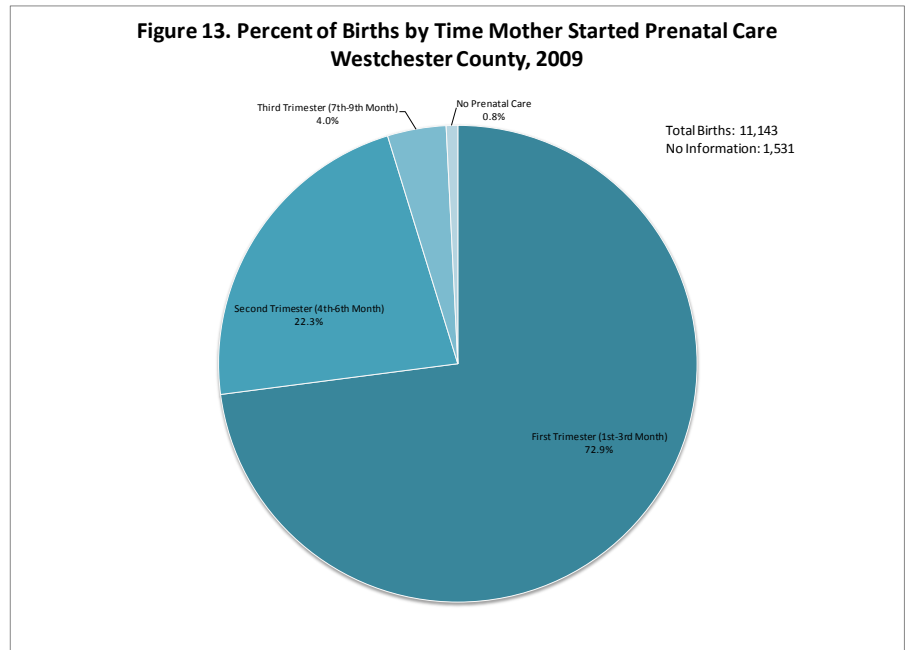


- Infant birthweight was associated with maternal behavior during pregnancy (Figure 12).

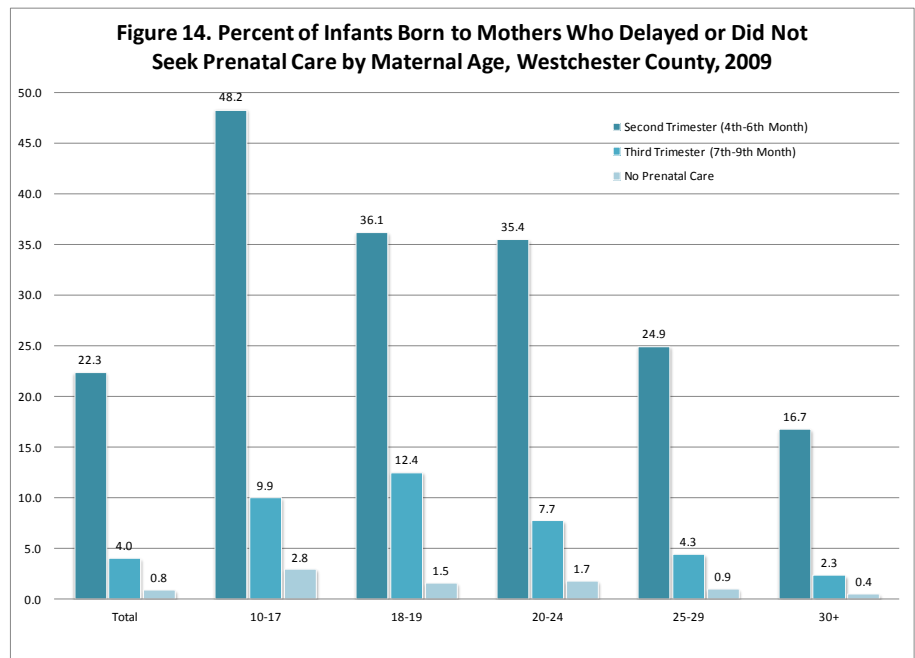


## Prenatal Care

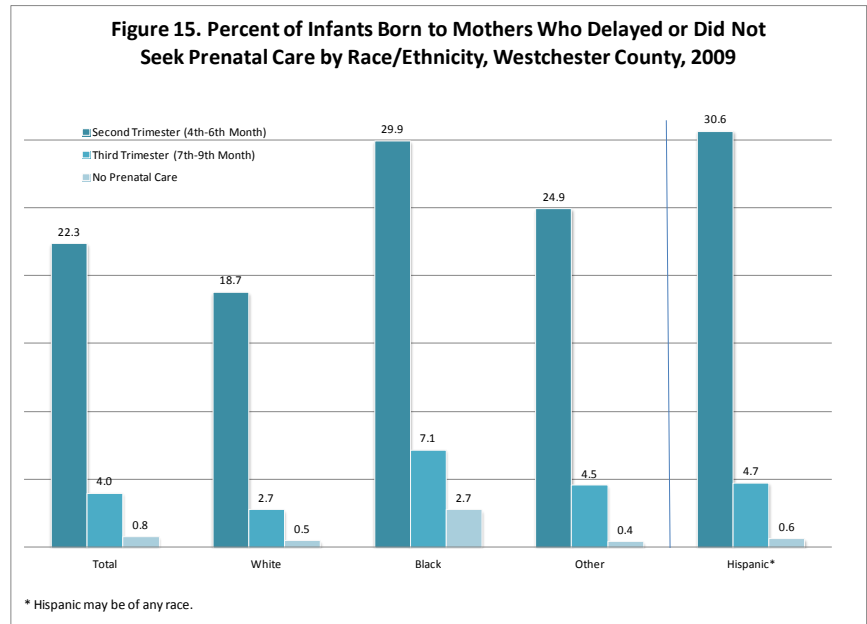
- Most infants were born to women who sought prenatal care. However, over 25% were born to women who delayed their prenatal care until the second or third trimester. Less than 1% of the infants were born to women who did not seek prenatal care (Figure 13).



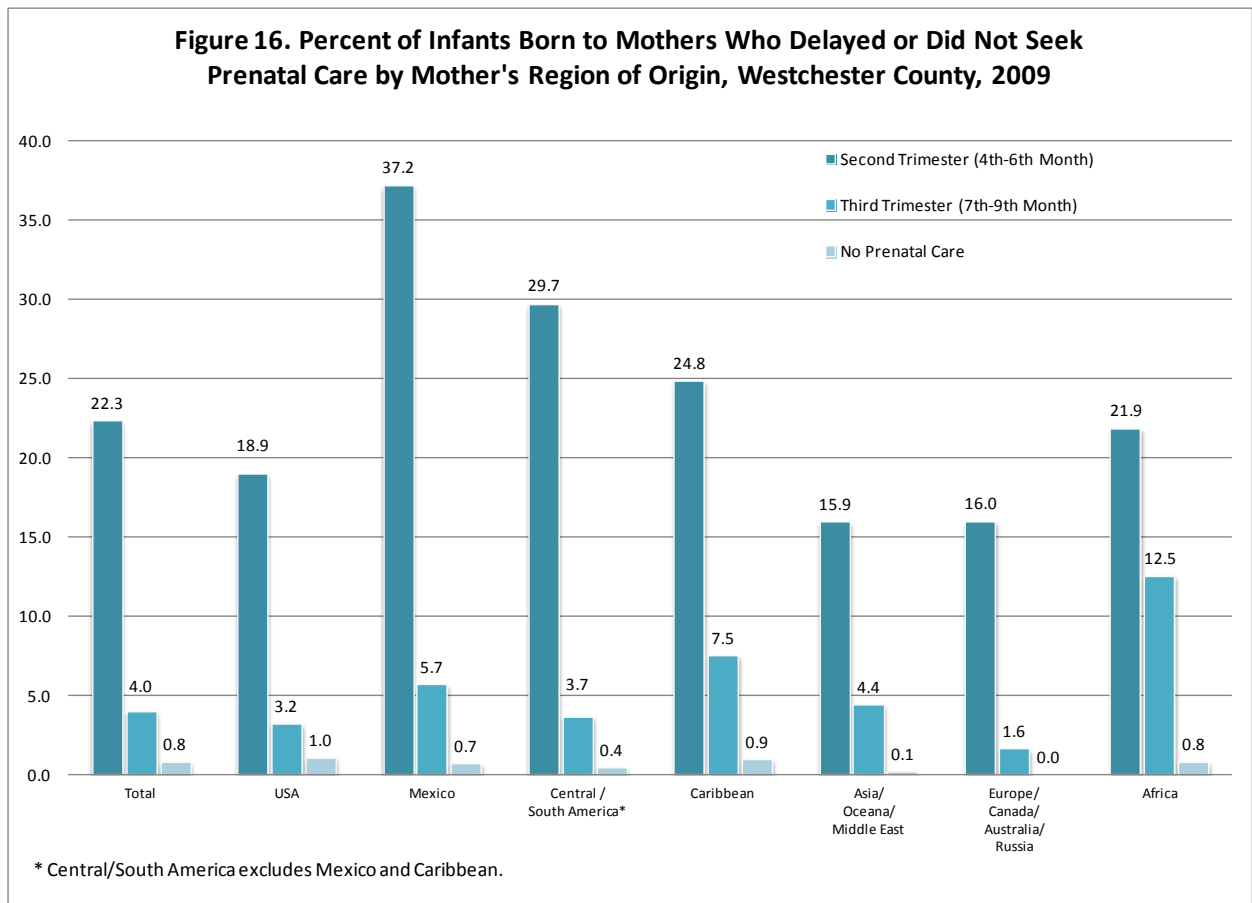
- The prenatal care patterns varied by women's age (Figure 14).



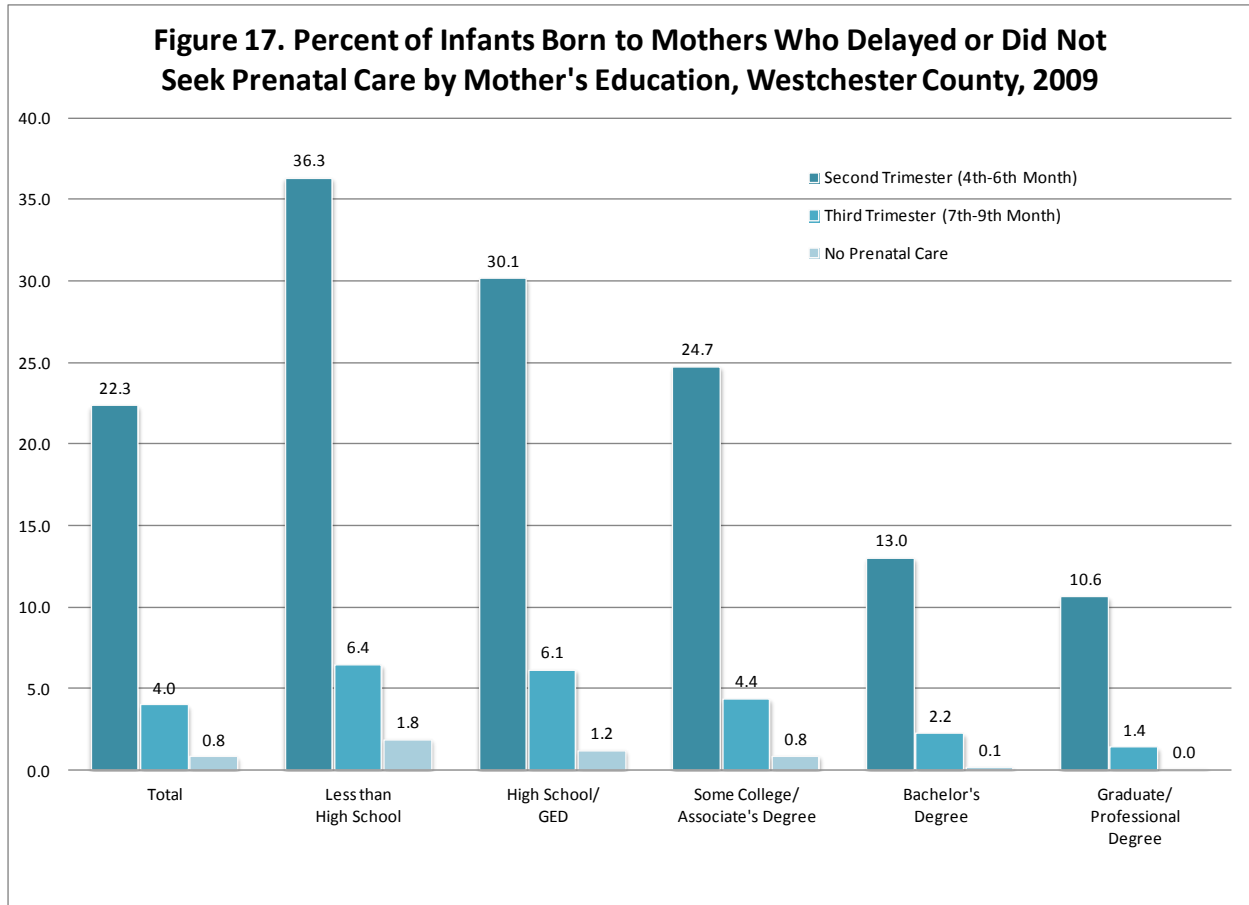
- There was a smaller percentage of women who delayed or sought no prenatal care among whites than among blacks and Hispanics (Figure 15).



- The percentage of women receiving adequate prenatal care was different among women from various regions (Figure 16).

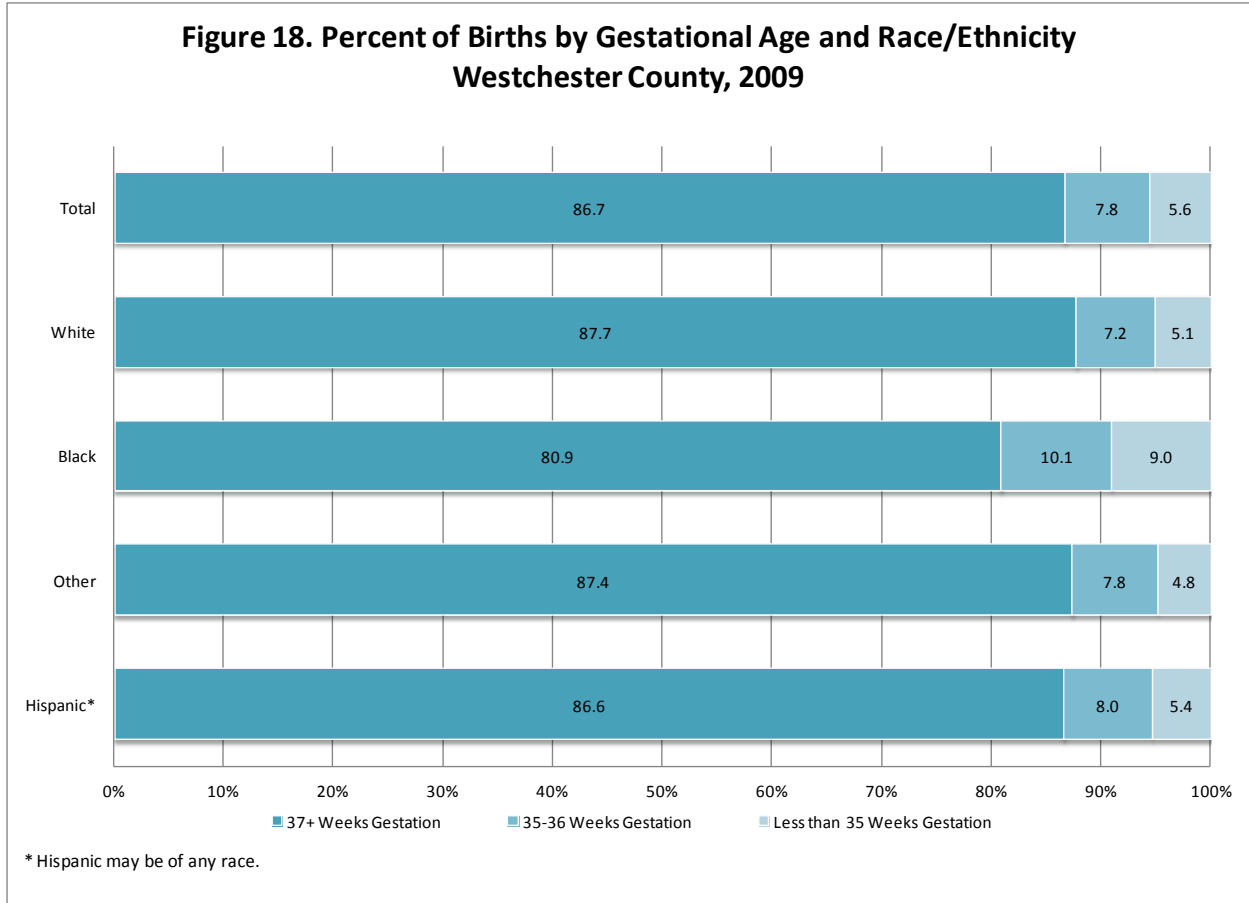


- Women with lower educational attainment were more likely to delay or seek no prenatal care than women with higher education (Figure 17).



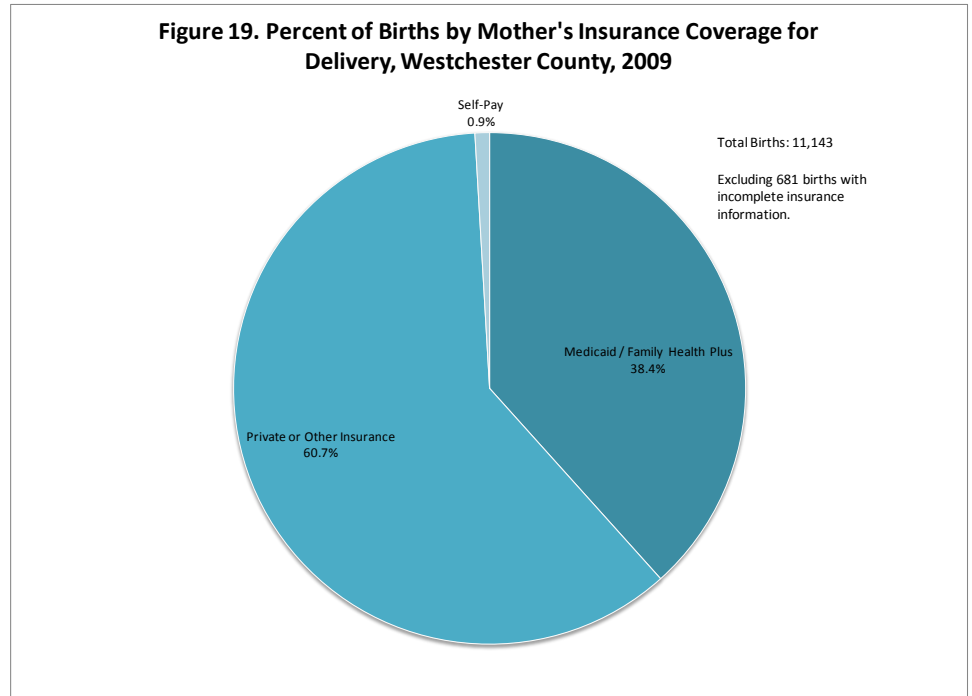
## Gestational Age

- The majority of the infants were born full term, with 37 or longer gestational weeks. However, 13.3% of the infants were born before they reached 37 weeks of gestation. There was a higher percentage of infants born preterm among blacks (Figure 18).

