

Accelerating Community Health Improvement

Friday, September 6, 2002



Mahalo to Our Sponsors

- North Hawaii Outcomes Project
- North Hawaii Community Hospital
- Tutu's House
- The Orchid at Mauna Lani
- New Hope Church
- Watanabe Floral
- Hawaii Preparatory Academy



Accelerating Community Health Improvement

Share common hopes & priorities
Celebrate progress
Inspire more collaboration and progress

September 6, 2002

Five Mountains Hawaii North Hawaii Outcomes Project

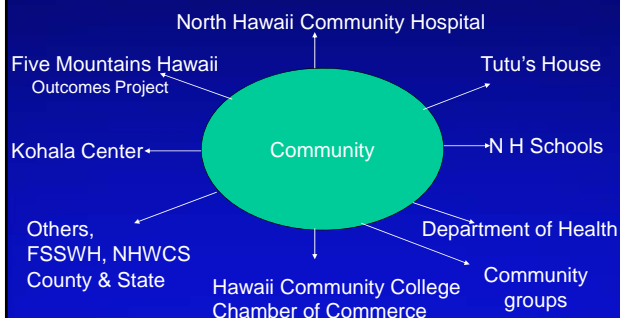


North Hawaii Community Health Improvement

This is a marathon
not a sprint.



North Hawaii Community Health Collaboration




Five Mountains' Role

Five Mountains Hawaii *facilitates* collaboration and learning to improve community health outcomes .



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North Hawaii Timeline

1999

- ✓ **Listen** to community--Focus Groups
- ✓ **Identify models** for *measuring and improving* Community Health

2000


- ✓ Collect & Report "Community Health Profile"
- ✓ Community Forum **Selects Community Priorities**
- ✓ Task Force Groups formed

2001

- ✓ Additional Priorities Identified- School community collaboration
- ✓ Community Collaboration-Educational Rotary
- ✓ Community health data supplied to support community grant applications

2002

- ✓ Focus on Accelerating Improvement & Measuring Progress



Community Fears...

- "Losing what's special"
- Rising cost of living and making ends meet
- Balancing multiple jobs and family
- Affording a good education for children
- Rising crime associated with substance abuse
- Access to healthcare




North Hawaii's Hopes for a Healthy Community

A great place to live, with a great sense of community,


A great place to work, play & raise a strong family,

A great place to heal



North Hawaii's Hopes for Its People

- Newborns, infants, and toddlers thrive.
- Children are safe, healthy and ready to succeed in school.
- Youth make healthy choices and become successful adults.
- Adults have meaningful work, family-sustaining incomes.
- Elders are respected and integrated into community life.



Community Selected Priorities 2000

1. Improve educational attainment
2. Increase number of qualified job applicants
3. Increase youth activities
4. Decrease substance abuse in youth and adults
5. Decrease child abuse and domestic violence
6. Decrease teen pregnancy



Additional Priorities 2001

- ✓ Increasing school community collaboration
- ✓ Balancing economic growth and cultural preservation
- ✓ Improving public transportation
- ✓ Supporting successful aging

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Never doubt that a small group of thoughtful, committed citizens can change the world;



Indeed, it's the only thing that ever has.

-Margaret Mead



Measuring Progress in North Hawaii

- How do we know we are making progress?
 - Guiding principles
- What Economic measures?
- What Educational measures ?



North Hawaii Outcomes Project



Our Philosophy of Change

- Listen to learn hopes & fears
- ✓ Clear common targets
- A few simple guiding principles
- Engage those who care
- ✓ Measure progress
- Celebrate progress

