An aerial photograph of a town and a large reservoir. The town is on the left, with a row of tall, thin trees. The reservoir is in the center, surrounded by mountains. The right side of the image shows a large, flat area, possibly a dry lake bed or a field, with some buildings in the distance. A blue vertical bar is overlaid on the center of the image.

Public Health Widgets at Work

Understanding and Communicating
What Public Health Does

2015 WSPHA Conference



Session Outline

Understanding and Communicating
What Public Health Does

Overview

Examples

Local, State, National

Data Sources

Interactive Exchange



Interactive Component

Learn about the Public Health Activities and Services and how they are used

Engage participants in a discussion on innovative ideas around using and communicating the Public Health Activities and Services data

Please share your ideas with us at
www.doh.wa.gov/phas

Panelists

Barry Kling, Chelan-Douglas Health District

Maryanne Guichard, Department of Health

Betty Bekemeier, University of Washington

Simana Dimitrova, Department of Health

Overview

Barry Kling

Public Health Activities and Services Inventory helps answer basic questions about what public health does and how much of it is done over time

Where did this whole idea come from?

Why count activities instead of outcomes?

Public Health Activities & Services Annual Inventory

2008 – present

Environmental Public Health	Communicable Disease	Immunizations	Emergency Preparedness
Healthy Family Development	Access to Care	Assessment	Prevention and Wellness

Public Health Activities and Services counts help measure, market and communicate about public health



Background

Barry Kling

HCR 4410 discussions

2004 legislature asked:

- ~~1. What is public health doing now?~~
2. What is needed?
3. What is the gap between the two?

...so they could assess how much more money we need

We couldn't answer question 1

This was not amusing. We couldn't even tell them what we do and how much we do it. Would you give more money to an outfit like that?

Public Health Activities & Services



Workgroup Members since 2008

Amy Diaz, Anthony Chen, Betty Bekemeier, Bobbie Berkowitz, Bud Nicola, Carrie McLachlan, Cindan Gizzi, Cindy West, Craig McLaughlin, Dale Arroyo, Deborah Allwes, Dorothy Teeter, Elaine Conley, Ed Dzedzy, Eric Johnson, Eva Crim, Gary Goldbaum, Gregg Grunenfelder, Harvey Crowder, Jane Lee, Janet Charles, Janna Bardi, Jim Matsuyama, Joan Brewster, Jeff Killip, John Peppert, John Wiesman, Karen White, Karolyn Holden, Kathy Cahill, Kathy Uhlorn, Lori Van De Wege, Lyndia Willson, Maria Courogen, Maria Gardipee, Marie Flake, Mark Oberle, Marni Storey, Mary Goelz, Mary Selecky, Michelle Davis, Peter Browning, Regina Delahunt, Rick Porso, Rita Schmidt, Riley Peters, Sherri McDonald, Sherry Bartlett, Simana Dimitrova, Stacy Wenzl, Sue Grinnell, Susan Ramsey, Torney Smith

Co-Chairs

Barry Kling | Maryanne Guichard



Why count activities instead of outcomes?

Barry Kling

Actually it's not one or the other, its' both

Even when we have clear outcome data for a service, we still need to know how much of it we did to determine its effects

It's also a matter of basic credibility

How much credibility would you see in a local agency that couldn't tell you how many of their services they do in a year?



Accountability

Barry Kling

While it does not include everything important in public health, Public Health Activities and Services provide a basic and critical form of accountability

The Public Health Activities and Services Inventory uses available data to the extent possible

Additional data is collected from local health agencies and the state Department of Health programs annually

Public Health Activities and Services do not include everything we do, they emphasize the things that are easiest to count



To answer the question

So What?