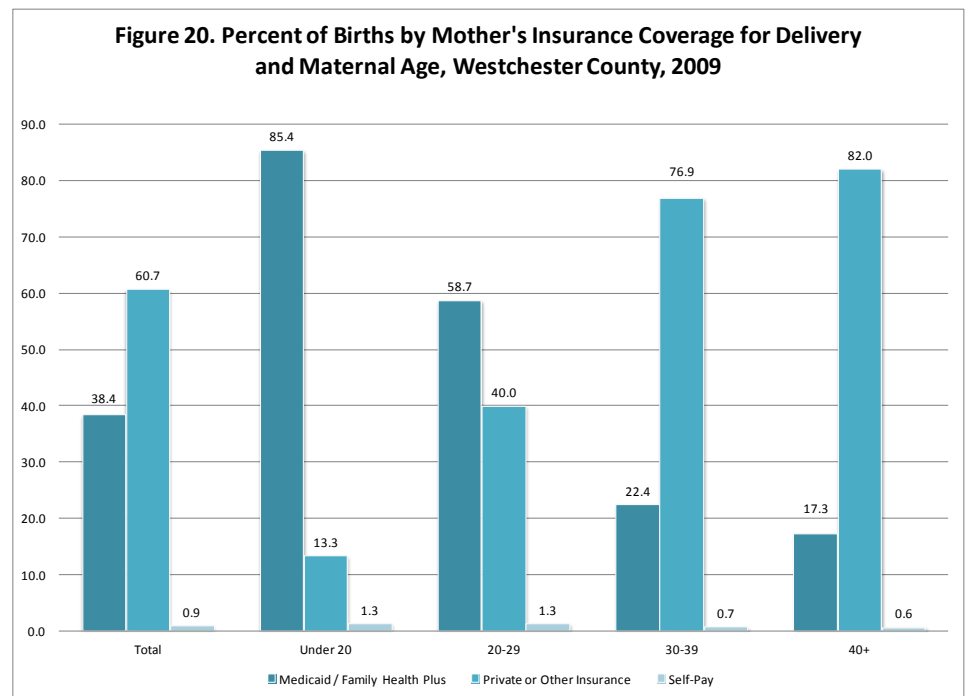


## Insurance Coverage

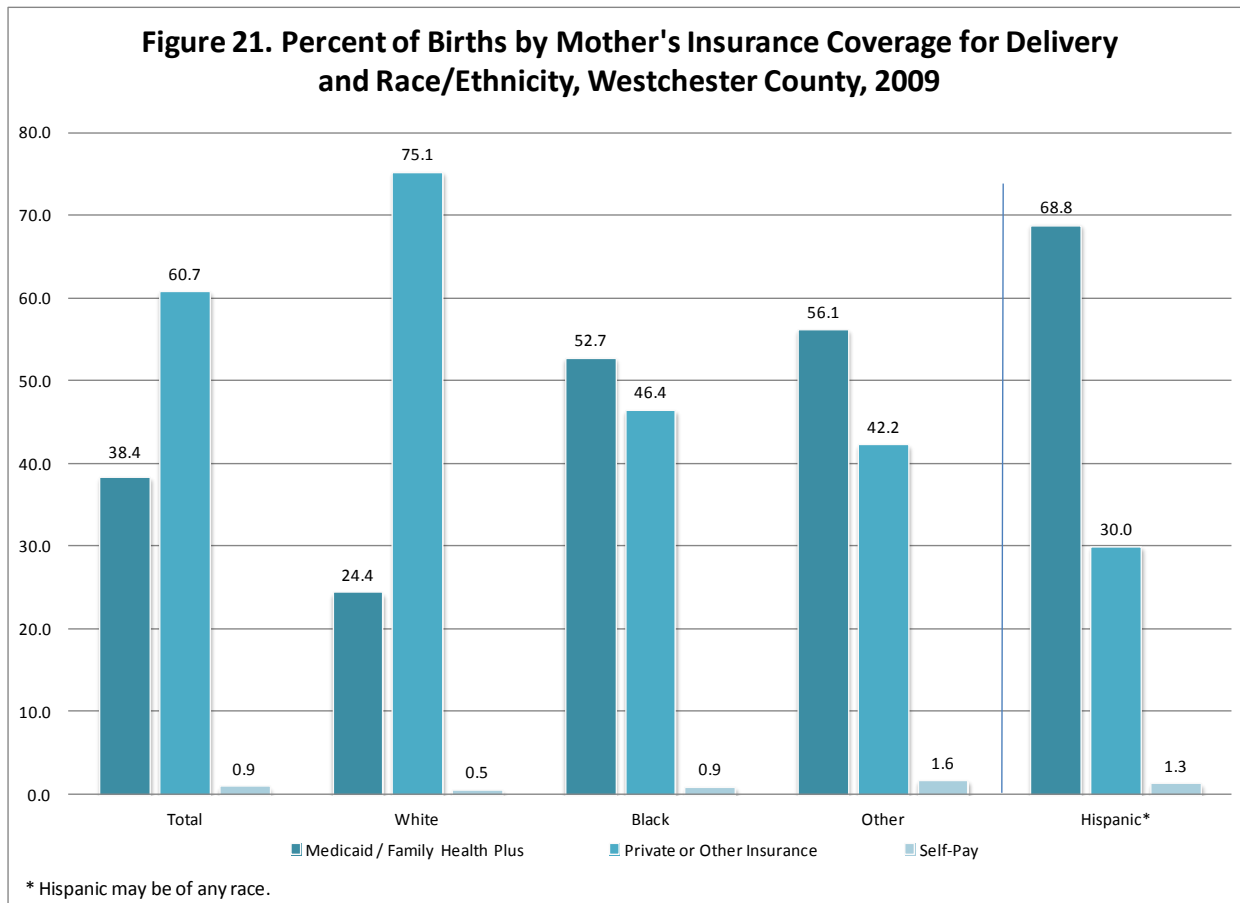
- Almost all women had health insurance to cover for delivery (Figure 19). Over a third had Medicaid or Family Health Plus.



- Younger women were more likely to have Medicaid/ Family Health Plus (FHP) as a form of payment for their delivery, while older women were more likely to have private or another type of insurance (Figure 20).

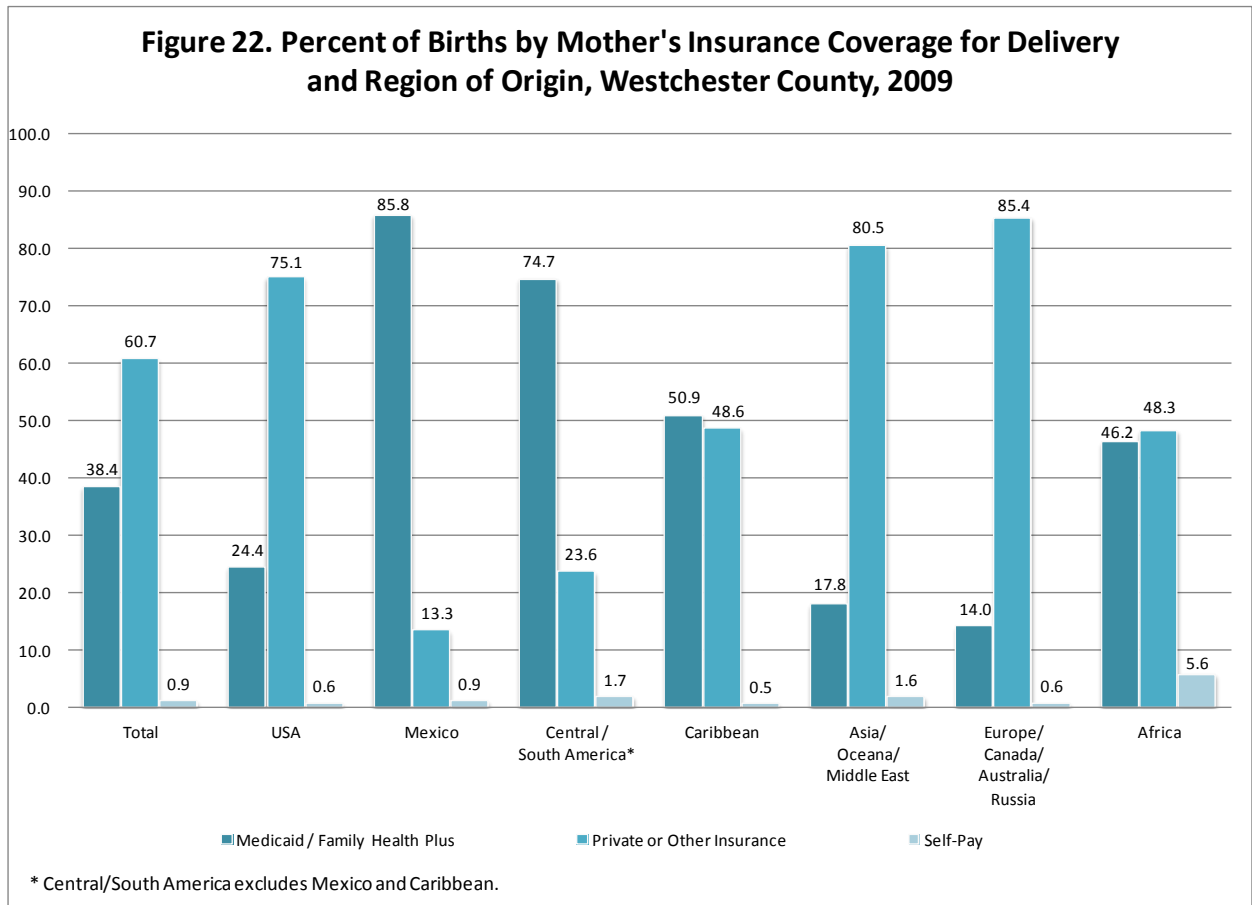


- Blacks and Hispanics were more likely to have Medicaid or Family Health Plus than whites, while most whites had private or other insurances (Figure 21).



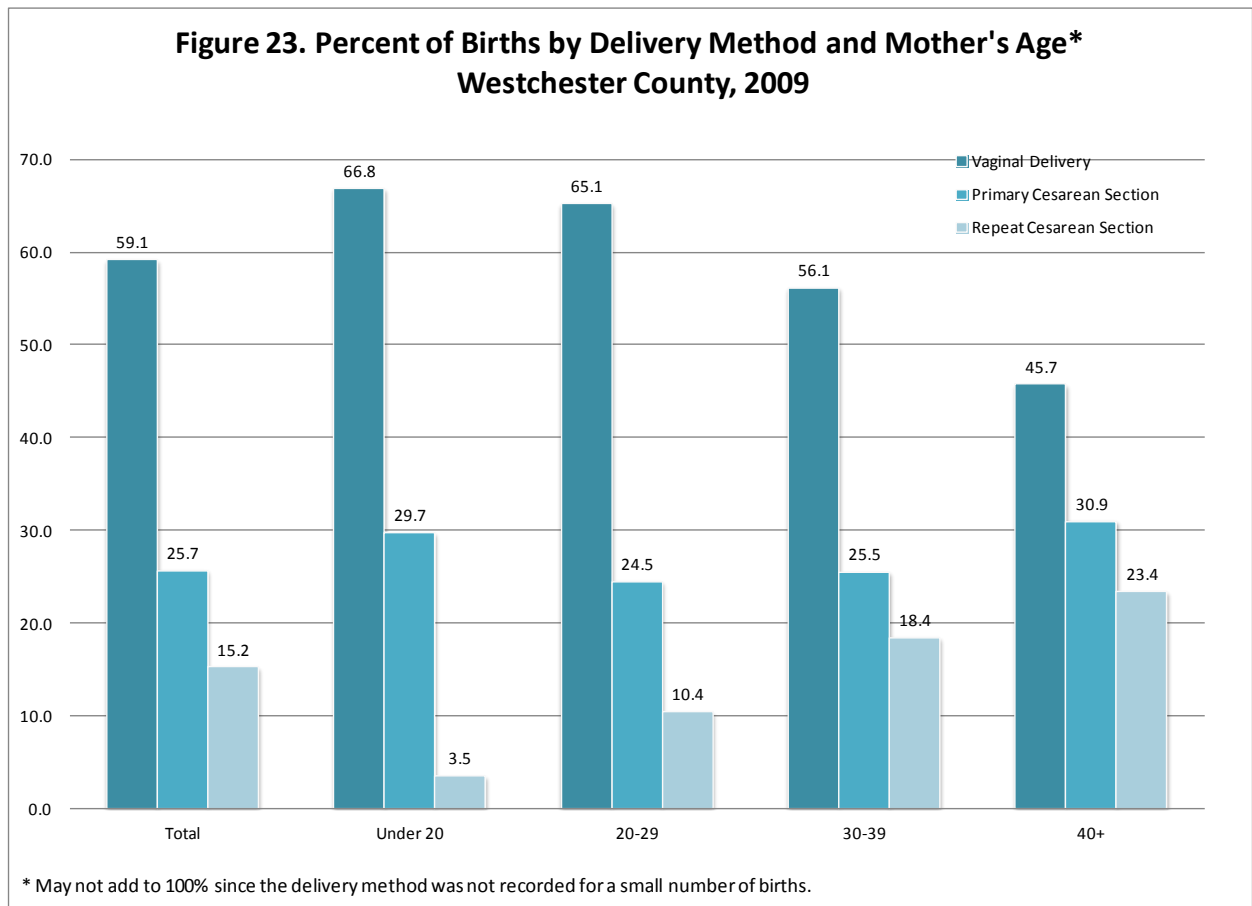


- There were also substantial differences in insurance coverage among women from various countries/regions (Figure 22).

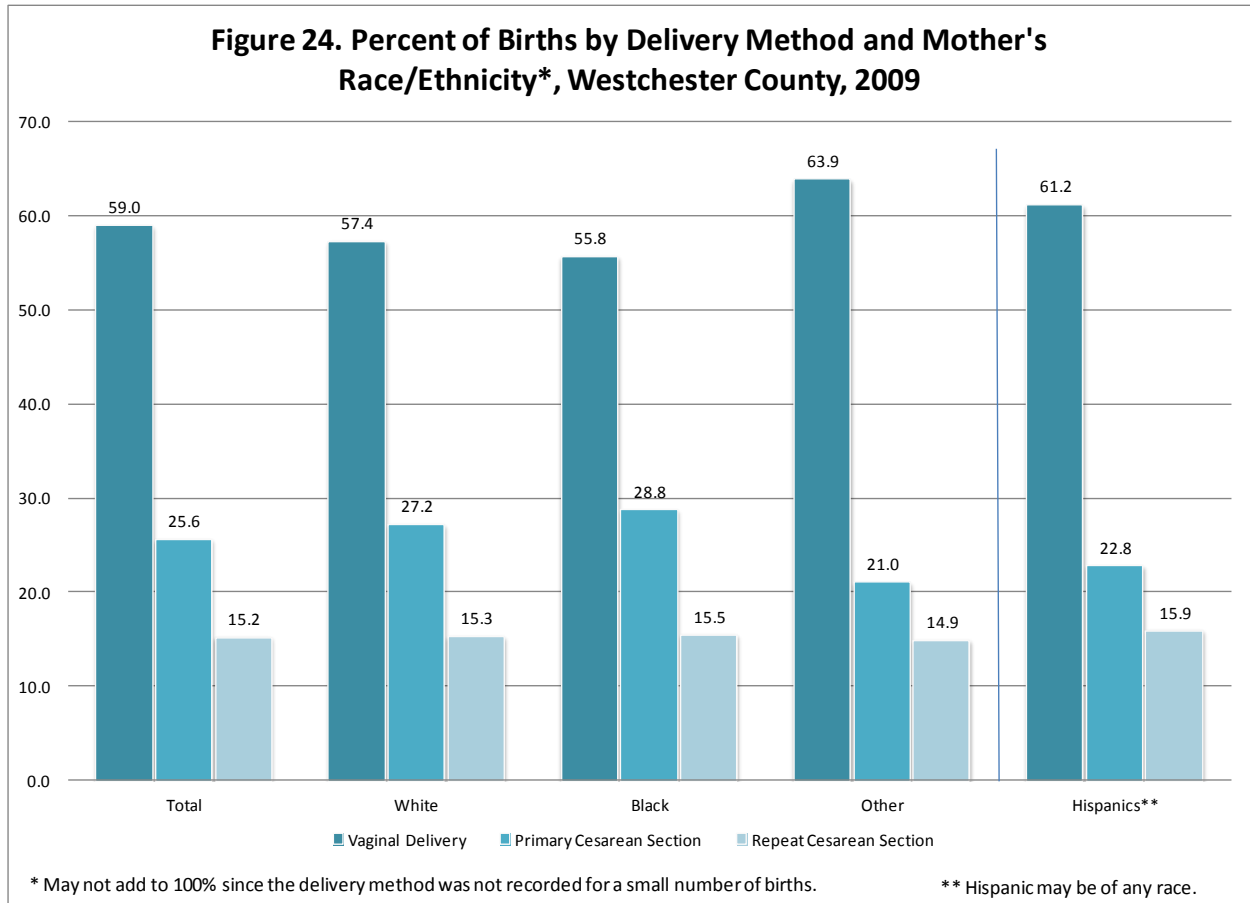


## Cesarean Delivery

- Just about 60% of the infants were born via vaginal delivery. Over 40% were delivered by cesarean sections, including primary cesarean sections and repeat cesarean sections.
- Older women were more likely to have cesarean sections (Figure 23).

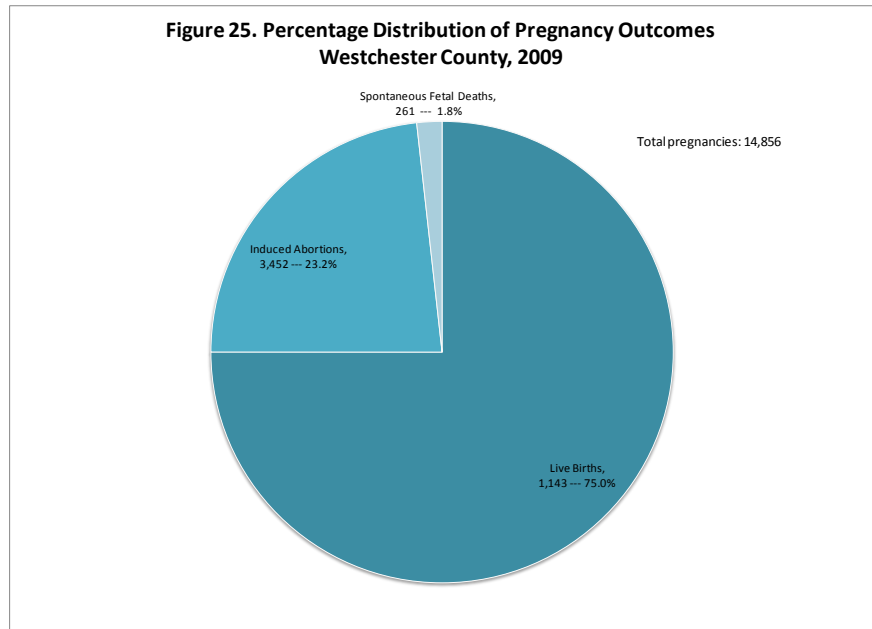


- There were no substantial differences in the percent of births delivered by cesarean section between blacks and whites. However, there was a lower rate of C-section among Hispanic women (Figure 24).

