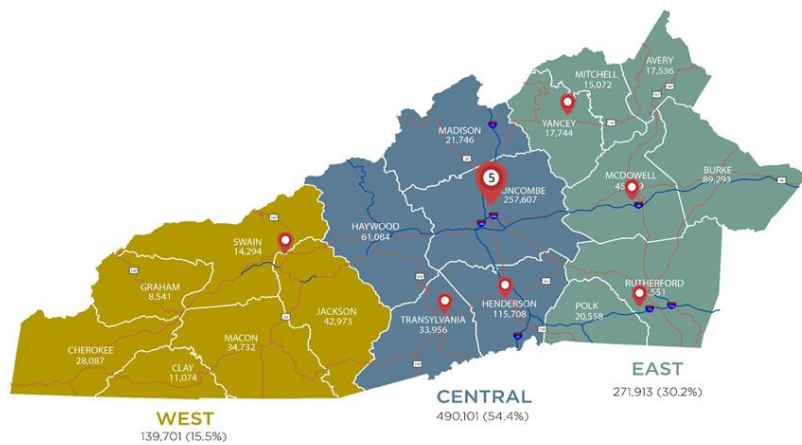# Dogwood Health Trust Phase I Listening Engagements

- ➢ 11 engagements
- ➢ 219 nonprofits
- ➢ 226 participants
- ➢ 2,218 responses

Background

On December 3, 2018, Dogwood Health Trust embarked on the first of eleven engagements with nonprofit leaders throughout Western North Carolina to listen and record their thoughts and opinions on issues impacting health. The engagements concluded on May 23, 2019, in Marion, NC. In total, there were 11 interactive thematic engagements involving 219 nonprofits and 226 participants resulting in 2,218 recorded responses. These responses have been synthesized for understanding, sharing, and growth.

The Phase I listening engagements introduced the first region-wide interaction between the Trust and nonprofit leaders across the regions of Western North Carolina. It is the beginning of a journey to identify community needs, resources, barriers, and opportunities. It is also a valuable source of information that will help shape understanding and ideas to advance the health and well-being of individuals, families, and communities of Western North Carolina.

You spoke and we listened – here is what we heard

- **SDOH Categories**. Approximately 1 in 4 responses to health impacts and issues were related to Neighborhood and Built Environment and Health and Healthcare excluding individual behavior and nonprofit organization issues and concerns. These were followed by Economic Stability, Social and Community Context, Education, and the Social Determinants of Health.
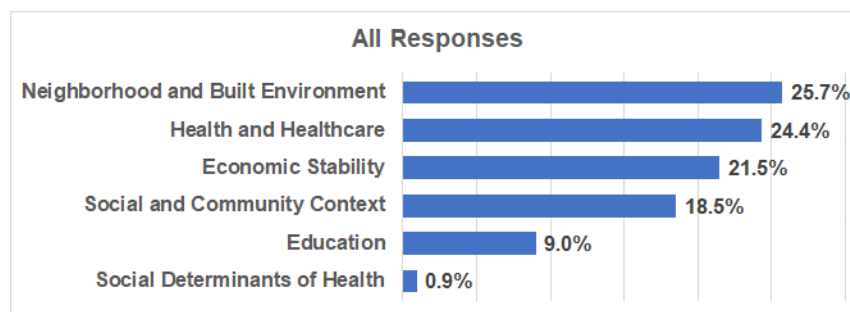
- **SDOH Determinants**. Healthcare was the top reported health determinant appearing in 8.1% of all responses followed by income, housing, transportation, community involvement, environment, and government. Collaboration and partnership accounted for more than 1 in 4 responses regarding factors that influence nonprofits followed by funding and support, efficient and effective, services and capacity, number of nonprofits, caring and trusting, and competing nonprofits.

Top Health Determinants

Healthcare	8.1%
Income	6.4%
Housing	6.0%
Transportation	5.5%
Community Involvement	5.5%
Environment	5.4%
Government	5.3%

