Health and Well-Being of Children, Families, and Adults in Dutchess County

Select Data Indicators

November 2011

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Compiled by
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Introduction

Dutchess County Integrated County Planning (ICP) Workgroup is a sub-committee of the Dutchess County Health and Human Services Cabinet. The Health & Human Services Cabinet (HHSC) includes representatives from the Department of Social Services (DSS), Department of Health (DOH), Department of Mental Hygiene (DMH), Budget Office, Office of Probation and Community Corrections, and Divisions of Aging, Veterans and Youth Services. The ICP workgroup includes the three required partners of DSS (Child and Adult Services), Probation and Community Corrections, and Youth Services working with representatives from DOH, DMH, Family Court and community providers. The ICP Workgroup focuses on raising public awareness on youth & family issues through the results of need assessment activities, advocating for system coordination of services through joint planning processes, and supporting collaborative grant applications to address service gaps.

The Dutchess County Integrated County Assessment Workgroup (ICA) is a specialized workgroup under the umbrella of the ICP, established to oversee and develop needs assessment activities. The ICA includes representatives from both County and community organizations as needed: the Dutchess County HHSC, DOH, DSS, DMH, Probation, Planning and Development, and Department of Services for Aging, Veterans and Youth; and community partners such as the Mental Health America, the Dyson Foundation, and Normet.

Health and Well-Being of Children, Families, and Adults presents an extensive range of data indicators to help create a broad-brush picture of the status of Dutchess County residents with regards to population growth and migration, socioeconomic status, adult and youth crime, physical and emotional health, and education. These are all critical components of overall health and well-being and are of great value in identifying and understanding issues and challenges related to these indicators.

The goal of this report is to provide information that will support program planning and evaluation, grant writing and funding agencies, and, because of its broad scope, material that will facilitate collaboration between community organizations, government agencies, businesses, and institutions to set policy, develop strategies, prioritize resources and better understand current and emerging issues affecting children, families, and adults across systems.

The Dutchess County Department of Health has taken the lead in the assessment effort and is responsible for the compilation and publication of the selected indicators.

Acknowledgment

The ICP and Data Workgroup wish to acknowledge Audrey Waltner, MPH, Biostatistician, Division of Health Planning & Education, Dutchess County Department of Health, for her contribution to this effort. Without her time and effort, this product would not have been as reliable and understandable.

Understanding the Report

PRECEPTS

Health and Well-Being of Children, Families, and Adults follows the precepts of the New York State Council on Children and Families (CCF).

CCF is charged with acting as a neutral body to coordinate the state's health, education and human services system to ensure that all children and families in New York State have the opportunity to reach their potential. The Council works with state and local organizations in both public and private sectors to foster interagency, collaborative approaches to solving the problems and meeting the challenges facing government, service providers and the private sector.

One of the CCF's strategic goals is to make readily available information required to plan and develop coordinated services for children and families.

- Kids Count

  A project that disseminates county-level data that focuses on child well-being in order to advance the use of children's health, education and well-being indicators as a tool for policy development, planning and accountability. The CCF produces an annual data book and special reports focusing on emerging and specific topics.

- Touchstones

  A set of measurable goals and objectives that lead to improved outcomes for children and families. These goals and objectives reflect expectations about the future and are organized by six major life areas: Economic Security, Physical and Emotional Health, Education, Citizenship, Family, and Community. Each life area has a set of indicators that reflect the status of children and families.

- Kids' Well-being Indicators Clearinghouse (KWIC)

  An interactive website that advances the NYS Touchstones/Kids Count data dissemination process by expanding access to New York State children's health, education and well-being data; providing more current data; expanding the number of indicators presented; providing access to other data resources; allowing users to chart, graph and map data; and giving users the ability to tailor data to fit their needs.

ABOUT THE INDICATORS

Criteria Selection

Criteria for indicator selection included relevancy, reliability, and the ability to update the data on an annual basis. Some data sources that were relevant but could not be updated on a regular basis are included as appendices.

Linkages to Web-Based Data

Because of the interactive nature of a few indicators, the report will at times directed the reader to a website rather than present a fixed data table, thereby providing a more comprehensive picture than a single table could.

Data Sources versus Web Resources

All data are specifically sourced. Data sources may/may not be available to the public as they often consist of restricted data compilations. On the other hand, web resources are meant to be readily available but the intent is only to "point the reader" to data that relate to the indicator.

While data sources and web resources may at times provide the same information, it is beyond the scope of this report to specify the exact relationship for each indicator. The reader is encouraged to explore the web resources, which are active links to data portals.

Why Are Different Date Ranges Used for Different Indicators?

Data are presented either as a single year intervals or as moving three year averages. The latter improve the reliability of data, particularly in groupings with small populations where slight variations in numbers can result in potentially misleading large fluctuations in annual rates.

The number of years presented for each indicator will fluctuate depending on the availability of data and the relevance of including more or fewer years' worth of data.

Regarding Demographic Data

Numerous data tables in the Demographics section as well as other tables throughout the SocioEconomics section are derived from the U.S. Census Bureau's decennial Census (i.e. Census 2000 and Census 2010), American Community Survey (ACS), and Population Estimates.

There are important differences between these three data sources.

In order to better understand the data presented in this report, it is recommended that the reader refer to *Appendix A – The U.S. Census Bureau Data Sets*.

ABOUT THE INDICATORS (CONT'D)

Healthy People 2010

Healthy People 2010 is referred to throughout the report as a benchmark for certain indicators. It provides a framework for nationwide health promotion and disease prevention. It is a statement of national health objectives designed to identify the most significant preventable threats to health and to establish national goals to reduce these threats. It is grounded in science, built through public consensus, and designed to measure progress. Its overarching goals are to increase quality of life and years of healthy life as well as eliminate health disparities. For more information on Healthy People 2010, please refer to http://www.healthypeople.gov/ .

As of the printing of this report, Healthy People 2020 objectives have been released but cannot be applied to data predating 2010.

May 2010 Version of this Report

As mentioned on the previous page, criteria for indicator selection include the ability to update data on an annual basis. The report was first published in May 2010. While it was possible to update almost all of the indicators, some were deleted, replaced or substantially revised due to issues related to consistency and/or availability of data sources. Newly available data were also added. To avoid confusion, some of the affected indicators are annotated to address some of the differences.

In addition, a few errata and terminology revisions were made to the original report.

For those who wish to use both reports, it is recommended that they refer to the revised May 2010 report in conjunction with this report.

Demographics

Population Growth by Age and Gender

Data Source: U.S. Census Bureau: Census 2000 & Census 2010

Web Resource: http://www.census.gov

Population Growth in Dutchess County					
	2000		2010		% Change 2000-2010
	Number	Percent	*Number*	Percent	
Total Population	*280,150*	100.0%	297,488	100.0%	6.2%
Gender					
Male	*140,127*	50.0%	148,112	49.8%	5.7%
Female	*140,023*	50.0%	149,376	50.2%	6.7%
Age (years)					
0-4	*17,463*	6.2%	*15,239*	5.1%	-12.7%
5-9	*20,410*	7.3%	*17,650*	5.9%	-13.5%
10-14	*20,802*	7.4%	*19,696*	6.6%	-5.3%
15-19	*20,655*	7.4%	*24,398*	8.2%	18.1%
20-24	*17,404*	6.2%	*21,556*	7.2%	23.9%
25-34	*35,063*	12.5%	*31,656*	10.6%	-9.7%
35-44	*49,665*	17.7%	*39,717*	13.4%	-20.0%
45-54	*39,707*	14.2%	*50,150*	16.9%	26.3%
55-59	*14,321*	5.1%	*20,364*	6.8%	42.2%
60-64	*10,970*	3.9%	*16,758*	5.6%	52.8%
65-74	*18,327*	6.5%	*21,435*	7.2%	17.0%
75-84	*11,280*	4.0%	*13,298*	4.5%	17.9%
85+	*4,083*	1.5%	*5,571*	1.9%	36.4%
Ages 65+					
65+	*33,690*		*40,304*		19.6%
Male	*14,105*	41.9%	*17,627*	43.7%	25.0%
Female	*19,585*	58.1%	*22,677*	56.3%	15.8%
Median age	*36.4*		*40.2*		10.4%

Understanding the Data

- % change refers to increases/decreases in the numbers of individuals in each age/gender group.

Demographics

Population Density by Municipality

Data Source: U.S. Census Bureau: Census 2000 & Census 2010; Dutchess County Department of Planning & Development

Web Resource: http://www.census.gov

Geographic Area	Square Miles	% County Area	2000		2010		% Change in Growth 2000-2010
			Population	Pop. per Sq mile	Population	Pop. per Sq mile	
Dutchess County	**801.6**	100.0%	**280,150**	**349**	**297,488**	**371**	**6.2%**
Beacon city *	4.78	0.6%	14,800	3,096	15,541	3,251	5.0%
Poughkeepsie city	5.14	0.6%	29,871	5,811	32,736	6,369	9.6%
Amenia town	43.32	5.4%	4,048	93	4,436	102	9.6%
Beekman town *	30	3.7%	13,790	460	14,621	487	6.0%
Clinton town	38.46	4.8%	4,010	104	4,312	112	7.5%
Dover town	55.7	6.9%	8,565	154	8,699	156	1.6%
East Fishkill town	56.91	7.1%	25,589	450	29,029	510	13.4%
Fishkill town *	26.54	3.3%	19,266	726	22,107	833	14.7%
Hyde Park town	36.96	4.6%	20,851	564	21,571	584	3.5%
La Grange town	39.7	5.0%	14,928	376	15,730	396	5.4%
Milan town *	36.1	4.5%	2,359	65	2,370	66	0.5%
North East town	42.75	5.3%	2,077	49	3,031	71	45.9%
Pawling town	42.14	5.3%	5,288	125	8,463	201	60.0%
Pine Plains town	30.89	3.9%	2,569	83	2,473	80	-3.7%
Pleasant Valley town	32.92	4.1%	9,066	275	9,672	294	6.7%
Poughkeepsie town	28.76	3.6%	41,800	1,453	43,341	1,507	3.7%
Red Hook town	33.87	4.2%	7,440	220	11,319	334	52.1%
Rhinebeck town	34.64	4.3%	4,685	135	7,548	218	61.1%
Stanford town	49.99	6.2%	3,544	71	3,823	76	7.9%
Union Vale town	37.69	4.7%	4,546	121	4,877	129	7.3%
Wappinger town	26.49	3.3%	22,322	843	27,048	1,021	21.2%
Washington town	57.2	7.1%	3,313	58	4,741	83	43.1%
Village Fishkill	0.88	0.1%	1,735	1,972	2,171	2,467	25.1%
Village Millbrook	1.87	0.2%	1,429	764	1,452	776	1.6%
Village Millerton	0.63	0.1%	925	1,468	958	1,521	3.6%
Village Pawling	2.04	0.3%	2,233	1,095	2,347	1,150	5.1%
Village Red Hook	1.08	0.1%	1,805	1,671	1,961	1,816	8.6%
Village Rhinebeck	1.62	0.2%	3,077	1,899	2,657	1,640	-13.6%
Village Tivoli	1.76	0.2%	1,163	661	1,118	635	-3.9%
Village Wappingers Falls	1.14	0.1%	4,929	4,324	5,522	4,844	12.0%

(*) Corrected Census 2000 counts http://www.co.dutchess.ny.us/CountyGov/Departments/Planning/11734.htm

Understanding the Data

- Town numbers do not include villages

Demographics

Components of Population Change – Natural Increase and Migration

Data Source: U.S. Census Bureau Population Estimates

Web Resource: http://www.census.gov

Estimates of the Components of Population Change for Dutchess County							
Year	Total Population Change	Natural Increase			Net Migration		
		Total	Births	Deaths	Total	Net International Migration	Net Internal Migration
2000-2001	2,541	984	3,291	2,307	2,541	735	1,806
2001-2002	2697	807	3256	2449	2,697	735	1,962
2002-2003	3210	805	3089	2284	2422	768	1,654
2003-2004	2,319	990	3,256	2,266	1,309	766	543
2004-2005	1,527	1,158	3,315	2,157	286	635	-349
2005-2006	637	836	3,159	2,323	-252	738	-990
2006-2007	544	1,049	3,297	2,248	-560	636	-1,196
2007-2008	654	970	3,209	2,239	-356	537	-893
2008-2009	1,062	867	3,146	2,279	233	470	-237

Understanding the Data:

- Total population change includes a residual. This residual represents the change in population that cannot be attributed to any specific demographic component.
- Net international migration includes the international migration of both native and foreign-born populations. Specifically, it includes: (a) the net international migration of the foreign born, (b) the net migration between the United States and Puerto Rico.
- The estimated components of population change will not equal the numerical population change because of a small residual after controlling to the national totals.
- The reference date is July 1 (e.g. July 1 2000-June 30 2001).

Demographics

Immigration, U.S. Citizenship, and Foreign Born Region of Origin

Data Source: U.S. Census Bureau: Census 2000, Census 2010, Population Estimates 2002-2008, American Community Survey 2002-2010

Web Resource: http://www.census.gov

Immigration and U.S. Citizenship						
Dutchess County Population	**2000**	**2002**	**2004**	**2006**	**2008**	**2010**
Total Population	280,150	286,875	291,051	292,202	292,878	297,577
Native Born	91.6%	93.4%	90.5%	89.9%	89.1%	88.1%
Foreign Born	8.4%	6.6%	9.5%	10.1%	10.9%	11.9%
Naturalized U.S. Citizen	47.8%	62.5%	51.0%	51.8%	51.8%	54.0%
Not a U.S. Citizen	52.2%	37.5%	49.0%	48.2%	48.2%	46.0%

Foreign Born Region of Origin						
Country of Origin	**2000**	**2010**		**2000**	**2010**	
	Dutchess		**% Change Dutchess**	**New York State**		**% Change NYS**
Europe	36.9%	20.4%	-16.5%	22.7%	17.8%	-4.9%
Latin America	33.5%	44.5%	11.0%	48.9%	50.1%	1.2%
Asia	24.3%	25.7%	1.4%	23.7%	26.8%	3.1%
Africa	2.8%	7.2%	4.4%	3.0%	3.7%	0.7%
Northern America	2.3%	2.2%	-0.1%	1.4%	1.4%	0.0%
Oceania	0.2%	0.0%	-0.2%	0.2%	0.2%	0.0%

Understanding the Data

- The total population is broken down into native and foreign born, and the foreign born population is broken down into “naturalized U.S. citizen” and “not a U.S. citizen”.
- Decennial Census 2000 & 2010 provide total population counts while Population Estimates provide intercensal year population counts.
- All data other than total population counts are from the American Community Survey.
- Please refer to Appendix A for information on the differences between data sources.

SocioEconomics

HOUSEHOLDS

Vulnerable Household Types

Data Source: U.S. Census Bureau: Census 2000 & Census 2010

Web Resource: http://www.census.gov

Household Types in Dutchess County		
	2000	**2010**
Total Number of Households	N = 99,536	N = 107,965
Household Type	**% of Households**	**% of Households**
Family Households	69.5%	67.5%
Family households with own children < 18 years	34.5%	30.5%
Female headed household	10.3%	11.0%
Female headed household with own children < 18 years	6.0%	5.9%
Non-Family Households	30.5%	32.5%
Householder living alone	24.6%	26.0%
Householder 65 Years and over	9.0%	10.7%

Understanding the Data

- A household includes all the people who occupy a housing unit. A housing unit is a house, apartment, mobile home, group of rooms, or a single room that is occupied.
- All of the above percentages are derived from the total number of households.
- Female headed households with own children < 18 years are considered one of the most vulnerable family household types. They constitute more than half of female headed households (53% in 2010) and approximately one fifth of family households with own children < 18 years (19% in 2010).
- Among non-family households, over three quarters are individuals who live alone and approximately one third are elderly (65 years of age and older) (80% and 33% respectively in 2010). The latter are also considered a vulnerable population.

