Data and Community Health Improvement in Sonoma County

National Committee on Vital and Health Statistics Subcommittees on Population Health and Privacy, Confidentiality and Security

Washington, DC

February 8, 2011

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Sonoma County Department of Health Services

Health Action

- ✓ Engage stakeholders in a community dialogue on health
- ✓ Build collective understanding of local health issues and solutions
- ✓ Create a shared vision of community health improvement based on determinants of health
- ✓ Develop and implement collaborative recommendations

Leading Causes of Death in Sonoma County

Age-adjusted death rates with Healthy People 2010 comparison, 2004-2006

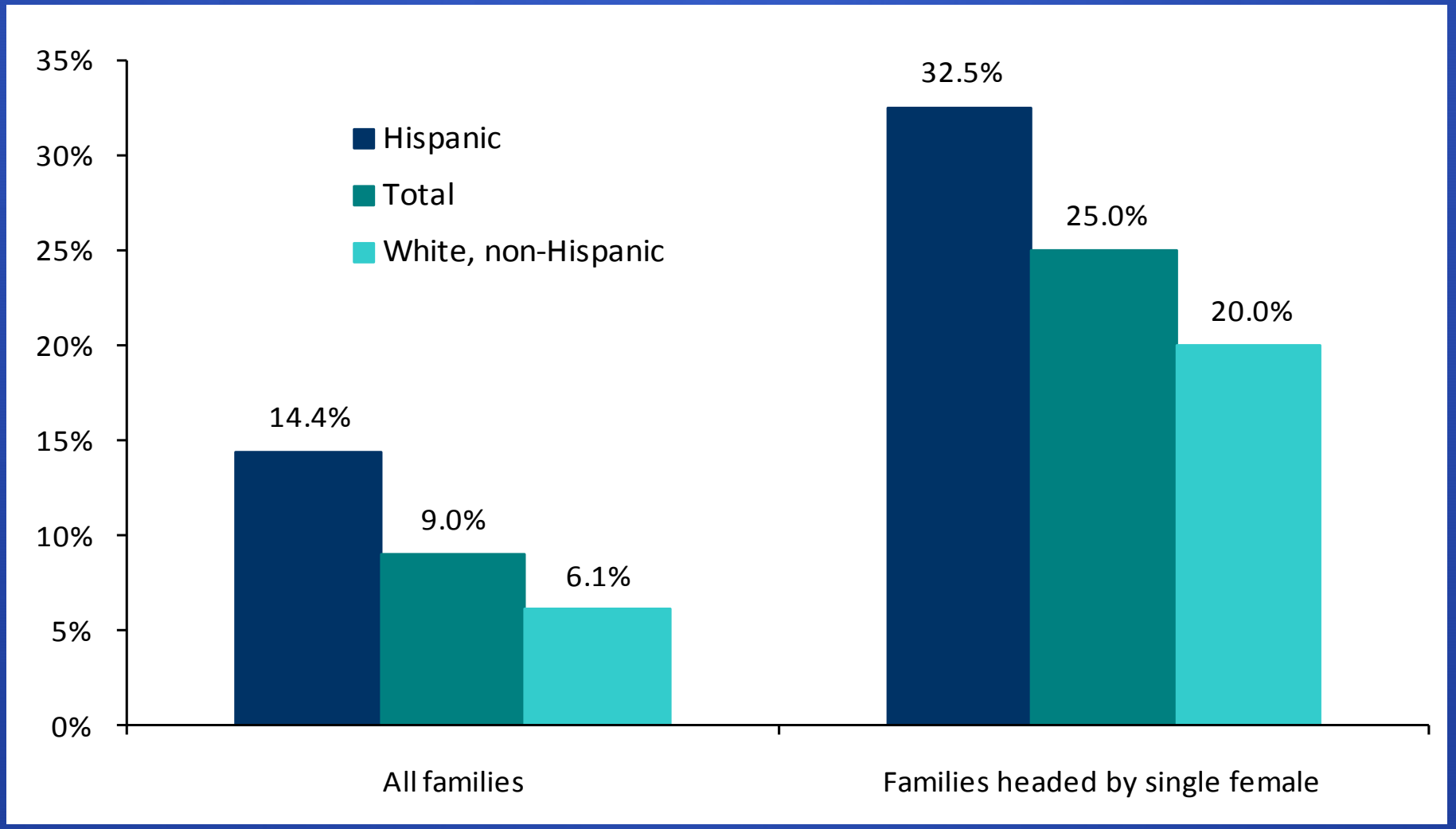
	Sonoma	California	HP 2010
All Cancers	179.2	161.3	158.6
Coronary Heart Disease	128.5	154	162
Stroke	60.6	47.8	50
Lung Cancer	45.9	40.2	43.3
Unintentional Injuries	33.8	30.2	17.1
Breast Cancer	21.4	22.1	21.3
Diabetes	18.4	22.1	NA
Motor Vehicle Collisions	11.7	11.9	8
Suicide	10.8	9	4.8
Drug-Induced	11.2	10.3	1.2
Firearm Injury	6.1	9.2	3.6
Homicide	2.2*	6.8	2.8

Source: CA Dept of Public Health, County Health Status Profiles, 2008

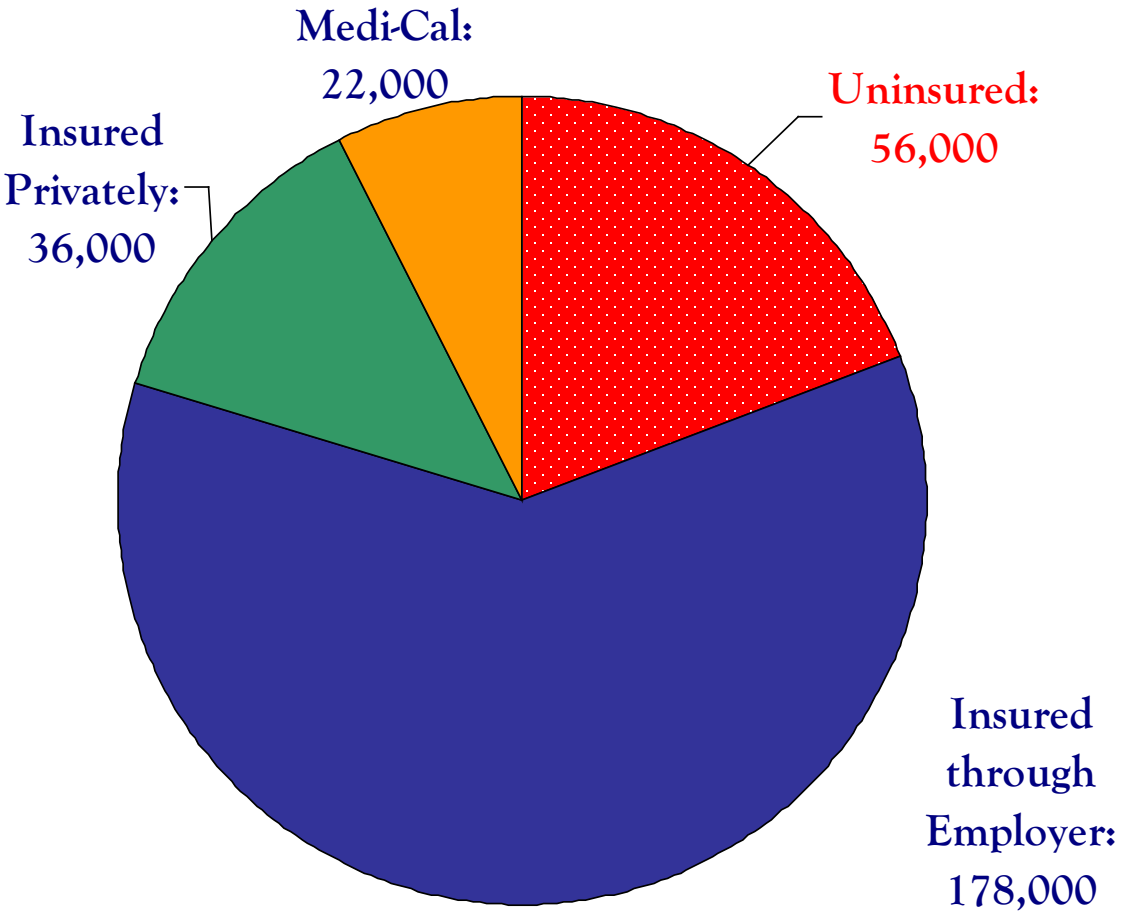
**Unreliable, relative standard error greater than or equal to 23 percent*

Sonoma County rates were significantly higher than CA for all cancers and stroke and significantly lower for coronary heart disease.

