

Hyde County Community Health Assessment 2007



Hyde County Health Department



Hyde County Health Department

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HYDE COUNTY COMMUNITY HEALTH ASSESSMENT 2007

SUMMARY

During 2007, the Hyde County Public Health Department conducted a countywide Community Health Assessment. The purpose of the assessment was to answer the questions:

What are the strengths in the community?

What health concerns do community members have?

What resources are available and what is needed in the community to address these concerns?

To answer these questions, data on community concerns and opinions were solicited through a key informant survey. This information was combined with routinely collected health data and other public data available through state and federal agencies and private organizations.

At a meeting of community leaders in December 2007, community members reviewed and discussed this information and using a formal prioritization process, identified the following community health priorities:

#1 Diabetes/Chronic Diseases/ Overweight Population

#2 Recreational Facilities and Activities

#3 Access to Medical and Dental Care/ Medically Uninsured Residents

As a result of this process, Hyde County Health Department will develop an action plan that will address these community priorities. The Health Department will work with other community organizations to develop plans to address these issues and to identify new and existing resources and funding to carry out the plans.

BACKGROUND

This document is a report of the Community Health Assessment conducted by the Hyde County Public Health Department during 2007.

“Community assessment is the foundation for improving and promoting the health of community members. The role of the community assessment is to identify factors that affect the health of a population and determine the availability of resources within the community to adequately address these factors. Through collaborative efforts forged among community leaders, public health agencies, businesses, hospitals, private practitioners, and academic centers (to name a few), the community can begin to answer key questions such as (a) “What are the strengths in our community?” (b) “What health concerns do community members have?” and (c) “What resources are available and what do we need in the community to address these concerns?”
--North Carolina Community Health Assessment Process Guidebook

For the current health assessment, data from a key informant survey were collected and combined with existing, routinely collected health and community data available through state and federal agencies.

During the fall of 2007, a key informant survey was conducted among Hyde County community leaders. The health department identified 71 leaders representing a wide variety of occupations and organizations from each of Hyde County's townships to participate in the survey. A total of 49 surveys were completed (69% response rate). The survey included questions about the economy, education, environment, health, housing, leisure activities, safety, social issues, transportation, and elder issues. The survey was self-administered. The survey also included open ended questions related to (1) assets in the community, (2) health needs of the community, and (3) addressing challenges and making decisions.

Existing health and community data was obtained through several Hyde County organizations, as well as from state and federal agencies such as the United States Census Bureau, United States Department of Labor, the North Carolina State Center for Health Statistics, the North Carolina Department of Commerce, North Carolina Bureau of Investigation, the Cecil G. Sheps Center for Health Services Research at the University of North Carolina. Sources of data are cited throughout this report. A listing of existing health-related community resources is included in the report appendix.

As information was gathered it was presented to community leaders at a December 2007 meeting in Swan Quarter. The community health assessment process identified 12 health indicators that stood out for Hyde County. These were health issues for which the Hyde county rates exceeded the state rates, and for which community members expressed concern over the issue. Community members used a formal process to select community health priorities from this list of 12 health indicators. Each member evaluated each health indicator according to the following criteria:

1. **The Magnitude of the Problem**-- How many persons does the problem affect?
 2. **Level of Community Concern** – How concerned are people in the County regarding this issue?
 3. **Feasibility of Correcting**-- Is the problem amenable to interventions? Is the problem preventable?
- Average scores were calculated and each indicator was ranked in descending order.

As a result of this process, the Hyde County Health Department will develop an action plan that will address the top 3 prioritized community health issues.

DEMOGRAPHIC DATA FOR HYDE COUNTY

- Hyde County population in 2005 was estimated to be 5,413 (2,891 males and 2,522 females)
- Between the 1990 and 2000 census, the population increased 7.1% from 5,406 to 5,789; this is a lower growth rate compared to the state as a whole (21%).
- A majority (62.3%) of Hyde County residents are white, which is similar to the statewide racial distribution of 68.7%.
- Latinos represent 1.9% of the population; this is lower than the state average of 6.4%
- Median age of Hyde County residents is 39.7 (higher than the overall state median age of 35.3); Median age of women in Hyde County was 43.1 compared to 37.4 for men; Median age by township varies from 34.4 years in Fairfield to 46.4 years in Ocracoke.
- 285 Hyde County residents (5.2%) in 2005, were under age 5
- 879 Hyde County residents 16.2% in 2005 were age 65 or above
- 2,185 households in Hyde County
- Average household size is 2.4 persons
- 673 households with at least one person under age 18
- 1,512 households with no persons under age 18
- 693 households with at least one person age 65 or above

Table 1. POPULATION SIZE

Year	HYDE	NORTH CAROLINA
1990	5,406	6,664,016
1991	5,380	6,784,280
1992	5,425	6,897,214
1993	5,381	7,042,818
1994	5,346	7,187,398
1995	5,365	7,344,674
1996	5,409	7,500,670
1997	5,484	7,656,825
1998	5,915	7,809,121
1999	5,914	7,949,361
2000	5,789	8,078,373
2001	5,718	8,198,256
2002	5,739	8,311,899
2003	5,543	8,421,190
2004	5,521	8,541,221
2005	5,413	8,683,242

Source of Data: Bridged-race population estimates; North Carolina State Center for Health Statistics; www.schs.state.nc.us/SCHS/data/population/nchspop.cfm

Table 2. RACE & ETHNICITY (2005 Estimates)

	Number		Percent	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
African American	1,901	1,889,556	35.1%	21.8%
American Indian or Alaska Native	22	106,816	0.4%	1.2%
Asian or Pacific Islander	16	164,192	0.3%	1.9%
Hispanic	102	553,113	1.9%	6.4%
White	3,372	5,969,565	62.3%	68.7%
TOTAL	5,413	8,683,242	100.0%	100.0%

Source of Data: Bridged-race population estimates; North Carolina State Center for Health Statistics; www.schs.state.nc.us/SCHS/data/population/nchspop.cfm

Table 3. MEDIAN AGE

	TOTAL	MALES	FEMALES
HYDE	39.7	37.4	43.1
NORTH CAROLINA	35.3	33.8	36.7

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

Table 4. MEDIAN AGE FOR HYDE COUNTY TOWNSHIPS

	TOTAL	MALES	FEMALES
Currituck township, Hyde County, North Carolina	39	37.6	40.3
Fairfield township, Hyde County, North Carolina	34.4	33.2	43.1
Lake Landing township, Hyde County, North Carolina	39.8	38.6	41.1
Lake Mattamuskeet UT*, Hyde County, North Carolina	42	44.3	40.5
Ocracoke township, Hyde County, North Carolina	46.4	43.9	48.6
Swan Quarter township, Hyde County, North Carolina	44.6	44	44.9

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

* unorganized territory

Table 5. TOTAL POPULATION BY AGE (2005 Estimates)

	NUMBER		PERCENT	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
Under 5	284	606,072	5.2%	7.0%
5 to 9	239	578,117	4.4%	6.7%
10 to 14	335	597,168	6.2%	6.9%
15 to 19	281	589,663	5.2%	6.8%
20 to 24	381	599,604	7.0%	6.9%
25 to 29	359	625,962	6.6%	7.2%
30 to 34	361	628,073	6.7%	7.2%
35 to 39	395	636,852	7.3%	7.3%
40 to 44	400	665,754	7.4%	7.7%
45 to 49	468	636,556	8.6%	7.3%
50 to 54	420	569,409	7.8%	6.6%
55 to 59	338	508,805	6.2%	5.9%
60 to 64	273	387,109	5.0%	4.5%
65 to 69	243	307,074	4.5%	3.5%
70 to 74	222	258,106	4.1%	3.0%
75 to 79	145	209,895	2.7%	2.4%
80 to 84	121	151,608	2.2%	1.7%
85 +	148	127,415	2.7%	1.5%
Total:	5,413	8,683,242	100.0%	100.0%

Source of Data: Bridged-race population estimates; North Carolina State Center for Health Statistics; www.schs.state.nc.us/SCHS/data/population/nchspop.cfm

Table 6. MALE POPULATION BY AGE (2005 Estimates)

	NUMBER		PERCENT	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
Under 5	146	308,318	5.1%	7.2%
5 to 9	126	296,003	4.4%	6.9%
10 to 14	154	306,261	5.3%	7.2%
15 to 19	150	302,351	5.2%	7.1%
20 to 24	266	315,120	9.2%	7.4%
25 to 29	240	326,351	8.3%	7.6%
30 to 34	229	319,467	7.9%	7.5%
35 to 39	231	320,731	8.0%	7.5%
40 to 44	231	328,821	8.0%	7.7%
45 to 49	250	310,926	8.6%	7.3%
50 to 54	216	275,240	7.5%	6.4%
55 to 59	168	245,223	5.8%	5.7%
60 to 64	137	183,622	4.7%	4.3%
65 to 69	109	141,005	3.8%	3.3%
70 to 74	94	113,663	3.3%	2.7%
75 to 79	61	86,437	2.1%	2.0%
80 to 84	45	55,187	1.6%	1.3%
85 +	38	36,843	1.3%	0.9%
Total:	2,891	4,271,569	100.0%	100.0%

Source of Data: Bridged-race population estimates; North Carolina State Center for Health Statistics; www.schs.state.nc.us/SCHS/data/population/nchspop.cfm

Table 7. FEMALE POPULATION BY AGE (2005 Estimates)

	NUMBER		PERCENT	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
Under 5	138	297,754	5.5%	6.7%
5 to 9	113	282,114	4.5%	6.4%
10 to 14	181	290,907	7.2%	6.6%
15 to 19	131	287,312	5.2%	6.5%
20 to 24	115	284,484	4.6%	6.4%
25 to 29	119	299,611	4.7%	6.8%
30 to 34	132	308,606	5.2%	7.0%
35 to 39	164	316,121	6.5%	7.2%
40 to 44	169	336,933	6.7%	7.6%
45 to 49	218	325,630	8.6%	7.4%
50 to 54	204	294,169	8.1%	6.7%
55 to 59	170	263,582	6.7%	6.0%
60 to 64	136	203,487	5.4%	4.6%
65 to 69	134	166,069	5.3%	3.8%
70 to 74	128	144,443	5.1%	3.3%
75 to 79	84	123,458	3.3%	2.8%
80 to 84	76	96,421	3.0%	2.2%
85 +	110	90,572	4.4%	2.1%
Total:	2,522	4,411,673	100.0%	100.0%

Source of Data: Bridged-race population estimates; North Carolina State Center for Health Statistics; www.schs.state.nc.us/SCHS/data/population/nchspop.cfm

Table 8. NUMBER OF HOUSEHOLDS BY SIZE AND TYPE

Total Households:	2,185
Family households:	1,434
2-person household	675
3-person household	345
4-person household	255
5-person household	98
6-person household	32
7-or-more person household	29
Nonfamily households:	751
1-person household	668
2-person household	72
3-person household	9
4-person household	1
5-person household	0
6-person household	1
7-or-more person household	0

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

Table 9. NUMBER OF HOUSEHOLDS WITH CHILDREN UNDER AGE 18

Total households:	2,185
<u>Households with one or more people under 18 years:</u>	<u>673</u>
Family households:	668
Married-couple family	457
Other family:	211
Male householder, no wife present	37
Female householder, no husband present	174
Nonfamily households:	5
Male householder	2
Female householder	3
<u>Households with no people under 18 years:</u>	<u>1,512</u>
Family households:	766
Married-couple family	607
Other family:	159
Male householder, no wife present	46
Female householder, no husband present	113
Nonfamily households:	746
Male householder	322
Female householder	424