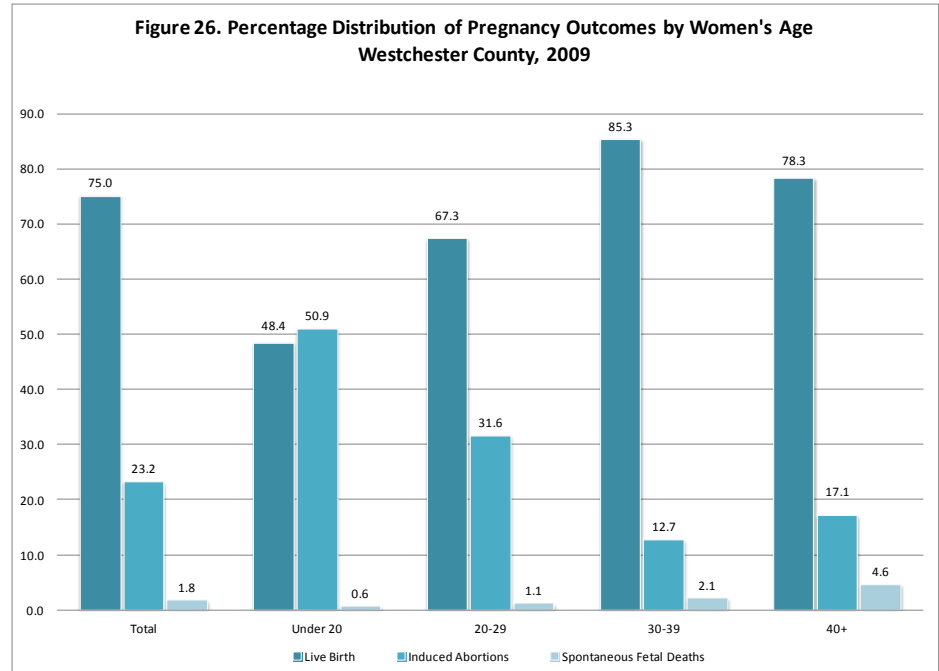


## Pregnancies and Abortions

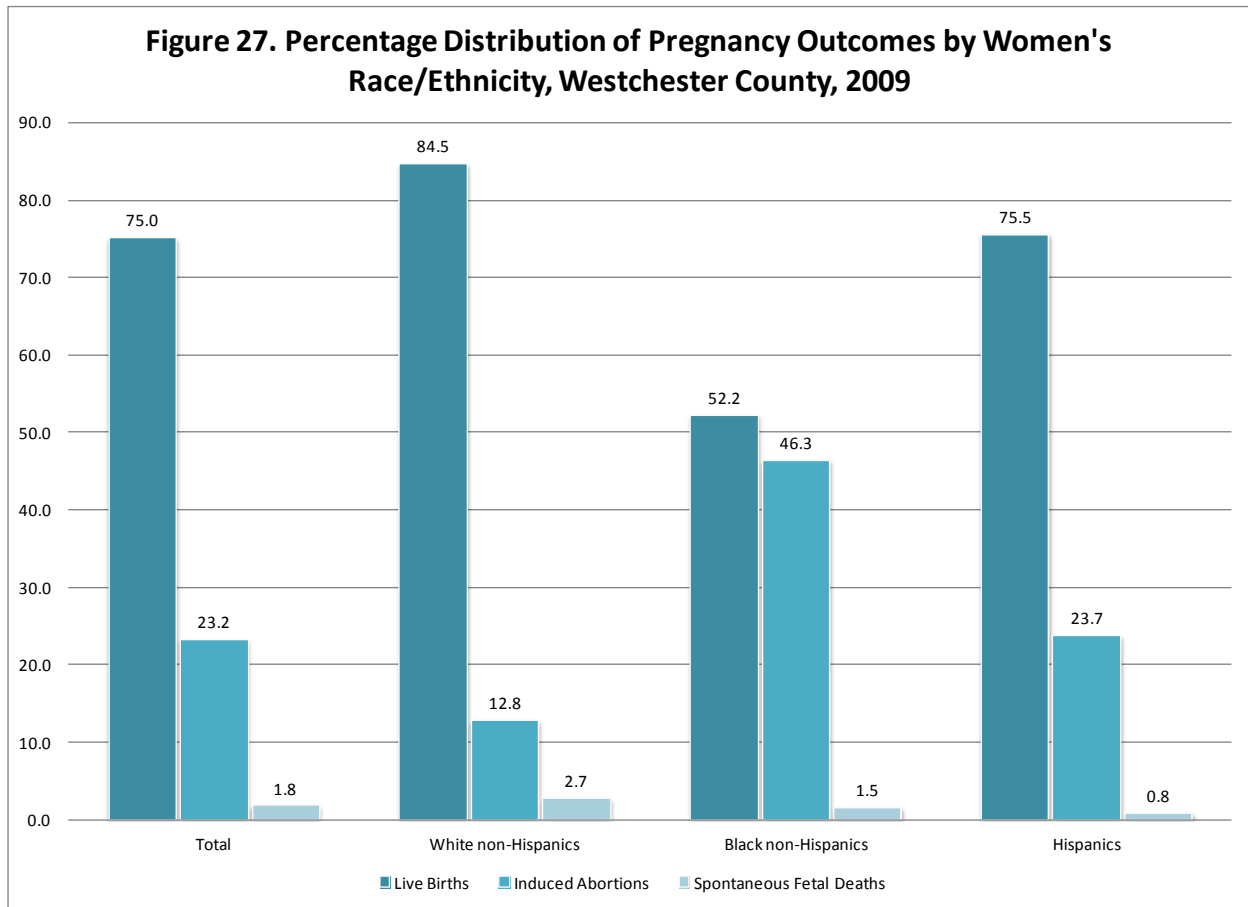
- There were 14,856 pregnancies reported in 2009, about a quarter were ended by induced abortions (Figure 25).



- The percent of pregnancies ended by abortion was higher among younger women (Figure 26).



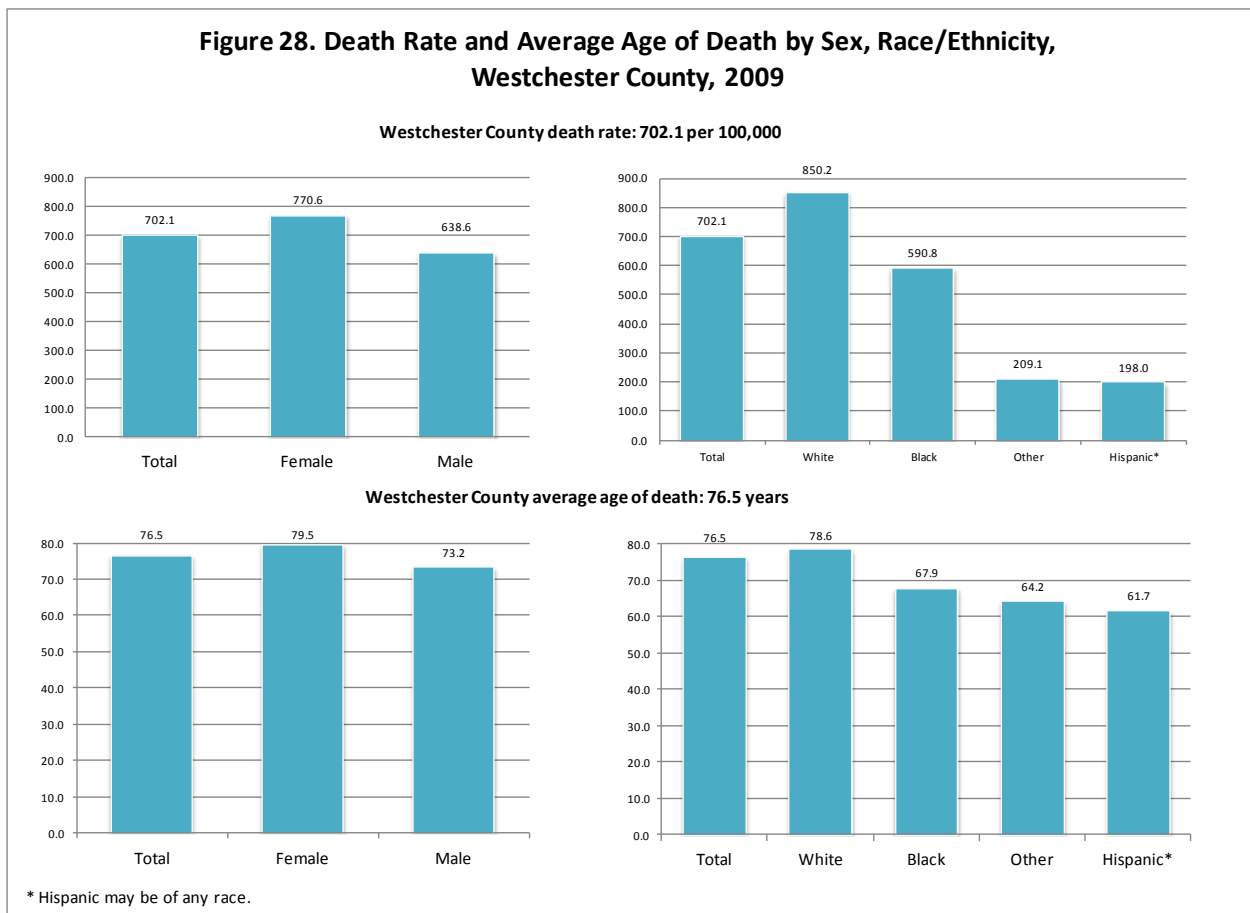
- The percent of pregnancies ended by abortions was the highest among black non-Hispanic women and the lowest among white non-Hispanic women (Figure 27).



# DEATHS

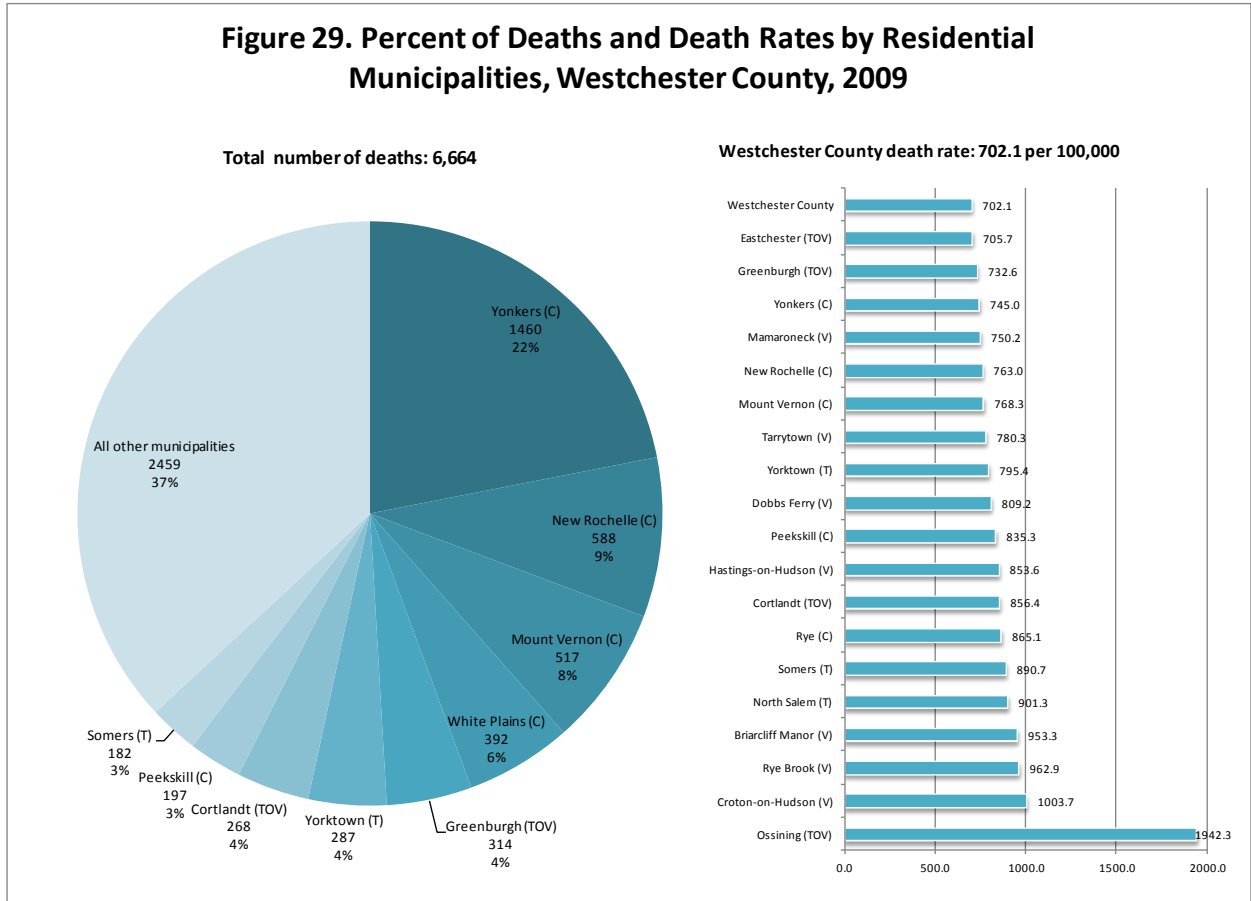
## Number of Deaths and Death Rates

- There were 6,664 deaths registered among Westchester County residents in 2009, including 3,519 females and 3,145 males. The death rate was 702.1 per 100,000.
- The average age at death was 76.5 years, 79.5 for females and 73.2 for males.
- The death rate was 850.2 per 100,000 for whites, 590.8 per 100,000 for Blacks, 198.0 per 100,000 for Hispanics.
- The average age at death was 78.6 for whites, 67.9 for Blacks, and 61.7 for Hispanics.



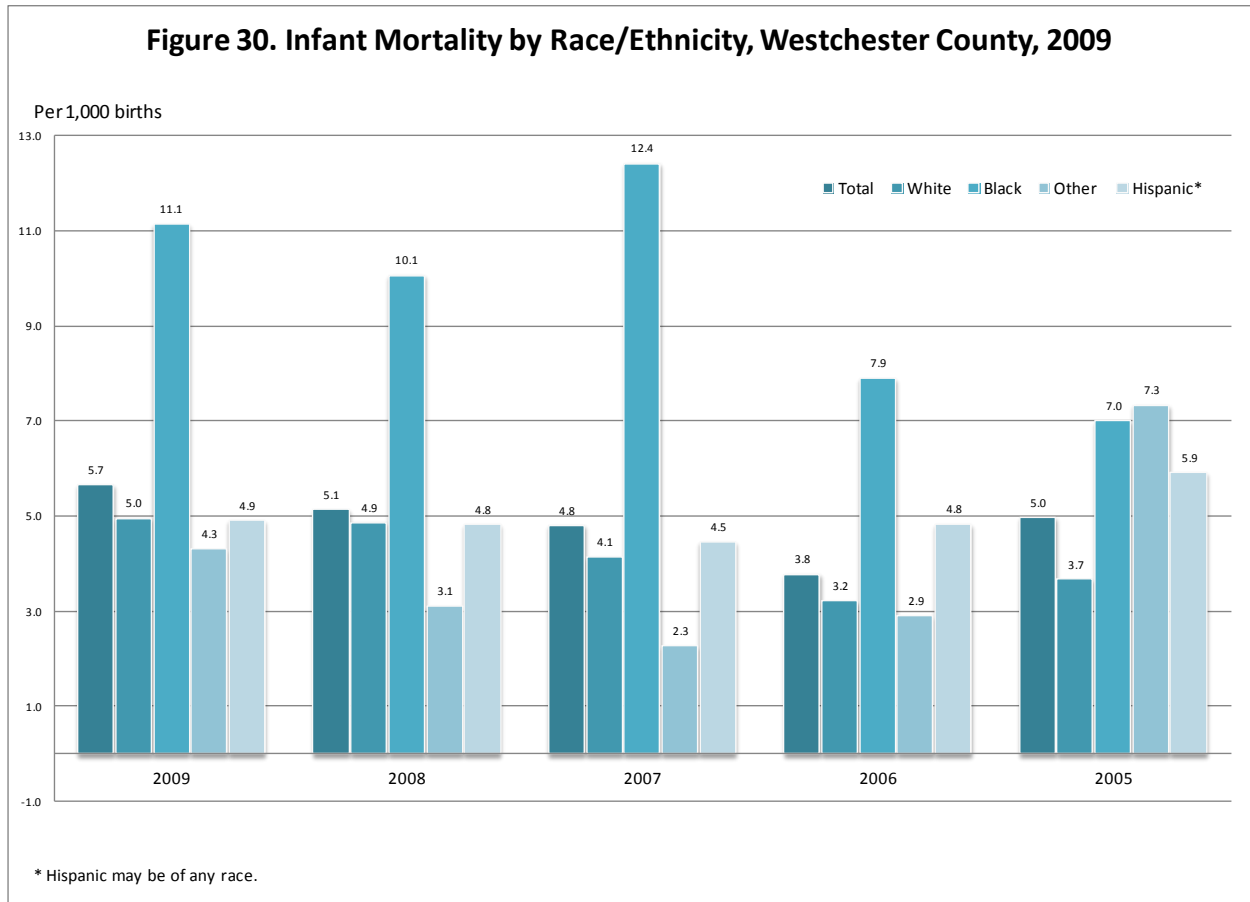
## Deaths by Municipality

- Yonkers had the highest number of deaths in 2009, accounting for 22% of all the deaths. The nine municipalities with the highest number of deaths accounted for 63% of all the deaths in 2009 (Figure 28).
- Compared to the county average, the death rate was the highest in Ossining Town, followed by Croton-on-Hudson, Rye Brook, Briarcliff Manor, North Salem, and Somers (Figure 29).



## Infant Mortality

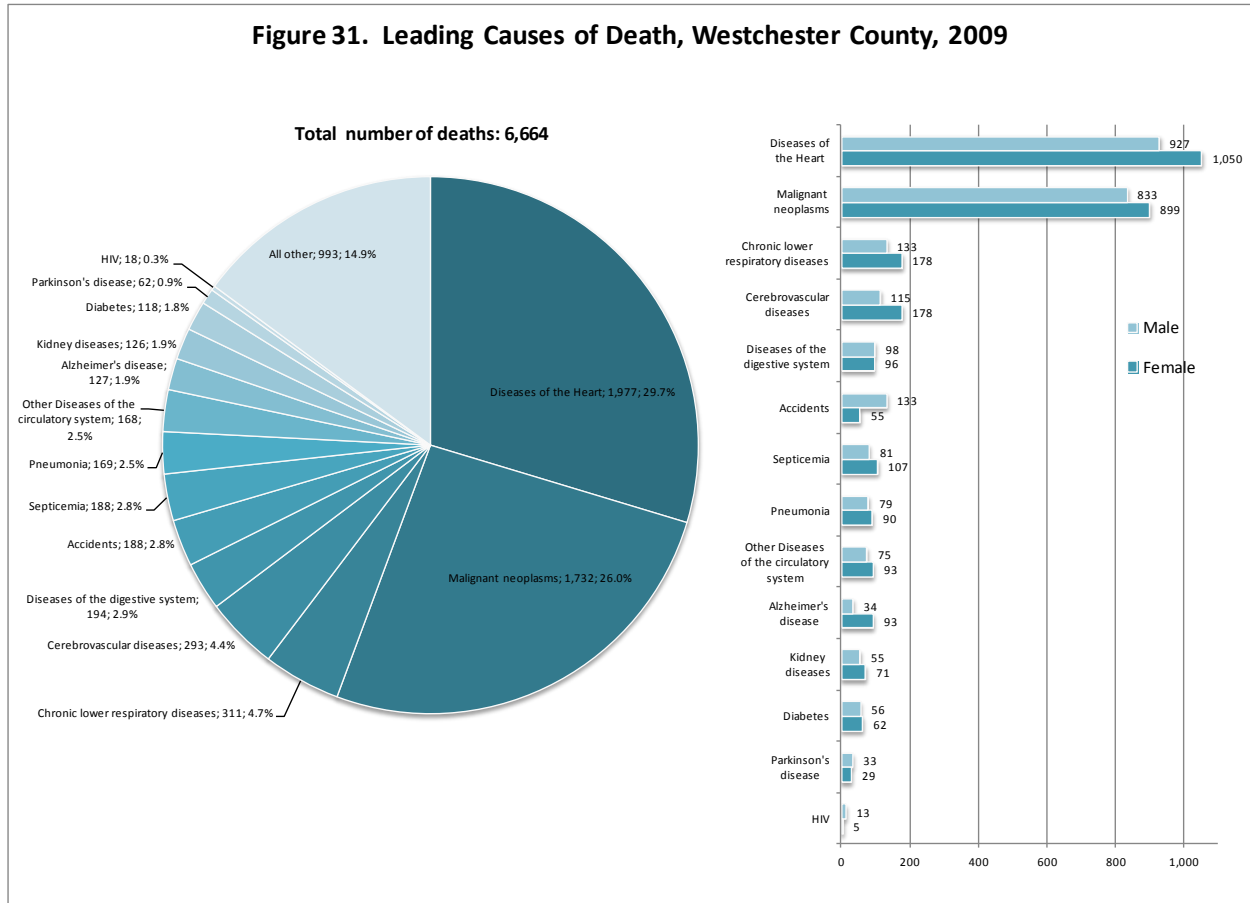
- There were 63 infant deaths registered in 2009. The infant mortality rate was 5.7 deaths per 1,000 live births (Figure 30).
- Blacks have the highest infant mortality rate compared with other racial groups.



