

July 30, 2013

Dear Friends,

Healthy people live in healthy communities! Healthy communities are achieved through collaboration and commitment by the people that live in the communities where health is an important quality of life issue. I am confident the residents in the three counties served by our health district; Rutherford, Polk and McDowell desire a better quality of life. This past year in collaboration with Rutherford Regional Health System, The McDowell Hospital, St. Luke's Hospital and the Western North Carolina Health Network, we completed a community health assessment for each county. The assessments were shared with residents in each county which lead to prioritization of health issues to address in each county. The Community Health Improvement Plan, (CHIP), includes an overview of the process conducted as well as the top two or three areas with specific strategies to address the issues. Although there are more than two or three issues that emerged from the assessment, the CHIP will address only two or three specific areas for each county.

I encourage you to read the CHIP to see the specific information for your county, and the plans for addressing the priorities in the plan. The next step for you and us is not putting the document on a shelf, but to use it as our guide in working together to improve the health and quality of life for residents in Rutherford, Polk and McDowell counties.

Sincerely,

James H. Hines, Jr., Health Director Rutherford, Polk and McDowell Health District

2013

Polk County Community Health Improvement Plan

# CHIP



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WNCHEALTHYIMPAC

#### **2013 POLK COUNTY**

#### **COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)**

July 2013

#### ACKNOWLEDGEMENTS

This document was developed by Polk County, in partnership with St. Luke's Hospital and the Polk, Fit, Fresh & Friendly Coalition as part of a local community health assessment process. We would like to thank several agencies and individuals for their contributions and support in conducting this health assessment:

Linda Greensfelder, Polk Fit Fresh and Friendly Chairperson, Jimmi Buell, Family and Consumer Sciences Polk County Extension, Ellen Lawson and Kris Edwards, Nurse-Family Partnership, Mary Smith, Joann O'Sullivan, Community Transformation Grant Program, Kathy Woodham, St. Luke's Hospital, Basil Savitsky ARP Prevention Services, Jimmy Hines, Marjorie Vestal, Rachel Ross, Becky Koone, Rutherford Polk McDowell District Health Department.

This CHIP format draws heavily on the work of the Wisconsin Association of Local Health Departments and Boards (WALHDAB), particularly their Template Implementation Plan, as well as actual examples from Bexar County, Texas. This product was also informed by many other organizations, which can be found in the <a href="reference section">reference section</a> at the end of this document.

Our collaborative action planning process and community health improvement plan (CHIP) product were also supported by the technical assistance and tools available through our participation in WNC Healthy Impact, a partnership between hospitals and health departments in western North Carolina to improve community health.

Please contact Jimmy Hines, Health Director, Rutherford Polk McDowell Health District (jhines@rpmhd.org), if you have any questions or would like to discuss more about how to get involved in moving forward the strategies outlined in this community health improvement plan (CHIP).

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#### EXECUTIVE SUMMARY

#### Overview of CHIP Purpose and Process

The Community Health Improvement Plan (CHIP) is built upon relevant data from our Community Health Assessment as well as opportunities for improvement presented by community partners. Following is a summary of health related data for Polk County (2012).

#### List of Health Priorities

In 2008 the following Priorities were chosen:

- 1) Access to mental health and substance abuse services
- 2) Access to healthcare for the uninsured
- 3) Prevention
- 4) Obesity
- 5) Education

In 2012 the following Priorities were chosen:

- Reduce Chronic Disease (Diabetes) through Healthy Living, Physical activity, Nutrition
- 2) Access to Care
- 3) Tobacco, Substance Abuse

#### General Review of Data and Trends

#### *Population*

According to data from the 2010 US Census, the total population of Polk County is 20,510. In Polk County, as region-wide and statewide, there is a higher proportion of females than males (52.1% vs. 47.9%).

Table 1. Overall Population and Distribution, by Gender (2010)

Geography	Total Population (2010)	# Males	% Males	# Females	% Females
Polk County Regional	20,510	13,341	48.6	14,103	51.4
Total State Total	759,727 9,535,483	368,826 4,645,492	48.5 48.7	390,901 4,889,991	51.5 51.3

#### Older Adult Population Growth Trend

The age 65-and-older segment of the population represents a larger proportion of the overall population in Polk County and WNC than in the state as a whole. In terms of future health resource planning, it will be important to understand how this segment of the population, a group that utilizes health care services at a higher rate than other age groups, is going to change in the coming years.

Calculated from the figures in Table 6, the percent increase anticipated for each age group in Polk County between 2010 and 2030 is 24.0% for the 65-74 age group, 53.2% for the 75-84 age group, and 20.9% for the 85+ age group.

	-		-					-				
	2010 Census Data			2020 (Projected)			2030 (Projected)					
Geography	Total % Age 65 and Older	% Age 65- 74*	% Age 75-84	% Age 85+	% Age 65 and Older	% Age 65-74	% Age 75-84	% Age 85+	% Age 65 and Older	% Age 65-74	% Age 75-84	% Age 85+ *
Polk County	24.3	12.1	7.9	4.3	29.8	15.8	9.5	4.5	32.3	15.0	12.1	5.2
Regional Total	19.0	10.4	6.1	2.5	23.5	13.2	7.4	2.9	25.7	12.9	9.3	3.5
State Total	12.9	7.3	4.1	1.5	16.6	9.9	4.9	1.8	19.3	10.6	61.8	2.2
	1	1										

Table 6. Population Age 65 and Older (2010 through 2030)

#### Leading Causes of Death

The leading causes of death in Polk County are cancer, heart disease and chronic lung respiratory disease. Leading causes of death differ in rank order from the comparable lists for WNC or NC, most notably in a higher county placement for cancer.

Since total cancer is a very significant cause of death, it is useful to examine patterns in the development of new cases of cancer in the county.