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

Table 10. NUMBER OF HOUSEHOLDS WITH ONE OR MORE PERSONS AGE 65 AND OVER

Total Households:	2,185
<u>Households with one or more people 65 years and over:</u>	<u>693</u>
1-person household	303
2-or-more person household:	390
Family households	374
Nonfamily households	16
<u>Households with no people 65 years and over:</u>	<u>1,492</u>
1-person household	365
2-or-more person household:	1,127
Family households	1,060

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

ECONOMIC DATA FOR HYDE COUNTY

- Median household income in Hyde County is \$35,558 compared to \$ 39,184 for North Carolina
- Per Capita income for Hyde County residents is \$13,164 compared to \$20,307 for North Carolina
- 795 Hyde County residents had an income below the poverty level according to the 2000 Census
- 2,921 persons are in the labor force in Hyde County (2005)
- 173 persons (5.9%) were unemployed during 2005 (compared to statewide rate of 5.2%)
- During the 4th quarter of 2006, the largest employment sector was public administration (27%) followed by accommodations and food services (12.7%), agriculture forestry and fishing (10.6%) and educational services (10.1%)

Table 11. INCOME

	Hyde	North Carolina
Median household income in 1999	35,558	39,184
Per capita income in 1999	13,164	20,307

Source of Data: US Census Bureau. 2000 Census Data.
www.factfinder.gov

Table 12. POVERTY STATUS IN 1999 BY AGE

	Hyde	North Carolina
Total Population:	5,150	7,805,328
Income in 1999 below poverty level:	795	958,667
Under 5 years	51	94,630
5 years	0	18,569
6 to 11 years	93	109,489
12 to 17 years	83	88,365
18 to 64 years	360	525,366
65 to 74 years	109	55,858
75 years and over	99	66,390
Income in 1999 at or above poverty level:	4,355	6,846,661
Under 5 years	196	433,722
5 years	16	89,384
6 to 11 years	358	561,839
12 to 17 years	370	536,361
18 to 64 years	2,719	4,423,475
65 to 74 years	402	474,974
75 years and over	294	326,906

Source of Data: US Census Bureau. 2000 Census Data. www.factfinder.gov

Table 13. LABOR FORCE DATA FOR HYDE COUNTY, 2005 ANNUAL AVERAGES

Labor Force	2,921
Employed	2,748
Unemployed	173
Unemployment Rate (%)	5.9

Source of data: <http://www.bls.gov/lau/home.htm>; US department of Labor; Bureau of Labor Statistics; Average 2005 County Data <http://ftp.bls.gov/pub/special.requests/la/laucnty06.txt>

Table 14. EMPLOYMENT AND WAGES BY SECTOR (4th QUARTER 2006)

	HYDE		
	AVE. EMPLOYMENT	%TOTAL	AVE. WKLY WAGE
Total All Industries	1939	100	\$494
Total Government	753	38.8	\$608
Total Private Industry	1186	61.2	\$421
Agriculture Forestry Fishing & Hunting	205	10.6	\$353
Mining			
Utilities	18	0.9	\$834
Construction	130	6.7	\$617
Manufacturing	153	7.9	\$220
Wholesale Trade	109	5.6	\$483
Retail Trade	130	6.7	\$376
Transportation and Warehousing	32	1.7	\$564
Information	10	0.5	\$232
Finance and Insurance	16	0.8	\$492
Real Estate and Rental and Leasing	9	0.5	\$284
Professional and Technical Services	26	1.3	\$450
Management of Companies and Enterprises			
Administrative and Waste Services			
Educational Services	195	10.1	\$639
Health Care and Social Assistance	30	1.5	\$503
Arts, Entertainment and Recreation	12	0.6	\$584
Accommodation and Food Services	246	12.7	\$306
Other Services Ex. Public Admin	17	0.9	\$244
Public Administration	525	27.1	\$598
Unclassified	3	0.2	\$563

Source of Data: North Carolina Department of Commerce at <http://cmedis.commerce.state.nc.us/countyprofiles>

HEALTH DATA FOR HYDE COUNTY

LEADING CAUSES OF DEATH

- There were 80 deaths from all causes in Hyde County in 2005 (1,432 deaths per 100,000 persons)
- The three leading causes of death among county residents were heart disease, cancer and diabetes
- Compared to the age adjusted state mortality rates (2001-2005), Hyde County rates were slightly elevated (1.1-1.3 time state rate) for heart disease, all cancers combined, breast cancer, prostate cancer, chronic lower respiratory disease, kidney disease, motor vehicle injury; rates were moderately elevated (1.8 to 3 times the state rate) for diabetes.

Table 15. 2005 HYDE COUNTY MORTALITY DATA

	Number of Deaths 2005	Death Rate* 2005	Number of Deaths 2001-2005	Death Rate* 2001-2005	Age-Adjusted Death Rate* 2001-2005
Total Deaths - All Causes	80	1431.9	342	1197.2	906.6
Heart Disease	22	393.8	102	357.1	255.6
Cerebrovascular Disease	3	53.7	15	52.5	41
Cancer - All Sites	20	358	80	280	219.8
Cancer - Colon, Rectum, and Anus	1	17.9	10	35	27.9
Cancer - Trachea, Bronchus, and Lung	6	107.4	20	70	55.7
Cancer - Breast	1	39.7	6	45.9	31.3
Cancer - Prostate	0	0	5	32.3	34.4
Human Immunodeficiency Virus (HIV) Disease	0	0	0	0	0
Septicemia	0	0	2	7	5.6
Diabetes Mellitus	6	107.4	26	91	72.9
Pneumonia and Influenza	2	35.8	7	24.5	17.6
Chronic Lower Respiratory Diseases	4	71.6	20	70	50.3
Chronic Liver Disease and Cirrhosis	0	0	2	7	5
Nephritis, Nephrotic Syndrome, and Nephrosis	4	71.6	10	35	24
Motor Vehicle Injuries	0	0	6	21	20.5
All Other Unintentional Injuries	3	53.7	7	24.5	22.4
Suicide	0	0	4	14	10.9
Homicide	1	17.9	2	7	6.6
Alzheimer's Disease	0	0	4	14	8.9

Source of data: NC State Center for Health Statistics

* Number of deaths per 100,000 persons

Table 16. 2005 NORTH CAROLINA MORTALITY DATA

	Number of Deaths 2005	Death Rate* 2005	Number of Deaths 2001-2005	Death Rate* 2001-2005	Age-Adjusted Death Rate* 2001-2005
Total Deaths - All Causes	74,376	856.7	362,315	859.2	895.5
Heart Disease	17,681	203.6	91,056	215.9	226.8
Cerebrovascular Disease	4,846	55.8	25,615	60.7	64.7
Cancer - All Sites	16,675	192.1	81,428	193.1	197.7
Cancer - Colon, Rectum, and Anus	1,483	17.1	7,628	18.1	18.6
Cancer - Trachea, Bronchus, and	5,253	60.5	24,869	59	59.9
Cancer - Breast	1,262	28.6	6,091	28.4	26
Cancer - Prostate	787	18.4	4,341	20.9	29.9
Human Immunodeficiency	414	4.8	2,217	5.3	5.2
Septicemia	1,184	13.6	5,829	13.8	14.5
Diabetes Mellitus	2,255	26	11,273	26.7	27.6
Pneumonia and Influenza	1,820	21	9,163	21.7	23.3
Chronic Lower Respiratory	4,145	47.7	18,800	44.6	46.9
Chronic Liver Disease and	788	9.1	3,764	8.9	8.8
Nephritis, Nephrotic	1,549	17.8	7,161	17	17.9
Motor Vehicle Injuries	1,636	18.8	8,188	19.4	19.3
All Other Unintentional	2,448	28.2	10,670	25.3	26
Suicide	995	11.5	4,919	11.7	11.6
Homicide	655	7.5	3,080	7.3	7.2
Alzheimer's Disease	2,414	27.8	10,486	24.9	27.1

Source of data: NC State Center for Health Statistics

NEW CANCER CASES

- During 2000 to 2004, there was an average of 27 new cancer cases diagnosed per year among Hyde County residents
- The most common types of cancer are colorectal, lung, breast and prostate
- The breast cancer incidence rate for Hyde County was 1.5 times the state rate

Table 17. NUMBER OF NEW CANCER CASES 1995/1999 AND 2000/2004**

	1995 TO 1999		2000 TO 2004	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
COLON/RECTUM	22	17,428	17	21,555
LUNG/BRONCHUS	17	25,931	15	28,761
FEMALE BREAST	16	28,833	28	33,045
PROSTATE	8	22,857	21	27,869
ALL CANCERS	119	159,620	135	194,591

*** numbers represent the number of cases during a 5-year period; dividing these numbers by 5 will give an average yearly number of cases ; Source of data: data request from NC Central Cancer Registry*

Table 18. AGE-ADJUSTED CANCER INCIDENCE RATES

	1995 TO 1999		2000 TO 2004	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
COLON/RECTUM	66.5	47.4	44.5	52.5
LUNG/BRONCHUS	50.8	69.1	39.6	69.7
FEMALE BREAST	91.3	141.6	166.9	144.9
PROSTATE	52.2	143.9	134.3	154.7
ALL CANCERS	365.5	429.4	383.9	469.8

Source of data: data request from NC Central Cancer Registry

HOSPITALIZATIONS

- 689 hospitalizations during 2005;
- Hyde County hospitalization rate of 123.3 per 1,000 is higher than the state rate of 108.9

Table 19. 2005 HYDE COUNTY INPATIENT HOSPITAL UTILIZATION AND CHARGES BY PRINCIPAL DIAGNOSIS *

	TOTAL CASES	DISCHARGE RATE	AVERAGE DAYS STAY	TOTAL CHARGES	AVERAGE CHARGE PER CASE
INFECTIOUS & PARASITIC DISEASES	11	2.0	7.7	\$254,604	\$23,146
-- Septicemia	7	1.3	7.6	\$156,026	\$22,289
MALIGNANT NEOPLASMS	34	6.1	6.2	\$711,474	\$20,926
-- Colon, Rectum, Anus	3	0.5	7.7	\$52,883	\$17,628
-- Trachea, Bronchus, Lung	4	0.7	4.0	\$40,856	\$10,214
-- Prostate	3	0.5	3.0	\$36,271	\$12,090
BENIGN, UNCERTAIN & OTHER NEOPLASMS	7	1.3	6.1	\$112,438	\$16,063
ENDOCRINE, METABOLIC & NUTRIT. DISEASES	25	4.5	5.0	\$258,513	\$10,341
-- Diabetes	8	1.4	4.0	\$81,380	\$10,172
BLOOD & HEMOPOETIC TISSUE DISEASES	30	5.4	2.8	\$198,031	\$6,601
NERVOUS SYSTEM & SENSE ORGAN DISEASES	2	0.4	2.5	\$9,811	\$4,906
CARDIOVASCULAR & CIRCULATORY DISEASES	148	26.5	3.9	\$2,485,233	\$16,792
-- Heart Disease	93	16.6	3.8	\$1,796,556	\$19,318
-- Cerebrovascular Disease	36	6.4	4.2	\$444,103	\$12,336
RESPIRATORY DISEASES	78	14.0	3.4	\$625,812	\$8,023
-- Pneumonia/Influenza	27	4.8	3.9	\$234,046	\$8,668
-- Chronic Obstructive Pulmonary Disease	29	5.2	2.7	\$206,212	\$7,111
DIGESTIVE SYSTEM DISEASES	63	11.3	4.3	\$647,617	\$10,280
-- Chronic Liver Disease/Cirrhosis	3	0.5	6.3	\$89,881	\$29,960
GENITOURINARY DISEASES	46	8.2	3.0	\$405,624	\$8,818
-- Nephritis, Nephrosis, Nephrotic Synd.	11	2.0	4.6	\$177,668	\$16,152
PREGNANCY & CHILDBIRTH	66	11.8	2.7	\$408,104	\$6,183
SKIN & SUBCUTANEOUS TISSUE DISEASES	8	1.4	3.3	\$53,242	\$6,655
MUSCULOSKELETAL SYSTEM DISEASES	28	5.0	3.9	\$712,677	\$25,453
-- Arthropathies and Related Disorders	14	2.5	3.6	\$352,167	\$25,155
CONGENITAL MALFORMATIONS	2	0.4	3.5	\$55,108	\$27,554
PERINATAL COMPLICATIONS	5	0.9	2.6	\$12,882	\$2,576
SYMPTOMS, SIGNS & ILL-DEFINED CONDITIONS	27	4.8	2.4	\$160,761	\$5,954
INJURIES & POISONING	49	8.8	4.8	\$734,990	\$15,000
OTHER DIAGNOSES (INCL. MENTAL DISORDERS)	60	10.7	5.7	\$660,902	\$11,015
ALL CONDITIONS	689	123.3	4.0	\$8,507,825	\$12,348

