



## North Hawaii Healthy Community Forum



Five Mountains Hawaii North Hawaii Community Hospital



## North Hawaii Our Healthy Community

Great Sense of Community  
Great Place to Work  
Great Place to Raise a Strong Family  
Great Place to Play  
Healthy People Making Healthy Choices  
Great Place to Heal  
A Great Place to Live




## Are We Accomplishing Our Common Goal?

Improve Quality of Life & Health  
of the People of North Hawaii




## Great Progress

- Community **cares**
- “Can do” attitude
- Collaborate

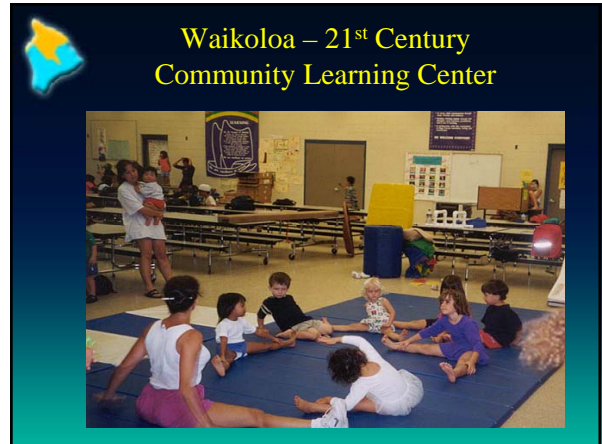


## Hamakua Health Center



## North Hawaii Community Hospital





### Why Measure Outcomes?

- Motivate
- Mobilize
- Monitor
- Funding

**• IT WORKS**



### What Are We Asking of You?

- Review and prioritize
- Discuss how to improve
- Consider commitment to ongoing collaboration

### Measurement 101

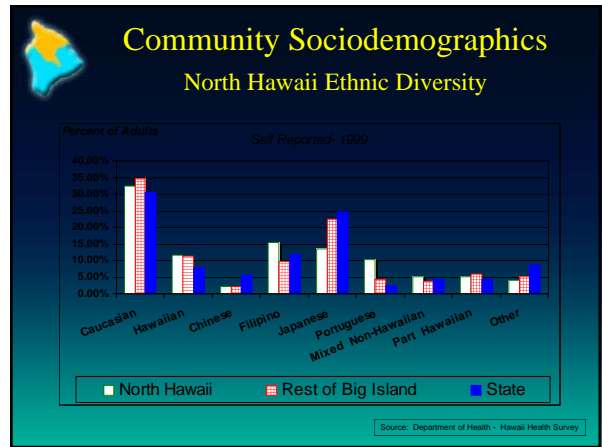
- Count what counts
- What's "significant"?
- Compared to what?
  - Variation may signal opportunity
  - Aggregate numbers may "Hide" variation
  - Small areas may "Flag" hidden opportunities
- What's "useful"?

### Sources

<h4>Focus Groups</h4> <ul style="list-style-type: none"> <li>• North Kohala</li> <li>• Waimea</li> <li>• Waikoloa</li> <li>• Honokaa</li> <li>• Pharmacists</li> <li>• Behavioral Health</li> <li>• Clergy</li> <li>• Employers</li> </ul>	<h4>Secondary Data</h4> <ul style="list-style-type: none"> <li>• DOH                     <ul style="list-style-type: none"> <li>-Vital statistics</li> <li>-Surveys</li> <li>-Primary care needs '99</li> </ul> </li> <li>• DOE</li> <li>• Police records</li> <li>• County Data Book '98</li> <li>• Healthy People 2010</li> <li>• US Dept Human Health Services</li> </ul>
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### Great Sense of Community

- Shapes its future → -- Has common vision
- Knows itself → -- Measures progress
- Practices on going dialogue
- Connects people and resources
- Embraces diversity
- Generates leadership