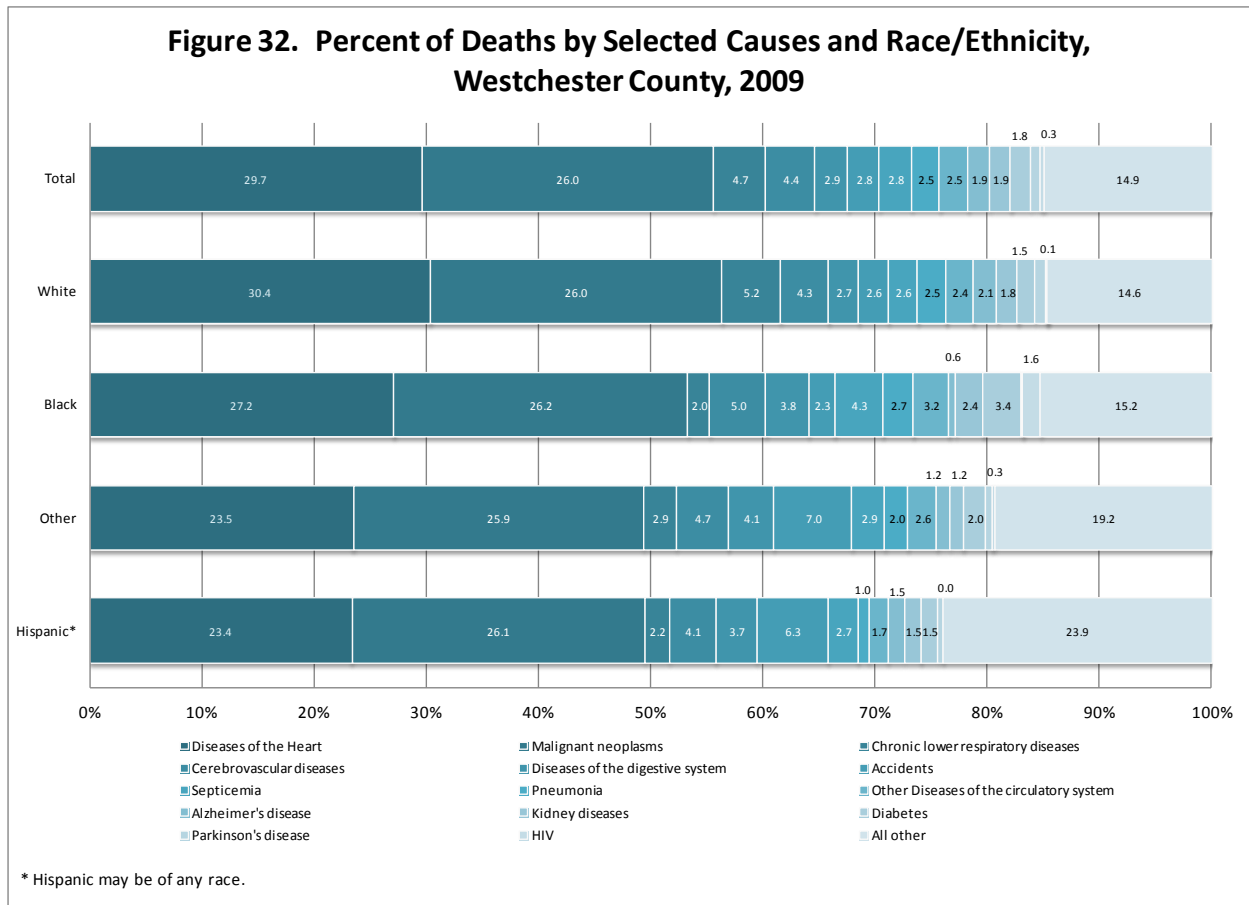


## Leading Causes of Death

- The top leading causes of death in Westchester in 2009 were diseases of the heart and malignant neoplasms for both men and women. Together, they accounted for 56% of all the deaths (Figure 31).

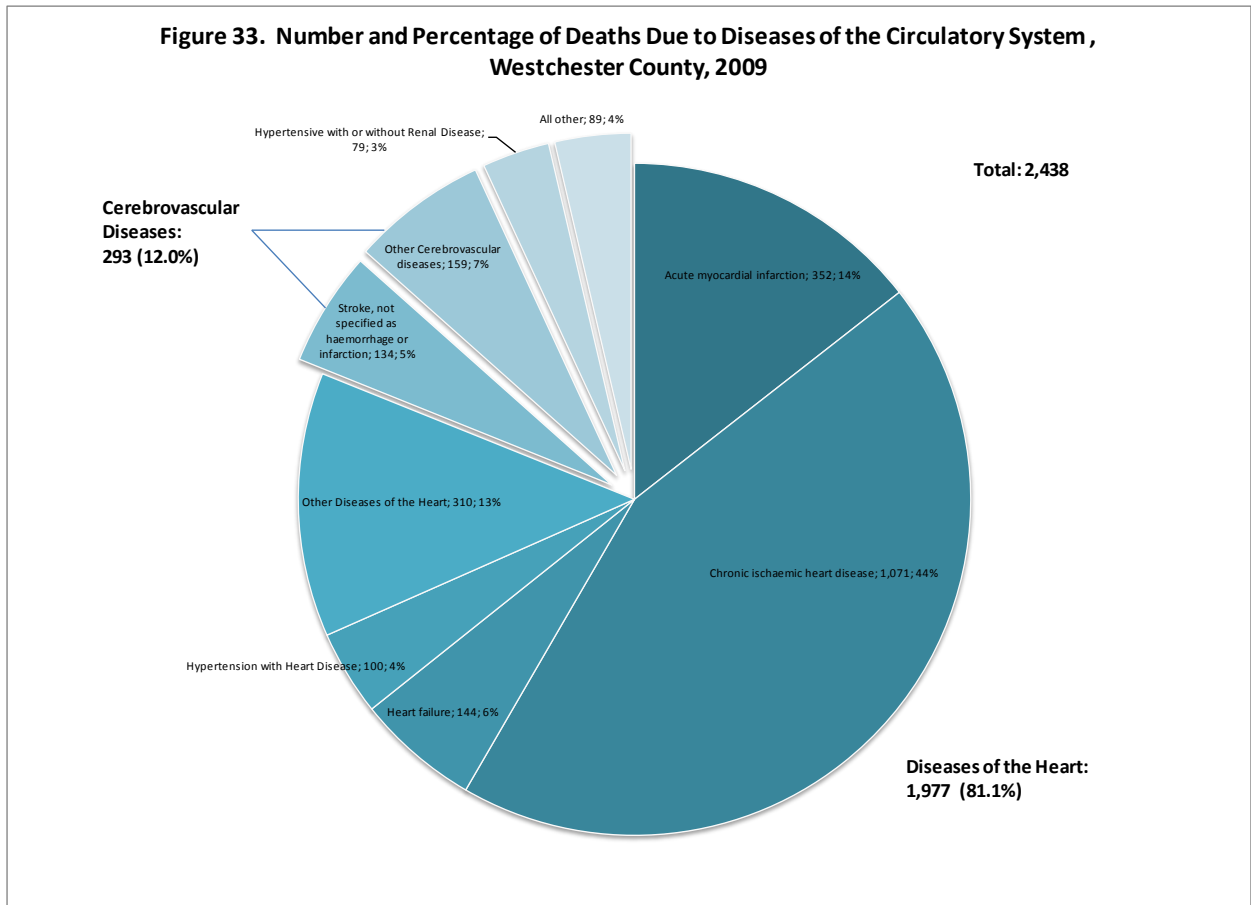


- While the top leading causes of deaths were diseases of the heart and malignant neoplasms for all races and ethnicity groups, blacks had a higher percentage of people dying from septicemia, kidney diseases, and diabetes than whites. Hispanics had a higher percentage of people dying from accidents (Figure 32).



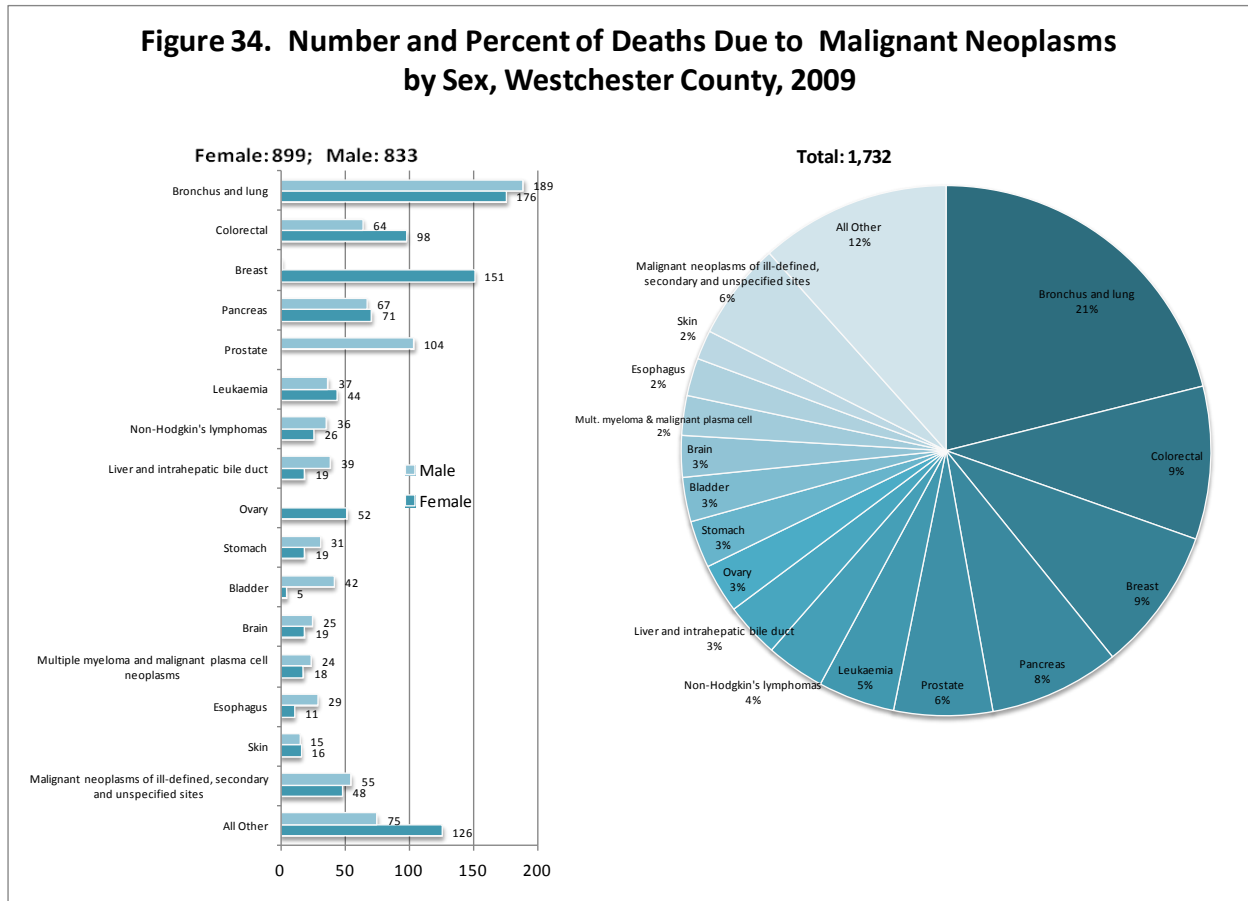
## Diseases of the Heart

- Among the 2,438 people who died of diseases of the circulatory system, 81% were due to the diseases of the heart (Figure 33).



## Malignant Neoplasm

- In 2009, malignant neoplasms were ranked second in the number of all deaths, accounting for 26% (1,732) of all deaths.
- Among all malignant neoplasm deaths, bronchus and lung cancer ranked first for both men and women. Breast cancer ranked the second for females and prostate cancer ranked second for males (Figure 34).



# Tables



**Table 1. Total Number of Births and Birth Rates by Municipality, Westchester County, 2009**

<b>Health Planning Region and Municipality</b>	<b>Number of Births</b>	<b>Birth Rates</b> <i>(per 1,000 population)</i>
<b>Westchester County</b>	<b>11,143</b>	<b>11.7</b>
<b>Northwest</b>	<b>1,615</b>	<b>11.0</b>
Briarcliff Manor (V)	58	7.4
Buchanan (V)	28	12.6
Cortlandt (TOV)	257	8.2
Croton-on-Hudson (V)	90	11.2
Mount Pleasant (TOV)	183	7.0
Ossining (TOV)	75	13.9
Ossining (V)	341	13.6
Peekskill (C)	378	16.0
Pleasantville (V)	61	8.7
Sleepy Hollow (V)	144	14.6
<b>Northeast</b>	<b>1,170</b>	<b>8.6</b>
Bedford (T)	189	10.9
Lewisboro (T)	67	5.4
Mount Kisco (T/V)	168	15.4
New Castle (T)	134	7.6
North Castle (T)	89	7.5
North Salem (T)	48	9.4
Pound Ridge (T)	35	6.9
Somers (T)	117	5.7
Yorktown (T)	323	9.0
<b>West Central</b>	<b>1,795</b>	<b>11.1</b>
Ardsley (V)	33	7.4
Dobbs Ferry (V)	88	8.1
Elmsford (V)	64	13.7
Greenburgh (TOV)	508	11.9
Hastings-on-Hudson (V)	39	5.0
Irvington (V)	60	9.3
Scarsdale (T/V)	123	7.2
Tarrytown (V)	154	13.7
White Plains (C)	726	12.8
<b>East Central</b>	<b>1,340</b>	<b>11.3</b>
Harrison (T/V)	229	8.3
Larchmont (V)	77	13.1
Mamaroneck (TOV)	133	11.1
Mamaroneck (V)	219	11.6
Port Chester (V)	478	16.5
Rye (C)	133	8.5
Rye Brook (V)	71	7.6
<b>Southwest</b>	<b>2,754</b>	<b>14.1</b>
Yonkers (C)	2,754	14.1
<b>Southeast</b>	<b>2,424</b>	<b>12.8</b>
Bronxville (V)	68	10.8
Eastchester (TOV)	219	11.2
Mount Vernon (C)	1,004	14.9
New Rochelle (C)	964	12.5
Pelham (V)	66	9.6
Pelham Manor (V)	32	5.8
Tuckahoe (V)	71	10.9
<b>Unknown</b>	<b>45</b>	<b>--</b>

Source: New York State Department of Health.

**Table 2. Average Maternal Age and Number of Births by Mother's Age and Municipality, Westchester County, 2009**

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+
<b>Westchester County</b>	<b>31.1</b>	<b>11,143</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
<b>Northwest</b>	<b>31.2</b>	<b>1,615</b>	<b>17</b>	<b>55</b>	<b>206</b>	<b>355</b>	<b>532</b>	<b>352</b>	<b>91</b>	<b>7</b>
Briarcliff Manor (V)	35.1	58	0	0	0	4	30	19	4	1
Buchanan (V)	31.9	28	0	1	4	5	10	5	3	0
Cortlandt (TOV)	33.0	257	2	3	16	40	107	69	18	2
Croton-on-Hudson (V)	33.4	90	1	2	6	14	32	20	13	2
Mount Pleasant (TOV)	33.2	183	0	2	9	36	63	64	8	1
Ossining (TOV)	30.5	75	0	3	10	17	31	11	3	0
Ossining (V)	29.8	341	7	17	52	96	86	68	15	0
Peekskill (C)	29.0	378	5	22	77	107	105	49	12	1
Pleasantville (V)	33.7	61	0	1	4	6	27	14	9	0
Sleepy Hollow (V)	30.6	144	2	4	28	30	41	33	6	0
<b>Northeast</b>	<b>33.4</b>	<b>1,170</b>	<b>1</b>	<b>15</b>	<b>73</b>	<b>190</b>	<b>419</b>	<b>365</b>	<b>101</b>	<b>6</b>
Bedford (T)	33.3	189	0	3	14	26	67	63	16	0
Lewisboro (T)	34.4	67	0	0	1	11	27	18	10	0
Mount Kisco (T/V)	31.1	168	0	4	26	39	49	39	10	1
New Castle (T)	34.3	134	0	1	5	15	52	45	16	0
North Castle (T)	34.2	89	1	1	1	13	33	31	9	0
North Salem (T)	34.7	48	0	0	4	9	10	14	7	4
Pound Ridge (T)	35.9	35	0	0	1	2	10	18	4	0
Somers (T)	33.5	117	0	0	7	23	41	37	9	0
Yorktown (T)	33.2	323	0	6	14	52	130	100	20	1
<b>West Central</b>	<b>32.2</b>	<b>1,795</b>	<b>18</b>	<b>40</b>	<b>175</b>	<b>336</b>	<b>621</b>	<b>477</b>	<b>118</b>	<b>10</b>
Ardsley (V)	34.8	33	0	0	1	4	10	16	2	0
Dobbs Ferry (V)	33.0	88	1	1	2	19	37	25	3	0
Elmsford (V)	30.1	64	1	0	12	19	19	9	4	0
Greenburgh (TOV)	32.2	508	2	11	49	110	159	139	35	3
Hastings-on-Hudson (V)	34.7	39	0	0	5	5	7	13	7	2
Irvington (V)	34.4	60	0	0	1	10	21	23	5	0
Scarsdale (T/V)	36.1	123	0	0	0	7	35	66	15	0
Tarrytown (V)	32.1	154	2	7	8	28	62	41	6	0
White Plains (C)	31.1	726	12	21	97	134	271	145	41	5
<b>East Central</b>	<b>32.0</b>	<b>1,340</b>	<b>13</b>	<b>29</b>	<b>154</b>	<b>246</b>	<b>452</b>	<b>340</b>	<b>94</b>	<b>12</b>
Harrison (T/V)	33.4	229	1	3	16	32	88	68	17	4
Larchmont (V)	34.3	77	0	0	1	11	30	32	3	0
Mamaroneck (TOV)	34.1	133	1	1	6	13	59	39	11	3
Mamaroneck (V)	32.8	219	1	2	25	31	76	65	16	3
Port Chester (V)	29.0	478	10	23	101	131	127	64	21	1
Rye (C)	34.9	133	0	0	2	15	50	50	15	1
Rye Brook (V)	33.9	71	0	0	3	13	22	22	11	0
<b>Southwest</b>	<b>29.4</b>	<b>2,754</b>	<b>75</b>	<b>143</b>	<b>508</b>	<b>706</b>	<b>774</b>	<b>430</b>	<b>111</b>	<b>7</b>
Yonkers (C)	29.4	2,754	75	143	508	706	774	430	111	7
<b>Southeast</b>	<b>30.8</b>	<b>2,424</b>	<b>39</b>	<b>87</b>	<b>370</b>	<b>537</b>	<b>724</b>	<b>529</b>	<b>131</b>	<b>7</b>
Bronxville (V)	35.7	68	0	0	0	4	22	36	6	0
Eastchester (TOV)	34.3	219	0	1	3	25	95	75	20	0
Mount Vernon (C)	29.4	1,004	27	52	212	247	237	180	48	1
New Rochelle (C)	30.5	964	12	30	149	237	312	175	45	4
Pelham (V)	33.2	66	0	3	3	11	20	25	4	0
Pelham Manor (V)	35.6	32	0	0	0	1	13	15	3	0
Tuckahoe (V)	33.6	71	0	1	3	12	25	23	5	2
<b>Unknown</b>	<b>31.2</b>	<b>45</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>17</b>	<b>9</b>	<b>4</b>	<b>0</b>