Table 28. Rank of Cause-Specific Mortality Rates for the Fifteen Leading Causes of Death  $\,$ 

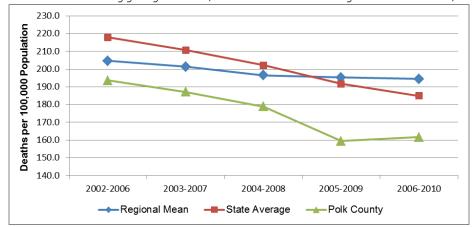
	(Five-Vear	Aggregate,	2006-2010)
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Leading Cause of Death	Polk	Polk County		WNC Mean		
Leading Cause of Death	Rank	Rate	Rank	Rate	Rank	Rate
Heart Disease	2	161.7	1	194.4	1	184.9
Total Cancer	1	167.2	2	180.3	2	183.1
Chronic Lower	3	43.4	3	51.1	4	46.4
Respiratory Disease	3	43.4	3	31.1	4	40.4
Cerebrovascular Disease	5	38.3	4	44.0	3	47.8
All Other Unintentional	4	38.9	5	42.9	5	28.6
Injuries	4	30.9	)	42.9	3	20.0
Alzheimer's Disease	6	32.2	6	30.7	6	28.5
Diabetes Mellitus	7	20.6	7	19.6	7	22.5

#### Heart Disease Mortality

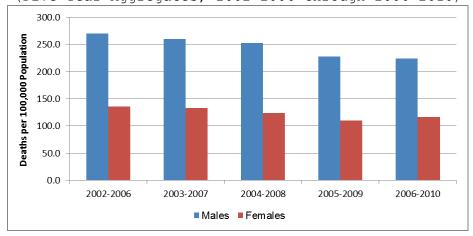
Heart disease is an abnormal organic condition of the heart or of the heart and circulation. It is also a major cause of disability. The most common cause of heart disease, coronary artery disease, is a narrowing or blockage of the coronary arteries, the blood vessels that supply blood to the heart itself. This is the major reason people have heart attacks. Heart disease was the second leading cause of death in Polk County in the 2006-2010 aggregate period.

Heart Disease Mortality Rate, Deaths per 100,000 Population Five-Year Aggregates (2002-2006 through 2006-2010)



Further subdivision of heart disease mortality data reveals a striking gender disparity. From these data it is clear that Polk County males have had a higher heart disease mortality rate than females for the past decade, with the difference as high as 103%.

Gender Disparities in Heart Disease Mortality, Polk County (Five-Year Aggregates, 2002-2006 through 2006-2010)



#### Lung Cancer

From these data it appears that lung cancer incidence in Polk County increased a dramatic 108.2% (from 30.6 to 63.7) between 1999-2003 and

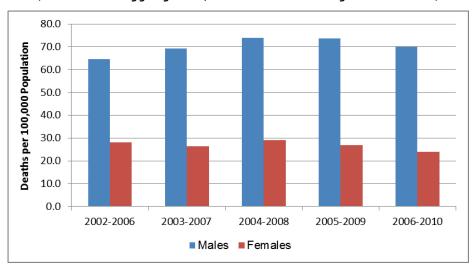
2005-2009. Since lung cancer mortality is already on the rise in the region, the increase in the incidence rate may portend additional lung cancer mortality in the future.

90.0 New Cass per 100,000 Population 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0.0 1999-2003 2000-2004 2001-2005 2002-2006 2003-2007 2004-2008 2005-2009 --- Regional Mean --- State --- Polk County

Lung Cancer Incidence, New Cases per 100,000 Population (Five-Year Aggregates, 1999-2003 through 2005-2009)

#### Gender Disparities in Lung Cancer Mortality

From this data it is clear that males experience disproportionately higher lung cancer mortality than females, with the lung cancer mortality rate among men from 2.3 to 2.9 *times* the rate among women over the period cited.



Gender Disparities in Lung Cancer Mortality, Polk County (Five-Year Aggregates, 2002-2006 through 2006-2010)

#### Tobacco

Polk County has a higher rate of smoking than our region, our state and our country. According to the graph below, 21.4% of the Polk population is currently smoking.

Tobacco use is the single most preventable cause of death and disease in the United States. Each year, approximately 443,000 Americans die

from tobacco-related illnesses. For every person who dies from tobacco use, 20 more people suffer with at least one serious tobacco-related illness. In addition, tobacco use costs the US \$193 billion annually in direct medical expenses and lost productivity. Preventing tobacco use and helping tobacco users quit can improve the health and quality of life for Americans of all ages. People who stop smoking greatly reduce their risk of disease and premature death. Benefits are greater for people who stop at earlier ages, but quitting tobacco use is beneficial at any age.

# 100% 80% 60% 40% 20% Polk WNC North Carolina United States

Current Smokers (WNC Healthy Impact Survey)

Sources: • 2012 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 86] 2011 PRC National Health Survey, Professional Research Consultants, Inc. • Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2010 North Carolina data. US Department of Health and Human Services. Healthy People 2020. December 2010. http://www.healthypeople.gov [Objective TU-1.1]

Notes: • Asked of all respondents.

ullet Includes regular and occasional smokers (every day and some days).

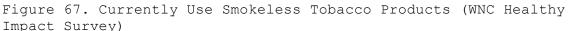
#### **Teen Substance Abuse**

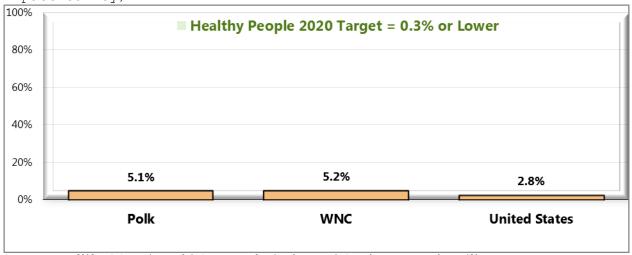
How many teens are using drugs in Western North Carolina?

Percentage of Students Who Have Ever Used During Their Lifetime

Grades	Prescription Drugs	Marijuana	Inhalants	Cocaine	Methamphetamines
9	21.1	15.5	19.0	7.0	3.8
10	24.1	17.1	14.3	6.9	3.
11	30.3	19.0	12.0	8.4	4.7
12	27.4	21.5	11.3	8.7	4.3
Grades	e of Students Who Use Alcohol Binge		Smoked Cigarettes	Mariju	<u>iana</u>
9	29.1 15		17.0	•	5.5
10	30.2	.0	21.9	17	7.1
11	41.0 23	.0	23.4	19	0.0
12	42.5 29	.0	26.1	21	1.5

Source: Western North Carolina High School Drug Use (YRBS 2009)





- 2012 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 43]
  2011 PRC National Health Survey, Professional Research Consultants, Inc.
  US Department of Health and Human Services. Healthy People 2020. December 2010. http://www.healthypeople.gov [Objective TU-1.2]
- Asked of all respondents.
  - Includes regular and occasional users (every day and some days).

#### Smoking During Pregnancy

Smoking during pregnancy is an unhealthy behavior that may have negative effects on both the mother and the fetus. Smoking can lead to fetal and newborn death, and contribute to low birth weight and pre-term delivery. In pregnant women, smoking can increase the rate of placental problems, and contribute to premature rupture of membranes and heavy bleeding during delivery (March of Dimes, 2010).

Table below shows the number and percent of births resulting from pregnancies in which the mother smoked during the prenatal period -13.8% in Polk County for the period of 2005 - 2009. The corresponding target for Healthy North Carolina's 2020 is 6.8% by 2020.