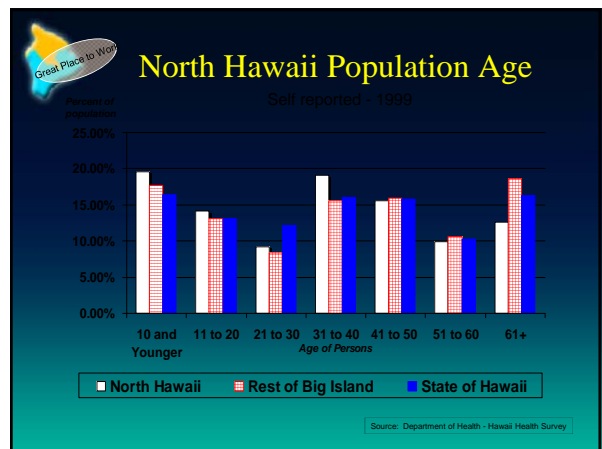


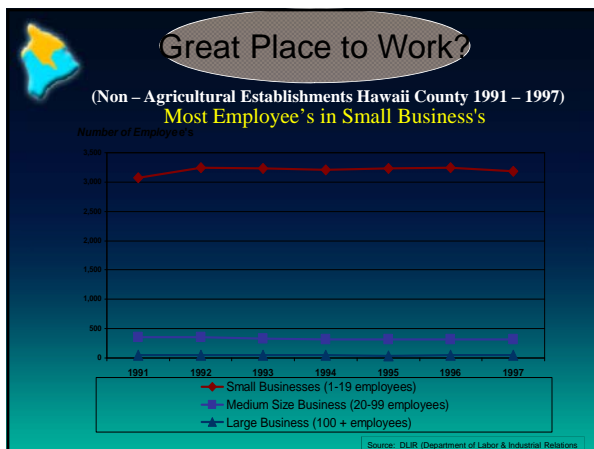
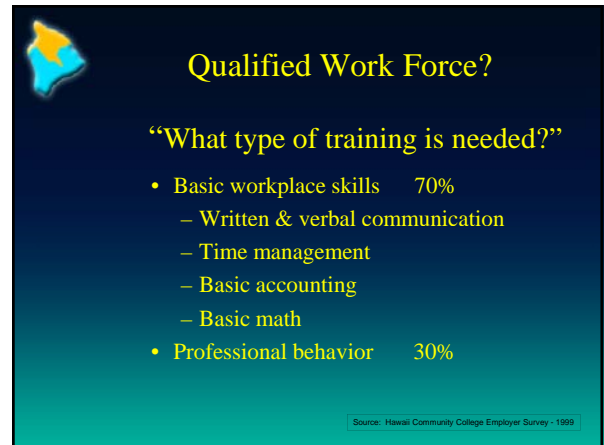
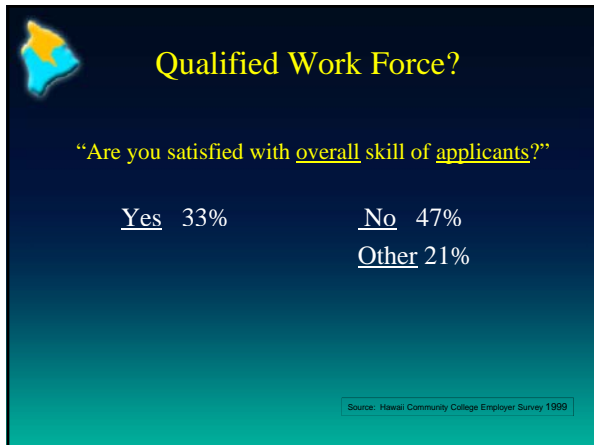
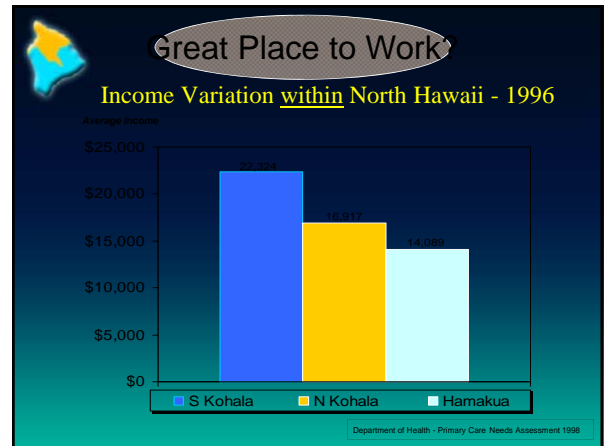
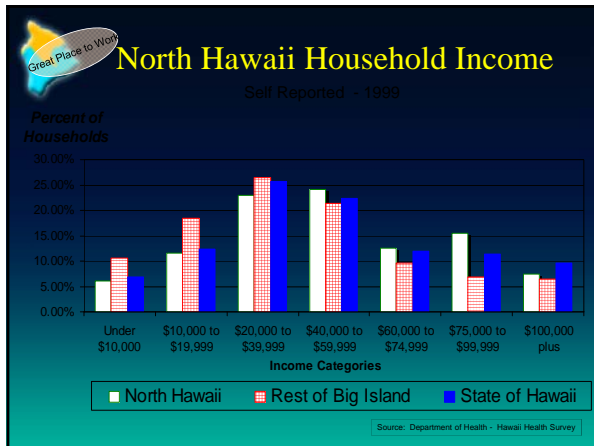
### Great Place to Work

#### Satisfied & Qualified Workers

<ul style="list-style-type: none"> <li>• Low unemployment</li> <li>• Small businesses</li> </ul>	<ul style="list-style-type: none"> <li>• High "dependency burden"</li> <li>• Low per capita income</li> <li>• Large distribution of income</li> <li>• High COLA--housing</li> <li>• Restaurant Business</li> </ul>
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High risk for drug traffic?

