

APPENDIX 1

Unintentional Motor Vehicle Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	4	N/A	2	N/A	0	N/A	0	N/A	3	N/A	3	N/A	6	N/A
Alleghany County	13	N/A	0	N/A	0	N/A	0	N/A	10	N/A	3	N/A	13	N/A
State of NC	4,697	14.5	1,476	14.3	211	12.3	491	11.9	4,882	21.1	1,993	8.0	6,875	14.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

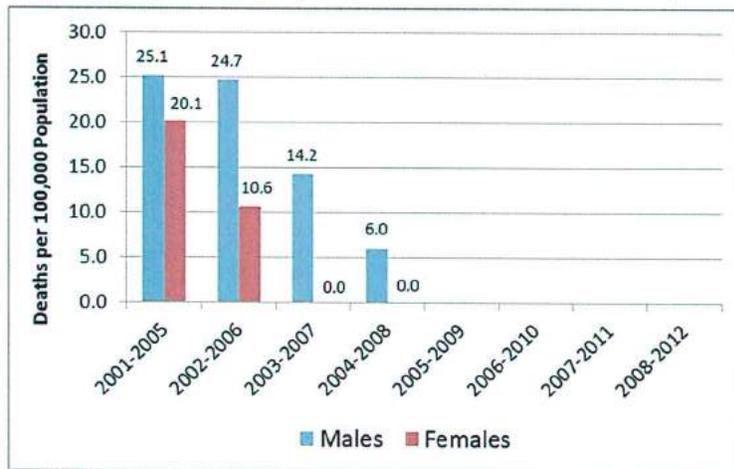
Gender Disparity Trend in Unintentional Motor Vehicle Injury Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	25.1	24.7	14.2	6.0	N/A	N/A	N/A	N/A	20.1	10.6	0.0	0.0	N/A	N/A	N/A	N/A
Alleghany County	20.1	20.3	9.3	21.4	N/A	N/A	N/A	N/A	14.0	13.9	6.7	8.4	N/A	N/A	N/A	N/A
State of NC	27.4	27.2	27.3	26.7	25.6	24.6	22.9	21.1	11.8	11.6	11.4	10.8	10.1	9.3	8.6	8.0

Source: NC State Center for Health Statistics, County Health Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Unintentional Motor Vehicle Injury Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Kidney Disease

Kidney Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

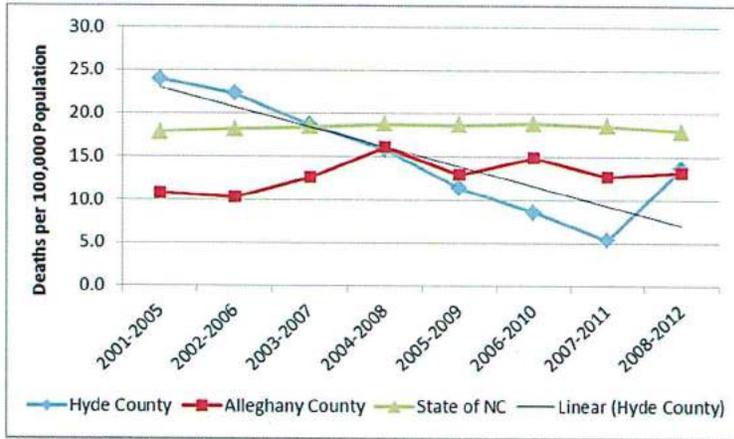
Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	24.0	22.3	18.7	15.8	11.4	8.6	5.4	13.7
Alleghany County	10.8	10.3	12.6	16.1	12.9	14.9	12.7	13.2
State of NC	17.9	18.2	18.5	18.8	18.7	18.9	18.6	18.0

Source: a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>
 b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

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Kidney Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Kidney Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	3	N/A	1	N/A	0	N/A	0	N/A	2	N/A	2	N/A	4	N/A
Alleghany County	10	N/A	0	N/A	0	N/A	1	N/A	5	N/A	6	N/A	11	N/A
State of NC	5,685	14.8	2,904	35.1	142	17.3	64	7.2	4,273	22.0	4,522	15.4	8,795	18.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

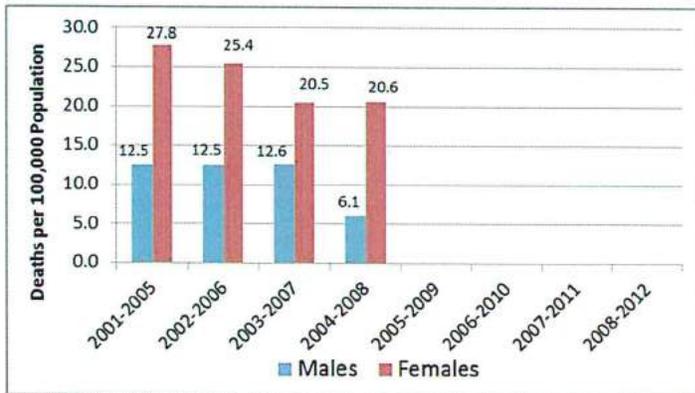
Gender Disparity Trend in Kidney Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	12.5	12.5	12.6	6.1	N/A	N/A	N/A	N/A	27.8	25.4	20.5	20.6	N/A	N/A	N/A	N/A
Alleghany County	14.2	7.4	14.3	17.8	N/A	N/A	N/A	N/A	6.8	10.8	10.8	14.5	N/A	N/A	N/A	N/A
State of NC	21.0	21.5	21.6	22.3	22.4	22.9	22.7	22.0	15.9	16.2	16.5	16.6	16.4	16.4	15.0	15.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Kidney Disease Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.

APPENDIX 1

Septicemia

Septicemia Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	5.6	2.7	2.7	7.8	5.1	5.6	5.7	5.7
Alleghany County	9.5	9.8	9.9	8.5	9.2	14.0	12.4	11.6
State of NC	14.5	14.4	14.2	14.2	13.8	13.7	13.6	13.4

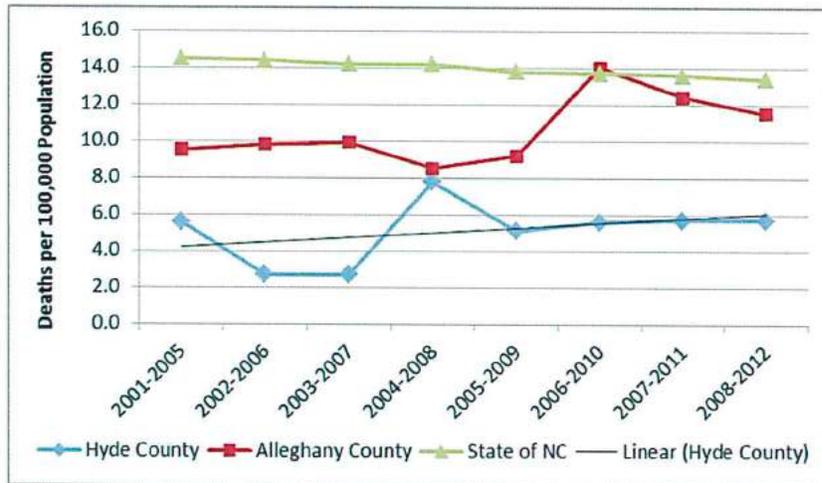
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Septicemia Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Septicemia Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	0	N/A	2	N/A	0	N/A	0	N/A	1	N/A	1	N/A	2	N/A
Alleghany County	9	N/A	0	N/A	0	N/A	0	N/A	1	N/A	8	N/A	9	N/A
State of NC	4,786	12.3	1,657	19.7	80	9.1	74	6.1	2,997	14.8	3,600	12.4	6,597	13.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Septicemia Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

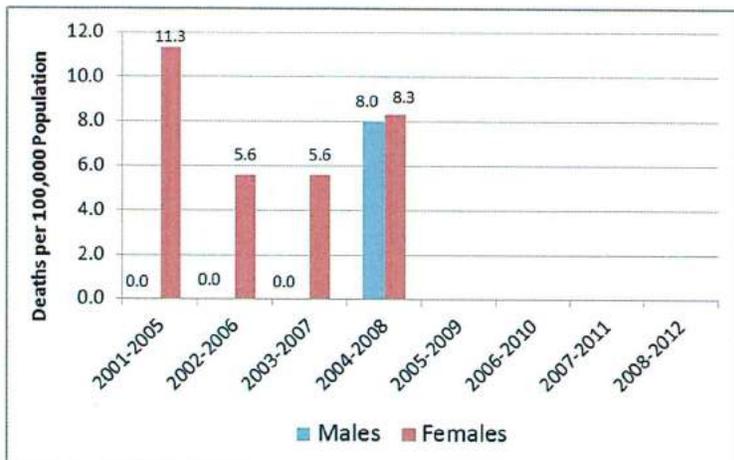
Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	0.0	0.0	0.0	8.0	N/A	N/A	N/A	N/A	11.3	5.6	5.6	8.3	N/A	N/A	N/A	N/A
Alleghany County	10.9	13.9	10.0	9.8	N/A	N/A	N/A	N/A	8.5	7.3	9.6	7.7	N/A	N/A	N/A	N/A
State of NC	15.7	15.7	15.5	15.6	15.1	15.1	15.0	15.0	13.6	13.6	13.4	13.2	12.8	12.7	12.6	12.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

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Gender Disparity Trend in Septicemia Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.

Liver Disease

Liver Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	5.0	3.0	3.0	0.0	3.0	3.2	3.2	5.8
Alleghany County	16.6	18.1	19.6	15.6	17.1	17.3	13.2	9.7
State of NC	8.8	8.8	8.9	9.1	9.1	9.1	9.3	9.3

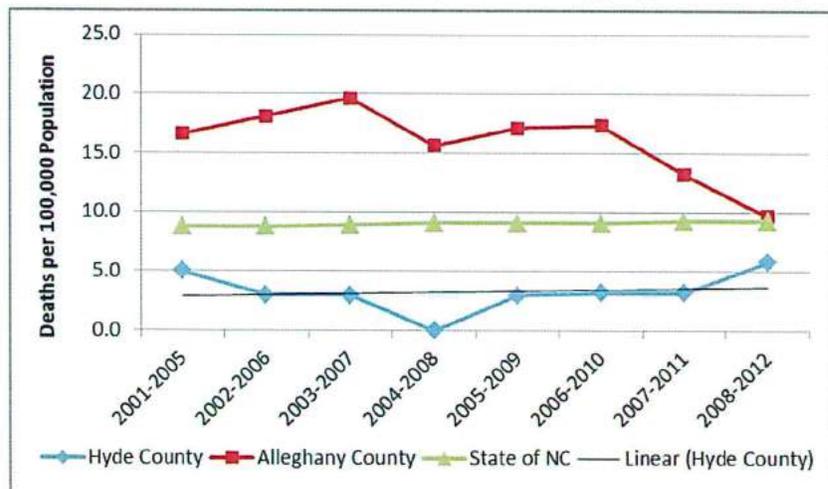
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Liver Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

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Liver Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	2	N/A	0	N/A	0	N/A	0	N/A	2	N/A	0	N/A	2	N/A
Alleghany County	7	N/A	0	N/A	0	N/A	1	N/A	6	N/A	2	N/A	8	N/A
State of NC	4,022	10.2	746	7.2	84	6.5	74	4.7	3,236	13.2	1,690	6.0	4,926	9.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

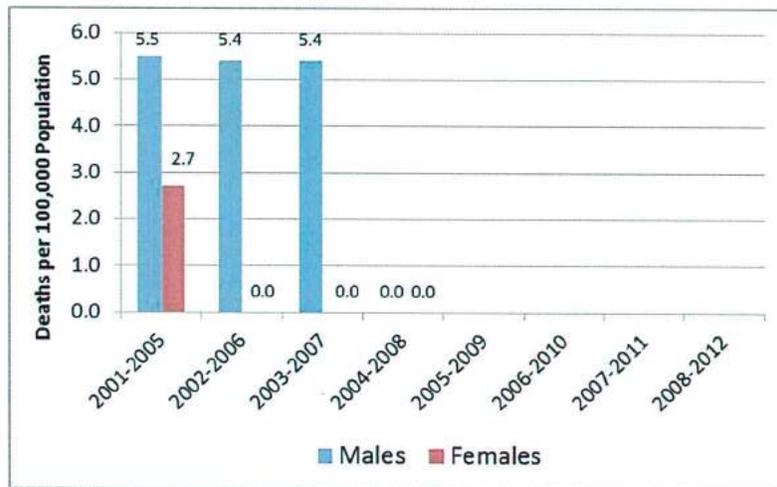
Gender Disparity Trend in Liver Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	5.5	5.4	5.4	0.0	N/A	N/A	N/A	N/A	2.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A
Alleghany County	20.2	20.8	22.0	18.9	N/A	N/A	N/A	N/A	14.7	17.1	18.2	13.4	N/A	N/A	N/A	N/A
State of NC	12.6	12.5	12.7	12.9	12.9	13.0	13.2	13.2	5.6	5.6	5.7	5.8	5.8	5.8	5.9	6.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Liver Disease Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Suicide

Suicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	10.9	12.5	12.9	9.4	7.3	10.6	6.4	3.1
Alleghany County	18.1	12.7	15.4	18.2	16.2	24.9	26.6	26.0
State of NC	11.6	11.6	11.7	11.9	12.0	12.1	12.1	12.2

Source:

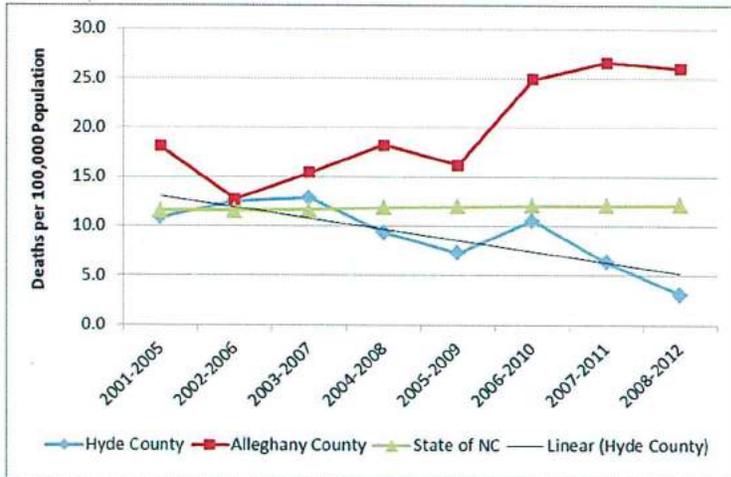
a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>.

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Suicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Suicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	1	N/A	0	N/A	0	N/A	0	N/A	1	N/A	0	N/A	1	N/A
Alleghany County	12	N/A	1	N/A	0	N/A	0	N/A	11	N/A	2	N/A	13	N/A
State of NC	5,184	15.4	493	4.8	134	7.7	147	4.1	4,580	19.8	1,378	5.4	5,958	12.2

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

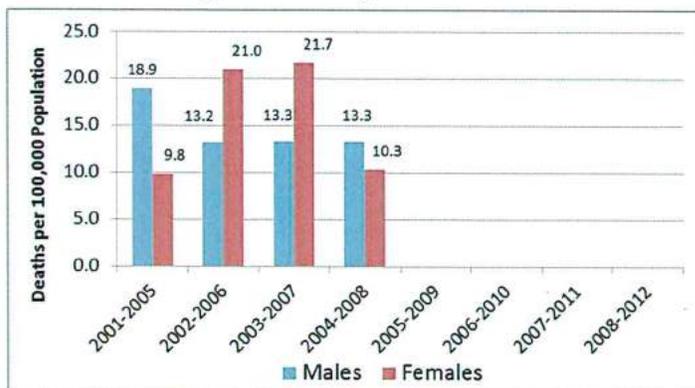
Gender Disparity Trend in Suicide Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	18.9	13.2	13.3	13.3	N/A	N/A	N/A	N/A	9.8	21.0	21.7	10.3	N/A	N/A	N/A	N/A
Alleghany County	35.8	23.0	19.1	21.8	N/A	N/A	N/A	N/A	4.6	4.7	12.8	16.1	N/A	N/A	N/A	N/A
State of NC	19.3	19.2	18.9	19.1	19.5	19.6	19.6	19.6	4.8	4.9	5.2	5.4	5.3	5.3	5.3	5.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Suicide Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.

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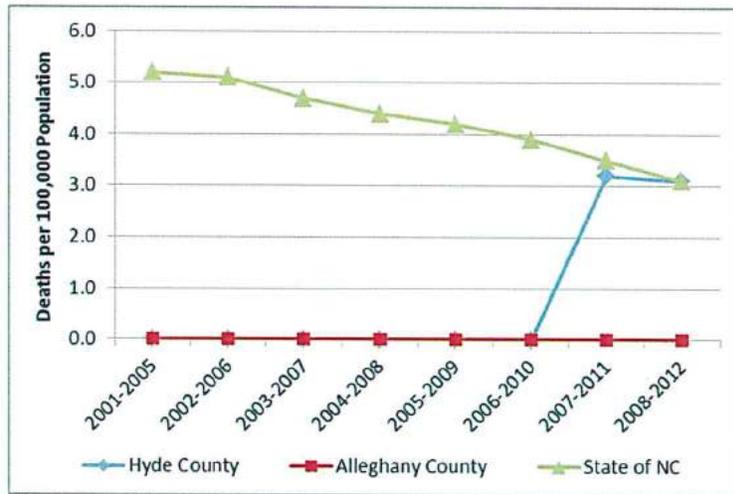
AIDS

AIDS Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.1
Alleghany County	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State of NC	5.2	5.1	4.7	4.4	4.2	3.9	3.5	3.1

Source: a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>. b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>. Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

AIDS Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

AIDS Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	1	N/A	1	N/A
Alleghany County	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
State of NC	324	0.9	1,165	11.3	18	N/A	53	2.2	1,065	4.4	495	2.0	1,560	3.1

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>. Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

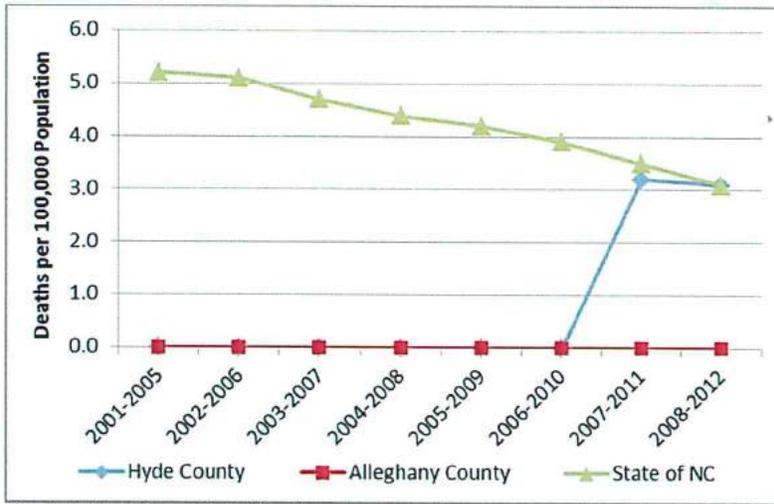
Gender Disparity Trend in AIDS Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A
Alleghany County	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A
State of NC	7.4	7.1	6.6	6.1	5.6	5.4	4.8	4.4	3.1	3.1	2.9	2.7	2.7	2.5	2.3	2.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>. Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Gender Disparity Trend in AIDS Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.