Percent families (with children < 18yrs) below federal poverty level, Sonoma County 2009

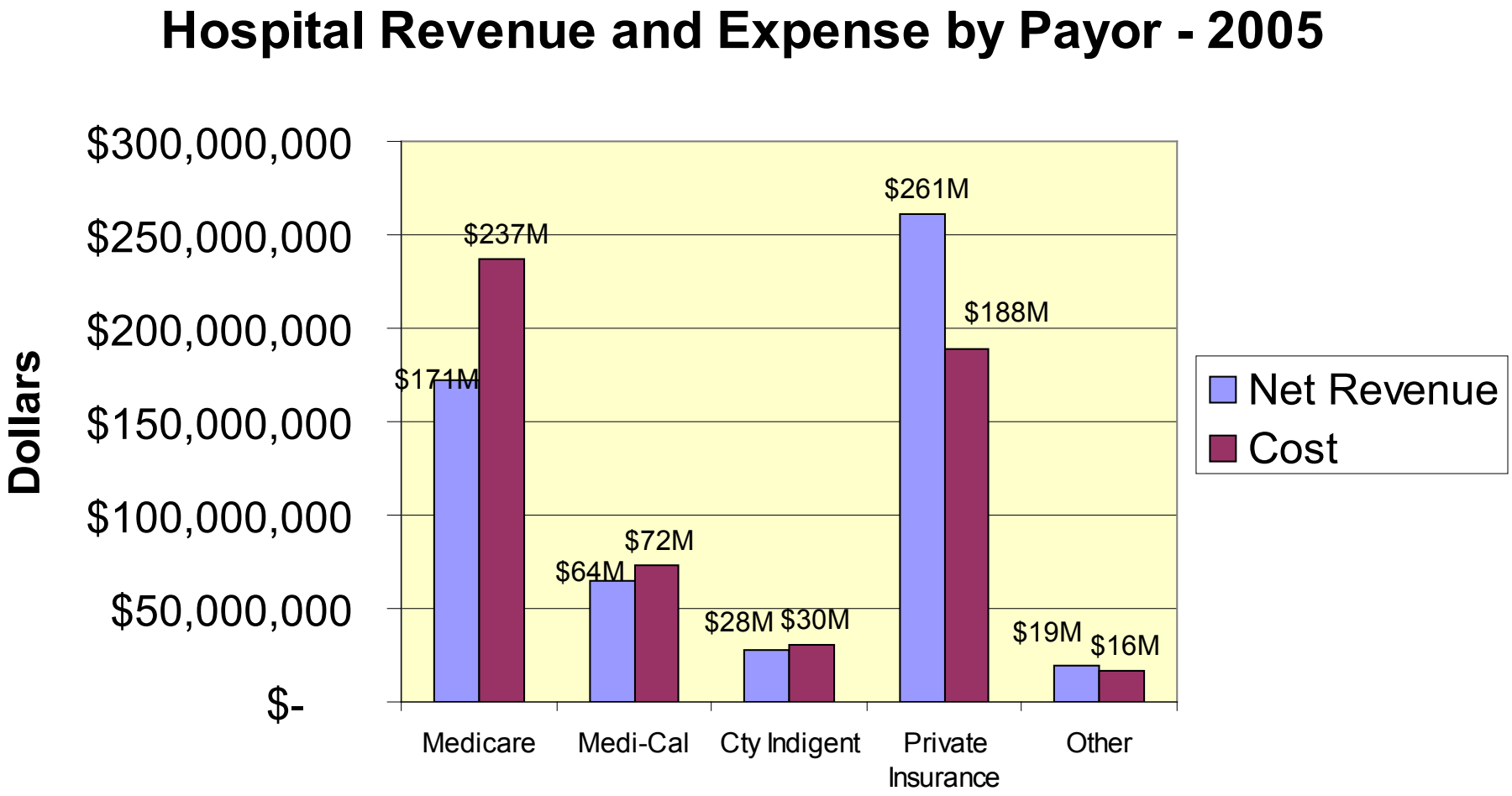


27% of Adults (ages 19 - 64) in Sonoma County Are Uninsured or Underinsured



Source: 2005 California Health Interview Survey

Sonoma County Hospital – Net Revenue & Expense by Payer



Source: OSHPD Hospital Financial Report 2005

2020 Vision – 10 Goals

- Sonoma County youth graduate from high school
- Sonoma County families have the economic resources to make ends meet
- Sonoma County residents are connected to their communities and participate in community life

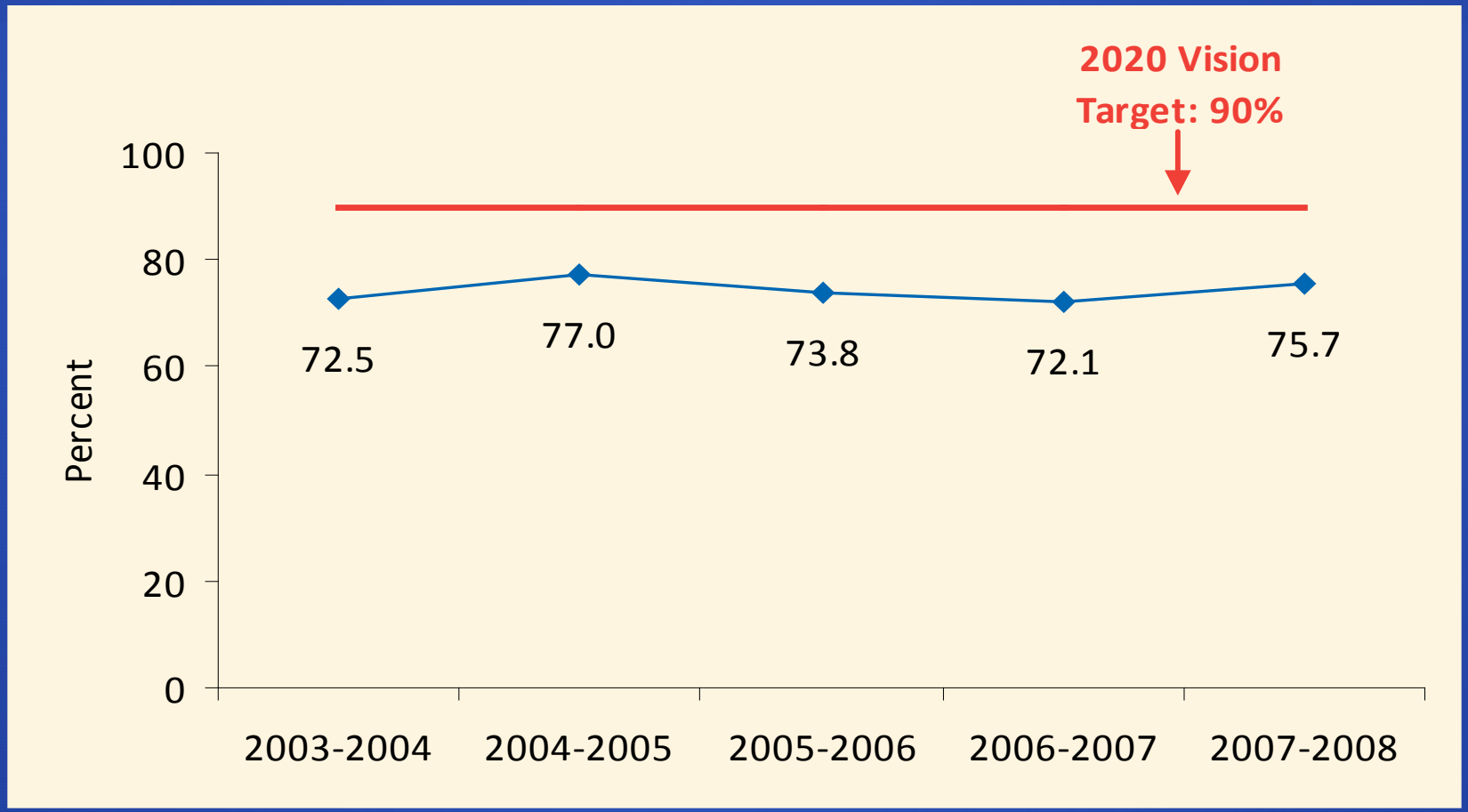
2020 Vision – 10 Goals

- Sonoma County residents eat healthy food
- Sonoma County residents are physically active
- Sonoma County residents do not abuse alcohol or prescription drugs and do not use tobacco or illicit drugs

