



The Network of Care was established via a grant from the State of California in 2001. Its mission is to integrate information on behalf of states and counties to better engage local communities in their own health and well-being.

The Network of Care is currently active in more than 30 states and more than 700 counties, serving all agencies within health, human and social-services departments.

More than 200 Network of Care for Public Health websites have been deployed since 2008. Other products focus on Aging and Disabilities; Behavioral Health; Veterans, Service Members and Their Families; Developmental Disabilities; Domestic Violence; Prisoner Reentry; Children and Families, and Foster Care.

Healthcare-data warehousing presented unique challenges before the introduction of the Health Indicator Warehouse.



- The industry remains rife with often incompatible medical standards and coding schemes that require careful translation.
- Healthcare data comes from many sources and is delivered in many forms, including PDFs, individual spreadsheets and data formats.
- Results derived from healthcare data must be delivered in accessible form to diverse stakeholders, including healthcare regulators; physicians; hospital administrators; consumers; community activists, and others.
- **The industry's widely decentralized and largely autonomous data-collection efforts make maintaining data quality a significant challenge.**
- Costs associated with overcoming these challenges often exceeded the local authorities' resources, resulting in few clients the first three years after the Network of Care for Public Health Assessment and Wellness was introduced.



Before Health Indicator Warehouse

- Data collection from more than 50 sources
- Data cleansing
- Data uniformity
- Data indexing and categorization
- Meta data and tags
- Set relation with third-party content
- Prepare and deploy presentation layers
- Annual updates may or may not be available or are available in a different format or delivery system
- **Initial cost to a county with a population of 250,000 was \$60,000.**

National Data Sources



National data source	
American Community Survey	Linked Birth/Infant Death Data Set
American Lung Association	Local Area Unemployment Statistics
Area Health Resource File	Medicare Administrative Data
Behavioral Risk Factor Surveillance System	Medicare Hospital Compare
Bridged-Race Population Estimates for Census 2000 and 2010	National Cancer Institute
Centers for Disease Control and Prevention	National Vital Statistics System-Natality
Centers for Disease Control and Prevention (CDC) NCHHSTP Atlas	Public Health Air Surveillance Evaluation Project Team
Chronic Condition Data Warehouse	Small Area Health Insurance Estimates
Common Core of Data	Small Area Income and Poverty Estimates
County Business Patterns	STD Surveillance System
County Health Rankings	The FBI Federal Bureau of Investigation
Dartmouth Atlas of Health Care	Toxics Release Inventory
Environmental Protection Agency	U.S. Bureau of Labor Statistics
Fatality Analysis Reporting System	U.S. Department of Agriculture - Food Environment Atlas
	U.S. Department of Education. Institute of Education Sciences, National Center for Education Statistics. Common Core of Data (CCD)

State Data Sources



Source
California Department of Public Health Count
California Health Interview Survey Count
California Department of Education Count
Child Welfare Dynamic Report System. Center for Social Services Research. University of California at Berkeley Count
California Secretary of State Count
California State Highway Patrol Count
California Alcohol and Drug Programmes (ADP) Count
California Department of Education Count
California Department of Justice Count
California Department of Public Health EpiCentre/Centers for Disease Control and Prevention (CDC) NCHS Count
California Department of Public Health EpiCentre/Centers for Disease Control and Prevention (CDC) Web-based Injury Statistics Query and Reporting System Count
California Department of Public Health Improved prenatal Outcome Data Reports/National Vital Statistics System Count
California Department of Public Health/National Vital Statistics System Count
California Health Interview Survey Count
California Health Interview Survey/National Health Interview Survey Count
California Health Interview Survey/NHIS Count
California Healthy Kids Survey: CHKS Count
California Healthy Kids Survey: CHKS/Youth Risk Behavior Surveillance System (YRBSS) Count
California Office of Statewide Health Planning and Development/ Centers for Disease Control and Prevention (CDC) Web-based Injury Statistics Query and Reporting System Count



Health Indicator Warehouse

- More than 1,200 indicators
- More than 180 data sources
- Federal: Census data; CMS; other HHS; ED; Agriculture and other federal surveys; surveillance data; Medicare administrative data; EPA-modeled data
- State: BRFSS, Surveillance System Data
- Trade Associations: AMA, AHA, other health professions' data
- NGOs: ASTHO, NACCHO, other member surveys



With Health Indicator Warehouse

- More than 180 data sources available via API (federal, state, trade associations and NGOs)
- More than 1,200 indicators are taxonomized
- This new resource eliminated the need for the following activities to be done manually:
 - Indicator Number
 - Topic Area(s)
 - Short Description
 - Keyword List
 - Full Description
 - Methodology Notes
 - Value Label
 - Caveats and Limitations
 - Initiative
 - Trend Issues
 - Numerator Description
 - References
 - Numerator Data Source
 - More Info Text
 - Denominator Description
 - Intervention(s) Text
 - Denominator Data Source
- Cost was reduced to less than 50 percent
- Adoption increased by states and counties 35 times annually
- Peer counties were easily identified for the same taxonomy
- And, we had plans for many topic-specific national products