Pneumonia and Influenza

Pneumonia and Influenza Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	17.6	13.8	16.2	11.0	7.9	2.5	2.5	0.0
Alleghany County	21.2	20.6	20.6	21.6	19.1	19.6	19.7	18.5
State of NC	23.3	22.5	21.4	20.3	19.4	18.6	17.9	18.0

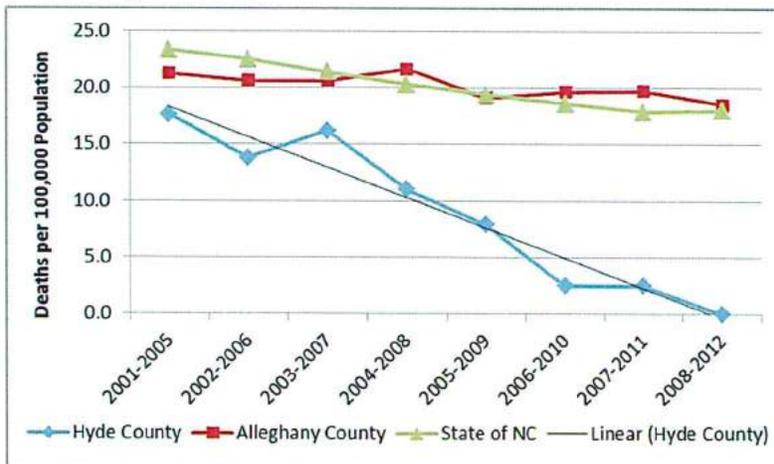
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pneumonia and Influenza Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

APPENDIX 1

Pneumonia and Influenza Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Person County	39	22.5	7	N/A	1	N/A	0	N/A	25	30.4	22	14.5	47	20.3
Bladen County	12	N/A	17	N/A	1	N/A	0	N/A	14	N/A	16	N/A	30	15.7
State of NC	7,152	18.4	1,395	17.2	93	11.5	70	7.4	3,819	20.7	4,891	16.4	8,710	16.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

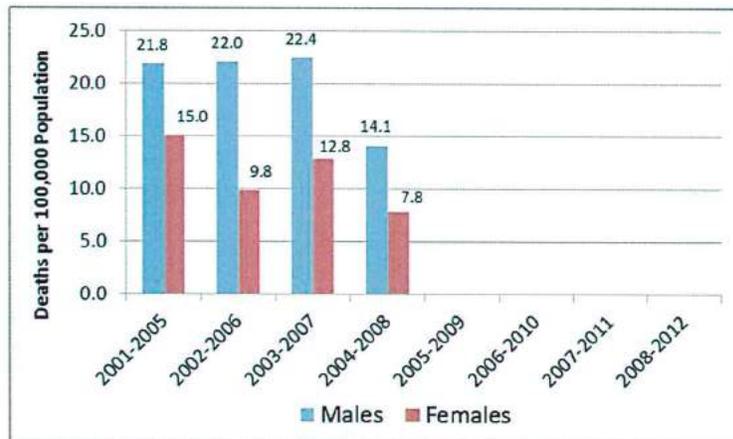
Gender Disparity Trend in Pneumonia and Influenza Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Person County	22.1	30.6	25.3	28.8	27.9	N/A	N/A	30.4	27.3	33.9	32.2	31.2	30.0	27.0	17.9	14.5
Bladen County	19.5	16.0	15.2	12.6	N/A	N/A	N/A	N/A	25.7	21.7	18.6	13.0	N/A	N/A	N/A	N/A
State of NC	28.0	26.0	25.4	23.9	22.6	21.6	20.9	20.7	20.5	20.1	19.0	18.1	17.4	16.8	16.1	16.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Pneumonia and Influenza Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Homicide

Homicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	6.6	6.7	3.0	3.0	3.0	0.0	0.0	0.0
Alleghany County	3.3	5.7	6.9	9.0	9.0	7.0	7.1	5.1
State of NC	7.2	7.2	7.1	7.2	7.0	6.6	6.3	6.0

Source:

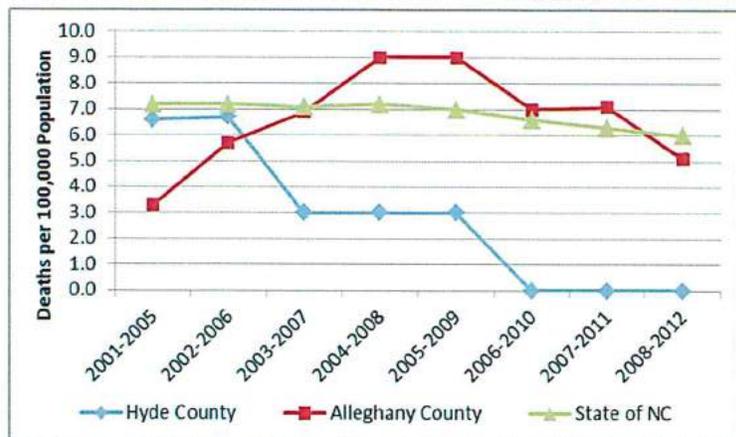
a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Homicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Homicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Alleghany County	1	N/A	0	N/A	0	N/A	1	N/A	2	N/A	0	N/A	2	N/A
State of NC	1,068	3.4	1,397	13.1	134	7.3	247	5.9	2,174	9.3	672	2.8	2,846	6.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

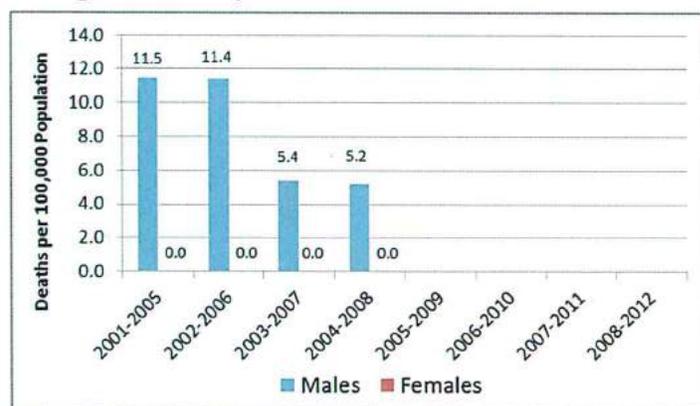
Gender Disparity Trend in Homicide Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males							Females								
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	11.5	11.4	5.4	5.2	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A
Alleghany County	6.3	10.7	13.0	16.7	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A
State of NC	11.0	10.9	11.0	11.0	10.8	10.2	9.8	9.3	3.3	3.3	3.2	3.3	3.2	3.0	2.9	2.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Homicide Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

APPENDIX 1

Morbidity

Sexually-Transmitted Infections

Chlamydia Infection Incidence Trend (Single Years, 2008-2012)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2008		2009		2010		2011		2012	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Hyde County	25	475.3	16	307.0	14	241.0	16	275.4	13	223.3
Alleghany County	7	63.5	11	100.3	6	53.8	22	197.2	17	153.8
State of NC	37,885	409.7	43,734	466.2	42,167	442.2	53,854	564.8	50,606	524.1

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 7; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>
 Note: Rates appearing in **bold** type are based on fewer than 10 cases per year. Such rates are unstable and should be interpreted with caution.

Gonorrhea Infection Incidence Trend (Single Years, 2008-2012)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2008		2009		2010		2011		2012	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Hyde County	4	76.0	4	76.8	6	103.1	3	51.5	2	34.4
Alleghany County	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
State of NC	15,012	162.3	14,811	157.9	14,153	148.0	17,158	177.7	14,322	148.3

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 8; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>
 Note: Rates appearing in **bold** type are based on fewer than 10 cases per year. Such rates are unstable and should be interpreted with caution.

Gonorrhea Infection Incidence Trend (Five-Year Aggregate Periods, 2002-2006 through 2006-2010)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2002-2006		2003-2007		2004-2008		2005-2009		2006-2010	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Hyde County	27	95.4	28	100.3	23	83.0	19	69.2	20	74.9
Alleghany County	2	3.7	4	7.3	2	3.6	2	3.6	2	3.6
State of NC	77,948	182.0	79,244	181.9	79,172	178.4	78,778	174.2	77,867	168.9

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2012). NC Resident Gonorrhea Cases and Rates per 100,000 Population (years and counties as noted): <http://www.schs.state.nc.us/schs/data/databook/Note>
 Note: Rates for 5-year aggregates appearing in **bold** type are based on fewer than 20 cases per five-year period. Such rates are unstable and should be interpreted with caution.

Gonorrhea Infection Incidence Trend, by Race (Single Five-Year Aggregate Period, 2006-2010)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	Total		White, Non-Hispanic		African American, Non-Hispanic		Other, Non-Hispanic		Hispanic	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Hyde County	20	74.9	5	31.1	15	159.9	0	0.0	0	0.0
Alleghany County	2	3.6	2	4.1	0	0.0	0	0.0	0	0.0
State of NC	77,867	168.9	16,488	52.9	58,041	581.6	1,485	96.7	1,853	54.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2012). NC Resident Gonorrhea Cases and Rates per 100,000 Population (years and counties as noted): <http://www.schs.state.nc.us/schs/data/databook/>
 Note: Rates for 5-year aggregates appearing in **bold** type are based on fewer than 20 cases per five year period. Such rates are unstable and should be interpreted with caution.

APPENDIX 1

Diabetes

Adult Diagnosed Diabetes Prevalence Estimate Trend (Six Single Years, 2005 through 2010)

Location	Estimated Prevalence, Number and Percent (Age-adjusted)											
	2005		2006		2007		2008		2009		2010	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Hyde County	502	11.7	505	11.9	495	12.0	510	12.3	518	12.5	566	12.2
Alleghany County	852	9.8	886	10.2	926	10.7	899	10.4	923	10.8	992	11.4
State Total	n/a	8.6	n/a	8.8	n/a	9.0	n/a	9.1	n/a	9.2	n/a	9.3

Source: a a a a a a a a a a a a b b
 a: Centers for Disease Control and Prevention, Diabetes Data and Trends, *County Level Estimates of Diagnosed Diabetes - of Adults in North Carolina, 2005-2010*; <http://apps.nccd.cdc.gov/ddtstrs/default.aspx>
 b: Centers for Disease Control and Prevention, Diabetes Public Health Resource, Diabetes Interactive Atlas, Diagnosed Diabetes Percentage, 2010; <http://www.cdc.gov/diabetes/atlas/countydata/atlas.html>
 Adults are persons 18 years of age or older.

Note: The prevalence of diagnosed diabetes and selected risk factors by county was estimated using data from CDC's Behavioral Risk Factor Surveillance System (BRFSS) and data from the U.S. Census Bureau's Population Estimates Program. Three years of data were used to improve the precision of the year-specific county-level estimates of diagnosed diabetes and selected risk factors.

Obesity

Adult Diagnosed Obesity Prevalence Estimate Trend (Six Single Years, 2005 through 2010)

Location	Estimated Prevalence, Number and Percent (Age-adjusted)											
	2005		2006		2007		2008		2009		2010	
	#	%	#	%	#	%	#	%	#	%	#	%
Hyde County	1,276	29.9	1,305	30.9	1,288	31.2	1,281	30.8	1,330	32.2	1,330	31.3
Alleghany County	2,115	24.4	2,268	26.1	2,242	25.9	2,314	26.7	2,146	25.0	2,146	25.0
State of NC	n/a	54.6	n/a	56.0	n/a	56.8	n/a	56.4	n/a	57.1	n/a	57.4

Source: Centers for Disease Control and Prevention, Obesity Data and Trends, *County Level Estimates of Diagnosed Obesity - of Adults in North Carolina, 2006-2011*; <http://apps.nccd.cdc.gov/ddtstrs/default.aspx>.
 Adults are persons 18 years of age or older.

Note: The prevalence of diagnosed diabetes and selected risk factors by county was estimated using data from CDC's Behavioral Risk Factor Surveillance System (BRFSS) and data from the U.S. Census Bureau's Population Estimates Program. Three years of data were used to improve the precision of the year-specific county-level estimates of diagnosed diabetes and selected risk factors.

Prevalence of Overweight and Obesity in Children Ages 2-4 (2007-2012)¹

Location	Prevalence of Overweight and Obesity in Children Ages 2-4, by Percent											
	2007		2008		2009		2010		2011		2012	
	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese
Hyde County	9.0	12.0	13.6	4.5	9.9	21.1	15.1	18.6	12.3	17.3	15.5	14.1
Alleghany County	17.2	27.0	22.2	24.8	18.6	18.6	22.6	17.7	20.1	28.4	13.0	19.4
State of NC	15.7	15.3	16.3	15.4	15.8	15.4	16.1	15.6	16.2	15.7	14.9	14.5

Source: Eat Smart, Move More, Data on Children and Youth in NC, North Carolina Nutrition and Physical Activity Surveillance System (NC-NPASS), NC-NPASS Data (2007-2012), counties and age groups as noted; <http://www.eatsmartmovemorenc.com/Data/ChildAndYouthData.html>.

¹ NC-NPASS data for children ages 2 to 4 are reflective of the population at 185% of the federal poverty level. Approximately 85 to 95% of the children included in the NC-NPASS sample for ages 2 to 4 are WIC participants. Since children are not eligible to participate in WIC once they become 5 years old, the sample size for NC-NPASS data received from the child health clinics was not adequate to calculate county-specific rates for children age 5 and older.

Note: Figures denoted in bold type indicate percentages based on fewer than 10 cases.

Overweight (Formerly "At Risk for Overweight") = BMI greater than or equal to the 85th percentile but less than the 95th percentile.
 Obese (Formerly "Overweight") = BMI greater than or equal to the 95th percentile.

APPENDIX 1

Mental Health

Persons Served by Area Mental Health Programs (2005-2012)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Hyde County	315	255	277	105	166	157	155	61
Alleghany County	597	526	456	445	635	544	459	452
State of NC	337,676	322,397	315,338	306,907	309,155	332,796	360,180	315,284

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 519); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show.

¹ All clients of a community-based Area Program for mental health, developmental disabilities, and drug and alcohol abuse active at the beginning of the state fiscal year plus all admissions during the year. Also included are persons served in three regional mental health facilities. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state and sometimes contains individuals of unknown county of residence.

Persons Served in NC State Psychiatric Hospitals (2005-2012)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Hyde County	6	5	9	8	3	4	1	1
Alleghany County	18	16	24	16	8	10	3	0
State of NC	18,435	18,292	18,498	14,643	9,643	7,188	5,754	4,572

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 516); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show.

¹ Sometimes referred to as "episodes of care", these counts reflect the total number of persons who were active (or the resident population) at the start of the state fiscal year plus the total of first admissions, readmissions, and transfers-in which occurred during the fiscal year at the three state alcohol and drug treatment centers. Excluded are visiting patients and outpatients. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state.

Persons Served in NC State Developmental Centers (2008-2013)

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Hyde County	2	2	0	0	2	2	1	0
Alleghany County	2	2	2	2	3	3	3	5
State of NC	2,172	1,690	1,713	1,409	1,404	1,375	1,355	1,340

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 517); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show.

Persons Served in NC State Alcohol and Drug Abuse Treatment Centers (2008-2013)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Hyde County	2	5	1	9	4	5	5	2
Alleghany County	5	3	8	2	4	2	2	3
State of NC	3,732	4,003	3,733	4,284	4,812	4,483	4,590	4,265

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 518); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show.

¹ Sometimes referred to as "episodes of care", these counts reflect the total number of persons who were active (or the resident population) at the start of the state fiscal year plus the total of first admissions, readmissions, and transfers-in which occurred during the fiscal year at the three state alcohol and drug treatment centers. Excluded are visiting patients and outpatients. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state.

APPENDIX 1

Active Health Professionals per 10,000 Population (2008 through 2011)

Location	2008					2009					2010					2011				
	MDs	Primary Care MDs ¹	DDSs	RNs	Pharms	MDs	Primary Care MDs	DDSs	RNs	Pharms	MDs	Primary Care MDs	DDSs	RNs	Pharms	MDs	Primary Care MDs	DDS	RNs	Pharms
Hyde County	1.8	1.8	0.0	54.4	0.0	0.0	0.0	0.0	48.3	0.0	1.7	1.7	0.0	46.5	0.0	1.7	1.7	0.0	48.2	0.0
Alleghany County	11.7	8.1	0.9	47.0	6.3	10.7	7.1	0.9	44.5	4.4	10.7	8.1	1.8	43.0	6.3	9.9	6.3	1.8	37.0	5.4
State of NC	21.2	9.0	4.3	95.1	9.3	21.2	9.2	4.4	96.9	9.3	21.7	9.4	4.4	97.3	9.2	22.1	7.8	4.4	98.6	9.5
United States	23.2 ²	8.5 ²	4.9 ³	91.4 ³	8.0 ³	23.4 ²	8.5 ²	5.3 ³	92.5 ³	8.7 ³	22.7 ²	8.2 ²	5.7 ³	92.0 ³	8.3 ³	22.7 ²	8.2 ²	5.7 ³	92.0 ³	8.3 ³

¹ Primary Care Physicians are those who report their primary specialty as family practice, general practice, internal medicine, pediatrics, or obstetrics/gynecology

² US ratio from US Census Bureau estimates. Comparison data is for date two years previous.

³ US ratio from Bureau of Labor Statistics. Comparison data matches.

Source for NC Data: Cecil G. Sheps Center for Health Services Research, North Carolina Health Professions Data System, North Carolina Health Professions Data Books, Table 14 (2008, 2009, 2010, 2011); <http://www.shepscenter.unc.edu/hp/publications.htm>
Abbreviations used: MDs (Physicians), RNs (Registered Nurses), DDSs (Dentists), Pharms (Pharmacists)

Active Health Professionals (2011)

Category of Health Professional	Number of Professionals ¹	
	Hyde	Alleghany
Physicians		
Primary Care Physicians	1	7
<i>Family Practice</i>	1	5
<i>General Practice</i>	0	0
<i>Internal Medicine</i>	0	2
<i>Obstetrics/Gynecology</i>	0	0
<i>Pediatrics</i>	0	0
Other Specialities	0	4
Dentists and Dental Hygienists		
Dentists	0	2
Dental Hygienists	0	0
Nurses		
Registered Nurses	28	41
<i>Nurse Practitioners</i>	4	6
<i>Certified Nurse Midwives</i>	1	0
Licensed Practical Nurses	9	10
Other Health Professionals		
Chiropractors	0	1
Occupational Therapists	0	4
Occupational Therapy Assistants	1	2
Optometrists	0	1
Pharmacists	0	6
Physical Therapists	2	2
Physical Therapy Assistants	1	2
Physician Assistants	0	1
Podiatrists	0	0
Practicing Psychologists	0	0
Psychological Assistants	0	1
Respiratory Therapists	0	7

* Numbers reported include those active within the profession and those newly licensed in 2009 with unknown activity status; inactives are excluded.

Source: Cecil G. Sheps Center for Health Services Research, North Carolina Health Professions Data System. Publications. 2011 North Carolina Health Professions Databook; http://www.shepscenter.unc.edu/hp/publications/2011_HPDS_DataBook.pdf.

APPENDIX 1

Hyde County FQHC: Ocracoke Health Center (2011-2013)

Parameter	Number of Patients					
	2011		2012		2013	
	OHC ¹	EMC ²	OHC	EMC	OHC	EMC
Gender						
<i>Male</i>	584	406	590	401	622	444
<i>Female</i>	667	474	689	478	681	483
<i>Total Patients</i>	1,251	880	1,279	879	1,303	927
Age Group						
<i>Under age 1</i>	0	0	2	2	17	9
<i>1-9</i>	163	67	178	64	146	69
<i>10-19</i>	189	143	155	133	160	124
<i>20-29</i>	127	112	131	96	140	96
<i>30-39</i>	163	90	170	92	162	94
<i>40-49</i>	161	108	161	112	180	125
<i>50-59</i>	167	168	187	187	186	191
<i>60-64</i>	80	64	92	71	96	81
<i>65-69</i>	95	54	95	46	97	55
<i>70-74</i>	34	19	40	24	50	26
<i>75-79</i>	28	25	34	27	36	26
<i>80-84</i>	21	17	12	15	15	17
<i>85 and over</i>	23	13	22	10	18	14
Race						
<i>Asian</i>	6	0	2	0	2	0
<i>Hawaiian/Pacific Islander</i>	0	4	1	1	0	0
<i>Black or African American</i>	5	284	3	307	4	277
<i>American Indian/Alaska Native (including Hispanic)</i>	1	1	3	1	3	2
<i>White (including Hispanic)</i>	1,063	548	1,108	522	1,188	611
<i>More than one race</i>	4	9	7	11	5	16
<i>Unreported/refused to report</i>	172	34	155	37	101	21
<i>Total self-described Hispanic/Latino of any race</i>	124	54	135	57	129	47
<i>Patients Served in a Language Other than English</i>	17	1	15	1	11	1
Income as Percent of Poverty Level						
<i>100% and below</i>	110	177	135	198	121	178
<i>101-150%</i>	74	44	75	49	83	49
<i>151-200%</i>	59	34	68	37	56	32
<i>Over 200%</i>	194	3	266	6	85	4
<i>Unknown</i>	814	622	735	589	958	664
Principal Third-Party Insurance						
<i>None/uninsured</i>	406	475	410	427	481	387
<i>Regular Medicaid (Title XIX)</i>	87	118	95	110	89	147
<i>CHIP Medicaid</i>	0	0	0	0	0	0
<i>Other public insurance (non-CHIP)</i>	0	0	0	1	0	1
<i>Medicare (Title XVII)</i>	146	133	162	143	174	155
<i>Private insurance</i>	612	154	612	198	559	237
Special Populations						
<i>Migrant/seasonal</i>	2	0	3	0	3	0
<i>Homeless</i>	1	0	1	0	1	0
<i>School-based health center</i>	0	0	0	0	0	0
<i>Veterans</i>	18	0	15	0	16	0

Source: Personal communication, Jamie Tunnell Carter, Office Manager, Ocracoke Health Center, to Elizabeth Mumm, Public Health Educator, Hyde County Health Department; February 27, 2014.

1 - OHC = Ocracoke Health Center, Ocracoke

2 - EMC = Engelhard Medical Center, Engelhard

School Student to School Nurse Ratio (SY2009-10 through 2011-12)

Location	Student to School Nurse Ratio		
	SY2009-10	SY2010-11	SY2011-12
Hyde County	287	575	575
Alleghany County	742	724	724
State of NC	1,185	1,201	1,179

Source - NC DHHS, DPH, Women's and Children's Health, Facts & Figures, Data Reports & Publications. Annual School Health Services Reports, End-of-Year-Reports, years as listed. <http://www.ncdhhs.gov/dph/wch/stats/>

APPENDIX 1

Hyde County Long-Term Care Facilities (as of July, 2014)

Facility Type/Name	Location	# Beds SFN (ACH) ¹
Nursing Homes/Homes for the Aged		
Cross-Creek Health Care	Swan Quarter	80 (0)
Adult Care Homes/Homes for the Aged	None	
Family Care Homes	None	

¹ - SNF (ACH) = Maximum number of nursing (adult care home beds) for which the facility is licensed.

Source - NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Adult Care Homes, Family Care Homes, Nursing Facilities (by County); <http://www.ncdhhs.gov/dhsr/reports.htm>.