Source of Data: NC State Center for Health Statistics * EXCLUDES NEWBORNS & DISCHARGES FROM OUT OF STATE HOSPITALS; (rates per 1,000 population)

Table 20. 2005 NORTH CAROLINA INPATIENT HOSPITAL UTILIZATION AND CHARGES BY PRINCIPAL DIAGNOSIS *

	TOTAL CASES	DISCHARGE RATE	AVERAGE DAYS STAY	TOTAL CHARGES	AVERAGE CHARGE PER CASE
INFECTIOUS & PARASITIC DISEASES	28,171	3.2	6.9	\$623,039,199	\$22,122
-- Septicemia	14,254	1.6	8.5	\$409,157,057	\$28,715
-- AIDS	2,011	0.2	8.0	\$51,608,993	\$25,663
MALIGNANT NEOPLASMS	34,016	3.9	7.1	\$897,992,364	\$26,403
-- Colon, Rectum, Anus	4,382	0.5	8.6	\$136,930,378	\$31,263
-- Trachea, Bronchus, Lung	4,799	0.6	7.6	\$127,365,291	\$26,540
-- Female Breast	1,830	0.2	2.8	\$25,271,647	\$13,810
-- Prostate	2,586	0.3	3.2	\$44,885,429	\$17,364
BENIGN, UNCERTAIN & OTHER NEOPLASMS	11,827	1.4	3.8	\$204,286,075	\$17,276
ENDOCRINE, METABOLIC & NUTRIT. DISEASES	37,959	4.4	4.5	\$515,002,039	\$13,570
-- Diabetes	15,528	1.8	5.2	\$224,887,685	\$14,486
BLOOD & HEMOPOETIC TISSUE DISEASES	11,405	1.3	4.5	\$163,809,576	\$14,367
NERVOUS SYSTEM & SENSE ORGAN DISEASES	12,790	1.5	5.7	\$230,050,640	\$17,988
CARDIOVASCULAR & CIRCULATORY DISEASES	164,525	18.9	4.9	\$4,202,367,231	\$25,546
-- Heart Disease	113,302	13.1	4.7	\$3,135,623,449	\$27,678
-- Cerebrovascular Disease	27,543	3.2	5.3	\$535,240,264	\$19,434
RESPIRATORY DISEASES	96,808	11.2	5.9	\$1,715,933,813	\$17,726
-- Pneumonia/Influenza	35,885	4.1	5.6	\$541,376,653	\$15,088
-- Chronic Obstructive Pulmonary Disease	30,235	3.5	4.5	\$347,088,113	\$11,480
DIGESTIVE SYSTEM DISEASES	91,574	10.5	5.0	\$1,606,171,882	\$17,542
-- Chronic Liver Disease/Cirrhosis	2,753	0.3	6.6	\$63,734,052	\$23,151
GENITOURINARY DISEASES	46,248	5.3	4.2	\$621,378,025	\$13,438
-- Nephritis, Nephrosis, Nephrotic Synd.	10,029	1.2	6.6	\$190,321,066	\$18,979
PREGNANCY & CHILDBIRTH	128,279	14.8	2.6	\$840,554,861	\$6,553
SKIN & SUBCUTANEOUS TISSUE DISEASES	15,207	1.8	5.8	\$202,899,274	\$13,345
MUSCULOSKELETAL SYSTEM DISEASES	52,410	6.0	4.1	\$1,460,669,118	\$27,872
-- Arthropathies and Related Disorders	23,913	2.8	4.1	\$675,644,365	\$28,254
CONGENITAL MALFORMATIONS	3,112	0.4	6.9	\$131,868,037	\$42,388
PERINATAL COMPLICATIONS	4,275	0.5	11.1	\$118,809,707	\$27,792
SYMPTOMS, SIGNS & ILL-DEFINED CONDITIONS	57,527	6.6	2.9	\$590,289,950	\$10,263
INJURIES & POISONING	73,651	8.5	5.7	\$1,825,133,085	\$24,785
OTHER DIAGNOSES (INCL. MENTAL DISORDERS)	75,447	8.7	7.8	\$927,309,935	\$12,300
ALL CONDITIONS	945,231	108.9	5.0	\$16,877,564,811	\$17,859

Source of Data: NC State Center for Health Statistics

INFANT MORTALITY

- there were no infant deaths in 2005 in Hyde County
- the average infant mortality rate 2000 to 2004 in Hyde County was greater than the state rate (13.8 versus 8.4 infant deaths per 1,000 live births)
- the average infant mortality rate in Hyde County increased from 10.2 to 13.8 from 1995/1999 to 2000/2004.
- Most infant deaths occur at the neonatal period (less than one month of age)

Table 21. INFANT DEATHS AND MORTALITY RATES

	NUMBER DEATHS		MORTALITY RATE*	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	1	935	15.9	9.2
1996	2	962	35.1	9.2
1997	0	982	0.0	9.2
1998	0	1037	0.0	9.3
1999	0	1034	0.0	9.1
2000	1	1034	16.1	8.6
2001	2	1005	35.1	8.5
2002	0	957	0.0	8.2
2003	1	967	17.9	8.2
2004	0	1050	0.0	8.8
2005	0	1077	0.0	8.8
Average 1995 to 1999	0.6	990	10.2	9.2
Average 2000 to 2004	0.8	1002.6	13.8	8.4

Source of data: NENCPPH analysis of Vital statistics data from Odum Institute for Social Science Research

Table 22. NEONATAL DEATHS AND MORTALITY RATES

	NUMBER DEATHS		MORTALITY RATE	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	1	653	15.9	6.4
1996	1	637	17.5	6.1
1997	0	696	0.0	6.5
1998	0	723	0.0	6.5
1999	0	764	0.0	6.7
2000	1	746	16.1	6.2
2001	1	705	17.5	6
2002	0	659	0.0	5.6
2003	1	669	17.9	5.7
2004	0	721	0.0	6
2005	0	751	0.0	6.1
Average 1995 to 1999	0.4	694.6	6.7	6.4
Average 2000 to 2004	0.6	700	10.3	5.9

Source of data: NENCPPH analysis of Vital statistics data from Odum Institute for Social Science Research

Table 23. POSTNEONATAL DEATHS AND MORTALITY RATES

Year	NUMBER DEATHS		MORTALITY RATE	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	0	282	0.0	2.8
1996	1	325	17.5	3.1
1997	0	286	0.0	2.7
1998	0	314	0.0	2.8
1999	0	270	0.0	2.4
2000	0	288	0.0	2.4
2001	1	300	17.5	2.5
2002	0	298	0.0	2.5
2003	0	298	0.0	2.5
2004	0	329	0.0	2.7
2005	0	326	0.0	2.6
Average 1995 to 1999	0.2	295.4	3.5	2.7
Average 2000 to 2004	0.2	302.6	3.5	2.5

Source of data: NENCPPH analysis of Vital statistics data from Odum Institute for Social Science Research

OVERWEIGHT AND OBESITY AMONG CHILDREN

- 27.2% of children (ages 2 to 18) in Hyde County were overweight and 18.0% were at-risk of being overweight.
- The prevalence of overweight among children in Hyde County increases with age. the prevalence for children 2 to 4 years was 21.8%, ages 5-11 was 28.8%, ages 12 to 18 was 31.7%

Table 24. AGES 2 TO 4 YEARS -- NUMBER AND PERCENT OF CHILDREN WHO ARE UNDERWEIGHT, NORMAL WEIGHT, OVERWEIGHT, AT RISK FOR BEING OVERWEIGHT (2005)

		HYDE	NORTH CAROLINA
UNDER WEIGHT	<i>number</i>	6	4,013
	<i>%</i>	6.9%	4.30%
NORMAL	<i>number</i>	51	61,008
	<i>%</i>	58.6%	65.70%
AT-RISK	<i>number</i>	11	14,292
	<i>%</i>	12.6%	15.40%
OVER WEIGHT	<i>number</i>	19	13,507
	<i>%</i>	21.8%	14.60%
TOTAL SCREENED	<i>number</i>	87	92,820
			100.00%

Source of data: www.eatsmartmovemorenc.com

Table 25. AGES 5 TO 11 -- NUMBER AND PERCENT OF CHILDREN WHO ARE UNDERWEIGHT, NORMAL WEIGHT, OVERWEIGHT, AT RISK FOR BEING OVERWEIGHT (2005)

		HYDE	NORTH CAROLINA
UNDER WEIGHT	<i>number</i>	6	498
	<i>%</i>	4.8%	3.50%
NORMAL	<i>number</i>	55	7,977
	<i>%</i>	44.0%	55.80%
AT-RISK	<i>number</i>	28	2,318
	<i>%</i>	22.4%	16.20%
OVER WEIGHT	<i>number</i>	36	3,500
	<i>%</i>	28.8%	24.50%
TOTAL SCREENED	<i>number</i>	125	14,293
			100.00%

Source of data: www.eatsmartmovemorenc.com

Table 26. AGES 12 TO 18 -- NUMBER AND PERCENT OF CHILDREN WHO ARE UNDERWEIGHT, NORMAL WEIGHT, OVERWEIGHT, AT RISK FOR BEING OVERWEIGHT (2005)

		HYDE	NORTH CAROLINA
UNDER WEIGHT	<i>number</i>	3	123
	<i>%</i>	5.0%	1.60%
NORMAL	<i>number</i>	28	4,168
	<i>%</i>	46.7%	53.00%
AT-RISK	<i>number</i>	10	1,422
	<i>%</i>	16.7%	18.10%
OVER WEIGHT	<i>number</i>	19	2,144
	<i>%</i>	31.7%	27.30%
TOTAL SCREENED	<i>number</i>	60	7,857
			100.00%

Source of data: www.eatsmartmovemorenc.com

Table 27. AGES 2 TO 18--NUMBER AND PERCENT OF CHILDREN WHO ARE UNDERWEIGHT, NORMAL WEIGHT, OVERWEIGHT, AT RISK FOR BEING OVERWEIGHT (2005)

		HYDE	NORTH CAROLINA
UNDER WEIGHT	<i>number</i>	15	4,634
TOTAL	<i>%</i>	5.5%	4.00%
NORMAL	<i>number</i>	134	73,153
	<i>%</i>	49.3%	63.60%
AT-RISK	<i>number</i>	49	18,032
	<i>%</i>	18.0%	15.70%
OVER WEIGHT	<i>number</i>	74	19,151
	<i>%</i>	27.2%	16.70%
TOTAL SCREENED	<i>number</i>	272	114,970
			100.00%