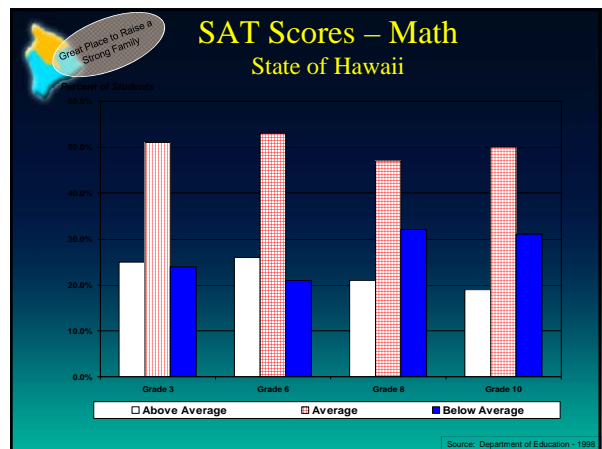
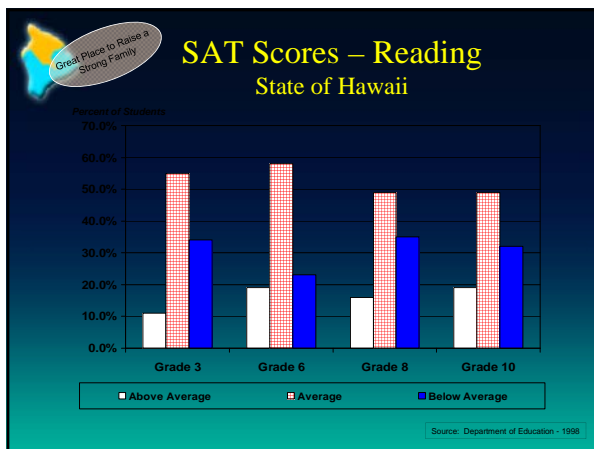
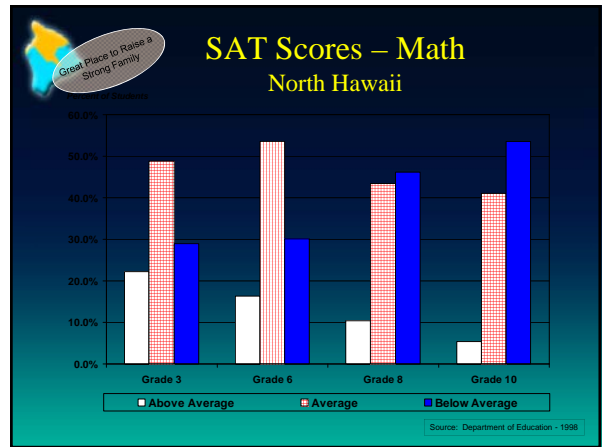
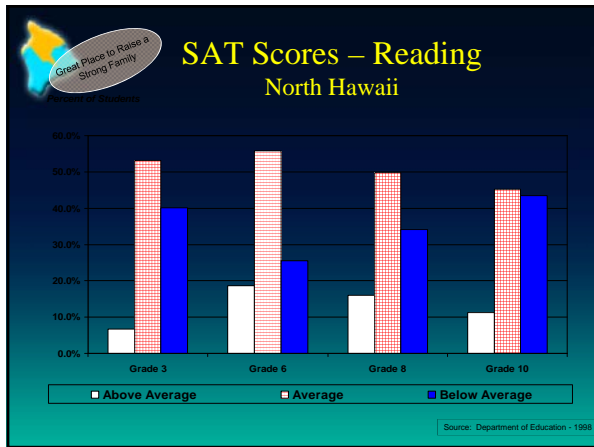




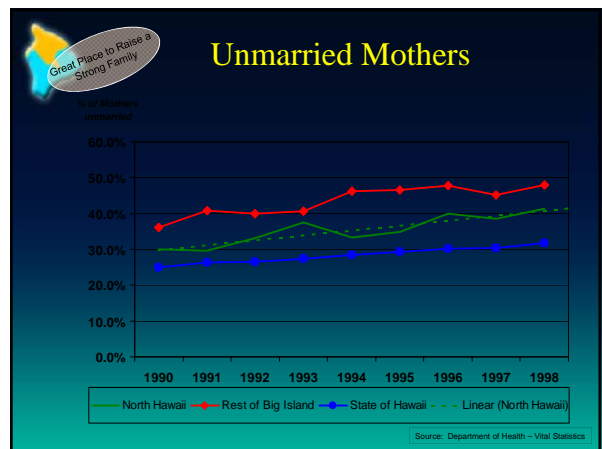
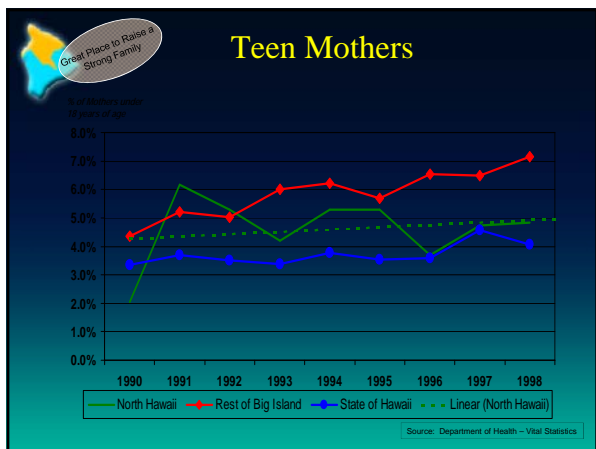
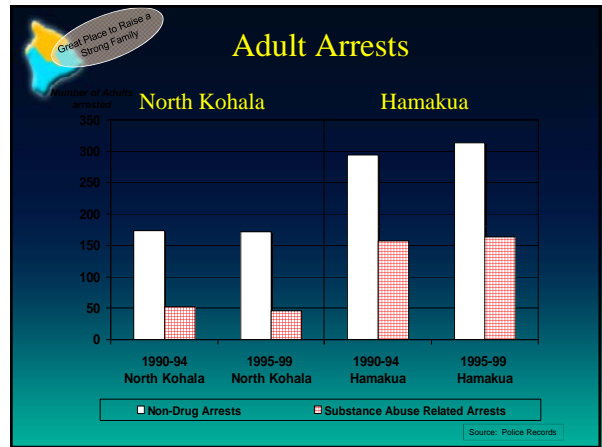
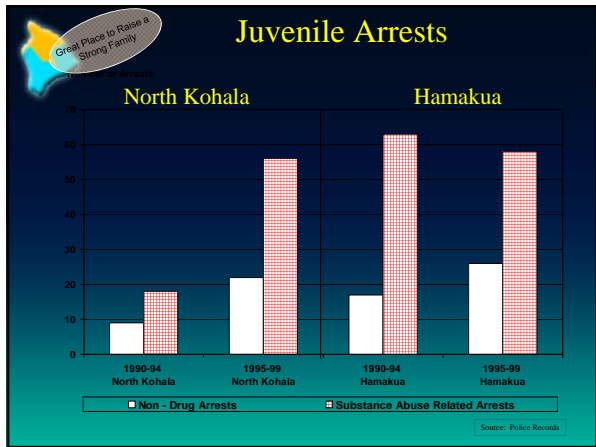
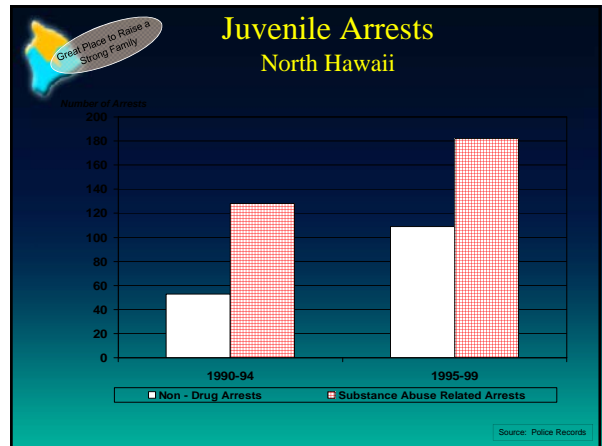
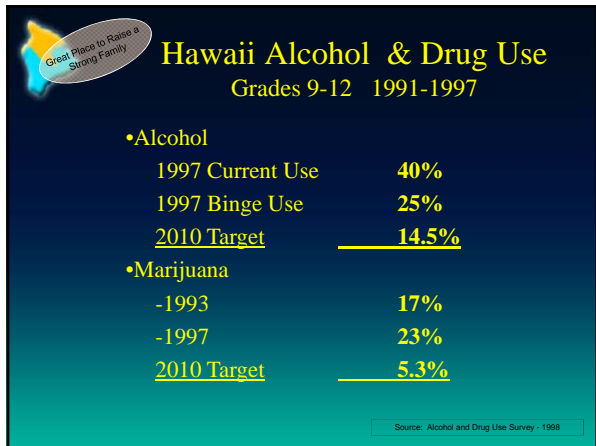


