

North Carolina Men's Health Report Card

Roxanne Leopper, MS

FirstHealth

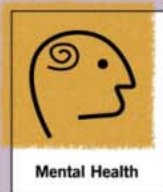
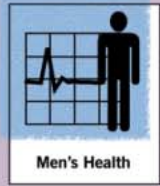
Community Voices

Chris Hoffman, MS

FirstHealth

Community Voices

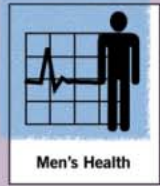




Partners

- FirstHealth Community Voices
- Cecil G. Sheps Center for Health Services Research
- North Carolina Department of Health and Human Services Division of Public Health

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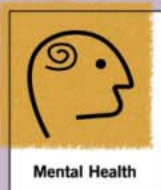
Data Sources



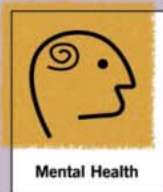
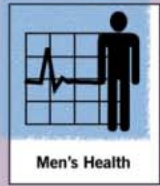
➤ National and State level data



- ❖ Vital Statistics (Death rates)
- ❖ Behavioral Risk Factor Surveillance System
- ❖ NC State Center for Health Statistics, 2000-2004
- ❖ NC HIV/STD Surveillance Report, 2005
- ❖ NC Department of Corrections
- ❖ Bureau of Labor Statistics
- ❖ US Census Bureau



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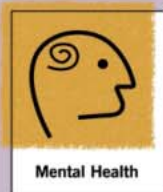
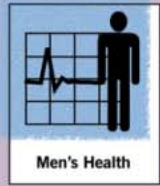


Grading Methodology

Trend Comparison

- Trends were assigned letter grades
- A = >20% improvement for the trend
- B = >10-20% improvement for the trend
- C = between 10% improvement and a 10% worsening for the trend
- D = > 10-20% worse for the trend
- F = >20% worse for the trend

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Grading Methodology

Comparison with U.S. Men

➤ Comparisons with U.S. Men were assigned letter grades

A = >20% better than the U.S. men

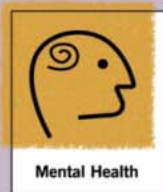
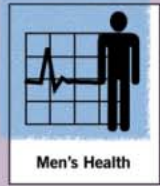
B = >10-20% better than the U.S. men

C = between 10% better and 10% worse for than U.S. men

D = > 10-20% worse than U.S. men

F = >20% worse than U.S. men

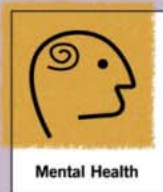
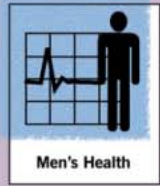
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Comparison Groups

- North Carolina men past to present
- North Carolina men compared to U.S. men current
- Pending data availability compared ethnic groups to determine health disparities

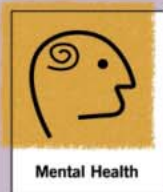
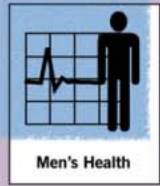
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Categories

- Seven Health Categories
 - ❖ Chronic Disease
 - ❖ Infectious Disease
 - ❖ Substance Abuse/Mental health
 - ❖ Violence/Injuries
 - ❖ Barrier to Health
 - ❖ Preventive Health Practices
 - ❖ Dental Health

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Indicators

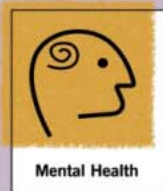
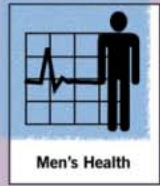
➤ Summary

❖ 32 Indicators

😊 15% (n=5) Improved

☹ 19% (n=6) Worse

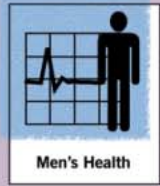
😐 66% (n=21) Unchanged



North Carolina Men (age 18+)

<u>Race/Ethnicity</u>	<u>N.C.</u>	<u>U.S.</u>
<i>African American</i>	18.7%	10.6%
<i>American Indian/ Alaska Native</i>	1.1%	0.7%
<i>Asian</i>	1.3%	3.6%
<i>Hispanic</i>	5.6%	11.8%
<i>Native Hawaiian or Pacific Islander</i>	<0.1%	0.1%
<i>White/Non-Hispanic</i>	72.5%	71.8%
<i>Other</i>	0.1%	0.1%
<i>Two or more races</i>	0.7%	1.3%





Racial/Ethnic Disparities in NC



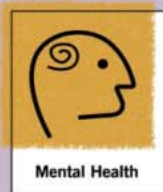
➤ HIV rate is 515% higher among African American men and 124% higher among Hispanic men than white men.