Source of data: www.eatsmartmovemorenc.com

PREGNANCY DATA

- During 2005, there were 69 reported pregnancies (69 per 100,000 women);
- The teen pregnancy rate for girls ages 15 to 17 in Hyde County was lower than the state rate (25 versus 36 per 1,000)
- The pregnancy rate for girls ages 18 to 19 in Hyde County was 2 times the state rate (200 versus 97 per 1,000)

Table 28. TOTAL NUMBER OF PREGNANCIES BY AGE AND YEAR

		NUMBER OF PREGNANCIES		PREGNANCY RATE*	
		HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
all ages	2000	70	124,695	54	62
	2001	64	146,044	57	70
	2002	67	144,035	60	69
	2003	62	145,867	58	69
	2004	61	149,933	59	71
	2005	69	151,588	69	71
10-14	2000	1	551	7	2
	2001	0	458	0	2
	2002	0	481	0	2
	2003	0	443	0	2
	2004	0	472	0	2
	2005	0	468	0	2
15-17	2000	6	6,676	51	45
	2001	3	6,319	34	41
	2002	1	6,134	12	38
	2003	7	5,864	89	36
	2004	6	5,937	72	36
	2005	2	6,024	25	36
18-19	2000	3	13,265	47	115
	2001	3	12,600	50	107
	2002	5	11,842	71	99
	2003	3	11,526	52	94
	2004	3	12,206	67	97
	2005	9	12,235	200	97
20-34	2000	50	110,949	99	131
	2001	51	109,745	128	126
	2002	54	108,659	137	124
	2003	47	110,409	117	125
	2004	47	113,175	117	127
	2005	46	113,718	120	127
35 and up	2000	10	15,663	22	24
	2001	7	16,092	17	25
	2002	7	16,033	18	25
	2003	5	16,967	14	26
	2004	5	17,471	15	27
	2005	12	18,387	37	28

Source of data: <http://www.schs.state.nc.us/SCHS/data/> ; numerator data obtained from pregnancies query; denominator data obtained from state demographer population data query;

*pregnancies per 1,000 women age 10-44 years

BIRTHS

- During 2005, there were 60 births in Hyde County (11.1 per 1,000 women);
- The average birthrate for 2000 to 2004 for Hyde County was lower than the state rate (10.3 versus 14.3 births per 1,000)

Table 29. NUMBERS OF BIRTHS AND BIRTHRATES

	NUMBER OF BIRTHS		BIRTHRATE (births per 1,000 population)	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	63	101,555	11.7	13.8
1996	57	104,428	10.5	13.9
1997	43	106,949	7.8	14
1998	64	111,631	10.8	14.3
1999	45	113,755	7.6	14.3
2000	62	120,247	10.7	14.9
2001	57	118,112	10.0	14.4
2002	60	117,307	10.5	14.1
2003	56	118,292	10.1	14
2004	56	119,773	10.1	14
2005	60	123,040	11.1	14.2
AVE 1995 to 1999	54	107,664	9.7	14.1
AVE 2000 to 2004	58	118,746	10.3	14.3

LOW BIRTHWEIGHT BIRTHS

- 7.3% of births in 2000-2004 in Hyde County had a low birth weight compared to 10.5% statewide
- 0.1% of births had a very low birth weight
- The prevalence of low birth weight and very low birth weight decreased from 1995/1999 to 2000/2004

Table 30. NUMBER AND PERCENT OF VERY LOW BIRTHWEIGHT BIRTHS

	NUMBER		PERCENT	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	5	1,875	0.8%	1.8%
1996	3	1,881	0.5%	1.9%
1997	1	2,045	0.2%	2.0%
1998	0	2,120	0.0%	2.1%
1999	2	2,186	0.3%	2.2%
2000	1	2,309	0.2%	2.3%
2001	2	2,293	0.3%	2.3%
2002	0	2,175	0.0%	2.1%
2003	0	2,118	0.0%	2.1%
2004	1	2,291	0.2%	2.3%
2005	0	2,300	0.0%	2.3%
Ave 1995 to 1999	2.2	2021.4	0.4%	2.0%
Ave 2000 to 2004	0.8	2,237	0.1%	2.2%

Source of data: NENCPPH analysis of Vital statistics data from Odum Institute for Social Science Research

Table 31. NUMBER AND PERCENT OF LOW BIRTHWEIGHT BIRTHS

	NUMBER		PERCENT	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
1995	8	8,841	12.7%	8.7%
1996	6	9,128	9.5%	9.0%
1997	6	9,449	9.5%	9.3%
1998	4	9,870	6.3%	9.7%
1999	5	10,108	7.9%	10.0%
2000	3	10,572	4.8%	10.4%
2001	4	10,579	6.3%	10.4%
2002	7	10,550	11.1%	10.4%
2003	5	10,647	7.9%	10.5%
2004	4	10,846	6.3%	10.7%
2005	5	11,353	7.9%	11.2%
Ave 1995 to 1999	5.8	9,479	9.2%	9.3%
Ave 2000 to 2004	4.6	10,639	7.3%	10.5%

Source of data: NENCPPH analysis of Vital statistics data from Odum Institute for Social Science Research

SEXUALLY TRANSMITTED DISEASES

- In 2006, there were 10 cases of Chlamydia, 2 cases of gonorrhea, 1 case of syphilis, and no reported new cases of HIV Disease
- The average Hyde County incidence rate for syphilis was 1.3 times the state rate respectively.

Table 32. HIV CASES AND INCIDENCE RATE

	NUMBER CASES		RATE*	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
2002	0	1,677	0.0	20.2
2003	3	2,038	54.1	24.2
2004	2	1,603	36.2	18.8
2005	1	1,846	18.5	21.3
2006	0	2,022	0.0	22.8
Average 2002 to 2006	1.2	1837.2	21.8	21.46

Source of Data: NC HIV and AIDS Prevention and Care Branch

** number of newly diagnosed cases per 100,000 persons*

Table 33. SYPHILIS CASES AND INCIDENCE RATE

	NUMBER CASES		RATE*	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
2002	0	271	0.0	3.3
2003	0	150	0.0	1.8
2004	0	192	0.0	2.2
2005	0	274	0.0	3.2
2006	1	309	18.7	3.5
Average 2002 to 2006	0.2	239.2	3.7	2.8

Source of Data: NC HIV and AIDS Prevention and Care Branch

** number of newly diagnosed cases per 100,000 persons*

Table 34. GONORRHEA CASES AND INCIDENCE RATE

	NUMBER CASES		RATE*	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
2002	3	15,353	52.3	184.7
2003	9	15,085	162.4	179.1
2004	8	15,198	144.9	177.9
2005	5	15,068	92.4	173.5
2006	2	17,310	37.4	195.4
Average 2002 to 2006	5	15,603	98	182

Source of Data: NC HIV and AIDS Prevention and Care Branch

* number of newly diagnosed cases per 100,000 persons

Table 35. CHLAMYDIA CASES AND INCIDENCE RATE

	NUMBER CASES		RATE*	
	HYDE	NORTH CAROLINA	HYDE	NORTH CAROLINA
2002	6	24,738	104.5	297.6
2003	9	26,065	162.4	309.5
2004	11	28,999	199.2	339.5
2005	10	31,183	184.7	359.1
2006	10	33,609	187.2	379.5
Average 2002 to 2006	9	28,919	167.6	337.1

Source of Data: NC HIV and AIDS Prevention and Care Branch

* number of newly diagnosed cases per 100,000 persons

ESTIMATES OF MEDICALLY UNINSURED

- 1,183 Hyde County residents ages 0 to 64 years are uninsured for health coverage (26.1% compared to 17.2% statewide)
- 12.7% of 0 to 17 year olds were uninsured and 30.0% of 18 to 64 year olds were uninsured

Table 36. NUMBER OF PERSONS AND PERCENT OF POPULATION UNINSURED

	<i>Ages 0-17</i>			<i>Ages 18-64</i>			<i>Ages 0-64</i>		
	<i>Number</i>	<i>Percent</i>	<i>Rank</i>	<i>Number</i>	<i>Percent</i>	<i>Rank</i>	<i>Number</i>	<i>Percent</i>	<i>Rank</i>
Hyde	131	12.7%	72	1,052	30.0%	99	1183	26.1%	99
North Carolina	241,763	11.3%		1,072,475	19.5%		1,314,238	17.2%	

Source of Data: <http://www.shepscenter.unc.edu>

ENVIRONMENTAL HEALTH DATA FOR HYDE COUNTY

- **Of the 40 children tested in Hyde County, 2 children (5.0%) had high blood lead levels, compared to 0.9% statewide**

North Carolina Childhood Blood Lead Surveillance Data

"Target Population" is based on the number of live births in preceding years. "Number Tested" is an unduplicated count of children tested for lead poisoning within the calendar year. "Percent Tested" is the number of children tested divided by the target population. "Percent Tested Among Medicaid**" is based on a data match of blood lead tests with Medicaid encounter data and includes ages 9-11 months. Children are counted as being tested for lead poisoning in successive years until they are confirmed to have a lead level ≥ 10 micrograms per deciliter ($\mu\text{g}/\text{dL}$). Confirmation is based on a child receiving two consecutive blood lead test results ≥ 10 $\mu\text{g}/\text{dL}$ within a six-month period. "Confirmed" lead levels are based on the confirmation date and are classified according to the highest level confirmed during the calendar year. The categories "Confirmed 10-19" and "Confirmed ≥ 20 " are mutually exclusive. The numbers reported for North Carolina Childhood Blood Lead Surveillance Data may vary somewhat from previous reports due to ongoing data

Source of data:

www.deh.enr.state.nc.us/ehs/Children_Health/BloodLeadTbl2005WithMedicaid.pdf

SOCIAL ISSUES DATA FOR HYDE COUNTY

Education

- Hyde County High School Dropout rate was 0.5% during the 2004-2005 school year (compared to 5.0% statewide)
- one 9th to 12 grader dropped out of school during the 2004-2005 school year

Child Abuse

- Families of 23 children were investigated for suspected child abuse in Fiscal year 2002 to 2003
- Based on the investigations, maltreatment was substantiated for 12 children (11.1 per 1,000 children in the county compared to 16.3 per 1,000 statewide)

Crime

- In 2005 in Hyde County, there were no rapes, no robberies, no aggravated assaults, no burglaries, 29 cases of larceny, and no motor vehicle thefts reported
- Hyde County rates were lower than state rates for all crime categories; rates tended to decrease over time

Table 37. SCHOOL DROPOUT RATE FOR GRADES 9 TO 12 (2004-2005)

Hyde County Schools	1	0.5
North Carolina	22,180	5.04

Source: North Carolina Department of Public Instruction; North Carolina Public Schools Annual Dropout Event Report, 2005-06; Dropout Data for Grades 9 through 12, Excluding Expulsions

Table 38. CHILD PROTECTIVE SERVICES DATA 2002 TO 2003

	HYDE	NORTH CAROLINA
Number of Reports Investigated	23	107157
Percent of Reports investigated	21.3%	51.8%
Number of Reports Substantiated	12	30,106
Rate of Reports Substantiated	11.1 per 1,000	16.3 per 1,000
Type of Abuse		
% Abuse	0%	7.30%
% Sexual	0%	3.50%
% Neglect	100%	90.90%
% Environmental	0%	47.60%
Number of Children in DSS Custody	5	9,831
Rate of Children in DSS Custody	4.6 per 1,000	4.8 per 1,000
Number of Child Abuse Homicides	0	30

Source of Data: Action for Children North Carolina <http://www.ncchild.org/images/stories/cpsccard2.pdf>

Table 39. NUMBER OF CRIMES IN HYDE COUNTY

Offense Category	1997	1998	1999	2000	2001	2002	2003	2004	2005
Rape		1		1		1			
Robbery	1		1						
Agg. Assault	6	8	2		7	1			
Burglary	50	36	15	10	6	6	1	1	
Larceny	73	87	41	30	43	29	27	49	29
MV Theft	6	4	5	2	1	0		1	
TOTAL	136	136	64	43	57	37	28	51	2