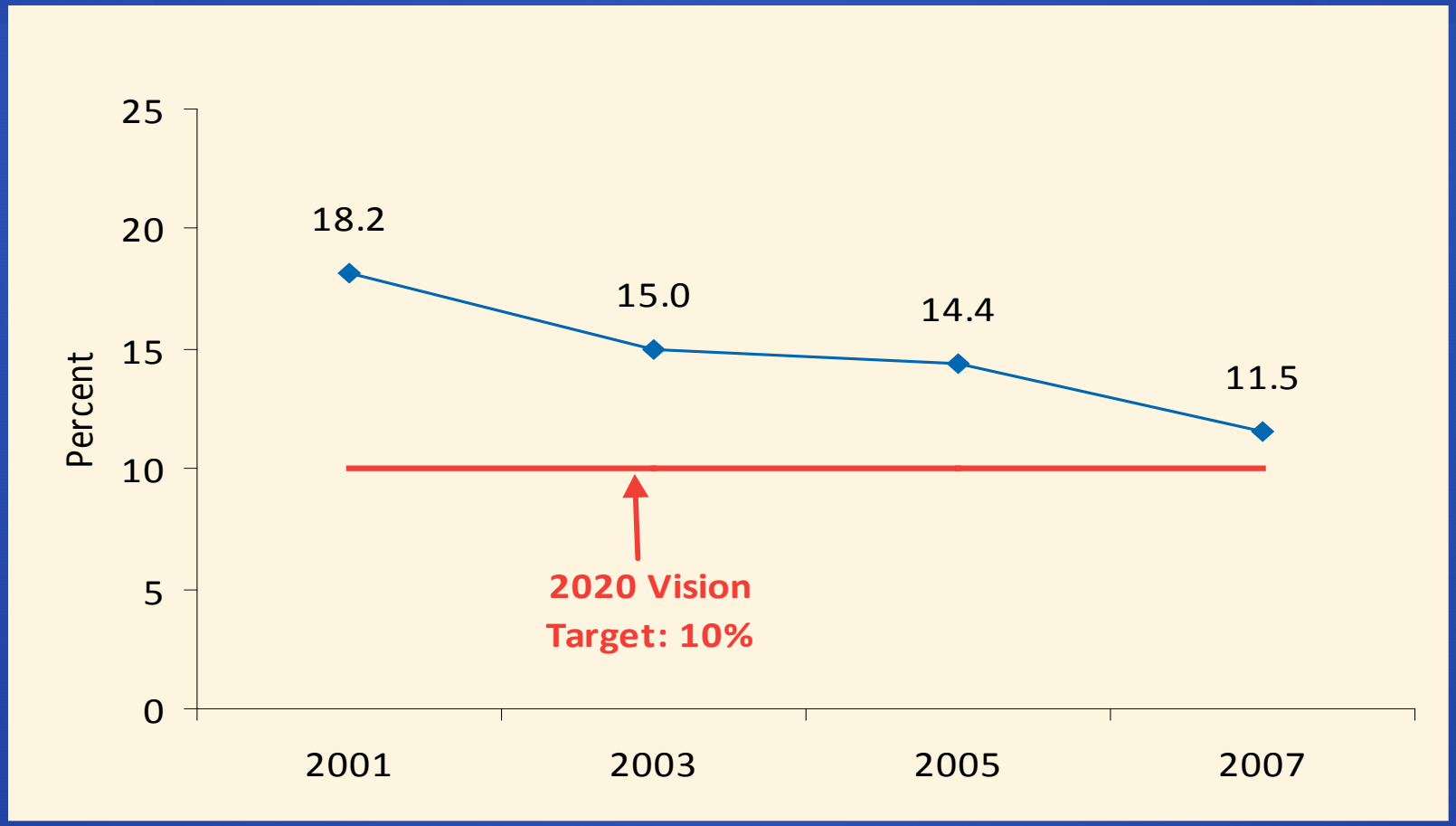
2020 Vision – 10 Goals

- Sonoma County residents enjoy good mental health
- Sonoma County residents take steps to prevent injury
- Sonoma County residents have health care coverage
- Sonoma County residents are connected with a trusted source of prevention-focused primary care

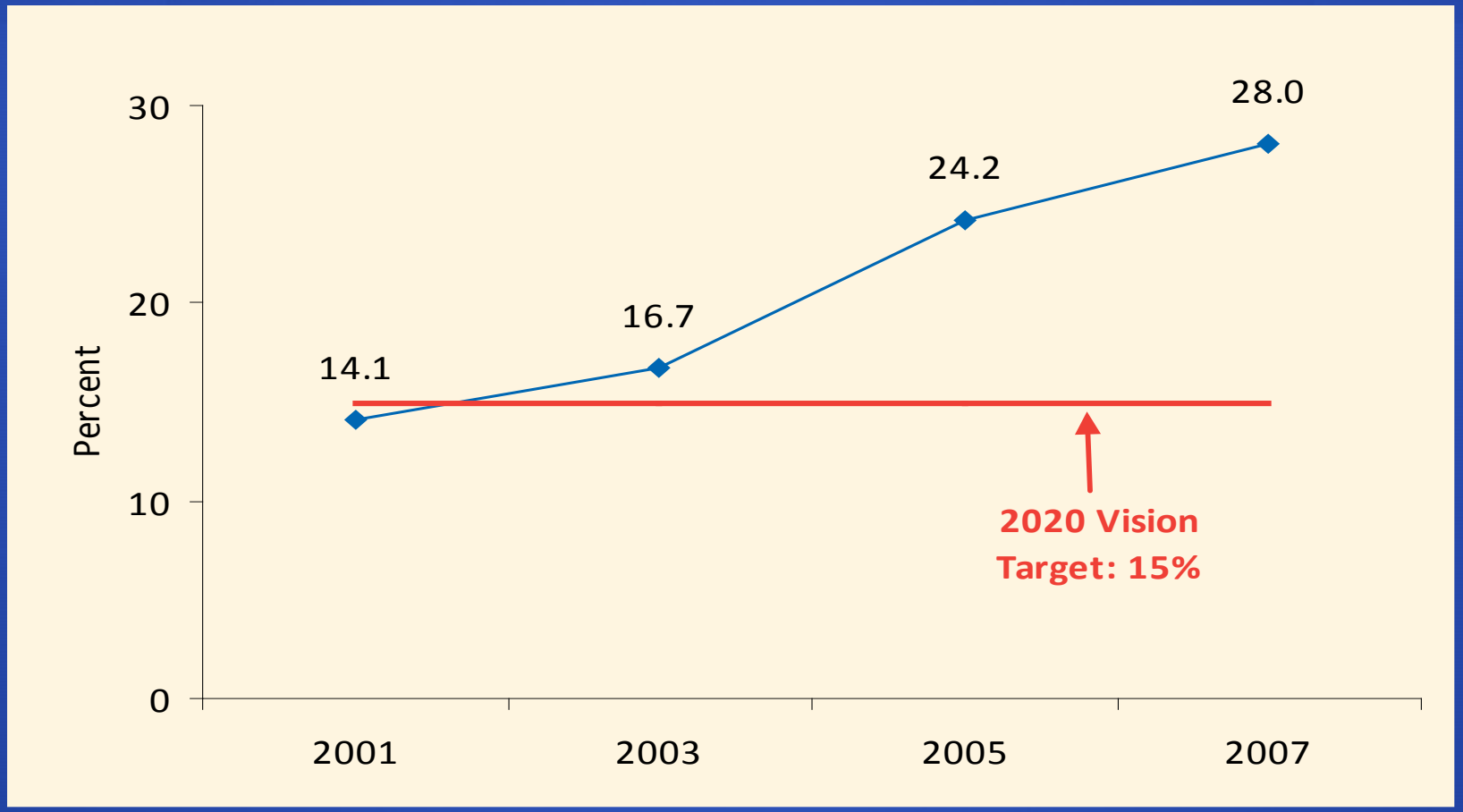
Percent of Sonoma County 9th graders who graduate from high school 4 years later, 2004-2008.



