

**Community Health  
Assessment 101:  
A Primer for Alabama  
Department of Public  
Health Employees**  
Satellite Conference and Live Webcast  
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Produced by the Alabama Department of Public Health  
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**Faculty**

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**Program Objectives**

- Explain the Public Health Accreditation process and the importance to the Alabama Department of Public Health
- Discuss the top 13 health issues in Alabama and compare to national data

**What is Public  
Health Accreditation?**

- Measurement against a set of nationally recognized standards
- Recognition of achievement
- Continual process of development and improvement

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**Public Health Accreditation  
Board (PHAB)**

- National non - profit organization
- Charged with administering the public health accreditation program
- Launched accreditation in September 2011
- Goal is to advance public health performance



**Public Health Accreditation  
Board (PHAB)**

- Developed process and standards – PHAB Standards and Measures, Version 1.5
- Website: [www.phaboard.org](http://www.phaboard.org)

### PHAB Standards and Measures

- Divided into 12 Domains
  - Each has standards and measures
  - Each measure has required documentation
- Domains relate to the 10 Essential Services of Public Health plus administration and governance

### PHAB Standards and Measures



### Accreditation Focus Areas

- Leadership
- Strategic planning
- Community engagement
- Customer focus
- Workforce development
- Evaluation and quality improvement
- Governance

### Why Do We Want To Be Accredited?

- Leads to increased opportunities for resources
- Highlights strengths and pinpoints areas for improvement
- Improves communication and collaboration within the department

### Why Do We Want To Be Accredited?

- Develops the current and future workforce
- Raises visibility of the department, and
- Streamlines the application process for grants

### Accreditation Activities

- Accreditation Leadership Team
  - Domain leads
  - Document review panel leads
  - Accreditation champion lead
- Updates?
  - Employee documentation application

### **Accreditation Activities**

- Link is posted in document library
  - PHAB –
  - Employee documentation
- ADPH accreditation website
  - [www.adph.org/accreditation](http://www.adph.org/accreditation)

### **Accreditation Process Steps**

- Step 1 – Pre - application
  - Statement of Intent
    - Submitted in May 22, 2014
  - Prerequisites
    - Community Health Assessment (CHA)
    - Community Health Improvement Plan (CHIP)
    - Department Strategic Plan

### **Accreditation Process Steps**

- Step 2 – Application
  - Submit prerequisites with application
  - By April 30, 2015
- Step 3 – Documentation selection and submission
  - By September 30, 2015

### **Accreditation Process Steps**

- Step 4 – Site visit
- Step 5 – Accreditation decision
- Step 6 – Reports
- Step 7 – Reaccreditation

### **Community Health Assessment (CHA)**

- Focused on population health status and issues
- Collaborative process
- Mobilizes the community
- Develops priorities
- Identifies resource assets and needs
- Collects and analyzes data

### **Community Health Assessment (CHA)**

- Process included conducting the following four surveys:
  - Statewide individual
  - Statewide organizational
  - Domain 1 work group
  - Selected interest group

### **Community Health Assessment (CHA)**

- Public Health Areas (PHA) conducted local community interest group meetings to identify the top 10 leading health - related concerns within their PHA

### **Acronyms**

- ADPH
  - Alabama Department of Public Health
- BRFSS
  - Behavioral Risk Factor Surveillance System
- PHAB
  - Public Health Accreditation Board
- PHA
  - Public Health Area

### **Top 13 Health Issues**

- Access to care
- Mental health and substance abuse
- Poor pregnancy outcomes
- Nutrition and physical activity
- Circulatory diseases
- Sexually transmitted infections
- Cancer

### **Top 13 Health Issues**

- Child abuse and neglect
- Diabetes
- Geriatrics
- Injury and violence prevention
- Dental health
- Tobacco use

### **1. Access to Care**

- Percent uninsured population under age 65 (Census Bureau – available down to the county level)
  - 633,845 Alabamians were without health insurance in 2012
  - This is 15.8% of the entire population under age 65
  - This percentage was 15.7 in 2006

### **Access to Care**

- Alabama had the 24th highest percent uninsured persons under age 65 among all states in 2012
- The national percentage was 15.4 in 2012
- Percent population experiencing a lack of primary care service and living in primary care health professional shortage areas

### **Access to Care**

- ADPH, office of primary care and rural health – available down to the county level
- There are an estimated 1,764,000 Alabamians experiencing a lack of adequate primary care service in Alabama in 2014

### **Access to Care**

- This accounts for approximately 36.4% of Alabama's entire population
- Only 5 Alabama counties are not currently entirely or partially classified as primary care health professional shortage areas

### **2. Mental Health and Substance Abuse**

- Intentional self harm (suicide) mortality rate
  - Center for health statistics – available down to the county level
  - 2,037 Alabamians were suicide victims during 2010 - 2012