SocioEconomics

INCOME AND POVERTY

Median Family and Household Income

Data Source: U.S. Census Bureau: Census 2000, American Community Survey 2002-2010

Web Resource: http://www.census.gov

Median Family Income							
	2000	2002	2004	2006	2008	2010	% Change 2000-2010
Dutchess County	$63,254	$65,190	$78,946	$77,079	$84,349	$81,868	29.4%
New York State	$51,691	$54,516	$56,556	$62,138	$67,877	$65,897	27.5%

Median Household Income							
	2000	2002	2004	2006	2008	2010	% Change 2000-2010
Dutchess County	$53,086	$52,901	$63,550	$65,965	$69,617	$69,613	31.1%
New York State	$43,394	$44,923	$47,349	$51,384	$56,033	$54,148	24.8%

Understanding the Data

- The median divides the income distribution into two equal parts, one having incomes above the median and the other having incomes below the median. For households and families, the median income is based on the distribution of the total number of units including those with no income.

SocioEconomics

Long-Term Occupational Projections for the Hudson Valley Region

Data Source: New York State Department of Labor Long-Term Occupational Projections 2008-2018
Web Resource: http://www.labor.state.ny.us

This is a web-based indicator

Accessing the Data

1. http://www.labor.state.ny.us
2. Government & Research
3. Labor Statistics Overview
4. Data by Topic
5. Occupational Data
6. Long-Term Occupational Projections
7. Select "Hudson Valley" to view data for that region

OR

1. http://www.labor.state.ny.us/stats/lsproj.shtm

Understanding the Data

- Long-term occupational employment projections represent data regarding future employment patterns. Note that (1) they measure only occupational demand, (2) they are intended to capture long-term occupational trends and not short-term business cycle economic fluctuations. Current projections cover the 2008-2018 period and are updated every two years.
- This indicator can be viewed for New York State as a whole or for a number of regions, including the Hudson Valley region, which includes the counties of Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester.

Summary of Indicator

- Over the 2008 - 2018 decade, growth in the Hudson Valley Region's economy and workers leaving their occupations are expected to create 30,280 jobs, a projected increase in employment of 3.1%.
- Most of the region's projected fastest growth occupations through 2018 will be in health services. Occupations span a broad range of skills from entry level to those requiring advanced education and training. See Fastest Growing.
- Top occupations with the most openings can be viewed at Most Openings.

SocioEconomics

Long-Term Industry Projections in the Hudson Valley Region

Data Source: New York State Department of Labor Long-Term Industry Projections 2008-2018

Web Resource: http://www.labor.state.ny.us

This is a web-based indicator

Accessing the Data

1. http://www.labor.state.ny.us
2. Government & Research
3. Labor Statistics Overview
4. Data by Topic
5. Industry Data
6. Long-Term Industry Projections
7. Data for New York State and 10 labor market regions (Excel spreadsheet)

OR

1. http://www.labor.state.ny.us/stats/lsproj.shtm

Understanding the Data

- Projections of industry employment are used in economic and workforce development, education and training program planning, and in studying long-range employment trends. The projections, which are updated every 2 years, provide information for individuals who are making education and training choices, entering the job market, or changing careers. Note that (1) these projections measure only occupational demand, (2) they are intended to capture long-term occupational trends and not short-term business cycle economic fluctuations.

Summary of Indicator

- Industries with the highest projected growth from 2008 to 2018 in the Hudson Valley Region are Health Care & Social Assistance and Arts & Entertainment even though the later constitutes only a very small portion of the industry pool.
- Almost all employment gains will come from the Health Care industry, followed by Educational Service, and Professional & Business Services. These industries combined will add 42,500 jobs, accounting for over 80% of all new jobs in the region.
- Natural resources, manufacturing, and information industries are expected to suffer the highest decreases with a loss of approximately 10,000 jobs in manufacturing.

SocioEconomics

Unemployment

Data Source: New York State Department of Labor Employment and Unemployment Data

Web Resource: http://www.labor.state.ny.us

Average Annual Unemployment Rates				
Year	**Dutchess County**	**Hudson Valley Region**	**NYS (excl NYC)**	**New York State**
2000	3.2%	3.4%	3.7%	4.5%
2001	3.5%	3.7%	4.1%	4.9%
2002	4.2%	4.4%	5.0%	6.2%
2003	4.2%	4.5%	5.1%	6.4%
2004	4.3%	4.5%	5.0%	5.8%
2005	4.0%	4.1%	4.5%	5.0%
2006	3.9%	4.0%	4.4%	4.6%
2007	4.0%	4.0%	4.3%	4.5%
2008	5.2%	5.1%	5.2%	5.4%
2009	7.6%	7.3%	7.6%	8.4%
2010	7.9%	7.6%	7.9%	8.6%

Individuals Living Below Poverty by Age Group

Data Source: U.S. Census Bureau: Census 2000, American Community Survey (ACS) 2008-2010

Web Resource: http://www.census.gov

Individuals Living Below Poverty				
	2000	2008	2009	2010
Dutchess County	7.5%	8.8%	8.9%	7.5%
New York State	14.6%	13.6%	14.2%	14.9%

Dutchess County	Individuals Living Below Poverty by Age Group As % of All Individuals Living Below Poverty	
Age Group	2000	2010
Under 5 years	8.7%	10.0%
5-17 years	23.0%	18.7%
18 to 64 years	57.8%	61.6%
65 to 74 years	4.5%	5.6%
75 years and over	5.9%	4.1%

Dutchess County	Individuals Living Below Poverty by Age Group As % of Age Group	
Age Group	2000	2010
Under 5 years	10.2%	13.9%
5-17 years	8.9%	7.9%
18 to 64 years	7.0%	7.3%
65 to 74 years	5.0%	5.7%
75 years and over	8.4%	4.9%

Understanding the Data

- Census 2000 data refer to income in 1999 below poverty and the ACS estimate is based on income below poverty in the last 12 months.
- Total population = Population for whom poverty status is determined.

SocioEconomics

Families Living Below Poverty by Family Type

Data Source: U.S. Census Bureau: Census 2000, American Community Survey (ACS) 2008-2010

Web Resource: http://www.census.gov

Families Living Below Poverty				
	2000	**2008**	**2009**	**2010**
Dutchess County	5.0%	5.6%	6.9%	5.1%
New York State	11.5%	10.3%	10.8%	11.5%

Dutchess County	**Families Living Below Poverty by Age Group As % of All Families Living Below Poverty**	
Family Type	**2000**	**2010**
Families with related children < 18 years	81.8%	67.0%
Families with related children < 5 years	14.4%	15.7%
Female head of household With related children < 18 years	48.3%	50.9%

Dutchess County	**Families Living Below Poverty by Age Group As % of Family Type**	
Age Group	**2000**	**2010**
Families with related children < 18 years	7.6%	7.4%
Families with related children < 5 years	7.6%	10.1%
Female head of household With related children < 18 years	26.3%	28.6%

Understanding the Data

- Census 2000 data refer to income in 1999 below poverty and the American Community Survey estimates are based on income below poverty in the last 12 months.
- Total families = Families for whom poverty status is determined.

Cases and Individuals on Temporary Public Assistance

Data Source: New York State Office of Temporary and Disability Assistance

Web Resource: http://www.otda.state.ny.us

Temporary Public Assistance in Dutchess County Monthly Average Number of Cases and Recipients			
Year	**Cases**	**Recipients**	**% Children**
2006	1,258	2,345	59.5%
2007	1,247	2,189	57.2%
2008	1,244	2,198	57.8%
2009	1,406	2,591	57.4%
2010	1,663	3,087	57.4%

Understanding the Data

- Temporary Public Assistance is temporary cash assistance for needy individuals. There are two major programs: (1) Family Assistance provides assistance to needy families. To be eligible for public assistance, a family's countable income and resources must fall below certain limits. Families receive the difference between countable income and a standard of need based on their family size and the housing costs for their district; (2) Safety Net Assistance if not eligible for other assistance programs. For additional information regarding these programs, please see web resource.
- Data do not include payments received for medical care, Supplemental Social Security, or non-cash benefits such as Food Stamps.

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Children Receiving Temporary Public Assistance

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from New York State Office of Temporary and Disability Assistance and U.S. Census Bureau

Web Resource: http://www.nyskwic.org

Children Ages 0-17 Years Receiving Temporary Public Assistance			
Year	**Dutchess County**		**New York State (excl NYC)**
	Number	**Participation Rate**	**Participation Rate**
2006	*1,193*	1.8%	3.9%
2007	*1,116*	1.7%	3.7%
2008	*1,274*	2.0%	3.8%
2009	*1,543*	2.3%	4.2%
2010	*1,648*	2.5%	4.5%

Understanding the Data

- Temporary Public Assistance is temporary cash assistance for needy individuals. There are two major programs: (1) Family Assistance provides assistance to needy families. To be eligible for public assistance, a family's countable income and resources must fall below certain limits. Families receive the difference between countable income and a standard of need based on their family size and the housing costs for their district; (2) Safety Net Assistance if not eligible for other assistance programs. For additional information regarding these programs, please see web resource.
- Data do not include payments received for medical care, Supplemental Social Security, or non-cash benefits such as Food Stamps.
- To calculate participation rates, Census Bureau estimates of the total number of children in the county for the respective year were used.

Individuals on Temporary Public Assistance by Zip Code

Data Source: Dutchess County Department of Social Services

Web Resource: http://www.co.dutchess.ny.us

Number of Individuals on Public Assistance by Zip Code

Zip Code	Municipality *(see explanation)	2009	2010	Zip Code	Municipality *(see explanation)	2009	2010
12501	Amenia	27	26	12550	New Hamburg	17	0
12504	Annandale	0	0	12564	Pawling	11	9
12506	Bangall	0	0	12567	Pine Plains	28	21
12507	Barrytown	0	0	12569	Pleasant Valley	56	68
12508	Beacon	271	265	12601	Poughkeepsie (City)	1,884	2,018
12510	Billings	0	0	12603	Poughkeepsie (Town)	432	385
12511	Castle Point	0	0	12570	Poughquag	35	26
12512	Chelsea	4	0	12571	Red Hook/Milan	23	44
12514	Clinton Corners	8	3	12572	Rhinebeck	46	29
12522	Dover Plains	67	80	12574	Rhinecliff	1	2
12524	Fishkill	69	77	12578	Salt Point	8	15
12527	Glenham	1	1	12580	Staatsburg	38	43
12531	Holmes	3	7	12581	Stanfordville	14	16
12533	Hopewell Junction	55	53	12582	Stormville	10	6
12537	Hughsonville	4	3	12583	Tivoli	5	1
12538	Hyde Park	159	170	12585	Verbank	0	7
12540	Lagrangeville/Union Vale	48	46	12590	Wappingers Falls	218	197
12545	Millbrook	23	34	12592	Wassaic	22	23
12546	Millerton/North East	37	43	12594	Wingdale/Dover	45	57

(*) Municipalities are provided as an aid to visualize the geographic area referred to by zip code but they do not match zip code boundaries. Please refer to "Understanding the Data".

Understanding the Data

- Zip codes are administrative units established by the United States Postal Service for the most efficient delivery of mail and they do not necessarily reflect census statistical area boundaries and are not driven to approximate actual communities.

Monthly Allowances for Temporary Public Assistance for Individuals and Families

Data Source: Dutchess County Department of Social Services

Web Resource: http://www.co.dutchess.ny.us

Monthly Allowances for Temporary Public Assistance With Heat Included Individuals, Family of Three, and Two Parent/Two Child Families												
Type of Temporary Assistance	Individuals				Family of Three (One parent & two children)				Family of Four (Two parents & two children)			
	2007	2008	2009	2010	2007	2008	2009	2010	2007	2008	2009	2010
Amount of Temporary Assistance	$353	$353	$367	$382	$703	$703	$733	$765	$840	$840	$878	$919
Max Amount Available for Food Stamps/ Thrifty Food Plan	$162	$176	$200	$200	$426	$463	$526	$526	$542	$588	$668	$668

Understanding the Data

- The monthly amount of temporary assistance is for a living situation in which heat is included in costs.
- If all members in the household are on public assistance, then the individual/family is automatically qualified for the Food Stamp/Thrifty Food Plan. If not all the household members qualify, then a partial Food Stamp/Thrifty Food Plan is provided.
- **Please Note:** data revisions were made in the 2010 version of this report and are included in this report.

SocioEconomics

Children Receiving Free or Reduced Price Lunch - Grades K-6

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from New York State Education Department

Web Resource: http://www.nyskwic.org

Children Receiving Free or Reduced Price Lunch (Grades K-6)				
Year	Dutchess County		New York State (excl NYC)	New York State
	Number	Percent	Percent	Percent
2005-2006	*5,755*	25.0%	37.1%	49.5%
2006-2007	*5,866*	25.8%	32.3%	48.9%
2007-2008	*5,976*	26.7%	32.6%	49.1%
2008-2009	*6,011*	27.3%	33.8%	50.5%
2009-2010	*6,504*	30.1%	35.5%	51.7%

Understanding the Data

- Free and Reduced-price School Lunch participation identifies public school students in full-day kindergarten though 6th grade participating in one of New York State's primary school nutrition programs. The percent is computed by dividing the number of students with an approved application for either free or reduced-price lunch by the total enrollment for those public school grades and multiplying by 100 for the school year. Eligibility is determined by federal guidelines for family income and size.
- Students in grades K-6 are used as an indicator of student poverty, as opposed to all students in grades K-12, because there is a tendency among students at the junior and senior high school levels not to apply for a free or reduced-price school lunch. This tendency may or may not be equal across schools and districts.