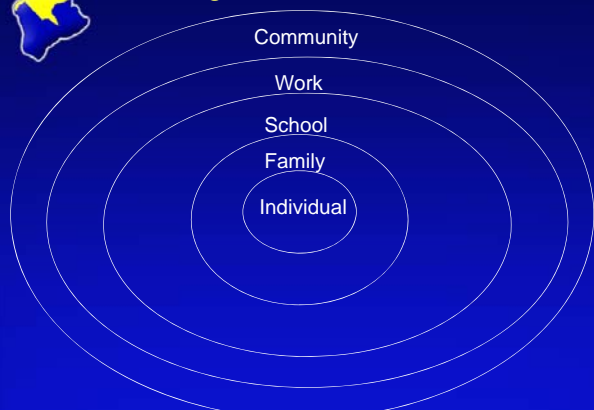


Our Guiding Principles

- Broad definition of health
- Shared responsibility
- Learn from others
 - Look to science to find what works
 - Listen to community wisdom
- Be inclusive
- Realistic assessment of where we are now



Ecological Model of Health



North Hawaii Expected Timeline

Community Capacity

Awareness
Collaboration

New Resources, \$\$

Partnerships, Programs, Practices, Policies

Improvement in priorities

Decreased costs


2-5
years

5-10
years

10-20
years

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Measuring Progress in North Hawaii

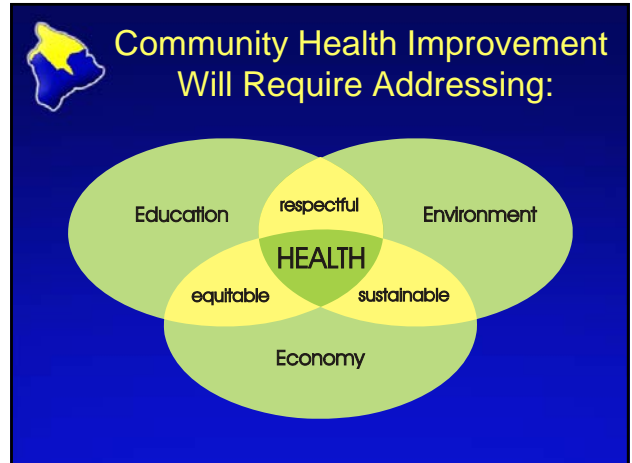
March 2000 - August 1, 2002

Community Capacity

<u>Meetings</u>	87
<u>Organizations</u>	62
<u>Attendees</u>	2,500


New Resources

<u>Policies</u>	1
<u>Programs</u>	20
<u>Money</u>	\$ 1,480,500
<u>In-kind donations</u>	




Community Health Improvement

- What **economic** measures should we improve to facilitate improving health?
- What **educational** measures should we improve to facilitate improving health?
- Other Measures?



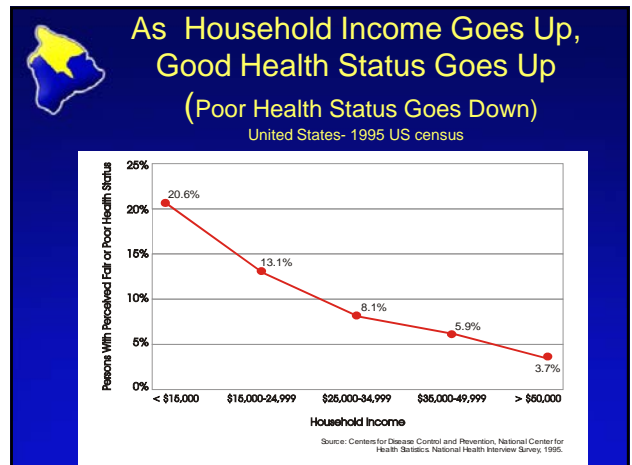
“Not all that counts can be counted and not all that is counted counts.”