Licensed Health Service Facilities in Hyde County (as of March, 2014)

Facility Name	Location	No. Beds	Operating Rooms/Notes
Hospitals			
None			
Ambulatory Surgery Facilities			
None			
Cardiac Rehabilitation Facilities			
None			
Dialysis Facilities¹			
None			
Home Care Agencies			
Hydeland Homea Care Agency	Swan Quarter		

Source (unless otherwise noted) - NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities; <http://www.ncdhhs.gov/dhsr/reports.htm>.

¹ - Source: Dialysis Facility Compare, <http://www.medicare.gov/dialysisfacilitycompare/search.html>.

NC-Licensed Mental Health Facilities in Hyde County (G.S. 122C) (as of February 2014)

Name of Facility/Operator	Location	Category
Hyde County Group Home		
Roanoke Developmental Center	Fairfield	Supervised Living DD Adult
Mattamuskeet Opportunities Hyde ADAP		
Hyde County DSS	Fairfield	Day Activity

Source - NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Mental Health Facilities (G.S. 122C) (by County); <http://www.ncdhhs.gov/dhsr/reports.htm>.

APPENDIX 1

Hyde County Recreational Opportunities (March, 2014)

Category/Name	Location	Facilities/Programs
Natural Attractions		
Cape Hatteras National Seashore	Ocracoke	Fishing village, historic structures, historic British cemetery, Ocracoke Light Station; pristine beaches, shelling, nature study
Ocracoke Hammock Hills Nature Trail	North of Ocracoke Village	A 3/4-mile loop trail through yaupon, pine, myrtle and dunes
Ocracoke Preservation Society Museum	Ocracoke	Houses displays from the early history of the island and environs
Ocracoke Historical Interpretive Trail	Ocracoke	Walking or biking island tour of historical, natural and cultural attractions of the harbor, town and beach
Springer's Point	Off Loop Road in Ocracoke	Ancient maritime forest
Mattamuskeet National Wildlife Refuge	Lake Mattamuskeet	50,000 acres of water, marsh, timber and crop lands; largest natural lake in North Carolina; migration and wintering habitat for waterfowl and other birds; fishing, hunting, photography and wildlife observation
Mattamuskeet Lodge	Lake Mattamuskeet	A former steam-powered pumping plant undergoing restoration by the NC Wildlife Resources Commission.
Swan Quarter National Wildlife Refuge	Swan Quarter	8,800 acres of saltmarsh islands and forested wetlands interspersed with potholes, creeks, and drains; winter sanctuary and nesting habitat for waterfowl; fishing, hunting, photography
Pocosin Lakes National Wildlife Refuge	Several access points	A unique wetland habitat of more than 113,000 acres featuring migratory waterfowl and other birds; fishing, hunting, photography and wildlife observation; wildlife-oriented interpretation, outdoor recreation and environmental education
Alligator River National Wildlife Refuge	Accessed from Manteo	A 152,000-acre refuge established to preserve and protect the pocosin, a unique wetland habitat type, and its associated wildlife species; fishing, hunting and interpretation
Historic Albemarle Trail	Northeast NC	Mattamuskeet Lodge and Historic Ocracoke are two of 32 sites on this driving tour of historic and natural sites of the northeastern region of NC
Charles Kuralt Trail	Various	Hyde County's four National Wildlife Refuges are featured on this trail.
Biking and Paddling Trails		
NC Bile Route 2	Various sites in Hyde County	Stretching 700 miles from the NC mountains to the sea, this bike route has two segments within Hyde County: the Mattamuskeet segment, along the Pamlico Sound, and the Outer Banks route through Ocracoke Island.
NC Birding Trail	Various sites in Hyde County	This trail links great bird-watching sites and birders with communities, businesses and other local historical and educational attractions.
NC Coastal Plain Paddle Trails	Waterways in Hyde County	Three waterways within Hyde County have been designated as paddle trails: Alligator River Trail (22 miles) which includes a portion on the Atlantic Intracoastal Waterway; Lake Mattamuskeet Trail (10 miles) entirely on the National Wildlife Refuge; and Pungo River Trail (11 miles) that runs through black-water marshes and cypress swamps in the western end of Hyde County.
Self-Guided Tours		
Historic Fairfield	Fairfield	Walking/riding tour through the Fairfield National Register Historic District; rural village including rare, intact examples of the Italianate and Carpenter Gothic-style buildings
Historic Lake Landing	Lake Landing	Riding tour through the Lake Landing Historic District, part of the Mattamuskeet Indian Reservation. Site comprises 13,400 acre and 25 homes, churches and other buildings
Talking Houses and Historic Places	Various sites	AM-radio accessible tour information about numerous sites
Campgrounds/Recreational Vehicle Parks		
Bayside Marina and Campground	Swan Quarter	
Osprey Nest Campground	Fairfield	
Beachcomber Campground	Ocracoke	
Teeter's Campground	Ocracoke	

2014
Hyde County
Community Health
Assessment
Secondary Data Summary

Report to Hyde Partners for Health
May 12, 2014

 Sheila S. Pfaender, Public Health Consultant

Purpose of the
Community Health Assessment

- Describe the health status of the community.
- Create a report that will serve as a resource for Hyde Partners for Health, the Hyde County Health Department, area hospitals, and other community organizations.
- Provide direction for the planning of disease prevention and health promotion services and activities.

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Definitions and Symbols

- **Arrows**
 - Arrow up (▲) indicates an increase.
 - Arrow down (▼) indicates a decrease.
- **Color**
 - **Red** indicates a “worse than” or negative difference
 - **Green** indicates a “better than” or positive difference
 - **Blue** indicates a likely unstable rate or difference based on a small number of events; figures in blue should be used with great caution.
- **Bold Type**
 - Indicates the higher value of a pair, or the highest value among several.

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We Take Special Notice When...

- Hyde County statistics deviate from North Carolina (or comparison county) statistics, or some other “norm”.
- Trend data show significant changes over time.
- There are significant age, gender, or racial disparities.

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Demographic Data

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General Population Characteristics

- The Hyde County population is “older” than the overall NC population.
- Median age for Hyde County females is seven years “older” than median age for Hyde County males.
- The Hyde County population has a higher proportion of males than females, the reverse of the “usual” situation.

2010 US Census

Location	Total Population	Number Males	% Population Male	Median Age Males	Number Females	% Population Female	Median Age Females	Overall Median Age
Hyde County	5,810	3,228	55.5	38.6	2,584	44.5	45.9	41.2
Aleghany County	11,155	5,532	49.6	44.3	5,623	50.4	47.5	45.9
State of NC	9,535,483	4,645,492	48.7	36.0	4,889,991	51.3	38.7	37.4

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Population Growth

- Rate of growth in Hyde County has been mostly *negative*, a trend predicted to continue in the decade 2010-2020 and beyond.

Percent Population Growth		
Decade	Hyde County	State of NC
1980-1990	-7.9	12.8
1990-2000	7.7	21.3
2000-2010	-0.3	18.5
2010-2020	-3.5	15.0
2020-2030	-3.7	13.7

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Minority Populations

- Hyde County population has a higher proportion of African Americans than NC or Alleghany County.

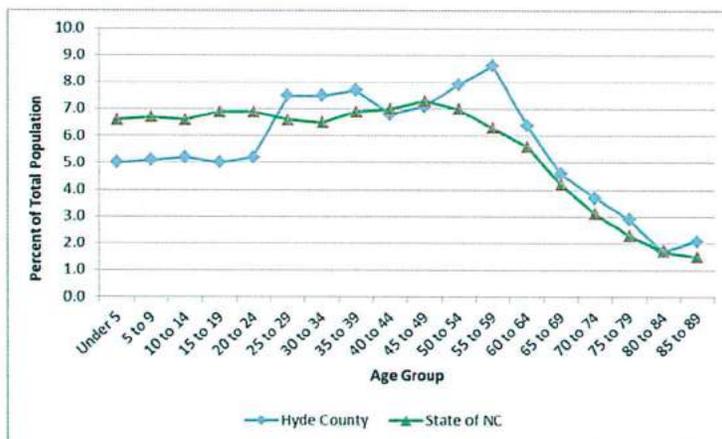
**Population Distribution by Race/Ethnicity
2010 US Census**

Location	Percent of Overall Population						
	White	Black	AI/AN	Asian	Other	Multiple Races	Hispanic
Hyde County	64.0	31.6	0.5	0.3	2.4	1.2	7.1
Alleghany County	92.2	1.3	0.2	0.5	4.6	1.1	9.0
State of NC	68.5	21.5	1.3	1.7	4.3	2.2	8.4

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Population Age Distribution

- Hyde County has lower proportions of people ≤ 24 and 40-49, and higher proportions of people 25-39 and ≥ 50 than NC.



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Growth of the Elderly Population

- The proportion of every major age group 65 years and older in Hyde County will increase between 2010 and 2030.
 - Age 65-74: by 49% (to 742) [in NC by 47%]
 - Age 75-84: by 107% (to 571) [in NC by 61%]
 - Age 85+: by 43% (to 182) [in NC by 47%]
 - Overall Age 65+: by 65% (to 1,495) [in NC by 51%]

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Socioeconomic Data

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Income

In Hyde County as of November, 2013:

- Per Capita Personal Income (2012) = \$18,291
– \$5,664 **below** NC average
- Median Household Income (2012) = \$33,768
– \$10,148 **below** NC average
- Median Family Income (2011) = \$42,121
– \$10,799 **below** NC average

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Employment

- As of 2012, the employment sector in Hyde County with the largest proportion of workers (26% of total workforce):

Public Administration

- Employment sectors in Hyde County with the second and third largest proportion of workers:

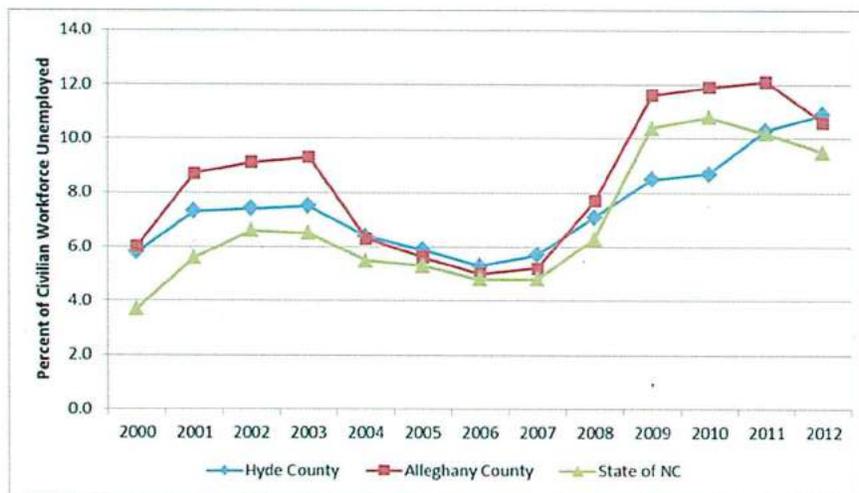
Agriculture, Forestry, Fishing and Hunting (16%)

Accommodation and Food Service (15%)

Statewide in 2012 the largest employment sector was Health Care and Social Assistance (14%).

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Annual Unemployment Rate



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Poverty / Poverty and Race

- The total poverty rate in Hyde County was significantly higher than the NC rate in each period cited.
- In 2008-2012 the poverty rate for blacks in Hyde County was 5 times the rate for whites.

Percent in Poverty

Location	2006-2010			2007-2011			2008-2012		
	Total % in Poverty	% White in Poverty	% Black in Poverty	Total % in Poverty	% White in Poverty	% Black in Poverty	Total % in Poverty	% White in Poverty	% Black in Poverty
Hyde County	20.4	12.3	47.8	25.1	10.5	63.3	23.3	10.9	54.8
Alleghany County	26.2	22.1	0.0	22.6	21.0	18.5	20.9	19.1	35.6
State of NC	15.5	11.2	25.6	16.1	11.8	26.1	16.8	12.5	26.8

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Poverty and Age

- Very young children in Hyde County, as elsewhere, are disproportionately affected by poverty, at a rate as much a twice the overall rate.

Percent in Poverty

Location	2006-2010				2007-2011				2008-2012			
	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty
Hyde County	20.4	32.6	21.3	29.8	25.1	44.2	25.6	26.4	23.3	47.8	31.9	22.7
Alleghany County	26.2	48.9	29.4	13.7	22.6	50.6	32.4	12.2	20.9	43.6	30.0	13.0
State of NC	15.5	25.5	21.3	10.7	16.1	26.4	22.3	10.3	16.8	28.0	23.5	10.2

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Housing Costs

- For 2008-2012, the estimated median monthly mortgage cost among Hyde County homeowners = \$895

\$392 less than the NC median

- For 2008-2012, the estimated median monthly rent among Hyde County renters = \$614

\$145 less than the NC median

For 2008-2012, approximately 50% of Hyde County renters and 33% of Hyde County mortgage-holders lived in a household paying > 30% of household income for housing, the same figures as for NC as a whole.

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Socioeconomics and Health

- The population in Hyde County is aging and will continue to age. It will be necessary to invest resources to provide needed health and social services for this segment of the population.
- Unemployment and poverty remain high in Hyde even as they improve elsewhere in NC. Loss of employment (which apparently is continuing in Hyde County) correlates with loss of health insurance, so greater numbers of people will have difficulty accessing needed healthcare services.

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Children and Families

- In 2010, 20% of the Hyde County population was under the age of 18. [NC = **24%**]
- In 2010, in Hyde County households with children under the age of 18:
 - Total children under the age of 18 = 1,076
 - Children <18 living with both parents = 601 (56%) [NC = **60%**]
- For 2008-2012, 41% of the estimated 99 Hyde County grandparents living with their minor grandchildren *also* were responsible for their care. [NC = **50%**]

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Educational Achievement and Investment

- Compared to the NC average, Hyde County has:
 - **9% lower** percentage of high school graduates (2008-12)
 - **51% lower** percentage of college graduates (2008-12)
 - **23% lower** HS drop-out rate (SY2011-12)
 - **4% lower** average SAT score (SY2011-12)
 - **higher** proficiency among 3rd graders on EOG math tests but **lower** proficiency on EOG reading tests (SY2011-12)
 - **higher** proficiency among 8th graders on EOG math and reading tests (SY2011-12)
 - **118% higher** total per pupil expenditure (SY2011-12)

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Education and Health

- The relatively lower educational attainment of the Hyde County population could mean that health-focused messages might not be understood by some in the community. Special effort also may be needed to overcome cultural biases and myths about health in some segments of the population.
- With healthcare services inaccessible and unaffordable for some segments of the Hyde County population, local schools may need to become a growing source of healthcare and health information (including mental health) for youth.

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Crime and Safety

- Overall crime rates and counts of index crimes were not available for Hyde County.
- Of 14,028 **registered sex offenders** in NC in January 2014, **10** lived in Hyde County.
- **Two clandestine methamphetamine lab** busts have taken place in Hyde County since 2005.
- As of 2013 there were **no gangs** reported in Hyde County

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Juvenile Crime

- Between 2011 and 2012 the *number* of complaints of **undisciplined** youth (ages 6-17) in Hyde County ▼ to zero, and the *rate* ▼ to zero.

Undisciplined refers to disobedience beyond disciplinary control of parent/guardian (e.g., truancy, vagrancy, running away from home for more than 24 hours).

- Over the same period the *number* of complaints of **delinquent** youth in the county ▲ from zero to 8, and the *rate* ▲ 13%.

Delinquency refers to acts committed by youths that would be crimes if committed by an adult.

- One Hyde County youth was sent to secure detention in 2011; none were sent in 2012.

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Juvenile Crime

- **Risks (8 Hyde County youth assessed, FY2011-2013)**

- Age at first complaint ≥ 12 : 100%
- Prior referral(s) to court: 25%
- Negative peers and/or gang association: 75%
- Involved in substance abuse: 50%
- Parents willing and able to supervise: 87%
- Parents willing but unable to supervise: 13%

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Juvenile Crime

- **Needs (18 Hyde County youth assessed, FY2011-2013)**
 - Functioning at grade level: 89%
 - No school behavior problems: 28%
 - Serious school behavior problems: 44%
 - Domestic discord at home: 22%
 - Domestic violence at home: 0%
 - Marginal/inadequate parenting skills at home: 78%
 - Family history of criminality: 56%
 - Family uses drugs and/or alcohol: 22%

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Sexual Assault

- The number of individuals filing sexual assault claims in Hyde County and NC increased in the most recent period.

Location	No. of Individuals Filing Complaints ("Clients")				
	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Hyde County	2	*	7	6	15
Alleghany County	2	12	13	35	52
State of NC	6,527	8,494	13,392	13,881	13,214

- In Hyde County in 2011-2012 the largest proportion of sexual assault complaints (33%) involved adult rape; statewide the largest proportion (24%) also involved adult rape.

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Domestic Violence

- The number of individuals filing domestic violence claims in Hyde County increased in the two most recent periods.

Location	No. of Individuals Filing Complaints ("Clients")				
	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Hyde County	17	*	80	123	142
Alleghany County	90	107	141	139	146
State of NC	41,787	51,873	66,320	61,283	51,563

- The Hyde County domestic violence shelter served 6 victims in FY2011 and FY2012 and 24 in FY2013.

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Child Maltreatment

- The most common type of child maltreatment in Hyde County is *neglect*.

Category	2008-09	2009-10	2010-11	2011-12	2012-13
No. Substantiated ¹ Findings of Abuse and Neglect	0	0	0	0	0
No. Substantiated Findings of Abuse	0	2	0	0	0
No. Substantiated Findings of Neglect	0	1	1	3	0

¹ A "substantiated" report of child abuse, neglect or exploitation indicates that the investigation supports a conclusion that the subject child(ren) was/were abused, neglected, or exploited.

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Crime / Safety and Health

- Crime (especially theft, robbery and domestic violence) often increases during times of economic hardship, especially among populations already experiencing poverty. Crime is sometimes committed in response to economic desperation and mental depression.
- Community crime—and sometimes even the *perception* of crime or inadequate safety—can increase anxiety among residents.
- Efforts to control crime may, of necessity, divert resources that might otherwise be applied to health and social service needs.

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Health Resources

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Health Insurance

- The percent uninsured improved substantially in all age groups in Hyde County and NC between the two most recent periods cited.

Percent of Population Without Health Insurance, by Age Group

Location	2006-07			2008-09			2010-11		
	0-18	19-64	0-64	0-18	19-64	0-64	0-18	19-64	0-64
Hyde County	10.8	31.4	25.8	11.0	31.6	26.8	8.5	24.6	20.9
Alleghany County	10.5	25.7	21.4	12.8	26.8	23.2	8.7	21.6	18.2
State of NC	11.3	19.5	19.5	11.5	23.2	19.7	9.4	23.0	18.9

- The age group 0-18 tends to have a lower percentage of uninsured than the 19-64 age group, due partly at least to NC Health Choice.

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Medicaid Eligibility

- The *total* number eligible for Medicaid in Hyde County changed little from year to year over the period cited, although the numbers in some programs varied more dramatically.

Hyde County Medicaid Eligibles by Program Area

Year	Number of Eligibles						
	Aged	Disabled	AFDC	Infants & Children	Medicaid CHIP	Medicare Catastroph	Total Eligibles
2010	203	200	258	298	41	58	1,075
2011	199	202	261	290	31	56	1,055
2012	189	194	217	346	38	60	1,058
2013	188	187	206	384	22	64	1,068

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Health Care Practitioners

- 2011 ratios of active health professionals per 10,000 population were **lower** in Hyde County than NC for:
 - MDs: **1.7** (NC = 22.7)
 - Primary Care MDs: **1.7** (NC = 8.2)
 - Registered Nurses: **48.2** (NC=92.0)
 - Dentists: **0.0** (NC = 4.4)
 - Pharmacists: **0.0** (NC = 9.5)
- The only medical specialties represented in Hyde County in 2011 were: primary care; family medicine; nursing (registered nurse, nurse practitioner, certified nurse midwife, and licensed practical nurse); and physical therapy (physical therapist, physical therapy assistant, occupational therapy assistant).