Students Receiving Reduced Price Lunch or Eligible for Free Lunch by School District – Grades K-12

Data Source: New York State Department of Education: New York State Report Cards

Web Resource: https://www.nystart.gov/publicweb/Splash.do

Students Receiving Reduced Price Lunch and Students Eligible for Free Lunch (Grades K-12) - Dutchess County

School District	2007-2008				2008-2009				2009-2010			
	Reduced Price Lunch		Eligible for Free Lunch		Reduced Price Lunch		Eligible for Free Lunch		Reduced Price Lunch		Eligible for Free Lunch	
	#	%	#	%	#	%	#	%	#	%	#	%
Arlington	*298*	3%	*569*	6%	*350*	4%	*641*	7%	*378*	4%	*745*	8%
Beacon	*361*	11%	*802*	25%	*357*	11%	*806*	25%	*272*	8%	*575*	17%
Dover	*223*	13%	*312*	19%	*254*	16%	*394*	24%	*191*	12%	*357*	22%
Hyde Park	*457*	10%	*1,079*	24%	*396*	9%	*890*	21%	*424*	10%	*988*	24%
Millbrook	*33*	3%	*71*	6%	*48*	4%	*95*	8%	*53*	4%	*99*	8%
North East (Webutuk)	*100*	12%	*242*	29%	*110*	13%	*201*	24%	*75*	9%	*183*	23%
Pawling	*35*	2%	*53*	4%	*33*	2%	*84*	6%	*38*	3%	*120*	9%
Pine Plains	*111*	9%	*222*	18%	*106*	9%	*211*	18%	*95*	8%	*218*	19%
Poughkeepsie	*448*	10%	*2,917*	63%	*492*	11%	*2,777*	61%	*524*	12%	*3,062*	68%
Red Hook	*148*	7%	*273*	12%	*132*	6%	*217*	9%	*106*	5%	*215*	10%
Rhinebeck	*35*	3%	*34*	3%	*40*	3%	*45*	4%	*48*	4%	*67*	6%
Spackenkill	*75*	4%	*124*	7%	*74*	4%	*115*	7%	*84*	5%	*172*	10%
Wappingers	*436*	4%	*782*	6%	*501*	4%	*888*	8%	*552*	5%	*1,169*	10%

Understanding the Data

- Eligible for Free Lunch and Reduced Price Lunch percentages are determined by dividing the number of approved lunch applicants by the Basic Educational Data System (BEDS) enrollment in full day public school kindergarten through grade 12.

Meal Services for the Elderly

Data Source: Dutchess County Division of Aging Services

Web Resource: http://www.co.dutchess.ny.us/CountyGov/

Dutchess County Division of Aging Services Home Delivered Meals						
	2008		**2009**		**2010**	
Number of Home Delivered Meals Served	143,715		133,382		118,473	
Unduplicated Client Count	648		594		584	
Age Distribution	***Number***	**%**	***Number***	**%**	***Number***	**%**
Elderly 75-85+ years of age	*489*	75.5%	*437*	73.6%	*416*	71.2%
Elderly 75-84 years of age	*209*	32.3%	*192*	32.3%	*167*	28.6%
Elderly 85+ years of age	*280*	43.2%	*245*	41.2%	*249*	42.6%
Elderly 60-74 years of age	*145*	22.4%	*142*	23.9%	*150*	25.7%
Under age 60	*14*	2.2%	*15*	2.5%	*18*	3.1%
Participant Characteristics	***Number***	**%**	***Number***	**%**	***Number***	**%**
Frail	*604*	93.2%	*570*	96.0%	*535*	91.6%
Lives Alone	*371*	57.3%	*356*	59.9%	*363*	62.2%
High Nutrition Risk	*304*	46.9%	*284*	47.8%	*266*	45.5%
Disabled	*237*	36.6%	*206*	34.7%	*191*	32.7%
Rural	*220*	34.0%	*201*	33.8%	*189*	32.4%
Low Income	*177*	27.3%	*159*	26.8%	*158*	27.1%
Minority	*109*	16.8%	*101*	17.0%	*97*	16.6%
Veteran	*108*	16.7%	*96*	16.2%	*108*	18.5%

Understanding the Data

- The Dutchess County Division of Aging Services (DCDAS) prepares hot meals which are delivered to homebound seniors. Home visit assessments are made by personnel from the Nutrition Program to determine eligibility. The Home Delivered Meals Program allows seniors to remain in their homes and provides them with daily socialization with the delivery person.
- The data represent home delivered meals provided by DCDAS and do not include those provided by the four not-for-profit Meals on Wheels organizations serving the County.
- Approximately 90% of the Dutchess County population over the age of 75 lives in an area where DCOFA Home Delivered Meals and/or Meals on Wheels are available. DCDAS home delivered meals are not available to senior residents in the towns of Clinton, Stanford, Union Vale and Washington.

HOUSING AND SHELTER

HUD Income Recommendations for Apartments

Data Source: Dutchess County Department of Planning & Development: Dutchess County Rental Housing Surveys

Web Resource: http://www.co.dutchess.ny.us/

HUD Income Recommendations for Apartments and Multi-family Units				
Type of Housing	**Unit Sizes**			
Apartment Complexes	**Studio**	**1-bedroom**	**2-bedroom**	**3-bedroom**
2000 (baseline)	$22,160	$28,840	$34,200	$46,360
2007	$27,600	$37,360	$46,400	$62,480
2008	$31,400	$41,640	$52,360	$69,800
2009	$27,899	$39,717	$49,819	$67,712
2010	$29,160	$40,400	$51,800	$69,160
% Change 2000-2010	31.6%	40.1%	51.5%	49.2%
Multi-family Units	**Studio**	**1-bedroom**	**2-bedroom**	**3-bedroom**
2000 (baseline)	$22,880	$28,040	$35,280	$42,160
2007	$29,280	$34,400	$43,400	$48,200
2008	$33,800	$43,240	$52,160	$62,600
2009	$34,480	$39,760	$50,080	$59,320
2010	$30,120	$38,120	$48,120	$56,440
% Change 2000-2010	31.6%	35.9%	36.4%	33.9%

Understanding the Data

- The income needed to afford the average rent for a studio, 1, 2, or 3 bedroom apartments is based on the U.S. Department of Housing and Urban Development standard that a household should not pay more than 30% of its annual gross income on housing (including utilities).
- Section 8 allowances were added to all rents for either utilities or electric before calculations.
- Apartment complexes generally don't include electric, and multi-family units don't generally include utilities.

Vacancy Rates for Market Rate Apartments by Municipality

Data Source: Dutchess County Department of Planning & Development: Dutchess County Rental Housing Surveys

Web Resource: http://www.co.dutchess.ny.us/

Market Rate Apartment Complexes Vacancy Summary by Municipality					
Municipality	**2000 (Baseline)**	**2007**	**2008**	**2009**	**2010**
Amenia	na	2.5%	0.0%	5.0%	0.0%
Dover	na	16.7%	8.3%	29.2%	16.6%
East Fishkill	0.0%	0.0%	0.0%	0.0%	4.4%
Fishkill	1.0%	2.0%	1.1%	2.0%	2.2%
Hyde Park	4.8%	4.2%	1.6%	1.6%	2.4%
Pleasant Valley	0.0%	7.7%	5.3%	10.1%	7.1%
Poughkeepsie (town)	2.0%	4.3%	5.1%	3.5%	3.2%
Rhinebeck	1.4%	0.0%	0.0%	0.0%	2.1%
Wappingers	0.0%	0.0%	8.0%	2.5%	1.5%
Beacon (city)	na	2.6%	na	na	na
Poughkeepsie (city)	2.5%	2.3%	4.2%	4.9%	8.6%
Dutchess County Total	1.5%	3.4%	4.2%	3.3%	3.4%

Understanding the Data

- Housing experts recognize a 5.0% vacancy rate as an indicator of a healthy rental market. It is low enough not to negatively affect landlords but high enough to permit tenant mobility.
- Tax credit developments are not included. The vacancy rate for such developments will be lower because of the below market rents.
- The vacancy rate in market rate apartment complex units shows a 3% increase from 2009 to 2010 and is expected to remain low due to multiple factors including movement of homeowners in the rental market as a result of the foreclosure crisis, inability of some renters to purchase due to tight credit, and incentives (such as free month's rent) being offered by some complexes.

Homeless Individuals – Demographic Characteristics

Data Source: Homeless Management Information System Annual Homeless Assessment Report to Congress 2008-2009 & 2009-2010

Web Resource: http://www.hmis.info

Sheltered Homeless Persons in Dutchess County (Oct 2008- Sept 2009)					
Characteristics	**Persons in Families in Emergency Shelters**	**Persons in Families in Transitional Housing**	**Individuals in Emergency Shelters**	**Individuals in Transitional Housing**	**Total Persons**
Sheltered Homeless Persons (#)	*292*	*85*	*663*	*175*	*1,215*
Number of Sheltered Adults	*124*	*41*	*567*	*169*	*901* (74%)
Number of Sheltered Children	*168*	*44*	*96*	*6*	*314* (26%)
Gender of Adults					
Female	76%	78%	28%	37%	
Male	24%	22%	71%	63%	
Gender of Children					
Female	50%	43%	55%	67%	
Male	50%	57%	44%	33%	
Ethnicity					
Non-Hispanic/non-Latino	85%	78%	84%	83%	
Hispanic/Latino	15%	22%	13%	13%	
Race					
White, non-Hispanic/non-Latino	31%	34%	46%	60%	
White, Hispanic/Latino	8%	15%	7%	9%	
Black or African American	59%	47%	40%	26%	
Asian	0%	0%	0%	0%	
American Indian or Alaska Native	1%	4%	1%	0%	
Native Hawaiian or oth.Pacific Isl	0%	0%	0%	0%	
Several races	1%	0%	3%	5%	
Age					
Under 1	8%	6%	0%	0%	
1 to 5	25%	31%	0%	0%	
6 to 12	16%	11%	0%	0%	
13 to 17	9%	5%	14%	3%	
18 to 30	28%	25%	28%	27%	
31 to 50	15%	24%	42%	46%	
51 to 61	0%	0%	13%	21%	
62 and older	0%	0%	3%	2%	

(Cont'd on next page)

Homeless Individuals – Demographic Characteristics (cont'd)

Sheltered Homeless Persons in Dutchess County (2009-2010) *							
Characteristics	Persons in ...			Individuals in …			Total Persons
	Families in Emerg. Shelters	Families in Transit. Housing	Families in Perm. Support. Housing	Emerg. Shelters	Transit. Housing	Families in Perm. Support. Housing	
Sheltered Homeless Persons (#)	*285*	*90*	*53*	*708*	*169*	*111*	*1,416*
Number of Sheltered Adults	*117*	*40*	*22*	*617*	*165*	*111*	*1,072* (76%)
Number of Sheltered Children	*168*	*50*	*31*	*91*	*4*	*0*	*344* (24%)
Gender of Adults							
Female	82%	83%	86%	21%	28%	37%	
Male	18%	18%	14%	79%	72%	62%	
Gender of Children							
Female	42%	54%	35%	60%	50%	0%	
Male	58%	46%	65%	40%	50%	0%	
Ethnicity							
Non-Hispanic/non-Latino	86%	74%	57%	88%	89%	94%	
Hispanic/Latino	14%	26%	28%	11%	11%	5%	
Race							
White, non-Hispanic/non-Latino	29%	21%	26%	46%	57%	63%	
White, Hispanic/Latino	8%	20%	17%	6%	7%	5%	
Black or African American	61%	56%	38%	42%	31%	28%	
Asian	0%	0%	4%	0%	0%	0%	
Amer. Indian or Alaska Native	1%	3%	0%	1%	1%	1%	
Native Hawaiian or oth.Pacif.Isl	0%	0%	0%	0%	0%	0%	
Several races	0%	0%	15%	4%	4%	4%	
Age							
Under 1	11%	10%	6%	0%	1%	0%	
1 to 5	23%	30%	17%	1%	0%	0%	
6 to 12	18%	8%	25%	1%	1%	0%	
13 to 17	7%	8%	11%	11%	1%	0%	
18 to 30	25%	28%	17%	28%	34%	19%	
31 to 50	15%	16%	23%	42%	41%	44%	
51 to 61	0%	1%	2%	15%	22%	31%	
62 and older	0%	0%	0%	2%	1%	5%	

* New category added "Permanent Supportive Housing". Please see "Understanding the Data".

Abbreviations: Emerg = emergency; Transit = transitional; Perm. Support = permanent supportive

(Cont'd on next page)

Homeless Individuals – Demographic Characteristics (cont'd)

Understanding the Data

- **Changes to Indicator**: The categories of Persons/Individuals in Families in Permanent Supportive Housing (i.e. qualified disabled adults/families) have been added. People in permanent supportive housing would be homeless if not for the supportive housing and services they receive.
- Percentages: There are a few indicators where the percentages will not add up to 100% because 1-2% of the respondents did not provide the information. There is only one instance, in 2009-2010, where the non-response rate was high – 15% unknown Ethnicity for Persons in Families in Permanent Supportive Housing.
- Families are defined as any household that includes at least one adult over 18 years old and one child younger than 18 years old. All other persons, including those in multi-person households consisting of only adults or only children, are reported as single individuals.
- Data do not include persons served by "victim service providers" including rape crisis centers, battered women's shelters, domestic violence transitional housing programs, and other programs whose primary missions is to provide services to victims of domestic violence, dating violence, sexual assault or stalking. Data also do not include those who were living in places not meant for human habitation, such as on the street, in hotels or motels, or in doubled-up living situations, unless these persons also used emergency shelter or transitional housing.
- Data include estimates of homeless individuals and persons in families in Emergency Shelter and transitional housing programs that participate in HMIS, as well as those that do not participate in HMIS. The estimate is an "extrapolated count" and is based on the assumption that beds located in programs that do not participate in HMIS are occupied at the same rate as beds located in HMIS-participating programs.

Homeless Individuals – Length of Stay in Emergency Shelters and Transitional Housing

Data Source: Homeless Management Information System Annual Homeless Assessment Report to Congress 2008-2009 & 2009-2010

Web Resource: http://www.hmis.info

Length of Stay in Emergency Shelter and Transitional Housing in Dutchess County						
Length of Stay by Year	**Persons in Families in Emergency Shelters**	**Persons in Families in Transitional Housing**	**Persons in Families in Permanent Supportive Housing**	**Individuals in Emergency Shelters**	**Individuals in Transitional Housing**	**Individuals in Permanent Supportive Housing**
Oct 2008-Sept 2009						
Number of Persons	*292*	*85*	*na*	*663*	*175*	*na*
A week of less	11%	2%		49%	3%	
1 week to 1 month	24%	12%		25%	9%	
1 to 3 months	34%	8%		18%	18%	
3 to 6 months	25%	24%		6%	25%	
6 to 9 months	3%	11%		2%	14%	
9 to 12 months	2%	44%		1%	32%	
Oct 2009-Sept 2010						
Number of Persons	*285*	*90*	*53*	*708*	*169*	*111*
A week of less	16%	6%	0%	41%	5%	4%
1 week to 1 month	25%	3%	0%	27%	6%	2%
1 to 3 months	34%	12%	6%	19%	19%	14%
3 to 6 months	22%	13%	4%	8%	25%	18%
6 to 9 months	2%	13%	4%	3%	15%	11%
9 to 12 months	0%	52%	87%	2%	30%	51%

Understanding the Data

- Please refer to previous indicator for information on definitions.

Homeless Youth by School District

Data Source: NYS-Teachs 2009-2010 BEDS Data on Homelessness

Web Resource: http://www.nysteachs.org/

Homeless Youth in Dutchess County by School District (2009-2010)					
School District	**Total Number**	**Shelters**	**Doubled-up**	**Hotel/Motel**	**Unsheltered**
Arlington	86	42	28	16	0
Beacon	61	23	38	0	0
Dover	2	1	1	0	0
Hyde Park	42	11	18	13	0
Millbrook	4	1	3	0	0
North East (Webutuk)	9	5	4	0	0
Pawling	0	0	0	0	0
Pine Plains	17	0	15	2	0
Poughkeepsie	84	55	24	5	0
Red Hook	1	1	0	0	0
Rhinebeck	2	0	2	0	0
Spackenkill	0	0	0	0	0
Wappingers	75	37	25	12	1
Dutchess County Total	**383**	**176**	**158**	**48**	**1**

Comparison with Other Hudson Valley Region Counties (2009-2010)					
NYS County	**Total Number**	**Shelters**	**Doubled-up**	**Hotel/Motel**	**Unsheltered**
Columbia	173	*52.6%*	*19.7%*	*27.7%*	*0.0%*
Dutchess	**383**	***46.0%***	***41.3%***	***12.5%***	***0.3%***
Orange	1,445	*80.3%*	*11.9%*	*7.5%*	*0.3%*
Putnam	159	*57.9%*	*4.4%*	*37.7%*	*0.0%*
Rockland	342	*81.6%*	*6.1%*	*12.3%*	*0.0%*
Sullivan	413	*51.6%*	*27.4%*	*21.1%*	*0.0%*
Ulster	490	*39.8%*	*22.0%*	*37.6%*	*0.6%*
Westchester	1,841	*62.8%*	*0.4%*	*36.6%*	*0.2%*

Note: The categories "Transitional" and "Await Foster Care" which were included in the May 2010 version of this report are no longer available.