**Great Place to Raise a Strong Family?**

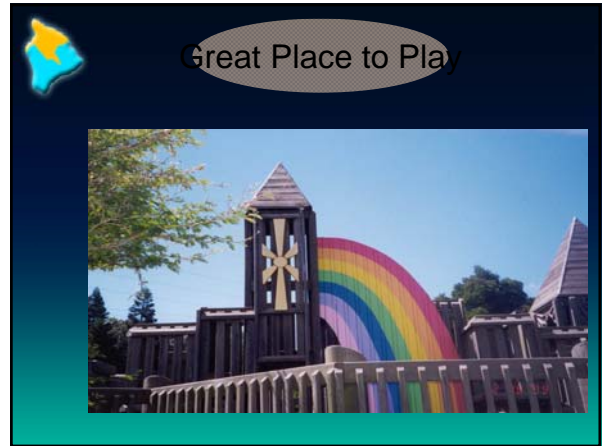
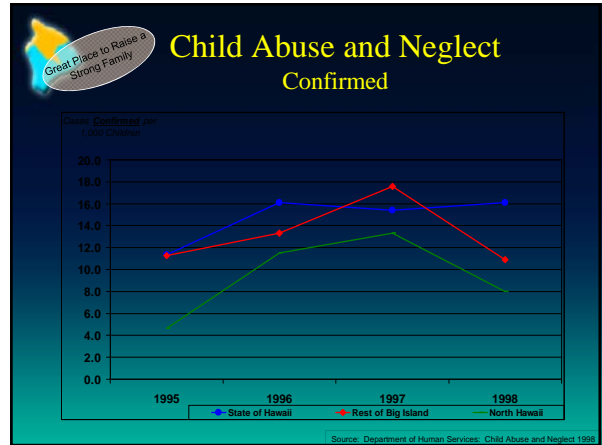
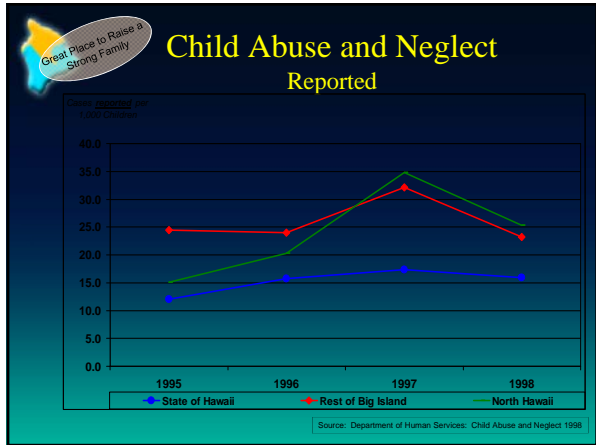
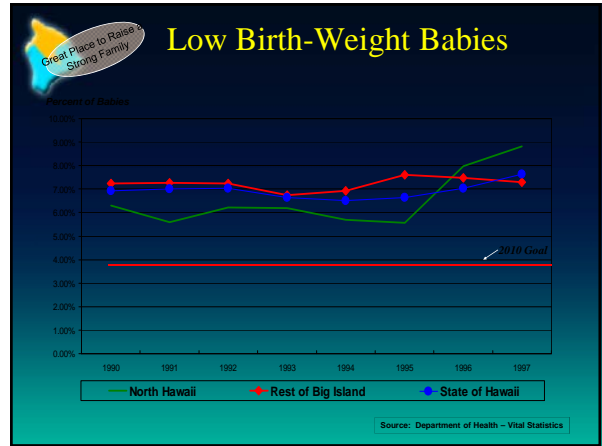
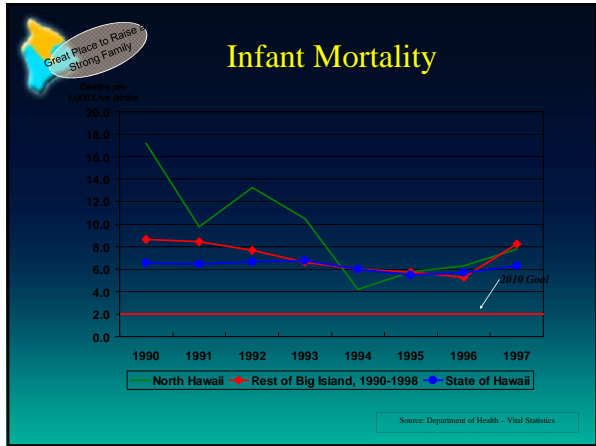
- Poverty
- Low educational level
- Kids 15-19 yr. old not in school or work
- Low SAT Scores
- Alcohol and drug use
- Increased juvenile arrests for substance abuse
- Births to teens
- Births to unmarried
- Low birth weight babies
- Child abuse rates
- Infant mortality
- Mortality ages 1-17