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Long-Term Care Facilities

- Beds in Nursing Homes/Homes for the Aged in Hyde County: 80 (Cross Creek Health Care)
- Beds in Adult Care Homes/Homes for the Aged in Hyde County: 0
- Beds in Family Care Homes in Hyde County: 0

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Health Statistics

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Health Rankings

- According to *America's Health Rankings* (2013)
 - NC ranked 35th overall out of 50 (where 1 is “best”)
- According to *County Health Rankings* (2014) Hyde County was ranked among the 100 NC counties (where 1st is “best”):
 - 22nd in length of life
 - 25th in quality of life
 - 52nd in health behaviors
 - 94th in clinical care
 - 73rd in social and economic factors
 - 1st in physical environment

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Maternal and Infant Health

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Pregnancy Rate

Women Age 15-44

Pregnancies per 1,000 women (2012)

- **Hyde County:**

- Total = 64.7 [▼ 20% since 2008] (NC = **72.1**)
- White non-Hispanic = **80.8** (NC = 63.0)
- African American non-Hispanic = **36.5** (NC = **79.6**)
- Other non-Hispanic = **0.0** (NC = 80.6)
- Hispanic = **28.0** (NC = **102.6**)

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Pregnancy Rate

Women Age 15-19 ("Teens") Pregnancies per 1,000 women (2012)

- **Hyde County** (Note all county rates are *unstable*):
 - Total = **59.3** [▲ 49% since 2008] (NC = 39.6)
 - White non-Hispanic = **50.0** (NC = 30.8)
 - African American non-Hispanic = **75.0** (NC = 61.6)
 - Other non-Hispanic = **0.0** (NC = 39.4)
 - Hispanic = **66.7** (NC = 71.1)

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Pregnancy Risk Factors

- **High Parity Births (2008-2012)**
 - Hyde County <30 = **14.6%** (NC = 16.6%)
 - Hyde County ≥30 = **31.3%** (NC = 21.5%)
- **Short Interval Births (2008-2012)**
 - Hyde County Overall = **10.2%** (NC = 12.9%)
- **Percent of Births to Moms Who Received Prenatal Care in the First Trimester (2012)**
 - Hyde County Overall = **71.4%** (NC = 71.3%)
 - *Note: this is the second lowest percentage for Hyde County in 7 years. The frequency of early prenatal care in 2006 was 89.0%. (The percentage is falling in NC as well.)
- **Percent of Births to Moms Who Smoked During Pregnancy (2012)**
 - Hyde County Overall = **14.3%** (NC = 10.6%)

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Pregnancy Outcomes

For 2008-2012:

- **Low Birth Weight Births (<5.5 pounds)**
 - Hyde County Overall = **8.6%** (NC = 9.0%)
- **Very Low Birth Weight (<3.3 pounds)**
 - Hyde County Overall = **2.7%** (NC = 1.8%)
- **Caesarian Section Deliveries**
 - Hyde County Overall = **42.0%** (NC = 31.1%)
- **Infant Mortality Rate (per 1,000 live births)**
 - Hyde County Overall = **11.7** (NC = 7.5)

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Mortality

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Leading Causes of Death in Hyde County

Age-Adjusted Rates (2008-2012)	No. of Deaths	Hyde Co. Mortality Rate	Rate Difference from NC
1. Total Cancer	73	201.5	+27%
2. Diseases of the Heart	67	181.7	+4%
3. Cerebrovascular Disease	29	78.8	+75%
4. Chronic Lower Respiratory Disease	17	58.5	+26%
5. Diabetes Mellitus	13	44.7	2X
6. All Other Unintentional Injuries	12	41.3	+96%
7. Alzheimer's Disease	10	34.4	+17%
8. Unintentional Motor Vehicle Injuries	6	20.7	+45%
9. Nephritis, Nephrotic Syndrome, Nephrosis	4	13.8	-23%
10. Septicemia	2	6.9	-49%
10. Chronic Liver Disease and Cirrhosis	2	6.9	-26%
12. Suicide	1	3.4	-72%
12. AIDS	1	3.4	+10%
14. Pneumonia and Influenza	0	n/a	n/a
15. Homicide	0	n/a	n/a

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Leading Causes of Death: Gender Comparison

Hyde County Rank by Descending Overall Age-Adjusted Rate (2008-2012)	Rank Among Males	Rank Among Females	% Male Rate Difference from Females
1. Total Cancer	1	2	+55%
2. Diseases of the Heart	2	1	+31%
3. Cerebrovascular Disease	n/a	n/a	n/a
4. Chronic Lower Respiratory Disease	n/a	n/a	n/a
5. Diabetes Mellitus	n/a	n/a	n/a
6. All Other Unintentional Injuries	n/a	n/a	n/a
7. Alzheimer's Disease	n/a	n/a	n/a
8. Unintentional Motor Vehicle Injuries	n/a	n/a	n/a
9. Nephritis, Nephrotic Syndrome, Nephrosis	n/a	n/a	n/a
10. Septicemia	n/a	n/a	n/a
10. Chronic Liver Disease and Cirrhosis	n/a	n/a	n/a
12. Suicide	n/a	n/a	n/a
12. AIDS	n/a	n/a	n/a
	n/a	n/a	n/a
Overall Mortality Rate	---	---	+30%

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Leading Causes of Death – By Age

Age Group	Rank	Cause of Death in Hyde County (2008-2012)
00-19	1	Conditions originating in the perinatal period
	2	Pneumonitis/congenital anomalies/motor vehicle injuries/COPD
	3	Motor vehicle injuries
20-39	1	Motor vehicle injuries
	2	Cancer (all sites)/non-motor vehicle injuries
40-64	1	Cancer (all sites)
	2	Diseases of the heart
	3	Cerebrovascular disease/non-motor vehicle injuries
65-84	1	Cancer (all sites)
	2	Diseases of the heart
	3	Cerebrovascular disease
85+	1	Diseases of the heart
	2	Cerebrovascular disease
	3	Cancer (all sites)

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Mortality Trends, 2001-2005 to 2008-2012

Leading Cause of Death in Hyde County	Overall Trend Direction
1. Total Cancer	▼
2. Diseases of the Heart	▼
3. Cerebrovascular Disease	▲▲
4. Chronic Lower Respiratory Disease	▲
5. Diabetes Mellitus	▼▼
6. All Other Unintentional Injuries	▲
7. Alzheimer's Disease	▲▲▲
8. Unintentional Motor Vehicle Injuries	▲
9. Nephritis, Nephrotic Syndrome, Nephrosis	▼▼
10. Septicemia	▲
10. Chronic Liver Disease and Cirrhosis	n/c
12. Suicide	▼▼
12. AIDS	▲
14. Pneumonia and Influenza	▼▼
15. Homicide	▼▼

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Site-Specific Cancer Trends 1996-2000 to 2007-2011

Cancer Site	Parameter	Overall Trend Direction
Lung Cancer	Incidence	▲▲▲
	Mortality	▲
Breast Cancer	Incidence	▲
	Mortality	▼
Prostate Cancer	Incidence	▲
	Mortality	▲
Colorectal Cancer	Incidence	▲
	Mortality	▼

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Morbidity

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Communicable Disease

In Hyde County for the period 2011-2013:

- **The most commonly-reported communicable diseases were:**
 - *Vibrio* sp. infection (1 case)
 - Salmonellosis (1 case)
 - Rocky Mountain spotted fever (1 case)
- **The most commonly-reported STIs were:**
 - Chlamydia (41 cases)
 - Gonorrhea (8 cases)
 - Non-gonococcal urethritis (2 cases)

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Adult Obesity

- Prevalence of diagnosed obesity among adults in Hyde County changed little over the four years cited.

Prevalence of Diagnosed Obesity among Adults

Location	Estimated Prevalence, Number and Percent (Age-adjusted)							
	2007		2008		2009		2010	
	#	%	#	%	#	%	#	%
Hyde County	1,288	31.2	1,281	30.8	1,330	32.2	1,330	31.3
Alleghany County	2,242	25.9	2,314	26.7	2,146	25.0	2,146	25.0
State of NC	n/a	56.8	n/a	56.4	n/a	57.1	n/a	57.4

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Childhood Obesity

- **Overweight and Obesity among Hyde County 7th Graders (SY2010-11)**
 - 50% were overweight or obese
 - 50% were of normal weight
- **Overweight and Obesity in Mattamuskeet Middle School (SY2013-14)**
 - 24% were overweight
 - 13% were obese
 - 11% were extremely obese
- **Overweight and Obesity in Hyde County 2-4 Year Olds (NC-NPASS)**
 - 30% were overweight or obese in 2012
 - 34% were overweight or obese in 2010

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Adult Diabetes

- Prevalence of diagnosed diabetes among adults has been higher in Hyde County than statewide.
- Prevalence in Hyde County has increased only slightly since 2007.

Prevalence of Diagnosed Diabetes among Adults

Location	Estimated Prevalence, Number and Percent (Age-adjusted)							
	2007		2008		2009		2010	
	No.	%	No.	%	No.	%	No.	%
Hyde County	495	12.0	510	12.3	518	12.5	566	12.2
Alleghany County	926	10.7	899	10.4	923	10.8	992	11.4
State Total	n/a	9.0	n/a	9.1	n/a	9.2	n/a	9.3

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Oral Health

- **2011 Hyde County Community Health Survey respondents who reported that accessing dental care was a “challenge”:**
 - 13% (62 of 461)
- **Patients served by *Miles of Smiles* Dental Van:**
 - 2011-12: 119
- **Visits to area hospital EDs for disorders of teeth and gums:**
 - 2011-2013: 25 (20 at Vidant Pungo)

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Mental Health

- From 2008 through 2011, the number of Hyde County residents served by the **Area Mental Health Program** averaged 146/year. In 2012, only 61 persons were served.
- Over the same period, admissions of Hyde County residents to **NC State Psychiatric Hospitals** averaged 4/year. In 2012 there was 1 such admission.
- From 2011-2013 there were 60 **total area hospital ED admissions** for mental, behavioral and neurodevelopmental disorders (including alcohol- and drug-related diagnoses).
 - Anxiety, dissociative and somatoform disorders: 14
 - Episodic mood disorders (including bipolar disorder): 6
 - Special symptoms and syndromes not elsewhere classified: 6
 - Schizophrenic disorders: 3
 - Acute reaction to stress: 3
 - Depressive disorders not elsewhere classified: 2

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Substance Abuse

- From 2008 through 2011, the number of Hyde County residents served by **NC State Alcohol and Drug Treatment Centers** averaged 6/year. In 2012, only 2 persons were served.
- From 2011-2013, there were numerous **area hospital ED admissions** for conditions specifically related to drugs and alcohol. Three-year totals include:
 - Non-dependent abuse of drugs: 12
 - Alcohol-dependence syndrome: 6
 - Drug-induced mental disorders: 3
 - Alcohol-induced mental disorders: 2
 - Drug dependence: 1

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“Watch List” of Health Problems

- **Alzheimer’s disease** – the overall mortality rate tripled in the last several years, and is significantly higher among females than males.
- **Cerebrovascular disease (stroke)** – the overall mortality rate doubled overall between 2001-2005 and 2008-2012. The rate has increased significantly among both males and females.
- **Unintentional injuries** – mortality rates have increased both for motor vehicle and non-motor vehicle injuries; the mortality rates for both are higher among males than females.

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“Watch List” of Health Problems (continued)

- **Lung cancer** – the mortality rate is increasing, and the incidence rate has tripled over the last decade.
- **Prostate cancer** – both the mortality and incidence rates have been increasing.
- **Colon cancer** – although the mortality rate has fallen significantly, the incidence rate is increasing.
- **Breast cancer** – although the mortality rate has fallen, the incidence rate is increasing.

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Hyde County Populations at Risk for Poor Health Outcomes

- People without a “medical home”: low medical provider ratios and utilization of area hospital EDs for “routine” health problems are indicators that many people in Hyde County do not have a stable medical home. This problem will be exacerbated with the closure of Vidant Pungo Hospital.
- People who abuse alcohol and drugs, and persons with mental health disorders: utilization of the EDs and falling utilization rates for the LMEs might indicate that many people are not connected to/do not know how to/do not want to connect to the local LME.

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Hyde County Populations at Risk for Poor Health Outcomes

- The growing elderly population in Hyde County: there is an apparent lack of nursing home and assisted living housing options for the elderly as they reach the point they can no longer care for themselves.
- All uninsured or underinsured Hyde County residents: these populations have difficulty accessing the few health care providers are available.

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Hyde County Populations at Risk for Poor Health Outcomes

- Males, who suffer mortality and morbidity at higher rates than females.
- People without reliable transportation (including the elderly and the poor) because transportation is key to accessing health care in large, rural Hyde County.
- Minority populations, who suffer most of the consequences of poverty and ill-health cited in this report at the highest rates.

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APPENDICES

APPENDIX 1: *DATA WORKBOOK*

APPENDIX 2: *CONSULTANT'S SECONDARY DATA SUMMARY PRESENTATION*

**APPENDIX 3: *2014 HYDE COUNTY COMMUNITY HEALTH NEEDS ASSESSMENT
PRIMARY DATA EXECUTIVE SUMMARY***

APPENDIX 1

DATA WORKBOOK

Demographic Data

Population

General Demographic Characteristics (2010 US Census)

Location	Total Population	Number Males	% Population Male	Median Age Males	Number Females	% Population Female	Median Age Females	Overall Median Age
Hyde County	5,810	3,226	55.5	38.6	2,584	44.5	45.9	41.2
Alleghany County	11,155	5,532	49.6	44.3	5,623	50.4	47.5	45.9
State of NC	9,535,483	4,645,492	48.7	36.0	4,889,991	51.3	38.7	37.4

Note: percentages by gender are calculated.

Source: US Census Bureau, American Fact Finder, 2010 Census, Summary File DP-1, 2010 Demographic Profile Data, Profile of General Population and Housing Characteristics: 2010; <http://factfinder2.census.gov>.

Population Distribution by Age and Gender, Number and Percent (2010 US Census)

Age Group	Hyde County						North Carolina					
	No. in Population			% of Total Population			No. in Population			% of Total Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages	5,810	3,226	2,584	100.0	55.5	44.5	9,535,483	4,645,492	4,889,991	100.0	48.7	51.3
Under 5	293	155	138	5.0	2.7	2.4	632,040	322,871	309,169	6.6	3.4	3.2
5 to 9	297	151	146	5.1	2.6	2.5	635,945	324,900	311,045	6.7	3.4	3.3
10 to 14	303	157	146	5.2	2.7	2.5	631,104	322,795	308,309	6.6	3.4	3.2
15 to 19	288	135	153	5.0	2.3	2.6	659,591	338,271	321,320	6.9	3.5	3.4
20 to 24	304	202	102	5.2	3.5	1.8	661,573	336,648	324,925	6.9	3.5	3.4
25 to 29	434	299	135	7.5	5.1	2.3	627,036	311,499	315,537	6.6	3.3	3.3
30 to 34	436	308	128	7.5	5.3	2.2	619,557	304,807	314,750	6.5	3.2	3.3
35 to 39	448	286	162	7.7	4.9	2.8	659,843	324,681	335,162	6.9	3.4	3.5
40 to 44	393	230	163	6.8	4.0	2.8	667,308	329,652	337,656	7.0	3.5	3.5
45 to 49	414	243	171	7.1	4.2	2.9	698,753	341,432	357,321	7.3	3.6	3.7
50 to 54	459	245	214	7.9	4.2	3.7	669,893	323,702	346,191	7.0	3.4	3.6
55 to 59	497	259	238	8.6	4.5	4.1	600,722	285,244	315,478	6.3	3.0	3.3
60 to 64	369	178	191	6.4	3.1	3.3	538,039	255,034	283,005	5.6	2.7	3.0
65 to 69	270	143	127	4.6	2.5	2.2	403,024	188,125	214,899	4.2	2.0	2.3
70 to 74	214	97	117	3.7	1.7	2.0	294,543	133,021	161,522	3.1	1.4	1.7
75 to 79	170	66	104	2.9	1.1	1.8	223,655	94,981	128,674	2.3	1.0	1.3
80 to 84	101	41	60	1.7	0.7	1.0	165,396	63,573	101,823	1.7	0.7	1.1
85 and older	120	31	89	2.1	0.5	1.5	147,461	44,256	103,205	1.5	0.5	1.1

US Census Bureau, American FactFinder, 2010 Census, 2010 Demographic Profile Data, Summary File DP-1, Profile of General Population and Housing Characteristics: 2010 (Geographies as noted); <http://factfinder2.census.gov>.

APPENDIX 1

Growth Trend for Elderly (Age 65 and Older) Population, by Decade, 2010 through 2030

Location	2010 Census								
	Total Population (2010)	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Hyde County	5,810	875	15.1	484	8.3	271	4.6	120	2.1
Alleghany County	11,155	2,304	20.7	1,282	11.5	754	6.8	268	2.4
State of NC	9,535,483	1,234,079	12.9	697,567	7.3	389,051	4.1	147,461	1.5
Source	2	2	2	2	5	2	5	2	5

Location	2020 (Projected)								
	Total Projected Population	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Hyde County	5,906	1,279	21.7	782	13.2	353	6.0	144	2.4
Alleghany County	10,272	2,762	26.9	1,484	14.4	918	8.9	360	3.5
State of NC	10,614,862	1,763,950	16.6	1,051,688	9.9	519,963	4.9	192,299	1.8
Source	3	3	5	3	5	3	5	3	5

Location	2030 (Projected)								
	Total Projected Population	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Hyde County	5,994	1,495	24.9	742	12.4	571	9.5	182	3.0
Alleghany County	9,390	2,742	29.2	1,243	13.2	1,060	11.3	439	4.7
State of NC	11,629,556	2,262,855	19.5	1,241,404	10.7	765,598	6.6	255,853	2.2
Source	4	4	5	4	5	4	5	4	5

2 - US Census Bureau, American FactFinder. Profile of General Population and Housing Characteristics: 2010 (DP-1);

<http://factfinder2.census.gov>.

3 - NC Office of State Budget and Management, County/State Population Projections. Age, Race, and Sex Projections, Age Groups - Total, July 1, 2020 County Total Age Groups - Standard;

http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/county_projections.shtm.

4 - NC Office of State Budget and Management, County/State Population Projections. Age, Race, and Sex Projections, Age Groups - Total, July 1, 2030 County Total Age Groups - Standard;

http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/county_projections.shtm.

5 - Percentages calculated using age group population as numerator and total population as denominator

Economic and Sociodemographic Data

Income Measures

Location	2012 Projected Per Capita Personal Income	Per Capita Income Difference from State	2012 Projected Median Household Income	Median Household Income Difference from State	2011 Est Median Family Income	Median Family Income Difference from State
Hyde County	\$18,291	-\$5,664	\$33,768	-\$10,148	\$42,121	-\$10,799
Alleghany County	\$19,640	-\$4,315	\$32,927	-\$10,989	\$40,092	-\$12,828
State of NC	\$23,955	n/a	\$43,916 ¹	n/a	\$52,920 ¹	n/a

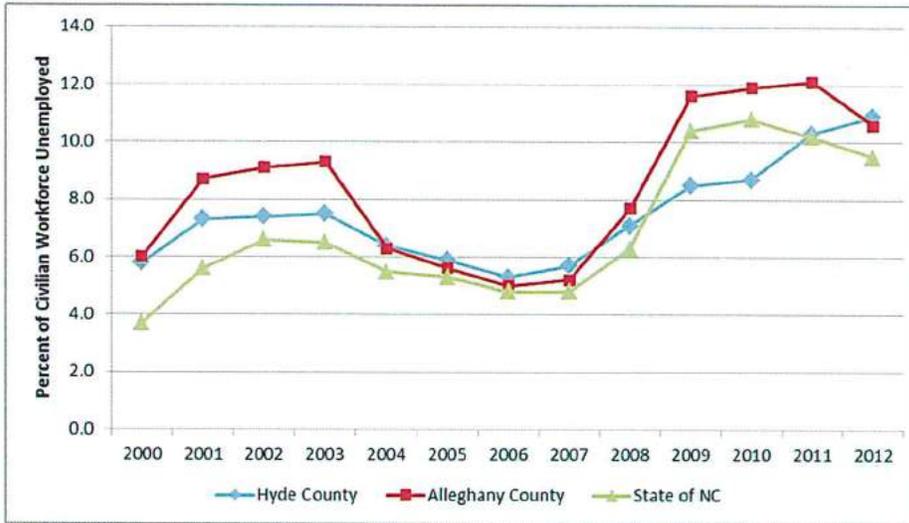
Source (except as noted): NC Department of Commerce, AccessNC, Community Demographics, County Report, County Profile, <http://accessnc.commerce.state.nc.us/EDIS/page1.html>.

¹ US Census Bureau, American Fact Finder, American Community Survey, 2012 ACS 5-Year Estimate.

<http://factfinder2.census.gov>.

APPENDIX 1

Annual Unemployment Rate (2000-2012)



Note: 2012 figures represent the average monthly rate from January through September.
 Source: NC Employment Security Commission, Labor Market Information, Workforce Information, Employed, Unemployed and Unemployment Rates, Labor Force Statistics, Single Areas for All Years;
<http://eslmi03.esc.state.nc.us/ThematicLAUS/clfasp/startCLFSAAAY.asp>.

Annual Poverty Rate, 100% Level (1970-2000; 2006-2010, 2007-2011 and 2008-2012 Five-Year Estimates)

Location	Percent of All People in Poverty						
	1970	1980	1990	2000	2006-2010	2007-2011	2008-2012
Hyde County	42.2	28.3	24.0	15.4	20.4	25.1	23.3
Alleghany County	30.0	19.6	20.1	17.2	26.2	22.6	20.9
State of NC	20.3	14.8	13.0	12.3	15.5	16.1	16.8

Source: a - Log Into North Carolina (LINC) Database, Topic Group Employment and Income (Data Item 6094); http://data.osbm.state.nc.us/pls/linc/dyn_linc_main.show.
 b - US Census Bureau, American Fact Finder, American Community Survey, 2010 ACS 5-Year Estimates, Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>.
 c - US Census Bureau, American Fact Finder, American Community Survey, 2011 ACS 5-Year Estimates, Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>.
 d - US Census Bureau, American Fact Finder, American Community Survey, 2012 ACS 5-Year Estimates, Table DP03: Selected Economic Characteristics, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>.