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, 2009**

Health Planning Region and Municipality	Percentage of Infants Born With		
	Low Birthweight <sup>1</sup>	<37 Weeks Gestation	Delayed or No Prenatal Care <sup>2</sup>
<b>Westchester County</b>	<b>8.4</b>	<b>13.3</b>	<b>27.1</b>
<b>Northwest</b>	<b>8.4</b>	<b>12.9</b>	<b>20.4</b>
Briarcliff Manor (V)	10.3	8.8	1.9
Buchanan (V)	7.1	11.1	23.1
Cortlandt (TOV)	11.7	16.0	14.8
Croton-on-Hudson (V)	4.4	10.7	15.1
Mount Pleasant (TOV)	7.7	15.0	15.9
Ossining (TOV)	9.3	17.8	16.9
Ossining (V)	6.2	12.8	23.6
Peekskill (C)	10.6	11.9	23.6
Pleasantville (V)	9.8	6.9	28.3
Sleepy Hollow (V)	4.2	11.3	29.1
<b>Northeast</b>	<b>7.7</b>	<b>10.0</b>	<b>12.0</b>
Bedford (T)	6.9	9.7	18.7
Lewisboro (T)	9.0	10.6	7.1
Mount Kisco (T/V)	7.7	13.2	10.2
New Castle (T)	10.4	9.1	16.8
North Castle (T)	6.7	9.3	4.9
North Salem (T)	6.3	4.3	15.2
Pound Ridge (T)	8.6	5.7	9.1
Somers (T)	7.7	10.3	9.3
Yorktown (T)	7.1	10.0	11.0
<b>West Central</b>	<b>7.3</b>	<b>12.7</b>	<b>22.8</b>
Ardsley (V)	0.0	16.1	9.7
Dobbs Ferry (V)	5.7	8.2	18.3
Elmsford (V)	10.9	13.1	27.1
Greenburgh (TOV)	7.9	13.7	23.2
Hastings-on-Hudson (V)	7.7	7.9	29.7
Irvington (V)	1.7	5.1	18.5
Scarsdale (T/V)	6.5	12.6	11.7
Tarrytown (V)	6.5	12.2	18.3
White Plains (C)	7.9	13.2	25.9
<b>East Central</b>	<b>5.7</b>	<b>11.3</b>	<b>29.1</b>
Harrison (T/V)	5.7	10.8	22.9
Larchmont (V)	1.3	6.6	15.9
Mamaroneck (TOV)	4.6	13.4	18.0
Mamaroneck (V)	7.3	16.1	31.1
Port Chester (V)	5.5	10.3	36.9
Rye (C)	6.8	10.8	22.2
Rye Brook (V)	7.0	7.2	20.7
<b>Southwest</b>	<b>9.4</b>	<b>15.6</b>	<b>35.3</b>
Yonkers (C)	9.4	15.6	35.3
<b>Southeast</b>	<b>9.7</b>	<b>14.5</b>	<b>31.3</b>
Bronxville (V)	10.3	22.2	9.8
Eastchester (TOV)	5.9	14.4	8.3
Mount Vernon (C)	12.9	16.1	39.6
New Rochelle (C)	7.6	12.9	30.6
Pelham (V)	7.6	9.4	21.8
Pelham Manor (V)	6.3	16.7	12.5
Tuckahoe (V)	8.5	10.4	19.7
<b>Unknown</b>	<b>6.7</b>	<b>10.0</b>	<b>45.5</b>

<sup>1</sup> 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).

<sup>2</sup> 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 care are excluded.

**Table 4. Number of Births by Mother's Age and Race/Ethnicity, Westchester County, 2009**

Mother's Age	Total <sup>1</sup>		White		Black		Other <sup>2</sup>		Hispanic <sup>3</sup>	
	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>6,258</b>	<b>100.0</b>	<b>1,616</b>	<b>100.0</b>	<b>3,255</b>	<b>100.0</b>	<b>3,872</b>	<b>100.0</b>
10-14	5	0.0	1	0.0	4	0.2	0	0.0	2	0.1
15-17	159	1.4	50	0.8	54	3.3	55	1.7	99	2.6
18-19	372	3.3	121	1.9	117	7.2	133	4.1	219	5.7
20-24	1,490	13.4	571	9.1	345	21.3	573	17.6	883	22.8
25-29	2,377	21.3	1,108	17.7	395	24.4	870	26.7	1,078	27.8
30-34	3,539	31.8	2,231	35.7	381	23.6	920	28.3	943	24.4
35-39	2,502	22.5	1,687	27.0	253	15.7	561	17.2	507	13.1
40-44	650	5.8	447	7.1	64	4.0	139	4.3	136	3.5
45+	49	0.4	42	0.7	3	0.2	4	0.1	5	0.1
Average Age	31.1		32.5		28.7		29.8		28.6	

<sup>1</sup>Total includes cases with unknown race.

<sup>2</sup>"Other" includes all other races, as well as multi-racial categories.

<sup>3</sup>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 5. Number of Births by Maternal Age and Mother's Region of Origin, Westchester County, 2009**

Maternal Age	Mother's Region of Origin															
	Total <sup>1</sup>	%	USA	%	Mexico	%	Central / South America	%	Caribbean	%	Asia / Oceania / Middle East	%	Europe / Canada / Australia / Russia	%	Africa	%
	<b>11,143</b>	<b>100.0</b>	<b>6,308</b>	<b>100.0</b>	<b>975</b>	<b>100.0</b>	<b>1,482</b>	<b>100.0</b>	<b>843</b>	<b>100.0</b>	<b>776</b>	<b>100.0</b>	<b>599</b>	<b>100.0</b>	<b>148</b>	<b>100.0</b>
10-14	5	0.0	5	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	159	1.4	104	1.6	26	2.7	22	1.5	7	0.8	0	0.0	0	0.0	0	0.0
18-19	372	3.3	236	3.7	42	4.3	50	3.4	34	4.0	6	0.8	1	0.2	2	1.4
20-24	1,490	13.4	726	11.5	269	27.6	282	19.0	130	15.4	37	4.8	31	5.2	12	8.1
25-29	2,377	21.3	1,136	18.0	276	28.3	437	29.5	234	27.8	154	19.8	97	16.2	39	26.4
30-34	3,539	31.8	2,100	33.3	227	23.3	396	26.7	226	26.8	309	39.8	232	38.7	46	31.1
35-39	2,502	22.5	1,564	24.8	114	11.7	224	15.1	158	18.7	218	28.1	185	30.9	38	25.7
40-44	650	5.8	398	6.3	21	2.2	69	4.7	54	6.4	47	6.1	52	8.7	9	6.1
45+	49	0.4	39	0.6	0	0.0	2	0.1	0	0.0	5	0.6	1	0.2	2	1.4

<sup>1</sup>Total includes unknown region of origin.

Source: New York State Department of Health.

**Table 6. Number of Births by Mother's Age and Educational Level, Westchester County, 2009**

Mother's Age	Total <sup>1</sup>		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	%
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>2,073</b>	<b>100.0</b>	<b>1,799</b>	<b>100.0</b>	<b>2,123</b>	<b>100.0</b>	<b>2,619</b>	<b>100.0</b>	<b>2,490</b>	<b>100.0</b>
10-14	5	0.0	5	0.2	0	0.0	0	0.0	0	0.0	0	0.0
15-17	159	1.4	143	6.9	15	0.8	1	0.0	0	0.0	0	0.0
18-19	372	3.3	176	8.5	127	7.1	68	3.2	0	0.0	0	0.0
20-24	1,490	13.4	511	24.7	467	26.0	401	18.9	89	3.4	18	0.7
25-29	2,377	21.3	544	26.2	453	25.2	557	26.2	487	18.6	329	13.2
30-34	3,539	31.8	408	19.7	420	23.3	581	27.4	1,020	38.9	1,095	44.0
35-39	2,502	22.5	222	10.7	231	12.8	382	18.0	819	31.3	841	33.8
40-44	650	5.8	62	3.0	80	4.4	127	6.0	190	7.3	186	7.5
45+	49	0.4	2	0.1	6	0.3	6	0.3	14	0.5	21	0.8
Average Age	31.1		27.2		28.6		30.3		33.6		34.3	

<sup>1</sup>Total 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, 2009**

Race/Ethnicity and Birthweight	Total <sup>1</sup>	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
<1500 grams	184	1.7	9	4	22	30	59	38	19	3
1500-2499 grams	746	6.7	16	28	109	143	215	179	52	4
2500 grams+	10,200	91.6	139	340	1,359	2,204	3,258	2,280	578	42
Not stated	13	--	0	0	0	0	7	5	1	0
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>51</b>	<b>121</b>	<b>571</b>	<b>1,108</b>	<b>2,231</b>	<b>1,687</b>	<b>447</b>	<b>42</b>
<1500 grams	86	1.4	0	1	8	8	30	24	13	2
1500-2499 grams	397	6.4	4	6	47	62	126	109	40	3
2500 grams+	5,767	92.3	47	114	516	1,038	2,072	1,550	393	37
Not Stated	8	--	0	0	0	0	3	4	1	0
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>58</b>	<b>117</b>	<b>345</b>	<b>395</b>	<b>381</b>	<b>253</b>	<b>64</b>	<b>3</b>
<1500 grams	63	3.9	8	1	11	11	17	12	3	0
1500-2499 grams	163	10.1	5	11	30	41	39	33	4	0
2500 grams+	1,388	86.0	45	105	304	343	323	208	57	3
Not Stated	2	--	0	0	0	0	2	0	0	0
<b>Other<sup>2</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>55</b>	<b>133</b>	<b>573</b>	<b>870</b>	<b>920</b>	<b>561</b>	<b>139</b>	<b>4</b>
<1500 grams	35	1.1	1	2	3	11	12	2	3	1
1500-2499 grams	185	5.7	7	11	32	40	49	37	8	1
2500 grams+	3,032	93.2	47	120	538	819	857	521	128	2
Not Stated	3	--	0	0	0	0	2	1	0	0
<b>Hispanic<sup>3</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>101</b>	<b>219</b>	<b>882</b>	<b>1,078</b>	<b>946</b>	<b>506</b>	<b>135</b>	<b>5</b>
<1500 grams	39	1.0	0	2	6	12	11	3	5	0
1500-2499 grams	226	5.8	10	16	54	52	58	25	11	0
2500 grams+	3,604	93.2	91	201	822	1,014	875	477	119	5
Not Stated	3	--	0	0	0	0	2	1	0	0

<sup>1</sup>Total includes cases with unknown age or race.

<sup>2</sup>"Other" includes all other races, as well as multi-racial categories.

<sup>3</sup>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 8. Average Birthweight by Maternal Exposure to Smoking and Drug Use During Pregnancy by Mother's Race/Ethnicity, Westchester County, 2009**

Mother's Race/Ethnicity		No Smoking & No Drug Use	Smoking Only <sup>1</sup>	Drug Use Only <sup>2</sup>	Both Smoking & Drug Use
<b>Total</b> <sup>3</sup>	Birthweight (g)	3,249	2,998 *	2,607 *	2,621 *
	n	9,943	167	26	21
<b>White</b>	Birthweight (g)	3,290	3,008	2,968	2,859
	n	5,318	91	9	7
<b>Black</b>	Birthweight (g)	3,096	2,920	2,290 *	2,503 *
	n	1,487	53	12	14
<b>Hispanic</b> <sup>4</sup>	Birthweight (g)	3,273	3,025 *	2,979	-- <sup>5</sup>
	n	3,663	38	7	N/A

<sup>1</sup> Any use of tobacco products during pregnancy.

<sup>2</sup> Any use of illegal drugs during pregnancy.

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

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

<sup>5</sup> 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, 2009**

Mother's Race/Ethnicity and Time Starting Prenatal Care	Total <sup>1</sup>	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
First Trimester (1st-3rd Month)	7,011	72.9	55	169	765	1463	2400	1704	424	31
Second Trimester (4th-6th Month)	2,145	22.3	68	122	490	521	505	335	95	9
Third Trimester (7th-9th Month)	381	4.0	14	42	106	91	74	45	8	1
No Prenatal Care	75	0.8	4	5	23	19	13	8	3	0
No Prenatal Care Information	1,531	-	23	34	106	283	547	410	120	8
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>51</b>	<b>121</b>	<b>571</b>	<b>1,108</b>	<b>2,231</b>	<b>1,687</b>	<b>447</b>	<b>42</b>
First Trimester (1st-3rd Month)	3,999	78.1	18	48	266	662	1522	1171	287	25
Second Trimester (4th-6th Month)	959	18.7	21	38	196	213	245	182	56	8
Third Trimester (7th-9th Month)	140	2.7	2	13	35	34	30	20	5	1
No Prenatal Care	24	0.5	0	4	10	6	3	1	0	0
No Prenatal Care Information	1,136	-	10	18	64	193	431	313	99	8
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>58</b>	<b>117</b>	<b>345</b>	<b>395</b>	<b>381</b>	<b>253</b>	<b>64</b>	<b>3</b>
First Trimester (1st-3rd Month)	862	60.3	17	47	165	218	230	147	36	2
Second Trimester (4th-6th Month)	427	29.9	23	43	105	98	82	62	13	1
Third Trimester (7th-9th Month)	102	7.1	7	16	34	25	13	6	1	0
No Prenatal Care	39	2.7	2	1	11	8	8	7	2	0
No Prenatal Care Information	186	-	9	10	30	46	48	31	12	0
<b>Other<sup>2</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>55</b>	<b>133</b>	<b>573</b>	<b>870</b>	<b>920</b>	<b>561</b>	<b>139</b>	<b>4</b>
First Trimester (1st-3rd Month)	2,138	70.2	20	73	333	580	642	385	101	4
Second Trimester (4th-6th Month)	758	24.9	24	41	189	210	177	91	26	0
Third Trimester (7th-9th Month)	138	4.5	5	13	37	31	31	19	2	0
No Prenatal Care	12	0.4	2	0	2	5	2	0	1	0
No Prenatal Care Information	209	-	4	6	12	44	68	66	9	0
<b>Hispanic<sup>3</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>101</b>	<b>219</b>	<b>882</b>	<b>1078</b>	<b>946</b>	<b>506</b>	<b>135</b>	<b>5</b>
First Trimester (1st-3rd Month)	2,246	64.1	37	101	460	649	595	320	81	3
Second Trimester (4th-6th Month)	1,073	30.6	46	74	304	280	217	116	34	2
Third Trimester (7th-9th Month)	165	4.7	6	22	50	38	26	21	2	0
No Prenatal Care	22	0.6	1	2	9	8	2	0	0	0
No Prenatal Care Information	366	-	11	20	59	103	106	49	18	0

<sup>1</sup> Total includes cases with unknown race.

<sup>2</sup> "Other" includes all other races, as well as multi-racial categories.

<sup>3</sup> 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, 2009**

Time Starting Prenatal Care	Total <sup>1</sup> %		Mother's Region of Origin													
			USA %		Mexico %		Central / South America %		Caribbean %		Asia / Oceania / Middle East %		Europe / Canada / Australia / Russia %		Africa %	
<b>Total</b>	<b>11,143</b>	<b>100.0</b>	<b>6,308</b>	<b>100.0</b>	<b>975</b>	<b>100.0</b>	<b>1,482</b>	<b>100.0</b>	<b>843</b>	<b>100.0</b>	<b>776</b>	<b>100.0</b>	<b>599</b>	<b>100.0</b>	<b>148</b>	<b>100.0</b>
First Trimester (1st-3rd Month)	7,011	72.9	4,047	76.8	509	56.5	904	66.2	508	66.8	544	79.5	407	82.4	83	64.8
Second Trimester (4th-6th Month)	2,145	22.3	998	18.9	335	37.2	406	29.7	189	24.8	109	15.9	79	16.0	28	21.9
Third Trimester (7th-9th Month)	381	4.0	169	3.2	51	5.7	50	3.7	57	7.5	30	4.4	8	1.6	16	12.5
No Prenatal Care	75	0.8	54	1.0	6	0.7	6	0.4	7	0.9	1	0.1	0	0.0	1	0.8
No Prenatal Care Information	1,531	--	1,040	--	74	--	116	--	82	--	92	--	105	--	20	--

<sup>1</sup> Total includes unknown region of origin.  
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, 2009**

Mother's Race/Ethnicity and Time Starting Prenatal Care	Total <sup>1</sup>	%	Mother's Educational Level				
			Less than High School	High School / GED	Some College or Associate's Degree	Bachelor's Degree	Graduate or Professional Degree
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>2,073</b>	<b>1,799</b>	<b>2,123</b>	<b>2,619</b>	<b>2,490</b>
First Trimester (1st-3rd Month)	7,011	72.9	1,051	1,001	1,335	1,812	1,798
Second Trimester (4th-6th Month)	2,145	22.3	688	482	471	278	217
Third Trimester (7th-9th Month)	381	4.0	122	98	83	48	28
No Prenatal Care	75	0.8	35	19	16	3	1
No Prenatal Care Information	1,531	-	177	199	218	478	446
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>680</b>	<b>752</b>	<b>1,061</b>	<b>1,830</b>	<b>1,918</b>
First Trimester (1st-3rd Month)	3,999	78.1	276	400	677	1,275	1,362
Second Trimester (4th-6th Month)	959	18.7	241	192	202	159	164
Third Trimester (7th-9th Month)	140	2.7	45	32	33	15	15
No Prenatal Care	24	0.5	14	5	2	2	0
No Prenatal Care Information	1,136	-	104	123	147	379	377
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>266</b>	<b>400</b>	<b>548</b>	<b>227</b>	<b>161</b>
First Trimester (1st-3rd Month)	862	60.3	99	187	311	148	116
Second Trimester (4th-6th Month)	427	29.9	91	118	153	39	19
Third Trimester (7th-9th Month)	102	7.1	24	35	26	13	3
No Prenatal Care	39	2.7	13	11	14	1	0
No Prenatal Care Information	186	-	39	49	44	26	23
<b>Other<sup>2</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>1,126</b>	<b>646</b>	<b>508</b>	<b>556</b>	<b>411</b>
First Trimester (1st-3rd Month)	2,138	70.2	675	413	343	383	320
Second Trimester (4th-6th Month)	758	24.9	356	172	115	80	34
Third Trimester (7th-9th Month)	138	4.5	53	31	23	20	10
No Prenatal Care	12	0.4	8	3	0	0	1
No Prenatal Care Information	209	-	34	27	27	73	46
<b>Hispanic<sup>3</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>1,629</b>	<b>932</b>	<b>714</b>	<b>368</b>	<b>218</b>
First Trimester (1st-3rd Month)	2,246	64.1	859	546	442	252	142
Second Trimester (4th-6th Month)	1,073	30.6	543	264	179	59	27
Third Trimester (7th-9th Month)	165	4.7	82	38	28	7	10
No Prenatal Care	22	0.6	16	5	0	1	0
No Prenatal Care Information	366	-	129	79	65	49	39

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

<sup>2</sup> "Other" includes all other races, as well as multi-racial categories.