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**Great Place to Heal**

## Great Healthcare System

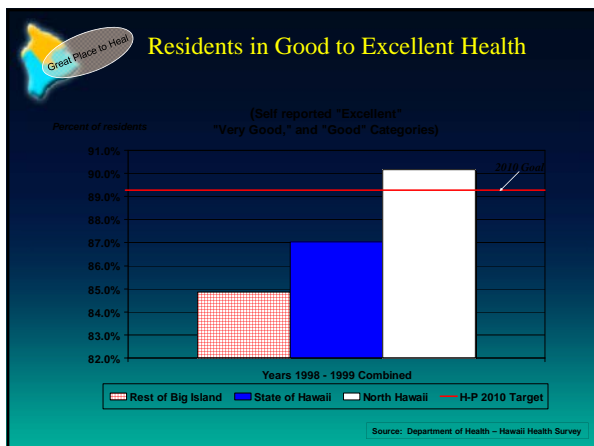
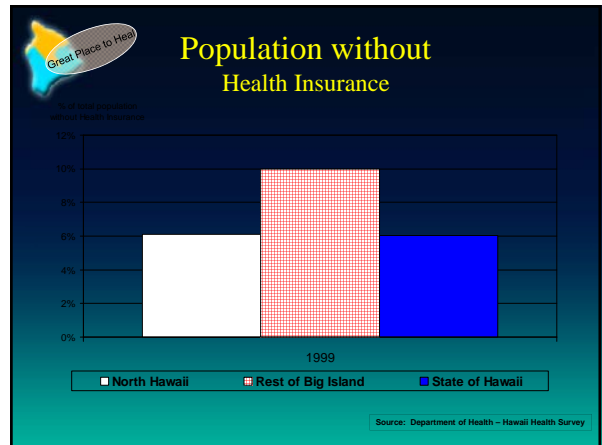
- **Access**
  - Insurance
  - Primary care ratio
- **Outcomes / Health Status**
- **Focus on Prevention / Risk Reduction**
- **Quality Care**
- **Hospital Utilization Rates / Cost**
- **Patient Satisfaction**
  - Access
  - “Whole person”
  - Explanation of illness



**Great Place to Heal**

## Great Healthcare System

- **Good news**
  - New acute hospital -NHCH
  - 6% uninsured
  - Sense of well-being
- **Opportunities**
  - Shortage
  - **Primary Care**
  - **Mental health**
  - **Dental care**
  - Further reduce uninsured