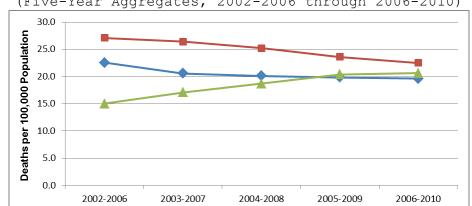
Births to Mothers Who Smoked During the Prenatal Period (Five-Year Aggregates, 2001-2005 through 2005-2009)

	2001-200	2001-2005		2002-2006		2003-2007		2004-2008		9
Geography	#	olo	#	8	#	%	#	8	#	ક
Polk County	129	15.2	120	14.8	116	14.5	104	13.3	108	13.8
Regional Total	7,496	22.4	7,442	22.1	7,361	21.7	7,106	21.2	6,919	20.6
State Total	76,712	12.9	74,901	12.4	73,887	11.9	72,513	11.5	70,529	11.0

#### Diahetes

Diabetes is a disease in which the body's blood glucose levels are too high due to problems with insulin production and/or utilization. Over time, having too much glucose in the blood can damage the eyes, kidneys, and nerves. Diabetes can also lead to heart disease, stroke and even the need to remove a limb (US National Library of Medicine).

Diabetes was the seventh leading cause of death in Polk County in the 2006-2010 period. Overweight/obesity and being older are risk factors for diabetes.



Diabetes Mellitus Mortality Rate, Deaths per 100,000 Population (Five-Year Aggregates, 2002-2006 through 2006-2010)

Note: There is some instability in the regional mean rates because each includes one or more unstable county rate.

Regional Mean

#### Summarized Action Plan

Polk County is a small rural county with limited resources to address health priorities. The Health Coalition is led by a volunteer board with no staff support at this time. This situation presents some challenges to Polk County's capacity to address health priorities through a well-organized, collaborative approach. The action plans in this CHIP reflect those partnerships that have overcome these challenges to establish collaborations that are working well to achieve our goals.

The Polk Fresh Fit and Friendly Health Coalition Board chose to prioritize actionable strategies that will lead to a reduction in diabetes as well as other chronic diseases. Key strategies to address chronic disease especially diabetes are: increasing consumption of fresh fruits and vegetables, increasing opportunities to be physically active, increasing participation in diabetes management programs and education.

Strategies to prevent substance abuse including tobacco use include: policies for smoke-free government building and community campuses, increased training and education about tobacco and other drugs in Polk public schools and among WIC and Health Department clients, improved smoking cessation programs and referrals.

#### Monitoring and Accountability

The Rutherford Polk McDowell District Health Department (RPMHD) and the Polk Fit Fresh and Friendly Health Coalition serve as organizing bodies for ensuring accountability. Programs will be monitored by the

agencies administering the programs. RPMHD will monitor the action plans for this CHIP and convene community collaboratives and stakeholders to address any gaps that could occur.

#### CHAPTER 1 - INTRODUCTION

#### What is a Community Health Improvement Plan (CHIP)?

A Community Health Improvement Plan, or CHIP, is an action-oriented strategic plan outlining the priority health issues for a defined community, and how these issues will be addressed, including strategies and measures, to ultimately improve the health of the community. CHIPs are created through a community-wide, collaborative action planning process that engages partners and organizations to develop, support, and implement the plan. A CHIP is intended to serve as a vision for the health of the community and a framework for organizations to use in leveraging resources, engaging partners, and identifying their own priorities and strategies for community health improvement.

This CHIP is intended to help focus and solidify each of our key partner agency's commitment to improving the health of the community in specific areas. The goal is that through sustained, focused effort on this overarching framework, a wide range of public health partners and stakeholders engaged in assessment, planning, and action will be able to document measured improvement on these key health issues over the coming years.

The next phase will involve broad implementation of the action plan details included in this CHIP, and monitoring/evaluation of the CHIP's short-term and long-term outcomes and indicators.

This 2013 CHIP is focused on creating plans within a six month to three-year timeline. The community health improvement process is iterative and involves continuous monitoring; we plan to release an annual update of this document in December 2013, and again in December 2014. The next community health assessment will be conducted in 2015.

#### How to Use this CHIP

This CHIP is designed to be a broad, strategic framework for community health, and will be a "living" document that will be modified and adjusted as conditions, resources, and external environmental factors change. It has been developed and written in a way that engages multiple voices and multiple perspectives. We are working towards creating a unified effort that helps improve the health and quality of life for all people who live, work, and play in our county.

We encourage you to review the priorities and goals, reflect on the suggested intervention strategies, and consider how you can join this call to action: individually, within your organizations, and collectively as a community. To get involved or for questions about the purpose of this document, please contact Jimmy Hines, Health Director, jhines@rpmhd.org, <a href="www.RPMHD.org">www.RPMHD.org</a> or Marjorie Vestal, marjorie.vestal@gmail.com.

#### Connection to the 2012 Community Health Assessment (CHA)

Community health assessment (CHA) is the foundation for improving and promoting the health of a community. CHA, as a process and product, is a key step in the continuous community health improvement process. The role of CHA is to identify factors that affect the health of a population and determine the availability of resources within the county to adequately address these factors.

The 2012 Polk County CHA process and products were designed to provide a rich set of data for our county and its partners to use in identifying major health concerns and issues. The information collected through this process, and the priorities identified, were considered in setting the priorities for our county, which are included in this CHIP<sup>1</sup>.

#### WNC Healthy Impact

WNC Healthy Impact is a partnership between hospitals and health departments, and their partners, in western North Carolina to improve community health. As part of a larger, and continuous, community health improvement process, these partners are collaborating to conduct community health (needs) assessments across western North Carolina. See <a href="www.WNCHealthyImpact.com">www.WNCHealthyImpact.com</a> for more details about the purpose and participants of this regional effort. The regional work of WNC Healthy Impact is supported by a steering committee, workgroups, local agency representatives, and a public health/data consulting team.

#### Community Transformation Grant Program

The Centers for Disease Control and Prevention (CDC) continues its long-standing dedication to improving the health and wellness of all Americans through the Community Transformation Grant (CTG) Program.

CTG will design and implement community-level programs that prevent chronic diseases such as cancer, diabetes, and heart disease. In Polk, the CTGP commits to increasing signage for Farmer's Markets and offering support for smoke-free policies.

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<sup>&</sup>lt;sup>1</sup> In some guidance documents, including National Public Health Accreditation standards, the CHIP includes details on the priority setting process. However, in the state of North Carolina, Local Health Department Community Health Assessment process and product includes the priority setting process, and the CHIP here is intended to document efforts involved in action planning that follow the collaborative setting of priorities in each county.