<sup>3</sup> 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, 2009**

Mother's Race/Ethnicity and Gestational Age	Total <sup>1</sup>	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
37+ Weeks Gestation	9,138	86.7	104	287	1,178	1,942	2,975	2,109	510	33
35-36 Weeks Gestation	820	7.8	17	32	121	175	240	171	56	8
Less than 35 Weeks Gestation	586	5.6	19	18	86	108	177	121	51	6
Unknown	599	-	24	35	105	152	147	101	33	2
<b>Average Gestational Age (weeks)</b>	<b>38.3</b>									
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>51</b>	<b>121</b>	<b>571</b>	<b>1,108</b>	<b>2,231</b>	<b>1,687</b>	<b>447</b>	<b>42</b>
37+ Weeks Gestation	5,222	87.7	38	81	449	922	1,905	1,444	355	28
35-36 Weeks Gestation	427	7.2	2	13	47	68	145	109	36	7
Less than 35 Weeks Gestation	302	5.1	4	9	27	42	101	80	34	5
Unknown	307	-	7	18	48	76	80	54	22	2
<b>Average Gestational Age (weeks)</b>	<b>38.4</b>									
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>58</b>	<b>117</b>	<b>345</b>	<b>395</b>	<b>381</b>	<b>253</b>	<b>64</b>	<b>3</b>
37+ Weeks Gestation	1,200	80.9	30	93	257	297	289	187	45	2
35-36 Weeks Gestation	150	10.1	8	9	30	37	33	24	8	1
Less than 35 Weeks Gestation	134	9.0	10	4	27	30	33	22	8	0
Unknown	132	-	10	11	31	31	26	20	3	0
<b>Average Gestational Age (weeks)</b>	<b>37.9</b>									
<b>Other<sup>2</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>55</b>	<b>133</b>	<b>573</b>	<b>870</b>	<b>920</b>	<b>561</b>	<b>139</b>	<b>4</b>
37+ Weeks Gestation	2,704	87.4	36	112	471	719	775	478	110	3
35-36 Weeks Gestation	241	7.8	7	10	44	70	61	37	12	0
Less than 35 Weeks Gestation	150	4.8	5	5	32	36	43	19	9	1
Unknown	160	-	7	6	26	45	41	27	8	0
<b>Average Gestational Age (weeks)</b>	<b>38.4</b>									
<b>Hispanic<sup>3</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>101</b>	<b>219</b>	<b>882</b>	<b>1078</b>	<b>946</b>	<b>506</b>	<b>135</b>	<b>5</b>
37+ Weeks Gestation	3,142	86.6	71	167	709	875	784	429	102	5
35-36 Weeks Gestation	291	8.0	9	20	69	79	63	37	14	0
Less than 35 Weeks Gestation	195	5.4	9	13	45	50	50	17	11	0
Unknown	244	-	12	19	59	74	49	23	8	0
<b>Average Gestational Age (weeks)</b>	<b>38.4</b>									

<sup>1</sup> Total includes cases with unknown race.

<sup>2</sup> "Other" includes all other races, as well as multi-racial categories.

<sup>3</sup> 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, 2009**

Mother's Race/Ethnicity and Financial Coverage	Total <sup>1</sup> %		Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
Medicaid / Family Health Plus	4,013	38.4	144	312	1,114	1,091	838	404	105	5
Private or Other Insurance <sup>2</sup>	6,353	60.7	19	52	343	1,158	2,403	1,857	482	39
Self-Pay	96	0.9	1	6	18	31	24	12	4	0
Unknown Coverage	681	-	0	2	15	97	274	229	59	5
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>51</b>	<b>121</b>	<b>571</b>	<b>1,108</b>	<b>2,231</b>	<b>1,687</b>	<b>447</b>	<b>42</b>
Medicaid / Family Health Plus	1,381	24.4	47	106	400	373	280	139	33	3
Private or Other Insurance <sup>2</sup>	4,259	75.1	4	13	149	647	1,704	1,349	359	34
Self-Pay	30	0.5	0	1	7	8	6	6	2	0
Unknown Coverage	588	-	0	1	15	80	241	193	53	5
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>58</b>	<b>117</b>	<b>345</b>	<b>395</b>	<b>381</b>	<b>253</b>	<b>64</b>	<b>3</b>
Medicaid / Family Health Plus	835	52.7	50	93	245	203	146	80	16	2
Private or Other Insurance <sup>2</sup>	735	46.4	8	23	96	178	221	163	45	1
Self-Pay	14	0.9	0	0	4	6	2	2	0	0
Unknown Coverage	32	-	0	1	0	8	12	8	3	0
<b>Other<sup>3</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>55</b>	<b>133</b>	<b>573</b>	<b>870</b>	<b>920</b>	<b>561</b>	<b>139</b>	<b>4</b>
Medicaid / Family Health Plus	1,793	56.1	47	112	468	515	410	185	56	0
Private or Other Insurance <sup>2</sup>	1,349	42.2	7	16	98	329	473	344	78	4
Self-Pay	52	1.6	1	5	7	17	16	4	2	0
Unknown Coverage	61	-	0	0	0	9	21	28	3	0
<b>Hispanic<sup>4</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>101</b>	<b>219</b>	<b>882</b>	<b>1078</b>	<b>946</b>	<b>506</b>	<b>135</b>	<b>5</b>
Medicaid / Family Health Plus	2,594	68.8	91	194	728	703	556	257	63	2
Private or Other Insurance <sup>2</sup>	1,130	30.0	9	20	132	329	348	225	64	3
Self-Pay	48	1.3	1	4	11	17	9	4	2	0
Unknown Coverage	100	-	0	1	11	29	33	20	6	0

<sup>1</sup> Total includes cases with unknown race or age.

<sup>2</sup> "Other Insurance" includes all other forms of private and government insurance.

<sup>2</sup> "Other" includes all other races, as well as multi-racial categories.

<sup>3</sup> 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 Region of Origin, Westchester County, 2009**

Financial Coverage	Total <sup>1</sup> %		Mother's Region of Origin													
			USA %		Mexico %		Central / South America %		Caribbean %		Asia / Oceana/ Middle East %		Europe / Canada / Australia / Russia %		Africa %	
<b>Total</b>	<b>11,143</b>	<b>100.0</b>	<b>6,308</b>	<b>100.0</b>	<b>975</b>	<b>100.0</b>	<b>1,482</b>	<b>100.0</b>	<b>843</b>	<b>100.0</b>	<b>776</b>	<b>100.0</b>	<b>599</b>	<b>100.0</b>	<b>148</b>	<b>100.0</b>
Medicaid / Family Health Plus	4,013	38.4	1,416	24.4	821	85.8	1077	74.7	422	50.9	131	17.8	75	14.0	66	46.2
Private or Other Insurance	6,353	60.7	4,361	75.1	127	13.3	340	23.6	403	48.6	591	80.5	458	85.4	69	48.3
Self-Pay	96	0.9	33	0.6	9	0.9	25	1.7	4	0.5	12	1.6	3	0.6	8	5.6
Unknown Coverage	681	--	498	--	18	--	40	--	14	--	42	--	63	--	5	--

<sup>1</sup> Total includes unknown region of origin.  
Source: New York State Department of Health.

**Table 15. Number of Births by Delivery Method and Mother's Age and Race/Ethnicity, Westchester County, 2009**

Mother's Race/Ethnicity and Delivery Method	Total <sup>1</sup>	%	Mother's Age							
			10-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total<sup>1</sup></b>	<b>11,143</b>	<b>100.0</b>	<b>164</b>	<b>372</b>	<b>1,490</b>	<b>2,377</b>	<b>3,539</b>	<b>2,502</b>	<b>650</b>	<b>49</b>
Vaginal Delivery	6,494	58.3	111	245	983	1507	2080	1253	301	14
Vaginal Birth After Cesarean	85	0.8	0	2	6	22	33	18	4	0
Primary Cesarean Section	2,856	25.7	50	109	364	581	863	673	188	28
Repeat Cesarean Section	1,695	15.2	3	16	137	265	556	555	156	7
Unknown Delivery Method	13	--	0	0	0	2	7	3	1	0
<b>White</b>	<b>6,258</b>	<b>100.0</b>	<b>51</b>	<b>121</b>	<b>571</b>	<b>1,108</b>	<b>2,231</b>	<b>1,687</b>	<b>447</b>	<b>42</b>
Vaginal Delivery	3,553	56.9	33	74	365	697	1314	843	213	14
Vaginal Birth After Cesarean	36	0.6	0	0	1	10	15	7	3	0
Primary Cesarean Section	1,702	27.2	17	38	158	292	572	469	133	23
Repeat Cesarean Section	958	15.3	1	9	47	108	325	365	98	5
Unknown Delivery Method	9	--	0	0	0	1	5	3	0	0
<b>Black</b>	<b>1,616</b>	<b>100.0</b>	<b>58</b>	<b>117</b>	<b>345</b>	<b>395</b>	<b>381</b>	<b>253</b>	<b>64</b>	<b>3</b>
Vaginal Delivery	884	54.7	35	73	223	229	197	106	21	0
Vaginal Birth After Cesarean	17	1.1	0	0	1	4	8	4	0	0
Primary Cesarean Section	465	28.8	22	41	99	114	95	73	20	1
Repeat Cesarean Section	250	15.5	1	3	22	48	81	70	23	2
Unknown Delivery Method	0	--	0	0	0	0	0	0	0	0
<b>Other<sup>2</sup></b>	<b>3,255</b>	<b>100.0</b>	<b>55</b>	<b>133</b>	<b>573</b>	<b>870</b>	<b>920</b>	<b>561</b>	<b>139</b>	<b>4</b>
Vaginal Delivery	2,049	63.0	43	97	394	578	566	304	67	0
Vaginal Birth After Cesarean	32	1.0	0	2	4	8	10	7	1	0
Primary Cesarean Section	685	21.1	11	30	107	175	193	130	35	4
Repeat Cesarean Section	485	14.9	1	4	68	108	149	120	35	0
Unknown Delivery Method	4	--	0	0	0	1	2	0	1	0
<b>Hispanic<sup>3</sup></b>	<b>3,872</b>	<b>100.0</b>	<b>101</b>	<b>219</b>	<b>882</b>	<b>1078</b>	<b>946</b>	<b>506</b>	<b>135</b>	<b>5</b>
Vaginal Delivery	2,330	60.2	73	147	586	685	536	238	62	3
Vaginal Birth After Cesarean	40	1.0	0	2	5	13	10	9	1	0
Primary Cesarean Section	884	22.8	26	58	192	225	217	124	40	2
Repeat Cesarean Section	617	15.9	2	12	99	155	182	135	32	0
Unknown Delivery Method	1	--	0	0	0	0	1	0	0	0

<sup>1</sup> Total includes cases with unknown race.

<sup>2</sup> "Other" includes all other races, as well as multi-racial categories.

<sup>3</sup> 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, 2009**

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
<b>Total<sup>1</sup></b>	<b>14,856</b>	<b>11,143</b>	<b>261</b>	<b>3,452</b>	<b>75.0</b>	<b>1.76</b>	<b>23.2</b>
10-14	19	5	0	14	26.3	0.00	73.7
15-17	378	159	2	217	42.1	0.53	57.4
18-19	710	372	5	333	52.4	0.70	46.9
20-24	2,517	1,490	21	1,006	59.2	0.83	40.0
25-29	3,231	2,377	44	810	73.6	1.36	25.1
30-34	4,133	3,539	78	516	85.6	1.89	12.5
35-39	2,952	2,502	69	381	84.8	2.34	12.9
40-44	821	650	33	138	79.2	4.02	16.8
45+	72	49	8	15	68.1	11.11	20.8
Unknown	23	0	1	22	0.0	4.35	95.7
<b>White Non-Hispanic</b>	<b>5,519</b>	<b>4,666</b>	<b>148</b>	<b>705</b>	<b>84.5</b>	<b>2.68</b>	<b>12.8</b>
10-14	2	0	0	2	0.0	0.00	100.0
15-17	40	3	0	37	7.5	0.00	92.5
18-19	91	21	4	66	23.1	4.40	72.5
20-24	406	206	5	195	50.7	1.23	48.0
25-29	855	701	13	141	82.0	1.52	16.5
30-34	2,004	1,843	51	110	92.0	2.54	5.5
35-39	1,606	1,470	44	92	91.5	2.74	5.7
40-44	460	385	25	50	83.7	5.43	10.9
45+	49	37	5	7	75.5	10.20	14.3
Unknown	6	0	1	5	0.0	16.67	83.3
<b>Black Non-Hispanic</b>	<b>2,908</b>	<b>1,517</b>	<b>45</b>	<b>1,346</b>	<b>52.2</b>	<b>1.55</b>	<b>46.3</b>
10-14	9	3	0	6	33.3	0.00	66.7
15-17	143	52	2	89	36.4	1.40	62.2
18-19	250	112	0	138	44.8	0.00	55.2
20-24	763	323	10	430	42.3	1.31	56.4
25-29	691	364	9	318	52.7	1.30	46.0
30-34	558	358	9	191	64.2	1.61	34.2
35-39	374	240	10	124	64.2	2.67	33.2
40-44	109	62	3	44	56.9	2.75	40.4
45+	6	3	2	1	50.0	33.33	16.7
Unknown	5	0	0	5	0.0	0.00	100.0
<b>Hispanic<sup>2</sup></b>	<b>5,129</b>	<b>3,872</b>	<b>42</b>	<b>1,215</b>	<b>75.5</b>	<b>0.82</b>	<b>23.7</b>
10-14	7	2	0	5	28.6	0.00	71.4
15-17	185	99	0	86	53.5	0.00	46.5
18-19	342	219	1	122	64.0	0.29	35.7
20-24	1,222	882	6	334	72.2	0.49	27.3
25-29	1,392	1,078	16	298	77.4	1.15	21.4
30-34	1,144	946	8	190	82.7	0.70	16.6
35-39	646	506	9	131	78.3	1.39	20.3
40-44	173	135	2	36	78.0	1.16	20.8
45+	11	5	0	6	45.5	0.00	54.5
Unknown	7	0	0	7	0.0	0.00	100.0

<sup>1</sup> Total includes 'other' and 'unknown' races.

<sup>2</sup> 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, 2009**

<b>Health Planning Region and Municipality</b>	<b>Number of Deaths</b>	<b>Number of Infant Deaths</b>	<b>Death Rate (per 100,000 population)</b>	<b>Infant Mortality Rate (per 1,000 live births)</b>
<b>Westchester County</b>	<b>6,664</b>	<b>63</b>	<b>702.1</b>	<b>5.7</b>
<b>Northwest</b>	<b>1,038</b>	<b>11</b>	<b>708.2</b>	<b>6.8</b>
Briarcliff Manor (V)	75	0	953.3	0.0
Buchanan (V)	12	0	538.1	0.0
Cortlandt (TOV)	268	1	856.4	3.9
Croton-on-Hudson (V)	81	0	1,003.7	0.0
Mount Pleasant (TOV)	122	1	466.1	5.5
Ossining (TOV)	105	2	1,942.3	26.7
Ossining (V)	103	1	411.0	2.9
Peekskill (C)	197	5	835.3	13.2
Pleasantville (V)	39	0	555.6	0.0
Sleepy Hollow (V)	36	1	364.7	6.9
<b>Northeast</b>	<b>830</b>	<b>4</b>	<b>606.9</b>	<b>3.4</b>
Bedford (T)	68	0	392.3	0.0
Lewisboro (T)	42	0	338.4	0.0
Mount Kisco (T/V)	71	1	652.8	6.0
New Castle (T)	57	0	324.4	0.0
North Castle (T)	56	1	472.9	11.2
North Salem (T)	46	0	901.3	0.0
Pound Ridge (T)	21	0	411.4	0.0
Somers (T)	182	0	890.7	0.0
Yorktown (T)	287	2	795.4	6.2
<b>West Central</b>	<b>1,080</b>	<b>5</b>	<b>664.9</b>	<b>2.8</b>
Ardsville (V)	22	0	494.2	0.0
Dobbs Ferry (V)	88	0	809.2	0.0
Elmsford (V)	20	0	428.8	0.0
Greenburgh (TOV)	314	2	732.6	3.9
Hastings-on-Hudson (V)	67	0	853.6	0.0
Irvington (V)	31	0	482.9	0.0
Scarsdale (T/V)	58	0	337.9	0.0
Tarrytown (V)	88	1	780.3	6.5
White Plains (C)	392	2	689.5	2.8
<b>East Central</b>	<b>759</b>	<b>8</b>	<b>641.7</b>	<b>6.0</b>
Harrison (T/V)	147	2	535.1	8.7
Larchmont (V)	31	1	528.6	13.0
Mamaroneck (TOV)	60	0	501.0	0.0
Mamaroneck (V)	142	0	750.2	0.0
Port Chester (V)	153	3	528.2	6.3
Rye (C)	136	0	865.1	0.0
Rye Brook (V)	90	2	962.9	28.2
<b>Southwest</b>	<b>1,460</b>	<b>19</b>	<b>745.0</b>	<b>6.9</b>
Yonkers (C)	1,460	19	745.0	6.9
<b>Southeast</b>	<b>1,376</b>	<b>15</b>	<b>727.6</b>	<b>6.2</b>
Bronxville (V)	25	0	395.4	0.0
Eastchester (TOV)	138	2	705.7	9.1
Mount Vernon (C)	517	7	768.3	7.0
New Rochelle (C)	588	6	763.0	6.2
Pelham (V)	32	0	463.1	0.0
Pelham Manor (V)	35	0	638.0	0.0
Tuckahoe (V)	41	0	632.1	0.0
<b>Unknown</b>	<b>121</b>	<b>1</b>	<b>--</b>	<b>--</b>

Source: New York State Department of Health.

**Table 18. Number of Deaths, Death Rates, and Average Age of Death by Sex, Westchester County, 2009**

	<b>Total</b>	<b>Female</b>	<b>Male</b>
<b>Number of Deaths</b>			
<b>Total<sup>1</sup></b>	<b>6,664</b>	<b>3,519</b>	<b>3,145</b>
0-4	76	37	39
5-9	5	2	3
10-19	22	6	16
20-29	70	20	50
30-39	89	28	61
40-49	220	89	131
50-59	511	212	299
60-69	766	337	429
70-79	1,242	575	667
80+	3,662	2,213	1,449
Unknown	1	0	1
<b>Death Rate</b> <i>(per 100,000)</i>	702.1	770.6	638.6
<b>Average Age of Death</b>	76.5	79.5	73.2

Source: New York State Department of Health.



**Table 19. Number of Deaths, Death Rates, and Average Age of Death by Race/Ethnicity, Westchester County, 2009**

	<b>Total</b>	<b>White</b>	<b>Black</b>	<b>Other</b>	<b>Hispanic<sup>2</sup></b>
<b>Number of Deaths</b>					
<b>Total<sup>1</sup></b>	<b>6,664</b>	<b>5,496</b>	<b>816</b>	<b>344</b>	<b>410</b>
0-4	76	37	21	18	26
5-9	5	3	1	1	1
10-19	22	12	5	5	4
20-29	70	42	18	9	20
30-39	89	50	23	16	19
40-49	220	147	45	28	36
50-59	511	349	124	37	60
60-69	766	563	135	67	66
70-79	1,242	1,013	170	59	66
80+	3,662	3,280	274	104	112
Unknown	1	0	0	0	0
<b>Death Rate</b> <i>(per 100,000)</i>	702.0	850.2	590.8	209.1	198.0
<b>Average Age of Death</b>	76.5	78.6	67.9	64.2	61.7

1. Total including unknown races.

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 20. Number of Infant Deaths and Infant Mortality Rates by Race/Ethnicity, Westchester County, 2002-2009**

	Total <sup>1</sup>	White	Black	Other	Hispanic <sup>2</sup>
<b>Number of Infant Deaths</b>					
2009	63	31	18	14	19
2008	59	32	17	10	19
2007	57	29	21	7	17
2006	45	23	13	9	19
2005	60	28	12	20	23
2004	55	23	23	9	10
2003	59	27	24	8	15
2002	57	37	17	3	16
<b>Infant Mortality Rate (per 1,000 live births)</b>					
2009	5.7	5.0	11.1	4.3	4.9
2008	5.1	4.9	10.1	3.1	4.8
2007	4.8	4.1	12.4	2.3	4.5
2006	3.8	3.2	7.9	2.9	4.8
2005	5.0	3.7	7.0	7.3	5.9
2004	4.4	2.8	12.7	4.0	2.7
2003	4.6	2.7	12.9	10.0	4.3
2002	4.5	3.8	8.7	3.6	4.8

<sup>1</sup> Totals include unknown race.