Persons in Poverty by Race, 100% Level (2006-2010, 2007-2011 and 2008-2012 Five-Year Estimates)

Location	2006-2010				2007-2011				2008-2012			
	Total No. in Poverty	Total % in Poverty	% White in Poverty	% Black in Poverty	Total No. in Poverty	Total % in Poverty	% White in Poverty	% Black in Poverty	Total No. in Poverty	Total % in Poverty	% White in Poverty	% Black in Poverty
Hyde County	871	20.4	12.3	47.8	1,224	25.1	10.5	63.3	1,150	23.3	10.9	54.8
Alleghany County	2,866	26.2	22.1	0.0	2,444	22.6	21.0	18.5	2,260	20.9	19.1	35.6
State of NC	1,399,945	15.5	11.2	25.6	1,473,556	16.1	11.8	26.1	1,536,464	16.8	12.5	26.8

Source - US Census Bureau, American Fact Finder, American Community Survey, 2010, 2011 and 2012 ACS 5-Year Estimates, Table S1701: Poverty Status in the Past 12 Months. Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>.

APPENDIX 1

Persons in Poverty by Age, 100% Level (2006-2010, 2007-11 and 2008-2012 Five-Year Estimates)

Location	2006-2010				2007-2011				2008-2012			
	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty
Hyde County	20.4	32.6	21.3	29.8	25.1	44.2	25.6	26.4	23.3	47.8	31.9	22.7
Alleghany County	26.2	48.9	29.4	13.7	22.6	50.6	32.4	12.2	20.9	43.6	30.0	13.0
State of NC	15.5	25.5	21.3	10.7	16.1	26.4	22.3	10.3	16.8	28.0	23.5	10.2

Source - US Census Bureau, American Fact Finder, American Community Survey, 2010, 2011 and 2012 ACS 5-Year Estimates, Table S1701: Poverty Status in the Past 12 Months. Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>.

Estimated Housing Cost as Percent of Household Income (2005-09 and 2008-2012 Five-Year Estimates)

Location	Renter Occupied Units						Mortgaged Housing Units					
	2005-2009			2008-2012			2005-2009			2008-2012		
	Total Units	Units Spending >30% Household Income on Housing		Total Units	Units Spending >30% Household Income on Housing		Total Units	Units Spending >30% Household Income on Housing		Total Units	Units Spending >30% Household Income on Housing	
	#	%	#	%	#	%	#	%	#	%	#	%
Hyde County	377	110	29.2	397	199	50.1	789	335	42.5	673	222	33.0
Alleghany County	924	485	52.5	928	546	58.8	1,655	708	42.8	1,657	652	39.3
State of NC	1,131,480	486,934	43.0	1,095,577	554,428	50.6	1,634,410	513,340	31.4	1,658,483	539,993	32.6

Source 1 - US Census Bureau, American FactFinder, American Community Survey, 2009 ACS 5-Year Estimates. Table DP04: Selected Housing Characteristics (geographies as listed). <http://factfinder2.census.gov>.
 2 - US Census Bureau, American FactFinder, American Community Survey, 2012 ACS 5-Year Estimates. Table DP04: Selected Housing Characteristics (geographies as listed). <http://factfinder2.census.gov>.
 3 - Percentages are calculated.

Housing by Type (2008-2012 Five-Year Estimate)

Location	2008-2012 Estimate													
	Total Housing Units		Vacant Housing Units		Occupied Housing Units		Owner Occupied Units		Median Monthly Housing Cost, Homes With Mortgage	Renter Occupied Units		Median Gross Monthly Rent	Mobile Home Units	
	No.	%	No.	%	No.	%	No.	%	\$	No.	%	\$	No.	%
Hyde County	3,241	38.8	1,259	38.8	1,982	61.2	1,454	73.4	\$895	528	26.6	\$614	788	24.3
Alleghany County	8,050	40.0	3,256	40.0	4,794	59.6	3,547	74.0	\$1,105	1,247	26.0	\$538	1,138	14.1
State of NC	4,325,088	14.6	631,867	14.6	3,693,221	85.5	2,477,360	67.1	\$1,287	1,215,861	32.9	\$759	599,924	13.9

Source - US Census Bureau, American Fact Finder, American Community Survey, 2012 ACS 5-Year Estimates, Table DP04: Selected Housing Characteristics (geographies as listed). <http://factfinder2.census.gov>.

K-12 Public School Enrollment (SY2006-07 through SY2012-13)

Location	Number of Students						
	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12	SY2012-13
Hyde County Schools	679	656	641	604	585	610	583
Alleghany County Schools	1,642	1,641	1,569	1,566	1,516	1,490	1,458
State of NC	1,452,420	1,458,156	1,456,558	1,446,650	1,450,435	1,458,572	1,467,297

Source: NC Department of Public Instruction, Data and Statistics, Education Data: NC Statistical Profile. NC Statistical Profile Online: Local Education Agencies Information, Pupil Accounting. <http://apps.schools.nc.gov/pls/apex/f?p=1:1:497147721913602>.

APPENDIX 1

Educational Attainment

Location	% Population High School Graduate or Higher	% Population Bachelor's Degree or Higher	% 3rd Graders At or Above Grade Level, ABCs EOG Reading Test	% 3rd Graders At or Above Grade Level, ABCs EOG Math Test	% 8th Graders At or Above Grade Level, ABCs EOG Reading Test	% 8th Graders At or Above Grade Level, ABCs EOG Math Test	SAT Participation Rate	Average Total SAT Scores
	2008-2012	2008-2012	SY2011-12	SY2011-12	SY2011-12	SY2011-12	SY2011-12	SY2011-12
Hyde County	77.1	13.2	72.5	70.0	77.8	>95	52%	953
Alleghany County	76.2	14.9	79.4	92.8	76.8	92.8	49%	979
State of NC	84.5	26.8	68.8	82.8	71.1	85.2	68%	997

Source:

a - US Census Bureau, American Fact Finder, American Community Survey, 2012 ACS 5-Year Estimates, Data Profiles, Detailed Tables, Selected Social Characteristics, Educational Attainment, by State or County; <http://factfinder.census.gov>.

b - NC Department of Public Instruction, Data and Statistics, Education Data, NC School Report Cards. District Profile; Charter School Profiles; <http://www.ncreportcards.org/src/>.

High School Drop-Out Rate (SY2004-05 through SY2011-12)

Location	Drop-Out Rate							
	SY2004-05	SY2005-06	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12
Hyde County Schools	0.50	3.16	5.19	3.69	2.97	6.95	1.76	2.33
Alleghany County Schools	5.36	2.69	3.09	4.09	3.04	4.56	4.13	1.41
State of NC	4.74	5.04	5.27	4.97	4.27	3.75	3.43	3.01

Source: NC Department of Public Instruction, Research and Evaluation, Dropout Data and Collection Process, Annual Dropout Reports; <http://www.ncpublicschools.org/research/dropout/reports/>.

Other Criminal Activity

Location	No. Registered Sex Offenders (2/13/14)	No. Gangs	No. Methamphetamine Lab Busts									
			2013	2005	2006	2007	2008	2009	2010	2011	2012	2013
			Hyde County	10	0	0	2	0	0	0	0	0
Alleghany County	11	0	2	1	0	0	0	0	1	2	1	
State of NC	14,028	982	328	197	157	197	206	235	344	460	561	

Source:

a - NC Department of Justice, Sex Offender Statistics, Offender Statistics; <http://sexoffender.ncdoj.gov/stats.aspx>.

b - NC Department of Crime Control and Public Safety, Governor's Crime Commission, Publications, Gangs in North Carolina 2013: An Analysis of GangNET Data, March 2013, Appendix 2. <https://www.ncdps.gov/div/GCC/PDFs/Pubs/Gangs2013.pdf>.

c - NC Department of Justice, State Bureau of Investigation, Crime, Enforce Drug Laws, Meth Focus, Meth Lab Busts; <http://www.ncdoj.gov/getdoc/b1f6f30e-df89-4679-9889-53a3f185c849/Meth-Lab-Busts.aspx>.

Juvenile Justice Complaints (2011 and 2012)

Location	Complaints								Outcomes					
	No. Undisciplined		No. Delinquent		Rate Undisciplined (Complaints per 1,000 Ages 6 to 17)		Rate Delinquent (Complaints per 1,000 Age 6 to 15)		No. Sent to Secure Detention		No. Sent to Youth Development Center		No. Transferred to Superior Court	
	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012
Hyde County	5	0	0	8	7.2	0.0	0.0	13.4	1	0	0	0	0	0
Alleghany County	7	8	39	42	4.6	5.3	31.3	34.1	9	3	1	1	0	0
State of NC	3,603	3,194	33,556	31,575	2.3	2.5	26.1	24.7	3,558	2,767	307	216	28	36

Source: NC Department of Juvenile Justice and Delinquency Prevention, Statistics and Legislative Reports, County Databooks (Search by Year); <https://www.ncdps.gov/index2.cfm?a=000003.002476.002483.002482.002506.002523>.

APPENDIX 1

Sexual Assault Complaint Trend (FY2004-05 through FY2011-12)

Location	No. of Individuals Filing Complaints ("Clients")							
	FY2004-05	FY2005-06	FY2006-07	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Hyde County	1	4	3	2	*	7	6	15
Alleghany County	14	11	9	2	12	13	35	52
State of NC	8,564	8,721	7,444	6,527	8,494	13,392	13,881	13,214

"n/a" Program submitted no data.

Source: NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, County Statistics (years as noted); <http://www.doa.state.nc.us/cfw/stats.htm>.

Domestic Violence Complaint Trend (FY2004-05 through FY2011-12)

Location	No. of Individuals Filing Complaints ("Clients")							
	FY2004-05	FY2005-06	FY2006-07	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Hyde County	36	41	40	17	*	80	123	142
Alleghany County	104	124	59	90	107	141	139	146
State of NC	50,726	48,173	47,305	41,787	51,873	66,320	61,283	51,563

Source: NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, County Statistics (years as noted); <http://www.doa.state.nc.us/cfw/stats.htm>.

Reports of Child Abuse and Neglect, Hyde County (FY2004-05 through FY2012-13)

Category	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Total No. of Findings of Abuse, Neglect, Dependency	14	20	7	3	3	9	17	5	1
No. Substantiated ¹ Findings of Abuse and Neglect	1	1	1	0	0	0	0	0	0
No. Substantiated Findings of Abuse	0	1	0	0	0	2	0	0	0
No. Substantiated Findings of Neglect	5	2	0	3	0	1	1	3	0
Services Recommended	0	0	1	0	0	2	2	0	0
No. Unsubstantiated Findings	8	18	5	0	3	4	13	1	1
Services Not Recommended	0	0	0	0	0	0	0	1	0

Source: Child Welfare, Reports of Abuse and Neglect section, Reports of Abuse and Neglect Type of Finding/Decision (Not Exclusive) (Longitudinal Data); http://sasweb.unc.edu/cgi-bin/broker?_service=default&_program=cwweb.tbReport.sas&county=Alamance&label=County&format=html&entry=10&type=CHILD&fn=FRST&vtype=xfind.

Adult Protective Services Survey Results (2009, 2011)

Location	2009											
	Reports Received	Screened In	Screened Out	Information & Referral	Outreach	Law Enforcement	DHSR/Home Specialist	District Attorney	VA	Div. Medical Assistance	Social Security	No. Staff Perf. APS Tasks
Hyde County	6	4	2	2	1	0	0	0	0	0	0	1
Alleghany County	46	34	12	1	12	0	1	0	0	0	0	1
State of NC	17,073	9,835	7,239	2,443	2,640	471	568	488	34	42	134	542

Location	2011											
	Reports Received	Screened In	Screened Out	Information & Referral	Outreach	Law Enforcement	DHSR/Home Specialist	District Attorney	VA	Div. Medical Assistance	Social Security	No. Staff Perf. APS Tasks
Hyde County	11	8	3	2	2	1	0	1	0	0	0	2
Alleghany County	51	38	13	0	9	0	0	0	0	0	2	2
State of NC	19,635	10,929	8,706	2,665	2,736	725	475	651	33	30	152	559

Source: NC DHHS Division of Aging and Adult Services. Adult Protective Services. APS Survey Data, 2009 and 2011. http://www.ncdhhs.gov/aging/adultsvcs/afs_aps.htm.

APPENDIX 1

Environmental Data

Air Quality Index Summary, 2013

Location	No. Days with AQI	Number of Days When Air Quality Was:					Number of Days When Air Pollutant Was:					
		Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Very Unhealthy	CO	NO2	O3	SO2	PM2.5	PM10
Hyde County	46	44	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	46	n/a
Alleghany County				No report								
State of NC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Source - Air Quality Index Reports, 2013. US EPA Air Data website: http://www.epa.gov/airdata/ad_rep_aqi.html.

Population Served by Active Water Systems (2014)

Type of System	Total Population Served	Primary Water Source Type	Health Violations 2004-2014
Community Water Systems			
Hyde County Water System	5,197	Groundwater	None
Ocracoke Sanitary District	800	Groundwater	None
Total	5,997		
Non-Transient, Non-Community Water Systems			
None			
Total	0		
Transient, Non-Community Water Systems			
DOT-Hatteras Ferry South Dock	100	Groundwater	None
Total	100		

Source: *Safe Drinking Water Search for the State of North Carolina*. Retrieved on April 9, 2014 from US EPA Envirofacts Safe Drinking Water Information System (SDWIS) website: <http://www.epa.gov/envirofacts/sdwis/search.html>.

Solid Waste Disposal, FY2008-09 through FY2012-13

Location	MSW Tons Managed 1991-92	MSW Tons Disposed					Base Year Per Capita (1991-92)	Per Capita Rate 2012-13	% Change Base Year to 2012-13
		2008-09	2009-10	2010-11	2011-2012	2012-2013			
Hyde County	2,762	5,658	4,831	5,409	6,059	4,908	0.50	0.86	72
Alleghany County	14,131	8,689	8,390	8,612	8,287	7,825	1.45	0.71	-51
State of NC	7,257,428	9,910,031	9,395,457	9,467,045	9,443,380	9,149,130	1.07	0.94	-12

Source: NC Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Program, NC Solid Waste Management Annual Reports, County Per Capita Report, Fiscal Year 2012-2013; http://portal.ncdenr.org/c/document_library/get_file?p_l_id=4649434&folderId=15429422&name=DLFE-80542.pdf.

Health Data

Maternal and Child Health

Total Pregnancy, Fertility and Abortion Rates, Ages 15-44 (Single Years, 2008-2012)

Location	Females Ages 15-44														
	2008			2009			2010			2011			2012		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
Hyde County	80.5	67.7	12.8	63.0	51.9	11.1	84.2	72.4	11.9	72.1	62.5	9.6	64.7	58.7	6.0
Alleghany County	56.9	52.6	3.8	68.4	62.2	6.2	61.8	58.3	3.5	50.2	49.6	0.6	58.2	54.0	4.3
State of NC	83.9	69.1	14.4	78.9	65.1	13.4	76.4	62.7	13.2	73.3	61.5	11.4	72.1	61.0	10.7

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2010-2014). Pregnancy and Live Births, Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Pregnancy, Fertility and Abortion Rates, Ages 15-44, Stratified by Race/Ethnicity (Single Years, 2010-2012)

Location	Females Ages 15-44								
	2010			2011			2012		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
Hyde County Total	84.2	72.4	11.9	72.1	62.5	9.6	64.7	58.7	6.0
White, Non-Hispanic	72.9	65.3	7.7	75.6	67.8	7.8	80.8	75.2	5.6
African American, Non-Hispanic	96.2	76.9	19.2	48.5	38.8	9.7	36.5	31.3	5.2
Other, Non-Hispanic	250.0	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hispanic	109.1	90.9	18.2	94.3	84.9	9.4	28.0	28.0	0.0
Alleghany County Total	61.8	58.3	3.5	50.2	49.6	0.6	58.2	54.0	4.3
White, Non-Hispanic	57.7	53.7	4.0	43.4	42.7	0.7	52.9	49.3	3.5
African American, Non-Hispanic	71.4	71.4	0.0	40.0	40.0	0.0	83.3	41.7	41.7
Other, Non-Hispanic	0.0	0.0	0.0	0.0	0.0	0.0	58.8	58.8	0.0
Hispanic	101.7	101.7	0.0	113.0	113.0	0.0	99.4	93.6	5.8
State of NC Total	76.4	62.7	13.2	73.3	61.5	11.4	72.1	61.0	10.7
White, Non-Hispanic	65.6	57.1	8.2	63.6	56.4	7.0	63.0	56.1	6.6
African American, Non-Hispanic	86.1	61.0	24.4	81.5	59.7	21.1	79.6	59.1	19.8
Other, Non-Hispanic	84.5	71.3	12.8	80.6	69.4	10.9	79.7	69.7	9.5
Hispanic	114.0	99.0	14.7	106.6	94.0	12.2	102.6	91.4	10.8

Note: Bold type indicates an unstable rate based on a small number (fewer than 10 cases)
 Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2012-2014). Pregnancy and Live Births. Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Total Pregnancy, Fertility and Abortion Rates, Ages 15-19 (Single Years, 2008-2012)

Location	Females Ages 15-19														
	2008			2009			2010			2011			2012		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
Hyde County	39.8	34.1	5.7	21.7	10.9	10.9	32.7	26.1	6.5	61.2	61.2	0.0	59.3	51.9	7.4
Alleghany County	80.2	77.2	3.1	96.0	82.8	13.2	54.8	51.6	3.2	25.0	21.9	3.1	59	49.2	9.8
State of NC	58.6	45.7	12.5	56.0	43.4	12.2	49.7	38.3	11.0	43.8	34.8	8.7	39.6	31.8	7.6

Note: Bold type indicates an unstable rate based on a small number (fewer than 10 cases)
 Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2008-2014). Pregnancy and Live Births. Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Pregnancy, Fertility and Abortion Rates, Ages 15-19, Stratified by Race/Ethnicity (Single Years, 2010-2012)

Location	Females Ages 15-19								
	2010			2011			2012		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
Hyde County Total	32.7	26.1	6.5	61.2	61.2	0.0	59.3	51.9	7.4
White, Non-Hispanic	11.6	11.6	0.0	88.6	88.6	0.0	50.0	50.0	0.0
African American, Non-Hispanic	52.6	35.1	17.5	18.5	18.5	0.0	75.0	50.0	25.0
Other, Non-Hispanic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hispanic	100.0	100.0	0.0	71.4	71.4	0.0	66.7	66.7	0.0
Alleghany County Total	54.8	51.6	3.2	25.0	21.9	3.1	59.0	49.2	9.8
White, Non-Hispanic	45.3	41.5	3.8	22.9	19.1	3.8	43.5	35.6	7.9
African American, Non-Hispanic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other, Non-Hispanic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hispanic	122.0	122.0	0.0	45.5	45.5	0.0	170.7	146.3	24.4
State of NC Total	49.7	38.3	11.0	43.8	34.8	8.7	39.6	31.8	7.6
White, Non-Hispanic	34.4	27.2	7.0	30.8	25.2	5.5	28.3	23.1	5.1
African American, Non-Hispanic	70.2	50.9	18.7	61.6	45.5	15.6	55.0	41.4	13.1
Other, Non-Hispanic	48.9	38.8	9.5	39.4	32.9	6.4	36.4	29.8	6.3
Hispanic	82.7	70.6	11.7	71.1	62.7	8.2	62.0	55.7	6.2

Note: Bold type indicates an unstable rate based on a small number (fewer than 10 cases).
 Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2012-2014). Pregnancy and Live Births. Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Number of Teen Pregnancies (Ages 15-19) (Single Years, 2004-2012)

Location	Number of Pregnancies, Ages 15-19									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Hyde County	9	11	14	10	7	4	5	9	8	
Alleghany County	16	11	17	21	26	29	17	8	18	
State of NC	18,143	18,259	19,192	19,615	19,398	18,142	15,957	13,909	12,535	

Source: NC State Center for Health Statistics, North Carolina Health Data Query System. Pregnancy Data. North Carolina Reported Pregnancy Data (2004-2012), Counties and age groups as indicated; <http://www.schs.state.nc.us/schs/data/preg/preg.cfm>.

High Parity and Short Interval Births (Single Five-Year Aggregate Period, 2008-2012)

Location	High Parity Births				Short Interval Births	
	Mothers < 30		Mothers ≥ 30		No. ³	% ⁴
	No. ¹	% ²	No. ¹	% ²		
Hyde County	23	14.6	31	31.3	19	10.2
Alleghany County	74	21.0	28	22.0	48	15.0
State of NC	66,159	16.6	47,781	21.5	52,829	12.9

Source: a a a a b b

¹ Number at risk due high parity

² Percent of all births with age of mother in category indicated

³ Number with interval from last delivery to conception of six months or less

⁴ Percent of all births excluding 1st pregnancies

a - NC State Center for Health Statistics, County-level Data, County Health Data Book (2013), Pregnancy and Births, 2007-2011 Number At Risk NC Live Births due to High Parity by County of Residence;

<http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, County-level Data, County Health Data Book (2013), Pregnancy and Births, 2007-2011 NC Live Births by County of Residence, Number with Interval from Last Delivery to Conception of Six Months or Less; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Smoking during Pregnancy Trend (Single Years, 2006-2012)

Location	Number and Percent of Births to Mothers Who Smoked Prenatally													
	2006		2007		2008		2009		2010		2011		2012	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Hyde County	11	15.1	8	15.4	6	11.3	7	16.7	n/a	n/a	8	15.4	7	14.3
Alleghany County	19	18.4	19	17.0	25	25.5	19	17.3	n/a	n/a	18	21.4	19	21.6
State of NC	14,668	11.5	14,426	11.0	13,621	10.4	12,975	10.2	n/a	n/a	13,159	10.9	12,727	10.6

Source: NC State Center for Health Statistics, Vital Statistics, Volume 1 (2006, 2007,-2008, 2009, 2010, 2011 and 2012):

Population, Births, Deaths, Marriages, Divorces, (geography as noted), Mother Smoked;

<http://www.schs.state.nc.us/schs/data/vitalstats.cfm>.