Source of Data: North Carolina State Bureau of Investigation at <http://sbi2.jus.state.nc.us/crp/public/Default.htm>

Table 40. CRIME RATES HYDE COUNTY

Year	Index Rate	Violent Rate	Property Rate	Murder Rate	Rape Rate	Robbery Rate	Assault Rate	Burglary Rate	Larceny Rate	MVT Rate	Arson Rate
1997	2,619.9	134.8	2,485.1			19.3	115.6	963.2	1,406.3	115.6	38.5
1998	2,575.8	170.5	2,405.3		18.9		151.5	681.8	1,647.7	75.8	18.9
1999	1,114.8	52.3	1,062.5			17.4	34.8	261.3	714.2	87.1	
2000	738.1	17.2	720.9		17.2			171.6	514.9	34.3	
2001	973.2	119.5	853.7				119.5	102.4	734.2	17.1	51.2
2002	644.4	34.8	609.5		17.4		17.4	104.5	505.1	0.0	
2003	479.0		479.0					17.1	461.9		
2004	891.6		891.6					17.5	856.6	17.5	
2005	514.0		514.0						514.0		

Source of Data: North Carolina State Bureau of Investigation at <http://sbi2.jus.state.nc.us/crp/public/Default.htm>

Table 41. NUMBER OF CRIMES IN NORTH CAROLINA

Year	Index	Violent	Property	Murder	Rape	Robbery	Assault	Burglary	Larceny	MVT	Arson
1996	399,369	42,623	356,746	623	2,263	11,903	27,834	97,133	235,312	24,301	2,676
1997	402,964	44,685	358,279	618	2,319	12,692	29,056	98,817	235,261	24,201	2,611
1998	398,417	43,630	354,787	607	2,286	12,100	28,637	98,952	231,242	24,593	2,371
1999	389,559	40,719	348,840	535	2,077	11,894	26,213	96,424	227,264	25,152	2,233
2000	391,207	39,609	351,598	563	2,115	12,439	24,492	96,988	229,601	25,009	2,263
2001	398,224	40,087	358,137	511	2,060	13,141	24,375	100,425	233,430	24,282	2,319
2002	386,703	38,352	348,351	548	2,150	12,119	23,535	98,233	225,562	24,556	2,367
2003	386,603	37,305	349,298	508	2,069	11,993	22,735	97,267	225,687	26,344	1,879
2004	383,408	38,074	345,334	522	2,282	11,502	23,768	98,264	220,058	27,012	1,983
2005	388,874	40,265	348,609	582	2,265	12,525	24,893	102,603	217,788	28,218	2,175

Source of Data: North Carolina State Bureau of Investigation at
<http://sbi2.jus.state.nc.us/crp/public/Default.htm>

Table 42. CRIME RATES NORTH CAROLINA

Year	Index Rate	Violent Rate	Property Rate	Murder Rate	Rape Rate	Robbery Rate	Assault Rate	Burglary Rate	Larceny Rate	MVT Rate	Arson Rate
1996	5,649.70	603	5,046.70	8.8	32	168.4	393.8	1,374.10	3,328.90	343.8	37.9
1997	5,592.50	620.2	4,972.30	8.6	32.2	176.1	403.3	1,371.40	3,265.00	335.9	36.2
1998	5,452.00	597	4,854.90	8.3	31.3	165.6	391.9	1,354.10	3,164.30	336.5	32.4
1999	5,266.80	550.5	4,716.20	7.2	28.1	160.8	354.4	1,303.60	3,072.60	340	30.2
2000	4,948.00	501	4,447.00	7.1	26.8	157.3	309.8	1,226.70	2,904.00	316.3	28.6
2001	5,005.10	503.8	4,501.30	6.4	25.9	165.2	306.4	1,262.20	2,933.90	305.2	29.1
2002	4,792.60	475.3	4,317.30	6.8	26.6	150.2	291.7	1,217.50	2,795.50	304.3	29.3
2003	4,711.80	454.7	4,257.10	6.2	25.2	146.2	277.1	1,185.50	2,750.60	321.1	22.9
2004	4,641.70	460.9	4,180.70	6.3	27.6	139.2	287.7	1,189.60	2,664.10	327	24.3
2005	4,617.90	478.1	4,139.70	6.9	26.9	148.7	295.6	1,218.40	2,586.20	335.1	25.8

Source of Data: North Carolina State Bureau of Investigation at
<http://sbi2.jus.state.nc.us/crp/public/Default.htm>

COMMUNITY CONCERNS AND OPINIONS

KEY INFORMANT SURVEY RESULTS

During the fall of 2007, a key informant survey was conducted among Hyde County community leaders. The health department identified 71 leaders representing a wide variety of occupations and organizations from each of Hyde County's townships to participate in the survey. A total of 49 surveys were completed (69% response rate)

The survey included questions about the economy, education, environment, health, housing, leisure activities, safety, social issues, transportation, and elder issues. The survey was self-administered. The survey also included open ended questions related to (1) assets in the community, (2) health needs of the community, and (3) addressing challenges and making decisions.

Following is a description of the people who responded to the survey:

Table 43. DEMOGRAPHICS OF KEY INFORMANT SURVEY RESPONDENTS

What is your age?	Frequency	Percent
1. 18 TO 24 YEARS	2	4.1%
2. 25 TO 39 YEARS	11	22.4%
3. 40 TO 54 YEARS	18	36.7%
4. 55 TO 64 YEARS	14	28.6%
5. 65 + YEARS	4	8.2%
Total	49	100.0%
How would you describe your race?	Frequency	Percent
Black	5	10.2%
White	44	89.8%
Total	49	100.0%
Where do you live?	Frequency	Percent
Currituck township	7	14.3%
Fairfield township	5	10.2%
Lake Landing township	10	20.4%
Ocracoke township	9	18.4%
Other	7	14.3%
Swan Quarter township	11	22.4%
Total	49	100.0%
Highest level of education completed?	Frequency	Percent
2. High school graduate	3	6.1%
3. Some college or vocational training	6	12.2%
4. Associate degree in college	16	32.7%
5. Bachelors degree	9	18.4%
6. Advanced degree	12	24.5%
7. Other	3	6.1%
Total	49	100.0%

Organizations and Industries Represented by respondents:

Agriculture	Elementary Guidance Counselor
Attorney	Fire Chief
Bank President	Health Board Member
Board of Education	Health Director
Chamber of Commerce Member	Healthcare (RN)
Childcare	Hyde County Sheriff's Department
Faith Based Organization	Middle School Principal
Book Mobile Library Service	Ocracoke School Counselor
Cooperative Extension (4-H)	Ocracoke School Principal
Cooperative Extension-Family and	Funeral Service Owner
Consumer Science	Physician
County Commissioner	Real Estate Agent
Davis Ventures Corp.	School Librarian
Department of Social Services	Store Owner

SUMMARY OF COMMUNITY SURVEY RESULTS

Table 44. PERCENT OF COMMUNITY MEMBERS REPORTING ISSUE AS A MAJOR PROBLEM

ISSUE	% MAJOR PROBLEM
Recreational Facilities	74%
Cultural Activities	69%
Chronic Disease	67%
Outdoor Recreation	63%
Affordable Health care	61%
Drug Abuse	61%
Obesity	57%
Poverty	56%
Affordable Childcare	53%
Unemployment	45%
Alcohol Abuse	45%
Affordable Housing	43%
Dental Health	41%
Substandard Housing	35%
Illiteracy	27%
Teen Pregnancy	25%
Public Transport	21%
Mental Illness	17%
Trash	16%
Lack of school equip	14%
Police Protection	14%
Family violence	14%
Racial Discrimination	14%
HIV & STDs	13%
Crime	10%
Pedestrian Safety	10%
Water Pollution	8%
Homelessness	8%
Overcrowded Housing	8%
Fire Protection	8%
Bicycle Safety	8%
Rundown Schools	6%
Injuries	6%
Gangs	6%
Unsafe Traffic conditions	6%
Unsafe Schools	2%
Overcrowded Schools	2%
Neighborhood noise	2%
Air Pollution	0%

COMPLETE RESULTS FOR EACH SURVEY QUESTION

Unemployment/Underemployment	Frequency	Percent
2. Minor problem	5	10.2%
3. Moderate problem	21	42.9%
4. Major Problem	22	44.9%
5. Don't know	1	2.0%
Total	49	100.0%

Poverty	Frequency	Percent
2. Minor problem	1	2.1%
3. Moderate problem	19	39.6%
4. Major Problem	27	56.3%
5. Don't know	1	2.1%
Total	48	100.0%

- We need to bring more business to the mainland
- There are jobs; people are lazy
- Loss of fishing industry
- Industries and fast food restaurants
- Lack of adequate jobs with benefits; affordable housing on Ocracoke
- Off season unemployment
- Lack of infrastructure; lack of skilled workers

Unsafe Schools	Frequency	Percent
1. Not a problem	13	27.1%
2. Minor problem	21	43.8%
3. Moderate problem	8	16.7%
4. Major Problem	1	2.1%
5. Don't know	5	10.4%
Total	48	100.0%

Rundown School buildings	Frequency	Percent
1. Not a problem	16	32.7%
2. Minor problem	17	34.7%
3. Moderate problem	11	22.4%
4. Major Problem	3	6.1%
5. Don't know	2	4.1%
Total	49	100.0%

Overcrowded Classrooms	Frequency	Percent
1. Not a problem	27	55.1%
2. Minor problem	8	16.3%
3. Moderate problem	6	12.2%
4. Major Problem	1	2.0%
5. Don't know	7	14.3%
Total	49	100.0%

Lack of equipment	Frequency	Percent
1. Not a problem	13	26.5%
2. Minor problem	11	22.4%
3. Moderate problem	10	20.4%
4. Major Problem	7	14.3%
5. Don't know	8	16.3%
Total	49	100.0%

- Lack of interest in getting an education!
- Ocracoke schools need more equipment--a new gym; someone is going to get seriously hurt
- Increase amount of physical activity in schools especially in elementary and middle school; awareness of career opportunities available both in/out of hyde county; increase of parental responsibility
- The local dollar base must be increased
- RETAINING TOP QUALITY TEACHERS
- WE NEED A STRONG DISCIPLINARIAN WHO HAS THE ABILITY TO MOTIVATE BOTH TEACHERS AND STUDENTS
- Recruitment of teachers willing to remain in Hyde county or from the area already
- Lack of incentives to attract new teachers
- Students seem to push issues or attitudes on teachers. More control of classrooms are needed
- Faculty needs more support and not all at the top in administration
- There needs to be a significant increase in local funding from the county for the school system
- Students should have available to them the best teachers and most current text books available. This does not happen; we have teachers that are there for 30+ years teaching the same information and the same way for all 30 years
- Good teachers
- No early childhood /preschool program
- Run down buildings at the high school
- Teachers not pushing kids hard enough

Water Pollution	Frequency	Percent
1. Not a problem	8	16.7%
2. Minor problem	15	31.3%
3. Moderate problem	18	37.5%
4. Major Problem	4	8.3%
5. Don't know	3	6.3%
Total	48	100.0%

Air Pollution	Frequency	Percent
1. Not a problem	21	42.9%
2. Minor problem	16	32.7%
3. Moderate problem	10	20.4%
5. Don't know	2	4.1%
Total	49	100.0%

Neighborhood Noise	Frequency	Percent
1. Not a problem	22	44.9%
2. Minor problem	16	32.7%
3. Moderate problem	7	14.3%
4. Major Problem	1	2.0%
5. Don't know	3	6.1%
Total	49	100.0%