Top Nonprofit Factors

Collaboration & Partnership	26.8%
Funding and Support	18.6%
Efficient and Effective	11.1%
Services and Capacity	8.3%
Number of Nonprofits	8.0%
Caring and Trusting	5.9%
Competing Nonprofits	4.3%
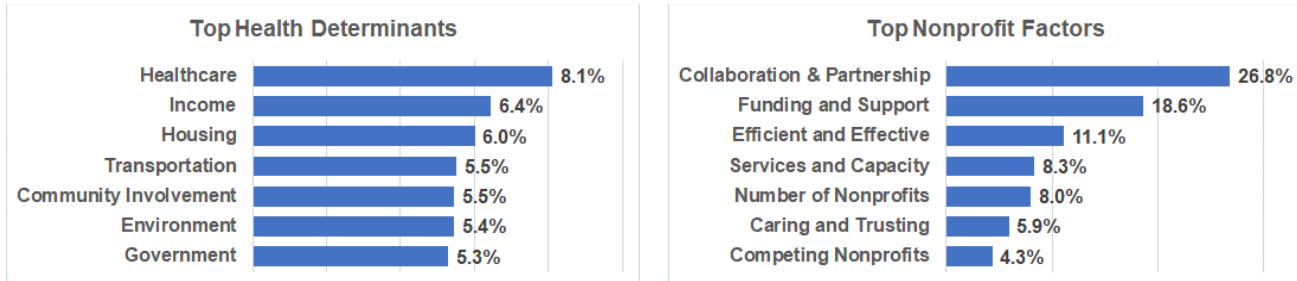
- **SDOH Sub-Determinants**. Access, Opportunities, and Affordability led the list of sub-determinants appearing on 1 in 6 responses, followed by funding, collaboration, equity and inclusion, and quality.

- **Healthy Community**. Top participant responses to what makes a healthy community:

  1. Healthcare quality and access (20.4%)
  2. Education opportunities (13.5%)
  3. Income and employment (12.6%)
  4. Child development and welfare (8.7%)
  5. Healthy food and nutrition (8.5%)
  6. Neighborhood safety (7.2%)
  7. Affordable and quality housing (7.0%)
  8. Development and infrastructure (6.7%)
  9. Public and private transportation (4.3%)
  10. Environment & Recreation (4.3%)

- **Strengths and Barriers**. Top participant responses to strengths and barriers:

  Strengths
  1. Environment & nat. resources (18.9%)
  2. Schools, colleges, & universities (15.9%)
  3. Community involvement (13.0%)
  4. Healthcare systems & providers (11.6%)
  5. Businesses and development (8.3%)
  6. Workforce and employment (6.5%)
  7. Government laws and policies (5.0%)
  8. Churches & faith organizations (3.5%)

  Barriers
  1. Healthcare access & affordability (25.8%)
  2. Income & living wage (12.9%)
  3. Govt. agencies, laws & policies (11.1%)
  4. Geography; rural vs. urban (8.9%)
  5. Affordable and quality housing (7.0%)
  6. Transportation; public and private (5.3%)
  7. Education quality & affordability (5.8%)
  8. Workforce and employment (4.8%)

- **Across the Regions of Western North Carolina**

  o A broad array of factors influencing health were similarly reported across the different regions spanning socioeconomic conditions, health care, and the physical environment.

  o Relative to the SDOH categories, the percent classification of aggregated responses between the various engagements and regions were consistent with a correlation of 0.96 or higher.

Conclusion

The Phase I Listening Engagement was successful in engaging and connecting nonprofit organizations and leaders and learning about their most important issues, concerns, and ideas. There was a high level of consistency in responses across the regions expressing a broad list of opportunities, influences, challenges, and barriers impacting the health and well-being of individuals, families, and communities of Western North Carolina.

Detailed Findings

Participants were asked the following questions regard health and the Social Determinants of Health (SDOH)[1]:

1. What is unique about WNC that helps or gets in the way of addressing SDOH?
2. What are the strengths of this area?
3. What does a healthy community look like to you?
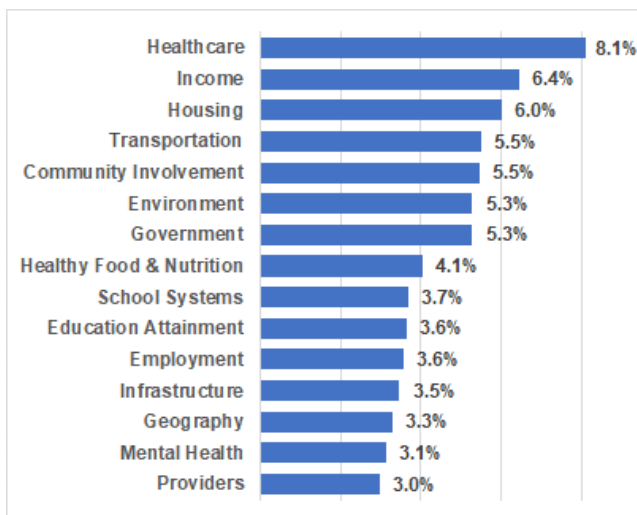4. What are the roadblocks to a healthy community?