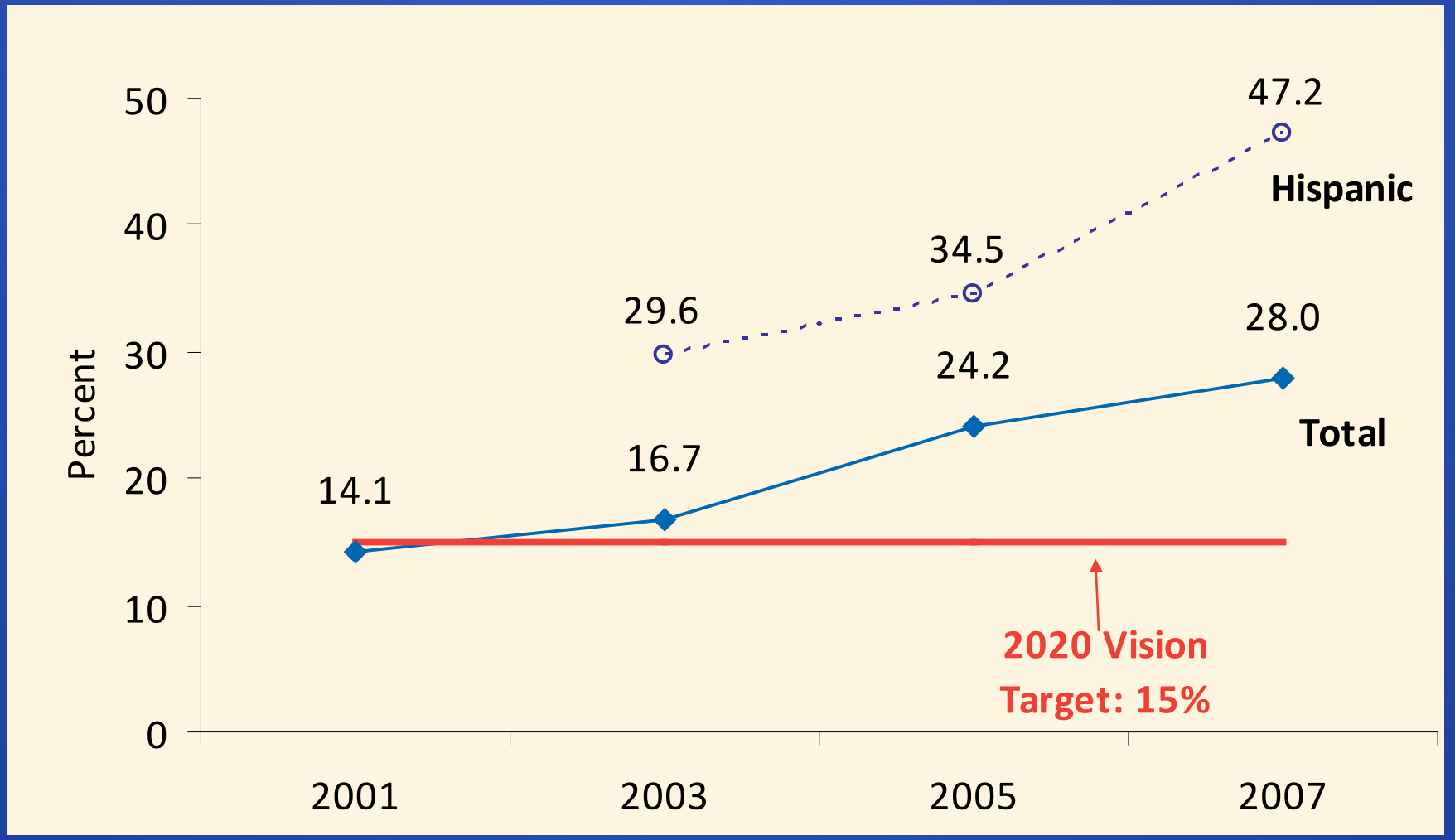
Percent of Sonoma County adults who report being current smokers, 2001-2007.



Percent of Sonoma County adults who report being obese, 2001-2007.



Percent of Sonoma County adults who report being obese, 2001-2007.



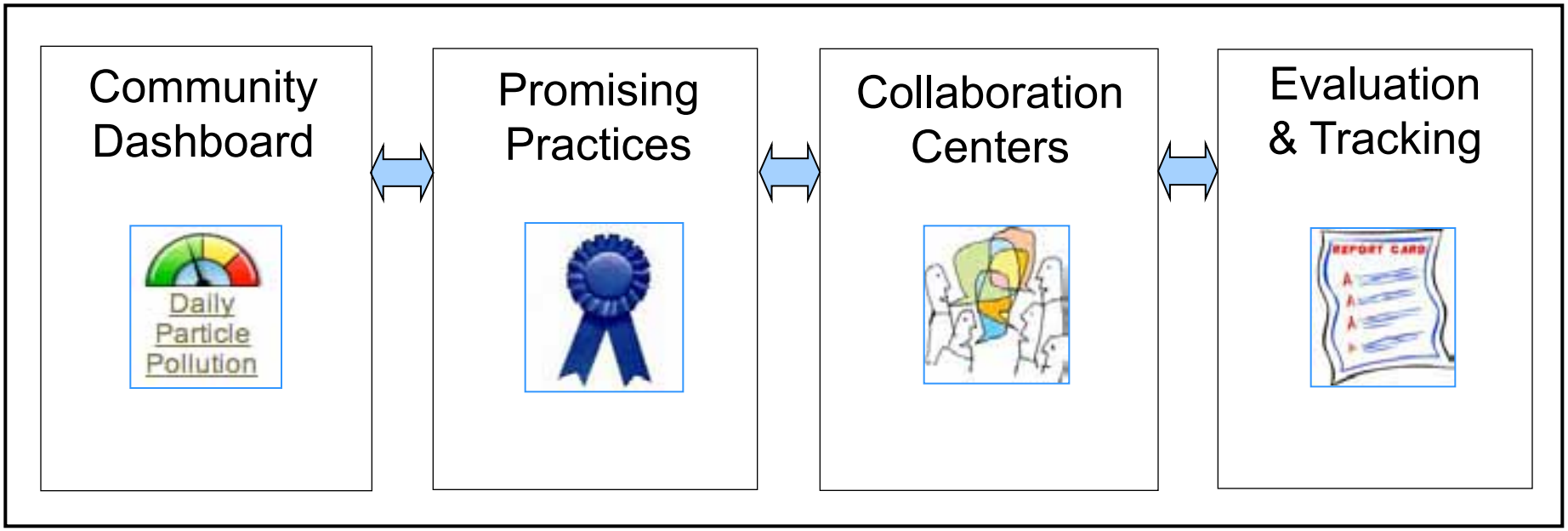
Priorities for Action

- Increase consumption of healthy food.
- Increase physical activity.
- Connect residents with trusted source of prevention-focused primary care (a "medical home").