INDIVIDUAL SAFETY AND WELFARE

Family Offense Petitions Filed in Dutchess County Family Court

Data Source: Dutchess County Office of Probation and Community Corrections

Web Resource: http://www.co.dutchess.ny.us

Family Offense Petitions Filed In Dutchess County Family Court	
Year	**Number of Cases**
2006	1,293
2007	1,361
2008	1,435
2009	1,721
2010	1,712

Understanding the Data

- Effective 7/21/08, the Family Court Act and the Criminal Procedure Law were amended to expand the definition of "member of the same family or household" to include individuals involved in "intimate relationships", so that the latter will be able to avail themselves of the concurrent family and criminal court family offense jurisdiction (NYS United Court System Office of Legislative Counsel).

Adult Protection Cases

Data Source: Dutchess County Department of Social Services

Web Resource: http://www.co.dutchess.ny.us

Adult Protection Cases	
Year	**Number of Cases**
2006	350
2007	349
2008	363
2009	361
2010	296

Understanding the Data

- Protective services for adults identify and assist individuals over the age of 18 with physical or mental impairments who can no longer provide for their own needs or protect themselves.

Child Abuse and Neglect Reports Made to the New York State Central Registry Hotline

Data Source: New York State Office of Children & Family Services; New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Office of Children and Family Services

Web Resource: http://www.ocfs.state.ny.us; http://www.nyskwic.org

Child Abuse Reports and Indicated Reports			
Year	**Reports Received (Number)**	**Indicated Reports (Number)**	**Indicated Reports *(Percent)***
2006	2,604	791	*30.4%*
2007	2,491	774	*31.1%*
2008	2,613	756	*28.9%*
2009	2,806	951	*33.9%*
2010	2,766	904	*32.7%*

Understanding the Data

- A report is any incident called into the New York State Central Registry Hotline.
- A report is "indicated" after it is investigated and substantiated by the Department of Social Services.
- Reports reflect number of cases and not number of individual children.

Children and Youth in Foster Care

Data Source: New York State Office of Children and Family Services: Child Welfare Performance Profiles

Web Resource: http://www.ocfs.state.ny.us/

Children and Youth Ages 0-21 Years in Foster Care by Placement Type As of End of Each Year Dutchess County				
Year	Total In Care	Foster Boarding Home	Kinship Foster Care	Residential Care
	Number	Percent	Percent	Percent
2006	*275*	46%	10%	44%
2007	*299*	44%	10%	46%
2008	*276*	49%	4%	46%
2009	*309*	49%	10%	41%
2010	*289*	43%	11%	46%

Understanding the Data

- In care counts exclude children who have been in OCFS custody for their entire foster care spell.
- Children/youth in foster care represent a "point in time" number of children/youth in the care and custody of local commissioners of social services on December 31 of a given year.
- While the age group is defined as 0-21 years, the number of youth ages 18 and older is extremely small. Unfortunately, the above data were not available for ages 0-17 only.

Admissions to Foster Care Placement

Data Source: New York State Office of Children and Family Services: Child Welfare Performance Profiles; U.S. Census Bureau: Population Estimates 2006-2009 & Census 2010

Web Resource: http://www.ocfs.state.ny.us/; http://www.census.gov/

Placements in Foster Care Ages 0-17 Years - Dutchess County				
Year	Total	Re-Entered Care	First Admission	
	Number	Number	Number	*Rate per 1,000 population ages 0-17*
2006	191	58	132	*2.0*
2007	148	31	117	*1.8*
2008	154	31	123	*1.9*
2009	189	50	139	*2.1*
2010	174	30	141	*2.1*

Understanding the Data

- **Changes to Indicator:** Data included in the May 2010 version of this report are no longer available and the indicator has been revised.
- Placement counts exclude placements for children who have been in OCFS custody for their entire foster care spell.
- The rate for first admissions is per 1,000 children ages 0-17.

Missing Children – Reports and Case Closures by Category

Data Source: New York State Division of Criminal Justice Services: Missing Children Annual Reports

Web Resource: http://www.criminaljustice.state.ny.us

Rate of Missing Children Reported to Law Enforcement Agencies (rate per 1,000 children)		
Year	**Dutchess County**	**New York State**
2006	4.3	4.7
2007	4.2	4.6
2008	4.0	4.4
2009	5.2	4.0
2010	3.7	4.4

Missing Children Reports by Category in Dutchess County							
Year	**Runaway**	**Acquaint. Abduction**	**Familial Abduction**	**Stranger Abduction**	**Lost**	**Unknown**	***Total***
2006	89%	0%	1%	0%	4%	5%	***295***
2007	87%	0%	3%	0%	5%	5%	***286***
2008	89%	0%	1%	0%	4%	6%	***272***
2009	92%	1%	3%	0%	2%	2%	***350***
2010	91%	0%	1%	0%	3%	5%	***246***

(Cont'd on next page)

Missing Children – Reports and Case Closures by Category (Cont'd)

Missing Children Cases Closed by Category in Dutchess County							
Year	**Voluntary Return**	**Returned by Police Dept**	**Arrested**	**Victimized**	**Deceased**	**Other/ Unknown**	***Total***
2006	44%	34%	7%	3%	0%	13%	***295***
2007	45%	33%	5%	1%	0%	15%	***280***
2008	46%	33%	7%	1%	0%	13%	***283***
2009	41%	38%	5%	1%	0%	14%	***343***
2010	46%	34%	6%	2%	0%	11%	***254***

Understanding the Data

- The New York State Missing and Exploited Children Clearinghouse/Registry within the Division of Criminal Justice Services collects data on missing and exploited children, provides investigative support services to law enforcement agencies in connection with missing child cases, assistance to family members, delivery of community education programs to heighten awareness of missing and exploited child issues, and works to reduce the incidence of missing child cases.

SocioEconomics

CHILD CARE

Registered/Licensed Programs Caring for School-Age Children and Child Care Slots for After-School and Day Care Programs

Data Source: Child Care Council of Dutchess and Putnam, Inc.

Web Resource: http://www.childcaredutchess.org/

Registered/Licensed Programs Caring for School-Age Children In Dutchess County

Year	Family Day Care Homes	Group Family Day Care	Child Care Centers	School-Age Child Care
2007	124	77	50	36
2008	109	85	53	34
2009	106	85	57	33
2010	93	83	58	29

Licensed After-School Child Care Slots for School-Age Children in Dutchess County

Year	Family Day Care Homes	Group Family Day Care	Child Care Centers	School-Age Child Care
2007	248	154	708	1,825
2008	218	170	715	1,552
2009	212	170	783	1,362
2010	186	252	773	1,189

Child Care Slots for Family Day Care and Group Family Day Care in Dutchess County

Year	Family Day Care Homes			Group Family Day Care		
	Infant	Toddler/ Preschool	School-Age	Infant	Toddler/ Preschool	School-Age
2007	148	372	248	308	462	154
2008	218	327	218	340	510	170
2009	212	318	212	340	510	170
2010	129	420	186	332	662	252

Criminal Justice

OVERVIEW

Reported Index Crimes

Data Source: New York State Division of Criminal Justice Services Index Crimes Reported

Web Resource: http://www.criminaljustice.state.ny.us/

Index Crimes Reported in Dutchess County Violent Crime and Property Crime Reports Broken Down by Category (rate per 100,000 population)						
Crime Type	**2006**	**2007**	**2008**	**2009**	**2010**	**% change 2009 vs 2010**
Total Index Crimes	*5,960*	*6,389*	*6,492*	*6,092*	*5,676*	*-6.7%*
Rate	2,040	2,182	2,217	1,997	1,947	-2.5%
Violent Crime	*853*	*892*	*885*	*902*	*708*	*-21.5%*
Rate	292	305	302	305	243	-20.3%
Murder	*8*	*14*	*5*	*4*	*13*	*225.0%*
Forcible Rape	*39*	*42*	*45*	*35*	*41*	*17.1%*
Robbery	*264*	*252*	*244*	*276*	*208*	*-24.6%*
Aggravated Assault	*542*	*584*	*591*	*587*	*446*	*-24.0%*
Property Crime	*5,107*	*5,497*	*5,607*	*5,180*	*4,968*	*-4.1%*
Rate	1,748	1,878	1,914	1,691	1,704	0.8%
Burglary	*899*	*904*	*990*	*881*	*967*	*9.8%*
Larceny	*3,974*	*4,330*	*4,406*	*4,131*	*3,863*	*-6.5%*
MV Theft	*234*	*263*	*211*	*168*	*138*	*-17.9%*

Understanding the Data

- Index crimes form the traditional quick view of crimes as established by the FBI more than 75 years ago. They are classified as the most serious offenses and are the crimes referred to in newspaper headlines that accompany the annual release of national data, usually in terms such as, 'crime is up' or 'crime dips by 5 percent.'
- A distinction is made between violent and property crimes because their arrest trends generally differ.
- Violent index crimes include murder, non-negligent manslaughter, forcible rape, robbery, and aggravated assault.
- Property index crimes are burglary, larceny, and motor vehicle theft.

Criminal Justice

ADULT CRIME

Domestic Violence – Incidents, Arrests, and Victims by Type of Offense

Data Source: (1) Dutchess County Legislative Citizens' Advisory Committee on Domestic Violence - System-Wide Review and Recommendations; (2) New York State Division of Criminal Justice Services Domestic Violence Victim Data

Web Resource: (1) http://www.co.dutchess.ny.us/CountyGov/Departments/Legislature; (2) http://www.criminaljustice.state.ny.us/

Domestic Violence Reported Incidents and Arrests – Dutchess County (1)			
Year	**Incidents Reported**	**Total Arrests**	**Felony Domestic Violence Arrests**
2005	*4,558*	*1,110*	na
2006	*3,911*	*986*	na
2007	*4,125*	*1,077*	21.7%
2008	*4,183*	*982*	23.4%
2009	*4,764*	*1,102*	22.8%

Victims of Domestic Violence by Type of Offense - Dutchess County (2)									
Year	**Aggravated Assault**		**Simple Assault**		**Sex Offense**		**Violence Protection Order**		**Total**
	#	**%**	**#**	**%**	**#**	**%**	**#**	**%**	**#**
2009	*116*	9.6%	*982*	81.0%	*20*	1.7%	*94*	7.8%	*1,212*
2010	*119*	10.1%	*934*	79.2%	*30*	2.5%	*97*	8.2%	*1,180*

Understanding the Data

- **Changes in Indicator:** Additional data have become available to provide a more in depth report on this topic.
- (1) Domestic violence incidents reported to law enforcement and arrests include domestic violence, sexual assault, and child abuse incidents.
- (2) The Division of Criminal Justice Services collects information on victims of domestic violence reported through the Uniform Crime Reporting program. Victim counts are reported for the following offenses: aggravated assault, simple assault, sex offenses, and violation of protective orders.

Criminal Justice

Adult Arrests for Felonies and Misdemeanors

Data Source: New York State Division of Criminal Justice Services Adult Arrests
Web Resource: http://www.criminaljustice.state.ny.us/

Number of Adult Arrests for Felonies and Misdemeanors in Dutchess County					
Crime Type	**2006**	**2007**	**2008**	**2009**	**2010**
Felonies	**1,589**	**1,501**	**1,662**	**1,580**	**1,730**
Drug	230	166	173	177	195
Violent	374	308	361	378	421
DWI	178	206	205	191	240
Other	806	819	902	834	874
Misdemeanors	**4,064**	**4,222**	**4,287**	**4,408**	**4,190**
Drug	348	304	333	355	428
DWI	1,303	1,440	1,383	1,255	1,248
Property	949	1,074	1,179	1,328	1,179
Other	1,464	1,402	1,335	1,470	1,335
Total Arrests	**5,653**	**5,723**	**5,949**	**5,988**	**5,920**

Understanding the Data

- For finger-printable offenses, adult arrests include ages 16 and older and juvenile offenders prosecuted in adult courts.
- Felony offense - a sentence to a term of imprisonment in excess of one year may be imposed.
- Violent Felony - includes all charges listed under Penal Law Article 70.02 and Class A felonies of murder, arson, and kidnapping.
- Misdemeanor offense - other than traffic infractions, for which a sentence to a term of imprisonment > 15 days may be imposed, but for which a sentence to a term of imprisonment in > 1 year cannot be imposed.
- Drug offense - all charges listed under Penal Law Articles 220 (controlled substances) and 221 (marijuana).
- Driving While Intoxicated (DWI) - includes all charges listed under Vehicle and Traffic Law Section 1192.
- Property offense - all misdemeanor charges listed under Penal Law Articles 140, 145, 150, 155 and 165.
- Other offense - includes all charges not specified above.

Criminal Justice

YOUNG ADULT AND YOUTH CRIME

Persons in Need of Supervision (PINS) Complaints Received

Data Source: Dutchess County Office of Probation and Community Corrections

Web Resource: http://www.co.dutchess.ny.us

PINS Complaints Received in Dutchess County – Youth Ages < 18 Years	
Year	**Number**
2006	430
2007	406
2008	396
2009	406
2010	365

Understanding the Data

- Persons in Need of Supervision (PINS) is a term that describes youth under the age of 18 who demonstrate a pattern of serious behavioral problems (non-criminal misconduct) such as running away, not attending school regularly, marijuana use, being habitually disobedient, and who come to the attention of the juvenile justice system.

Criminal Justice

Persons in Need of Supervision (PINS) – Cases Opened

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Office of Court Admissions

Web Resource: http://www.nyskwic.org

PINS Cases Opened in Dutchess County - Youth Ages 7-17 Years		
Year	**# PINS Cases Opened**	**Rate per 1,000 Youth Ages 7-17 Years**
2003	*576*	12.4
2004	*567*	12.2
2005	*473*	10.2
2006	*430*	9.3
2007	*406*	9.0

Understanding the Data

- **Changes in Indicator:** Data included in the May 2010 version of this report for *"Persons in Need of Supervision (PINS) Court Dispositions"* are no longer available and the indicator has been revised.
- The number of PINS cases opened by local Probation Departments is the best official indicator of the level of non-criminal misconduct among youth that is perceived as sufficiently serious by parents, school officials, or other authorities to warrant the probation department's intervention.
- Please refer to page 41 for definition of PINS.