Responses were categorized using the following three grouping variables:

1. **SDOH Category**: Economic Stability, Education, Social and Community Context, Health and Healthcare, Neighborhood and Built Environment, SDOH, or Uncategorized.[1]
2. **SDOH Determinant**: Factors that influence health such as income, early childhood development, social climate, healthcare, environment; making up a list of 44 total items.
3. **SDOH Sub-Determinant:** Strengths, challenges, and opportunities such as access, availability, funding, disparity, etc.; making up a list of 284 total items.
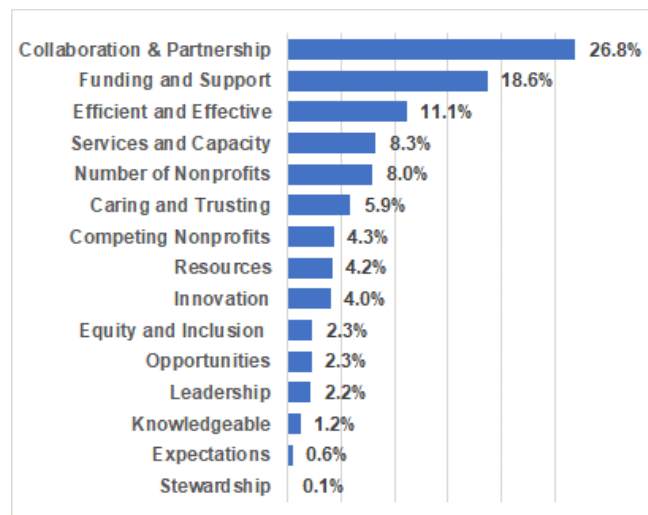
SDOH Determinants

Determinants are factors that influence health and well-being. The following lists represent the top health determinants and factors that influence the successful operation and impact of nonprofit organizations and communities.

Top 15 Health Determinants

Determinant	%
Healthcare	8.1%
Income	6.4%
Housing	6.0%
Transportation	5.5%
Community Involvement	5.5%
Environment	5.3%
Government	5.3%
Healthy Food & Nutrition	4.1%
School Systems	3.7%
Education Attainment	3.6%
Employment	3.6%
Infrastructure	3.5%
Geography	3.3%
Mental Health	3.1%
Providers	3.0%

Top 15 Nonprofit Factors

Factor	%
Collaboration & Partnership	26.8%
Funding and Support	18.6%
Efficient and Effective	11.1%
Services and Capacity	8.3%
Number of Nonprofits	8.0%
Caring and Trusting	5.9%
Competing Nonprofits	4.3%
Resources	4.2%
Innovation	4.0%
Equity and Inclusion	2.3%
Opportunities	2.3%
Leadership	2.2%
Knowledgeable	1.2%
Expectations	0.6%
Stewardship	0.1%

Healthcare, income, housing, transportation, and community involvement represent the top five health determinants while collaboration, funding, efficiency, service delivery and number of nonprofit organizations top the list of factors that influence nonprofit operations and impact.

When considering the environment along with its rural and natural beauty, there are significant and widespread challenges with infrastructure, broadband, and urban-rural disparities. The influence of local and state government agencies, along with laws and policies, reportedly play an important role in opportunities and health outcomes.

SDOH Sub-Determinants

Top 20 Sub-Determinants

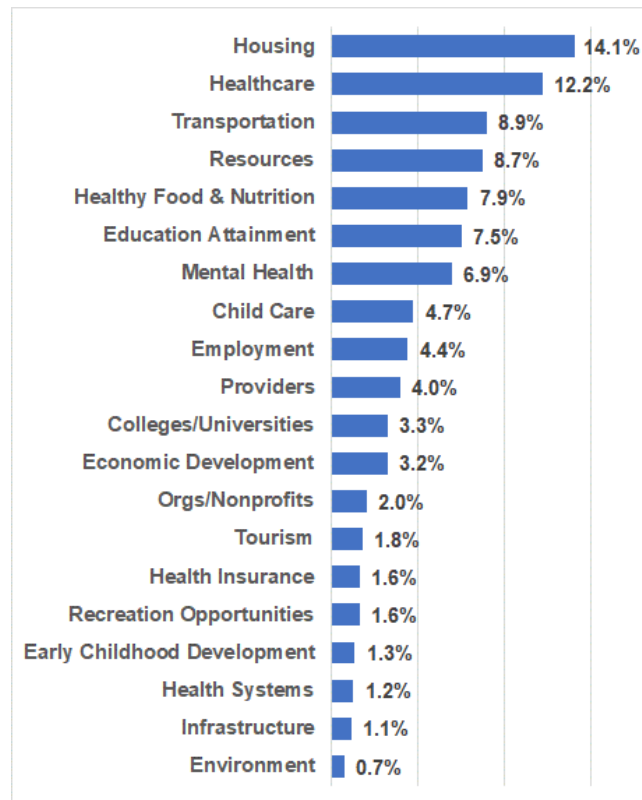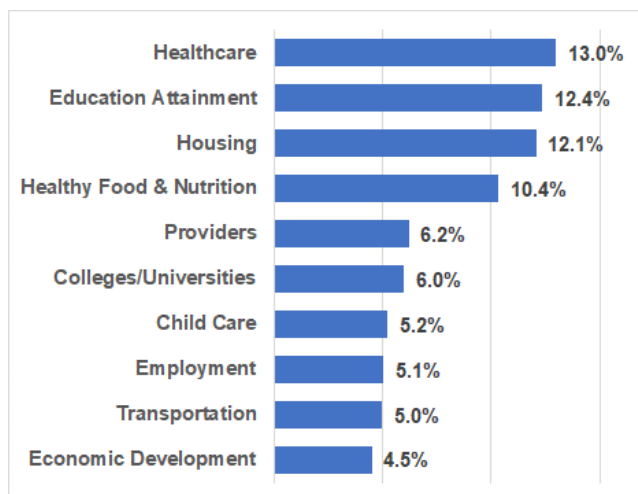| Sub-Determinant	%
Access	8.8%
Opportunities	5.4%
Affordability	4.5%
Funding	3.5%
Collaboration	3.5%
Equity and Inclusion	2.5%
Quality	2.3%
Abundance	2.2%
Deficiency	2.1%
Engagement	2.0%
Diversity	1.9%
Attractive Environment	1.9%
Community Minded	1.8%
Resources	1.8%
Living Wage	1.7%
Challenges	1.7%
Innovation and Creativity	1.6%
Disconnected	1.6%
Disparity	1.5%
Substance Abuse	1.3%