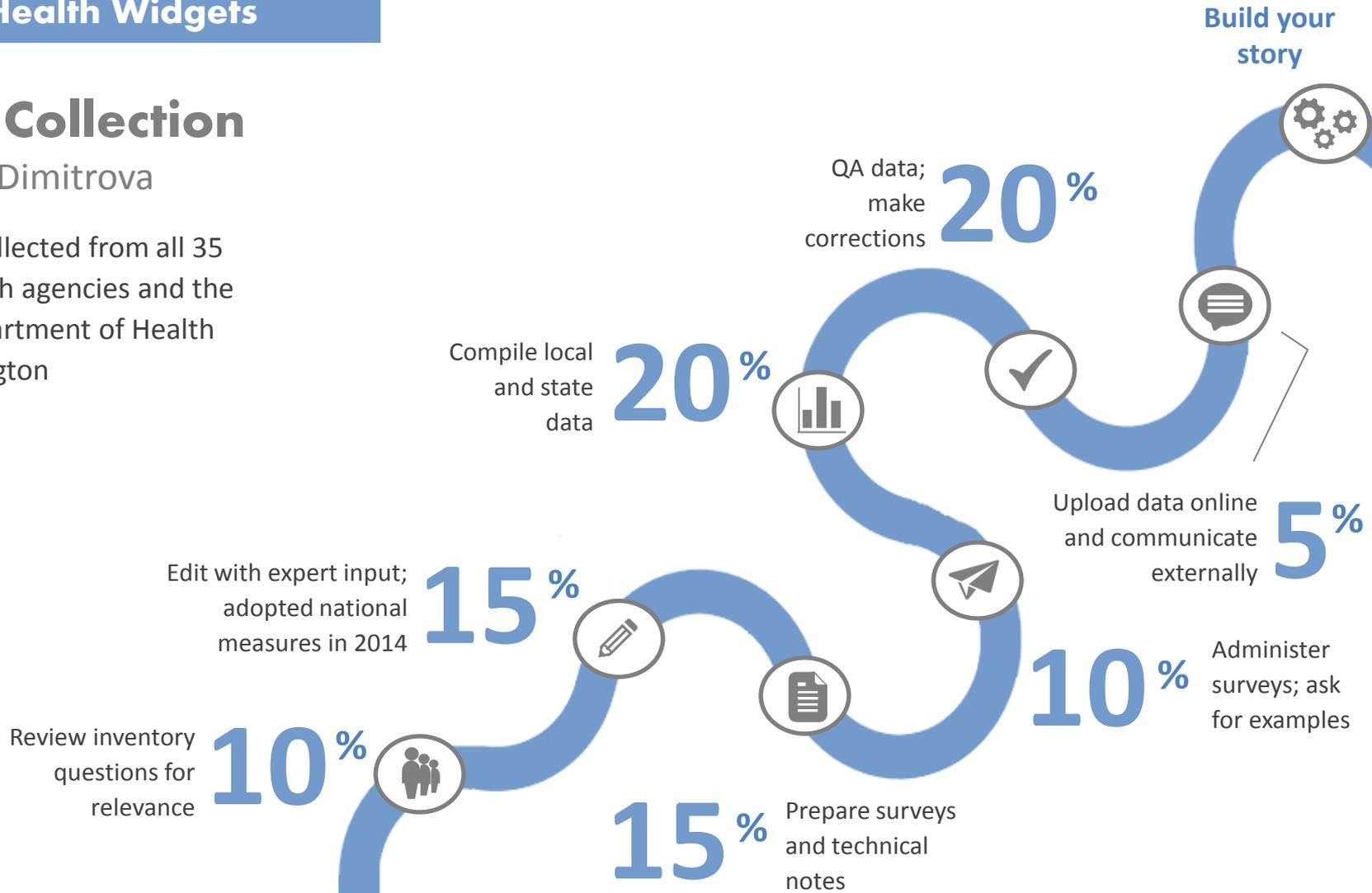
You must first answer the question

What?

Data Collection

Simana Dimitrova

Data is collected from all 35 local health agencies and the state Department of Health in Washington



Public Health Widgets

Annual Report

Barry Kling

What has public health done for Chelan and Douglas counties?

Population

72,735	38,589	=	111,324
Chelan	Douglas		district total
1,524	986		
births	deaths		



Women and children served through WIC

1,483

Clients educated about infectious disease

1,288

Children and adults immunized

7,381

Children with Special Health Care Needs served

59

Restaurants/grocery stores permitted and inspected

712

Workers educated on safe food handling

5,666

Samples tested for safe drinking water

4,136

Licensed health care professionals

6,150

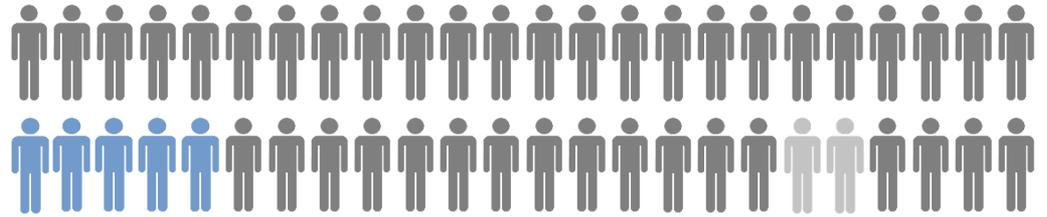
Foodborne Illness Prevention

Maryanne Guichard

Foodborne illness is a public health issue

The public health system must continue to focus on prevention, monitoring and response, and must continue to improve