Trash in neighborhood	Frequency	Percent
1. Not a problem	14	28.6%
2. Minor problem	13	26.5%
3. Moderate problem	13	26.5%
4. Major Problem	8	16.3%
5. Don't know	1	2.0%
Total	49	100.0%

- Trash removal for Ocracoke "pay as you throw" will not work. too many transients
- Spraying chemical for cotton and farm chemicals
- Recycling
- Street lighting is a problem
- Horse manure in the street
- Junky yards and buildings
- Nutrient management
- Ocracoke horse manure on roadside and in road
- Failure of county officials to enforce building codes

Chronic Diseases	Frequency	Percent
2. Minor problem	2	4.1%
3. Moderate problem	11	22.4%
4. Major Problem	33	67.3%
5. Don't know	3	6.1%
Total	49	100.0%

Lack of Affordable Health Care	Frequency	Percent
2. Minor problem	10	20.4%
3. Moderate problem	8	16.3%
4. Major Problem	30	61.2%
5. Don't know	1	2.0%
Total	49	100.0%

Alcohol Abuse	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	6	12.2%
3. Moderate problem	17	34.7%
4. Major Problem	22	44.9%
5. Don't know	2	4.1%
Total	49	100.0%

Drug Abuse	Frequency	Percent
2. Minor problem	2	4.1%
3. Moderate problem	14	28.6%
4. Major Problem	30	61.2%
5. Don't know	3	6.1%
Total	49	100.0%

Mental Emotional Illness	Frequency	Percent
2. Minor problem	9	18.8%
3. Moderate problem	26	54.2%
4. Major Problem	8	16.7%
5. Don't know	5	10.4%
Total	48	100.0%

HIV/AIDS/STDs	Frequency	Percent
2. Minor problem	9	18.8%
3. Moderate problem	15	31.3%
4. Major Problem	6	12.5%
5. Don't know	18	37.5%
Total	48	100.0%

Overweight/Obesity	Frequency	Percent
2. Minor problem	4	8.2%
3. Moderate problem	16	32.7%
4. Major Problem	28	57.1%
5. Don't know	1	2.0%
Total	49	100.0%

Injuries	Frequency	Percent
1. Not a problem	4	8.2%
2. Minor problem	20	40.8%
3. Moderate problem	12	24.5%
4. Major Problem	3	6.1%
5. Don't know	10	20.4%
Total	49	100.0%

Dental Health	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	5	10.2%
3. Moderate problem	16	32.7%
4. Major Problem	20	40.8%
5. Don't know	6	12.2%
Total	49	100.0%

- Affordable care
- Childhood obesity' lack of desired areas to exercise such as a track or walking course "lighted " off the main highway
- Lack of health care or choices of places to go and insurance
- Lack of doctors and nurses
- ONLY LIMITED NUMBER OF JOBS HAVE HEALTH AND DENTAL INSURANCE
- Lack of full time doctor; lack of dental care
- TB and MRSA
- Preventive medicine
- Lack of drug store in county
- Inactivity and lack of good nutrition; Medicaid; transportation on crowded vans and vehicles; lack of professionals, physicians, FNP's

Lack of Affordable Housing	Frequency	Percent
1. Not a problem	1	2.0%
2. Minor problem	7	14.3%
3. Moderate problem	18	36.7%
4. Major Problem	21	42.9%
5. Don't know	2	4.1%
Total	49	100.0%

Homelessness	Frequency	Percent
1. Not a problem	16	32.7%
2. Minor problem	19	38.8%
3. Moderate problem	4	8.2%
4. Major Problem	4	8.2%
5. Don't know	6	12.2%
Total	49	100.0%

Substandard Housing	Frequency	Percent
1. Not a problem	3	6.1%
2. Minor problem	11	22.4%
3. Moderate problem	15	30.6%
4. Major Problem	17	34.7%
5. Don't know	3	6.1%
Total	49	100.0%

Overcrowded Housing	Frequency	Percent
1. Not a problem	8	16.3%
2. Minor problem	14	28.6%
3. Moderate problem	21	42.9%
4. Major Problem	4	8.2%
5. Don't know	2	4.1%
Total	49	100.0%

- Lack of decent rental places
- No homeless shelters
- LACK OF AFFORDABLE HOUSING ON OCRACOKE; MANY DILAPIDATED BUILDINGS /HOUSES ON OCRACOKE AND ON MAINLAND
- Housing for school employees on Ocracoke
- While there is little homelessness, it is masked by individuals moving in with relatives.

Shortage of Recreational Facilities	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	2	4.1%
3. Moderate problem	8	16.3%
4. Major Problem	36	73.5%
5. Don't know	1	2.0%
Total	49	100.0%

Lack of Outdoor Recreational Activities	Frequency	Percent
1. Not a problem	4	8.2%
2. Minor problem	3	6.1%
3. Moderate problem	10	20.4%
4. Major Problem	31	63.3%
5. Don't know	1	2.0%
Total	49	100.0%

Lack of cultural activities	Frequency	Percent
2. Minor problem	6	12.2%
3. Moderate problem	8	16.3%
4. Major Problem	34	69.4%
5. Don't know	1	2.0%
Total	49	100.0%

- There has got to be more of such activities etc
- Hyde does not take advantage of resources for promoting tourism on the mainland, Ocracoke; use of federal land
- Need a recreation department
- Children lack exposure to cultural activities; parents use TV as babysitter

Crime	Frequency	Percent
1. Not a problem	5	10.2%
2. Minor problem	14	28.6%
3. Moderate problem	25	51.0%
4. Major Problem	5	10.2%
Total	49	100.0%

Gangs	Frequency	Percent
1. Not a problem	12	24.5%
2. Minor problem	22	44.9%
3. Moderate problem	7	14.3%
4. Major Problem	3	6.1%
5. Don't know	5	10.2%
Total	49	100.0%

Lack of police protection	Frequency	Percent
1. Not a problem	11	22.4%
2. Minor problem	8	16.3%
3. Moderate problem	23	46.9%
4. Major Problem	7	14.3%
Total	49	100.0%

Lack of fire protection	Frequency	Percent
1. Not a problem	12	24.5%
2. Minor problem	18	36.7%
3. Moderate problem	15	30.6%
4. Major Problem	4	8.2%
Total	49	100.0%

- Gangs on Ocracoke; our volunteer firemen are excellent; we need help with equipment, etc
- Neighborhood Watch
- Need more financial support from government for sheriff and fire protection
- Road kill of animals

Teen Pregnancy	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	6	12.2%
3. Moderate problem	20	40.8%
4. Major Problem	12	24.5%
5. Don't know	9	18.4%
Total	49	100.0%

Family Violence	Frequency	Percent
1. Not a problem	4	8.2%
2. Minor problem	10	20.4%
3. Moderate problem	20	40.8%
4. Major Problem	7	14.3%
5. Don't know	8	16.3%
Total	49	100.0%

Illiteracy	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	8	16.3%
3. Moderate problem	20	40.8%
4. Major Problem	13	26.5%
5. Don't know	6	12.2%
Total	49	100.0%

Racial discrimination	Frequency	Percent
1. Not a problem	5	10.2%
2. Minor problem	18	36.7%
3. Moderate problem	15	30.6%
4. Major Problem	7	14.3%
5. Don't know	4	8.2%
Total	49	100.0%

Lack of affordable childcare	Frequency	Percent
1. Not a problem	2	4.1%
2. Minor problem	3	6.1%
3. Moderate problem	13	26.5%
4. Major Problem	26	53.1%
5. Don't know	5	10.2%
Total	49	100.0%

- Affordable childcare on Ocracoke is a moderate problem
- Lack of black teachers in our schools
- Lack of day care centers
- Lack of childcare offered
- Alcohol Abuse
- Children are not being trained to be able to compete on global level--technology, science are not taught ____

Inadequate Public Transportation	Frequency	Percent
1. Not a problem	8	16.7%
2. Minor problem	15	31.3%
3. Moderate problem	14	29.2%
4. Major Problem	10	20.8%
5. Don't know	1	2.1%
Total	48	100.0%

Pedestrian	Frequency	Percent
1. Not a problem	20	41.7%
2. Minor problem	15	31.3%
3. Moderate problem	7	14.6%
4. Major Problem	5	10.4%
5. Don't know	1	2.1%
Total	48	100.0%

Bicycle Safety	Frequency	Percent
1. Not a problem	17	35.4%
2. Minor problem	18	37.5%
3. Moderate problem	8	16.7%
4. Major Problem	4	8.3%
5. Don't know	1	2.1%
Total	48	100.0%

Poor or Unsafe Traffic Conditions	Frequency	Percent
1. Not a problem	19	39.6%
2. Minor problem	21	43.8%
3. Moderate problem	5	10.4%
4. Major Problem	3	6.3%
Total	48	100.0%

- A problem on Ocracoke; we have no public transport; downtown pedestrian safety is very bad; bicycle safety and traffic conditions downtown is very bad;
- Low weight bridges need to be replaced
- NEED AREA FOR PEOPLE TO BIKE AND WALK; SAFE3TY ISSUE /ENCOURAGE EXERCISE; NEED WIDE (6 FOOT+) SHOULDERS BUT SEPARATE BIKE PATH BETTER
- Gas prices
- Some roads are in need of repair
- Poor traffic conditions on Ocracoke; poor maintained primary and secondary roads
- Speeding is a major problem
- Medicaid patients seeking transport for health care
- County is not supporting public transportation system or requiring county departments to use public transportation
- No other way to get to the store after 4 when transit stops; old people can't remember everything

Community Programs and Resources for Health

What programs, resources, or agencies are available for people to use in order to be healthy in this community?

Health Department
Ocracoke Child Care
Ocracoke Youth Center
Ocracoke Health Center
Part-time doctors facility in Engelhard;
Prescription delivery by O'Neals Drug Store;
Resources available at schools
Hydland health care; senior center
Department of social services
EMS services
Hyde County Transport
Senior Citizen's Center
Davis Center
Extension Program
Health Education through the health department and through the schools
Community college adult ed
Public library
Weight watchers
Hospice
Physician Assistant in Engelhard

Department of Social Services
Tideland Mental Health
Home health
LTC-Cross Creek
School System
Engelhard Medical Center
Medical Assistance Program for people without insurance
Hyde county Health Dept has a medicine assistance program that also is available to low income non-insured people
Dentistry
Mental Health
Cooperative Extension
Walking trails
Cooperative Extension
4-H
FCS
Pungo District Hospital
WIC;
Food Stamps Program

What are the 2 most important Health Needs of the Community?

Need more medical providers (5 respondents)

Need a doctor;

Absence of health care within the county

Lack of specialty health care

Mosquito Control (1 respondent)

The canal needs to be covered so it wont be a breeding ground and an eye sore

Obesity (13 respondents)

Cancer (11 respondents)

Diabetes (12 respondents)

Lack of exercise (1 respondent)

Heart disease (5 respondents)

Teens having sex (1 respondent)

Care for elderly (1 respondent)

Poor diet (3 respondents)

Smoking (1 respondent)

Hypertension (2 respondents)

Alcohol abuse and drug abuse (6 respondents)

Getting regular checkups (1 respondent)

Home Health (2 respondents)

Transportation to hospital (1 respondent)

Physical fitness (1 respondent)

Chronic diseases (1 respondent)

Lack of drug store (1 respondent)

Preventive healthcare (1 respondent)

Affordable care(2 respondents)

Affordable health insurance

Safe and adequate childcare (1 respondent)

Dental care (1 respondent)

Asthma (1 respondent)

ADHD (1 respondent)

Populations not reached by services

Elderly (14 respondents)

Transportation has become a problem

Homebound elderly

Young and old need more help

Poor(2 respondents)

Children(5 respondents)

Children who are being abused

Young and old need more help ;

Children-DSS needs a major overhaul. the people in dss are not near objective enough

Children need services related to physical activity;

Working middle class (5 respondents)

Spanish-speaking population (5 respondents)

Language barrier

They don't understand us

Uninsured people (2 respondents)

Teens (1 respondent)

African Americans (1 respondent)

Pride (may keep them from accessing services)

Are there services that you know are not fully taken advantage of?