Access, Affordability, and Opportunities

Factor	%
Housing	14.1%
Healthcare	12.2%
Transportation	8.9%
Resources	8.7%
Healthy Food & Nutrition	7.9%
Education Attainment	7.5%
Mental Health	6.9%
Child Care	4.7%
Employment	4.4%
Providers	4.0%
Colleges/Universities	3.3%
Economic Development	3.2%
Orgs/Nonprofits	2.0%
Tourism	1.8%
Health Insurance	1.6%
Recreation Opportunities	1.6%
Early Childhood Development	1.3%
Health Systems	1.2%
Infrastructure	1.1%
Environment	0.7%

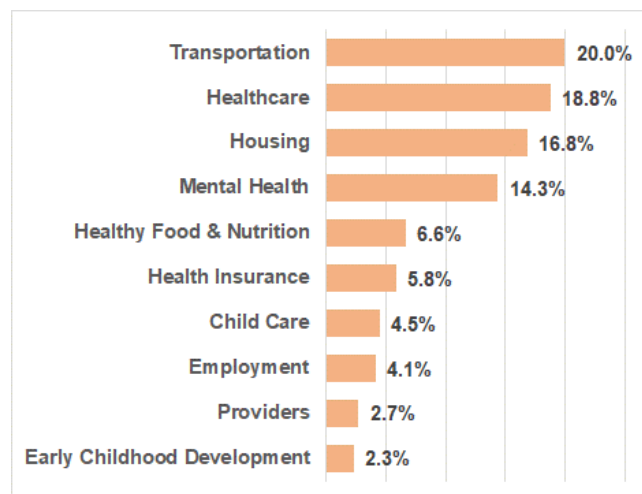**Access, Affordability, and Opportunities – Positive Factors and Challenges**

The top five positive factors related to Access, Affordability, and Opportunities were health were Healthcare (14.5%), Education Attainment (14.5%), Healthy Food and Nutrition (11.7%), Housing (11.0%), and Resources (6.9%). The top five challenges were Healthcare (24.5%), Housing (21.9%), Transportation (13.0%), Healthy Food and Nutrition (8.7%), and Health Insurance (7.6%).

Top 10 Positive Factors of Health*

Factor	%
Healthcare	13.0%
Education Attainment	12.4%
Housing	12.1%
Healthy Food & Nutrition	10.4%
Providers	6.2%
Colleges/Universities	6.0%
Child Care	5.2%
Employment	5.1%
Transportation	5.0%
Economic Development	4.5%

Top 10 Challenges or Negative Factors*

Factor	%
Transportation	20.0%
Healthcare	18.8%
Housing	16.8%
Mental Health	14.3%
Healthy Food & Nutrition	6.6%
Health Insurance	5.8%
Child Care	4.5%
Employment	4.1%
Providers	2.7%
Early Childhood Development	2.3%

* Access, Affordability, and Opportunities

* Access, Affordability, and Opportunities

Across the Regions of Western North Carolina

The responses from each region were highly consistent when comparing SDOH categories. The ranking of SDOH categories was nearly identical.

WNC Region Responses by SDOH Category

SDOH Category	Ranking						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	1	1	1	1	1	1	High
Neighborhood and Built Environment	2	2	2	3	2	2	High
Health and Healthcare	3	4	3	2	3	3	High
Economic Stability	4	3	4	3	4	4	High
Education	5	5	5	4	5	5	High

The percent responses for each SDOH category were also highly consistent across regions.