In U.S. foodborne illness affects 48 million annually



128,000 hospitalizations

3,000 deaths

Foodborne illness in Washington

32 confirmed outbreaks

409 foodborne illness cases



What public health in Washington is doing



Educating the public and food industry



Training workers to handle food safety



Inspecting retail food service operations

Monitoring shellfish harvesting areas



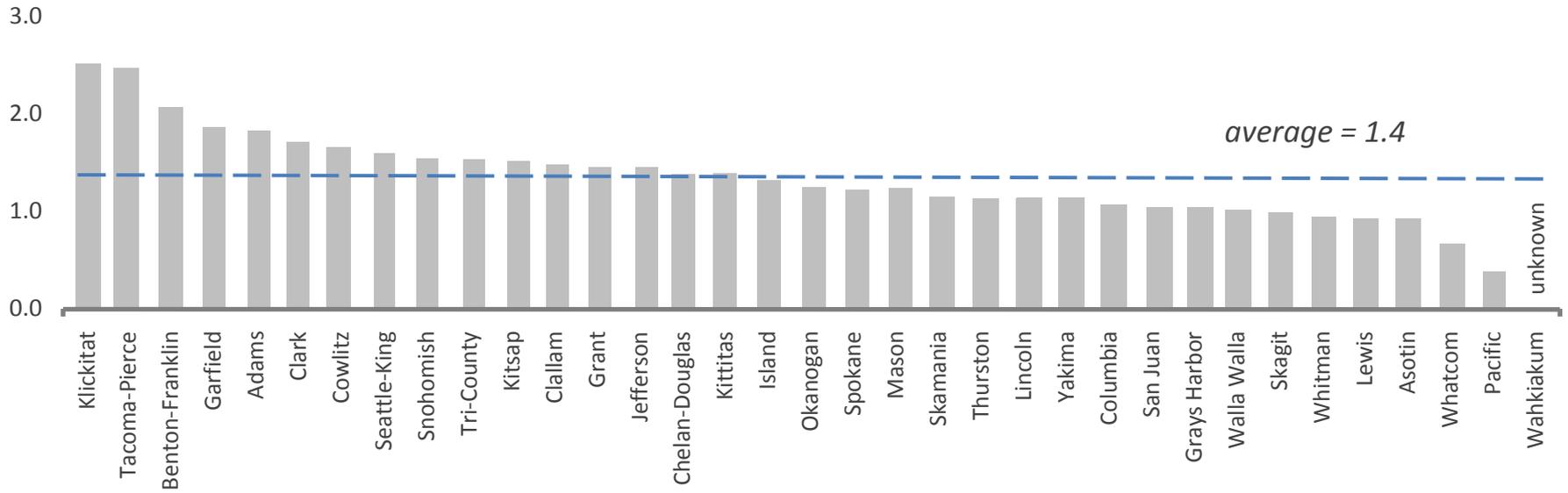
Partnering with others in prevention



Analyzing data, applying lessons learned



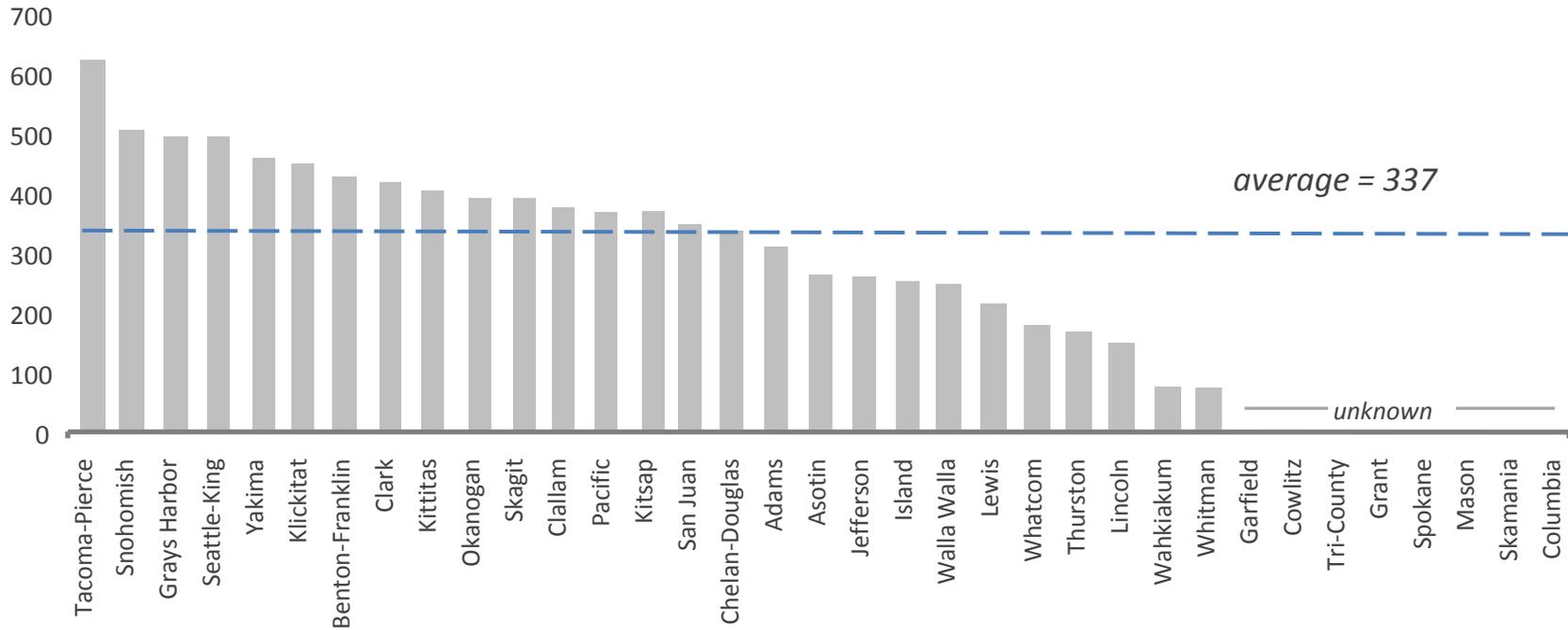
Public Health Widgets



Number of inspections per food service establishment

Source: Public Health Activities & Services Inventory (2012)

Public Health Widgets



Number of inspections per food safety FTEs

Sources: [Public Health Activities & Services Inventory](#) | [Data collection for MPROVE Study \(2012\)](#)

Public Health Widgets

The screenshot shows a web browser window displaying the PHAST dashboard. The browser's address bar shows the URL `phastdata.org`. The page features a header with the PHAST logo (Public Health Activities & Services Tracking) and the affiliation: SCHOOL OF NURSING, UNIVERSITY of WASHINGTON. A navigation menu includes links for HOME, ABOUT US, MEASURES, VISUALIZATIONS, PARTNERS, and LOGIN. The main content area is divided into three sections: 'About Us' with a group photo, 'Standardized Measures' with a bar chart, and 'Partners' with a map of the United States. A quote from the Institute of Medicine is displayed below these sections. The footer contains logos for PUBLIC HEALTH SERVICES & SYSTEMS RESEARCH and PRACTICE-BASED RESEARCH NETWORKS, along with University of Washington privacy and terms of use information. A video player interface is visible at the bottom of the browser window.

WSPHA_DashboardDemo
Welcome to phastdata x
phastdata.org

PHAST
Public Health Activities & Services Tracking

SCHOOL OF NURSING
UNIVERSITY of WASHINGTON

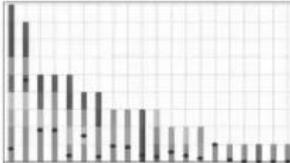
HOME ABOUT US MEASURES VISUALIZATIONS PARTNERS LOGIN

About Us



We join public health experts and state and local governments in developing a standardized information system for tracking public health activities nationwide.