➤ 306% greater rate of homicide deaths among minority men versus white men.



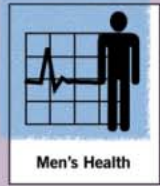
➤ Unemployment rate of African American men is double that of white men.



➤ The incarceration rate of minority men is 640% greater than white men.

➤ Overall minority men have higher rates of infectious diseases.

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Overall Trends

Areas Where NC Men Are Improving



➤ Smoking Rates

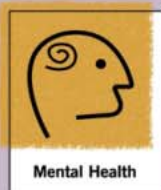
Decreased by 16%

➤ Asthma Rates

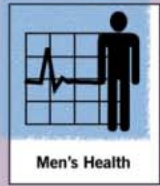
Decreased by 11%

➤ Sigmoidoscopy or colonoscopic exam

Increased by 18%



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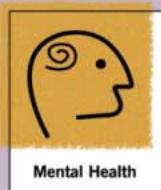


Overall Trends

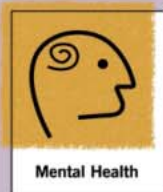
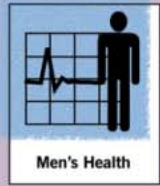


NC Men Areas For Concern:

- Diabetes prevalence has increased by 33%
- Obesity in white men increased by 14%
- Incarceration rates increased by 10%
- Rate of uninsured increased by 13%
- Primary and secondary syphilis rates increased by 31%
- Chlamydia rates increased by 22%



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Findings

NC Men Compared to US Men

➤ NC men have higher mortality rates for

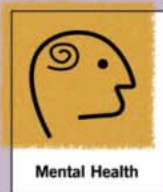
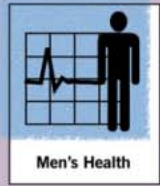
- Cerebrovascular disease
- Lung cancer
- Chronic lower respiratory disease
- Prostate cancer
- Motor vehicle accidents
- Homicides

➤ Compared to US minority men, NC minority men have higher mortality rates for

- Cerebrovascular disease
- Lung cancer
- Chronic lower respiratory disease
- Diabetes
- Prostate cancer
- Colorectal cancer

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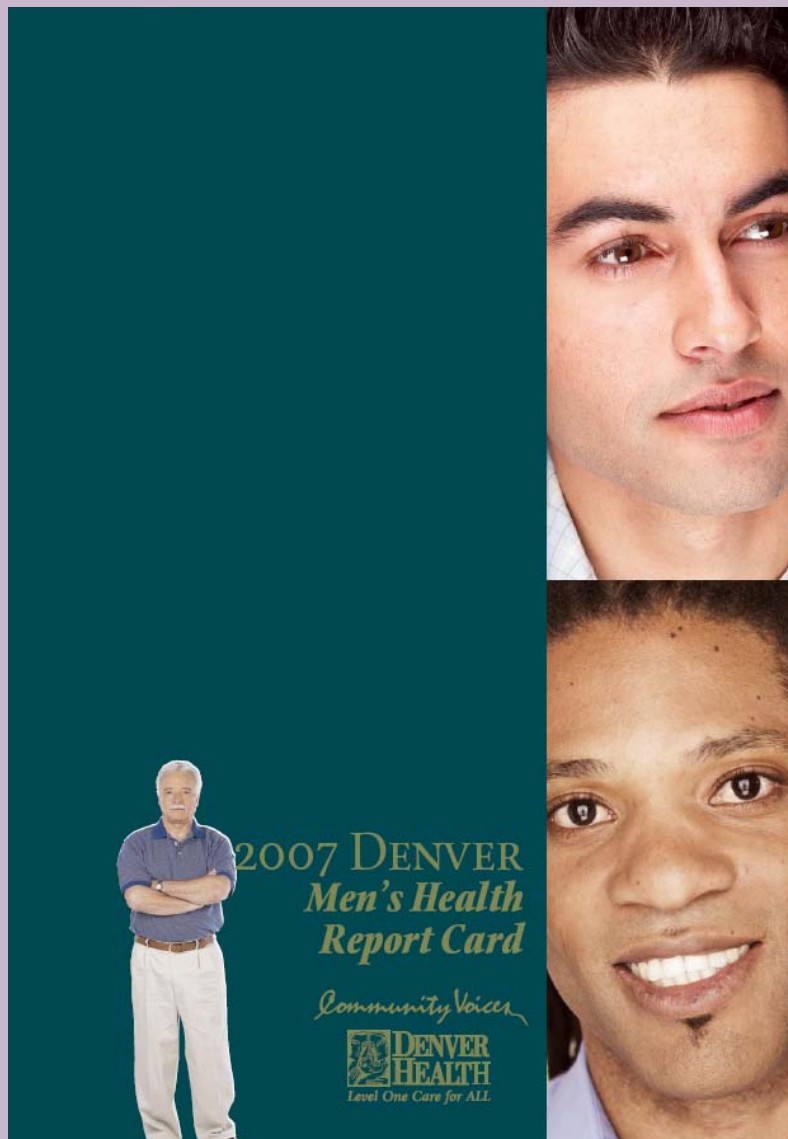
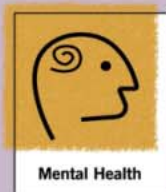
Findings