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	52.1%	49.3%	52.1%	47.5%	53.8%	57.3%	High
Neighborhood and Built Environment	15.7%	18.6%	14.7%	14.8%	15.3%	17.6%	High
Health and Healthcare	13.9%	12.9%	14.1%	17.9%	13.5%	10.7%	High
Economic Stability	12.9%	13.5%	13.3%	14.8%	12.3%	8.4%	High
Education	5.5%	5.7%	5.7%	4.9%	5.0%	6.1%	High

There appears to be a high level of consistency in participant responses as applied to SDOH categories across the regions with region-to-region correlations at or above 0.966.

Correlation Matrix – Consistency Across Regions

	Region C-3	Region C-4	Region E-1	Region E-2
Region C-4	0.993			
Region E-1	0.981	0.992		
Region E-2	0.995	1.000	0.990	
Regions W-5/W-6	0.992	0.988	0.966	0.992

Although there is a strong association across the regions, it is understood that each region has determinants and sub-determinants that are having a greater impact in that region. These factors and influences will continue to be further explored.
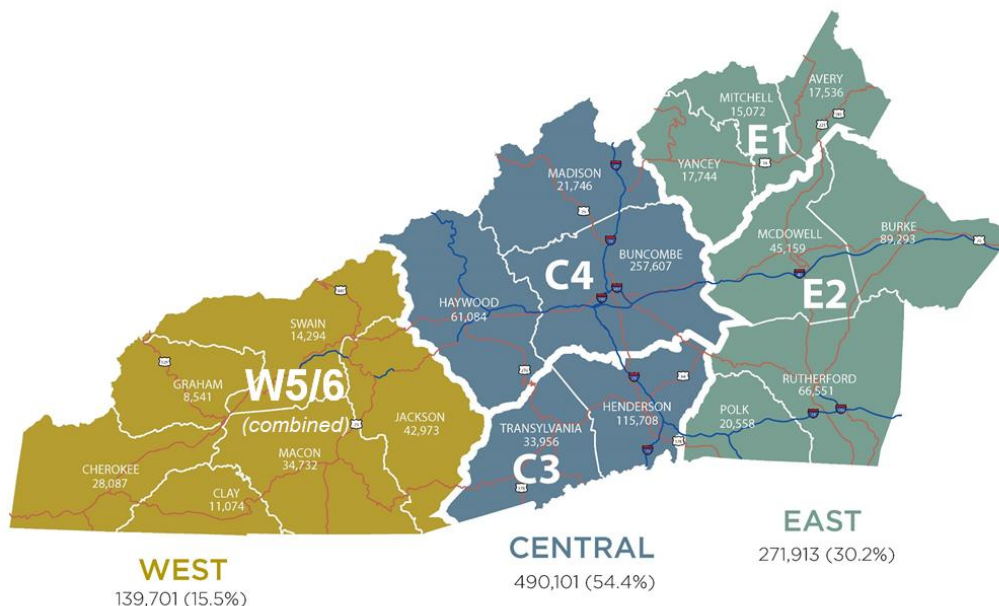
QUESTION 1: What is unique about WNC that helps or gets in the way of addressing SDOH?

SDOH Categories

SDOH Category	Ranking						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	1	1	1	1	1	1	High
Neighborhood and Built Environment	2	2	2	3	2	2	High
Economic Stability	3	3	3	2	4	3	High
Health and Healthcare	4	4	4	2	3	4	High
Education	5	5	5	NR	5	NR	High

NR=No Responses

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	50.7%	49.5%	44.1%	60.7%	57.1%	63.4%	Moderate
Neighborhood and Built Environment	22.8%	31.7%	21.5%	10.7%	20.1%	26.8%	Moderate
Economic Stability	14.1%	11.9%	18.8%	14.3%	9.7%	7.3%	High
Health and Healthcare	9.5%	5.0%	11.3%	14.3%	10.4%	2.4%	High
Education	2.9%	2.0%	4.3%	0.0%	2.6%	0.0%	High

Top 10 SDOH Determinants (n=36)

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social Climate	26.6%	26.7%	20.9%	50.0%	29.2%	36.6%	High
Orgs/Nonprofits	11.9%	11.9%	14.3%	0.0%	9.1%	14.6%	Moderate
Geography	5.2%	6.9%	3.9%	3.6%	4.5%	12.2%	Moderate
Transportation	5.0%	3.0%	5.0%	3.6%	7.1%	2.4%	High
Resources	4.8%	7.9%	2.3%	0.0%	7.1%	7.3%	Moderate
Income	4.6%	2.0%	6.6%	3.6%	4.5%	0.0%	Moderate
Housing	4.0%	3.0%	6.6%	0.0%	1.9%	0.0%	Low
Environment	3.3%	5.9%	1.6%	0.0%	4.5%	4.9%	Moderate
Population	2.7%	9.9%	1.2%	3.6%	0.0%	4.9%	Low
Health and Well-Being	2.7%	1.0%	3.1%	10.7%	2.6%	0.0%	Low