### **Mental Health and Substance Abuse**

- The age - adjusted mortality rate was 13.8 deaths per 100,000 standardized population
- This rate was 12.0 during 2000 - 2002
- Alabama had the 22nd highest rate (13.4) among all states in 2008 - 2010

### **Mental Health and Substance Abuse**

- The national rate was 11.8 in 2008 - 2010
- Percent adult population ever told that they have depression
  - BRFSS – available down to the PHA level
  - In 2012, 21.9% of adult Alabamians had ever been told that they have depression

### **Mental Health and Substance Abuse**

- Alabama had the 6th highest prevalence of depression among states
- The national percentage was 18.0 in 2012

### 3. Poor Pregnancy Outcomes

- Infant mortality rate
  - Center for Health Statistics – available down to the county level
  - 1,522 Alabama infants lost their lives during 2010-2012
  - The infant mortality rate was 8.6 deaths per 1,000 live births
  - This rate was 9.3 during 2000 - 2002

### Poor Pregnancy Outcomes

- Alabama had the 2nd highest rate among all states in 2010
- The national rate was 6.1 in 2010
- Low weight birth rate
  - Center for Health Statistics – available down to the county level
  - 5,866 Alabama resident babies were born of low birth weight (under 2,500 grams or 5 pounds and 8 ounces) in 2012

### Poor Pregnancy Outcomes

- This accounted for 10.1% of all births to residents
- This percentage was 9.9 in 2002
- Alabama had the 3rd highest percentage among all states in 2011
- The national percentage was 8.1 in 2011

### 4. Nutrition and Physical Activity

- Percent adult obesity
  - BRFSS and County Health Rankings and Roadmaps - available down to the county level
  - In 2012, 33.0% of adult Alabamians were obese
  - Alabama had the 5th highest percentage of obesity among states

### Nutrition and Physical Activity

- The national percentage was 27.6 in 2012
- Vegetable consumption less than once daily
  - BRFSS - available down to the PHA level
  - In 2011, 24.3% of adult Alabamians consumed vegetables less than one time daily

### Nutrition and Physical Activity

- Alabama had the 20th highest percentage in the nation
- The national percentage was 22.5 in 2011
- Fruit consumption less than once daily
  - BRFSS – available down to PHA level

### **Nutrition and Physical Activity**

- In 2011, 43.8% of adult Alabamians consumed fruit less than one time daily
- Alabama had the 8th highest percentage among states
- The national percentage was 37.7 in 2011

### **Nutrition and Physical Activity**

- Participated in enough aerobic and muscle strengthening exercises to meet guidelines for adults
  - BRFSS – available down to the PHA level
  - In 2011, 15.0% of adult Alabamians participated in enough aerobic and muscle strengthening exercises to meet guidelines

### **Nutrition and Physical Activity**

- Alabama had the 4th lowest percentage among states
- The national percentage was 21.0 in 2011

### **5. Circulatory Diseases**

- Heart diseases mortality rate
  - Center for health statistics – available down to the county level
  - 35,919 Alabamians died from heart diseases during 2010 - 2012
  - The age - adjusted mortality rate was 228.9 deaths per 100,000 standardized population

### **Circulatory Diseases**

- This rate was 294.4 during 2000 - 2002
- Alabama had the 3rd highest rate (239.0) among all states in 2008 - 2010
- The national rate was 184.6 in 2008 - 2010

### **Circulatory Diseases**

- Cerebrovascular diseases (stroke) mortality rate
  - Center for Health Statistics – available down to the county level
  - 7,759 Alabamians died from cerebrovascular diseases or stroke during 2010 - 2012
  - The age - adjusted mortality rate was 49.8 deaths per 100,000 standardized population

### **Circulatory Diseases**

- This rate was 69.8 during 2000 - 2002
- Alabama had the highest rate (54.4) among all states in 2008 - 2010
- The national rate was 40.2 in 2008 - 2010

### **Circulatory Diseases**

- Adults who have had their blood cholesterol checked and have been told it was high
  - BRFSS – available down to the PHA level
  - In 2011, 42.0% of adult Alabamians had their blood cholesterol checked and had been told it was high

### **Circulatory Diseases**

- Alabama had the 2nd highest percentage among states
- The national percentage was 38.4 in 2011

### **6. Sexually Transmitted Infections**

- Sexually transmitted infection cases reported
  - ADPH, STD Division – available down to the county level
  - 38,624 Alabamians were diagnosed with sexually transmitted infections (chlamydia, gonorrhea, and syphilis) during 2013

### **Sexually Transmitted Infections**

- The infection rate was 799.05 per 100,000 population
- This rate was 540.93 during 2003
- In 2012, Alabama had the:
  - 3rd highest chlamydia infection rate (637.6) among all states
  - 3rd highest gonorrhea infection rate (193.0) among all states