Albert Einstein



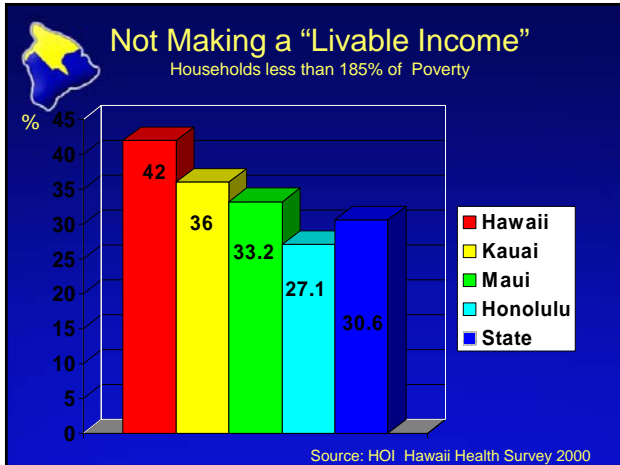
Economic Measures Which Do Not (alone) Predict Population Health Improvement

- Population Growth
- GDP
- # of new jobs
- # of new houses built
- Wall Street Indicators



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Wide Income Disparity is Associated with Poor Health

Economic Measures

Gap between haves & have nots
("Robin Hood Index")

Health Measures

- ✓ Higher overall mortality
- ✓ Stroke mortality
- ✓ Infant mortality

Source: Ichiro Kawachi, Ph.D. Income Inequality, Primary Care, and Health Indicators
Source: Business Week: The Unhealthy US income gap, Nov 10, 1997

Hawaii Island Profile Compared to Other Counties

Economic Measures

- H Population growth
- L Median household income
- H "Not Making a Livable income"
- 2 More than one job
- H Unemployed
- H 15-19 Not in School or work

Health Measures

- H Stroke mortality
- H Infant mortality
- H Low birth weight
- H Smokers
- H Adult binge alcohol
- H Motor vehicle deaths
- 2 Child abuse
- 2 Teen births

Source: Hawaii Outcomes Institute 2002 data 9/2000

"Trend is Not Destiny"

Curitiba, Brazil

Measurable improvements

- Health
- Relative income
- Education
- Public safety
- Community spirit
- Human welfare
- Democratic participation
- Political integrity
- Environmental protection

"By Implementing: Hundreds of multi purpose cheap, fast, simple, homegrown *people centered* initiatives harnessing market mechanisms, common sense, and local skills"

Source: "Natural Capitalism"

Link between High Income Disparity and Poor Health

This negative impact was **reduced**:

- ✓ In counties with a higher ratio of Primary care/population
- ✓ In communities with more "social cohesion"

Source: Ichiro Kawachi, Ph.D. Income Inequality, Primary Care, and Health Indicators

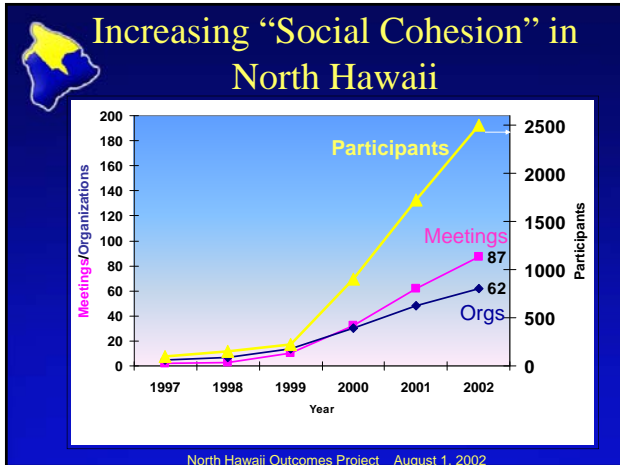
"Social Cohesion..."

"... refers to the social trust, connections and norms that enable individuals to collectively pursue shared objectives and solve problems."