Standardized Measures



Explore details of public health service measures from three domains: Chronic Disease Prevention, Communicable Disease Control, and Environmental Health Protection.

Partners



Discover ways to work with PHAST to promote a culture of health by empowering policy-makers, practitioners, and researchers with the information they need.

“ Measuring health-improvement processes and determinants with fidelity, understanding their relationship to the nation's well-being, and designing effective interventions all rest on harvesting information in a manner that is understandable, valid, timely, accurate, and integrated. ”

Institute of Medicine. For the Public's Health: The Role of Measurement in Action and Accountability (2010)

PUBLIC HEALTH SERVICES & SYSTEMS RESEARCH PRACTICE-BASED RESEARCH NETWORKS
University of Washington Privacy Policy
University of Washington Terms of Use

Public health
practitioners
would like to
know...



“Does cross-jurisdictional sharing improve service delivery? (number of clients/residents, etc. reached)”

“I was interested in comparing the variability between the population density groups to the variability among local health agencies in a particular group”

“Which health programs are valued in a local health agency?”

“Trends over time – why do we see these trends?”

*feedback from testing
visualization dashboards*



Research Studies

Betty Bekemeier

Delivery and cost study

What factors influence the cost of public health service delivery in Washington

Patterns of obesity prevention activity

Depicting patterns of obesity prevention strategies across communities and using cluster analysis

Communicable disease control

How does local health CD control spending relate to county-level disease burdens, when we take the types and volume of local health service delivered into account?

Local health jurisdictions inter-organizational collaboration and CD control

Examining the influence of cross-jurisdictional sharing on the volume, intensity, and unit costs of local health services

FOR THE PUBLIC'S HEALTH The Role of Measurement in Action and Accountability



National Context for Public Health Service Measures

Betty Bekemeier

Standardized data needed

Data inconsistencies limit

Opportunities for comparison and related performance improvement

Understanding of rural areas and service disparities

Generating evidence for practice

Standard measures established

2012/2013 MPROVE project

Barry Kling and Betty Bekemeier represent Washington

6 states (including Washington) identified measures to collect

3 domains: communicable disease, chronic disease, environmental health

PHAST

Public Health Activities & Services Tracking



The PHAST Charge

Betty Bekemeier

PHAST is facilitating uptake and utilization of these standard measures

Activities to date

Collaborative measure refinement

Data specifications and related tools

Reviewing data

Assuring relevance for practice

Increasing data access to assure value and use

Conducting research

Near-future activities

Working with more states

Identifying additional stakeholders

Developing sustainability

Making more collected data available

...and more to come!

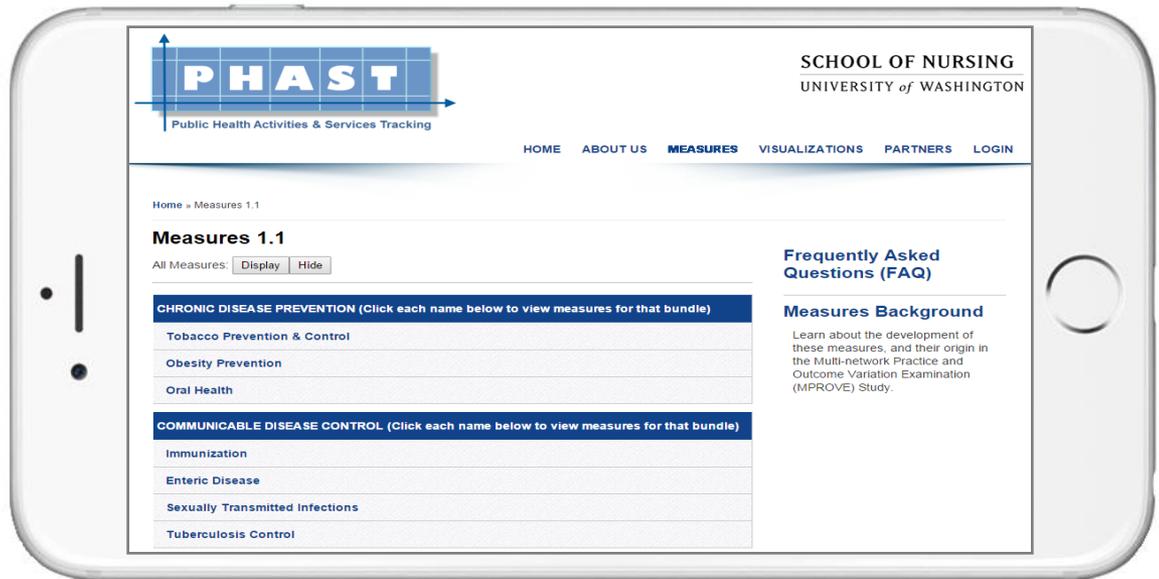
PHAST

Public Health Activities and Services Tracking is a multi-state collaboration of researchers and practice partners examining outcomes associated with variation and change in public health financing, infrastructure and service delivery