#### CHAPTER 2 - COMMUNITY HEALTH ASSESSMENT PROCESS

Community health assessment (CHA) is the foundation for improving and promoting the health of county residents. Community-health assessment is a key step in the continuous community health improvement process. The role of CHA is to identify factors that affect the health of a population and determine the availability of resources within the county to adequately address these factors.

A community health assessment (CHA), which refers both to a process and a document, investigates and describes the current health status of the community, what has changed since a recent past assessment, and what still needs to change to improve the health of the community. The process involves the collection and analysis of a large range of secondary data, including demographic, socioeconomic and health statistics, environmental data,



as well as primary data such as personal self-reports and public opinion collected by survey, listening sessions, or other methods. The document is a summary of all the available evidence and serves as a resource until the next assessment. Together they provide a basis for prioritizing the community's health needs, and for planning to meet those needs.

#### Community Engagement

In the random-sample survey that was administered in our county as part of this community health assessment, 200 community members completed a questionnaire regarding their health status, health behaviors, interactions with clinical care services, support for certain health-related policies, and factors that impact their quality of life. In addition, the Polk Fresh, Fit and Friendly Coalition, St. Luke's Hospital and the Rutherford Polk McDowell Board of Health were involved in:

Local data review and analysis, prioritization of Health Issues, promoting and organizing the Health Forum to present CHA data to the public and to facilitate the choosing of priorities. These groups will continue to work as a team to create and follow through on Community Health Improvement Plans (CHIPs) throughout the next four years.

#### Prioritization Process & Criteria

A Community Health Forum was held at Isothermal Community College, Polk Campus, on January 17, 2013. The Polk County Community at large was presented with the CHA information contained in this report. Breakout sessions were held to get community input in the following areas:

Chronic Disease including: Diabetes, High Blood Pressure, Obesity, High Cholesterol, Healthy Eating and Active Living, Substance Abuse including Tobacco, Economy and Health, Access to Care. Moving forward, Community partners realized that "Economy and Health" did not have a leader and therefore could not be addressed at this time.

Through several Health Coalition Board meetings, it was decided to make diabetes reduction a priority because there is sufficient collaboration to address this priority comprehensively throughout our community. We see that strategies to reduce diabetes overlap with strategies to reduce other chronic diseases.

Chapter 3 - Priority One: Reduce Diabetes
Through A Comprehensive Approach

#### Situational Analysis

Our data shows Polk County suffers from many conditions that are largely preventable: heart disease, lung diseases, obesity and overweight, and diabetes. Our CHIP is designed to promote the adoption of healthy lifestyle changes.

Partnerships among several committed providers have led our Health Coalition to highlight our work in diabetes reduction. While we have chosen to focus on diabetes reduction, we see that our strategies will also result in a reduction in obesity, heart disease, stroke, lung disease and more.

A variety of settings for health interventions will allow us to achieve a collective impact in reaching our goals. We see the benefit of working with individuals, groups, families and institutions to reach our goal.

Working across the life span, we will work to encourage breastfeeding. The health effects of breastfeeding infants are well documented. Breastfeeding decreases many risks, including

#### Why Walk???

Walking has tremendous health benefits.

Find a quiet road to explore, walking can be a central component of your fitness routine.

Try for 30 minutes each day

### What can walking do for you?

- Improve health of heart and lungs
- Burn body fat
- Calories are burned faster
- Help control appetite
- Increase energy
- Help relieve stress
- Elevate mood
- Slow aging
- Reduce cholesterol
- Lower blood pressure
- Strengthen
- Reduce stiffness in joints

# Check out the Polk Walking Paths and Trails Map:

http://www.polkfitfreshandfrie ndly.org/uploads/1/0/8/7/108759 27/mapfinal.pdf childhood overweight and obesity. Children who are not breastfed are more likely to be overweight and obese than those who are breastfed.

Polk Fit Action Team has created a Walking Paths and Trails Map to promote active lifestyles. Our plan includes expanding the reach of the map and integrating it into medical and community settings.

Through enhancing farmers markets, we intend to increase consumption of fresh local fruits and vegetables.

With policy level work, we will increase smoke-free community college campuses thus reducing the harmful effects of secondhand smoke. Connecting people to needed resources for health improvements is a key to our success.

#### Spotlight on Success: Growing Cycle

#### **Bike-to-Farm Tour**

With over 300 farms in this 200-square-mile county, agriculture is a thriving part of the Polk economy. In addition to Christmas trees and hay and corn for animal consumption, Polk County farmers produce soybeans, sweet potatoes and a wide variety of small yield food crops. Dairy, beef, and pork are also a mainstay of the county's agricultural sector. Polk County agriculture centers on small family farms (under 50 acres), many of them organic. Driving down any scenic back road in the Foothills,



farms dominate the landscape, contributing to the area's tourism economy with their scenic beauty.

Despite the wealth of farm products available in the county, nutrition in Polk County remains poor. Currently, only 11 percent of the adult population receives the recommended daily allowance of fruits and vegetables. Research indicates a strong link between low consumption of fruits and vegetables and the development of diabetes, which continues to rise in Polk County. In addressing diabetes in Polk County, one strategy adopted by the health department is increasing visits to local farmer's markets. The Polk County office of the North Carolina Cooperative Extension Service is a partner in this strategy.

The Extension Service is uniquely positioned to help promote fresh produce consumption because of its relationships with local farmers. In addition to its work providing training for farmers, the Extension Service has long emphasized the connection between agriculture/gardening and health through its Healthy Cooking classes and other programs aimed at integrating agriculture into family and community life. But physical activity is also a key pillar in a healthy lifestyle. In strategizing on how to integrate it with nutrition programs, Polk County Extension agent Jimmi Buell hit upon an idea: connecting physical activity to fresh produce through one of the region's most popular sports: road biking.

While several Polk County farms participate in Appalachian Sustainable Agriculture Project (ASAP)'s annual farm tour (designed to introduce the public to the farmers who grow their food), Buell—an avid biker—saw the potential to take the tour idea even further. Instead of driving from farm to farm, tour participants could bike the roughly 10 miles between each farm, through rolling hills past some of the county's most scenic landscapes. At each stop, there would be an opportunity to sample fresh produce, meet the farmers, and participate in the life of the farm, learning something about farm production during their stop. During its pilot year, the tour was held in the conjunction with ASAP's tour. The first official Growing Cycle Tour was held in 2012.

The 2013 Growing Cycle Tour begins at the Parker-Binns Winery and makes stops at two farmer's markets, four farms and an additional winery along the way. The 37-mile itinerary is not strenuous, but because of the hills, would be challenging for someone with no biking experience, says Buell. The farms on the tour offer a range of products from pasture-raised rabbits and chickens to cheese, grass-fed heritage turkeys, and raspberries. Goat and bison farms produce dairy products and meat. Chardonnay, merlot and cabernet sauvignon wines are bottled at the Tour's vineyard. The Tour ends with a farm-to-table meal made with ingredients from the farms, including pizza made in the winery's brick oven, topped with pesto made onsite and peach ice cream made from local orchard peaches.