### **Sexually Transmitted Infections**

- 15th highest primary and secondary syphilis infection rate (4.5) among all states
- 14th highest early latent syphilis infection rate (4.9) among all states
- 15th highest late and late latent syphilis infection rate (5.2) among all states



### **Sexually Transmitted Infections**

- 14th highest congenital syphilis infection rate (6.4) among all states
- The national infection rate in 2012
  - 456.7 for chlamydia
  - 107.5 for gonorrhea
  - 5.0 for primary and secondary syphilis

### **Sexually Transmitted Infections**

- 4.7 for early latent syphilis
- 6.2 for late and late latent syphilis
- 7.8 for congenital syphilis

### **Sexually Transmitted Infections**

- New HIV cases
  - ADPH, HIV / AIDS Division – available down to the county level
  - 661 Alabamians were newly diagnosed with HIV during 2012
  - The infection rate was 13.8 per 100,000 population

### **Sexually Transmitted Infections**

- This rate fluctuated between 13.8 and 14.9 during 2008 - 2012
- Alabama had the 12th highest new infection rate among all states in 2011
- The national new infection rate was 15.8 in 2011

### **7. Cancer**

- Cancer mortality rate
  - ADPH, Center for Health Statistics – available down to the county level
  - 30,673 Alabamians died from cancer during 2010 - 2012
  - The age - adjusted mortality rate was 187.3 deaths per 100,000 standardized population

### **Cancer**

- This rate was 212.2 during 2000 - 2002
- Alabama had the 7th highest rate (195.1) among all states in 2008 - 2010
- The national rate was 174.2 in 2008 - 2010

### **Cancer**

- **Colorectal cancer incidence**
  - ADPH, Statewide Tumor Registry – available down to the county level
  - 24,384 Alabamians were diagnosed with colorectal cancer during the years 2002 - 2011
  - The age - adjusted incidence rate was 48.2 per 100,000 standardized population

### **Cancer**

- This rate was 48.8 during 1996 - 2000
- Alabama had the 12th highest rate (47.9) among all states in 2006 - 2010
- The national rate was 44.7 in 2006 - 2010

### **Cancer**

- **Female Breast Cancer Incidence**
  - ADPH, Statewide Tumor Registry – available down to the county level
  - 32,127 Alabama females were diagnosed with breast cancer during the years 2002 - 2011
  - The age - adjusted incidence rate was 117.0 per 100,000 standardized population

### **Cancer**

- This rate was 116.0 during 1996 - 2000
- Alabama had the 36th highest rate (119.4) among all states in 2006 - 2010
- The national rate was 122.2 in 2006 - 2010

### **Cancer**

- **Lung cancer incidence rate**
  - ADPH, Statewide Tumor Registry – available down to the county level
  - 38,593 Alabamians were diagnosed with lung cancer during the years 2002 - 2011
  - The age - adjusted incidence rate was 75.1 per 100,000 standardized population

### **Cancer**

- This rate was 73.2 during 1996 - 2000
- Alabama had the 10th highest rate (75.2) among all states in 2006 - 2010
- The national rate was 65.7 in 2006 - 2010

### **Cancer**

- **Prostate cancer incidence rate**
  - **ADPH, Statewide Tumor Registry – available down to the county level**
  - **35,480 Alabama males were diagnosed with prostate cancer during the years 2002 - 2011**
  - **The age - adjusted incidence rate was 154.1 per 100,000 standardized population**

### **Cancer**

- **This rate was 129.0 during 1996 - 2000, but prostate cancer was known to be under - reported during this time**
- **Alabama had the 11th highest rate (158.4) among all states in 2006 - 2010**
- **The national rate was 146.6 in 2006 - 2010**

### **8. Child Abuse and Neglect**

- **Child (age 17 and younger) abuse and neglect reports completed**
  - **Alabama Department of Human Resources - available down to the county level**
  - **There were 20,599 reports completed involving 28,385 children during fiscal year 2012 (October 2011 through September 2012)**

### **Child Abuse and Neglect**

- **This rate of child abuse and neglect was 25.2 per 1,000 population aged 17 years or less**
- **The national rate was 28.4 during this same time period**

### **9. Diabetes**

- **Diabetes - related mortality (any mention of diabetes on the death certificate)**
  - **ADPH, Center for Health Statistics – available down to the county level**
  - **11,309 Alabamians died from diabetes-related causes during 2010 - 2012**

### **Diabetes**

- **The age - adjusted mortality rate was 70.6 deaths per 100,000 standardized population**
- **This rate was 79.6 during 2000 - 2002**
- **Alabama had the 18th highest rate (76.8) among all states in 2008 - 2010**