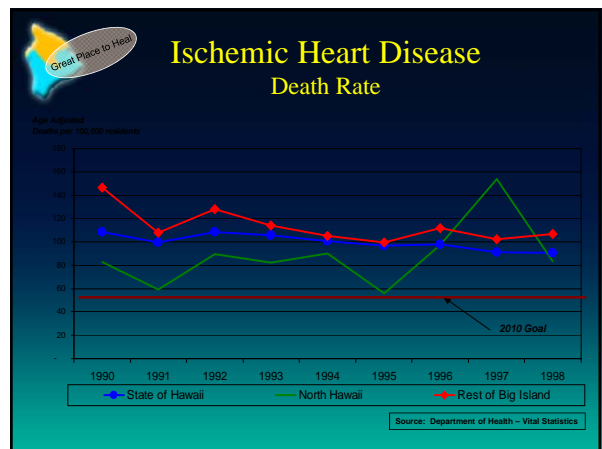
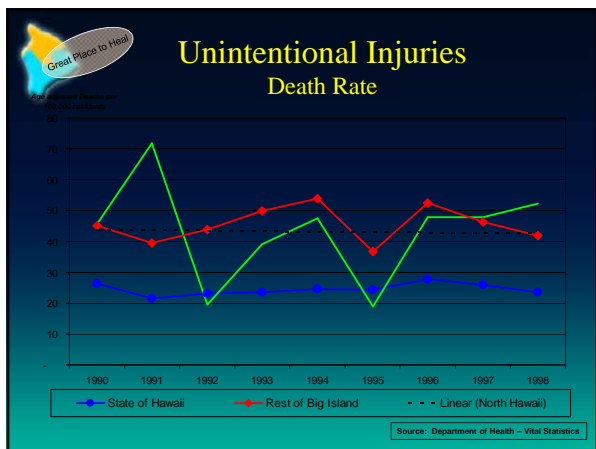
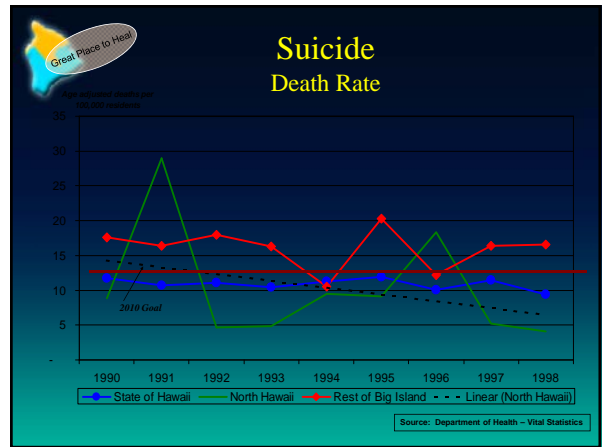
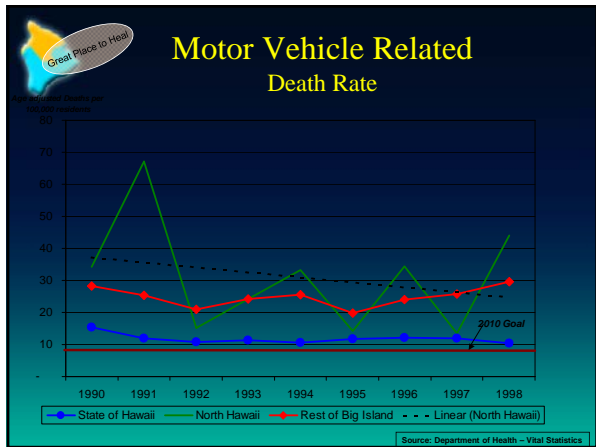
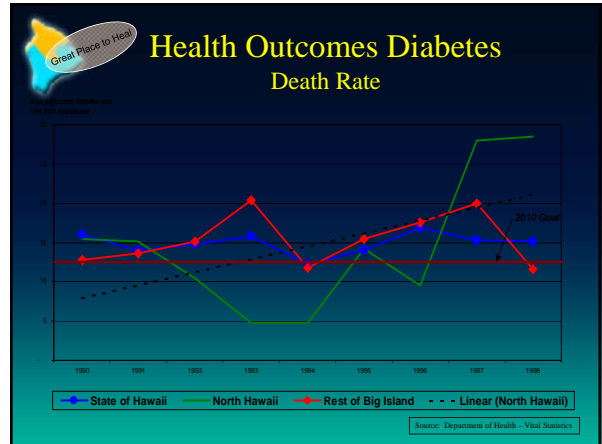
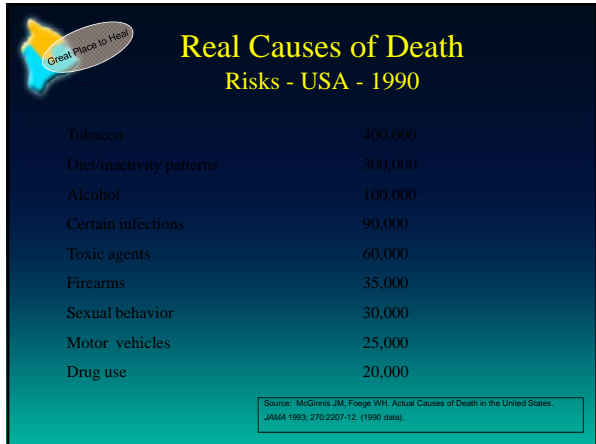
**Great Place to Heal**