Initial Health Action Projects

- Food System Alliance
- iGROW
- iWALK
- Countywide Safe Routes to School
- Patient-Centered Medical Home Learning Collaborative
- Healthy Students Initiative
- Worksite Wellness Initiative

Healthy Communities Network
Customizable Web-Based Information System



Based On Change Theory

HEALTHY COMMUNITIES INSTITUTE

HCI CHNA System: Capabilities And Benefits

Community Dashboard

- 100-150 indicators
- Color coded
- Constantly updated

A "Living" Community Needs Assessment, understand what is working and not working in the community/state, move from data gathering to informed action

- Strategic planning
- HC Reform, IRS 990 Requirements (Schedule H, sections II and VI), SB 697, HC Reform
- PHAB assessments
- MAPP programs
- Link to GIS and data warehouse systems

Promising Practices

- 1400+ in database
- Programs and policies
- Evaluation based

Promotes public health and community development best practice sharing

Collaboration Centers

- Form working groups
- Set local goals
- Manage achievement of objectives

Brings stakeholders together, develop local goals, drive community engagement, facilitate communication to form and manage working groups

Evaluation & Tracking

- HP 2020 tracker
- Local priorities tracker
- Comparative and longitudinal evaluation

Track progress to goals:

- HP 2010/2020 goals
- Locally defined goals

HEALTHY COMMUNITIES INSTITUTE

Healthy SONOMA

View this site in Spanish/Español or other language

Powered by The Healthy Communities Network

Search

Advanced Search

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- Community Snapshot
- Report Center
- Demographics
- HP 2010 Tracker
- Sonoma 2020 Tracker
- Topic Centers
- Promising Practices
- Event Calendar
- Local Resources
- Report Assistant
- Related Links
- Contribute Content
- Health Action
- United Way
- Kaiser Permanente
- St. Joseph
- Sutter Medical

SPONSORS

COMMUNITY SNAPSHOT

Obese Adults | Adult Fruit and Vegetable Consumption | Child Fruit and Vegetable Consumption | Chlamydia Incidence Rate | Households with 1+ Vehicle | Hospital Admissions: Alcohol Abuse

View the Legend | See all indicators

IN THE NEWS

Local Feature Story

Healthy Food Choices, Comidas Saludables

How easy is it to find healthy food and snacks at markets and stores in your community? What about restaurants? Is it easy to find a restaurant that serves healthy meals for you and your family? If you live in south Santa Rosa...

¿Que tan fácil es encontrar comidas y bocadillos saludables en los mercados y tiendas de su comunidad? Cuando va a los restaurantes ¿se le facilita encontrar un restaurante que sirva comidas saludables para usted y su familia? Si usted vive en el sur de Santa Rosa.....

Read the full story

Sonoma County News

About This Site

Healthy Sonoma is a one stop source of non-biased data and information about community health in Sonoma County, and healthy communities in general. It is intended to help planners, policy makers, and community members learn about issues, identify improvements, and collaborate for positive change.

Get started on Healthy Sonoma!

- Compare Sonoma's health with other California communities, the nation, and Health Action targets with more than 100 indicators
- Learn about promising practices on a variety of topics that affect community health
- Find health and wellness events and classes
- Take action by getting involved, volunteering, and working together

Featured Content

Hunger in Sonoma County

Redwood Food Bank Website

2010 Report on Hunger

Air Quality Index

Santa Rosa

Current Conditions

Good

Pollutant: Ozone

Observed at: 11/08/10 11:00 PST

Air quality indicator

Detailed conditions

Provided by AIRNow

Community Poll

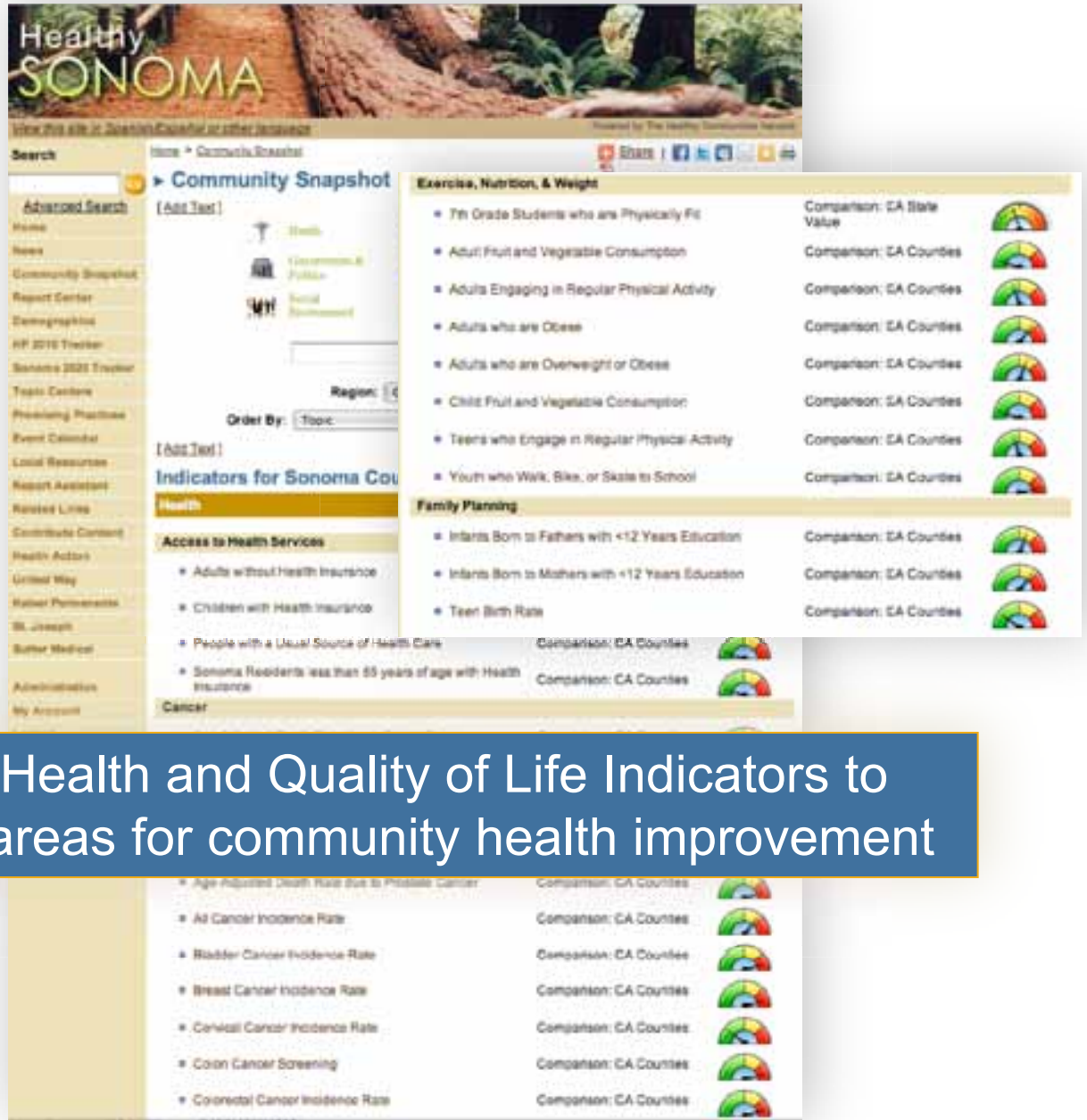
What is your biggest community concern?