Women Receiving Prenatal Care in the First Trimester (Single Years, 2006-2012)

Location	Number and Percent of Women Receiving Prenatal Care in the First Trimester													
	2006		2007		2008		2009		2010		2011		2012	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Hyde County	65	89.0	43	82.7	46	86.8	33	78.6	n/a	n/a	33	63.5	35	71.4
Alleghany County	89	86.4	93	83.0	81	82.6	93	84.5	n/a	n/a	50	59.5	52	59.1
State of NC	104,528	81.9	105,849	80.9	107,183	82.0	105,626	83.3	n/a	n/a	85,706	71.2	85,380	71.3

Source: NC State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), North Carolina Residents (2006, 2007,-2008, 2009, 2010, 2011 and 2012) (geographies as noted): Table 6 (and others): County Resident Births by Month Prenatal Care Began, All Women; <http://www.schs.state.nc.us/schs/births/babybook/>.

APPENDIX 1

Low Birth-Weight Births (Five Year Aggregate Periods, 2006-2010 through 2008-2012)

Location	Percent of Low Birth Weight (≤ 2,500 Gram) Births														
	2006-2010					2007-2011					2008-2012				
	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic
Hyde County	10.0	8.2	12.0	0.0	14.7	8.8	7.0	13.6	0.0	8.6	8.6	7.8	13.8	0.0	3.1
Alleghany County	7.6	8.4	0.0	0.0	4.4	6.3	7.2	0.0	0.0	3.1	6.9	8.1	0.0	0.0	2.2
State of NC	9.1	7.7	14.4	9.3	6.3	9.1	7.7	14.3	9.4	6.5	9.0	7.6	14.1	9.3	6.5

Note: Bold type indicates an unstable rate based on a small number (fewer than 20 cases).

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2012, 2013, 2014), Pregnancy and Births, Low and Very Low Weight Births; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Total Infant Deaths (Five-Year Aggregate Periods, 2002-2006 through 2008-2012)

Location	Infant Deaths													
	2002-2006		2003-2007		2004-2008		2005-2009		2006-2010		2007-2011		2008-2012	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Hyde County	1	3.3	1	3.4	0	0.0	0	0.0	0	0.0	3	11.5	3	11.7
Alleghany County	5	10.2	6	12.0	6	11.5	5	9.4	4	7.6	4	7.9	2	4.2
State of NC	5,084	8.4	5,234	8.4	5,333	8.4	5,289	8.3	5,066	7.9	4,899	7.8	4,675	7.5

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Mortality, Infant Death Rates per 1,000 Live Births; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Infant Deaths, Stratified by Race/Ethnicity (Five-Year Aggregate Periods, 2006-2010 through 2008-2012)

Location	Infant Deaths					
	2006-2010		2007-2011		2008-2012	
	No.	Rate	No.	Rate	No.	Rate
Hyde County						
Total	0	0.0	3	11.5	3	11.7
White, Non-Hispanic	0	0.0	2	12.7	2	12.0
African American, Non-Hispanic	0	0.0	1	15.2	1	17.2
Other, Non-Hispanic	0	0.0	0	0.0	0	0.0
Hispanic	0	0.0	0	0.0	0	0.0
Alleghany County						
Total	4	7.6	4	7.9	2	4.2
White, Non-Hispanic	3	7.0	3	7.4	2	5.2
African American, Non-Hispanic	0	0.0	0	0.0	0	0.0
Other, Non-Hispanic	0	0.0	0	0.0	0	0.0
Hispanic	1	11.0	1	10.4	0	0.0
State of NC						
Total	5,066	7.9	4,899	7.8	4,675	7.5
White, Non-Hispanic	2,074	5.9	2,001	5.7	1,918	5.6
African American, Non-Hispanic	2,208	14.7	2,129	14.3	2,064	14.0
Other, Non-Hispanic	187	6.3	188	6.2	181	5.9
Hispanic	597	5.8	581	5.8	512	5.3

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2012-2014), Mortality, Infant Death Rates per 1,000 Live Births; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Life Expectancy

Life Expectancy at Birth, by Gender and Race (1990-1992 and 2010-2012)

Location	Life Expectancy in Years									
	Person Born in 1990-1992					Person Born in 2010-2012				
	Overall	Male	Female	White	African-American	Overall	Male	Female	White	African-American
Hyde County	72.2	68.4	76.0	74.2	68.4	76.7	77.5	74.6	76.9	75.9
Alleghany County	75.4	69.8	81.7	75.7	N/A	78.6	76.9	80.8	78.7	N/A
State of NC	74.9	71.0	78.7	76.4	69.8	78.2	75.7	80.6	78.7	75.9

Source: NC State Center for Health Statistics, County-level Data, Life Expectancy, State and County Estimates, Life Expectancy: North Carolina 1990-1992 and 2010-2012, State and County; <http://www.schs.state.nc.us/schs/data/lifexpectancy/>.

Leading Causes of Death

Overall Age-Adjusted Mortality Rates for the 15 Leading Causes of Death (Single Five-Year Aggregate Period, 2008-2012 or as Noted)¹

Rank/Cause of Death	Hyde County			Alleghany County			State of NC			United States (2011)	
	Number	Rate	Rank	Number	Rate	Rank	Number	Rate	Rank	Rate	Rank
1. Cancer	73	201.5	1	137	158.9	2	89,505	175.9	1	168.6	2
Trachea, Bronchus, and Lung	20	57.4	a	57	63.6	a	27,204	52.8	a	45.9	N/A
Prostate	5	31.0	b	16	54.7	b	4,356	23.4	b	8.3 ²	N/A
Colon, Rectum and Anus	8	27.5	c	11	19.9	c	7,561	14.9	d	15.3	N/A
Breast	3	23.2	d	4	14.3	d	6,357	22.2	c	12.0 ²	N/A
Pancreas	1	N/A	e	6	N/A	e	5,330	10.4	e	10.9	N/A
2. Diseases of the Heart	67	181.7	2	150	178.2	1	85,890	174.4	2	173.7	1
3. Cerebrovascular Disease	29	78.8	3	31	35.7	5	21,821	45.1	4	37.9	4
4. Chronic Lower Respiratory Disease	17	58.5	4	41	46.9	3	22,884	46.6	3	42.7	3
5. Diabetes Mellitus	13	44.7	5	22	24.6	8	10,984	21.8	7	21.5	7
6. All Other Unintentional Injuries	12	41.3	6	24	37.0	4	14,168	29.4	5	38.0	5
7. Alzheimer's Disease	10	34.4	7	25	29.5	6	13,746	29.3	6	24.6	6
8. Unintentional Motor Vehicle Injuries	6	20.7	8	13	23.5	9	6,875	14.3	10	10.9	N/A
9. Nephritis, Nephrotic Syndrome, and Nephrosis	4	13.8	9	11	19.9	11	8,795	18.0	8	13.4	9
10. Septicemia	2	6.9	10	9	16.3	12	6,597	13.4	11	10.5	11
11. Chronic Liver Disease and Cirrhosis	2	6.9	10	8	14.5	13	4,926	9.3	13	9.7	12
12. Suicide	1	3.4	12	13	23.5	9	5,958	12.2	12	12.0	10
13. Acquired Immune Deficiency Syndrome	1	3.4	12	0	N/A	15	1,560	3.1	15	2.4	N/A
14. Pneumonia and Influenza	0	N/A	N/A	15	27.1	7	8,710	18.0	8	15.7	8
15. Homicide	0	N/A	N/A	2	3.6	14	2,846	6.0	14	3.6	N/A
Total Deaths All Causes (Some causes are not listed above)	295	828.0	N/A	634	779.8	N/A	394,087	800.6	N/A	740.6	N/A

Source: a a c a a c b b c d d Note that all rates and corresponding rankings appearing in bold typeface are based on fewer than 20 deaths and should be considered unstable.

¹ Rate = Number of events per 100,000 population, where the Standard = Year 2000 US Population

a - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II, Leading Causes of Death, 2008, 2009, 2010, 2011, 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol1>.

b - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

c - Calculated

d - National Center for Health Statistics, National Vital Statistics Reports, Volume 61, Number 6 (October 10, 2012), Deaths, Preliminary data for 2011; http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf.

APPENDIX 1

Sex-Specific Age-Adjusted Death Rates for Leading Causes of Death (Single Five-Year Aggregate Period, 2008-2012)

Cause of Death	Hyde County				Alleghany County				State of NC Rate	
	Males		Females		Males		Females		Males	Females
	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
1. Cancer	40	265.0	33	171.4	85.0	221.2	52.0	116.2	221.4	145.0
2. Diseases of the Heart	29	219.6	38	167.6	75.0	217.3	75.0	145.1	222.3	138.1
3. Cerebrovascular Diseases	13	N/A	16	N/A	14.0	N/A	17.0	N/A	45.7	43.7
4. Chronic Lower Respiratory Disease	8	N/A	9	N/A	20.0	55.8	21.0	42.1	54.0	42.1
5. Diabetes Mellitus	2	N/A	11	N/A	11.0	N/A	11.0	N/A	25.9	18.6
6. Unintentional Non-Motor Vehicle Injury	3	N/A	3	N/A	17.0	N/A	7.0	N/A	39.1	21.1
7. Alzheimer's Disease	5	N/A	5	N/A	3.0	N/A	22.0	39.9	23.3	32.4
8. Unintentional Motor Vehicle Injury	3	N/A	3	N/A	10.0	N/A	3.0	N/A	21.1	8.0
9. Nephritis, Nephrotic Syndrome and Nephrosis	2	N/A	2	N/A	5.0	N/A	6.0	N/A	22.0	15.4
10. Septicemia	1	N/A	1	N/A	1.0	N/A	8.0	N/A	14.8	12.4
11. Chronic Liver Disease and Cirrhosis	2	N/A	0	N/A	6.0	N/A	2.0	N/A	13.2	6.0
12. Suicide	1	N/A	0	N/A	11.0	N/A	2.0	N/A	19.8	5.4
13. Acquired Immune Deficiency Syndrome	0	N/A	1	N/A	0.0	N/A	0.0	N/A	4.4	2.0
14. Pneumonia and Influenza	0	N/A	0	N/A	8.0	N/A	7.0	N/A	20.7	16.4
15. Homicide	0	N/A	0	N/A	2.0	N/A	0.0	N/A	9.3	2.8
Total Deaths All Causes (Some causes are not listed above)	137	996.5	158	763.8	323.0	941.7	311	636	954.5	680.8

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases. Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Race-Specific Age-Adjusted Death Rates for Leading Causes of Death, Hyde County (Single Five-Year Aggregate Period, 2008-2012)

Cause of Death	Hyde County									
	White, non-Hispanic		African-American, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1. Cancer	48	198.2	25	228.8	0	N/A	0	N/A	73	201.5
2. Diseases of the Heart	45	183.8	22	190.8	0	N/A	0	N/A	67	181.7
3. Cerebrovascular Diseases	13	N/A	15	N/A	0	N/A	0	N/A	29	78.8
4. Chronic Lower Respiratory Disease	15	N/A	2	N/A	0	N/A	0	N/A	17	N/A
5. Diabetes Mellitus	6	N/A	7	N/A	0	N/A	0	N/A	13	N/A
6. Unintentional Non-Motor Vehicle Injury	8	N/A	4	N/A	0	N/A	0	N/A	12	N/A
7. Alzheimer's Disease	6	N/A	4	N/A	0	N/A	0	N/A	10	N/A
8. Unintentional Motor Vehicle Injuries	4	N/A	2	N/A	0	N/A	0	N/A	6	N/A
9. Nephritis, Nephrotic Syndrome and Nephrosis	3	N/A	1	N/A	0	N/A	0	N/A	4	N/A
10. Septicemia	0	N/A	2	N/A	0	N/A	0	N/A	2	N/A
11. Chronic Liver Disease and Cirrhosis	2	N/A	0	N/A	0	N/A	0	N/A	2	N/A
12. Suicide	1	N/A	0	N/A	0	N/A	0	N/A	1	N/A
13. Acquired Immune Deficiency Syndrome	1	N/A	0	N/A	0	N/A	0	N/A	1	N/A
14. Pneumonia and Influenza	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
15. Homicide	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Total Deaths All Causes (Some causes are not listed above)	188	802.7	105	953.5	0	N/A	0	N/A	295	828.0

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases. Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Three Leading Causes of Death by Age Group, Number of Deaths and Unadjusted Death Rates (Single Five-Year Aggregate Period, 2008-2012)

Age Group	Rank	Cause of Death		
		Hyde County	Alleghany County	State of NC
00-19	1	Conditions originating in the perinatal period	Conditions originating in the perinatal period	Conditions originating in the perinatal period
	2	Chronic lower respiratory diseases Pneumonitis due to solids & liquids Congenital anomalies (birth defects) Motor vehicle injuries	Motor vehicle injuries	Congenital anomalies (birth defects)
	3	N/A	N/A	Motor vehicle injuries
20-39	1	Motor vehicle injuries	Motor vehicle injuries Suicide Other Unintentional Injuries	Other Unintentional injuries
	2	Cancer-all sites Other unintentional injuries	N/A	Motor vehicle injuries
	3	N/A	N/A	Suicide
40-64	1	Cancer-all sites	Cancer-All Sites	Cancer-All sites
	2	Diseases of the heart	Diseases of the heart	Diseases of the heart
	3	Cerebrovascular Disease Other Unintentional Injuries	Other Unintentional Injuries	Other Unintentional injuries
65-84	1	Cancer-all sites	Cancer-All Sites	Cancer-All sites
	2	Diseases of the heart	Diseases of the heart	Diseases of the heart
	3	Cerebrovascular disease	Chronic Lower Respiratory Diseases	Chronic lower respiratory diseases
85+	1	Diseases of the heart	Diseases of the heart	Diseases of the heart
	2	Cerebrovascular Disease	Cancer-All sites	Cancer-All sites
	3	Cancer-all sites	Alzheimer's Disease	Cerebrovascular Disease

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, Death Counts and Crude Death Rates per 100,000 for Leading Causes of Death, by Age Groups, NC, 2008-2012; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Total Cancer

Overall Total Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

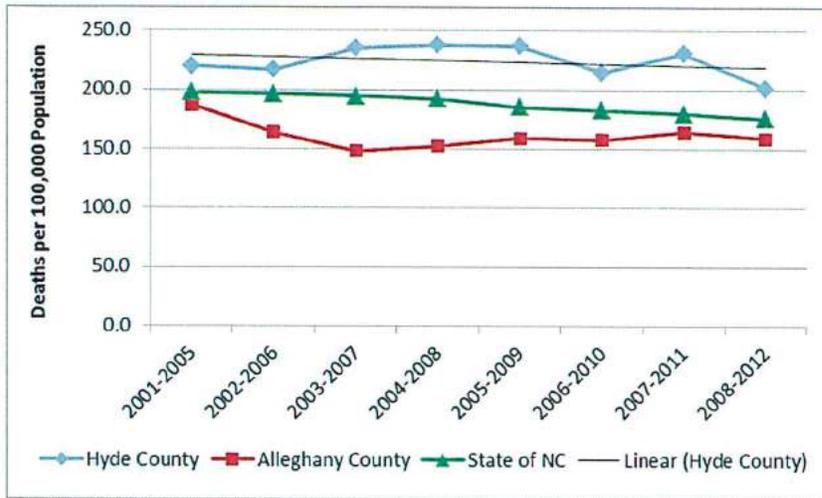
Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	219.8	216.8	235.1	237.8	237.2	214.7	231.0	201.5
Alleghany County	186.7	163.8	147.9	152.2	158.9	157.8	164.1	158.9
State of NC	197.7	196.4	194.9	192.5	185.6	183.1	179.7	175.9

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Overall Total Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Total Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Person County	339	189.9	131	223.5	1	N/A	1	N/A	264	256.2	208	153.0	472	195.4
Bladen County	248	182.9	130	175.6	6	N/A	1	N/A	213	234.1	172	139.7	385	177.4
State of NC	69,212	173.5	18,222	204.5	1,305	124.6	766	70.0	47,751	221.4	41,754	145.0	89,505	175.9

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

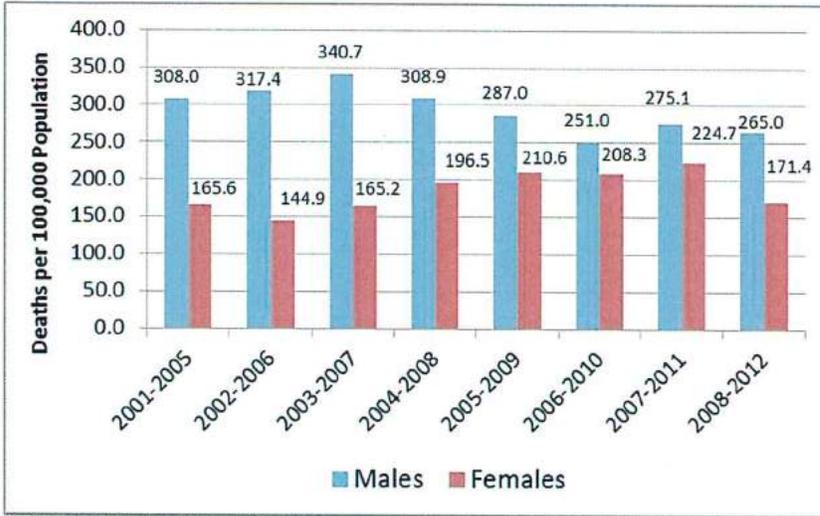
Gender Disparity Trend in Total Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	48	198.2	25	228.8	0	N/A	0	N/A	40	265.0	33	171.4	73	201.5
Alleghany County	131	158.2	4	N/A	0	N/A	2	N/A	85	221.2	52	119.2	137	158.9
State of NC	69,212	173.5	18,222	204.5	1,305	124.6	766	70.0	47,751	221.4	41,754	145.0	89,505	175.9

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Gender Disparity Trend in Total Cancer Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



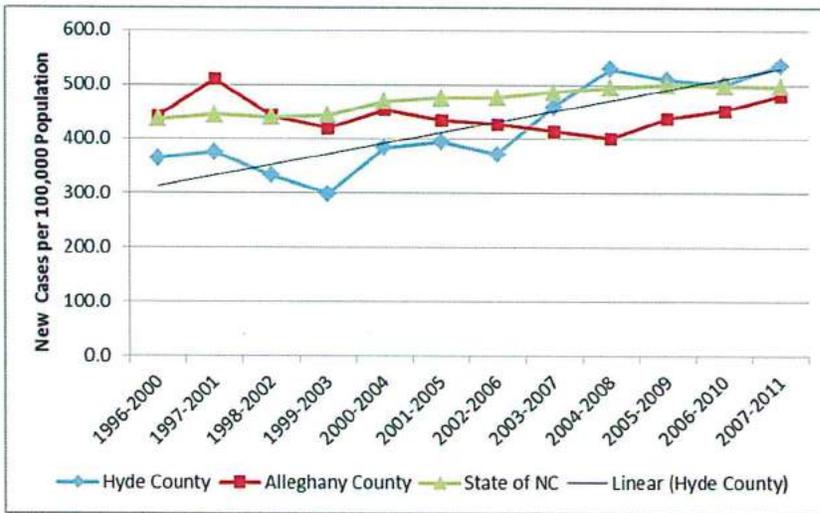
Graph derived from data table above

Total Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Hyde County	365.2	375.7	333.4	299.7	383.9	395.3	372.5	459.7	530.0	509.7	500.9	536.3
Alleghany County	441.6	509.9	442.2	419.8	453.5	434.1	426.7	413.7	401.3	437.4	452.1	479.2
State of NC	437.2	445.3	440.5	444.0	469.8	475.9	477.0	487.0	495.2	500.1	498.1	496.7

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>.