## Leading Causes of Death Outcomes - USA - 1990

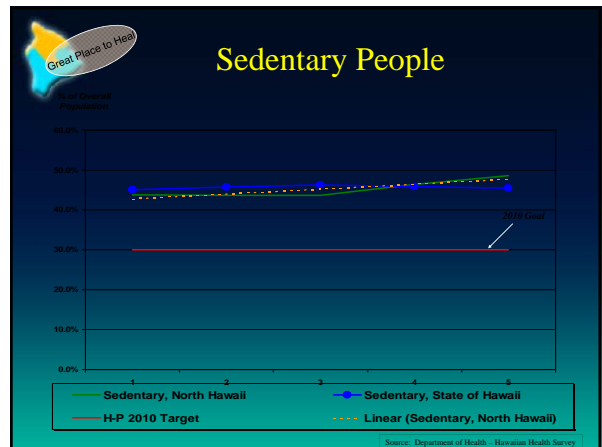
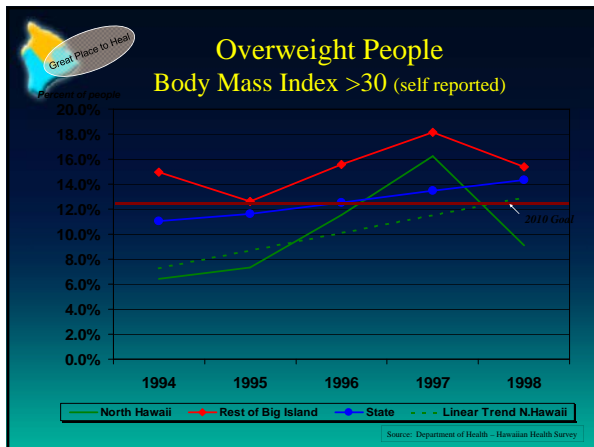
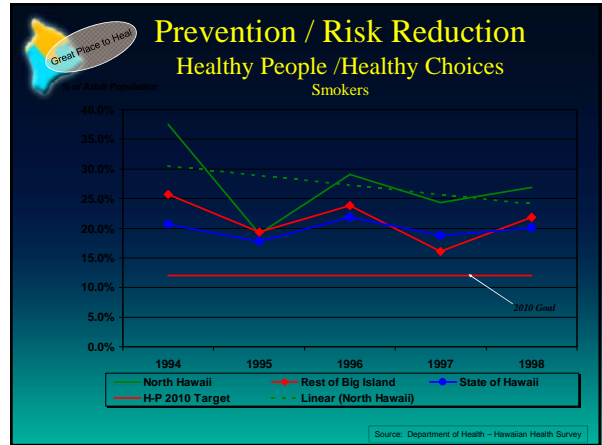
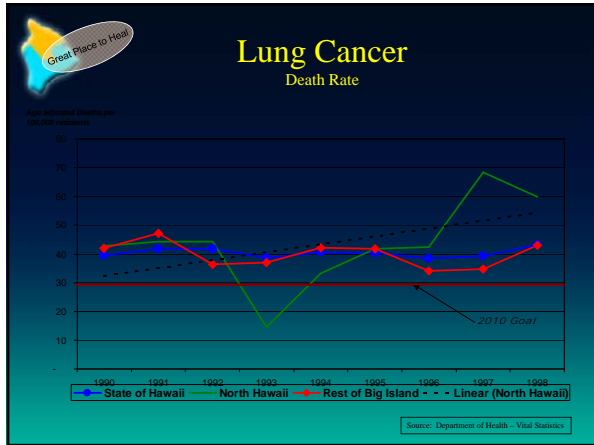
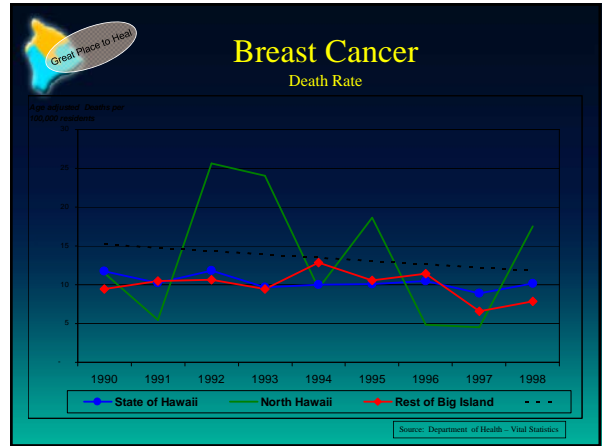
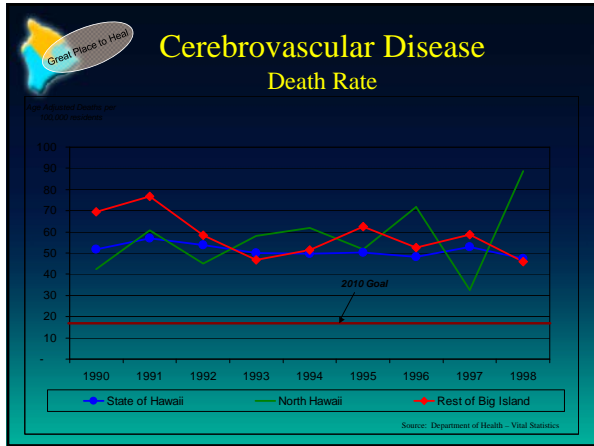
Heart	720,058
Cancer	505,322
Cerebrovascular Disease	144,088
Unintentional Injuries	91,983
Chronic Lung Disease	86,679
Pneumonia and Influenza	79,513
Diabetes	47,664
Suicide	30,906
Chronic Liver Disease/Cirrhosis	25,815
HIV Infection	25,188

Source: McGinnis JM, Foege WH. Actual Causes of Death in the United States. JAMA 1993; 270:2207-12. (1990 data).