The 2012 Growing Cycle Tour had 25 participants and this year's tour is expected to sell out. It's a bike tour, yes, says Buell, but mostly it's a "foodie tour," introducing the surprisingly diverse array of farm products grown in this small Western North Carolina county.

Buell herself took up riding as a way to lose weight and get fit. She hopes that the tour will change the eating habits of those who participate and raise awareness about the links between nutrition, physical activity and wellness. The added benefit of the tour is that it helps build community, introducing local bike enthusiasts to the farmers who grow their food. Polk County's farms make it more beautiful and have the potential to make it a healthier, too. The Growing Cycle Farm Tour is a step toward combining the county's most valuable assets to benefit the health of its residents.

#### Partners

Addressing diabetes is complex and will require the collaborative planning, action, and coordination of multiple partners in our community. The following partner agencies and organizations are engaged in efforts to improve healthy lifestyles in our community.

Organizations:	Primary Focus or Function	Website or Contact Information
RPMHD	Breastfeeding Counseling, WIC	www.rpmhd.org Becky Koone (828) 223-3900
Mill Spring	agricultural development,	http://www.nc-mountains.org/links/346
Agricultural	farmland preservation, education,	
Development	community service and business	
Center	development.	
NC Cooperative	Healthy Cooking Classes, Bike to	Jimmi Buell
Extension	Farm Tour, more	Extension Agent, Family and Consumer Sciences,
		http://polk.ces.ncsu.edu
		jimmi_buell@ncsu.edu
		(828) 894-8218
St. Luke's	Diabetes Case Management,	http://www.saintlukeshospital.com
Hospital	Healthy Menu Options in Cafeteria	
Polk Wellness	Integrated Care, Diabetes	http://polkwellness.org/index.html
Center	Education	
PF3	Support for Healthy Lifestyles	http://www.polkfitfreshandfriendly.org/index.html
Polk Community	Grant funding to increase	http://polkccf.org/
Foundation	participation at farmers markets	
	including low income	
Community	Access to Farmer's Markets, T.A.	http://www.cdc.gov/communitytransformation
Transformation	for EBT expansion, marketing	
Grant	materials	
Polk Fit Action	Trail Maps. Website. Active Living	http://www.polkfitfreshandfriendly.org/uploads/1/0
Team	by Design.	/8/7/10875927/mapfinal.pdf
		http://www.activelivingbydesign.org
Polk County	Farm Markets, Events	http://www.polkcountyfarms.org/home.html
Farms		

#### Priority One: Reducing Diabetes

#### Action Plan

#### Vision of Impact

sWe envision a mountain community working together to make healthy choices easier by improving access to physical activity and healthy food options where community members live, learn, work, and play. We further envision that efforts designed to reduce diabetes will also have a positive effect on heart disease, obesity and other chronic diseases that are a concern in Polk County.

Community Objectives	Baseline/Indicator Source
Reduce Diabetes	
1. By December 2015, reduce the percentage of adults with diabetes by .5%	Current: 11.3% (2012 CHA)
each year for 3 years. (per 100,000 population)	Target 12/15: 9.7%
Related Healthy NC 2020 Objective: By December 2020, reduce the	
percentage of adults with diabetes (per 100,000 population) to	Target 2020: 8.6% (BRFSS)
2. By December 2015, increase percentage of adults consuming	Current: 11.4% (2012 CHA)
recommended daily servings of fruits and vegetables from 11.4% to 15%	Target: 12/15: 15%
Related Healthy NC 2020 Objective: Increase the percentage of adults who	BRFSS
report they consume fruits and vegetables five or more times per day	[2020 Target: 29.3%]

#### Strategy 1 - Increase Access to Fresh Fruit and Vegetables

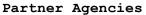
Goal: Reduce Diabetes .5% per year by increasing consumption of Fresh Fruits and Vegetables.

#### Strategy Background

Source: State Indicator Report on Fruits and Vegetables 2009. Centers for Disease Control and Prevention.

www.fruitsandveggiesmatter.gov/indicatorreport Evidence Base: North Carolina's Plan to Address

Type of Change: community, policy



Lead: Polk Agricultural Development Center - Farmers Markets

Collaborating: Community Transformation Grant Project, NC Cooperative

Extension

Supporting: All members of the PF3 Health Coalition

#### Strategy Objective #1:

Example: By December 2014, increase the number of visitors to local

Farmers Markets.

Indicator: A .5% increase over 2013 visitors as measured by Farmers

Market

#### Action Plan

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what is being	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
done?)				
Cooperative	Staff time	Increase knowledge of	Verbal feedback	Sept 2013
Extension does		how to prepare local		
cooking demos		fresh produce		
Increased signage	CTG providing	More awareness of	Signs in place, direct	By September
	funding for signs	farmers markets	feedback from visitors to	2013
			farmers markets	
CTG to develop	staff time and	Photovoice display to	Review of deliverable	By December 2015
photovoice project	volunteers; photo	use with stakeholder		
to help tell story of	equipment and	communication		
need for change.	supplies			

Strategy Objective #2: Increase fruit and vegetable consumption in Polk county through increasing sales at Farmers Markets.

Indicator: Volume of sales of fruits and vegetables at Farmers Markets.

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)

Increased Signage at	CTG Staff time	More Awareness, more	Sales records	12/13
Farmers Markets		patronage		,
EBT capacity, Mill	Funds for operation,	Increased sales from EBT	Sales records	12/15
Spring Ag Center	staff time to manage,			
	bookkeeping			
Incentives to use EBT	Funds to purchase	Increased sales from EBT	Sales records	12/15
	incentives, staff to			
	coordinate			
Cooperative	Staff time, funds to	Increased sales	Coupons turned in	6/13
Extension gives	purchase incentives			6/14
incentives to spend				
with vendors				
Cooperative	Staff time, partnering	Produce sales, new	Sales records	6/13
Extension and Mill	farms	customers for farmers		6/14
Spring Ag Center				
sponsor Farm Tour				

#### Strategy 2 - Increase Physical Activity

<u>Goal:</u> Reduce diabetes through increasing opportunities to be physically active.