Network of Care Expansion Post-Health Indicator Warehouse



Ada.id	Clark.id	Gooding.id	Marion.oh	Power.id	Union.oh
Adams.id	Clark.nv	Greene.oh	Massillon.oh	Preston.oh	Upper-Cumberland.tn
Adams.oh	Clark.oh	Guernsey.oh	Medina.oh	Prince Georges.md	Valley.id
Allegheny.md	Clearwater.id	Hamilton.tn	Meigs.oh	PublicHealthSolutions.na	Van Wert.oh
Allegheny.nv	Clermont.oh	HamiltonCity.oh	Mercer.oh	Putnam.oh	Vinton.oh
Allen.oh	Cleveland.oh	HamiltonCounty.oh	Miami.oh	Queen Annes.md	WarrenCity.oh
Alliance.oh	Clinton.oh	Hancock.oh	Mid-Cumberland.tn	Reverna.oh	WarrenCounty.oh
Anne Arundel.md	Columbiana.oh	Hardin.oh	Middletown.oh	Richland.oh	Washington.id
AshlandCity.oh	Columbus.oh	Harrison.md	Mineral.nv	Ross.oh	Washington.md
AshlandCounty.oh	Conneaut.oh	Harrison.oh	Minidoka.id	Saint Marv.md	Washington.oh
AshtabulaCity.oh	CoshoctonCity.oh	Henry.oh	Monroe.oh	Salem.oh	Washoe.nv
AshtabulaCounty.oh	CoshoctonCounty.oh	Highland.oh	Montgomery.ky	San Diego	Wayne.oh
Athens.oh	Crawford.oh	Hocking.oh	Montgomery.md	Sandusky.oh	West.tn
Aurizte.oh	Custer.id	Holmes.oh	Montgomery.oh	SarpvCass.ne	WestCentral.ne
Baltimore City.md	Cuyahoga.oh	Howard.md	Morgan.oh	Scioto.oh	WhitePine.nv
Baltimore County.md	Dakota.ne	Humboldt.nv	Morrow.oh	ScottsBluff.ne	Wicomico.md
Bannock.id	Darke.oh	Huron.oh	Muskingum.oh	Seneca.oh	Williams.oh
Barnstable.ma	Davidson.tn	Idaho.id	Napa	ShakerHeights.oh	Wood.oh
Bear Lake.id	Defiance.oh	Indian River.fl	NewPhiladelphia.oh	Sharonville.oh	Worcester.md
Belmont.oh	Delaware.oh	Ironton.oh	Nez Perce.id	Shelby.tn	Wvndot.oh
Belpre.oh	Denton.tx	Jackson.oh	Niles.oh	ShelbyCity.oh	Youngstown.oh
Benewah.id	DenverRegion.co	Jefferson.id	Noble.oh	ShelbyCounty.oh	
Bingham.id	Dorchester.md	Jefferson.oh	NorthCentral.ne	SHIP.md	
Blaine.id	Douglas.nv	Jerome.id	NorthEast.ne	SHIP.oh	
Boise.id	East.tn	Kent.md	NorthEast.tn	Shoshone.id	
Bonner.id	EastCentral.ne	Kent.oh	Norwood.oh	Solano	
Bonneville.id	EastLiverpool.oh	Knox.oh	Nye.nv	Somerset.md	
Boundary.id	EauClaire.wi	Knox.tn	Oakland.mi	Sonoma	
Boyd-Greenup.ky	EctorMidland.tx	Kootenai.id	Oakwood.oh	SouthCentral.tn	
Brown.oh	ElkhornLoganValley.ne	Lake.oh	Oneida.id	Southeast.ne	
Butler.oh	Elmore.id	Lander.nv	Ottawa.oh	Southeast.tn	
Butte.id	Elyria.oh	Larimer.co	Qwybee.id	SouthHeartland.ne	
Cabarrus.nc	Erie.oh	Latah.id	Panhandle.ne	Southwest.ne	
Calvert.md	Esmeralda.nv	Lawrence.oh	Paulding.oh	Springdale.oh	
Camas.id	Fairfield.oh	Lemhi.id	Pavette.id	Stark.oh	
Canton.oh	Fayette.oh	Lewis.id	Perry.oh	State.ne	
Canyon.id	Findlay.oh	Licking.oh	Pershing.nv	State.nv	
Caribou.id	FourCorners.ne	Lincoln.id	PHD1.id	Steuensville.oh	
Caroline.md	Franklin.id	Lincoln.nv	PHD2.id	Storey.nv	
Carroll.md	Franklin.oh	Logan.oh	PHD3.id	Sullivan.tn	
Carroll.oh	Frederick.md	LorainCity.oh	PHD4.id	Summit.oh	
CarsonCity.nv	Fremont.id	LorainCounty.oh	PHD5.id	Talbot.md	
Cassia.id	Fulton.oh	Loupeasin.ne	PHD6.id	Tarrant.tx	
Cecil.md	FultonDeKalb.ga	Lucas.oh	PHD7.id	Teton.id	
Central District.na	Gallion.oh	Lyon.nv	Pickaway.oh	Teton.wy	
Champaign.oh	Gallia.oh	Madison.id	Pike.oh	ThreeRivers.ne	
Charles.md	Garrett.md	Madison.oh	Piqua.oh	Trumbull.oh	
Churchill.nv	Geauga.oh	Madison.tn	Plumas	Tuscarawas.oh	
Cincinnati.oh	Gem.id	Mahoning.oh	Portage.oh	Twin Falls.id	
	Girard.oh	Marietta.oh	Portsmouth.oh	TwoRivers.ne	



Fulton-DeKalb Hospital Authority

Community Health Awareness and Prevention Office



Select Language | ▾

Large Print

ZIP-LEVEL DATA ▾

Maps and charts show poverty-related Community Survey data at the ZIP level for Fulton and DeKalb counties.