This effort assures relevance for accreditation, advocacy, data-driven decision-making and use of resources

<http://phastdata.org/measures>

Public Health Activities & Services Tracking



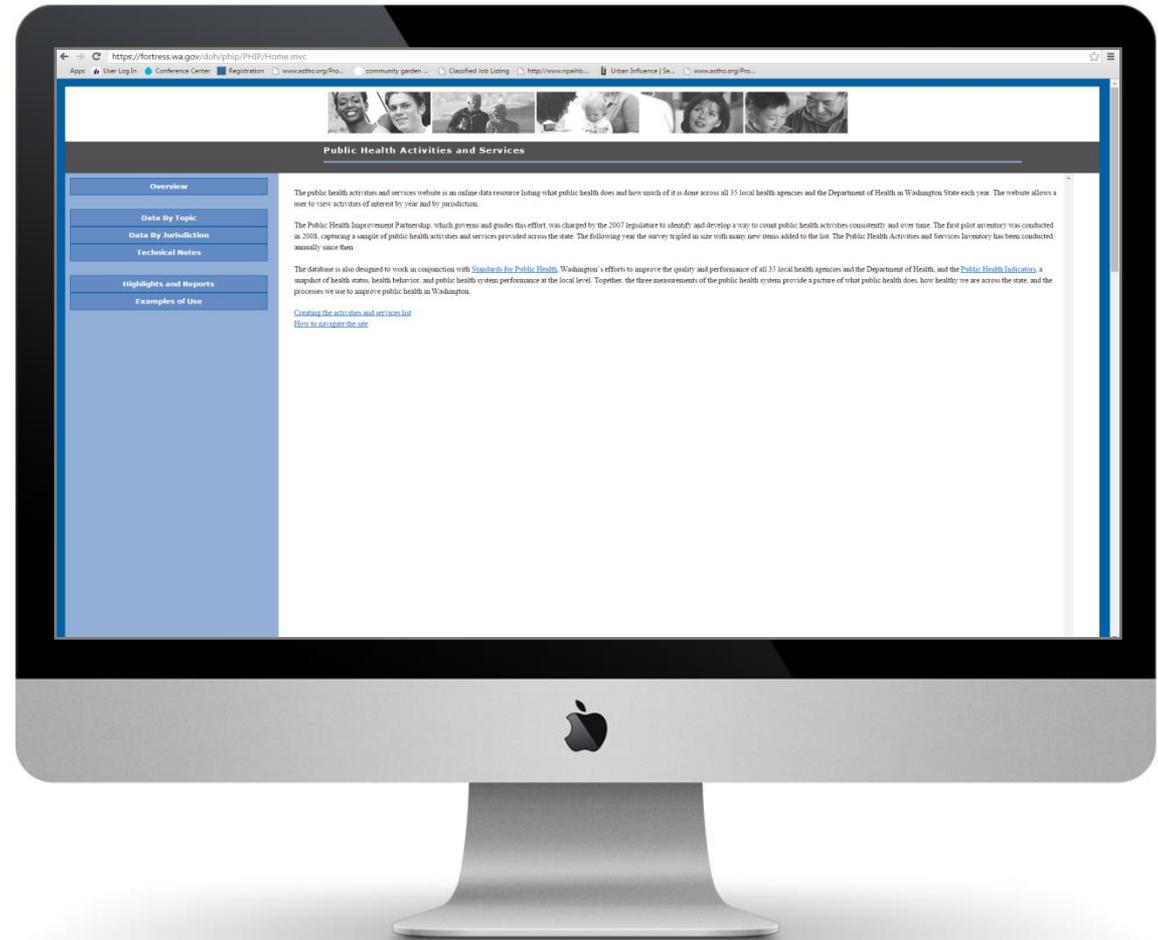
PHAS

The Public Health Activities and Services online database is designed to present data for each of Washington's local public health agencies and some programs at the state Department of Health