NC Men Compared to US Men

- Compared to US minority men, NC minority men have
 - 16% higher rate of diabetes prevalence
 - 17% higher rate of hypertension
 - 17% higher rate of high cholesterol
- Overall, NC men have
 - 13% higher rate of smoking
 - 21% higher rate of uninsured
 - 13% higher rate of poverty

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Denver Men's Health Report Card

Liz Whitley, RN, PhD

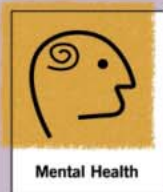
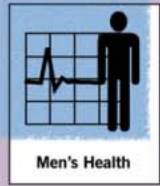
Denver Health

Community Voices

Jodi Drisko, MSPH

Colorado Department of
Public Health and
Environment

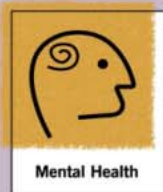
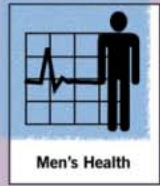
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Partners

- Denver Health Community Voices
- Colorado Department of Public Health and Environment
 - ❖ Health Statistics Section
 - ❖ HIV/STD Surveillance Section
- Denver Public Health
- Denver County Jail
- Denver Sheriff's Department
- Colorado Department of Labor

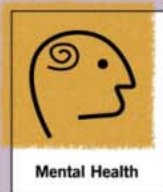
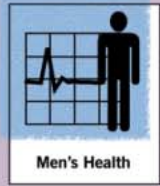
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Data Sources

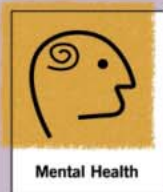
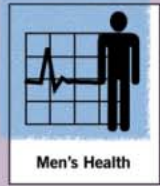
- National, State and County level data
- ❖ Vital Statistics (Death rates)
- ❖ Behavioral Risk Factor Surveillance System
- ❖ HIV/STD Surveillance Data
- ❖ US Dept of Labor, Colorado Dept of Labor,
- ❖ Labor Market Information

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Data Sources

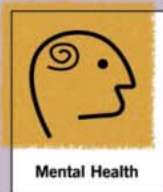
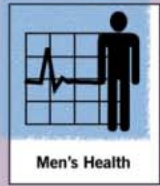
- ❖ American Community Survey – demographics, poverty
- ❖ Piton Foundation, poverty data for county
- ❖ Incarceration data – County Sheriff's, Denver city jail, Denver county jail, US Dept of Justice, Colorado Dept of Corrections



Grading/Trending Method

- Chose 3 categories based on 3-5 year trends for Denver Total Rate
 - ❖ Improved
 - ❖ Unchanged
 - ❖ Worse

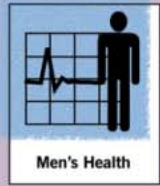
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Comparison Groups