Hyde Transit System (3 respondents)

Health Department (5 respondents)

Services offered by health dept people may not be aware of them

Adult Health

People avoid the health dept because they lack knowledge of its services

Cooperative Extension (3 respondents)

Lack of info on the programs

Family Consumer Science program

Eat Smart/Move More

Lack of desire by public to participate

DSS services (2 respondents)

I am really not sure but DSS could do much more; also more people need to take advantage

Mental health (1 respondent)

Fear of being stereotyped

SENIOR CENTER (1 respondent)

DAVIS CENTER (1 respondent)

Home health services (3 respondent)

Home health could be more available if proper funding available

Skilled long term care services; desire to stay in home setting

child service coordination-stereotype that there might be something wrong with your child

Reasons for Lack of Use:

Not enough promotion or awareness of services

Lack of knowledge

Services are not widely advertised

I don't think residents of Hyde county have anyone or any reference info to help them find people to help them

Pride

Education level

Because of pride

Are there specific services that might be needed that are not currently available?

- Effective home care; not just a helper; someone who is medically trained
- YMCA-swimming exercise, crafts, etc
- More places throughout the county that people can go for their health needs
- Living with diabetes
- Cancer
- Care taking skills
- BIKE PEDESTRIAN TRAILS
- A recreational facility where youth , middle age and elderly could exercise and improve their quality of life
- Diabetes management
- Exercise and extra activities
- Cancer info center-where to find financial and medical help
- Need more aids to help elderly and sick at home
- Transportation
- There needs to be health clinics set up throughout the county; much more education needs to take place in regards to health
- Mental Health services
- Home Health
- Dentists and Doctors
- Dental care; more recreational facilities (tennis court)
- Fitness; transportation
- I think there are many unknown cases of depression in our county; not sure how to resolve this
- Home Health on Ocracoke; school lunches
- Urgent Care facility; dentist; pharmacy; mental health care; health education programs; health support groups; hospital
- Dental; mental health
- Dental; eye care; pediatric sick care
- Diabetes case management;
- Home visits;
- Dental care
- Transport; insurance

If you were going to address a health challenge in the community, who would you try to involve in order to be successful?

- Health Center
- Politically connected people
- Government
- Schools
- Business
- All public related services
- Social services; Health Dept;
- Home Health (Albemarle Care)
- Senior Citizen organization
- TEACHERS AND MINISTERS
- Extension Services
- Health Dept
- School System
- Board of Commissioners
- Health Dept
- Chamber of Commerce
- NAACP
- Churches
- Schools
- Local businesses
- Community partners
- Hard to get past county government; you ask questions and they don't seem to hear concerns
- Health Dept
- DSS
- Schools
- Mental Health
- County System
- Providers of health services in are areas all types
- Ocracoke health center
- Health Center County Government
- Commissioners
- Chamber of Commerce; Cooperative Extension; Girl Scouts; Schools; county offices; Medical Center; Health Dept; Seniors
- Someone who isn't always wearing 3-4 hats!
- Health Dept; School System
- Ocracoke Civic and Business; Local Churches; School; PTA
- County Government
- State and Federal Government
- Local business; Service Group;
- Engelhard Development Corp;
- Churches; Health Dept; Cooperative Extension
- HCHD
- DSS
- Cooperative Extension
- Engelhard Medical Center
- Home Health
- Davis Ventures (gym, park)
- Health Dept;
- Belhaven, NC Physicians
- Churches (particularly Black and Latino)
- Engelhard Medical Center
- Health professionals
- Insurance Companies
- Social Services
- Health Department
- Sschools

COMMUNITY HEALTH ASSESSMENT PRIORITIES

Based on findings from the key informant survey combined with the health data, the Hyde County Health Department identified 12 key community health issues where the Hyde County rates exceeded the state rates, or for which community members expressed concern (see table 45).

On December 6th, the health department presented the health and community data to a group of community leaders. After reviewing and discussing the community health data, community members prioritized the top ten issues according to three criteria: Magnitude of the Problem, Level of Community Concern, and Feasibility of Correcting the Problem. (The priority selection worksheet is presented in the appendix of this report.) The following priority health issues were selected:

- #1 Diabetes/Chronic Diseases/ Overweight Population
- #2 Recreational Facilities and Activities
- #3 Access to Medical and Dental Care/ Medically Uninsured Residents

Table 45. IMPORTANT HEALTH INDICATORS FOR HYDE COUNTY

Community Indicator	Number People Affected	Rate	Comparison to North Carolina*	Level of Community Concern
Cancer	<u>16 deaths each year</u>	219.8 per 100,000	1.1 times NC rate	67.3% felt chronic diseases a major problem
	2 colorectal deaths per year	27.9 per 100,000	1.5 times NC rate	
	4 lung deaths per year	55.7 per 100,000	0.9 time NC rate	
	1.2 breast deaths per year	31.3 per 100,000	1.2 times NC rate	
	1 prostate death per year	34.4 per 100,000	1.2 times NC rate	
	<u>27 new cases per year</u>	383.9 per 100,000	0.8 times NC rate	
	3.4 colorectal cases per year	44.5 per 100,000	0.9 times NC rate	
	3 lung cases per year	39.6 per 100,000	0.6 times NC rate	
	5.6 breast cases per year	166.9 per 100,000	1.2 times NC rate	
	4.2 prostate cases per year	134.3 per 100,000	0.9 times NC rate	
	34 cancer hospitalizations per year	6.1 per 1,000	1.6 times NC rate	

Community Indicator	Number People Affected	Rate	Comparison to North Carolina*	Level of Community Concern
Diabetes & Chronic Diseases	5.2 diabetes deaths per year	72.9 per 100,000	2.6 times NC rate	67.3% felt chronic diseases a major problem
	20.4 heart disease deaths per year	255.6 per 100,000	1.1 times NC rate	
	3 stroke deaths per year	52.5 per 100,000	0.6 times NC rate	
	8 diabetes hospitalizations per year	1.4 per 1,000	0.8 times NC rate	
	93 heart disease hospitalizations per year	16.6 per 1,000	1.3 times NC rate	
	36 stroke hospitalizations per year	6.4 per 1,000	2 times NC rate	
Overweight Population	approx. 308 overweight kids	27% of 2 to 18 year olds	1.6 times NC rate	57.1% felt obesity a major problem
	approx. 205 at risk kids	18% of 2 to 18 year olds	1.1 times NC rate	
Teen Pregnancy	9 pregnancies among 18-19 year olds in 2005	200 per 1,000 girls	2 times NC rate	24.5% felt teen pregnancy a major problem
	2 pregnancies among 15-17 year olds in 2005	25 per 1,000 girls	0.7 times NC rate	
Uninsured Citizens	131 people age 0 to 17 years	12.7% of 0 to 17 year olds	1.1 times NC rate	61.2% felt lack of affordable care a major problem
	1,052 people age 18 to 64 years	30% of 18 to 64 year olds	1.5 times NC rate	
	1,183 people age 0 to 64 years	26.1% of 0 to 64 year olds	1.5 times NC rate	
Unemployment/Poverty	795 people below poverty	15% below poverty level	1.2 times NC rate	44.9% felt unemployment a major problem
	173 unemployed workforce	5.9% unemployed	1.2 times NC rate	

Community Indicator	Number People Affected	Rate	Comparison to North Carolina*	Level of Community Concern
Alcohol and Drug Abuse	0.4 liver disease deaths per year	5 deaths per 100,000	0.6 times NC rate	44.9% felt alcohol abuse a major problem
	3 cirrhosis hospitalizations per year	0.5 per 1,000	1.7 times NC rate	61.2% felt drug abuse a major problem
Dental Health	1139 children age less than 19 in Hyde County	2.94 decayed missing or filled teeth per child age 5	1.8 time NC rate	40.8% felt dental health a major problem
		1.03 decayed missing or filled teeth per child in 5th grade	2 times NC rate	
Affordable Housing	795 people below poverty			42.9% felt lack of affordable housing a major problem
Recreational & Cultural Activities and Facilities				73.5% felt lack of facilities a major problem 63.3% felt lack of outdoor activities a major problem 69% felt lack of cultural activities a major problem
Affordable Childcare	523 children less than 9 years of age in Hyde county			53.1% felt lack of affordable childcare a major problem
Inadequate Public Transportation	879 persons age 65+; 148 person age 85+			20.8% felt inadequate public transport a major problem

APPENDICES

KEY INFORMANT SURVEY TOOL

This year the Hyde County Health Department is conducting a Community Health Assessment in order to plan programs that will best meet the needs of county residents. To learn more about the needs of the county, we are surveying community leaders such as you. Please help by completing and sending back this survey by October 10th. You can use the self-addressed envelope to return it to the Hyde County Health Department.

We assure you that all information collected by this survey will be reported in a way that does not identify you by name in any way. In addition to interviewing community leaders, we are also analyzing health and other community data. We will send you a summary of the information we collect

If you have any questions about this survey or about the Hyde County Community Health Assessment, you can contact Linda Mayo at (252) 926-4200 or by email at lmayo@hydehealth.com.

NAME:

WHAT AGENCY OR ORGANIZATION DO YOU WORK FOR OR REPRESENT?

We would like to know what you think about Hyde County. Please take a few minutes to answer these questions. For each issue, please circle your answer that indicates you believe it is not a problem, a minor problem, a moderate problem or a major problem for people in Hyde County.

ECONOMY	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Unemployment	1	2	3	4	5
b. Poverty	1	2	3	4	5
c. Is there any other economic issue that you think is a problem in Hyde County? If yes, please describe:					
EDUCATION	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know

a. Unsafe schools	1	2	3	4	5
b. Rundown school buildings	1	2	3	4	5
c. Overcrowded classrooms	1	2	3	4	5
d. Lack of equipment (books, desks)	1	2	3	4	5

e. Is there any other educational issue that you think is a problem in Hyde County? If yes, please describe:

ENVIRONMENT	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Water pollution	1	2	3	4	5
b. Air Pollution	1	2	3	4	5
c. Neighborhood Noise or Street Lighting	1	2	3	4	5
d. Trash in the neighborhood	1	2	3	4	5
e. Is there any other environmental issue that you think is a major problem in Hyde County? If yes, please describe:					

HEALTH	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Alcohol abuse	1	2	3	4	5
b. Drug abuse	1	2	3	4	5
c. Mental illness	1	2	3	4	5
d. Lack of affordable medical care	1	2	3	4	5
e. Overweight and Obesity	1	2	3	4	5
f. Chronic Disease (diabetes, cancer, heart disease, etc)	1	2	3	4	5
g. Sexually transmitted diseases (HIV, gonorrhea, Chlamydia, etc)	1	2	3	4	5
h. Injuries	1	2	3	4	5
i. Dental Health	1	2	3	4	5
j. Is there any other health issue that you think is a major problem in Hyde County? If yes, please describe:					

HOUSING	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Lack of affordable housing	1	2	3	4	5
b. Substandard housing	1	2	3	4	5
c. Overcrowded housing	1	2	3	4	5
d. Homelessness	1	2	3	4	5
e. Is there any other housing issue that you think is a problem in Hyde County? If yes, please describe:					

LEISURE ACTIVITIES	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Shortage of recreational facilities (swimming pools, tennis courts, basketball hoops for example)	1	2	3	4	5
b. Lack of outdoor recreational activities	1	2	3	4	5
c. Lack of cultural activities (like concerts or museums, etc.)	1	2	3	4	5
f. Is there any other issue related to leisure activity that you think is a problem in Hyde County? If yes, please describe:					

SAFETY	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Crime	1	2	3	4	5
b. Lack of police protection	1	2	3	4	5
c. Lack of fire protection	1	2	3	4	5
d. Gangs	1	2	3	4	5
e. Is there any other safety issue that you think is a problem in Hyde County? If yes, please describe:					

SOCIAL ISSUES	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Teen pregnancy	1	2	3	4	5
b. Racial or ethnic discrimination	1	2	3	4	5
c. Family violence, abuse of children or	1	2	3	4	5
d. Illiteracy (people who can't read and write)	1	2	3	4	5
e. Lack of affordable childcare	1	2	3	4	5
f. Is there any other social issue that you think is a major problem in Hyde County? If yes, please describe:					

TRANSPORTATION	Not a problem	Minor Problem	Moderate Problem	Major Problem	Don't Know
a. Inadequate public transportation	1	2	3	4	5
b. Pedestrian Safety	1	2	3	4	5
c. Bicycle safety	1	2	3	4	5
d. Poor or unsafe traffic conditions (hazards or speeding or congestion)	1	2	3	4	5
g. Is there any other transportation issue that you think is a problem in Hyde County? If yes, please describe:					

ASSETS IN THE COMMUNITY

What programs, resources, or agencies are available for people to use in order to be healthy in this community?