#### Strategy Background:

Sources: Families Eating Smart and Moving More

http://www.eatsmartmovemorenc.com/FamiliesESMM/FamiliesESMM.html
http://www.polkfitfreshandfriendly.org/uploads/1/0/8/7/10875927/mapfin
al.pdf

Evidence Base: Environmental and Policy Approaches to Increase Physical Activity: Creation of or Enhanced Access to Places for Physical Activity Combined with Informational Outreach

Activitieswww.thecommunityguide.org/pa/environmental-policy/improvingaccess.html

Partner Agencies

Lead:Community Transformation Grant Program

Collaborating:PF3 Health Coalition Supporting:Cooperative Extension



Strategy Objective #1: By December 2014, Update, Print, Promote and
Distribute Trail Map

Indicator: Number of Maps Distributed to Stakeholders

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Convene	CTG Staff time,	Input gained for map	Minutes from	October 2013
Stakeholders to	Partners time	updates	meetings	

gain input to				
Map updates				
Update Trail	Volunteer time PF3	Trail maps will	Verify new copy of	December 2013
Maps	members, CTG	include new	map	
	staff time	messages, updated		
		addresses		
Print Maps	Budget \$1000	Maps printed	Maps printed	December 2013
Distribute to	Volunteer time PF3	Maps Distributed to	Partners verify receipt	March 2014
Partners	members, CTG staff time	6 locations	of Maps	
<u> </u>				D 1 2014
Partners	Partners staff time	Maps given to target	Partners track	December 2014
Distribute to		population	distribution to	
target			clients/the public	
population				
Partners	Partners staff time	Maps promoted	Verify link to map on	December 2015
promote Maps			websites	
on line/websites				

#### Strategy 3 - Increase Breastfeeding

Goal: Reduce Diabetes by Increasing Breastfeeding Initiations

**Rationale:** The health effects of breastfeeding infants are well documented. Breastfeeding decreases many risks, including childhood overweight and obesity. Children who are not breastfed are more likely to be overweight and obese than those who are breastfed.

#### Strategy Background

Source: Breastfeeding Report Card 2012, United States.

Evidence Base: www.cdc.gov/brastfeeding/data/reportcard2.htm.

Type of Change: Individual, Family. Likely to address disparities.

#### Partner Agencies

Lead: Rutherford Polk McDowell District Health Department

Collaborating: St. Luke's Hospital

Supporting: NC Cooperative Extension, Polk Wellness

Strategy Objective #1: By December 31, 2015, the proportion of North Carolina infants who are breastfed will increase to 75 % and the proportion of infants who are breastfed for at least six months will increase to 50%.

Indicator: Number breastfed.

www.cdc.gov/brastfeeding/data/reportcard2.htm. North Carolina's Obesity

Prevention Plan Objective 3B.

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)

Increasing	Peer counselor Staff	More promotion, more	Training attendance	December 2013
percentage of WIC	training and staff time,	evidence based	records, staff time records	December 2014
mothers		programming and		
breastfeeding		education		
Increased collective	RPMHD task force	More communication and	More clinician involvement,	December 2015
impact	participation increase,	education	attendance records	
	including clinicians			
Increase Lactation	Medical staff training	Increased awareness of	Attendance records,	December 2015
Consulting in medical	and promotion, flyers,	risks of not breastfeeding	referral system records	
settings	website, referral	and benefits of		
	system			
Events to promote	Promotional materials,	Increase awareness of	More referrals to peer	August 30, 2013
world Breastfeeding	volunteer time	peer counseling program	counseling, number of	
Week			contacts made, number	
			reached through media	
Breastfeeding	Staff, space for	Mothers will attend and	Mothers will attend	December 2015
support group	meetings	gain support		

#### Strategy 4 - Diabetes Education, Management & Prevention

#### Goal: Reduce Percentage of Diabetes by .5% per year

#### Strategy Background

Source: NC's Plan to Address Obesity

Evidence Base: Healthy North Carolina 2020: A Better State of Health

Type of Change: individual, family, community

#### Partner Agencies

Lead: Polk Wellness Center

Collaborating: St. Luke's Hospital, NC Cooperative Extension

Supporting: Polk Fit Action Team

#### Strategy Objective #1: Increase Diabetes Education and Self-management

Indicator: Number of classes offered in Polk by partners, number attending

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Diabetes Self-	Staff Time – Polk	Self-management will	2015 Community Health	12/15
management	Wellness, St. Luke's, NC	increase among target	Survey	
<b>Education Programs</b>	Cooperative Ext.	population		
Home Demonstrations	NC Cooperative Ext.	Plant exchanges and	Verbal feedback from	8/13
and plant exchanges in	staff time, trained	information gained about	participants	
African American	volunteers to do home	growing food		
Homes/neighborhoods	demonstrations			
Increase number of	Staff time NC	Gain knowledge of	Record number of classes	6/13, 8/1/13, 6/14,
Healthy Cooking and	Cooperative Extension	healthy food preparation	and number attendees	6/15
food preservation		and food preservation		
Classes and Demos				
Healthier Menu	Staff time St. Luke's	Increased nutrition,	Evaluations from patients	12/13
Options at Hospital	kitchen.	reduced diabetes risks	and staff	

## CHAPTER 4 - PRIORITY TWO: REDUCE SUBSTANCE ABUSE AND TOBACCO USE

#### Situational Analysis

Substance use and abuse are major contributors to death and disability in North Carolina. Addiction to drugs is a chronic health problem. People who suffer from abuse or dependence are at risk for premature death, comorbid health conditions, injuries and disability.

Therefore, prevention of misuse and abuse of substances is critical. In Polk County, we have seen that substance abuse creates difficulties for families and our community. Reducing illicit drug use will also help to reduce crime and motor vehicle crashes and fatalities.

A <u>Communities That Care Survey</u> was conducted at Polk High School in 2008. There is a plan to repeat that survey or another survey to update the data on knowledge, behaviors and attitudes of alcohol and tobacco and other drug use.

From Communities That Care Survey in 2008:

Polk County High School students recorded lifetime prevalence-of-use rates for alcohol (51.5%), cigarettes (31.7%), smokeless tobacco (20.4%) and marijuana (18.8%). Other lifetime prevalence rates ranged from 0.5% for LSD/Psychedelics to 6.9% for inhalants.

There was no reported lifetime methamphetamine or heroin use. The rate of illicit drug use excluding marijuana is summarized by the indicator "any illicit drug (other than marijuana)," with 10.0% of surveyed students reporting use of these drugs in their lifetimes.

Polk County High School students reported the highest past-30-day prevalence-of- use rates for alcohol (23.6%), cigarettes (14.4%), smokeless tobacco (9.0%) and marijuana (8.4%).

Tobacco Use

Focusing prevention planning in high risk and low protection areas could be especially beneficial.

By becoming more involved with their communities, young people are more likely to develop healthy norms that reduce the risk of involvement in antisocial behavior.