Total Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)



Graph derived from data table above

APPENDIX 1

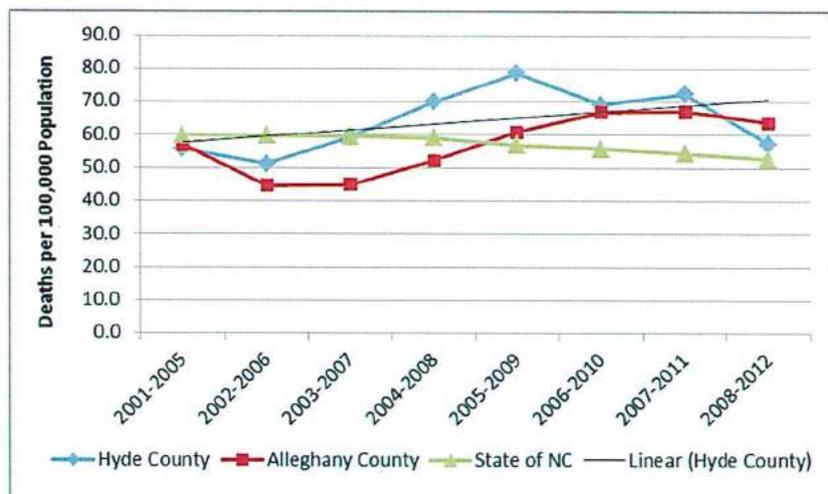
Lung Cancer

Lung Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	55.7	51.2	59.3	69.9	78.6	69.2	72.4	57.4
Alleghany County	56.8	44.6	44.8	52.2	60.9	66.8	67.1	63.6
State of NC	59.9	59.8	59.6	59.1	57.0	55.9	54.5	52.8

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Lung Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Lung Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	14	N/A	6	N/A	0	N/A	0	N/A	11	N/A	9	N/A	20	57.4
Alleghany County	55	83.6	2	N/A	0	N/A	0	N/A	38	98.6	19	N/A	57	63.6
State of NC	21,971	54.2	4,718	52.2	397	37.0	118	12.9	15,924	71.6	11,280	39.1	27,204	52.8

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

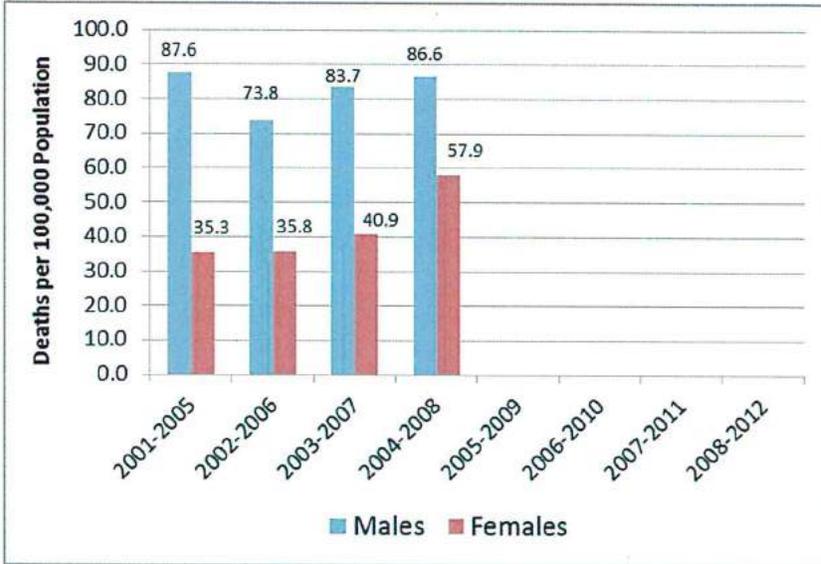
Gender Disparity Trend in Lung Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	87.8	73.8	83.7	86.6	N/A	N/A	N/A	N/A	35.3	35.8	40.9	57.9	N/A	N/A	N/A	N/A
Alleghany County	82.1	61.4	57.6	79.1	92.3	98.4	100.8	98.6	39.2	33.1	35.1	31.6	N/A	N/A	41.4	41.7
State of NC	85.6	84.3	83.3	81.9	78.6	76.7	74.4	71.6	41.7	42.3	42.7	42.7	41.5	40.8	40.0	39.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

APPENDIX 1

Gender Disparity Trend in Lung Cancer Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



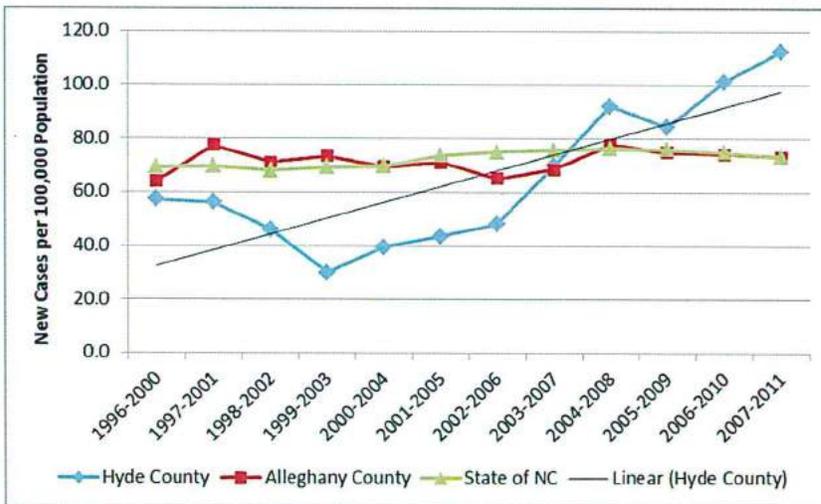
Graph derived from data table above

Lung Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Hyde County	57.2	56.2	46.2	30.1	39.6	43.6	48.2	69.7	92.1	84.3	101.3	112.5
Alleghany County	63.9	77.4	71.0	73.3	69.3	70.9	65.0	68.4	77.5	74.9	74.2	73.1
State of NC	69.3	69.7	68.0	69.3	69.7	73.8	75.0	75.8	76.3	75.9	74.8	73.4

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>.

Lung Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)



Graph derived from data table above

APPENDIX 1

Colon Cancer

Colon, Rectum, Anus Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	27.9	32.6	20.9	22.7	14.6	16.0	14.9	22.2
Alleghany County	10.5	12.7	13.2	15.3	12.4	11.5	9.8	12.6
State of NC	18.6	18.2	17.8	17.3	16.5	16.0	15.5	14.9

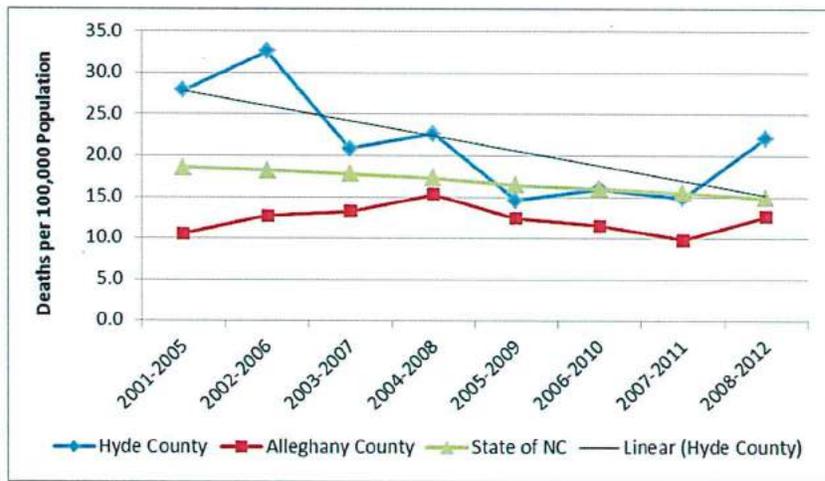
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Colon, Rectum, Anus Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Colon, Rectum, Anus Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	6	N/A	2	N/A	0	N/A	0	N/A	4	N/A	4	N/A	8	N/A
Alleghany County	11	N/A	0	N/A	0	N/A	0	N/A	6	N/A	5	N/A	11	N/A
State of NC	5,533	14.0	1,865	21.2	102	9.7	61	6.1	3,928	18.1	3,633	12.6	7,561	14.9

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

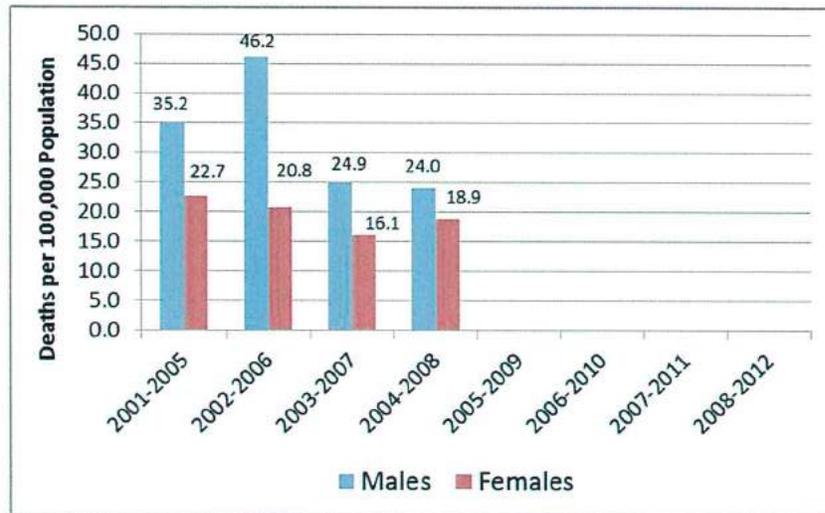
APPENDIX 1

Gender Disparity Trend in Colon, Rectum, Anus Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	35.2	46.2	24.9	24.0	N/A	N/A	N/A	N/A	22.7	20.8	16.1	18.9	N/A	N/A	N/A	N/A
Alleghany County	7.1	16.0	15.7	22.0	N/A	N/A	N/A	N/A	13.8	11.0	11.8	11.6	N/A	N/A	N/A	N/A
State of NC	22.3	21.9	21.6	20.7	19.5	19.6	19.0	18.1	16.0	15.5	15.0	14.7	13.9	13.4	12.9	12.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.
 Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Colon, Rectum, Anus Cancer Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

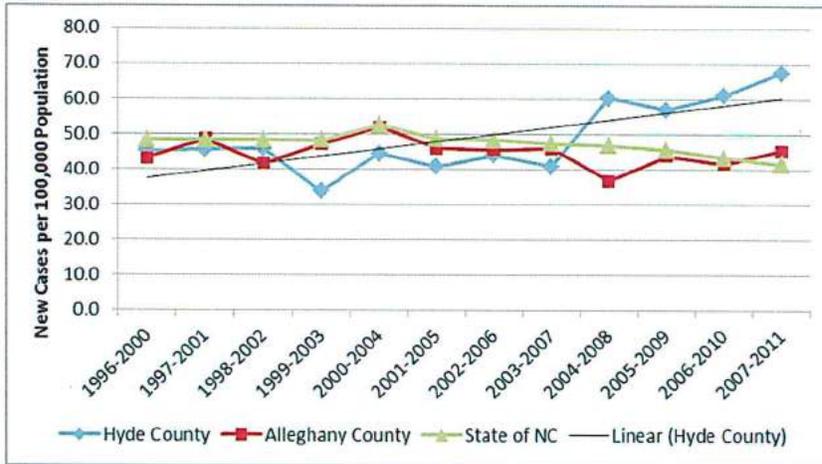
Colon, Rectum, Anus Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Hyde County	45.1	45.6	45.8	33.8	44.5	40.7	44.1	40.8	60.2	57.0	60.9	67.5
Alleghany County	43.1	48.5	41.6	47.1	51.9	45.9	45.4	45.8	36.7	43.8	41.6	45.3
State of NC	48.4	48.4	48.3	48.2	52.5	48.6	48.4	47.4	46.8	45.5	43.4	41.5

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>.
 Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Colon, Rectum, Anus Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)



Graph derived from data table above

Prostate Cancer

Prostate Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Overall Rate (Deaths per 100,000 Male Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	34.4	26.4	37.3	37.0	15.9	25.8	35.2	46.0
Alleghany County	34.3	30.5	30.1	33.2	36.6	42.3	39.2	40.3
State of NC	29.9	29.1	28.3	27.3	25.7	25.5	24.3	23.4

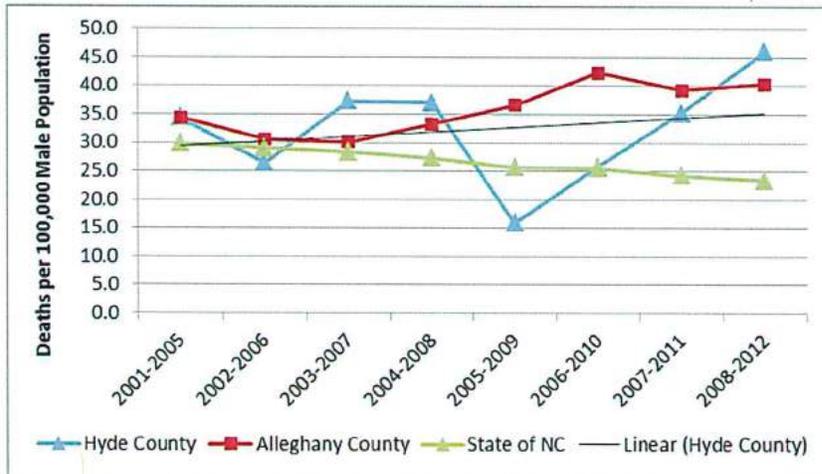
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Prostate Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

APPENDIX 1

Prostate Cancer Mortality, by Race/Ethnicity (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Male Population)									
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	3	N/A	2	N/A	0	N/A	0	N/A	5	N/A
Alleghany County	12	N/A	2	N/A	0	N/A	1	N/A	15	N/A
State of NC	2,887	19.0	1,378	51.6	54	18.9	37	13.0	4,356	23.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

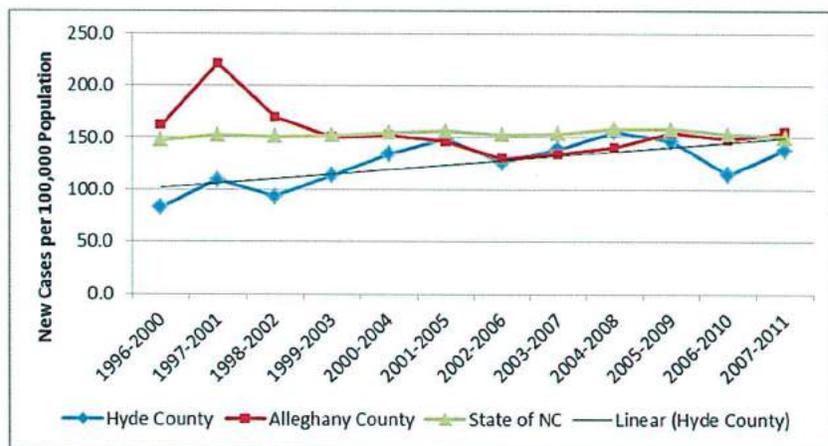
Prostate Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)												
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	
Hyde County	82.7	109.7	93.4	113.7	134.3	148.6	126.3	139.1	156.0	146.8	114.6	138.5	
Alleghany County	161.6	221.0	169.4	150.2	152.3	145.9	129.7	133.6	140.2	154.2	148.0	154.7	
State of NC	147.3	152.5	151.2	152.0	154.7	156.1	153.2	153.8	158.8	158.3	153.7	150.6	

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Prostate Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)



Graph derived from data table above

Breast Cancer

Breast Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Female Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	31.3	25.8	32.4	20.7	13.7	29.3	33.5	22.4
Alleghany County	27.1	22.4	16.5	9.8	11.8	6.2	5.8	9.0
State of NC	25.7	25.5	25.2	24.8	23.5	23.2	22.8	22.2

Source:

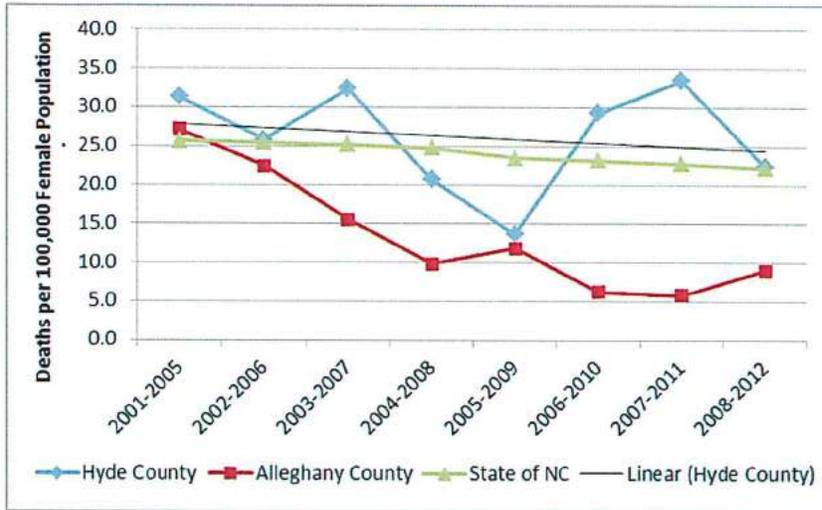
a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Breast Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Breast Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Female Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	2	N/A	1	N/A	0	N/A	0	N/A	0	N/A	3	N/A	3	N/A
Alleghany County	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	4	N/A	4	N/A
State of NC	4,677	21.3	1,595	29.0	80	11.9	63	9.1	58	N/A	6,357	22.2	6,415	22.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Breast Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

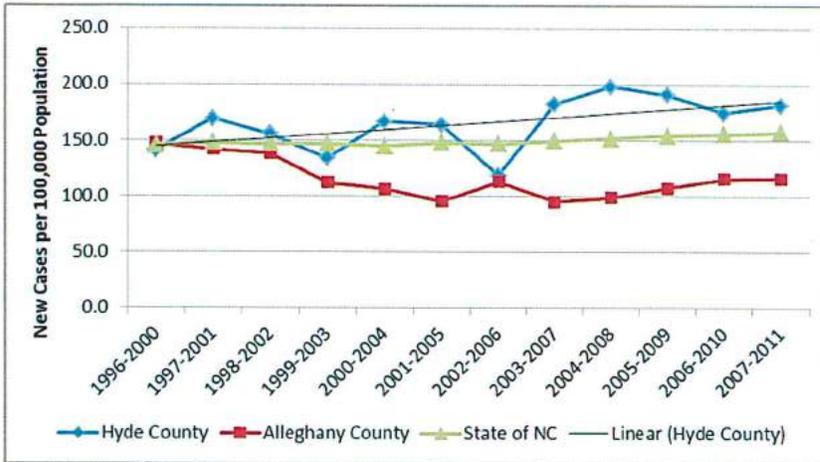
Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Hyde County	141.3	169.6	156.0	134.1	166.9	164.2	118.9	182.7	198.2	190.9	174.5	181.7
Alleghany County	147.1	141.8	138.5	112.2	106.4	95.4	112.8	95.2	99.0	107.3	115.5	116.1
State of NC	145.9	148.2	147.1	147.3	144.9	148.2	147.2	149.6	151.9	154.5	155.9	157.4

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>.

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Breast Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)



Graph derived from data table above

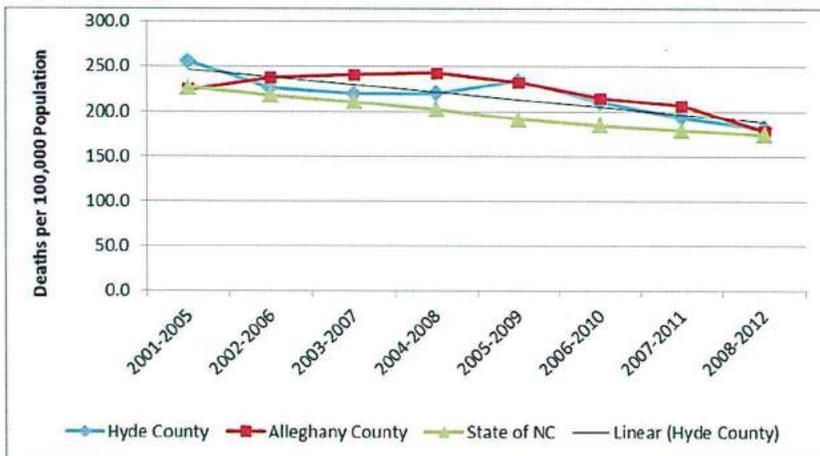
Heart Disease

Overall Heart Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	255.6	225.7	219.7	219.9	233.9	210.3	192.9	181.7
Alleghany County	224.2	237.2	240.1	242.2	232.1	214.4	206.1	178.2
State of NC	226.8	217.9	210.7	202.2	191.7	184.9	179.3	174.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Overall Heart Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

APPENDIX 1

Heart Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	45	183.8	22	190.8	0	N/A	0	N/A	29	219.6	38	167.6	67	181.7
Alleghany County	145	176.3	2	N/A	0	N/A	3	N/A	75	217.3	75	145.1	150	178.2
State of NC	67,453	172.1	16,843	198.4	1,103	122.8	491	53.6	44,701	222.3	41,189	138.1	85,890	174.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

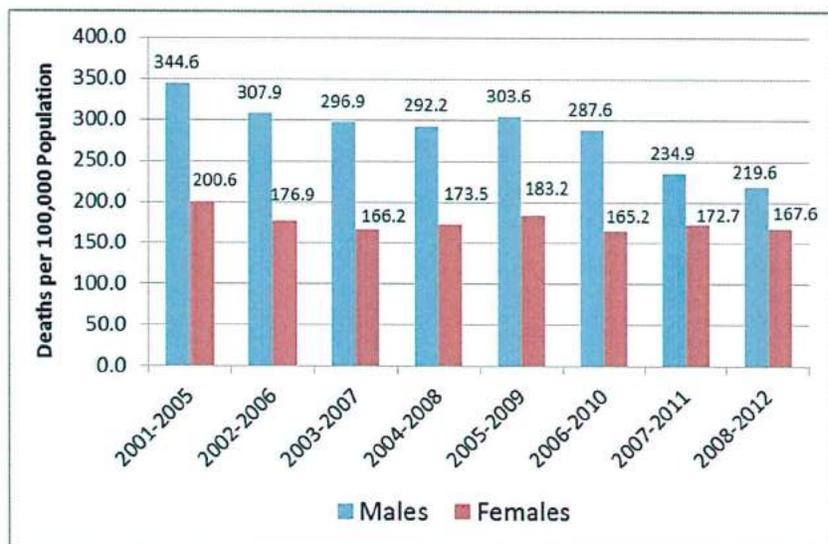
Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Heart Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	344.6	307.9	296.9	292.2	303.6	287.6	234.9	219.6	200.6	176.9	166.2	173.5	183.2	165.2	172.7	167.6
Alleghany County	287.9	310.6	283.4	288.7	262.9	252.1	233.0	217.3	171.6	175.9	200.2	201.1	199.3	182.4	181.6	145.1
State of NC	285.5	275.3	267.0	256.6	244.9	237.2	229.4	222.3	183.0	174.9	168.7	161.2	151.9	145.8	141.6	136.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Gender Disparity Trend in Heart Disease Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Cerebrovascular Disease

