



Sonoma County

Healthy Communities



Team Trilogy's Narrative

The Network of Care for Healthy Communities is a local, Web-based, health information system, available for any community in the U.S. The Network of Care exemplifies how a local delivery platform can aggregate and present information for citizens and stakeholders to improve community health. This system shows how a wide array of data from the Community Health Data Initiative can be used to create innovative, localized applications for family decision-makers; persons looking for information for others, caseworkers, or community stakeholders. The site provides data on roughly 150 Community Health indicators, all presented visually to help gain an understanding of the health of the community in more detail. Additionally, users are presented with “actionable content” to help them take informed steps to improve community health. The Healthy People 2020 Tracker combines the science and extensive work of the U.S. Department of Health and Human Services to identify key metrics of health in communities. It also allows users to see a “living report card” of how their community compares to these thoughtful benchmarks and provides tools to help attain these goals. The Network of Care makes health information easily available to those who need it most.



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- The Network of Care for Healthy Communities provides policy makers, community health stakeholders, and the general public with an easy-to-use local Web portal that aggregates population health statistics in a way that can immediately be viewed, understood and related to specific solutions. The tool provides planners, policy makers, key community stakeholders and interested citizens with information needed to address health concerns and disparities in their community.
- Accessible on any Web browser, the Community Health indicators are specifically designed with a very friendly user interface. Anybody, at any skill level, can easily access and use any part of the site. Simple, colorful dashboard indicators; clean and easy cross-referencing; simple layouts; more than 60 language translations; Library articles written to the sixth-grade reading level, and easy-to-use, interactive assessment tools make for a remarkably user-friendly Web site.
- This project is the first of its kind at this scale and depth. It is the first concentrated translation of National Data Warehouse material into a decision-support tool for local residents and policy makers. The Network of Care is designed to improve public health policy, while keeping the information easily accessible to the public.
- Through a combination of recent advances in data-gathering and remarkable breakthroughs in communication technology – via the Internet, our own company’s health experts and our Engineering team – we’ve been able to create this amazing tool. Information that once was difficult to find or analyze is now organized, customized at the local level, and brought to the user with a touch of a finger. Compiled from dozens of sources as well as the Community Health Data Initiative, the Community Dashboard lets anyone quickly understand the health and well-being of their community.
- Integrating more than 60 different data sources, the Community Health Indicators were developed as a template that can easily be replicated, then customized for any local or state jurisdiction in the nation. The replication process has been reduced to a fraction of the original development cost and can be done quickly and effectively to meet budgets and time constraints of local communities.
- We built our application using ASP.NET, C#, SQL Server, CSS, and JavaScript. We use HWI's RESTful Web service to obtain health indicator data by location. Using CSS and JavaScript, we are able to combine the data with our existing indicator data and health information, allowing us to deliver a user-friendly, easy-to-understand product.



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Historical

2007-2009: 26.2

HISTORICAL DATA				
	2007	2005-2007	2003-2007	2001-2007
(Age-adjusted);	26.9	22.8	21.8	23.8
Total; Female	21.3/32.9	19.6/26	19.3/24.2	21.6/25.9
(Age-adjusted);	28.1	23.5	22.6	24.6
Total; Female; White	21.8/34.4	20.1/26.8	20/25.1	22.4/26.9
(Age-adjusted);	27.1	23.5	22.5	24.6
Total; Female; Not Hispanic or Latino	20.9/33.3	20.1/26.9	19.9/25.1	22.3/26.9
(Age-adjusted);	28.3	24.3	23.5	25.6
Total; Female; White, non-Hispanic	21.7/34.9	20.8/27.9	20.8/26.2	23.1/28

source: California Department of Public Health

<http://www.cdph.ca.gov/programs/ohir/Pages/CHSPCountySheets.aspx>

- Under Historical Data, users can quickly access past statistics of medical conditions in their county or state.
- All of the interventions, assembled by the Centers for Disease Control and Prevention, are available for each specific indicator. They are presented in a way that enables users to immediately find specific recommended strategies. The indicators also have a wide variety of other valuable information especially related to knowledge, prevention and early intervention. We also include all model practices from NACCHO tied to each indicator.