Polk CTC Survey 2008

Tobacco use is the single most preventable cause of death and disease in the United States. Each year, approximately 443,000 Americans die from tobacco-related illnesses. For every person who dies from tobacco use, 20 more people suffer with at least one serious tobacco-related illness. In addition, tobacco use costs the US \$193 billion annually in direct medical expenses and lost productivity. Preventing tobacco use and helping tobacco users quit can improve the health and quality of life for Americans of all ages. People who stop smoking greatly reduce their risk of disease and premature death. Benefits are greater for people who stop at earlier ages, but quitting tobacco use is beneficial at any age.

#### Spotlight on Success

#### ARP Prevention Services

The likelihood of becoming involved with drugs and other risky behaviors grows with the presence of risk factors (e.g., perception that drugs aren't harmful) and decreases with the presence of protective factors (e.g., parental support). The earlier the intervention through education and support, the less likely a child will turn to drugs and alcohol. For those who have already begun using, outpatient treatment can be key to avoiding the downward spiral that so often leads to crisis.

ARP Prevention Services works with schools, human service organizations, businesses and communities to provide technical and programming assistance to reduce risk factors and increase protective factors. This leads to overall physical, mental/emotional and spiritual wellness.

## Priority Two - Reduce Substance Abuse and Tobacco Use Action Plan

#### Vision of Impact

We envision a community where healthy and life-enhancing behaviors are the norm.

Community Objectives  Reducing smoking rates will improve health outcomes and extend life expectancy.	Baseline/Indicator Source NC IOM Healthy NC 2020
By December 2015, decrease the number of adults who are current smokers from 21.4% to 19.9%      Related Healthy NC 2020 Objective: Decrease the number of adults who	2012 Healthy Impact Survey: 21.4% NC 2020 target: 15%
2. By December 2015, decrease the percentage of high school students reporting lifetime cigarette smoking from 31.7% to 25%.	Communities that Care Survey Polk 2008 – 25% NC 2020 target: 15%
Community Objectives Prevent and reduce rates of drug addiction and misuse of illicit drugs.	Ţ.
3. Reduce the percentage of individuals' aged 12 and older reporting any illicit drug use in the past 30 days.  Related Healthy NC 2020 Objective: Reduce the percentage of individuals' aged 12 and older reporting any illicit drug use in the past 30 days.	Current in NC State: 7.8% NC 2020 Target: 6.6%

#### Strategy 1 - Adopt Policy for Smokefree College Campus

#### Goal: Reduce percentage of current smokers

#### Strategy Background

 $\textbf{Source:} \verb|www.surgeongeneral.gov/library/secondhandsmoke/factsheets/factsheet4| heet4| html.$ 

Evidence Base: Office of the Surgeon General. The health consequences

of involuntary exposure to tobacco smoke

Type of Change: Policy

#### Partner Agencies

Lead: Isothermal Community College

Collaborating: Community Transformation Grant Program Supporting: Rutherford Polk McDowell Health District

Strategy Objective #1: By December 2014, develop a student led movement

leading to new policy.

Indicator: Draft of Policy for Board consideration

#### Action Plan

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Teen tobacco cessation facilitator training	CTG staff time, volunteers	Facilitators will be trained	Training attendance records	9/13
Find and educate allies	CTG staff time, volunteers	Allies will join efforts	Contacts list	12/14
Provide resources on how to quit, posters on quitting	CTG staff time, volunteers	Educational materials and Posters will be displayed	Verify placement on campus	12/14
Make a communication plan	CTG staff time, volunteers	Plan in place	Verify plan	12/14
Plan signage for campus	CTG staff time, volunteers	Order signs	Signs delivered and ready to erect	12/14
Make an implementation plan	CTG staff time, volunteers	Plan in place	Verify plan	12/14
Make an enforcement plan	CTG staff time, volunteers	Plan in place	Verify plan	12/14

Strategy Objective #2: By December 2014, gain support for Smoke-free Policy from College Board of Directors

Indicator: New smoke-free campus policy accepted

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Gain approval to	RPMHD staff time,	Approval	Approval verified	12/14
present plan for	Board Trustees time			
100% Tobacco Free				
campus to Trustees				
Work with ICC staff	RPMHD and CTG staff	Plan improved and ready	Verify plan	12/14
to further develop	time			
plan				
Organize advisory	CTG staff time,	Find and educate allies	List of Committee members	12/14
committee	volunteers			
Draft Policy	RPMHD and CTG staff	Policy will be drafted	Verify	12/14
	time			
Final Plan	RPMHD staff time,	Policy will be accepted	Policy on record at ICC –	12/15
Acceptance	Board Trustees time		Polk	

#### Strategy 2 - Smoking Cessation Referrals

Goal: Reduce percentage of current smokers and pregnant women who smoke

#### Strategy Background

Source: http://www.uspreventiveservicestaskforce.org/uspstf/uspstbac2.h

tm#supporting

Evidence Base: US Preventive Services Task Force

Type of Change: Individual, Family

#### Partner Agencies

Lead: St. Luke's Hospital

Collaborating: Rutherford Polk McDowell Health District, WIC, NFP

**Programs** 

Supporting: Community Transformation Grant Program

#### Strategy Objective #1: Screen & Refer smoking clients to local cessation

services

Indicator: Number of smoking clients referred, number of classes offered

locally

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
NFP creates	Staff time, educational	Client motivated to enroll	Enrollment record, self-	12/13, 12/14, 12/15
awareness of	material	in class	report	
smoking risks				
NFP makes referral	Staff time, local	Client enrolled	Enrollment record	12/14, 12/14
to local program	cessation classes			
Client attends classes	Transportation,	Client attends and	Enrollment records	12/14
	affordable fee structure	completes program		
Client reduces	Staff time, incentives,	Client reduces use	Self-report and ETO report	12/14
cigarette use	Good programs			
NFP follows up with	Staff time	Improved birth outcomes	ETO and NFP quarterly	12/14
client			reports	

#### Strategy 3 - Promote NC Quit Line

Goal: Reduce percentage of current smokers and pregnant women who smoke

#### Strategy Background

Source: www.thecommunityguide.org/tobacco/cessation/providerreminderedu

.html

Evidence Base: CDC Increasing tobacco use cessation

Type of Change: Community, individual

#### Partner Agencies

Lead: Rutherford Polk McDowell Health District

Collaborating: St. Luke's Hospital, Polk Wellness Center

Supporting: Community Transformation Program

Strategy Objective #1:By December 2015, launch countywide campaign to create awareness of Quit Line and smoking cessation classes.

<u>Indicator</u>: Number of partners involved in Quit Line and smoking cessation

promotion will increase by 1 community partner per year.