Bill Rohe, Director of the center for Urban and Regional Studies U N Carolina Chapel Hill
Transforming Neighborhoods in to Family Supporting Environments
Annie Casey Foundation's March 1999 Research and Evaluation Conference

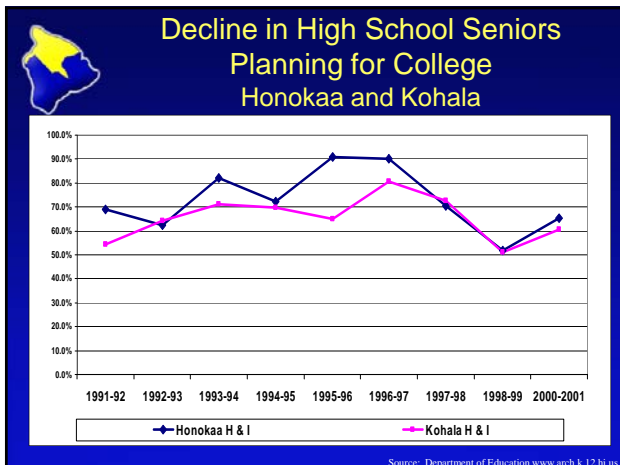
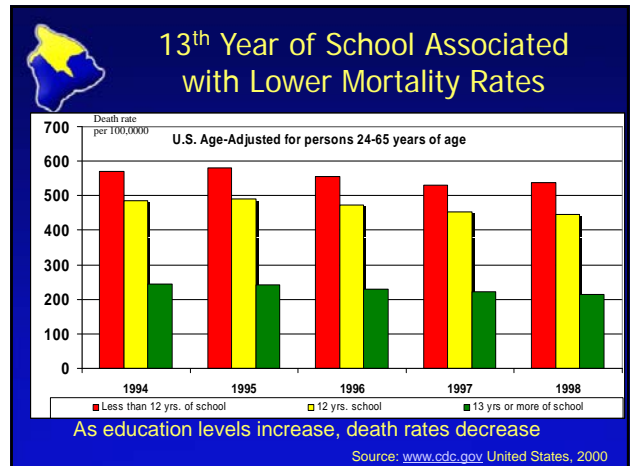
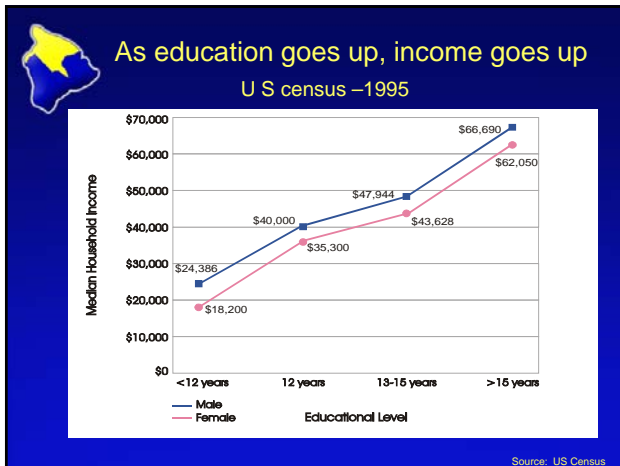
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Powerful Educational Predictor of Adult "Success"

"...effective reading skills by grade four were one of the most potent predictors of successful adult adaptation among the high risk children in our study."

Source: Werner, Emmy E., Ph.D. "The Children of Kauai Resiliency and Recovery in Adolescence and Adulthood." *Journal of Adolescent Health* 1992; 13:262-268

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World Economic Forum Silicon Valley Index 2001

Broadened Prosperity	"Education as bridge to opportunity"
<ul style="list-style-type: none">✓ Real per capita income✓ Income Distribution✓ New housing affordability	<ul style="list-style-type: none">✓ Third grade reading levels✓ High School graduation rate✓ Numbers meeting basic college requirements

Source: The Possible Human: Americas approach Global Leaders for Tomorrow Health Task Force, World Economic Forum



The Business case for Prevention Return on Investment

- High quality preschool education \$8
- Alcohol & Drug treatment \$7
- Comprehensive smoking cessation \$3
(Maine Blue Cross Blue Shield \$8)

Source The Social Wellbeing of Vermonters 2001



Education as a Bridge to Health

What *progress*?

What *strategies* ?



Aloha

North Hawaii Community Forum 2002

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