Criminal Justice

Youth on Probation

Data Source: Dutchess County Office of Probation and Community Corrections

Web Resource: http://www.co.dutchess.ny.us

Youth Ages 16-21 Years on Probation in Dutchess County		
Year	**# Youth from Criminal Court on Probation as Adults**	**# PINS & JD Cases Received from Family Court for Supervision**
2006	792	138
2007	495	159
2008	427	118
2009	414	175
2010	215	133

Understanding the Data

- The number of cases received from family court includes juvenile delinquency (JD) and non-diversion PINS cases.
- PINS Diversion cases are not included in the data.
- PINS complaints can be filed up until the 18th birthday and JD appearance tickets are issued up to a youth's 16th birthday. Because an adjudicated JD can be on probation for two years, the age ranges can overlap.
- Please refer to page 41 for definition of PINS.

Criminal Justice

Juvenile Delinquent (JD) Probation Cases Closed

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Office of Court Admissions

Web Resource: http://www.nyskwic.org

Juvenile Delinquent Probation Cases Referred to Petition Immediately Youth Ages 7-15 Years - Dutchess County		
Year	**# Cases**	**Rate per 100 juvenile probation cases closed**
2004	*158*	49.8
2005	*149*	51.2
2006	*115*	44.6
2007	*63*	28.6
2008	*114*	33.2

Juvenile Delinquent Probation Cases Referred to Petition After Diversion Attempt Youth Ages 7-15 Years - Dutchess County		
Year	**# Cases**	**Rate per 100 juvenile probation cases closed**
2004	*57*	18
2005	*8*	2.7
2006	*24*	9.3
2007	*54*	24.5
2008	*37*	10.8

Understanding the Data

- **Changes in Indicator:** Data included in the May 2010 version of this report for *"Juvenile Delinquent (JD) Court Dispositions"* are no longer available and the indicator has been revised.
- The JD cases referred for petition immediately rate is the official indicator of the juvenile delinquency complaints that represent cases where adjustment was not attempted by the probation department and were referred immediately to the presentment agency for a petition to family court.
- The JD cases referred for petition after a diversion attempt rate is the official indicator of the juvenile delinquency complaints that represent an attempted adjustment by the probation department which failed and were referred to the presentment agency for a petition to family court.

Criminal Justice

Bookings under 21Years of Age in Dutchess County Jail

Data Source: Dutchess County Department of Probation and Community Corrections

Web Resource: http://www.co.dutchess.ny.us

Bookings under 21 Years of Age in Dutchess County Jail	
Year	**Number of Cases**
2006	616
2007	561
2008	588
2009	514
2010	588

Understanding the Data

- Number of bookings will include multiple counts of individuals who were booked more than once.

Criminal Justice

Young Adult Arrests by Type of Crime

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Division of Criminal Justice Services
Web Resource: http://www.nyskwic.org

Young Adult Arrests by Type of Crime – Ages 16-21 Years (rate per 10,000 young adults ages 16-21)						
Year	Violent Crimes			Property Crimes		
	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)
	#	Rate	Rate	#	Rate	Rate
2006	*152*	54.7	58.7	*394*	141.9	163.7
2007	*111*	39.6	51.2	*404*	144.0	167.6
2008	*109*	38.3	52.4	*526*	185.0	191.8
2009	*127*	42.2	50.5	*567*	188.3	188.5
2010	*95*	31.5	44.8	*504*	167.4	182.8
Year	Drug Use/Possession/Sale			Driving While Intoxicated		
	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)
	#	Rate	Rate	#	Rate	Rate
2006	*180*	64.8	101.3	*233*	83.9	69.2
2007	*129*	46.0	91.7	*327*	116.5	65.9
2008	*129*	45.4	87.8	*243*	85.5	62.6
2009	*117*	38.9	81.0	*227*	75.4	56.4
2010	*169*	56.1	82.3	*240*	79.7	52.1

Understanding the Data

- Violent and property crimes are considered "Index crimes". See definitions on page 39.
- The young adult arrest data are derived from the criminal history database, which contains finger-printable arrest information concerning people age 16 through 21 years. These arrest cases are processed through the adult criminal system of prosecution, court, and corrections.
- A young adult arrest is recorded in the jurisdiction where the arrest occurs (which may not be the jurisdiction where the crime occurred), and only the most serious offense that was committed during a crime incident or multiple crime incidents is counted.

(Cont'd on next page)

Young Adult Arrests by Type of Crime (Cont'd)

- The rate of young adult drug arrests is a direct measure of the law enforcement response to young adults and drug use and an indirect measure of young adult drug use in the population.
- The young adult arrest rate for driving while intoxicated is a direct measure of law enforcement response to underage drinking and drunk driving and is an indirect measure of young adult alcohol use in the population.
- Arrest numbers should not be related to crime numbers of the same type. The results can be very misleading for the following reasons: - many persons who commit crimes are never arrested; - a single arrest can involve multiple crime incidents, such as when the arrest of a burglar reveals that he is responsible for a number of burglaries over a period of months; and - more than one person can be arrested for the same crime incident, such as when one burglary is committed by a pair of people working as a team.

Criminal Justice

Juvenile Arrests by Type of Crime

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Division of Criminal Justice Services
Web Resource: http://www.nyskwic.org

Juvenile Arrests by Type of Crime – Ages < 16 Years (rate per 10,000 juveniles < 16 years)						
Year	Violent Crimes			Property Crimes		
	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)
	#	Rate	Rate	#	Rate	Rate
2006	*52*	14.1	10.4	*66*	17.9	39.6
2007	*46*	12.7	9.4	*63*	17.4	36.2
2008	*18*	5.1*	9.0	*126*	35.4	39.0
2009	*26*	7.5	7.3	*109*	31.5	37.4
2010	*37*	10.7	6.7	*58*	16.7	36.6

Year	Drug Use/Possession/Sale		
	Dutchess County		NYS (excl NYC)
	#	Rate	Rate
2006	*13*	3.5*	5.1
2007	*3*	0.8*	4.3
2008	*16*	4.5*	4.3
2009	*11*	3.2*	4.1
2010	*4*	1.2*	3.9

* Rates are not stable when the numbers are less than 20 and should be interpreted with caution

Understanding the Data

- **Changes in Indicator**: The data on youth crime ages 10-17 included in the May 2010 version of this report are no longer available and have been replaced with a crime analysis of juveniles under 16 years of age.
- Violent and property crimes are considered "Index crimes". See definitions on page 39.
- Recent Division of Criminal Justice Services quality reviews have shown that arrest reporting for juveniles – people less than 16 years of age - is not currently reliable in many jurisdictions due to widely differing local views of the definition of "juvenile arrest."

Physical and Emotional Health

MATERNAL AND CHILD HEALTH

Live Births and Birth Rates

Data Source: New York State Department of Health Bureau of Biometrics

Web Resource: http://www.health.state.ny.us/statistics/

Live Births and Birth Rate Trends (rate per 1,000 females ages 15-44)			
Year	**Dutchess County**		**New York State (excl NYC)**
	Number	**Rate**	**Rate**
2005	*3,183*	51.7	57.3
2006	*3,059*	49.5	58.0
2007	*3,080*	51.5	59.0
2008	*2,925*	49.1	58.3
2009	*2,917*	51.6	58.9

Physical and Emotional Health

Teen Pregnancy and Live Births

Data Source: New York State Department of Health: Bureau of Biometrics, Community Health Data Set

Web Resource: http://www.health.state.ny.us/statistics/

Teen Pregnancy by Age Group (rate per 1,000 females age specific)										
Period	Ages 10-14		Ages 15-17			Ages 18-19			Ages 15-19	
	Dutchess County	NYS (excl NYC)	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)	Dutchess County	NYS (excl NYC)
	Rate*	Rate	#	Rate	Rate	#	Rate	Rate	Rate	Rate
2003-2005	0.6	0.9	*390*	20.8	23.8	*745*	50.5	67.3	33.8	41.6
2004-2006	0.8	0.9	*431*	22.5	23.7	*792*	51.9	66.2	35.5	41.1
2005-2007	0.7	0.9	*435*	22.7	23.8	*792*	50.8	66.2	35.3	41.4
2006-2008	0.8	0.9	*391*	20.5	23.2	*815*	49.9	64.6	34.1	40.8
2007-2009	0.7	n/a	*348*	18.3	n/a	*748*	45.5	n/a	30.9	39.4

(*) Numerators <= 10, rates should be interpreted with caution

Healthy People 2010 Goal for Reducing Teen Pregnancy Rate – Ages 15-17 Years
43/1,000 females ages 15-17 years

Teen Live Births by Age Group (rate per 1,000 females age specific)										
Period	Ages 10-14		Ages 15-17			Ages 18-19			Ages 15-19	
	Dutchess County	NYS (excl NYC)	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)	Dutchess County	NYS (excl NYC)
	Rate*	Rate	#	Rate	Rate	#	Rate	Rate	Rate	Rate
2003-2005	0.1	0.3	*140*	7.5	11.4	*352*	24.3	38.1	14.9	22.4
2004-2006	0.1	0.3	*143*	7.5	10.9	*348*	23.2	37.4	14.4	21.8
2005-2007	0.1	0.3	*134*	7.0	10.8	*356*	22.8	37.8	14.1	22.0
2006-2008	0.1	0.3	*118*	6.2	10.8	*376*	23.0	37.1	13.9	21.9
2007-2009	0.2	0.3	*113*	5.9	10.6	*360*	21.9	36.4	13.3	21.6

(*) Numerators <= 10, rates should be interpreted with caution

Physical and Emotional Health

Initiation and Adequacy of Prenatal Care (Live Births)

Data Source: New York State Department of Health: Bureau of Biometrics, Community Health Data Set, County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Early Prenatal Care (1st Trimester)			
Period	Dutchess County		New York State (excl NYC)
	Number	Percent	Percent
2003-2005	*6,081*	83.7	77.8
2004-2006	*6,062*	84.2	77.3
2005-2007	*6,803*	83.6	76.4
2006-2008	*6,579*	82.6	75.3
2007-2009	*6,539*	82.2	74.9

Adequate Prenatal Care			
Period	Dutchess County		New York State (excl NYC)
	Number	Percent	Percent
2003-2005	*5,275*	78.5	68.3
2004-2006	*5,282*	78.1	68.6
2005-2007	*5,960*	77.8	68.3
2006-2008	*5,677*	75.4	67.9

Healthy People 2010 Goals	
Increase Early Entry into Prenatal Care	Increase Adequate Prenatal Care
90%	90%

Understanding the Data

- Live births where prenatal care data are missing are not included.
  - On average, 10-20% of birth records are missing start of prenatal care data.
  - In 2004, 44% of birth records had missing start of prenatal care data.
- % adequate prenatal care is based on the Kotelchuk Index which takes into account the number of prenatal care visits received and the number of expected visits by age of gestation at delivery and incorporates a category that distinguishes women who have had more prenatal visits than would be expected (Adequacy + Category).
  - 2007-2009 data are not currently available for this indicator.

Physical and Emotional Health

Premature Births (Live Births)

Data Source: New York State Department of Health: Bureau of Biometrics, Community Health Data Set, County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Premature Births (< 37 Weeks Gestation)			
Period	**Dutchess County**		**New York State (excl NYC)**
	Number	**Percent**	**Percent**
2003-2005	*839*	10.6	11.3
2004-2006	*873*	11.1	11.7
2005-2007	*970*	11.1	11.9
2006-2008	*942*	11.1	11.7
2007-2009	*898*	10.7	11.3

Healthy People 2010 Goal for Reducing Premature Births
7.6%

Understanding the Data

- Live births where gestational age data are missing are not included.
- The 2006-2008 data have been updated from the 2010 version of this report.

Physical and Emotional Health

Low Birthweight Births & Premature Low Birthweight Births (Live Births)

Data Source: New York State Department of Health: Bureau of Biometrics, Community Health Data Set, County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Low Birthweight Births (< 2500 grams)			
Period	Dutchess County		New York State (excl NYC)
	Number	Percent	Percent
2003-2005	*653*	6.8	7.5
2004-2006	*663*	7.1	7.7
2005-2007	*687*	7.4	7.8
2006-2008	*660*	7.3	7.7
2007-2009	*636*	7.1	7.7

Healthy People 2010 Goal for Reducing Low Birthweight Births
5.0%

Percent of Low Birthweight Births (< 2500 g) that Are Also Premature (< 37 weeks)		
Period	Dutchess County	
	Number	Percent
2003-2005	*432*	38.8
2004-2006	*462*	71.5
2005-2007	*475*	71.0
2006-2008	*460*	70.8
2007-2009	*445*	71.5

Understanding the Data

- Due to data limitations, premature low birthweight births do not include resident births occurring in New York City. These births account for about 1-1.5% of all Dutchess County resident births.
- Live births where birthweight and/or gestational age data are missing are not included.

Physical and Emotional Health

Infant Mortality

Data Source: New York State Department of Health: Bureau of Biometrics, Community Health Data Set

Web Resource: http://www.health.state.ny.us/statistics/

Infant Mortality (rate per 1,000 live births)			
Period	Dutchess County		NYS (excl NYC)
	Number	Rate	Rate
2003-2005	*52*	5.4	5.9
2004-2006	*47*	5.0	5.8
2005-2007	*39*	4.2	5.8
2006-2008	*41*	4.5	5.7
2007-2009	*38*	4.3	5.8

Breakdown of Infant Mortality (percent)	
Dutchess County	
Neonatal	Post-neonatal
82.4%	17.6%
75.0%	25.0%
69.2%	30.8%
61.5%	38.5%
63.2%	36.9%

Healthy People 2010 Goal for Reducing Infant Mortality
4.5/1,000 live births

Neonatal Mortality (rate per 1,000 live births)			
Period	Dutchess County		New York State (excl NYC)
	Number	Rate	Rate
2003-2005	*42*	4.4	4.3
2004-2006	*35*	3.7	4.1
2005-2007	*27*	2.9	4.0
2006-2008	*25*	2.8	3.9
2007-2009	*24*	2.7	4.0

Understanding the Data

- Infant death - within first year of life; inclusive of neonatal and post-neonatal deaths.
- Neonatal death - within first 28 days of life.
- Post-neonatal death - occurs at $\geq$ 28 days of life and < 1 year of life.

Physical and Emotional Health

Early Intervention

Data Source: Dutchess County Early Intervention Program: Dutchess County Department of Health KIDS Report
Web Resource: http://www.health.state.ny.us/statistics/

Dutchess County Early Intervention Program					
	2006	**2007**	**2008**	**2009**	**2010**
Referrals	705	793	754	747	652
Age Groups					
0-1 yrs	22.4%	17.7%	18.3%	18.6%	19.2%
1-2 yrs	47.2%	50.3%	52.1%	52.2%	48.5%
2-3 yrs	30.2%	32.0%	29.3%	29.0%	32.4%
3+ transfers	0.1%	0.0%	0.3%	0.1%	0.0%
Closures	719	713	755	759	788
Reasons					
Ineligible	20.9%	31.7%	29.7%	27.4%	32.0%
Condition Resolved	22.0%	14.4%	13.0%	13.4%	12.7%
Transfer 3-5	40.1%	38.7%	38.9%	38.9%	40.0%
Other	17.1%	15.1%	18.4%	20.3%	15.4%
Total Enrollments	1,339	1,379	1,378	1,332	1,226

Understanding the Data

- Referrals - number of new patients for a specified year.
- Enrollments - number of new patients + patients enrolled in a previous year but still enrolled during the specified year.