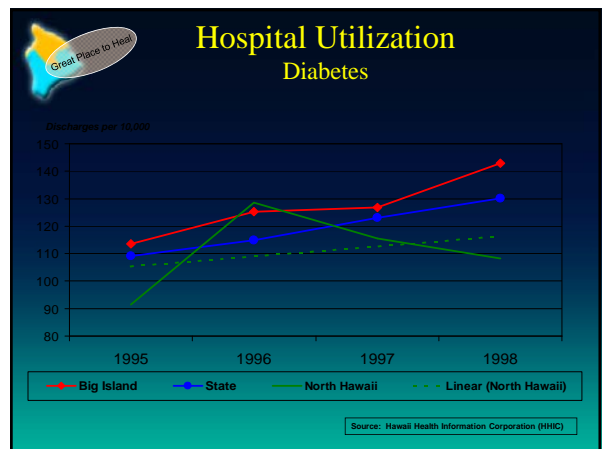
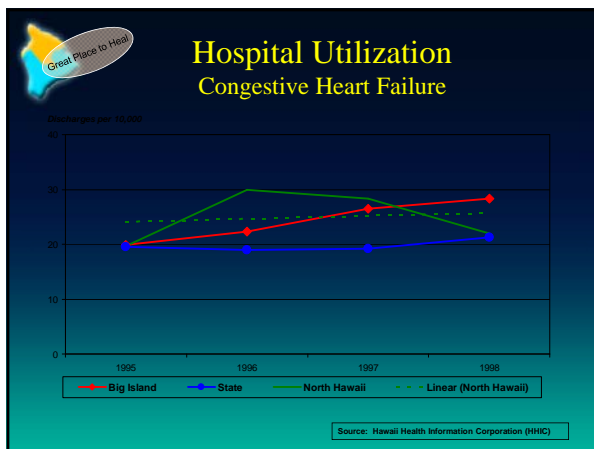
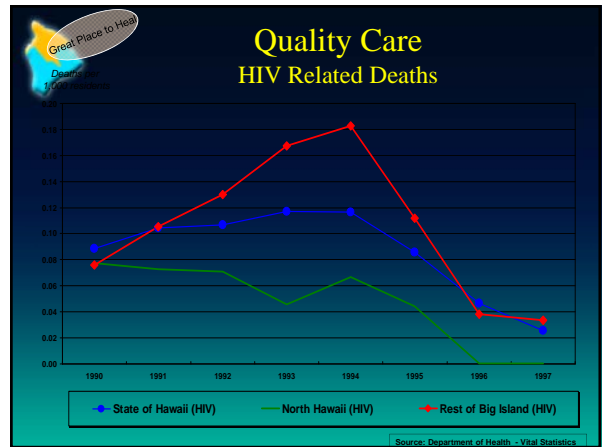
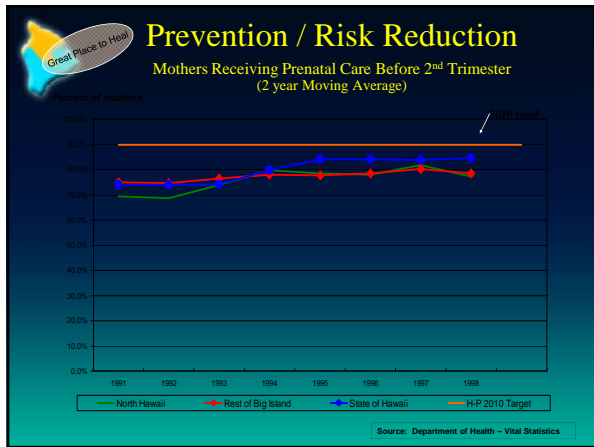
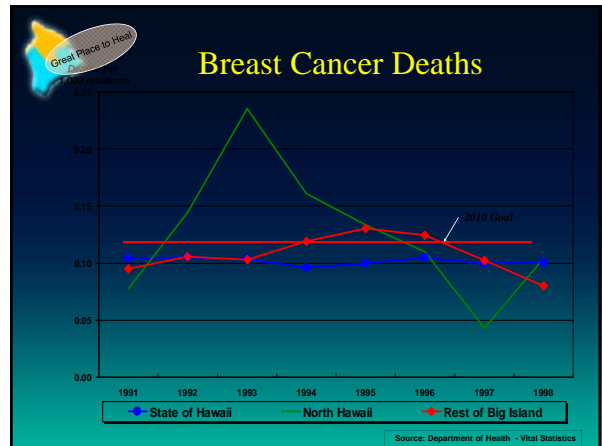
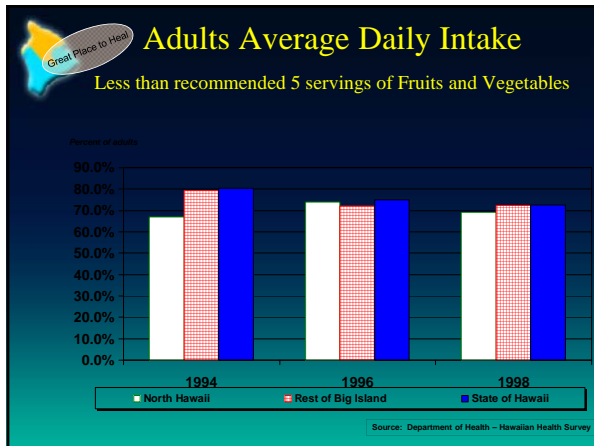


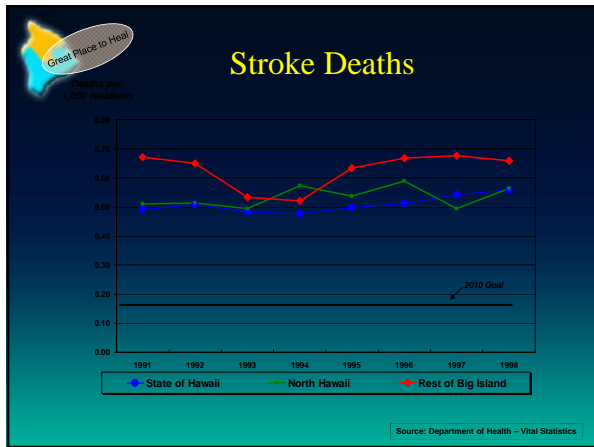
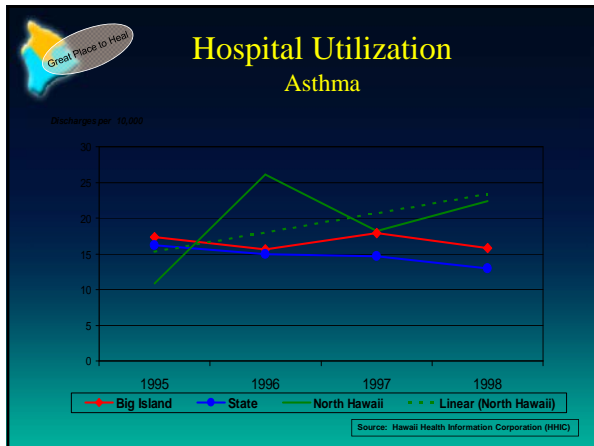


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**Great Place to Live**

<p><u>Data Needed</u></p> <ul style="list-style-type: none"> <li>• Focus Groups</li> <li>• Shoreline access</li> <li>• Water quality</li> </ul>	<p><u>Environmental Data Sources</u></p> <ul style="list-style-type: none"> <li>• Office of Environmental Quality Control</li> <li>• Annual Report on Land and Natural Resources – DLNR</li> <li>• Annual Monitoring Programs--DOH</li> </ul>
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**North Hawaii Our Healthy Community**

Where should our organizations focus?

What would success look like?  
 (Which indicators would get better?)

How can we work together to close the gaps?

- Criteria to prioritize**
- Consistent with our values
  - High leverage & high impact
  - Likelihood of improvement
    - Addresses root cause
    - Feasible
    - Builds on existing resources
  - Available models of success

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