Historical

2007-2009: 26.2

INTERVENTIONS
<p>Cancer Prevention & Control, Client-oriented Screening Interventions: Client Reminders</p> <p>Reminders include letters, postcards, or phone calls to alert clients that it is time for their cancer screening.</p>
<p>Cancer Prevention & Control, Client-oriented Screening Interventions: One-on-One Education</p> <p>One-on-one education is provided in person or by telephone to encourage individuals to be screened for cancer.</p>
<p>Cancer Prevention & Control, Client-oriented Screening Interventions: Reducing Out-of-pocket Costs</p> <p>Some interventions seek to increase cancer screening by reducing out-of-pocket costs.</p>
<p>Cancer Prevention & Control, Client-oriented Screening Interventions: Reducing Structural Barriers</p> <p>Many barriers can make it difficult for people to seek screening for cancer.</p>
<p>The Community Guide - Cancer Screening - Small Media</p> <p>Small media include videos and printed materials such as letters, brochures, and newsletters.</p>



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Community Health Indicators

For each indicator, the system provides detailed information including the specific values; links to the source data; trend data; breakouts by ethnicity, gender or other factors, and comparisons to national targets such as Healthy People 2020 goals. Users can click to find key Related Content, such as a library full of articles, other indicators and model programs. Support groups, blogs, medication information and nationwide news on the topic are also linked to each indicator.

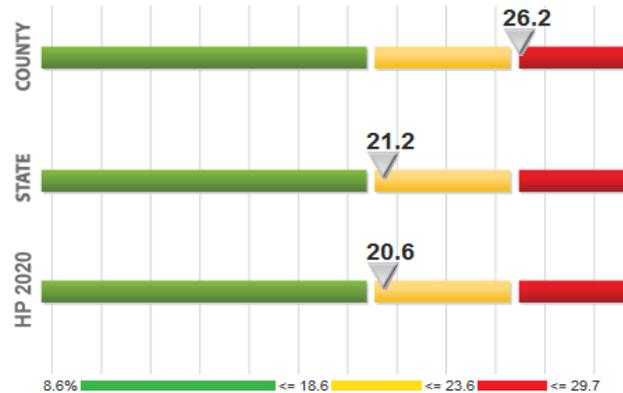
Sonoma - Age-Adjusted Death Rate Due To Breast Cancer

This indicator shows the age-adjusted death rate per 100,000 females due to breast cancer. Breast cancer is the most common type of cancer among women in the U.S. other than skin cancer. Breast cancer forms in tissues of the breast, usually the ducts (tubes that carry milk to the nipple) and lobules (glands that make milk). In the United States in 2009, it is estimated that there will be 192,370 new cases and 40,170 deaths from breast cancer.

Measurement Period: 2007-2009

Value: 26.2

HP 2020 Target: The Healthy People 2020 national health target is to reduce the breast cancer death rate to 20.6 deaths per 100,000 females.



Area: Sonoma

Measurement Period: 2009

Value: 19.2



RELATED INDICATORS (13)

MODEL PRACTICES (21)

Related Content

LIBRARY (29)

DECISION POINTS (4)

TAKE ACTION (1)

TESTS, SURGERIES, AND TREATMENTS (4)

MEDICATIONS (7)

SUPPORT GROUPS (1)

BLOGS (20)

NEWS (15)



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Key Features of the Network of Care for Healthy Communities

- Community Health Indicators
- Related Indicators
- Model Practices and Interventions
- HP 2020 Goals
- County Health Rankings
- Ties to GIS maps
- CDC Model Interventions
- Historical Data from Data Warehouse
- Library
- Links
- Legislate
- Personal Health Records
- News
- Social Networking
- Getting Healthy – health and wellness education center