<sup>2</sup> 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, New York City, and the United States, 2009**

Cause of Death	Westchester County	New York State	New York City	NYS Excluding NYC	U.S.A.
<b>Total</b>	6,664	144,874	51,449	93,425	2,436,652
<b>Rate<sup>1</sup></b>	702.1	741.4	613.1	837.9	793.7
<b>Diseases of the Heart</b>					
Number	1,977	46,312	19,715	26,597	598,607
Rate	208.3	237.0	234.9	238.5	195.0
Rank	[1]	[1]	[1]	[1]	[1]
<b>Malignant Neoplasms</b>					
Number	1,732	34,822	12,279	22,543	568,668
Rate	182.5	178.2	146.3	202.2	185.2
Rank	[2]	[2]	[2]	[2]	[2]
<b>Chronic Lower Respiratory Disease (CLRD)</b>					
Number	311	6,661	1,532	5,219	137,082
Rate	32.8	34.1	18.3	46.0	44.7
Rank	[3]	[3]	[5]	[3]	[3]
<b>Cerebrovascular Diseases</b>					
Number	293	5,823	1,504	4,319	128,603
Rate	30.9	29.8	17.9	38.7	41.9
Rank	[4]	[4]	[6]	[4]	[4]
<b>Accidents</b>					
Number	188	4,268	1,387	2,881	117,176
Rate	19.8	21.8	16.5	25.8	38.2
Rank	[5]	[6]	[7]	[5]	[5]
<b>Septicemia</b>					
Number	188	2,288	304	1,984	35,587
Rate	19.8	11.7	3.6	17.8	11.6
Rank	[5]	[9]	[15]	[8]	[11]
<b>Pneumonia and Influenza</b>					
Number	169	4,384	2,188	2,196	53,582
Rate	17.8	22.5	26.1	19.7	17.5
Rank	[6]	[5]	[3]	[6]	[8]
<b>Alzheimer's disease</b>					
Number	127	n.a	n.a	n.a	78,889
Rate	13.4				25.7
Rank	[7]				[6]
<b>Diabetes Mellitus</b>					
Number	118	3,684	1,653	2,031	68,504
Rate	12.4	18.9	19.7	18.2	22.3
Rank	[8]	[7]	[4]	[7]	[7]
<b>Nephritis, Nephrotic, Colitis, Diverticulitis</b>					
Number	115	2,392	412	1,980	48,714
Rate	12.1	12.2	4.9	17.8	15.9
Rank	[9]	[8]	[13]	[9]	[9]

<sup>1</sup> 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](http://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 by Selected Causes and Sex, Westchester County, 2009**

	<b>Total</b>	<b>Female</b>	<b>Male</b>
<b>Total</b>	<b>6,664</b>	<b>3,519</b>	<b>3,145</b>
<b>Diseases of the circulatory system</b>	<b>2,438</b>	<b>1,321</b>	<b>1,117</b>
Diseases of the Heart	1,977	1,050	927
Cerebrovascular diseases	293	178	115
Other	168	93	75
<b>Neoplasms</b>	<b>1,779</b>	<b>921</b>	<b>858</b>
Malignant neoplasms	1,732	899	833
Benign neoplasms	6	4	2
Neoplasms of uncertain or unknown behaviour	41	18	23
<b>Diseases of the respiratory system</b>	<b>640</b>	<b>344</b>	<b>296</b>
Pneumonia	169	90	79
Chronic lower respiratory diseases	311	178	133
Other	160	76	84
<b>External causes of morbidity and mortality</b>	<b>280</b>	<b>78</b>	<b>202</b>
Accidents	188	55	133
Intentional self-harm (Suicide)	50	7	43
Assault (Homicide)	21	3	18
Complications of medical and surgical care	12	9	3
Sequelae of external causes of morbidity	1	1	0
Other	8	3	5
<b>Certain infectious and parasitic diseases</b>	<b>265</b>	<b>136</b>	<b>129</b>
Septicemia	188	107	81
Viral hepatitis	18	4	14
Human immunodeficiency virus [HIV] disease	18	5	13
Other	41	20	21
<b>Diseases of the nervous system</b>	<b>268</b>	<b>157</b>	<b>111</b>
Parkinson's disease	62	29	33
Alzheimer's disease	127	93	34
Other	79	35	44
<b>Diseases of the digestive system</b>	<b>194</b>	<b>96</b>	<b>98</b>
Gastritis, Enteritis, Colitis, Diverticulitis	8	3	5
Diseases of liver	82	31	51
<i>Chronic liver diseases, including Cirrhosis</i>	60	20	40
<i>Other</i>	22	11	11
Other	104	62	42
<b>Endocrine, nutritional and metabolic diseases</b>	<b>174</b>	<b>91</b>	<b>83</b>
Diabetes mellitus	118	62	56
Other	56	29	27
<b>Diseases of the genitourinary system</b>	<b>167</b>	<b>101</b>	<b>66</b>
Kidney diseases	126	71	55
Renal failure	115	63	52
Other	11	8	3
Other	41	30	11
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>118</b>	<b>54</b>	<b>64</b>
<b>Certain conditions originating in the perinatal period</b>	<b>41</b>	<b>19</b>	<b>22</b>
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>9</b>	<b>2</b>	<b>7</b>
<b>Other</b>	<b>291</b>	<b>199</b>	<b>92</b>

Source: New York State Department of Health.

**Table 23. Number of Deaths by Selected Causes and Age, Westchester County, 2009**

	Total	<1	1-29	30-49	50-64	65-79	80+
<b>Total</b>	<b>6,664</b>	<b>63</b>	<b>110</b>	<b>309</b>	<b>852</b>	<b>1,667</b>	<b>3,662</b>
<b>Diseases of the circulatory system</b>	<b>2,438</b>	<b>3</b>	<b>8</b>	<b>56</b>	<b>209</b>	<b>537</b>	<b>1,624</b>
Diseases of the Heart	1,977	2	4	48	168	426	1,328
Cerebrovascular diseases	293	1	3	6	28	68	187
Other	168	0	1	2	13	43	109
<b>Neoplasms</b>	<b>1,779</b>	<b>0</b>	<b>14</b>	<b>80</b>	<b>376</b>	<b>646</b>	<b>663</b>
Malignant neoplasms	1,732	0	12	78	371	639	632
Benign neoplasms	6	0	0	0	1	1	4
Neoplasms of uncertain or unknown behaviour	41	0	2	2	4	6	27
<b>Diseases of the respiratory system</b>	<b>640</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>45</b>	<b>157</b>	<b>425</b>
Pneumonia	169	0	0	3	12	24	130
Chronic lower respiratory diseases	311	0	1	3	19	99	189
Other	160	2	1	3	14	34	106
<b>External causes of morbidity and mortality</b>	<b>280</b>	<b>1</b>	<b>48</b>	<b>73</b>	<b>48</b>	<b>41</b>	<b>69</b>
Accidents	188	1	28	43	28	30	58
Intentional self-harm (Suicide)	50	0	7	20	14	5	4
Assault (Homicide)	21	0	10	9	1	1	0
Legal intervention and operations of war	0	0	0	0	0	0	0
Complications of medical and surgical care	12	0	0	0	4	3	5
Sequelae of external causes of morbidity	1	0	0	0	0	1	0
Other	8	0	3	1	1	1	2
<b>Certain infectious and parasitic diseases</b>	<b>265</b>	<b>3</b>	<b>4</b>	<b>13</b>	<b>46</b>	<b>66</b>	<b>133</b>
Septicemia	188	1	2	5	23	48	109
Viral hepatitis	18	0	0	0	11	5	2
Human immunodeficiency virus [HIV] disease	18	0	0	6	10	2	0
Other	41	2	2	2	2	11	22
<b>Diseases of the nervous system</b>	<b>268</b>	<b>3</b>	<b>7</b>	<b>9</b>	<b>16</b>	<b>47</b>	<b>186</b>
Parkinson's disease	62	0	0	0	1	9	52
Alzheimer's disease	127	0	0	0	1	11	115
Other	79	3	7	9	14	27	19
<b>Diseases of the digestive system</b>	<b>194</b>	<b>0</b>	<b>2</b>	<b>15</b>	<b>48</b>	<b>47</b>	<b>82</b>
Gastritis, Enteritis, Colitis, Diverticulities	8	0	0	0	1	2	5
Diseases of liver	82	0	1	11	35	21	14
<i>Chronic liver diseases, including Cirrhosis</i>	60	0	0	8	29	15	8
<i>Other</i>	22	0	1	3	6	6	6
Other	104	0	1	4	12	24	63
<b>Endocrine, nutritional and metabolic diseases</b>	<b>174</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>21</b>	<b>48</b>	<b>93</b>
Diabetes mellitus	118	0	1	7	13	34	63
Other	56	0	2	2	8	14	30
<b>Diseases of the genitourinary system</b>	<b>167</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>41</b>	<b>114</b>
Kidney diseases	126	0	1	2	7	33	83
<i>Nephritis, Nephrotic, Colitis, Diverticulitis</i>	115	0	1	2	6	29	77
<i>Other</i>	11	0	0	0	1	4	6
Other	41	1	0	0	1	8	31
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>118</b>	<b>6</b>	<b>11</b>	<b>38</b>	<b>26</b>	<b>12</b>	<b>25</b>
<b>Certain conditions originating in the perinatal period</b>	<b>41</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>9</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Other</b>	<b>291</b>	<b>0</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>24</b>	<b>245</b>

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

**Table 24. Number of Deaths by Selected Causes and Race/Ethnicity, Westchester County, 2009**

	Total <sup>1</sup>	White	Black	Other	Hispanic <sup>2</sup>
<b>Total</b>	<b>6,664</b>	<b>5,496</b>	<b>817</b>	<b>344</b>	<b>410</b>
<b>Diseases of the circulatory system</b>	<b>2,438</b>	<b>2,039</b>	<b>289</b>	<b>106</b>	<b>120</b>
Diseases of the Heart	1,977	1,671	222	81	96
Cerebrovascular diseases	293	236	41	16	17
Other	168	132	26	9	7
<b>Neoplasms</b>	<b>1,779</b>	<b>1,470</b>	<b>218</b>	<b>90</b>	<b>112</b>
Malignant neoplasms	1,732	1,428	214	89	107
Benign neoplasms	6	5	1	0	1
Neoplasms of uncertain or unknown behaviour	41	37	3	1	4
<b>Diseases of the respiratory system</b>	<b>640</b>	<b>560</b>	<b>53</b>	<b>26</b>	<b>22</b>
Pneumonia	169	140	22	7	4
Chronic lower respiratory diseases	311	285	16	10	9
Other	160	135	15	9	9
<b>External causes of morbidity and mortality</b>	<b>280</b>	<b>216</b>	<b>35</b>	<b>29</b>	<b>40</b>
Accidents	188	145	19	24	26
Intentional self-harm (Suicide)	50	46	2	2	8
Assault (Homicide)	21	9	9	3	6
Complications of medical and surgical care	12	10	2	0	0
Sequelae of external causes of morbidity	1	1	0	0	0
Other	8	5	3	0	0
<b>Certain infectious and parasitic diseases</b>	<b>265</b>	<b>195</b>	<b>55</b>	<b>15</b>	<b>18</b>
Septicemia	188	143	35	10	11
Viral hepatitis	18	14	4	0	2
Human immunodeficiency virus [HIV] disease	18	4	13	1	0
Other	41	34	3	4	5
<b>Diseases of the nervous system</b>	<b>268</b>	<b>242</b>	<b>13</b>	<b>13</b>	<b>12</b>
Parkinson's disease	62	59	1	2	2
Alzheimer's disease	127	118	5	4	6
Other	79	65	7	7	4
<b>Diseases of the digestive system</b>	<b>194</b>	<b>149</b>	<b>31</b>	<b>14</b>	<b>15</b>
Gastritis, Enteritis, Colitis, Diverticulities	8	7	1	0	0
Diseases of liver	82	60	13	9	11
<i>Chronic liver diseases, including Cirrhosis</i>	60	46	8	6	7
<i>Other</i>	22	14	5	3	2
Other	104	82	17	5	4
<b>Endocrine, nutritional and metabolic diseases</b>	<b>174</b>	<b>128</b>	<b>31</b>	<b>15</b>	<b>13</b>
Diabetes mellitus	118	83	28	7	6
Other	56	45	3	8	7
<b>Diseases of the genitourinary system</b>	<b>167</b>	<b>133</b>	<b>26</b>	<b>7</b>	<b>9</b>
Kidney diseases	126	101	20	4	6
<i>Nephritis, Nephrotic, Colitis, Diverticulitis</i>	115	92	19	3	6
<i>Other</i>	11	9	1	1	0
Other	41	32	6	3	3
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>118</b>	<b>84</b>	<b>24</b>	<b>10</b>	<b>8</b>
<b>Certain conditions originating in the perinatal period</b>	<b>41</b>	<b>20</b>	<b>12</b>	<b>9</b>	<b>9</b>
Congenital malformations, deformations and chromosomal	9	5	1	3	6
Other	291	255	29	7	26

<sup>1</sup> Totals include unknown race.

<sup>2</sup> 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 25. Number and Percentage of Deaths Due to Diseases of the Circulatory System by Sex, Westchester County, 2009**

	<b>Total</b>	<b>Female</b>	<b>Male</b>
<b>Total</b>	<b>2,438</b>	<b>1,321</b>	<b>1,117</b>
<b>Diseases of the Heart</b>	<b>1,977</b>	<b>1,050</b>	<b>927</b>
<b>Ischaemic heart diseases</b>	<b>1,430</b>	<b>735</b>	<b>695</b>
Acute myocardial infarction	352	189	163
Chronic ischaemic heart disease	1,071	543	528
Other	7	3	4
<b>Other forms of heart disease</b>	<b>409</b>	<b>229</b>	<b>180</b>
Nonrheumatic aortic valve disorders	48	33	15
Cardiomyopathy	13	5	8
Cardiac arrest	43	25	18
Atrial fibrillation and flutter	45	28	17
Heart failure	144	83	61
Other	116	55	61
<b>Hypertension with Heart Disease</b>	<b>100</b>	<b>61</b>	<b>39</b>
<b>Pulmonary heart disease and diseases of pulmonary circulation</b>	<b>25</b>	<b>18</b>	<b>7</b>
<b>Diseases of veins, lymphatic vessels, lymph nodes, not elsewhere classified</b>	<b>7</b>	<b>3</b>	<b>4</b>
<b>Chronic rheumatic heart diseases</b>	<b>6</b>	<b>4</b>	<b>2</b>
<b>Acute rheumatic fever</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Cerebrovascular diseases</b>	<b>293</b>	<b>178</b>	<b>115</b>
Intracerebral haemorrhage	52	29	23
Stroke, not specified as haemorrhage or infarction	134	83	51
Other	107	66	41
<b>Hypertensive with or without Renal Disease</b>	<b>79</b>	<b>47</b>	<b>32</b>
<b>Diseases of arteries, arterioles and capillaries</b>	<b>87</b>	<b>44</b>	<b>43</b>
Atherosclerosis	38	27	11
Aortic aneurysm and dissection	28	8	20
Other	21	9	12
<b>Other and unspecified disorders of the circulatory system</b>	<b>2</b>	<b>2</b>	<b>0</b>

Source: New York State Department of Health.

**Table 26. Number of Deaths Due to Diseases of the Circulatory System by Age, Westchester County, 2009**

	<b>Total*</b>	<b>0-49</b>	<b>50-64</b>	<b>65-79</b>	<b>80+</b>
<b>Total</b>	<b>2,438</b>	<b>67</b>	<b>209</b>	<b>537</b>	<b>1,624</b>
<b>Diseases of the Heart</b>	<b>1,977</b>	<b>54</b>	<b>168</b>	<b>426</b>	<b>1,328</b>
<b>Ischaemic heart diseases</b>	<b>1,429</b>	<b>27</b>	<b>124</b>	<b>312</b>	<b>966</b>
Acute myocardial infarction	352	7	33	83	229
Chronic ischaemic heart disease	1,070	20	91	229	730
Other	7	0	0	0	7
<b>Other forms of heart disease</b>	<b>409</b>	<b>21</b>	<b>28</b>	<b>75</b>	<b>285</b>
Nonrheumatic aortic valve disorders	48	2	2	8	36
Cardiomyopathy	13	0	0	13	0
Cardiac arrest	43	0	5	8	30
Atrial fibrillation and flutter	45	0	0	12	33
Heart failure	144	2	2	23	117
Other	116	17	19	11	69
<b>Hypertension with Heart Disease</b>	<b>100</b>	<b>3</b>	<b>11</b>	<b>24</b>	<b>62</b>
<b>Pulmonary heart disease and diseases of pulmonary circulation</b>	<b>25</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>10</b>
<b>Diseases of veins, lymphatic vessels, lymph nodes, not elsewhere classified</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>2</b>
<b>Chronic rheumatic heart diseases</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Cerebrovascular diseases</b>	<b>293</b>	<b>10</b>	<b>28</b>	<b>68</b>	<b>187</b>
Intracerebral haemorrhage	52	4	7	16	25
Stroke, not specified as haemorrhage or infarction	134	1	8	29	96
Other	107	5	13	23	66
<b>Hypertensive with or without Renal Disease</b>	<b>79</b>	<b>0</b>	<b>8</b>	<b>22</b>	<b>49</b>
<b>Diseases of arteries, arterioles and capillaries</b>	<b>87</b>	<b>3</b>	<b>5</b>	<b>21</b>	<b>58</b>
Atherosclerosis	38	1	0	8	29
Aortic aneurysm and dissection	28	2	4	9	13
Other	21	0	1	4	16
<b>Other and unspecified disorders of the circulatory system</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

\* Total include unknown age.