Top 20 Determinant - Sub-Determinant Strengths and Challenges

WNC Strengths (n=72)

Sub-Determinant	% Response
Environment - Attractive	9.3%
Social Climate - Community Minded	8.6%
Social Climate - Diversity	6.8%
Orgs/Nonprofits - Abundance	4.3%
Community Involvement - Engagement	3.7%
Social Climate - Caring	3.1%
Orgs/Nonprofits - Collaboration	3.1%
Tourism - Opportunities	2.5%
Churches/Faith-based Orgs - Engagement	2.5%
Social Climate - History and Culture	2.5%
Social Climate - Connected	1.9%
Geography - Resources	1.9%
Community Involvement - Volunteers	1.9%
Social Climate - Industrious	1.9%
Social Climate - Cohesion	1.9%
Social Climate - Collaboration	1.9%
School Systems - Quality	1.9%
Businesses - Agriculture	1.9%
Social Climate - Innovation and Creativity	1.2%
Social Climate - Accepting and Open-minded	1.2%

WNC Challenges (n=116)

Sub-Determinant	% Response
Income - Living Wage	3.8%
Income - Poverty	3.4%
Orgs/Nonprofits - Funding	3.0%
Geography - Rural	3.0%
Social Climate - Prideful	2.5%
Social Climate - Social Bias/Discrimination	2.5%
Transportation - Challenges	2.5%
Population - Rural vs Urban	2.1%
Health and Well-Being - Substance Abuse	2.1%
Transportation - Access	2.1%
Infrastructure - Broadband	2.1%
Social Climate - Stigmas	1.7%
Social Climate - Disparity	1.7%
Orgs/Nonprofits - Competing Nonprofits	1.7%
Financial Security - Disparity	1.7%
Orgs/Nonprofits - Resources	1.7%
Transportation - Availability	1.7%
Transportation - Opportunities	1.7%
Insurance - Access	1.7%
Cost of Living - Excessive	1.3%

- Top unique WNC strengths were the environment, social climate, organizations/nonprofits, community involvement, tourism, and faith-based involvement.

- Top unique WNC challenges were living wage, nonprofit funding, rural geography, transportation, and social issues such as pride, bias, discrimination, stigmas, and disparities.

QUESTION 2. What are the strengths of this area?

SDOH Categories

SDOH Category	Ranking						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	1	1	1	1	1	1	High
Neighborhood and Built Environment	2	2	2	2	2	2	High
Economic Stability	3	4	2	3	3	NR	High
Health and Healthcare	4	3	3	3	5	4	High
Education	5	4	4	4	4	3	High

NR=No Responses

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	59.9%	49.4%	62.1%	55.8%	58.0%	82.9%	High
Neighborhood and Built Environment	14.2%	20.0%	10.6%	20.9%	16.0%	8.6%	High
Economic Stability	9.8%	9.4%	10.6%	9.3%	11.5%	0.0%	Low
Health and Healthcare	8.3%	11.8%	9.7%	9.3%	4.6%	2.9%	High
Education	7.9%	9.4%	7.0%	4.7%	9.9%	5.7%	High

Top 10 SDOH Determinants (n=33)

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social Climate	29.8%	24.4%	32.5%	37.2%	22.0%	45.7%	High
Orgs/Nonprofits	13.0%	9.3%	11.8%	0.0%	19.7%	20.0%	Moderate
Environment	7.6%	11.6%	7.9%	2.3%	6.1%	8.6%	High
Community Involvement	6.3%	4.7%	7.9%	2.3%	5.3%	8.6%	High
Colleges/Universities	3.1%	1.2%	3.5%	4.7%	2.3%	5.7%	Moderate
Businesses	3.1%	4.7%	3.1%	0.0%	3.8%	0.0%	Low
School Systems	3.1%	5.8%	1.8%	0.0%	5.3%	0.0%	Low
Resources	2.9%	2.3%	2.6%	2.3%	3.8%	2.9%	High
Government	2.5%	3.5%	2.2%	2.3%	3.0%	0.0%	Moderate
Health and Well-Being	2.5%	5.8%	2.6%	2.3%	0.8%	0.0%	Low

Top 20 Determinant - Sub-Determinants (n=192)