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Nurse Family	Staff time	Smokers will use Quit line	Self-report	December 2013
Partners will refer				
smokers to quit line				
WIC counselors will	Staff time	Smokers will use Quit line	Self-report	December 2013
refer smokers to quit				
line				
Physicians will refer	Staff time	Smokers will use Quit line	Self-report	December 2013
smokers to quit line				
NFP includes	Staff time	Increased awareness of	Calendar	December 2014
smoking cessation		smoking cessation		
info on calendar		resources		

#### Strategy 4 - Increase Community Capacity for Prevention

#### Goal: Reduce illicit drug use. Reduce underage drinking.

#### Strategy Background

Source: www.samhsa.gov/about/siDocs/introduction.pdf

Evidence Base: NIDA InfoFacts: treatment approaches for drug addiction

Type of Change: Community, individual

#### Partner Agencies

Lead: ARP Prevention Services

Collaborating: Polk County Schools, Ministerial Alliance, Parks and

Recreation, 4-H clubs

Supporting: Rutherford Polk McDowell Health, Community Transformation

Program

<u>Strategy Objective #1</u>: By December 2015, enhancement of protective factors through increasing training and communication among community partners.

<u>Indicator</u>: Number of partnering agencies receiving training in substance abuse prevention will increase by one community partnering agency per year.

Activity	Resources Needed	Anticipated Result	Result Verification	Target Date
(what?)	(who? how much?)	(what will happen?)	(how will you know?)	(by when?)
Deliver Developmental Assets Training to Polk School system,	ARP staff time, school staff time	School staff will gain prevention skills and common prevention language.	Attendance records and evaluations, select members will serve as communicators within community	March 2014
Deliver Dev. Assets training to Parks and Rec., Youth services Organization	Youth Organizations leaders time, ARP staff time	Youth leaders will gain prevention skills and common prevention language,	Attendance records and evaluations, select members will serve as communicators within community	March 2014
Deliver Dev. Assets training to Ministerial Alliance	ARP staff time, minister's time	Ministers will receive training & will gain prevention skills and common prevention language, ,	Attendance records and evaluations, select members will serve as communicators within community	March 2014
Develop community action team to work with new prevention language and skills together	ARP Staff time, partners time	Partners will improve prevention skills, share information and practice new common language	Action Team meeting attendance records and minutes	December 12-15

#### CHAPTER 5 - NEXT STEPS

We will continue to work with a wide range of community partners to modify this Community Health Improvement Plan (CHIP) in the months and years ahead in Polk County. This CHIP will be used by partner organizations to complete agency specific reporting of roles and responsibilities (e.g., our health department and local hospitals), as well as informing agency strategic plans across the county where appropriate.

This CHIP will be widely disseminated electronically to partner organizations and used as a community roadmap to monitor and evaluate our collective efforts.

Dissemination of this CHIP will also include making it publicly available on the Rutherford Polk McDowell District Health Department website (<a href="www.rpmhd.org">www.rpmhd.org</a>), the WNC Healthy Impact website (<a href="www.WNCHealthyImpact.com">www.WNCHealthyImpact.com</a>) and local libraries.

Moving forward, the CHIP report will be updated to provide the framework for the annual State of the County's Health Report, which will be submitted and made publicly available in December 2013.

#### REFERENCES

NACCHO's CHA/CHIP Resource Center http://www.naccho.org/topics/infrastructure/CHAIP/index.cfm

Wisconsin Association of Local Health Departments and Boards http://www.walhdab.org/NewCHIPPResources.htm

NC Division of Public Health Community Health Assessment Resource Site http://publichealth.nc.gov/lhd/cha/resources.htm

Template Implementation Plan v 1.0; 6/2012. Wisconsin CHIPP Infrastructure Improvement Project \*Revised 7/2012 for NACCHO CHA/CHIP Project

NC DPH Community Health Assessment Guide Book <a href="http://publichealth.nc.gov/lhd/cha/docs/guidebook/CHA-GuideBookUpdatedDecember15-2011.pdf">http://publichealth.nc.gov/lhd/cha/docs/guidebook/CHA-GuideBookUpdatedDecember15-2011.pdf</a>

Connecticut DPH Guide and Template for Comprehensive Health Improvement Planning <a href="http://www.ct.gov/dph/lib/dph/state\_health\_planning/planning\_guide\_v2-12009.pdf">http://www.ct.gov/dph/lib/dph/state\_health\_planning/planning\_guide\_v2-12009.pdf</a>

Bexar County CHIP http://www.bcchip.org/#!home/mainPage

Sedgwick County CHIP

 $\frac{\text{http://www.sedgwickcounty.org/healthdept/communityhealthpriorities}\_201}{\text{0.pdf}}$ 

Kane County CHIP Executive Summary http://kanehealth.com/chip.htm

Kane County full CHIP http://kanehealth.com/chip.htm

[Counties: insert additional details used in determining EBIs, researching the issues, etc.]

#### GLOSSARY OF TERMS

GLOSSARI OF TERM	
Vision of Impact	Describe the impact that the work of the CHIP
	will have in the identified health priorities
	in your county at the end of three years. In
	other words, what does success look like in
	2016?
Community	Description of what the collaborative action
Objective	team wants to accomplish by addressing the
	specific health priority.
Strategy	Also known as interventions or approaches
	which will address priority health issues.
Goal	The impact of the work you anticipate for a
	specific strategy
Strategy	Description of what is to be achieved or the
Objectives	specific change expected to occur within a
	specific time frame. Objectives should be
	SMART (Specific, Measurable, Achievable,
	Realistic, & Time Specific). Can have more
	than one objective for each strategy and
	related goal.
Indicators	Measurements used to determine whether the
	objectives were met. They answer the
	question: how will I know if the objective
	was accomplished?
Activities	Key components of the strategy needed to
	achieve the objective for the strategy.
Resources Needed	Description of what your community will need
	(staff time, materials, resources, etc.) to
	implement the specific activity.
Results	Also 'impacts, outputs, and outcomes'. It's
	what happens as a result of the completion of
	specific activities.
Result	How you will know that results have been
Verification	achieved for specific activities.
Target Date	The date results will be verified.
Lead	An organization in this role commits to
	seeing that the issue is addressed. It would
	take responsibility for developing the
	resources needed to advance the issue such as
	a detailed plan. It would focus on the day-
	to-day and long-range tasks of moving the
	goal forward. Organizations in a lead role
	would ask others to assist with specific
	tasks.
Collaborating	An organization in this role commits to
	significant help in advancing the issue. For
i	example, it might assist with planning,
	example, it might assist with planning, assembling data, or developing policy options. It would participate regularly in

	developing strategy to advance the goal.
Supporting	An organization in this role commits to help
	with specific circumscribed tasks when asked.
	These tasks might include attending meetings
	or writing letters of support to move the
	goal forward.