User can view activities of interest by year and by agency

The database also includes technical notes, data highlights, annual reports and examples of use

<https://fortress.wa.gov/doh/philp/PHIP/Home.mvc>

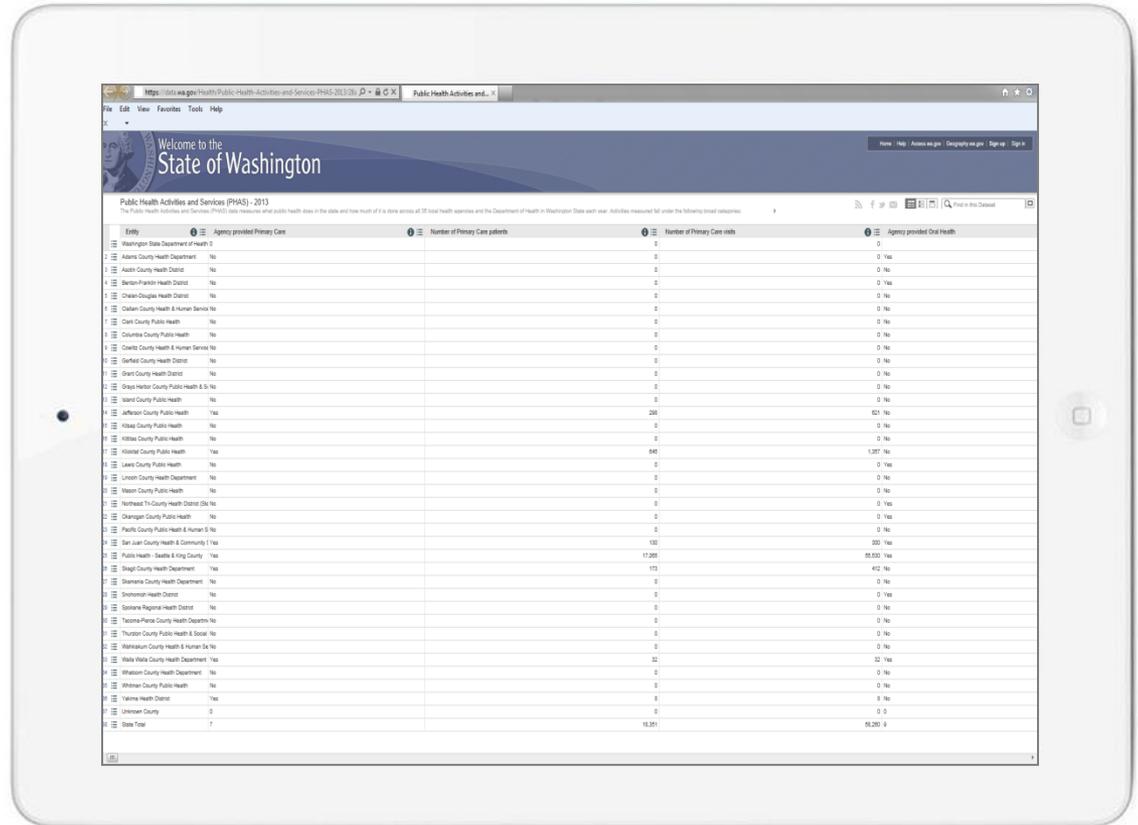


Open Data - PHAS

The Public Health Activities and Services data can also be found on the Washington State's Open Data portal

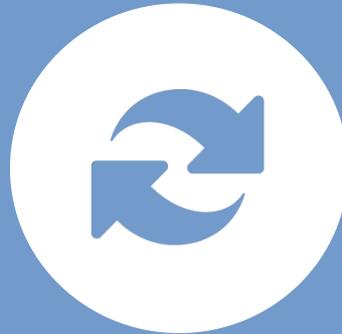
The site offers a multitude of data visualization tools as well as the ability to map trends

<https://data.wa.gov/Health/Public-Health-Activities-and-Services-PHAS-2013/28ar-n972>



Interactive Exchange

Please share your ideas with us at
www.doh.wa.gov/phas



Public Health Widgets



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Thank you!

www.doh.wa.gov/phas