**Table 27. Number of Deaths Due to Diseases of the Circulatory System by Race/Ethnicity, Westchester County, 2009**

	Total <sup>1</sup>	White	Black	Other	Unknown	Hispanic <sup>2</sup>
<b>Total</b>	<b>2,438</b>	<b>2,039</b>	<b>289</b>	<b>106</b>	<b>4</b>	<b>120</b>
<b>Diseases of the Heart</b>	<b>1,977</b>	<b>1,671</b>	<b>222</b>	<b>81</b>	<b>3</b>	<b>96</b>
<b>Ischaemic heart diseases</b>	<b>1,430</b>	<b>1,208</b>	<b>161</b>	<b>58</b>	<b>3</b>	<b>72</b>
Acute myocardial infarction	352	291	44	16	1	18
Chronic ischaemic heart disease	1,071	911	117	41	2	54
Other	7	6	0	1	0	0
<b>Other forms of heart disease</b>	<b>409</b>	<b>359</b>	<b>32</b>	<b>18</b>	<b>0</b>	<b>17</b>
Nonrheumatic aortic valve disorders	48	44	2	2	0	2
Cardiomyopathy	13	9	3	1	0	0
Cardiac arrest	43	38	4	1	0	1
Atrial fibrillation and flutter	45	42	2	1	0	1
Heart failure	144	132	6	6	0	6
Other	116	94	15	7	0	7
<b>Hypertension with Heart Disease</b>	<b>100</b>	<b>74</b>	<b>22</b>	<b>4</b>	<b>0</b>	<b>4</b>
<b>Pulmonary heart disease and diseases of pulmonary circulation</b>	<b>25</b>	<b>18</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>2</b>
<b>Diseases of veins, lymphatic vessels, lymph nodes, not elsewhere classified</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Chronic rheumatic heart diseases</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Acute rheumatic fever</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Cerebrovascular diseases</b>	<b>293</b>	<b>236</b>	<b>41</b>	<b>16</b>	<b>0</b>	<b>17</b>
Intracerebral haemorrhage	52	41	9	2	0	4
Stroke, not specified as haemorrhage or infarction	134	115	15	4	0	4
Other	107	80	17	10	0	9
<b>Hypertensive with or without Renal Disease</b>	<b>79</b>	<b>58</b>	<b>15</b>	<b>5</b>	<b>1</b>	<b>5</b>
<b>Diseases of arteries, arterioles and capillaries</b>	<b>87</b>	<b>74</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>2</b>
Atherosclerosis	38	34	3	1	0	0
Aortic aneurysm and dissection	28	25	1	2	0	1
Other	21	15	5	1	0	1
<b>Other and unspecified disorders of the circulatory system</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>Totals include unknown race.

<sup>2</sup>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 28. Number of Deaths Due to Neoplasms by Sex, Westchester County, 2009**

	Total	Female	Male
<b>Total</b>	<b>1,779</b>	<b>921</b>	<b>858</b>
<b>Malignant neoplasms</b>	<b>1,732</b>	<b>899</b>	<b>833</b>
<b>Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue</b>	<b>1,418</b>	<b>752</b>	<b>666</b>
<b>Digestive organs</b>	<b>474</b>	<b>235</b>	<b>239</b>
Esophagus	40	11	29
Stomach	50	19	31
Colorectal	162	98	64
<i>Colon</i>	133	82	51
<i>Colorectal excluding colon</i>	29	16	13
Liver and intrahepatic bile duct	58	19	39
Pancreas	138	71	67
Other	26	17	9
<b>Respiratory and intrathoracic organs</b>	<b>377</b>	<b>179</b>	<b>198</b>
Larynx	10	2	8
Bronchus and lung	365	176	189
Other	2	1	1
<b>Breast</b>	<b>152</b>	<b>151</b>	<b>1</b>
<b>Male genital organs</b>	<b>104</b>	<b>0</b>	<b>104</b>
Prostate	104	0	104
Other	0	0	0
<b>Female genital organs</b>	<b>103</b>	<b>103</b>	<b>0</b>
Ovary	52	52	0
Other	51	51	0
<b>Urinary tract</b>	<b>76</b>	<b>21</b>	<b>55</b>
Kidney and renal pelvis	28	15	13
Bladder	47	5	42
Other	1	1	0
<b>Eye, brain and other parts of central nervous system</b>	<b>45</b>	<b>20</b>	<b>25</b>
Brain	44	19	25
Other	1	1	0
<b>Skin</b>	<b>31</b>	<b>16</b>	<b>15</b>
<b>Mesothelial and soft tissue</b>	<b>26</b>	<b>16</b>	<b>10</b>
<b>Lip, oral cavity and pharynx</b>	<b>21</b>	<b>7</b>	<b>14</b>
<b>Thyroid and other endocrine glands</b>	<b>7</b>	<b>3</b>	<b>4</b>
<b>Bone and articular cartilage</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue</b>	<b>197</b>	<b>93</b>	<b>104</b>
Hodgkin's disease	5	2	3
Non-Hodgkin's lymphomas	62	26	36
Multiple myeloma and malignant plasma cell neoplasms	42	18	24
Leukaemia	81	44	37
Other	7	3	4
<b>Malignant neoplasms of ill-defined, secondary and unspecified sites</b>	<b>103</b>	<b>48</b>	<b>55</b>
<b>Malignant neoplasms of independent (primary) multiple sites</b>	<b>14</b>	<b>6</b>	<b>8</b>
<b>Neoplasms of uncertain or unknown behaviour</b>	<b>41</b>	<b>18</b>	<b>23</b>
<b>Benign neoplasms</b>	<b>6</b>	<b>4</b>	<b>2</b>
<b>In situ neoplasms</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup> Totals include deaths of unknown race.

<sup>2</sup> 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 of Deaths Due to Neoplasms by Age, Westchester County, 2009**

	<b>Total</b>	<b>0-49</b>	<b>50-64</b>	<b>65-79</b>	<b>80+</b>
<b>Total</b>	<b>1,779</b>	<b>94</b>	<b>376</b>	<b>646</b>	<b>663</b>
<b>Malignant neoplasms</b>	<b>1,732</b>	<b>90</b>	<b>371</b>	<b>639</b>	<b>632</b>
<b>Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue</b>	<b>1,418</b>	<b>72</b>	<b>319</b>	<b>524</b>	<b>503</b>
<b>Digestive organs</b>	<b>474</b>	<b>22</b>	<b>118</b>	<b>164</b>	<b>170</b>
Esophagus	40	3	11	13	13
Stomach	50	0	9	15	26
Colorectal	162	10	36	49	67
<i>Colon</i>	<i>133</i>	<i>10</i>	<i>29</i>	<i>41</i>	<i>53</i>
<i>Colorectal excluding colon</i>	<i>29</i>	<i>0</i>	<i>7</i>	<i>8</i>	<i>14</i>
Liver and intrahepatic bile duct	58	4	18	24	12
Pancreas	138	5	40	51	42
Other	26	0	4	12	10
<b>Respiratory and intrathoracic organs</b>	<b>377</b>	<b>7</b>	<b>77</b>	<b>173</b>	<b>120</b>
Larynx	10	0	3	5	2
Bronchus and lung	365	7	74	166	118
Other	2	0	0	2	0
<b>Breast</b>	<b>152</b>	<b>13</b>	<b>44</b>	<b>47</b>	<b>48</b>
<b>Male genital organs</b>	<b>104</b>	<b>0</b>	<b>7</b>	<b>34</b>	<b>63</b>
Prostate	104	0	7	34	63
Other	0	0	0	0	0
<b>Female genital organs</b>	<b>103</b>	<b>10</b>	<b>30</b>	<b>40</b>	<b>23</b>
Ovary	52	3	15	20	14
Other	51	7	15	20	9
<b>Urinary tract</b>	<b>76</b>	<b>3</b>	<b>11</b>	<b>26</b>	<b>36</b>
Kidney and renal pelvis	28	2	6	11	9
Bladder	47	1	5	15	26
Other	1	0	0	0	1
<b>Eye, brain and other parts of central nervous system</b>	<b>45</b>	<b>5</b>	<b>11</b>	<b>16</b>	<b>13</b>
Brain	44	5	11	16	12
Other	1	0	0	0	1
<b>Skin</b>	<b>31</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>10</b>
<b>Mesothelial and soft tissue</b>	<b>26</b>	<b>1</b>	<b>8</b>	<b>9</b>	<b>8</b>
<b>Lip, oral cavity and pharynx</b>	<b>21</b>	<b>0</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>Thyroid and other endocrine glands</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Bone and articular cartilage</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue</b>	<b>197</b>	<b>11</b>	<b>29</b>	<b>76</b>	<b>81</b>
Hodgkin's disease	5	1	2	1	1
Non-Hodgkin's lymphomas	62	1	5	29	27
Multiple myeloma and malignant plasma cell neoplasms	42	1	8	15	18
Leukaemia	81	7	12	29	33
Other	7	1	2	2	2
<b>Malignant neoplasms of ill-defined, secondary and unspecified sites</b>	<b>103</b>	<b>7</b>	<b>21</b>	<b>36</b>	<b>39</b>
<b>Malignant neoplasms of independent (primary) multiple sites</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>9</b>
<b>Neoplasms of uncertain or unknown behaviour</b>	<b>41</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>27</b>
<b>Benign neoplasms</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>In situ neoplasms</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup> Totals include deaths of unknown race.

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

**Table 30. Number of Deaths Due to Neoplasms by Race/Ethnicity, Westchester County, 2009**

	Total <sup>1</sup>	White	Black	Other	Hispanic <sup>2</sup>
<b>Total</b>	<b>1,779</b>	<b>1,470</b>	<b>218</b>	<b>90</b>	<b>112</b>
<b>Malignant neoplasms</b>	<b>1,732</b>	<b>1,428</b>	<b>214</b>	<b>89</b>	<b>107</b>
<b>Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue</b>	<b>1,418</b>	<b>1,159</b>	<b>184</b>	<b>74</b>	<b>85</b>
<b>Digestive organs</b>	<b>474</b>	<b>376</b>	<b>68</b>	<b>30</b>	<b>37</b>
Esophagus	42	36	3	1	2
Stomach	50	35	10	5	5
Colorectal	162	130	25	7	10
<i>Colon</i>	<i>133</i>	<i>104</i>	<i>23</i>	<i>6</i>	<i>10</i>
<i>Colorectal excluding colon</i>	<i>29</i>	<i>26</i>	<i>2</i>	<i>1</i>	<i>0</i>
Liver and intrahepatic bile duct	58	39	11	8	8
Pancreas	138	114	18	6	8
Other	26	22	1	3	4
<b>Respiratory and intrathoracic organs</b>	<b>377</b>	<b>320</b>	<b>43</b>	<b>14</b>	<b>13</b>
Larynx	10	8	1	1	1
Bronchus and lung	365	311	42	12	12
Other	2	1	0	1	0
<b>Breast</b>	<b>152</b>	<b>125</b>	<b>19</b>	<b>7</b>	<b>11</b>
<b>Male genital organs</b>	<b>104</b>	<b>82</b>	<b>13</b>	<b>9</b>	<b>3</b>
Prostate	104	82	13	9	3
Other	0	0	0	0	0
<b>Female genital organs</b>	<b>103</b>	<b>80</b>	<b>17</b>	<b>6</b>	<b>9</b>
Ovary	52	45	5	2	1
Other	51	35	12	4	8
<b>Urinary tract</b>	<b>76</b>	<b>63</b>	<b>12</b>	<b>1</b>	<b>2</b>
Kidney and renal pelvis	28	22	5	1	1
Bladder	47	40	7	0	1
Other	1	1	0	0	0
<b>Eye, brain and other parts of central nervous system</b>	<b>45</b>	<b>40</b>	<b>4</b>	<b>1</b>	<b>3</b>
Brain	44	39	4	1	3
Other	1	1	0	0	0
<b>Skin</b>	<b>31</b>	<b>29</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Mesothelial and soft tissue</b>	<b>26</b>	<b>20</b>	<b>2</b>	<b>4</b>	<b>2</b>
<b>Lip, oral cavity and pharynx</b>	<b>21</b>	<b>17</b>	<b>4</b>	<b>0</b>	<b>3</b>
<b>Thyroid and other endocrine glands</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>Bone and articular cartilage</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue</b>	<b>197</b>	<b>166</b>	<b>20</b>	<b>11</b>	<b>17</b>
Hodgkin's disease	5	4	1	0	0
Non-Hodgkin's lymphomas	62	54	4	4	5
Multiple myeloma and malignant plasma cell neoplasms	42	29	9	4	2
Leukaemia	81	73	5	3	9
Other	7	6	1	0	1
<b>Malignant neoplasms of ill-defined, secondary and unspecified sites</b>	<b>103</b>	<b>89</b>	<b>10</b>	<b>4</b>	<b>5</b>
<b>Malignant neoplasms of independent (primary) multiple sites</b>	<b>14</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Neoplasms of uncertain or unknown behaviour</b>	<b>41</b>	<b>37</b>	<b>3</b>	<b>1</b>	<b>4</b>
<b>Benign neoplasms</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>In situ neoplasms</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup> Totals include deaths of unknown race.

<sup>2</sup> 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 2009.

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).

**Residence:** The usual place of residence for the person to whom the event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

**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:** It is defined as “the interval between the first day of the mother’s last normal menstrual period and the date of delivery”. 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.

**Cesarean Section:** the surgical delivery of the newborn while the mother is under general anesthesia. Cesarean section is usually the result of an abnormal delivery situation, once the mother has already gone into labor. A primary C-section refers to the first delivery by C-section. A repeat C-section is a Cesarean delivery in which a woman has previously delivered by a C-section. A vaginal birth after C-section is a vaginal delivery to a woman who has previously delivered by C-section.

**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 (DDC), 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:** The cause of death reported is the underlying cause of death and is based on information contained on the death certificate, defined by the World Health Organization's International Classification of Diseases - Tenth Revision as the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury

**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. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Deaths

Disease Category	ICD-10
Certain infectious and parasitic diseases	A00-B99
Tuberculosis	A15-A19
Septicemia	A40-A41
Viral hepatitis	B15-B19
Human immunodeficiency virus [HIV] disease	B20-B24
Neoplasms	C00-D48
Malignant neoplasms	C00-C97
In situ neoplasms	D00-D09
Benign neoplasms	D10-D36
Neoplasms of uncertain or unknown behaviour	D37-D48
Disease of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89
Endocrine, nutritional and metabolic diseases	E00-E90
Diabetes mellitus	E10-E14
Mental and behavioural disorders	F00-F99
Diseases of the nervous system	G00-G99
Parkinson's disease	G20-G21
Alzheimer's disease	G30
Diseases of the eye and adnexa	H00-H59
Diseases of the ear and mastoid process	H60-H95
Diseases of the circulatory system	I00-I99
Diseases of the respiratory system	J00-J99
Influenza	J09-J11
Pneumonia	J12-J18
Chronic lower respiratory diseases	J40-J47
Diseases of the digestive system	K00-K93
Gastritis, Enteritis, Colitis, Diverticulities	K29, K50-K52, K57
Diseases of liver	K70-K77
Chronic liver diseases, including Cirrhosis	K70, K73-K74
Diseases of the skin and subcutaneous tissue	L00-L99
Diseases of the musculoskeletal system and connective tissue	M00-M99
Diseases of the genitourinary system	N00-N99
Kidney diseases	N00-N29
Nephritis, Nephrotic syndrome and Nephrosis	N00-N07, N17-N19,
Renal failure	N25-N27
Renal failure	N17-N19
Pregnancy, childbirth and the puerperium	O00-O99
Certain conditions originating in the perinatal period	P00-P96
congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
Sudden Infant Death Syndrome	R95
External causes of morbidity and mortality	V01-Y98
Accidents	V01-X59
Intentional self-harm	X60-X84
Assault	X85-Y09
Legal intervention and operations of war	Y35-Y36
Complications of medical and surgical care	Y40-Y84
Sequelae of external causes of morbidity and mortality	Y85-Y89
Supplementary factors related to causes of morbidity and mortality	Y90-Y98
Factors influencing health status and contact with health services	Z00-Z99
Codes for special purposes	U00-U99

**Appendix 3. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Deaths due to Diseases of the Circulatory System**

<b>Disease Category</b>	<b>ICD-10</b>
<b>Diseases of the circulatory system</b>	<b>I00-I99</b>
<b>Acute rheumatic fever</b>	I00-I02
<b>Chronic rheumatic heart diseases</b>	I05-I09
<b>Hypertensive diseases</b>	I10-I15
Essential (primary) hypertension	I10
Hypertensive heart and renal disease	I11-I13
<b>Ischaemic heart diseases</b>	I20-I25
Acute myocardial infarction	I21
Chronic ischaemic heart disease	I25
<b>Pulmonary heart disease and diseases of pulmonary circulation</b>	I26-I28
<b>Other forms of heart disease</b>	I30-I52
Nonrheumatic aortic valve disorders	I35
Cardiomyopathy	I42
Cardiac arrest	I46
Atrial fibrillation and flutter	I48
Heart failure	I50
<b>Cerebrovascular diseases</b>	I60-I69
Intracerebral haemorrhage	I61, I69.1
Stroke, non specified as haemorrhage or infarction	I64, I69.4
<b>Diseases of arteries, arterioles and capillaries</b>	I70-I79
Atherosclerosis	I70
Aortic aneurysm and dissection	I71
<b>Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified</b>	I80-I89
<b>Other and unspecified disorders of the circulatory system</b>	I95-I99

**Appendix 4. The International Classification of Diseases (ICD-10): Codes for Selected Causes of Deaths due to Neoplasms**

<b>Disease Category</b>	<b>ICD-10</b>
<b>Neoplasms</b>	<b>C00-D48</b>
<b>Malignant neoplasms</b>	<b>C00-C97</b>
Malignant neoplasms, stated or presumed to be primary, of specified sites except of lymphoid, haematopoietic and related tissue	C00-C75
Lip, oral cavity and pharynx	C00-C14
Digestive organs	C15-C26
Oesophagus (Esophagus)	C15
Stomach	C16
Colorectal	C18-C21
Colon	C18
Colorectal excluding colon	C19-C21
Liver and Intrahepatic bile duct	C22
Pancreas	C25
Respiratory and intrathoracic organs	C30-C39
Larynx	C32
Bronchus and lung	C34
Bone and articular cartilage	C40-C41
Skin	C43-C44
Mesothelial and soft tissue	C45-C49
Breast	C50
Female genital organs	C51-C58
Ovary	C56
Male genital organs	C60-C63
Prostate	C61
Urinary tract	C64-C68
Kidney and renal pelvis	C64-C65
Kidney, except renal pelvis	C64
Bladder	C67
Eye, brain and other parts of central nervous system	C69-C72
Brain	C71
Thyroid and other endocrine glands	C73-C75
Malignant neoplasms of ill-defined, secondary and unspecified sites	C76-C80
Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	C81-C96
Hodgkin's disease	C81
Non-Hodgkin's lymphomas	C82-C85
Multiple myeloma and malignant plasma cell neoplasms	C90
Leukaemia	C91-C95
Malignant neoplasms of independent (primary) multiple sites	C97
<b>In situ neoplasms</b>	<b>D00-D09</b>
<b>Benign neoplasms</b>	<b>D10-D36</b>
<b>Neoplasms of uncertain or unknown behaviour</b>	<b>D37-D48</b>

## Appendix 5. Westchester County Municipalities

Health Planning Region and Municipality <sup>1</sup>	Code <sup>2</sup>
<b>Northwest</b>	
Cortlandt Town	T
Buchanan Village	V
Croton-on-Hudson Village	V
Cortlandt Unincorporated	TOV
Mount Pleasant Town	T
Briarcliff Manor Village (Mount Pleasant Part) <sup>2</sup>	V
Pleasantville Village	V
Sleepy Hollow Village	V
Mount Pleasant Unincorporated	TOV
Ossining Town	T
Briarcliff Manor Village (Ossining Part) <sup>2</sup>	V
Ossining Village	V
Ossining Unincorporated	TOV
Peekskill	C
<b>Northeast</b>	
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
<b>West Central</b>	
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

<b>Health Planning Region and Municipality<sup>1</sup></b>	<b>Code<sup>2</sup></b>
<b>East Central</b>	
Harrison Town/Village	T/V
Mamaroneck Town	T
Larchmont Village	V
Mamaroneck Village (Mamaroneck Part) <sup>3</sup>	V
Mamaroneck Unincorporated	TOV
Rye City	C
Rye Town	T
Mamaroneck Village (Rye Part) <sup>3</sup>	V
Port Chester Village	V
Rye Brook Village	V
<b>Southwest</b>	
Yonkers	C
<b>Southeast</b>	
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

<sup>1</sup> For regional planning purposes, municipalities are grouped into six geographic health planning regions.

<sup>2</sup> 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.

<sup>3</sup> 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 6. Health Planning Regions and Municipality Map