CHAA DATA ▾

Charts show Community Health Assessment Area data for DeKalb County.

GRADY HEALTH SYSTEM DATA ▾

Because of its unique place in the community, the Grady Health System has a wealth of data about disease in the Atlanta area. These visualizations give you a glimpse into this data.

DEKALB CSB HEALTH DATA ▾

Browse 2011-13 aggregate data showing the number of people treated by behavioral health diagnosis and ZIP code.

MEDICARE FACILITY RATINGS IN YOUR AREA ▾

Hospital Ratings
Patient satisfaction survey results and how they compare to the statewide average.

Public Health Assessment and Wellness

This regional site serves multiple counties. Use the dropdown below to view a specific county's data.

Selected County:

Dekalb County Data

- County Data
 - County Health Rankings
 - HP 2020
 - No Color
- -
 -
 -
 -
-

[Open All Categories](#)

-
-
-
-
-
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-
-
-
-
-
-



Select Language | ▼

Large Print

PH Dashboard

HP 2020

Chronic Disease and Conditions

Disabilities

Health Behaviors

Health Care

Health Risk Factors

Infectious Disease

Injury and Violence

Maternal and Infant Health

Mental Health and Substance Abuse

Occupational Health and Safety

Oral Health

Physical Environment

Population

Prevention Through

Solano Public Health

Healthy People 2020 Progress Tracker

Health / Access to Health Services

Healthy People provides a framework for prevention for communities in the U.S. Healthy People 2020 is a comprehensive set of key disease prevention and health promotion objectives. The health objectives and targets allow communities to assess their status and build an agenda for community health improvement.

Excellent Very Poor

High School Graduation



Age-Adjusted Death Rate due to Breast Cancer (National Cancer Institute)





THE NETWORK OF CARE



Select Language

Large Print

PH Dashboard

HP 2020

Chronic Disease and Conditions

Disabilities

Health Behaviors

Health Care

Health Risk Factors

Infectious Disease

Injury and Violence

Maternal and Infant Health

Mental Health and Substance Abuse

Occupational Health and Safety

Oral Health

Physical Environment

Population

Prevention Through Healthcare

Public Health Infrastructure

Social Determinants of Health

Solano Public Health

Infant Mortality Rate

Shows the mortality rate in deaths per 1,000 live births for infants within their first year of life. The death of a baby before his or her first birthday is called infant mortality. The infant mortality rate is an estimate of the number of infant deaths for every 1,000 live births. This rate is often used as an indicator to measure the health and well-being of a nation, because factors affecting the health of entire populations can also impact the mortality rate of infants. There are obvious differences in infant mortality by age, race, and ethnicity; for instance, the mortality rate for non-Hispanic black infants is more than twice that of non-Hispanic white infants.

Measurement Period: 2012-2014

HP2020 Target: 6.0

MODEL PRACTICES (20)

- [Evidence-Based Targeting of Newborn Nursing Home Visits \(2005\)](#)
- [Promising Approaches to Improve Birth Outcomes: Integration of Fetal Infant Mortality Review \(FIMR\), Perinatal Periods of \(2007\)](#)
- [A New Approach to Fetal Infant Mortality Review \(FIMR\) for Use with Large, Diverse, and Dispersed Populations \(2009\)](#)

RELATED CONTENT

- LIBRARY (7)
- MEDICATIONS (20)
- COUNTY INDICATORS (64)
- LINKS / SUPPORT & ADVOCACY (18)

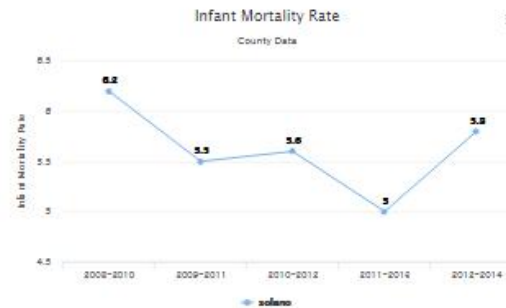
Excellent ■ ■ ■ ■ Very Poor

Infant Mortality Rate



[Learn more about the color range and icons](#)

History





Current Situation

- Using individual data sources
- Applying Health Indicator Warehouse model whenever applicable
- Increased cost
- Longer deployment cycles
- Complex access issues, both technical and otherwise

Network of Care for Public Health Assessment and Wellness exists, *even today*, solely due to the Health Indicator Warehouse initiative.

Network of Care for Public Health and Wellness



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