

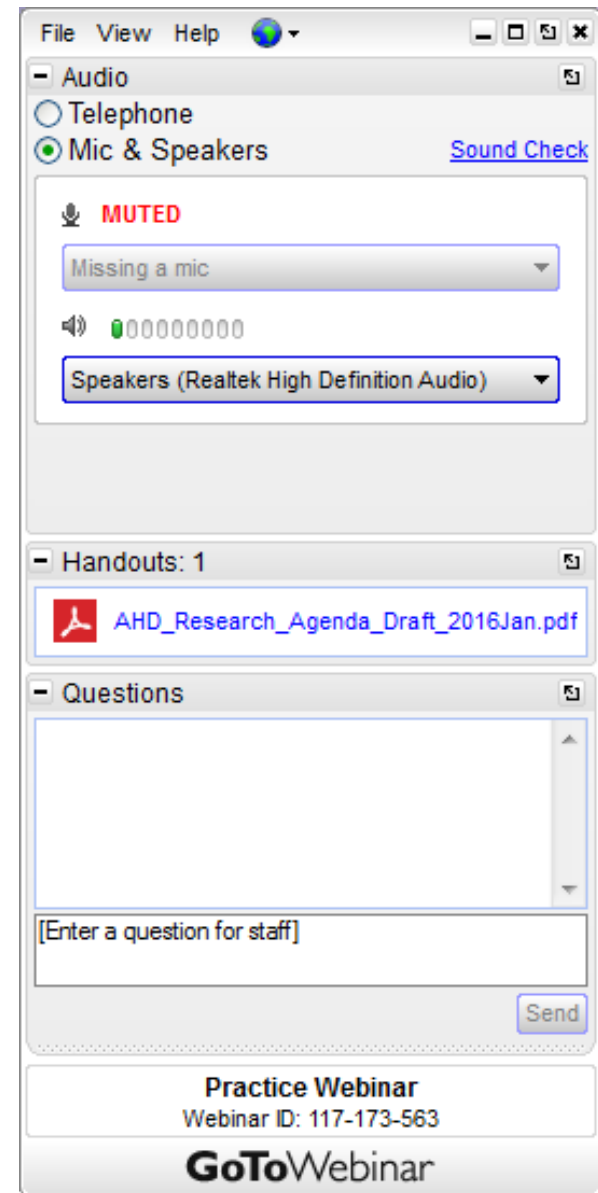


Public Health Foundation

Performance Management: Improving the Improvement

Thursday, April 21, 2016

- All attendees are muted.
- Please use the “Questions” panel to ask questions and submit comments throughout the webinar.
- Materials for today’s presentation are available for download in the “Handouts” panel.
- This webinar will be recorded and archived. The archive will be made available following the meeting.



PHF Mission:

**We improve the
public's health by
strengthening the
quality and performance
of public health practice**

www.phf.org



***Healthy Practices
Healthy People
Healthy Places***

Learning Objectives

- After the webinar, you will be able to:
 - Identify strategies to improve a performance management system
 - Describe how these strategies are being implemented by public health departments
 - Locate resources and tools for implementing and continuously improving your performance management system

Today's Presenters

- Micaela Kirshy

- Project Manager for Performance Management and Quality Improvement, Public Health Foundation



- Jack Moran

- Senior Quality Advisor, Public Health Foundation



- Tami Dillman

- Finance Director, Central Valley Health District (ND)



- Robert Hines

- Performance Improvement Manager & Accreditation Coordinator, Houston Health Department (TX)





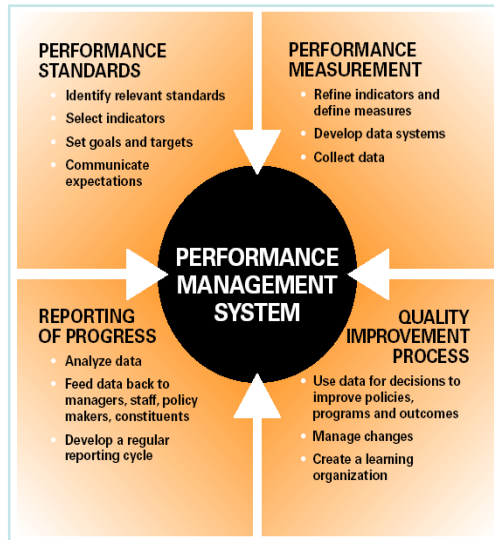
Public Health Foundation

Performance Management Systems: How to Refresh and Improve Yours

Jack Moran, Ph.D.