- air quality
- healthcare access
- employment
- crime
- transportation

Vote

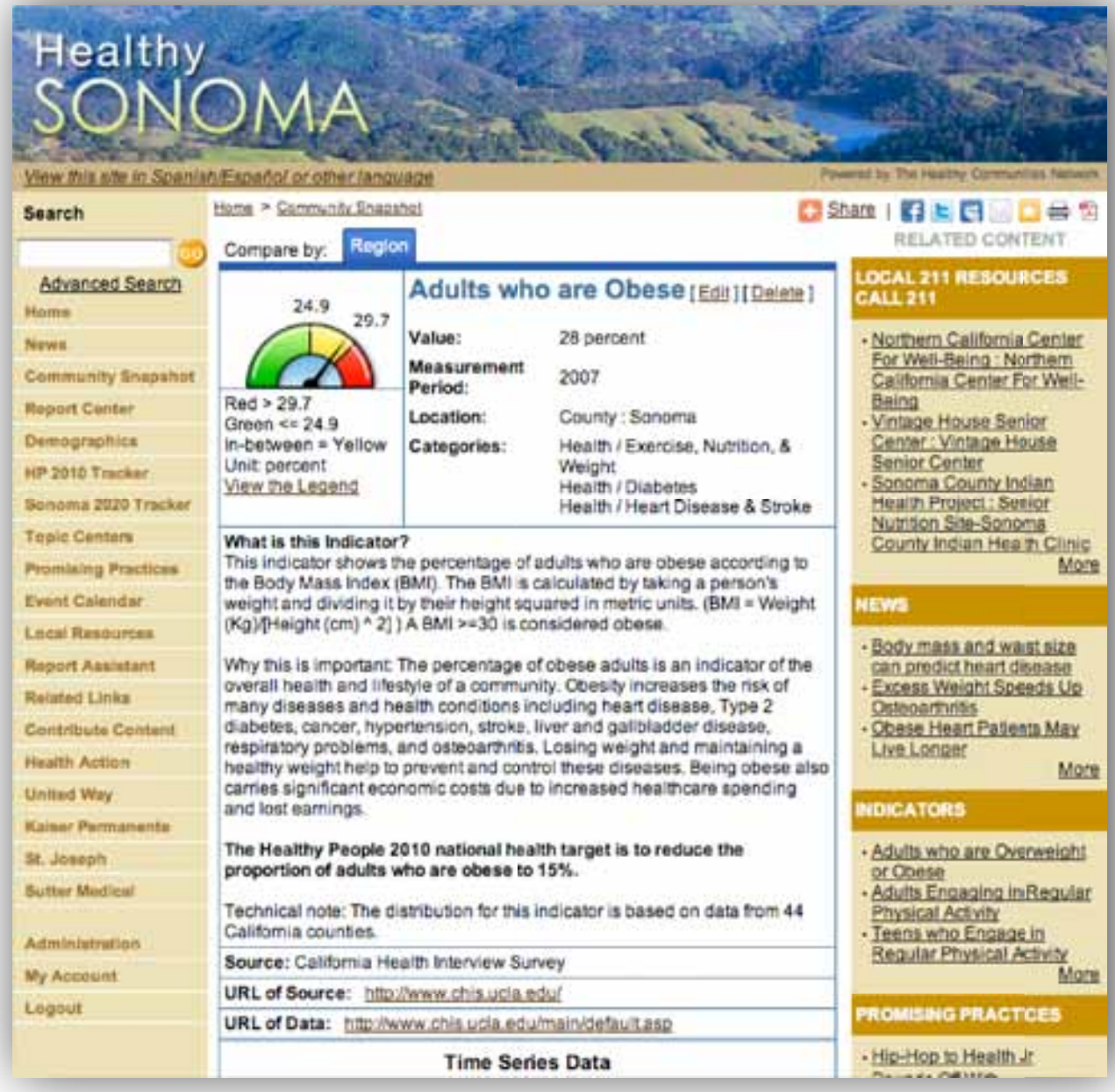
View Results

Dashboard of Indicators

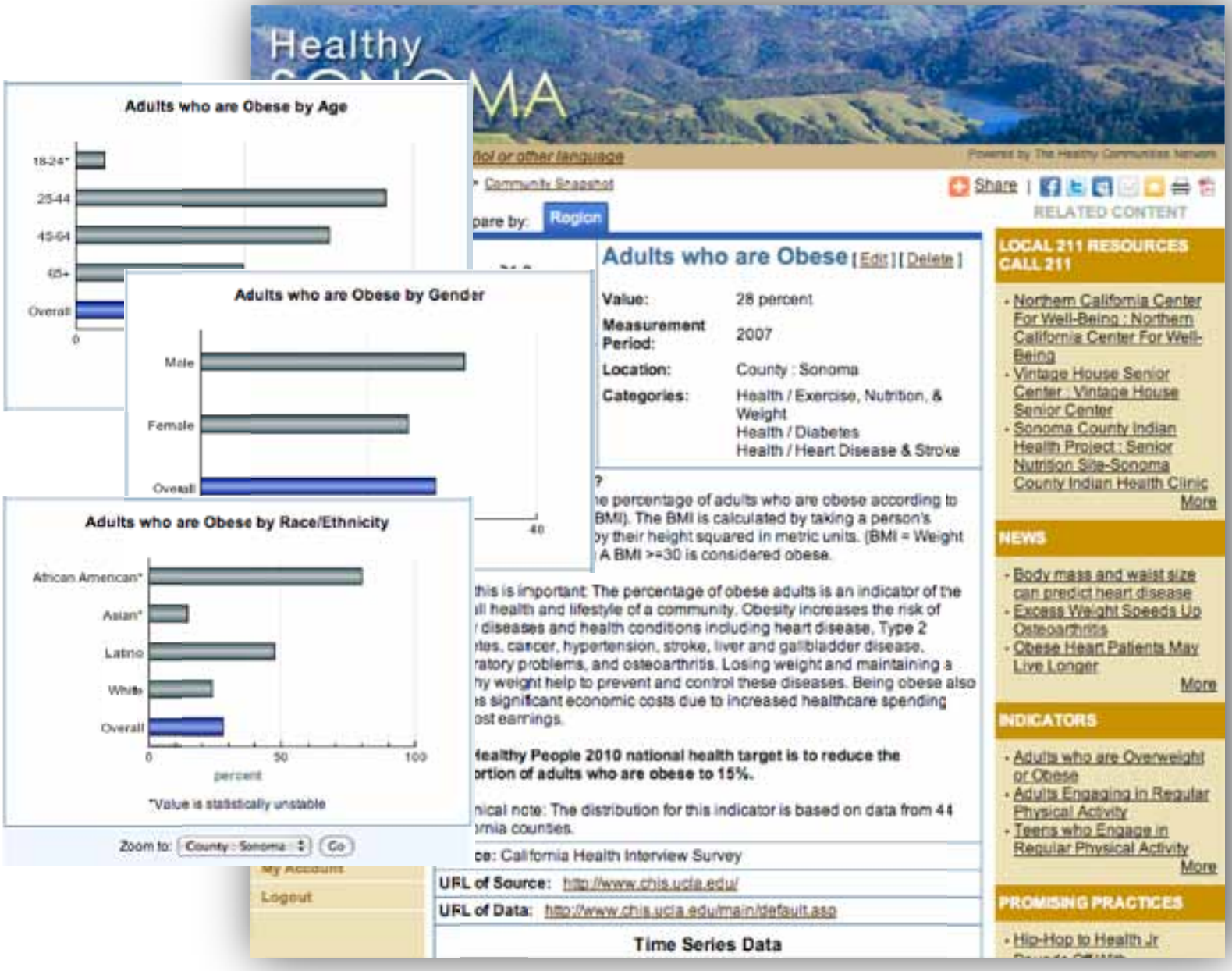


100+ Health and Quality of Life Indicators to identify areas for community health improvement

