

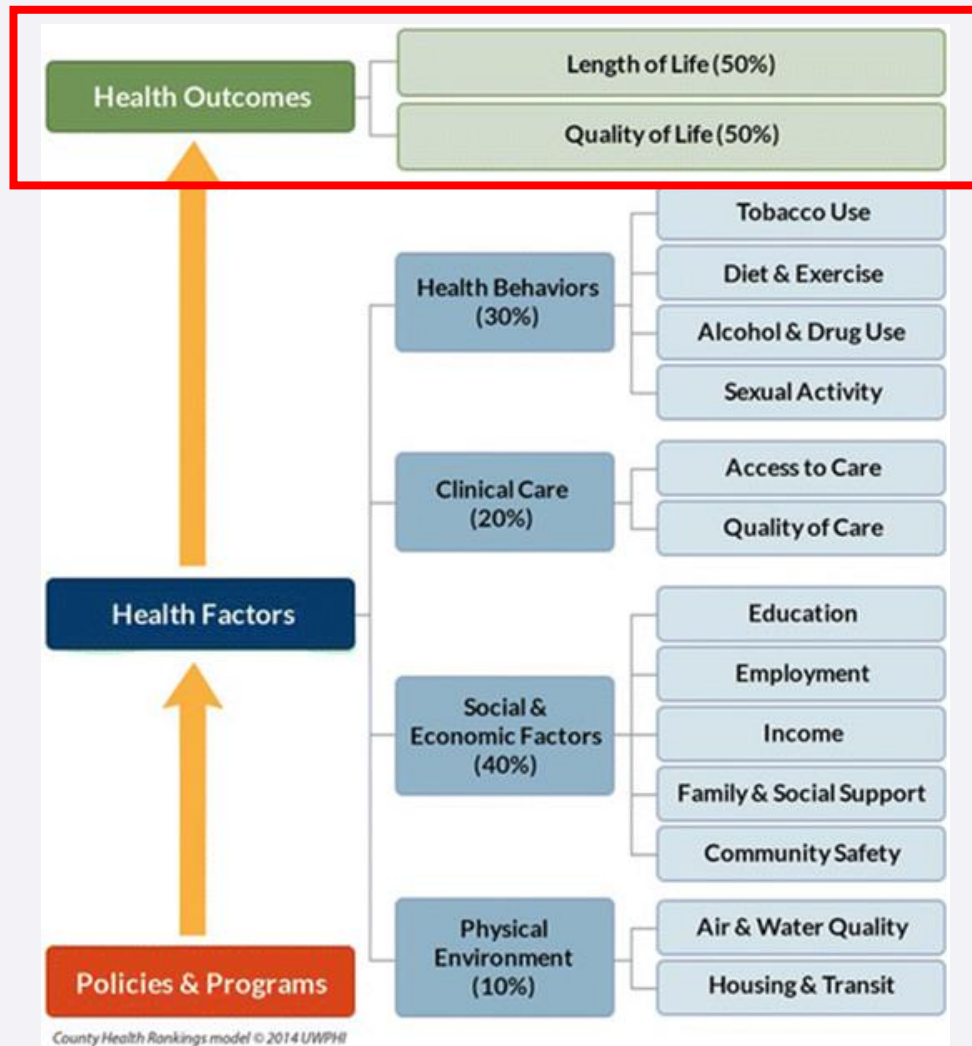
Healthy North Carolina 2030

Health Outcomes and Parameters for Indicator Selection

Adam Zolotor, MD, DrPH
President and CEO
North Carolina Institute
of Medicine
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Health Outcomes



Health outcomes look at how healthy the state is overall.

- Length of Life (mortality)
 - Causes of death, premature death
- Quality of Life (morbidity)
 - How healthy people feel, health-related quality of life, birth outcomes



Health Outcomes – HNC 2020

- HNC 2020 had no specific “Health Outcomes” categories
- Health Outcomes distributed in different topic areas, examples:
 - Maternal and Infant Health focus area - Reduce infant mortality racial disparity between whites and African Americans; Reduce infant mortality rate
 - Environmental Health focus area - Reduce the mortality rate from work-related injuries
 - Chronic Disease focus area - Reduce the cardiovascular disease mortality rate; decrease the percent of adults with diabetes; reduce the colorectal cancer mortality rate
 - Cross-cutting focus area - Increase average life expectancy; Increase the percentage of adults reporting good, very good, or excellent health; Increase the percentage of adults who are neither overweight nor obese



Health Outcomes – HNC 2030 Measures for Consideration

- Premature death
- Child mortality
- Infant mortality
- Cancer morbidity & mortality (overall, lung, colorectal, breast, prostate, cervical, melanoma)
- Poor or fair health/mental health
- Poor physical/mental health days
- Frequent physical/mental distress
- Low birth weight
- HIV prevalence
- Hepatitis C
- Diabetes
- Obesity (adult, adolescent, or child)
- Heart disease mortality (listed in Clinical Care topic area)



Healthy North Carolina 2030 Health Indicators

Indicators should be:

- Measurable
- Useful and understandable to a broad audience
- Address a range of issues
- Prevention oriented
- Cover social determinants of health
- Address health inequities

Localities, non-governmental organizations, and public/private sectors should be able to use indicators to direct efforts in schools, communities, worksites, health care practices, and other environments.



Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

- Child mortality
 - Total: 21.4/100,000 pop.; W: 20.6/100,000; AA: 28.2/100,000; AI: 27.8/100,000; H/Lx: 13.9/100,000; Other: 14.0/100,000
- Infant mortality
 - Total: 7.2/1,000 live births; W: 5.4/1,000; AA: 13.0/1,000; AI: 9.0/1,000; H/Lx: 5.1/1,000; Other: 5.3/1,000
- Low birth weight
 - Total: 9.1% births; W: 7.5%; AA: 14.1%; AI: 12.0%; H/Lx: 7.0%; Other: 8.6%

Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

- Fair or poor health (adults)
 - Total: 18.3%.; W: 16.5%; **AA: 20.9%**; AI: no data; **H/Lx: 26.6%**; Other: 13.8%
- Obesity – Low-income children under 18
 - Total: 14.6%.; W: 14.5%; AA: 12.6%; AI: no data; H/Lx: 11.2%; Other: 5.7%
- Obesity – Adults
 - Total: 31.0%.; W: 30.0%; **AA: 41.3%**; AI: no data; H/Lx: 31.2%; Other: 16.2%

Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

- HIV prevalence
 - Total: 2.2/100,000 population.; W: 0.8/100,000; AA: 7.5/100,000; AI: 1.6*/100,000; H/Lx: 1.1/100,000; Other: no data
- Diabetes
 - Total: 23.0/100,000 population.; W: 18.8/100,000; AA: 44.0/100,000; AI: 45.0/100,000; H/Lx: 11.3/100,000; Other: 14.3/100,000
- Heart disease mortality
 - Total: 161.3/100,000 population.; W: 159.0/100,000; AA: 187.1/100,000; AI: 182.0/100,000; H/Lx: 56.6/100,000; Other: 76.0/100,000

Data from NC Health Equity Report 2018

*Statistically unstable due to small number of cases.



Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

Cancer mortality rates (2012-2016)

- Overall
 - Total: 166.5/100,000 population.; W: 165.0/100,000; AA: 190.7/100,000; AI: 158.7/100,000; H/Lx: 72.9/100,000; Other: 104.4/100,000
- Lung
 - Total: 47.5/100,000 population.; W: 49.1/100,000; AA: 46.3/100,000; AI: 51.2/100,000; H/Lx: 13.1/100,000; Other: 23.5/100,000
- Colorectal
 - Total: 14.0/100,000 population.; W: 13.3/100,000; AA: 18.9/100,000; AI: 13.1/100,000; H/Lx: 5.0/100,000; Other: 8.0/100,000
- Breast
 - Total: 20.9/100,000 population.; W: 19.4/100,000; AA: 28.3/100,000; AI: 20.2/100,000; H/Lx: 9.9/100,000; Other: 13.2/100,000
- Prostate
 - Total: 20.1/100,000 population.; W: 17.2/100,000; AA: 39.1/100,000; AI: 28.5/100,000; H/Lx: 6.8/100,000; Other: 6.5/100,000

Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

- Frequent mental distress
 - Total: 12.7% of population.; W: 12.5%; **AA: 14.8%**; **AI: 18.0%**; H/Lx: 10.6%
- Frequent physical distress
 - Total: 13.4% of population.; W: 13.7%; AA: 13.2%; **AI: 15.6%**; H/Lx: 9.5%
- Hepatitis C
 - Total: 1.8 per 100,000 population; 85% acute Hep C infections are among White North Carolinians

Health Outcomes – HNC 2030 Measures for Consideration

NC Rates and Health Disparity Considerations

- Premature death – no data for race/ethnicity
 - NC: 7,300 per 100,000 population; US: 6,700 per 100,000
- Poor physical – no data for race/ethnicity
 - NC: 3.6 average reported days; US: 3.7
- Poor mental health days – no data for race/ethnicity
 - NC: 3.9 average reported days; US: 3.8



Health Outcomes – Community Input

Greenville

1. Children overweight
2. Adult obesity
3. Frequent mental distress
4. Diabetes prevalence
5. Premature death
6. Infant mortality
7. Poor mental health days
8. Poor or fair health
9. Frequent physical distress
10. Life expectancy
11. Poor physical health days
12. Low birthweight
13. Child mortality
14. HIV prevalence

Henderson

1. Children overweight
2. Frequent mental distress
3. Poor or fair health
4. Diabetes prevalence
5. Premature death
6. Adult obesity
7. Infant mortality
8. Frequent physical distress
9. Child mortality
10. Life expectancy
11. Poor physical health days
12. Poor mental health days
13. Low birthweight
14. HIV prevalence

Pembroke

1. Children overweight
2. Diabetes prevalence
3. Infant mortality
4. Frequent mental distress
5. Adult obesity
6. Premature death
7. Poor or fair health
8. Low birthweight
9. Child mortality
10. Life expectancy
11. Poor physical health days
12. Poor mental health days
13. Frequent physical distress
14. HIV prevalence



Questions?