- National
- State
- County level - Within group differences

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Indicators



➤ Summary

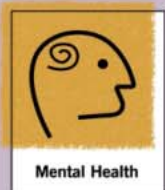


❖ 30 Indicators

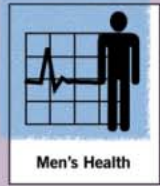
😊 50% (n=15) Improved

☹️ 20% (n=6) Worse

😐 30% (n=9) Unchanged



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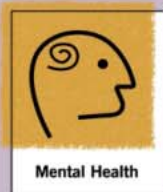


Adult Men in Denver (age 18+)

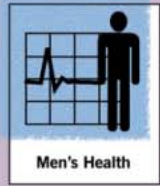


Race/Ethnicity

African American	8.9%
Asian	3.1%
White/Non Hispanic	54.3%
Hispanic	32.2%
Other	1.5%
Total Number	206,480



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Racial/Ethnic Disparities



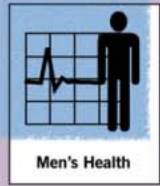
HIV Incidence Rates (cases per 100,000)

<i>Race/Ethnicity</i>	Denver	Colo	US
	2006	2006	2005
African American	111.1	56.6	124.8
American Indian	113.9	28.2	19.1
Asian/PI	58.4	18.7	14.5
Hispanic	40.5	20.6	56.2
White/Non-Hispanic	85	12.2	18.2
Total	69.5	17.2	36.2



Denver Trend 2003-2006: Improved





Findings



Areas Where Denver Men are Doing Well

➤ Obesity

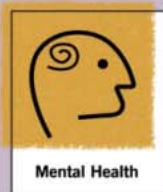
<1/5 are obese

➤ Leisure Time Physical Activity

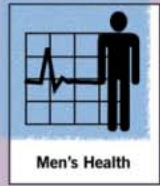
Only 12% not engaged

➤ High Blood pressure

Present in slightly >1/5



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Findings



Areas Where Denver Men are Doing Well

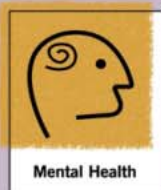
➤ Death Rates Improving for

Heart Disease

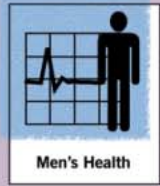
Diabetes

Colorectal Cancer

Lung Cancer



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Findings

Areas of Concern for Denver's Men



➤ Infectious Disease

Significantly higher incidence than Colorado & US



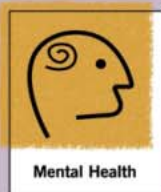
➤ Binge Drinking

28% binge drank in past month

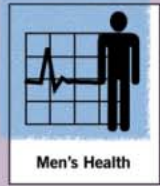


➤ Suicide

26.3 deaths per 100,000



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Findings

Areas of Concern for Denver's Men



➤ Incarceration

39,501 males arrested and booked

Almost $\frac{3}{4}$ were repeat offenders



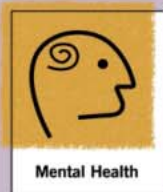
➤ Health Insurance

20% (age 18+) uninsured

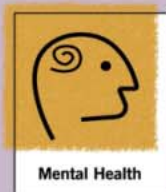
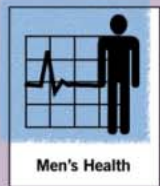


➤ Poverty

14% (all ages) below FPL



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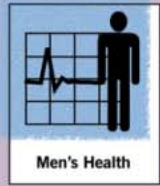


New Mexico's Men's Health Report Card

Wayne Powell, MA
New Mexico-Community Voices

Tom Scharmen, MA MPH
New Mexico Department of
Health

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Partners



- New Mexico Department of Health
 - ❖ Region 3 Office of Community Assessment, Planning and Evaluation

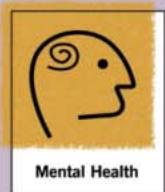


- ❖ Chronic Disease Bureau

- Institute for Public Health UNM HSC
- Health Evaluation and Research Office

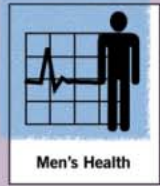


- Community Voices North Carolina
- Denver Community Voices



- Office of the Vice President for Community Health UNM HSC
- New Mexico Community Voices

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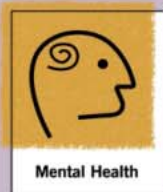


Data Sources

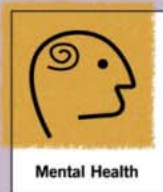
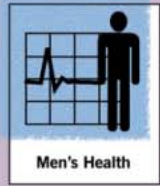