Obesity Indicator



Obesity Indicator Breakout Tables



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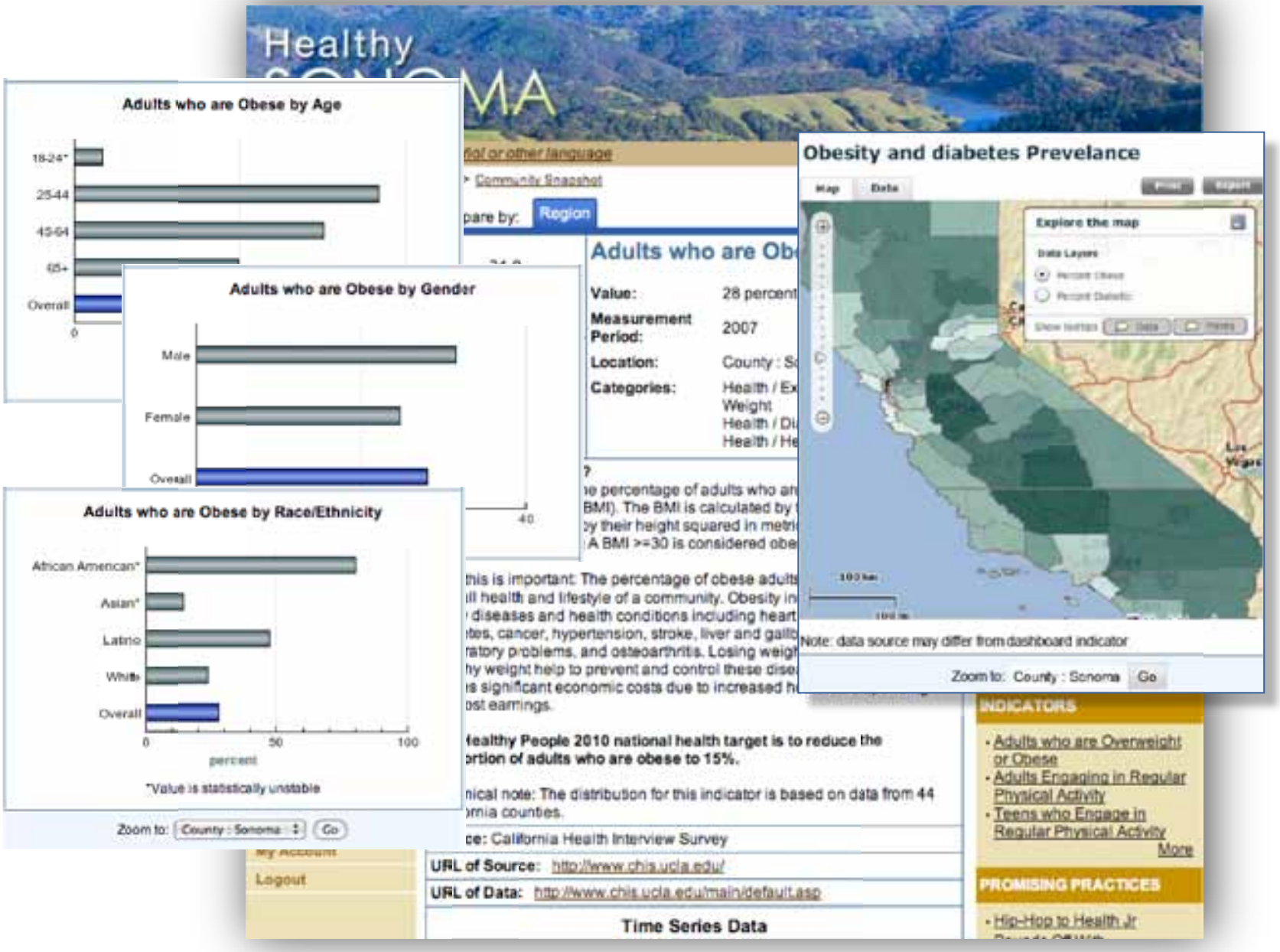

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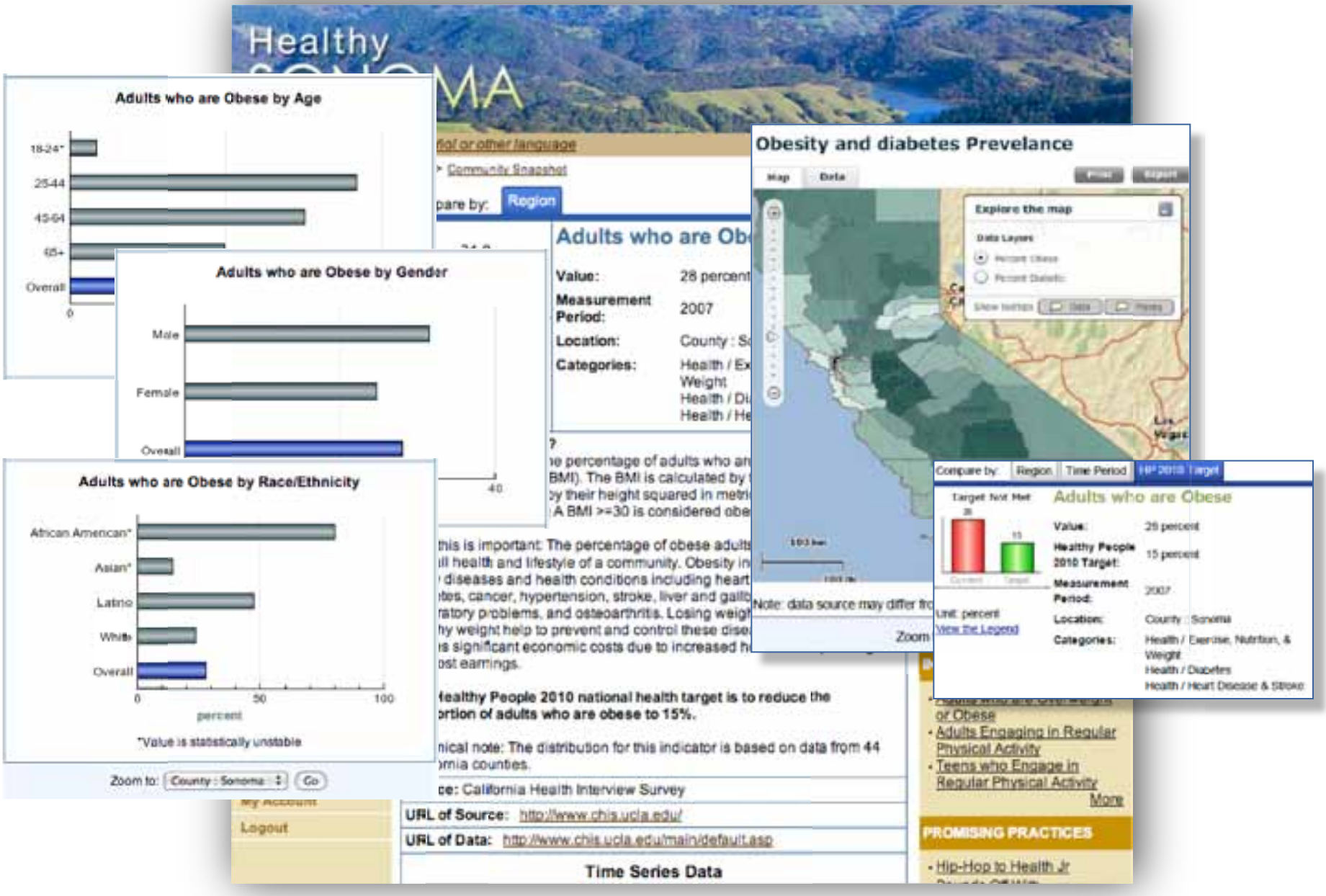