### **Diabetes**

- The national rate was 71.6 in 2008 - 2010
- Percent of adults ever told by a doctor that they have diabetes
  - BRFSS – available down to the PHA level
  - In 2012, 12.2% of adult Alabamians had ever been told by a doctor that they have diabetes

### **Diabetes**

- Alabama had the 3rd highest percentage among states
- The national percentage was 9.7 in 2012

### **10. Geriatrics**

- Projected percentage increase in elderly population
  - Census Bureau – available down to the county level
  - Alabama's elderly population (age 65+) is projected to increase from 657,792 to 1,199,853 between 2010 and 2040

### **Geriatrics**

- This is an increase of 82.4%
- The national elderly population (age 65+) is projected to increase from 40,267,984 to 79,719,000 between 2010 and 2040
  - This is an increase of 98.0%

### **Geriatrics**

- Increase the proportion of females aged 65 years and older who are up to date on a core set of clinical preventive services
  - BRFSS – available down to the PHA level

### **Geriatrics**

- In 2012, 33.3% of female Alabamians aged 65 years or more were up to date on a core set of clinical preventive services
- The national percentage was 30.9 in 2012

### Geriatrics

- Increase the proportion of males aged 65 years and older who are up to date on a core set of clinical preventive services
  - BRFSS – available down to the PHA level
  - In 2012, 36.5% of male Alabamians aged 65 years or more were up to date on a core set of clinical preventive services

### Geriatrics

- The national percentage was 34.1 in 2012
- Adult (age 18+) abuse and neglect reports completed
  - Alabama Department of Human Resources - available down to the county level

### Geriatrics

- There were 6,145 reports completed involving 6,399 adults during Fiscal Year 2013 (October 2012 through September 2013)
- This rate of adult abuse and neglect was 17.0 per 10,000 population aged 18 years or more

### 11. Injury and Violence Prevention

- Homicide Mortality Rate (ADPH, Center for Health Statistics – available down to the county level)
  - 1,173 Alabamians died from homicide during 2010 - 2012
  - The age - adjusted mortality rate was 8.3 deaths per 100,000 standardized population

### Injury and Violence Prevention

- This rate was 9.6 during 2000 - 2002
- Alabama had the 3rd highest rate (9.0) among all states in 2008 - 2010
- The national rate was 5.6 in 2008 - 2010

### Injury and Violence Prevention

- Accidental poisoning mortality rate
  - ADPH, Center for Health Statistics – available down to the county level
  - 1,481 Alabamians died from accidental poisoning during 2010 - 2012
  - The age - adjusted mortality rate was 10.6 deaths per 100,000 standardized population

### **Injury and Violence Prevention**

- This rate was 4.3 during 2000 - 2002
- Alabama had the 20th highest rate (11.6) among all states in 2008 - 2010
- The national rate was 10.4 in 2008 - 2010

### **Injury and Violence Prevention**

- Motor vehicle accident mortality rate
  - ADPH, Center for Health Statistics – available down to the county level
  - 2,661 Alabamians died from motor vehicle accidents during 2010 - 2012
  - The age - adjusted mortality rate was 18.4 deaths per 100,000 standardized population

### **Injury and Violence Prevention**

- This rate was 23.9 during 2000 - 2002
- Alabama had the 5th highest rate (20.5) among all states in 2008 - 2010
- The national rate was 11.9 in 2008 - 2010

### **12. Dental Health**

- Ratio of population to dentists
  - Board of Dental Examiners – available down to the county level
  - There are 2,138 licensed dentists actively practicing in Alabama during 2014
  - This is approximately 4.4 dentists per 10,000 population

### **Dental Health**

- There were approximately 4.7 dentists per 10,000 population in the nation in 2012
- Visited the dentist or dental clinic within the past year for any reason
  - BRFSS – available down to the PHA level

### **Dental Health**

- In 2012, 58.0% of adult Alabamians had visited the dentist or dental clinic within the past year for any reason
- Alabama had the 5th lowest percentage among states
- The national percentage was 64.9 in 2012

### **13. Tobacco Use**

- **Adult cigarette smoking**
  - BRFSS and County Health Rankings and Roadmaps – available down to the county level
  - In 2012, 23.8% of adult Alabamians were cigarette smokers
  - Alabama had the 9th highest percentage among states

### **Tobacco Use**

- The national percentage was 19.6 in 2012
- **Adolescent cigarette smoking in the past 30 days**
  - Youth Risk Behavior Survey – available down to the state level
  - In 2011, 22.9% of Alabama high school students had smoked cigarettes within the past 30 days

### **Tobacco Use**

- Alabama had the 3rd highest percentage among states
- The national percentage was 18.1 in 2012

### **ADPH Public Health Accreditation**

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