Cerebrovascular Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

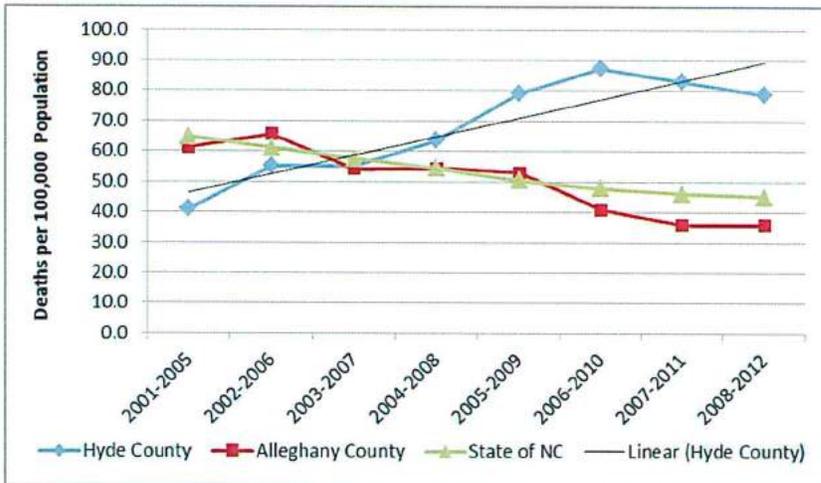
Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	41.0	55.1	55.1	63.6	79.0	87.3	83.0	78.8
Alleghany County	61.2	65.5	54.1	54.2	52.9	40.7	35.7	35.7
State of NC	64.7	61.1	57.6	54.4	50.5	47.8	46.0	45.1

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Cerebrovascular Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Cerebrovascular Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
Hyde County	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	29	78.8
Alleghany County	31	36.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31	35.7
State of NC	16,519	42.5	4,871	59.3	274	32.6	157	17.6	8,792	45.7	13,029	43.7	21,821	45.1		

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Cerebrovascular Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

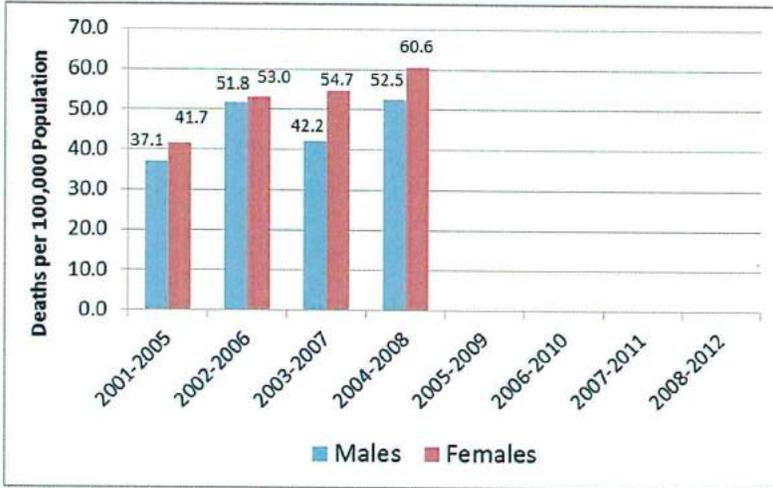
Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	37.1	51.8	42.2	52.5	N/A	N/A	N/A	N/A	41.7	53.9	54.7	60.6	N/A	N/A	N/A	N/A
Alleghany County	81.5	87.6	70.8	66.5	59.1	N/A	N/A	N/A	47.1	48.5	40.4	43.5	46.4	N/A	N/A	N/A
State of NC	65.8	62.1	58.9	55.9	52.0	48.7	46.6	45.7	63.0	59.5	55.7	52.4	48.6	46.3	44.5	43.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Gender Disparity Trend in Cerebrovascular Disease Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Chronic Lower Respiratory Disease

CLRD/COPD Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	50.3	47.0	48.1	43.6	50.2	50.8	57.1	48.1
Alleghany County	58.2	58.0	64.6	61.1	58.9	57.6	55.7	46.9
State of NC	46.9	47.1	47.5	47.8	47.0	46.4	46.6	46.6

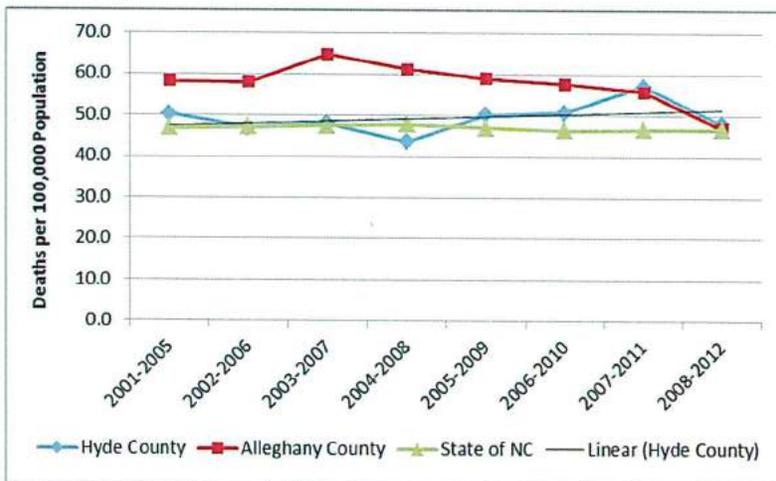
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

CLRD/COPD Mortality Rate Trend (Five-Year Aggregate Periods, Hyde County, 2001-2005 through 2008-2012)



Graph derived from data table above.

APPENDIX 1

CLRD/COPD Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	15	N/A	2	N/A	0	N/A	0	N/A	8	N/A	9	N/A	17	N/A
Alleghany County	41	48.3	0	N/A	0	N/A	0	N/A	20	55.8	21	42.1	41	46.9
State of NC	20,275	51.3	2,364	28.7	181	21.6	64	9.4	10,662	54.0	12,222	42.1	22,884	46.6

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

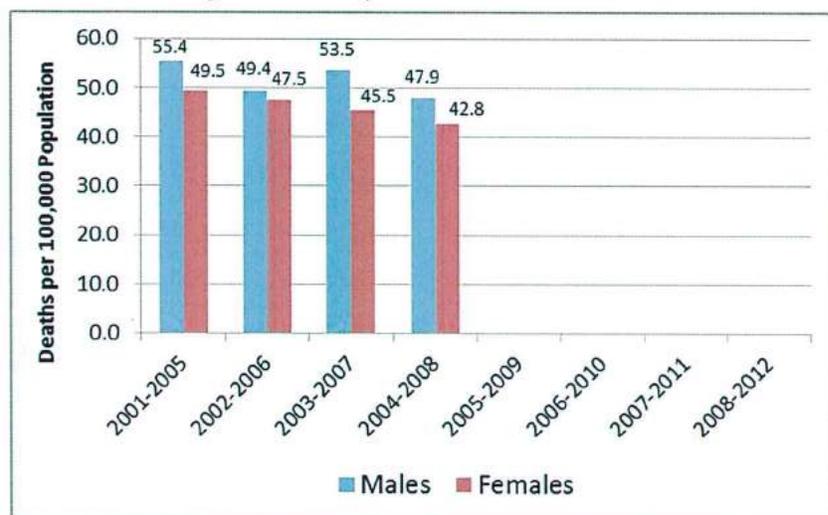
Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in CLRD/COPD Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	55.4	49.4	53.5	47.9	N/A	N/A	N/A	N/A	49.5	47.5	45.5	42.8	N/A	N/A	N/A	N/A
Alleghany County	59.4	68.6	84.8	73.8	73.7	70.1	65.3	55.8	61.0	52.6	52.0	54.7	50.3	49.9	51.0	42.1
State of NC	61.0	60.1	59.5	58.9	57.1	55.5	54.9	54.0	38.6	39.5	40.4	41.3	41.0	41.1	41.7	42.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Gender Disparity Trend in CLRD/COPD Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Diabetes

Diabetes Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	72.9	82.2	87.0	73.0	50.0	43.7	35.8	34.6
Alleghany County	26.0	18.2	10.5	10.2	11.5	13.8	17.1	24.6
State of NC	27.6	27.1	26.4	25.2	23.6	22.5	22.0	21.8

Source:

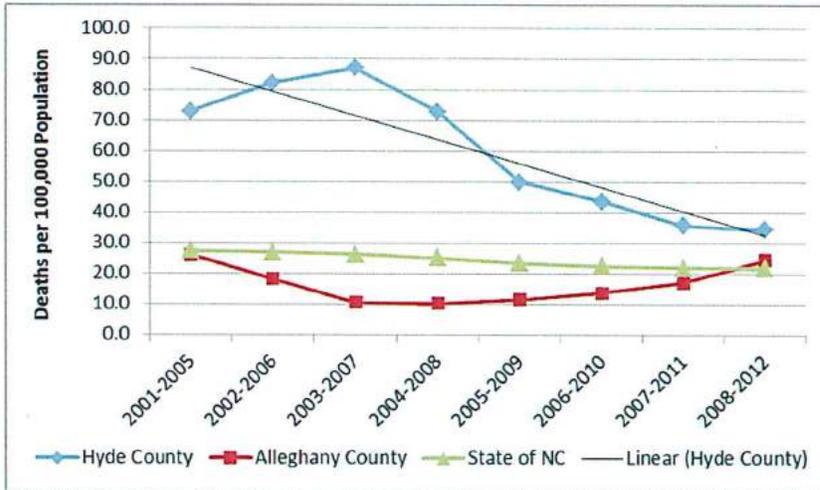
a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Diabetes Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Diabetes Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	6	N/A	7	N/A	0	N/A	0	N/A	2	N/A	11	N/A	13	N/A
Alleghany County	22	25.4	0	N/A	0	N/A	0	N/A	11	N/A	11	N/A	22	24.6
State of NC	6,911	17.5	3,752	43.8	229	24.3	92	9.2	5,571	25.9	5,413	18.6	10,984	21.8

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Diabetes Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

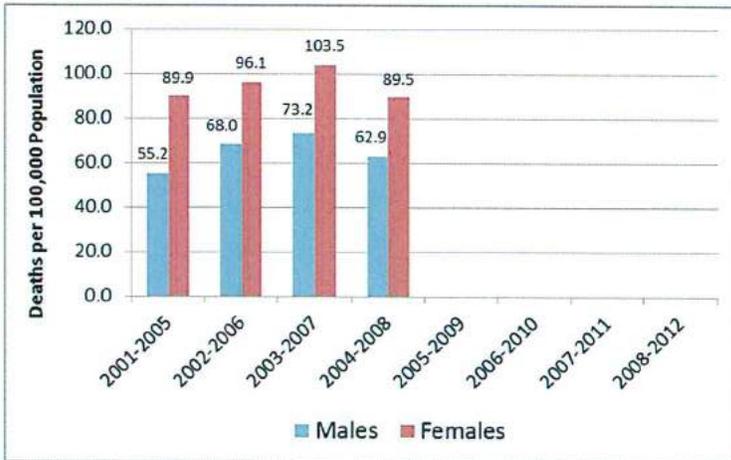
Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	55.2	68.0	73.2	62.5	N/A	N/A	N/A	N/A	89.9	96.1	103.5	89.5	N/A	N/A	N/A	N/A
Alleghany County	21.4	18.8	8.1	7.9	N/A	N/A	N/A	N/A	27.6	16.6	11.3	10.9	N/A	N/A	N/A	N/A
State of NC	30.4	30.2	30.0	28.9	27.3	26.4	26.0	25.9	25.3	24.5	23.5	22.2	20.7	19.4	18.8	18.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Gender Disparity Trend in Diabetes Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

All Other Unintentional Injury (Non-Motor Vehicle Injury)

All Other Unintentional Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	22.4	19.9	25.6	30.4	37.7	29.9	38.3	33.3
Alleghany County	25.2	28.6	29.5	27.3	33.5	33.2	35.3	37.0
State of NC	26.0	27.0	27.8	28.4	28.6	28.6	29.2	29.4

Source:

a

a

a

a

b

b

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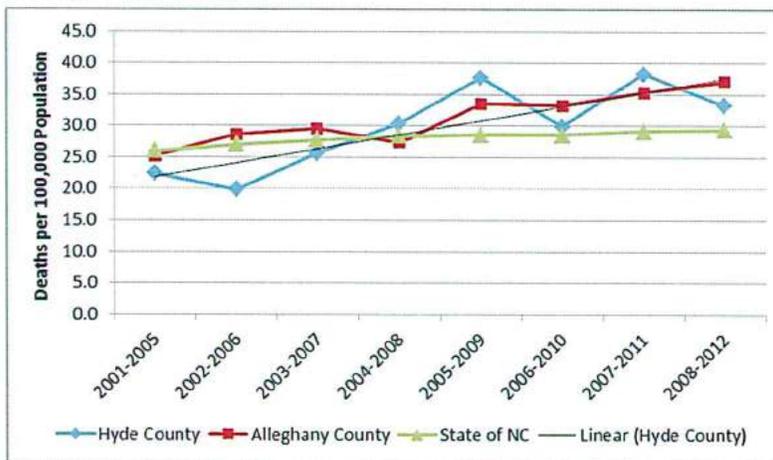
b

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

All Other Unintentional Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.

APPENDIX 1

All Other Unintentional Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	8	N/A	4	N/A	0	N/A	0	N/A	9	N/A	3	N/A	12	N/A
Alleghany County	23	39.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24	37.0
State of NC	11,761	33.8	1,862	19.8	256	19.1	289	12.0	8,385	39.1	5,783	21.1	14,168	29.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

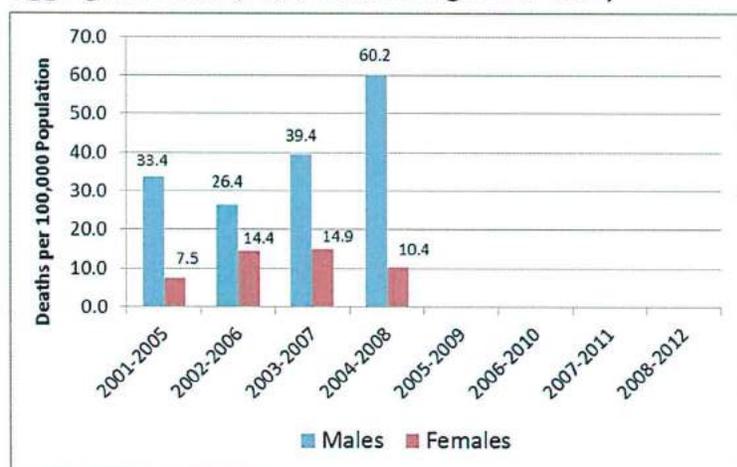
Gender Disparity Trend in All Other Unintentional Injury Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)																	
	Males									Females								
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012		
Hyde County	33.4	26.4	39.4	60.2	N/A	N/A	N/A	N/A	7.6	14.4	14.9	10.4	N/A	N/A	N/A	N/A		
Alleghany County	30.9	37.5	34.7	29.4	N/A	N/A	N/A	N/A	21.9	22.0	24.3	24.0	N/A	N/A	N/A	N/A		
State of NC	34.7	36.1	36.8	37.8	38.4	38.4	38.8	39.1	18.3	19.0	19.8	20.2	20.1	20.2	20.9	21.1		

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in All Other Unintentional Injury Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Alzheimer's Disease

Alzheimer's Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	8.9	9.0	12.3	15.4	15.5	20.4	26.5	26.9
Alleghany County	40.2	38.2	38.2	34.3	31.1	29.3	27.9	29.5
State of NC	27.1	27.7	28.3	28.7	28.3	28.5	29.0	29.3

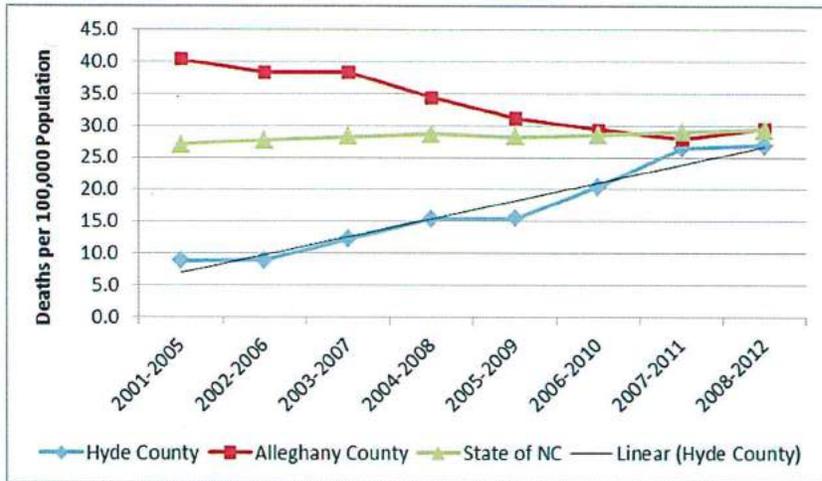
Source: a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Alzheimer's Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Alzheimer's Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Hyde County	6	N/A	4	N/A	0	N/A	0	N/A	5	N/A	5	N/A	10	N/A
Alleghany County	25	30.2	0	N/A	0	N/A	0	N/A	3	N/A	22	39.9	25	29.5
State of NC	11,685	30.3	1,861	26.1	151	24.9	49	9.3	3,818	23.3	9,928	32.4	13,746	29.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Alzheimer's Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

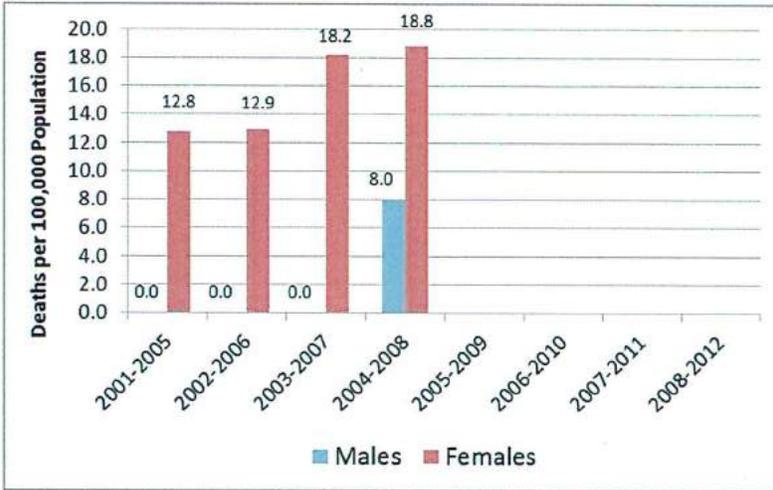
Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	0.0	0.0	0.0	8.0	N/A	N/A	N/A	N/A	12.8	12.9	18.2	18.8	N/A	N/A	N/A	N/A
Alleghany County	41.8	24.0	38.6	35.2	N/A	N/A	N/A	N/A	37.8	37.3	37.2	33.8	N/A	N/A	N/A	39.9
State of NC	21.8	22.0	22.2	22.2	22.3	22.7	22.7	23.3	29.6	30.3	31.1	31.8	31.3	31.3	32.2	32.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>.

Note: The use of bold type or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

APPENDIX 1

Gender Disparity Trend in Alzheimer's Disease Mortality Rate, Hyde County (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above

Unintentional Motor Vehicle Injury

Unintentional Motor Vehicle Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Hyde County	20.5	16.8	6.8	3.8	11.2	15.5	22.5	21.9
Alleghany County	17.3	17.4	8.0	15.8	19.0	24.8	26.7	26.3
State of NC	19.3	19.1	19.1	18.6	17.6	16.7	15.5	14.3

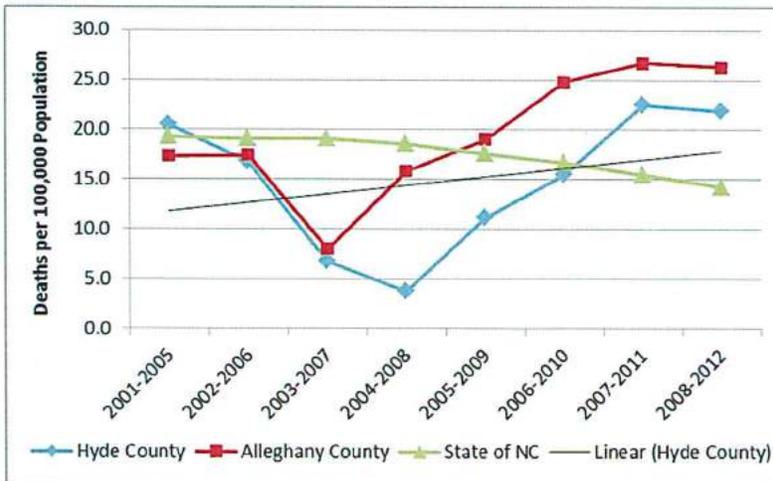
Source:

a - NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, Statistics and Reports, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009, 2010, 2011 and 2012; <http://www.schs.state.nc.us/data/vital.cfm#vitalvol2>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Unintentional Motor Vehicle Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)



Graph derived from data table above.