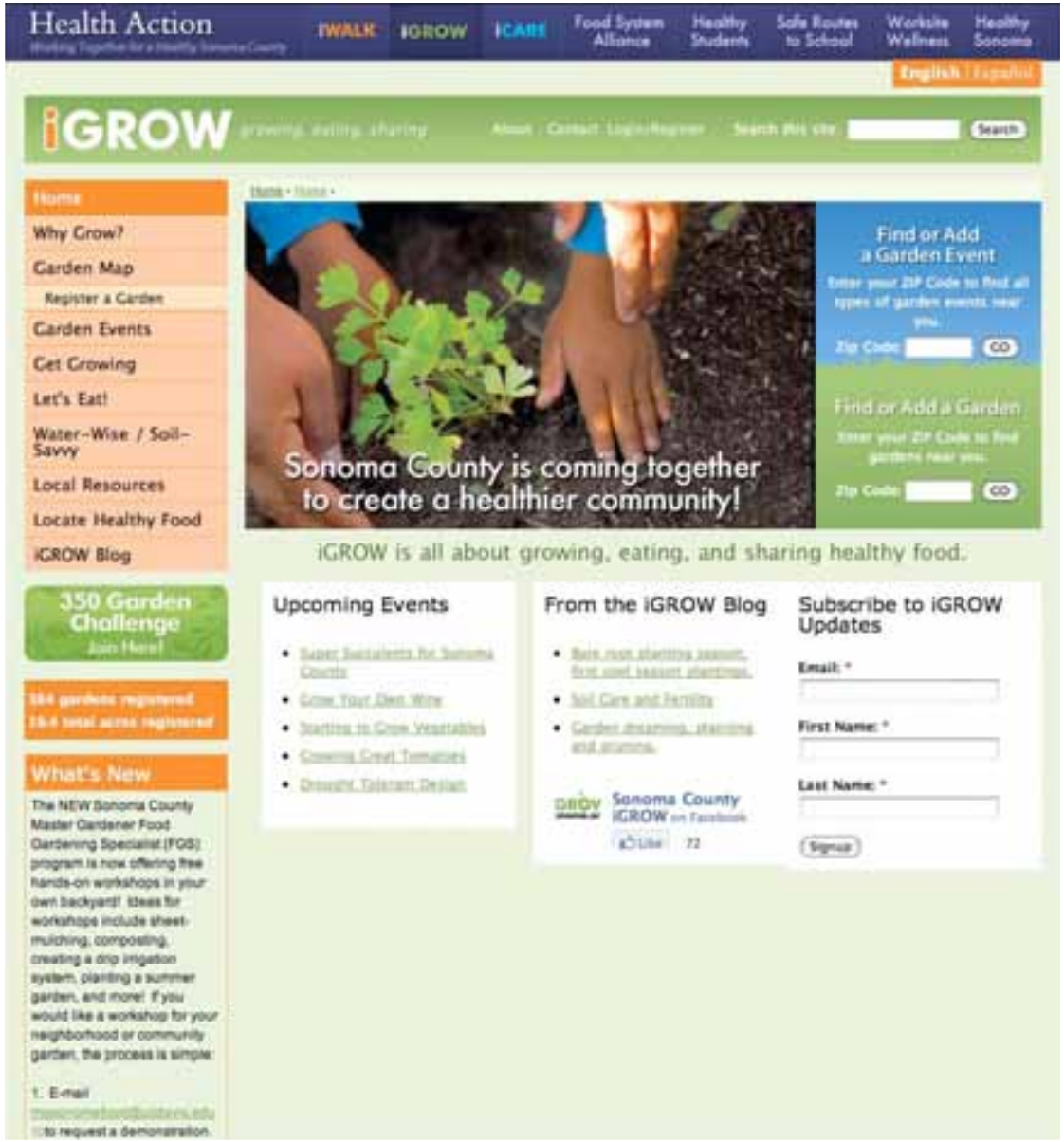
A Promising Practice for Obesity

Healthy People 2020 Tracker

Health Action Tracker

Health Action

Health Action - iGROW



Health Action - iWALK

Who provides it? - NOCHC is offered via a partnership:

- NACo – The National Association of Counties provides centralized tools and information for counties nationally. NACo is partnered with NACCHO on the Network of Care for Healthy Communities.
- Trilogy Integrated Resources – Trilogy is the service provider for NACo via a nationally competitive bid. Is the largest network of government sponsored local sites within health human / social services in the county. For the Network of Care for Healthy Communities, Trilogy partners with the Healthy Communities Institute.
- Healthy Communities Institute – Provides Dashboards and Best Practices for community stakeholders, covering over 15 million lives in the U.S.

Tools and Content

For Individuals and Families

- Service Directory
- Library
- Links
- Legislate
- Personal Health Records
- News
- Social Networking
- Getting Healthy – Health and wellness education center

For Community Stakeholders

- Health and Quality of Life Dashboards
- Promising Practices
- HP 2010 Tracker
- Community Health Guides
- County Health Rankings
- Ties to GIS maps
- Report Writer for Grant Writing and Regular Reporting

GETTING HEALTHY

Adding Fitness

Healthy Weight

Smoke Free

Diabetes

Tracker

Obese Adults

ER: Bacterial Pneumonia

Hospital Admissions: Congestive Heart Failure

Mental Health Care

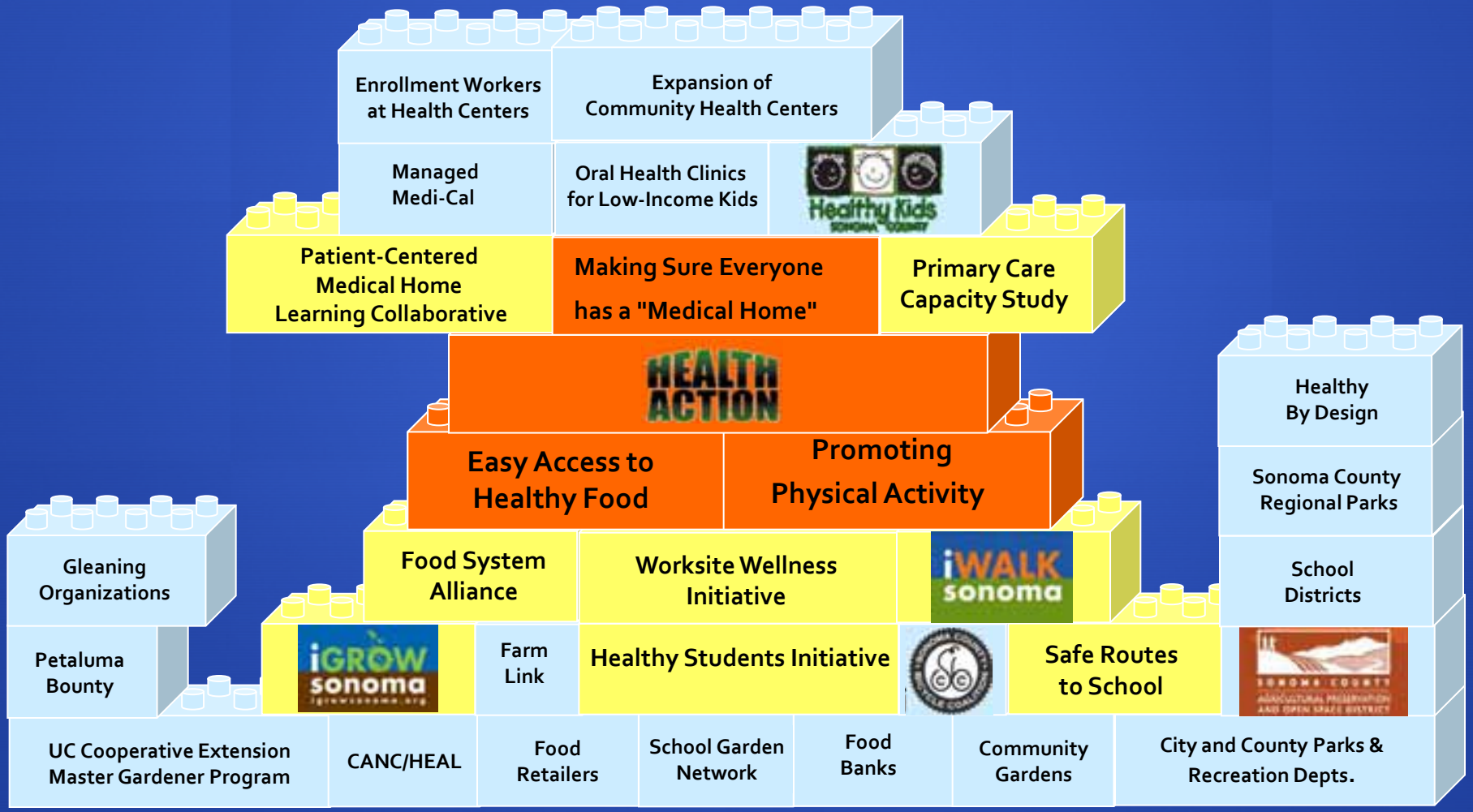
Community Health Principle Factors

The health of a community results from a combination of:

- The work of policy makers and stakeholders which create the overall “top down” policy environment in which we live, and
- The opportunities for knowledge and empowerment of individuals who make “bottom up” personal health decisions in the community.

Individuals involved in both of these areas require good information to make good decisions.

Health Action 2020 Vision:
Framework for Community Health



iGROW
sonoma
igrowsonoma.org

What do LHDs need in the way of data to accomplish our community health goals?

- Make health data more accessible to LHDs and communities through platforms such as Healthy Sonoma and Network of Care for Healthy Communities

What do LHDs need in the way of data to accomplish our community health goals?

- Technical and financial support to take advantage of the tremendous opportunity of the inclusion of public health in Electronic Health Record Meaningful Use criteria
  - To plan and develop LHD capacity for health information exchange between medical providers and local public health
  - To access critical current local population health data

Communities need access to local data to assess, plan, communicate, motivate, track, align and sustain efforts to improve community health

HEALTH ACTION

A 2020 VISION FOR SONOMA COUNTY

www.sonomahealthaction.org