Physical and Emotional Health

HEALTH INSURANCE

Individuals without Health Insurance Coverage by Age Group

Data Source: U.S. Census Bureau: American Community Survey 2008-2010

Web Resource: http://census.gov

Individuals Without Health Insurance Coverage by Age Group								
Period	Dutchess County				New York State			
	Total	< 18 yrs	18-64 yrs	≥ 65 yrs	Total	< 18 yrs	18-64 yrs	≥ 65 yrs
2008	10.4%	8.1%	13.1%	0.5%	11.8%	5.8%	16.0%	1.5%
2009	9.3%	3.1%	13.1%	1.6%	11.4%	4.6%	15.9%	1.0%
2010	9.1%	3.6%	12.9%	0.4%	11.9%	4.8%	16.6%	1.1%

Understanding the Data

- Data on health insurance coverage are a recent addition to Census data.
- Data are derived from survey samples and not total population counts and are thus subject to sampling variability.
- Although the American Community Survey produces population and demographic estimates, it is the Census Bureau's Population Estimates Program or the decennial Census that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns.

Live Births to Mothers Covered by Medicaid or Who Are Self Pay

Data Source: New York State Department of Health Bureau of Biometrics

Web Resource: http://www.health.state.ny.us/statistics/

Live Births to Mothers Covered by Medicaid			
Period	Dutchess County		NYS (excl NYC)
	Number	Percent	Percent
2003-2005	*1,952*	21.7%	28.2%
2004-2006	*1,906*	21.5%	29.9%
2005-2007	*1,823*	20.6%	31.2%
2006-2008	*1,746*	20.1%	31.8%
2007-2009	*1,782*	20.8%	32.2%

Live Births to Mothers Who are Self Pay			
Period	Dutchess County		NYS (excl NYC)
	Number	Percent	Percent
2003-2005	*186*	2.1%	2.1%
2004-2006	*262*	3.0%	2.2%
2005-2007	*415*	4.7%	2.2%
2006-2008	*468*	5.4%	2.3%
2007-2009	*450*	5.2%	2.2%

Understanding the Data

- While the specific reasons for self pay are not available, generally, women who pay out of pocket for obstetrical care are uninsured. The two most common reasons for not being covered by health insurance are ineligibility and cost of coverage.
- Due to the complexities of compiling these data, minor changes in the numbers continue to be posted by the Bureau of Biometrics, impacting previously published data. Thus, there may be slight changes in totals in these tables compared to the 2010 version of this report.

Enrollment in Dutchess County Contracted Managed Care Plans

Data Source: New York State Department of Health: Managed Care Annual Enrollment Reports 2006-2010

Web Resource: http://www.health.state.ny.us/statistics/

Enrollment in Dutchess County Contracted Managed Care Plans

	2006	2007	2008	2009	2010
Child Health Plus	5,959	5,869	5,654	6,221	6,540
Family Health Plus	1,987	1,952	1,867	1,996	2,566
Medicaid Managed Care	7,232	9,020	10,674	14,362	16,153

Understanding the Data

- The 2009 data have been updated from the May 2010 version of this report as the 2009 Managed Care Annual Enrollment Report was not available at the time of publication of that May 2010 report. At that time, monthly reports were used, which reflect a point in time, contrary to the annual reports which reflect totals for the entire year.

Physical and Emotional Health

MORBIDITY

Arthropod Borne Diseases

Data Source: New York State Department of Health Communicable Disease Information System

Web Resource: http://www.health.state.ny.us/statistics/

Lyme Disease Incidence (confirmed & probable cases)
(rate per 100,000 population)

Period	Dutchess		Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
	#	Rate	Rate	Rate	Rate	Rate	Rate	Rate
2008	*1,141*	388.7	262.8	203.0	119.1	154.7	427.8	107.8
2009	*979*	334.3	286.6	383.9	109.9	149.6	320.4	69.1
2010	*519*	176.8	168.2	172.3	81.0	193.9	199.0	42.3

Healthy People 2010 Goal for Decreasing the Incidence of Lyme Disease: 9.7/100,000

Babesiosis Incidence (confirmed cases)
(rate per 100,000 population)

Period	Dutchess		Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
	#	Rate	Rate	Rate	Rate	Rate	Rate	Rate
2008	*62*	21.1	1.8 *	6.0 *	1.0 *	0.0	2.2 *	3.8
2009	*56*	19.1	1.8*	3.0*	1.3*	0.0	0.0	7.0
2010	*38*	12.9	1.6*	8.1*	0.3*	1.8*	0.7*	4.5

Ehrlichiosis/Anaplasmosis Incidence (confirmed & probable cases)
(rate per 100,000 population)

Period	Dutchess		Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
	#	Rate	Rate	Rate	Rate	Rate	Rate	Rate
2008	*128*	43.7	3.9	20.1	0.7	0.0	6.6	0.0
2009	*117*	39.9	5.7	34.3	0.3*	0.0	2.9*	2.8
2010	*77*	26.2	6.3	17.1	3.3*	0.0	2.2*	0.0

Understanding the Data

- **Changes in Indicator:** Previous data could not be updated & new diseases added. While Lyme disease is the most widespread of arthropod borne diseases in Dutchess County, there are other arthropod borne diseases on the rise than can be transmitted by infected ticks.
- In 2008, the CDC changed the case definition for Lyme disease, adding probable cases to confirmed cases. Pre-2008 data should not be compared to 2008 and later years.
- The total number of Lyme cases in 2009 and later years is an estimate calculated by the New York State Dept of Health. Orange and Westchester began sentinel surveillance a year earlier (2008).

Physical and Emotional Health

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Lead Testing of Children under the Age of Two

Data Source: New York State Department of Health Childhood Lead Poisoning Prevention Program

Web Resource: http://www.health.state.ny.us/statistics/

Children Under the Age of Two Screened for Elevated Blood Lead by Age Group						
	Birth Cohort Year	Screening Test Years	Birth Cohorts (#)	% Children Screened for Elevated Blood Lead Levels		
				0 - < 9 months	9 - < 18 months	18 - < 36 months
Dutchess County	2003	2003-2006	*3,277*	2.3%	65.6%	61.8%
	2004	2004-2007	*3,167*	2.6%	65.6%	62.9%
	2005	2005-2008	*3,183*	3.3%	68.5%	66.0%
	2006	2006-2009	*3,058*	3.3%	68.0%	65.9%
	2007	2007-2010	*3,080*	3.8%	68.4%	69.3%
New York State (excl NYC)	2003	2003-2006		2.8%	59.3%	47.2%
	2004	2004-2007		2.7%	60.6%	51.6%
	2005	2005-2008		3.3%	63.7%	54.9%
	2006	2006-2009		3.1%	64.7%	58.5%
	2007	2007-2010		2.9%	65.3%	60.1%

Understanding the Data

- A blood lead level is considered elevated if it equals or exceeds 10 mcg/dL.
- By New York State law, healthcare providers are mandated to screen, using blood lead tests, all children at or around age one year and again at or around age two. Providers are also required to assess all children ages six months to 72 months (six years) at least once annually for risk of lead exposure, with blood lead testing for all children found to be at risk based on those assessments.
- In the above table, a child may be counted in more than one age group if he/she was tested in more than one age group.

Physical and Emotional Health

Lead Exposure in Children under the Age of Six

Data Source: New York State Department of Health Childhood Lead Poisoning Prevention Program

Web Resource: http://www.health.state.ny.us/statistics/

Incidence of Elevated Blood Lead Levels (≥ 10 mcg/dL) in Children Under Age Six (Rate per 100 children tested)				
Period	**Dutchess County**			**NYS (excl NYC)**
	# New Cases	**# Children Tested**	**Rate**	**Rate**
2004-2006	*155*	*15,097*	1.0	1.2
2005-2007	*131*	*15,361*	0.9	1.0
2006-2008	*106*	*15,691*	0.7	0.9
2007-2009	*92*	*15,836*	0.6	0.8
2008-2010	*105*	*16,042*	0.7	0.8

Healthy People 2010 Goal for Lowering Incidence of Elevated Blood Lead Levels in Children: 0%

Understanding the Data

- **Changes in Indicator:** While prevalence data were included in the 2010 version of this report, these data are no longer available.
- Incidence reflects new cases occurring in a given time period (i.e. number of children newly diagnosed with an elevated blood lead level in a given year).
- A test result is confirmed elevated when it has been followed up by one or more elevated result according to protocol.
    - The number of new cases may be under-represented, especially in more recent years as retesting can be delayed for a variety of reasons including patient non-compliance or relocation and delayed physician follow-up. A small percentage of children are also lost to follow-up.

Emergency Room Visits for Asthma by Age Group

Data Source: New York State Department of Health Asthma Emergency Room Visits

Web Resource: http://www.health.state.ny.us/statistics/

Asthma Emergency Department Visits (rate per 10,000 population age specific)						
	2005-2007			2006-2008		
	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)
Population	***Number***	**Rate**	**Rate**	***Number***	**Rate**	**Rate**
0-17 years	*1,299*	64.6	75.7	*1,355*	68.7	76.1
18-64 years	*3,079*	53.8	48.3	*3,383*	59.0	49.5
65+ years	*204*	18.7	20.9	*265*	24.0	24.2
Total	*4,582*	51.9	50.9	*5,003*	56.8	52.1
Children						
0-4 years	*486*	101.5	120.9	*482*	102.3	121.4
5-14 years	*646*	57.0	64.5	*689*	62.3	65.2

Understanding the Data

- Emergency Department (ED) visits for asthma are related not only to exposure to factors that trigger asthma episodes but also to access to primary care and quality of primary care. Thus, monitoring ED visits for asthma provides useful information in assessing the burden of the disease as well as in monitoring the effectiveness of the health care system.
- ED data are not available prior to 2005.
- Asthma ED data are generated from hospital inpatient and outpatient records, including patients who were admitted to the hospital directly from the ED and individuals who visited the ED but were not hospitalized.

Hospitalizations for Asthma by Age Group

Data Source: New York State Department of Health Asthma Hospital Discharge Data

Web Resource: http://www.health.state.ny.us/statistics/

Asthma Hospitalizations (rate per 10,000 population age specific)*									
	2003-2005		2004-2006		2005-2007		2006-2008		
	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County		NYS (excl NYC)
Population	**Rate**	**Rate**	**Rate**	**Rate**	**Rate**	**Rate**	**Rate**	***Number***	**Rate**
0-17 years	20.0	17.4	20.6	16.6	19.9	15.8	20.7	*410*	15.6
18-64 years	7.9	9.5	7.7	9.3	8.1	9.2	8.4	*479*	9.2
65+ years	14.2	19.1	14.1	19.5	13.9	19.3	15.2	*167*	19.3
Total	12.0	12.7	12.0	12.4	12.1	12.2	12.0	*1,056*	12.1
Children									
0-4 years	53.7	39.3	53.9	37.8	47.3	35.8	47.4	*225*	35.7
5-14 years	11.0	11.4	12.6	11.1	13.8	10.8	15.2	*168*	10.4

* Rates are age specific for age groups and crude for total.

Healthy People 2010 Goals for Reducing Asthma Hospitalizations	
Age Group	**Goal**
0-4 years	25/10,000
65+ years	11/10,000

Understanding the Data

- The number of children and seniors hospitalized for asthma tends to be very small. Three-year data aggregates are particularly important for this indicator to improve the reliability of the rates in these two high risk groups.
- Traditionally, high asthma hospitalization rates have been an indication of problems with access to or utilization of primary healthcare services that provides management of asthma.

Physical and Emotional Health

Obesity and Diabetes - Adults

Data Source: Centers for Disease Control and Prevention: BRFSS 2004-2007 (Diabetes and Obesity Data & Trends), Dutchess County EBRFSS 2008-2009
Web Resource: http://www.cdc.gov

Prevalence of Obesity in Adults			
	Dutchess County		New York State
Year	*Estimated Number*	Percent	Percent
2004	*44,740*	20.5%	20-24%
2005	*46,570*	21.2%	20-24%
2006	*49,440*	22.4%	20-24%
2007	*52,750*	24.1%	25-29%
2008	*61,300*	27.6%	23.1%

Prevalence of Diabetes in Adults			
	Dutchess County		New York State
Year	*Estimated Number*	Percent	Percent
2004	*14,240*	6.4%	7.7%
2005	*14,970*	6.6%	7.7%
2006	*14,000*	6.9%	7.5%
2007	*17,430*	7.6%	7.5%
2008	*22,600*	9.7%	9.0%

Understanding the Data

- Behavioral Risk Factor Surveillance Survey (BRFSS) and Expanded Behavioral Risk Factor Surveillance Survey (EBRFSS) data reflect self-reported information. Data from both surveys are presented together although there are slight differences in the age criteria.
  - For BRFSS obesity and diabetes data, adult is defined as $\geq$ 20 years old.
  - For EBRFSS, adult is defined as $\geq$ 18 years old.
- Percentages are age-adjusted and the numbers are estimates only.
- Obese adult: body mass index (BMI) $\geq$ 30. BMI is a number calculated from a person's weight and height. BMI is a fairly reliable indicator of body fatness for most people. For adults, BMI is interpreted independent of sex or age. For additional information: http://www.cdc.gov .
- Being overweight or obese is the single most important behavioral risk linked to diabetes.
  - While there are no county level data available on diabetic individuals who are also obese/overweight, in 2007, in New York State, 52% of diabetics were obese and 32% were overweight (combined total of 87% of all diabetics in the state).
- **NOTE:** At the time of publication of this report, data were not available to update this indicator from the May 2010 version of the report.

Overweight – Children

Data Source: New York State Department of Health County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Overweight Children in WIC Program, 2-4 Years Old, Low Socioeconomic Status			
	Dutchess County		New York State (excl NYC)
Period	*Number*	Percent	Percent
2003-2005	*564*	15.8%	15.6%
2004-2006	*561*	14.3%	15.1%
2005-2007	*557*	13.9%	15.0%
2006-2008	*547*	13.4%	14.6%

Understanding the Data

- WIC Program: Federal Special Supplemental Nutrition Program for Women, Infants, and Children that serves children up to age five.
- Overweight child: ≥ 95th percentile based on body mass index-for-age (BMI). Although BMI is calculated the same way for children and adults, the criteria used to interpret the BMI number for children and teens are different from those used for adults. For children and teens, BMI age- and sex-specific percentiles are used because the amount of body fat changes with age and the amount of body fat differs between girls and boys.