Which are used most?

Which make the most impact on the community?

HEALTH NEEDS OF THE COUNTY

What do you think are the two most important health problems in this community?
Who in the community has need for services but is not being reached? (Are there people who aren't being served promptly? Why do you think that might be?)

Are there services that you know about that are not fully taken advantage of? (Why do you think that might be?)

Thinking about the community's health needs, are there specific services that might be needed that are currently not offered?

What are the biggest barriers that people face to accessing health services? (Access, transportation, insurance, provision of services)

Are there specific groups of people in your community who you feel face particular challenges related to health? (Youth, families, elderly)

ADDRESSING CHALLENGES AND MAKING DECISIONS

If you were going to address a health-related challenge in the community, who would you try to involve in order to be successful? (What individuals, organizations/agencies would you get involved to be successful?)

PLEASE TELL US A BIT ABOUT YOU: *Please circle your answers*

What is your age?

Under 18 years

18 to 24 years

25 to 39 years

40 to 54 years

55 to 64 years

65 years or above

How would you describe your race?

White

Black

American Indian

Latino

Other: _____

Where do you live?

Currituck township

Fairfield township

Lake Landing township

Ocracoke township

Swan Quarter township

Other: _____

What is the highest level of schooling you completed?

Less than high school

High school graduate or GED

Some college, but no degree

Associate degree in college

Bachelor's degree in college

Advanced degree in college

Other: _____

Rating/Prioritizing Community Health Issues

Recommended Criteria for Selecting Health Priorities

Magnitude of the Problem

How many persons does the problem affect, either actually or potentially?

Level of Community Concern

How important of a problem is the issue to community members?

Feasibility of Correcting

Is the problem amenable to intervention?

Is the intervention feasible scientifically as well as acceptable to the community?

What technology, knowledge, or resources are necessary to effect a change?

Is the problem preventable?

ISSUE	MAGNITUDE	+	CONCERN	+	FEASIBILITY	=	SCORE
Cancer		+		+		=	
Diabetes/Chronic Diseases		+		+		=	
Overweight Population		+		+		=	
Teen Pregnancy		+		+		=	
Uninsured Citizens		+		+		=	
Unemployment/Poverty		+		+		=	
Alcohol and Drug Abuse		+		+		=	
Dental Health		+		+		=	
Affordable Housing		+		+		=	
Recreational & Cultural Activities and Facilities		+		+		=	
Affordable Childcare		+		+		=	
Inadequate Public Transportation		+		+		=	

Description of Hyde County Health Resources

Hyde County Health Department

1151 Main St.
P.O. Box 100
Swan Quarter, NC 27885
252-926-4200
Linda Mayo, Health Director
lmayo@hydehealth.com
<http://www.hydehealth.com>

Programs offered by the health department include disease prevention and control, preparedness and response to emergent diseases and events, environmental health, home health, in-home aides, medication assistance, WIC nutrition and supplemental food, and personal health programs, such as family planning and child health. Some of the programs reach across county lines, such as home health and the medication assistance program, to provide the same quality of care to others.

Hydeland Home Care Agency

1151 Main St.
P.O. Box 100
Swan Quarter, NC 27885
252-926-3715
Linda Mayo, Health Director
lmayo@hydehealth.com
www.hydehealth.com/homehealth.htm

Hydeland Home Care Agency is a Medicare certified home health agency serving Hyde, Beaufort, and Washington counties since 1987. They provide services in the home where patients can remain as independent as possible in comfortable and familiar surroundings. Hydeland Home care accepts Medicare, Medicaid, most insurance plans and private pay. Services provided include: skilled nursing services, physical therapy services, occupational therapy services, nursing assistant and aide services (home health and Medicaid programs, Community Alternative Program (CAP) and Personal Care Services (PCS) and the homemaker program), medical supplies, arrangement of durable medical equipment, and infusion and parental therapy. Coverage is provided 24 hours a day, 7 days a week.

Engelhard Medical Center

34575 US 264
P.O. Box 277
Engelhard, NC 27824
252-925-7000

Hyde County Emergency Medical Services

1221 Main St.
P.O. Box 188
Swan Quarter, NC 27885
252-926-4375
David Warren, Director
ems@hydecountync.gov
www.hydecounty.org/government/ems.asp

Hyde County EMS operates at the Intermediate Level on the Mainland and at the Paramedic Level on Ocracoke to care for the citizens and visitors of Hyde County. Hyde County provides organized, professional emergency health care to citizens, and transportation to definitive and/or specialized care facilities, with service based on equal availability to all persons.

Community Home Care and Hospice

33460 US 264 #3
Engelhard, NC 27824
252-925-7159

www.communityhch.com

Hospice services are designed to support both the patient and family members. The core of hospice care is focused on: comfort, support, choice, enriching the quality of life and bereavement care. Community Hospice accepts reimbursement from Medicare, Medicaid, Champus/Tricare, Blue Cross Blue Shield and other third party payers. Arrangements are made for patients without insurance and social workers will help families apply for Medicaid and community resources.

Cross Creek Long Term Care Center

1719 Quarter Rd.
Swan Quarter, NC 27885
252-926-2143
Geri Weatherly, Administrator

Gweatherly@liberty-ltc.com

www.libertyhcs.com/lcnhyde/index.html

Cross Creek is an 80 bed Skilled Nursing Facility. The facility's convenient location allows it to provide long term care services to the residents of Hyde, Tyrell and Eastern Beaufort Counties. A wide variety of Skilled Nursing and Rehabilitation Services are available to meet the needs of residents in the area. Cross Creek also offers out patient rehabilitation services and hospice services.

Ocracoke Health Center

305 Back Rd.
P.O. Box 543
Ocracoke, NC 27960
252-928-1511

Albemarle Mental Health

1095 Main St.
Swan Quarter, NC 27885
252-926-3751

www.albemarlehc.org

Outpatient services are provided to individuals and members who are able to live in the community accessing mental health, substance abuse, or developmental disabilities services during the weekday. These services include individual, group and family counseling; vocational counseling; psychotherapy; psychological evaluations and psychiatric evaluations, which may include medication evaluations. Emergency walk-in services are available at all the units of the Center for individuals experiencing acute emotional or behavioral problems or problems resulting from abuse of alcohol or other drugs.

Roanoke Developmental Center (group home)

9400 Piney Woods Rd.
Fairfield, NC 27826
252-926-1833

Hyde County Department of Social Services

1430 Main St.
P.O. Box 220
Swan Quarter, NC 27885
252-926-4199
Gloria Spencer, Director
Gloria.Spencer@ncmail.net
www.hydecountry.org/government/social_services.asp

Hyde County Transit

1271 Main St.
P.O. Box 205
Swan Quarter, NC 27885
252-926-1637
Beverly Paul
hydetransit@mailcity.com
www.hydecountry.org/government/np-transit.asp

Hyde County Transit has many programs available, such as non-emergency medical transportation, transit services to the Mattamuskeet Senior Center, and the Rural General Public Program (RGP). HCT has a fleet of two 25-foot buses and four vans, three of which are wheelchair accessible. In 2006, HCT provided over 15,000 one-way trips for the residents of Hyde. For more specific information concerning transportation programs, please call the office.

Mattamuskeet Opportunities

69 Church St.
P.O. Box 36
Fairfield, NC 27826
252-926-3731
Alice Mackey
amackey@beachlink.com
www.hydecountry.org/government/np-matta_opportunities.asp

Mattamuskeet Opportunities is a program for persons having mental retardation and/or physical disabilities or mental illness. They serve persons age 16 years of age and above. Their mission is to identify and train the consumers to become as independent as possible in functioning at home, at work, and in the community.

Mattamuskeet Senior Citizens Center

160 Juniper Bay Rd.
Swan Quarter, NC 27885
252-926-1956
Darlene Berry
www.hydecountry.org/government/SeniorCenter.asp

Beaufort/Hyde Partnership for Children

979 Washington Square Mall

Washington, NC 27889

252-975-4647

Lisa Woolard, Executive Director

lisa@beaufortcountykids.org

www.beaufortcountykids.org

The Beaufort/Hyde Partnership for Children is a non-profit organization led by local volunteers, designed to provide programs and services for families and children in Beaufort and Hyde Counties, North Carolina. Their mission is to, in collaboration with community partners and resources, assist families in Beaufort and Hyde Counties to promote the social, physical, emotional and cognitive development of children under five years of age. The partnerships goals include: educating families on the importance of parental roles and responsibilities so children develop socially, physically, emotionally and cognitively, increasing the availability and utilization of quality early childhood experiences, and ensuring children are prepared for kindergarten. Contact them for more information on their programs.

Davis Ventures

33478 US 264

P.O. Box 95

Engelhard, NC 27824

252-925-3790

Michael Adams, Chairman

davishighventures@earthlink.net

www.hydecountry.org/government/np-davis_ventures.asp

Davis Ventures is a community services based non-profit organization, dedicated to the educational and development of Hyde County Youth. Through the organization will flow many services to the Engelhard area and surrounding communities. The corporation's programs will be focusing greatly toward area youth; however other sectors of the community will also benefit from their services. These services include: youth recreation, after-school activities, tutorial services, school homework room, community resource center, PC learning center, Saturday school, adult learning center, and sporting events.

Options to Domestic Violence

30 Oyster Creek Rd.

P.O. Box 93

Swan Quarter, NC 27885

252-926-3881

Susan Keusenkothen, Interim Director

Options2@beachlink.com

www.optionstodomesticviolence.com

www.hydecountry.org/government/np-domestic_violence.asp

Options to Domestic Violence & Sexual Assault, Inc. was established in 1983 to assist victims of domestic violence. In 1986, Options expanded its services to include victims of sexual assault and rape. The staff and volunteers of Options seek to provide emergency assistance to victims as well as provide community education and resources concerning these issues. Options serves a five county region that consists of Beaufort, Hyde, Martin, Tyrrell and Washington. The following services are provided: Toll-free 24 hour Crisis Line: 1-877-723-8390 or non-toll-free 252-946-3219, Emergency Shelter, Medical and Legal Referral, and Accompaniment Support Groups for Women & Children, Referral and Information Counseling, Educational Programs, (AMEN) Alternatives for Men, Program Resource Materials, and Sexual Assault Survivors Support Groups.

*All information about services provided at these organizations came from their individual websites.