Sub-Determinant	% Response
Environment - Attractive	5.3%
Social Climate - Community Minded	4.6%
Social Climate - Collaboration	3.2%
Social Climate - Innovation and Creativity	2.9%
Colleges/Universities - Opportunities	2.9%
Community Involvement - Volunteers	2.9%
Churches/Faith-based Orgs - Engagement	2.1%
Orgs/Nonprofits - Abundance	2.1%
Orgs/Nonprofits - Collaboration	1.9%
School Systems - Quality	1.7%
Environment - Clean Natural Resources	1.5%
Social Climate - Industrious	1.5%
Health and Well-Being - Healthy Lifestyle	1.5%
Orgs/Nonprofits - Partnerships	1.3%
Population - Growth	1.3%
Social Climate - Diversity	1.3%
Orgs/Nonprofits - Funding	1.3%
Neighborhood Safety - Safe Housing/Neighborhoods	1.1%
Healthy Food and Nutrition - Access	1.1%
Government - Local Involvement	1.1%

Top WNC area strengths involved areas of the environment such as rural beauty and clean natural resources; social climate such as community, collaboration, innovation, creativity, and passion; and the abundant number of nonprofits and volunteer efforts in the region. In addition, quality schools, post-secondary education opportunities, healthy eating & lifestyles, nonprofit partnerships, population growth, diversity, neighborhoods, and local governments made up the top strengths reported.

QUESTION 3. What does a healthy community look like to you?

SDOH Categories

	Ranking						Region
SDOH Category	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	Consistency
Social and Community Context	1	1	1	2	1	1	High
Health and Healthcare	2	2	2	1	2	2	High
Economic Stability	3	3	4	3	3	4	High
Neighborhood and Built Environment	4	4	3	5	4	4	High
Education	5	5	5	4	5	3	High

NR=No Responses

	Percent Response						Region
SDOH Category	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	Consistency
Social and Community Context	42.1%	43.4%	46.2%	33.3%	38.8%	31.3%	High
Health and Healthcare	21.6%	19.3%	18.6%	35.7%	23.0%	28.1%	High
Economic Stability	14.3%	16.9%	12.1%	14.3%	17.1%	12.5%	High
Neighborhood and Built Environment	14.0%	12.0%	15.2%	7.1%	15.1%	12.5%	High
Education	8.0%	8.4%	8.0%	9.5%	5.9%	15.6%	High

Top 10 SDOH Determinants (n=38)

	Percent Response						Region
SDOH Category	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	Consistency
Social Climate	18.5%	16.9%	20.8%	28.6%	13.1%	15.6%	High
Healthcare	8.5%	9.6%	7.2%	14.3%	8.5%	9.4%	High
Resources	8.2%	10.8%	8.0%	2.4%	9.2%	6.3%	High
Health and Well-Being	8.0%	6.0%	4.9%	14.3%	11.8%	12.5%	High
Orgs/Nonprofits	5.7%	9.6%	6.8%	0.0%	4.6%	0.0%	Low
Healthy Food and Nutrition	4.7%	3.6%	4.5%	4.8%	5.9%	3.1%	High
Housing	4.0%	3.6%	4.9%	2.4%	3.3%	3.1%	High
Neighborhood Safety	3.7%	2.4%	3.4%	0.0%	5.9%	3.1%	Moderate
Employment	3.5%	7.2%	0.8%	4.8%	5.2%	6.3%	Moderate
Education Attainment	3.3%	2.4%	2.3%	4.8%	3.9%	9.4%	Moderate

Top 20 Determinant - Sub-Determinants (n=236)

Sub-Determinant	% Response
Income - Living Wage	2.8%
Housing - Affordability	2.6%
Education Attainment - Opportunities	2.6%
Healthcare - Affordability	2.4%
Neighborhood Safety - Safe Housing/Neighborhoods	2.4%
Health and Well-Being - Healthy Lifestyle	2.4%
Healthy Food and Nutrition - Access	2.4%
Social Climate - Equity and Inclusion	2.3%
Healthcare - Access	2.1%
Healthy Food and Nutrition - Abundance	2.1%
Resources - Equity and Inclusion	1.9%
Social Climate - Cohesion	1.7%
Mental Health - Access	1.7%
Social Climate - Accepting and Open-minded	1.6%
Healthcare - Preventative Care	1.4%
Transportation - Access	1.4%
Employment - Opportunities	1.4%
School Systems - Quality	1.2%
Social Climate - Community Minded	1.2%
Neighborhood Safety - Low Crime Rate	1.2%

Living wage, affordable housing, education opportunities, healthcare, and safe neighborhoods topped the sub-determinant attributes of a healthy community. Healthy lifestyles, access to healthy food, equity and inclusion, and social cohesion also ranked high. Addressing barriers such as access to mental health resources, providers, secure transportation, and employment opportunities ranked high along with personal attitudes and mindsets.

All five SDOH categories are represented with an emphasis on the social climate, healthcare, food, housing, safety, employment, and education.