➤ National, State Level Data

- ❖ NM DOH Vital Records
- ❖ NM DOH Infectious Disease Bureau
- ❖ Behavioral Risk Factor Surveillance System
- ❖ UNM Bureau of Business and Econ. Research
- ❖ US Census Bureau
- ❖ US Bureau of Justice Statistics
- ❖ Center for Disease Control
- ❖ National Center for Health Statistics
- ❖ North Carolina CV and Denver CV



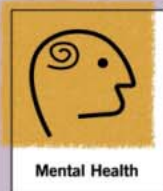
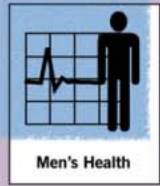
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Grading/Trending Method

- Smaller Populations Required
Combining Multiple Data Years for Sufficient numbers
- Oldest data available was compared to most recent (1995-1998 compared to 2003-2006)
- Risk Ratios Applied for Statistically Significant Trends (Up, Down, None)

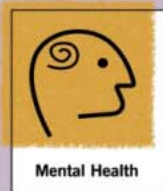
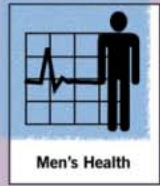
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Comparison Groups

- National
- State

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Indicators

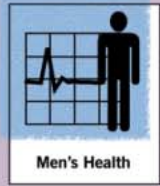
➤ Summary

❖ 30 Indicators

😊 10% (n=4) Improved

☹ 26% (n=8) Worse

😐 63% (n=18) Unchanged



Adult Men in New Mexico-age 15+



Race/Ethnicity

African American (16,767) 2.1%

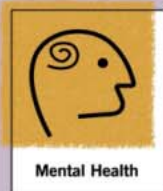
Asian (10,167) 1.3%

Hispanic (324,453) 41.6%

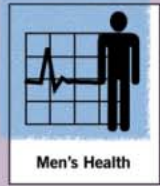
Native American (69,126) 8.9%

White (359,693) 46.1%

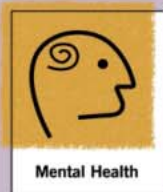
Total Number 780,226



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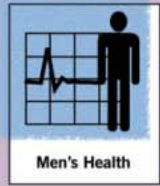
Racial/Ethnic Disparities



- All Indicators were measured for 4 racial/ethnic groups
- Testing was conducted for time trends, not disparities
- Observed disparities may not have statistical significance

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Findings



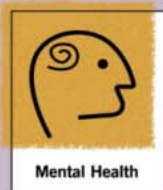
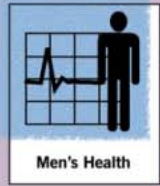
➤ Preventive Health Practices:

- ❖ Improvements in PSA and Sigmoidoscopy -colonoscopy rates overall

- ❖ High cholesterol rates rising (Hispanics, Whites & Overall)

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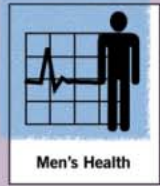
Findings



➤ Chronic Disease and Mortality

- ❖ Diabetes increasing for Hispanic and White men
- ❖ Prostate Deaths up among Native American men
- ❖ Stroke Deaths down overall
- ❖ Lower Respiratory deaths overall are half the national rate and declining

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Findings



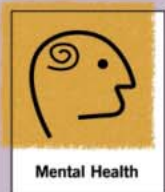
- Infectious Diseases
 - ❖ STD rates increasing, HIV stable



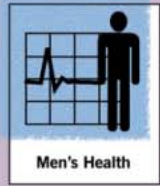
- Violence and Injuries



- ❖ Homicide down among African American men
- ❖ Motor Vehicle Deaths up overall
- ❖ Incarceration up by ~ 30% overall



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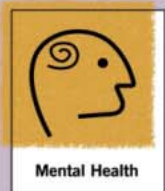
Findings



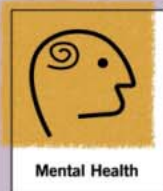
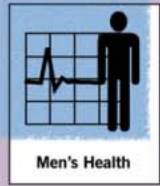
➤ Substance Abuse and Mental Health

- ❖ Current smokers – no change since 1998

- ❖ Suicide up among Native American and White men



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Moderator and Audience Question & Answer Session

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