Reportable Sexually Transmitted Diseases by Age and Gender

Data Source: New York State Department of Health Bureau of Sexually Transmitted Disease Control Communicable Disease Information System

Web Resource: http://www.health.state.ny.us/statistics/

Chlamydia Infection Rates (rate per 100,000 age and sex specific)						
Age & Gender	**Geography**	***Number*/Rate**	**2004-2006**	**2005-2007**	**2006-2008**	**2007-2009**
Male all ages	Dutchess County	*Number*	*412*	*422*	*482*	*576*
		Infection Rate	93.0	95.2	116.7	139.4
	NYS (excl NYC)	Infection Rate	122.8	133.4	149.0	164.5
Female all ages	Dutchess County	*Number*	972	*1,122*	*1,213*	*1,364*
		Infection Rate	220.2	253.9	302.0	339.5
	NYS (excl NYC)	Infection Rate	338.2	359.8	385.5	407.8
Male 15-19 years	Dutchess County	*Number*	*83*	*92*	*100*	*116*
		Infection Rate	235.8	251.6	362.7	420.7
	NYS (excl NYC)	Infection Rate	390.8	413.4	551.3	617.7
Female 15-19 years	Dutchess County	*Number*	367	*422*	*417*	*481*
		Infection Rate	1,087.5	1,203.3	1,573.2	1,827.8
	NYS (excl NYC)	Infection Rate	1,970.0	1,970.5	2,405.9	2,556.6

(Cont'd on next page)

Reportable Sexually Transmitted Diseases (Cont'd)

Gonorrhea Infection Rates (rate per 100,000 age specific)						
Age	**Geography**	***Number*/Rate**	**2004-2006**	**2005-2007**	**2006-2008**	**2007-2009**
All Ages	Dutchess County	*Number*	*398*	*339*	*315*	*315*
		Infection Rate	45.0	38.3	38.7	38.7
	NYS (excl NYC)	Infection Rate	66.6	65.7	63.8	60.7
15-19 years	Dutchess County	*Number*	*96*	*63*	*44*	*54*
		Infection Rate	139.2	87.9	81.6	75.8
	NYS (excl NYC)	Infection Rate	253.0	241.8	272.2	224.9

Early Syphilis Infection Rates (rate per 100,000 population)						
Age	**Geography**	***Number*/Rate**	**2004-2006**	**2005-2007**	**2006-2008**	**2007-2009**
All ages	Dutchess County	*Number*	*21*	*20*	*23*	*19*
		Infection Rate	2.4	2.3	2.8	2.3
	NYS (excl NYC)	Infection Rate	1.9	2.2	2.5	2.6

Understanding the Data

- Data are presented on the three reportable STDs for which there are federally-funded programs: chlamydia, gonorrhea, and syphilis. However, it should be noted that reporting to the CDC may not be complete. In addition, accurate assessment of incidence can be affected by changes in screening practices and testing technology.
- Early syphilis includes any of the first three stages of syphilis (primary, secondary, or latent of < 1 year duration).
- Infection rates = incidence rates (number of new cases diagnosed in a given time period).

Physical and Emotional Health

HIV and AIDS – Prevalence, Incidence, and Mortality

Data Source: New York State Department of Health County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

HIV and AIDS Prevalence in Dutchess County (rate per 100,000 population)								
Year	Living with HIV				Living with AIDS			
	Excluding Prisoners		Including Prisoners		Excluding Prisoners		Including Prisoners	
	#	Rate	#	Rate	#	Rate	#	Rate
2008	*238*	81.4	*484*	165.5	*392*	134.0	*788*	269.4
2009	*237*	80.4	*495*	168.6	*388*	132.2	*763*	259.9

HIV and AIDS Incidence and Mortality Rates (excluding prisoners) (rate per 100,000 population)									
Period	HIV Incidence Rate			AIDS Incidence Rate			AIDS Mortality Rate		
	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)	Dutchess County		NYS (excl NYC)
	#	Rate	Rate	#	Rate	Rate	#	Rate	Rate
2003-2005	*74*	8.4	8.5	*90*	10.2	8.8	*27*	2.9	2.5
2004-2006	*86*	9.7	8.2	*96*	10.9	8.2	*26*	2.7	2.5
2005-2007	*79*	8.9	8.2	*76*	8.6	7.7	*24*	2.5	2.3
2006-2008	*58*	6.6	8.2	*62*	7.1	7.1	*25*	2.8	2.3

Understanding the Data

- Prevalence rate is based on number of individuals living with a condition in a given time period. Includes both pre-existing and new cases.
- Prevalence data: 2008 as of March 2010 and 2009 as of May 2011.
- Incidence rate is based on number of new cases diagnosed in a given time period.
- Mortality rates are age-adjusted.

Injuries among the Elderly

Data Source: New York State Department of Health: County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Falls Hospitalization Rates - Ages 65 and Older (rate per 10,000 population)								
Period	**2003-2005**		**2004-2006**		**2005-2007**		**2006-2008**	
	#	**Rate**	**#**	**Rate**	**#**	**Rate**	**#**	**Rate**
All Ages	*2,926*	33.6	*2,956*	33.1	*3,102*	34.7	*3,293*	36.5
65-74 years	*410*	74.2	*403*	72.7	*415*	72.6	418	72.3
75-84 years	*806*	216.5	*801*	208.9	*794*	213.2	853	226.5
85+ years	*685*	500.6	*701*	489.9	*785*	543.8	869	596.4
65+ years as % of total	**65.0%**		**64.4%**		**64.3%**		**65.0%**	

Understanding the Data

- Falls are the leading cause of injury-related hospitalizations in Dutchess County. The elderly account for approximately two thirds of fall-related hospitalizations.

Hospitalization for Self-Inflicted Injury – All Ages and Adolescents 15-19 Years Old

Data Source: New York State Department of Health: County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Self-Inflicted Hospitalization Rate - All Ages (rate per 10,000 population)			
Period	Dutchess County		New York State (excl NYC)
	#	Rate	Rate
2003-2005	*545*	6.0	5.7
2004-2006	*562*	6.2	5.6
2005-2007	*570*	6.2	5.6
2006-2008	*544*	6.1	5.8

Self-Inflicted Hospitalization Rate – Adolescents 15-19 Years Old (rate per 10,000 population ages 15-19)				(percent)
Period	Dutchess County		New York State (excl NYC)	15-19 Year Olds as % of All Dutchess Hospitalizations for Self-Inflicted Injury
	#	Rate	Rate	
2003-2005	*128*	18.7	10.9	23.5%
2004-2006	*135*	19.6	10.5	24.0%
2005-2007	*125*	17.4	9.8	21.9%
2006-2008	*108*	14.9	10.1	19.8%

Understanding the Data

- Self-inflicted injury hospitalizations are an important indicator of suicide "attempts" and mental health status.

Physical and Emotional Health

Psychiatric Inpatient and Emergency Admissions

Data Source: Dutchess County Department of Mental Hygiene

Web Resource: http://www.co.dutchess.ny.us

St Francis Inpatient and Emergency Psychiatric Admissions						
Year	Inpatient Admissions			Emergency Psychiatric Care Center		
	Total	Youth	Adult	Total	Youth	Adult
2006	2,041	320	1,721	3,665	n/a	n/a
2007	1,919	299	1,620	3,860	n/a	n/a
2008	2,281	550	1,731	3,937	n/a	n/a
2009	1,220	n/a	1,220	3,389	605	2,784
2010	1,227	n/a	1,227	3,983	537	2,756

Understanding the Data

- Inpatient Admissions: The adolescent program closed in April 2009 and the Jan-March adolescent admissions are not included in the table.
- Emergency Admissions: A breakdown of admissions by age group was not available for years prior to 2009.

Physical and Emotional Health

Children with High Mental Health Needs Served through Single Point of Access

Data Source: Dutchess County Department of Mental Hygiene

Web Resource: http://www.co.dutchess.ny.us

Number of Children with High Mental Health Needs Referred TO Single Point of Access								
	2007		2008		2009		2010	
	Referred	Eligible	Referred	Eligible	Referred	Eligible	Referred	Eligible
# of Children Referred	167	129	191	156	156	122	179	139
% Eligible		77.2%		81.7%		78.2%		77.6%

Number of Children with High Mental Health Needs Referred FROM Single Point of Access to Services								
Services	2007		2008		2009		2010	
	Eligible	Admitted	Eligible	Admitted	Eligible	Admitted	Eligible	Admitted
Residential Treatment Facility	15	4	15	8	8	1	9	4
Family Based Treatment *	8	4	10	1	6	1	5 *	2 *
Intensive Case Management	22	39	37	41	49	41	45	34
Supportive Case Management	24	37	34	39	13	12	18	17
Home and Community Based Services Waiver	18	19	16	3	20	22	28	19

* Family Based Treatment program closed 9/30/2010

Understanding the Data

- **Changes in Indicator: "***Coordinated Children's Services Initiative & Family Support"* (included in the 2010 version of this report) is now the "*Enhanced Coordinated Children's Services Initiative"*. It has been removed from the second table because the data are no longer collected in the same manner.
- Rates are age-adjusted.

Physical and Emotional Health

MORTALITY

Leading Causes of Death

Data Source: New York State Department of Health: Cancer Registry, County Health Assessment Indicators

Web Resource: http://www.health.state.ny.us/statistics/

Leading Causes of Death (exclusive of Cancer) (rate per 100,000 population)								
Period	Diseases of the Heart		Chronic Lower Respiratory Disease		Cerebrovascular Disease (Stroke)		Unintentional Injuries	
	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)
2003-2005	217.1	226.8	41.0	45.6	40.8	39.5	23.6	24.0
2004-2006	214.0	223.3	40.9	39.3	36.8	37.0	27.8	25.8
2005-2007	212.5	218.9	39.3	39.5	34.0	35.1	28.7	27.2
2006-2008	204.0	225.1	40.9	39.2	30.9	33.3	27.5	27.8

Cancer Mortality (rate per 100,000 population)								
Period	Lung & Bronchus		Colorectal		Breast (female)		Prostate (male)	
	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)	Dutchess County	NYS (excl NYC)
2001-2005	52.4	53.1	18.5	19.4	25.0	25.5	29.0	25.4
2002-2006	51.9	52.5	18.3	18.4	24.9	24.5	27.0	24.0
2003-2007	52.1	51.5	17.4	17.4	23.5	23.7	23.6	23.0
2004-2008	na	na	na	na	22.9	22.3	23.8	22.8

Understanding the Data

- **Changes in Indicator:** Cancer data were not available for the same period aggregates as the other causes of mortality.
- Rates are age-adjusted for all disease categories.

Years of Potential Life Lost

Data Source: New York State Department of Health Bureau of Vital Statistics; Center for Diseases Control and Prevention WISQARS Years of Potential Life Lost Reports

Web Resource: http://www.cdc.gov

Years of Potential Life Lost (YPLL) for Population Under 75 Years of Age (rate per 100,000 population < 75 Years)					
Dutchess County	**2005**	**2006**	**2007**	**2008**	**2009**
Age	**# Deaths**	**# Deaths**	**# Deaths**	**# Deaths**	**# Deaths**
Under 1	12	16	10	13	14
1-14	7	3	7	3	7
15-24	23	19	27	25	19
25-34	27	18	20	15	29
35-44	81	64	52	49	51
45-54	149	139	144	131	147
55-64	221	241	230	241	271
65-74	352	368	323	298	384
Total Deaths <75	872	868	813	775	924
Total YPLL <75	15,908	14,844	14,486	13,696	15,761
YPLL Rate per 100,000 <75	**2005**	**2006**	**2007**	**2008**	**2009**
Dutchess County Rate	5,786.6	5,404.2	5,273.3	4,976.7	5,767.5
New York State Rate	5,940.9	5,792.3	5,649.6	na	na

Understanding the Data

- YPLL is a measure of the number of years not lived by each individual who died before reaching a predetermined age, usually 65 or 75. YPLL weights deaths at younger ages more heavily than deaths at older ages; the younger the age at death, the greater the number of years of potential life lost. The YPLL for a population is computed as the sum of all the individual YPLL for individuals who died during a specific time period.
- Quantifying health status in human populations has traditionally been by mortality rates, including age-specific and age-adjusted rates. However, the mortality rate does not fully address the issue of premature mortality, the impact of disease or death, and its cost to society.

Physical and Emotional Health

Suicide Mortality

Data Source: New York State Department of Health: Vital Statistics, County Health Assessment Indicators
Web Resource: http://www.health.state.ny.us/statistics/

Suicide Rate - All Ages (rate per 100,000 population)			
3 Year Average	Dutchess County		New York State (excl NYC)
	#	Rate	Rate
2001-2003	*43*	4.8	6.0
2002-2004	*42*	4.8	6.9
2003-2005	*46*	5.0	6.4
2004-2006	*56*	6.1	7.1
2005-2007	*66*	7.1	7.7
2006-2008	*74*	8.0	8.0

Understanding the Data

- Suicide rates for adolescents are extremely low and unreliable because of very small numbers. Therefore, no age breakdown is provided.

Education

Educational Attainment - Adults

Data Source: U.S. Census Bureau: Census 2000, Census 2010, Population Estimates 2007-2009, American Community Survey 2007-2010

Web Resource: http://census.gov

Educational Attainment in Dutchess County (Adults ≥ 25 Years Old)					
	2000	**2007**	**2008**	**2009**	**2010**
Population Base ≥ 25 Years	*183,725*	*193,076*	*194,686*	*195,870*	*198,650*
Less Than 9th Grade	4.9%	3.8%	4.3%	3.6%	4.0%
9th – 12th Grade; No Diploma	11.1%	7.1%	7.1%	7.2%	6.5%
High School Graduate (Incl equivalency)	28.0%	31.5%	28.7%	29.9%	27.2%
Some College; No Degree	19.2%	16.5%	18.0%	16.9%	19.6%
Associates Degree	9.1%	10.8%	9.4%	10.5%	9.6%
Bachelor's Degree	15.7%	17.2%	19.1%	17.9%	17.5%
Graduate or Professional Degree	11.9%	13.1%	13.3%	14.1%	15.5%

Educational Attainment by Broad Categories						
Year	**Up to 12th Grade, No Degree**		**High School Graduate to Associates Degree**		**Bachelor's Degree or Higher**	
	Dutchess	**NYS**	**Dutchess**	**NYS**	**Dutchess**	**NYS**
2000	16.0%	20.3%	56.3%	52.3%	27.6%	27.4%
2010	10.5%	15.1%	56.5%	52.3%	32.9%	32.5%

Understanding the Data

- Although the American Community Survey produces population and demographic estimates, it is the Census Bureau's Population Estimates Program or the decennial Census that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns.

Education

Student Suspension Rates by School District

Data Source: New York State Education Department: School Report Card Accountability and Overview Report

Web Resource: https://www.nystart.gov/publicweb/

Student Suspension Rates by School District in Dutchess County				
School District	**2005-2006**	**2006-2007**	**2007-2008**	**2008-2009**
Arlington	4%	4%	3%	2%
Beacon	8%	7%	9%	14%
Dover	4%	5%	6%	6%
Hyde Park	8%	7%	7%	7%
Millbrook	4%	3%	2%	5%
North East (Webutuk)	8%	8%	4%	5%
Pawling	2%	2%	1%	2%
Pine Plains	3%	4%	2%	2%
Poughkeepsie	14%	19%	16%	18%
Red Hook	1%	2%	2%	2%
Rhinebeck	4%	6%	4%	4%
Spackenkill	3%	5%	7%	3%
Wappingers	5%	4%	4%	4%
New York State	**5%**	**6%**	**5%**	**5%**

Understanding the Data

- Data are for public schools only.
- The suspension rate is determined by dividing the number of students who were suspended from school (not including in-school suspensions) for one full day or longer anytime during the school year. A student is counted only once, regardless of whether the student was suspended one or more times during the school year.