QUESTION 4. What are the roadblocks to a healthy community?

SDOH Categories

SDOH Category	Ranking						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	1	1	1	1	1	1	High
Health and Healthcare	2	2	2	4	2	4	Moderate
Economic Stability	3	3	3	2	3	3	High
Neighborhood and Built Environment	4	4	4	3	4	2	High
Education	5	5	5	5	5	5	High

NR=No Responses

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social and Community Context	56.6%	53.9%	57.8%	44.9%	63.7%	43.5%	High
Health and Healthcare	15.7%	16.7%	16.5%	12.2%	15.3%	13.0%	High
Economic Stability	13.1%	15.7%	11.4%	20.4%	10.5%	17.4%	High
Neighborhood and Built Environment	11.4%	9.8%	11.0%	18.4%	8.9%	21.7%	High
Education	3.2%	3.9%	3.4%	4.1%	1.6%	4.3%	High

Top 10 SDOH Determinants (n=41)

SDOH Category	Percent Response						Region Consistency
	Total	Region C-3	Region C-4	Region E-1	Region E-2	Regions W-5/W-6	
Social Climate	19.3%	23.3%	19.8%	20.4%	16.7%	8.7%	High
Resources	13.9%	10.7%	13.9%	12.2%	18.3%	8.7%	High
Orgs/Nonprofits	12.8%	6.8%	13.9%	6.1%	18.3%	13.0%	High
Income	5.4%	9.7%	3.8%	4.1%	5.6%	4.3%	High
Government	5.0%	5.8%	4.6%	6.1%	4.8%	4.3%	High
Health and Well-Being	4.8%	6.8%	3.8%	6.1%	4.8%	4.3%	High
Healthcare	4.5%	4.9%	5.1%	2.0%	4.8%	0.0%	Moderate
Housing	3.3%	2.9%	4.2%	2.0%	2.4%	4.3%	High
Transportation	2.4%	1.9%	2.5%	2.0%	2.4%	4.3%	High
Mental Health	2.2%	1.9%	2.1%	0.0%	4.0%	0.0%	Low

Top 20 Determinant - Sub-Determinants (n=221)

Sub-Determinant	% Response
Resources - Funding	4.6%
Income - Living Wage	3.0%
Housing - Affordability	2.8%
Health and Well-Being - Substance Abuse	2.4%
Orgs/Nonprofits - Funding	2.2%
Resources - Deficiency	1.9%
Income - Poverty	1.7%
Orgs/Nonprofits - Disconnected	1.7%
Government - Laws and Policies	1.7%
Social Climate - Understanding	1.7%
Geography - Rural	1.5%
Healthcare - Access	1.5%
Social Climate - Social Bias/Discrimination	1.3%
Transportation - Challenges	1.3%
Tourism - Challenges	1.3%
Insurance - Expansion	1.1%
Orgs/Nonprofits - Collaboration	1.1%
Healthcare - Affordability	0.9%
Orgs/Nonprofits - Deficiency	0.9%
Social Climate - Fear	0.9%

The top barriers and roadblocks in the region were nonprofit and resource funding, living wage, affordable housing, substance abuse, poverty, government policies, and rural geography. Other concerns reported were healthcare access & affordability, transportation, tourism, and social issues such as bias, discrimination, fear, and a clear understanding of the issues that impact health.

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- Partners Aligned Toward Health (PATH)
- Macon Program for Progress
- Museum of the Cherokee Indian
- United Way of Henderson County
- United Way of Transylvania County

- University of North Carolina Asheville
- Isothermal Community College
- Corpening Memorial YMCA
- Thermal Belt Outreach Ministry

"Thank you for informing us of the issues you see impacting the health and well-being of the individuals and communities of Western North Carolina!"

Appendix

Social Determinant of Health Categories and Sample Determinants.

<u>Economic Stability</u>
- Businesses
- Development
- Employment
- Financial Security
- Healthy Food & Nutrition
- Income
- Technology
- Workforce

<u>Education</u>
- Colleges/Universities
- Early Childhood Development
- Education Attainment
- Life Skills
- School Systems

<u>Social and Community Context</u>
- Arts & Entertainment
- Child Care
- Child Welfare
- Churches/Faith-based Orgs
- Community Involvement
- Elderly
- Government
- Recreation Opportunities

<u>Health and Healthcare</u>
- Health & Well-Being
- Health Systems
- Healthcare
- Insurance
- Mental Health
- Providers

<u>Neighborhood and Built Environment</u>
- Broadband
- Environment
- Housing
- Infrastructure
- Neighborhood Safety
- Transportation

References

1. CMS Research on Social Determinants of Health. https://www.cdc.gov/socialdeterminants/research/. Accessed April 27, 2019.