Education

Annual Student Attendance Rates by School District

Data Source: New York State Education Department: School Report Card Accountability and Overview Report

Web Resource: https://www.nystart.gov/publicweb/

Student Attendance Rates by School District in Dutchess County				
School District	**2005-2006**	**2006-2007**	**2007-2008**	**2008-2009**
Arlington	95%	95%	95%	95%
Beacon	94%	95%	93%	93%
Dover	94%	94%	94%	93%
Hyde Park	94%	96%	94%	94%
Millbrook	96%	95%	95%	96%
North East (Webutuk)	95%	97%	97%	96%
Pawling	92%	95%	93%	93%
Pine Plains	94%	94%	94%	94%
Poughkeepsie	91%	91%	92%	91%
Red Hook	95%	96%	96%	96%
Rhinebeck	96%	96%	96%	95%
Spackenkill	95%	95%	95%	94%
Wappingers	95%	95%	95%	95%
New York State	**93%**	**93%**	**93%**	**93%**

Understanding the Data

- Data are for public schools only.
- Annual attendance rate is determined by dividing the school district's total actual attendance by the total possible attendance for a school year. A district's actual attendance is the sum of the number of students in attendance on each day the district's schools were open during the school year. Possible attendance is the sum of the number of students who should have been in attendance on each day schools were open during the school year.

Education

Student Performance in English Language Arts, Mathematics, Science, and Social Studies

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from the New York State Office of Children and Family Services

Web Resource: http://www.nyskwic.org

This is a web-based interactive indicator

Accessing the Data

Click on the Web Resource link (above).

Understanding the Data

- Three areas are used to determine accountability for schools and districts. The assessments are based on State learning standards for these content areas and elementary and middle grade levels.
    - Assessments are offered in English language arts, in mathematics, and in science.
- Assessments are also offered in social studies at the elementary and middle levels.

Available Data

Categories of student performance data available for analysis on KWIC website:

- Student performance in English language arts – Public schools
    - Separate indicators for grades 3 through 8
- Student performance in mathematics – Public schools
    - Separate indicators for grades 3 through 8
- Student performance in science – Public schools
    - Separate indicators for grades 4 and 8
- Student performance in social studies – Public schools
    - Separate indicators for grades 5 and 8

Education

Student Graduation Rates from High School by School District

Data Source: New York State Education Department: School Report Card Accountability and Overview Report

Web Resource: https://www.nystart.gov/publicweb/

Student Graduation Rates* by School District in Dutchess County				
School District	**2006-2007**	**2007-2008**	**2008-2009**	**2009-2010**
Arlington	81%	79%	82%	82%
Beacon	83%	69%	77%	93%
Dover	83%	83%	78%	75%
Hyde Park	82%	71%	68%	73%
Millbrook	93%	85%	86%	90%
North East (Webutuk)	85%	80%	85%	80%
Pawling	90%	83%	91%	91%
Pine Plains	82%	71%	63%	68%
Poughkeepsie	66%	49%	46%	55%
Red Hook	81%	82%	83%	82%
Rhinebeck	92%	92%	89%	90%
Spackenkill	91%	84%	90%	91%
Wappingers	85%	76%	77%	80%
New York State	**76%**	**71%**	**74%**	**76%**
Graduation Rate Standard	**55%**	**55%**	**55%**	**80%**

(*) Percent of cohort students who earned a local or Regents diploma by August of the school year.

Understanding the Data

- Data are for public schools only.
- The Graduation Rate Standard is the criterion value that represents a minimally satisfactory percentage of cohort members earning a local diploma and may be raised by the Commissioner at his/her discretion.
- The graduation rate cohort for each year includes students in the accountability cohort in the previous year plus all students excluded from that accountability cohort solely because they transferred to a GED program.
- The district accountability cohort consists of all students in each school accountability cohort plus students who transferred within the district after BEDS day plus students who were placed outside the district by the Committee on Special Education or district administrators and who met the other requirements for cohort membership.

Education

High School Graduates Receiving Regents Diploma

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from New York State Education Department

Web Resource: http://www.nyskwic.org

Percent of High School Graduates Receiving a Regents Diploma				
	2006-2007	**2007-2008**	**2008-2009**	**2009-2010**
Dutchess County	88.8%	88.3%	87.5%	90.1%
New York State (excl NYC)	86.7%	86.4%	87.1%	87.9%
New York State	80.0%	79.9%	81.1%	83.1%

Understanding the Data

- Data are for public schools only.
- The Regents Diploma (Regents endorsed local diploma) has historically been awarded to graduates who demonstrated a high level of achievement by completing coursework beyond the minimum required for a local high school diploma and passing a series of Regents examinations.
- The percent of Regents diplomas is determined by dividing the number of Regents diplomas awarded by the total number of diplomas awarded and multiplying the result by 100.
- The local diploma is scheduled to cease to exist as a graduation credential for students who first entered ninth grade in 2008 (although it is still an option for youth with disabilities). Therefore, during the phase-in of the graduation requirements for the Regents-only diploma, there should be an expectation of a rise in the percentage of students who receive a Regents diploma.

  Once the phase-in of the Regents only diploma is complete, the measure of superior academic accomplishment will be the percentage of students who received a Regents Diploma with Advanced Designation that will require the passing of eight Regents examinations.

Education

High School Dropout Rates by School District

Data Source: New York State Education Department: School Report Card Comprehensive Information Report (school district data); New York State Kid's Well-Being Clearinghouse (KWIC) from New York State Education Department (county and state level data)

Web Resource: https://www.nystart.gov/publicweb/; http://www.nyskwic.org

High School Dropout Rates by School District in Dutchess County				
School District	**2006-2007**	**2007-2008**	**2008-2009**	**2009-2010**
Arlington	2%	2%	2%	2%
Beacon	5%	3%	4%	4%
Dover	2%	2%	3%	3%
Hyde Park	4%	3%	2%	4%
Millbrook	2%	1%	1%	1%
North East (Webutuk)	2%	3%	2%	4%
Pawling	0%	1%	0%	1%
Pine Plains	3%	3%	3%	1%
Poughkeepsie	8%	7%	8%	10%
Red Hook	3%	2%	0%	1%
Rhinebeck	1%	2%	1%	1%
Spackenkill	2%	2%	1%	1%
Wappingers	2%	3%	3%	3%
Dutchess County Total	3.0%	2.9%	2.7%	2.9%
New York State (excl NYC)	2.3%	2.3%	1.9%	1.8%
New York State	3.1%	2.9%	2.7%	2.7%

Understanding the Data

- Data are for public schools only.
- The dropout rate refers to the number of students in grades 9-12 who left school before graduation for any reason with the exception of death or transfer of schools. Annual high school dropout percents are calculated by dividing the number of students who drop out during a single year by the enrollment in grades 9-12 (including the portion of any ungraded secondary enrollment for that year that can be attributed to grades 9-12) and multiplying by 100.
- Decimal percentages were only available for county and state data.

Education

Resident Classification Rate for Students Needing Special Services

Data Source: New York State Education Department: School Report Card Fiscal Accountability Supplement and Student with Disabilities Report

Web Resource: http://www.p12.nysed.gov/

Resident Classification Rate (%) for Students Needing Special Services in Dutchess County				
School District	**2006-2007**	**2007-2008**	**2008-2009**	**2009-2010**
Arlington	12.7	12.0	12.2	12.8
Beacon	11.9	13.7	13.4	13.9
Dover	11.3	12.6	12.9	13.0
Hyde Park	12.9	14.2	15.0	15.3
Millbrook	16.0	15.6	15.3	13.9
North East (Webutuk)	19.7	10.8	11.4	11.4
Pawling	16.7	14.9	13.5	12.7
Pine Plains	12.7	14.1	12.6	13.2
Poughkeepsie	18.7	19.8	19.7	18.1
Red Hook	11.6	10.4	10.6	10.1
Rhinebeck	8.2	8.7	11.1	10.5
Spackenkill	12.1	10.9	10.4	11.2
Wappingers	11.8	12.2	12.3	12.9
NY State Average	**12.4**	**12.6**	**12.5**	**13.2**

Understanding the Data

- Data are for public schools only.
- The rate is the ratio of the count of school-age (4-21 years) residents in each district who are classified as having disabilities, divided by a computed measure of the total district-resident school-age population (including public school students, non-public school students, and students receiving home instruction).

Education

Students with Limited English Proficiency, PreK-12th Grade - Public and Private Schools

Data Source: New York State Kid's Well-Being Clearinghouse (KWIC) from New York State Education Department

Web Resource: http://www.nyskwic.org

Students with Limited English Proficiency (PreK-12th Grade) Public and Private Schools				
School Year	Dutchess County		NYS (excl NYC)	New York State
	Number	Percent	Percent	Percent
2006-2007	*1,090*	2.1%	4.0%	7.9%
2007-2008	*1,107*	2.1%	4.1%	8.0%
2008-2009	*1,238*	2.4%	4.4%	8.4%
2009-2010	*1,237*	2.4%	4.5%	8.9%

Understanding the Data

- Students with Limited English Proficiency are students in Pre-Kindergarten through grade 12 who come from a home where a language other than English is spoken and score at or below the 40th percentile on an English language assessment instrument.
- The percentage of Limited English Proficiency students is determined by dividing the number of Limited English Proficiency students in Pre-Kindergarten through grade 12 by the total enrollment of students in Pre-Kindergarten through grade 12 and multiplying by 100.

Appendices

Appendix A – The U.S. Census Bureau Data Sets

There are important differences between the decennial Census (i.e. Census 2000 and Census 2010), the American Community Survey (ACS), and Population Estimates. For purposes of this report, please note the following:

Decennial Census

The Decennial Census collects data every 10 years from every household in the U.S. and its territories. The most recent is Census 2010. It collects certain demographic and household data.

The American Community Survey (ACS)

The American Community Survey is a nationwide survey. It is a critical element in the Census Bureau's re-engineered 2010 census plan. It collects demographic, social, economic, and housing information. It is an on-going survey sent to a sample of the population and not the total population as in decennial Census. As of 2010, the ACS has replaced the decennial census long form which was also based on a sample of the population.

Decennial Census and the ACS			
Data Source	**Frequency**	**Scope**	**Methodology**
Decennial Census (i.e. Census 2000)	Point in time. Every 10 years	Every household	Actual total counts
American Community Survey	Ongoing Annual	Sample of the population	Estimates based on sample

NOTE: Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Population Estimates Program

The Population Estimates Program publishes estimated population totals for the previous year for cities and towns, metropolitan areas, counties, and states. For selected geographies, estimates are available by age, sex, and race/ethnicity.

Population Estimates and the ACS	
Data Source	**Purpose**
Population Estimates	Official estimates of (1) population for nation, states, counties, cities and towns, and estimates of (2) housing units for states and counties
American Community Survey	Used to examine housing characteristics and demographic, social, and economic characteristics of the population.

Appendix A (cont'd)

The ACS uses the county intercensal population estimates as controls for the survey totals. The ACS data do not agree with the official estimates at all geographic levels because of the varying levels of aggregation used during the final stage of weighting.

Comparisons between ACS data and data from the decennial Census should be made with caution as some comparisons may be inappropriate due to differences in questions or methods. For detailed information on this subject, please refer to www.census.gov and to the most recent *Handbook for Data Users* published by the U.S. Census Bureau.

A comprehensive list of surveys conducted by the U.S. Census Bureau is available at http://www.census.gov/main/www/surveys.html .

Appendix B – New York State Department of Health Statistics Links

http://www.health.state.ny.us/statistics/

This website portal contains useful resources for state and county level health statistics.

- AIDS/HIV
- Alzheimer's Disease
- Ambulatory Surgery (SPARCS Outpatient) Statistics
- Asthma
- Behavioral Risk Factor Surveillance System (BRFSS)
- Cancer
- Cancer Registry, New York State
- Cardiovascular Disease (Heart Disease and Stroke)
- Child Health Plus
- Childhood Lead Poisoning Surveillance
- Children with Special Health Care Needs
- Chronic Disease
- Communicable Disease Statistics
- Community Health Assessment Clearinghouse (http://www.health.state.ny.us/statistics/chac/)
- Community Health Data Sets (CHDS)
- Congenital Malformations Registry
- County Health Assessment Indicators (CHAI)
- County Health Indicator Profiles (CHIP)
- Cystic Fibrosis
- Dental Health
- Diabetes
- Disability
- Drowning Statistics for Incidents at New York State Public Bathing Facilities
- Early Intervention Program
- Electronic Clinical Laboratory Reporting
- Environmental Public Health Tracking
- Fatality Assessment and Control Evaluation (FACE)
- Foodborne Disease Outbreaks in New York State
- Heart Disease
- Hepatitis Surveillance and Reporting
- HIV/AIDS

Appendix B (cont'd)

- Hospice Statistics
- Hospital Maternity-Related Procedures and Practices Statistics
- Hospital Discharge (SPARCS Inpatient) Statistics
- Injury Statistics
- Lead Poisoning
- Lyme Disease
- Managed Care
- Maternity-Related Procedures and Practices Statistics
- Medicaid
- Minority Health
- Nutrition
- Obesity Statistics and Prevention Activities by County
- Occupational Injuries
- Oral Health
- Ovarian Cancer
- Pesticide Reporting
- Pregnancy Risk Assessment Monitoring System (PRAMS)
- Prevention Quality Indicators
- Rabies
- School-Based Health Centers
- Sexually Transmitted Diseases
- Statewide Planning & Research Cooperative System (SPARCS - Hospital Discharge Data)
- Stroke
- Statistics Teaching Tools
- Tobacco
- Tuberculosis
- Vital Statistics (http://www.health.state.ny.us/nysdoh/vital_statistics/)
- West Nile Virus

Appendices

Appendix C – Other Relevant Data Reports

The following reports are included as appendices because they provide pertinent data related to some of the indicators in the report but are not regularly updated data sources.

Analysis of Impediments to Fair Housing Choice – Dutchess County & City of Poughkeepsie, NY

DRAFT Prepared by the Dutchess County Department of Planning and Development, October 2011.

http://www.co.dutchess.ny.us/CountyGov/Departments/Planning/aifhcreport.pdf

Community Health Assessment 2010-2013

Prepared by the Dutchess County Department of Health, Division of Health Planning and Education, 2009.

http://www.co.dutchess.ny.us/CountyGov/Departments/Health/Publications/HDComHealthAssessment10.pdf

Community Health Status Report

Prepared by the Dutchess County Department of Health, April 2011

http://www.co.dutchess.ny.us/CountyGov/Departments/Health/Publications/HD2011CommunityHealthStatusReport.pdf

Dutchess County Division of Aging Services Needs Assessment

Prepared by the Dutchess County Department of Services for Aging, Veterans and Youth and Division of Aging Services, 2011

http://www.co.dutchess.ny.us/CountyGov/Departments/Aging/AGnas.pdf

Lyme Disease and Other Tick Borne Diseases – Dutchess County Community Survey 2009

Prepared by the Dutchess County Department of Health, 2009

http://www.co.dutchess.ny.us/CountyGov/Departments/Health/HDlymesurvey.pdf

The Dutchess County Ten Year Plan to End Homelessness

Prepared by the Dutchess County Ten Year Plan to End Homelessness Executive and Advisory Committees with staff support from Cares Inc., June 2010

http://caresny.org/images/dutchess-county/CARES_10YR_PLN.pdf

Appendix C (cont'd)

Three County Regional Housing Needs Assessment

A Three County Regional Housing Needs Assessment; Dutchess, Orange and Ulster Counties from 2006 to 2020.

Prepared by the Planning Departments of Dutchess, Orange, and Ulster Counties of New York, February 2009

http://www.co.dutchess.ny.us/CountyGov/Departments/Planning/tcrhassessment.pdf