Public Health Foundation

Refreshed Framework, 2013



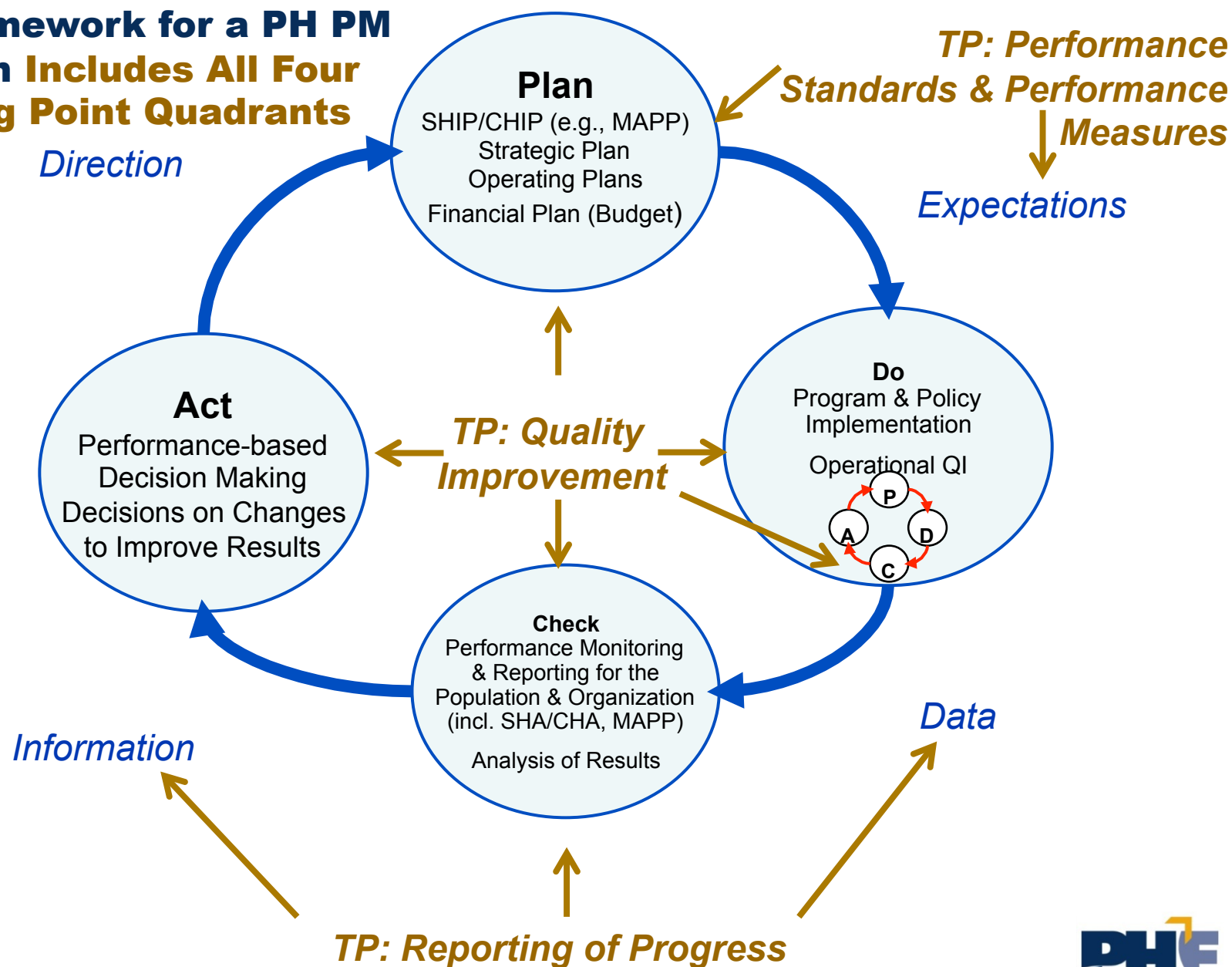
PUBLIC HEALTH PERFORMANCE MANAGEMENT SYSTEM



Source: From Silos to Systems: Using Performance Management to Improve Public Health Systems – prepared by the Public Health Foundation for the Performance Management National Excellence Collaborative, 2003.

Updated framework by the Public Health Foundation, 2013.

QI Framework for a PH PM System Includes All Four Turning Point Quadrants



Views from Different Parts of the System



Goal Alignment is *NOT* the Same as Goal Profusion



Keeping Performance Management Fresh

Focus on the outer ring of the refreshed Turning Point Model:

- 1. Visible Leadership** -- take care in the delegation of coordinating the performance management system. This individual or team needs to be a dynamic force that has the visible support of leadership
- 2. Transparency** -- assure that the data being used come from credible systems. **"Whenever there is fear, you will get wrong figures."** - W. Edwards Deming
- 3. Strategic Alignment** -- once you've been doing this work for six months to a year, look more closely at the data being collected and take a critical look at the driver relationships. Ask killer questions...Will improvements in these measures help us achieve agency goals?
- 4. Culture of Quality** -- has the performance management system strengthened our commitment to QI and elevated the efforts to select QI efforts based in performance data? Are all staff informed and contributing to the PM system?
- 5. Customer Focus** -- re-evaluate your purpose for performance management in the first place. Are you striving to improve the customer experience? Is the staff clear about who the agency customers are for each measure?

Keeping Performance Management Fresh

Focus on the process of Performance Management:

Conduct a regular Performance Management System Review:

- ✓ Do you do anything with the data collected and charted?
- ✓ What happens at your performance management meetings?
 - ✓ Is it a meeting you look forward to? What would it take to make it so?
- ✓ Is data reported in a way that all have access either as a presentation, dashboard, or report.
- ✓ At least annually, ask all PM team members to take a critical look at their selected measures and determine whether these are the best data to measure the intended outcome.

Start getting reports from managers that answer four simple questions:

1. What happened in this last quarter that worked to improve the customer experience?
2. What changes do you hope to make based on the data?
3. What QI projects did you consider or implement?
4. What improvements are you most proud of?

Keeping Performance Management Fresh

Install a Performance Management System Team (PMST), which will oversee and improve the system. In addition to the conceptual model, the PMST team must define the system's DNA and keep it focused:

- **Purpose** - What is the purpose of the performance management system and what do we want it to accomplish with it today and in the future?
- **Functional requirements** – what it is supposed to do? What capabilities must it have?
- **Performance requirements** - how does the system perform its functions?
- **Usability requirements** - who are the users and what do they want from the system?
- **Data semantics** – What are the key business and process terms we will be using, such as types of performance measures and their definitions?
- **Environmental requirements** - under what conditions does the system have to work and meet its performance goals?
- **Budget requirements** – what will be the ongoing staffing, licensing, operating and upgrade costs for this system?

Keeping Performance Management Fresh

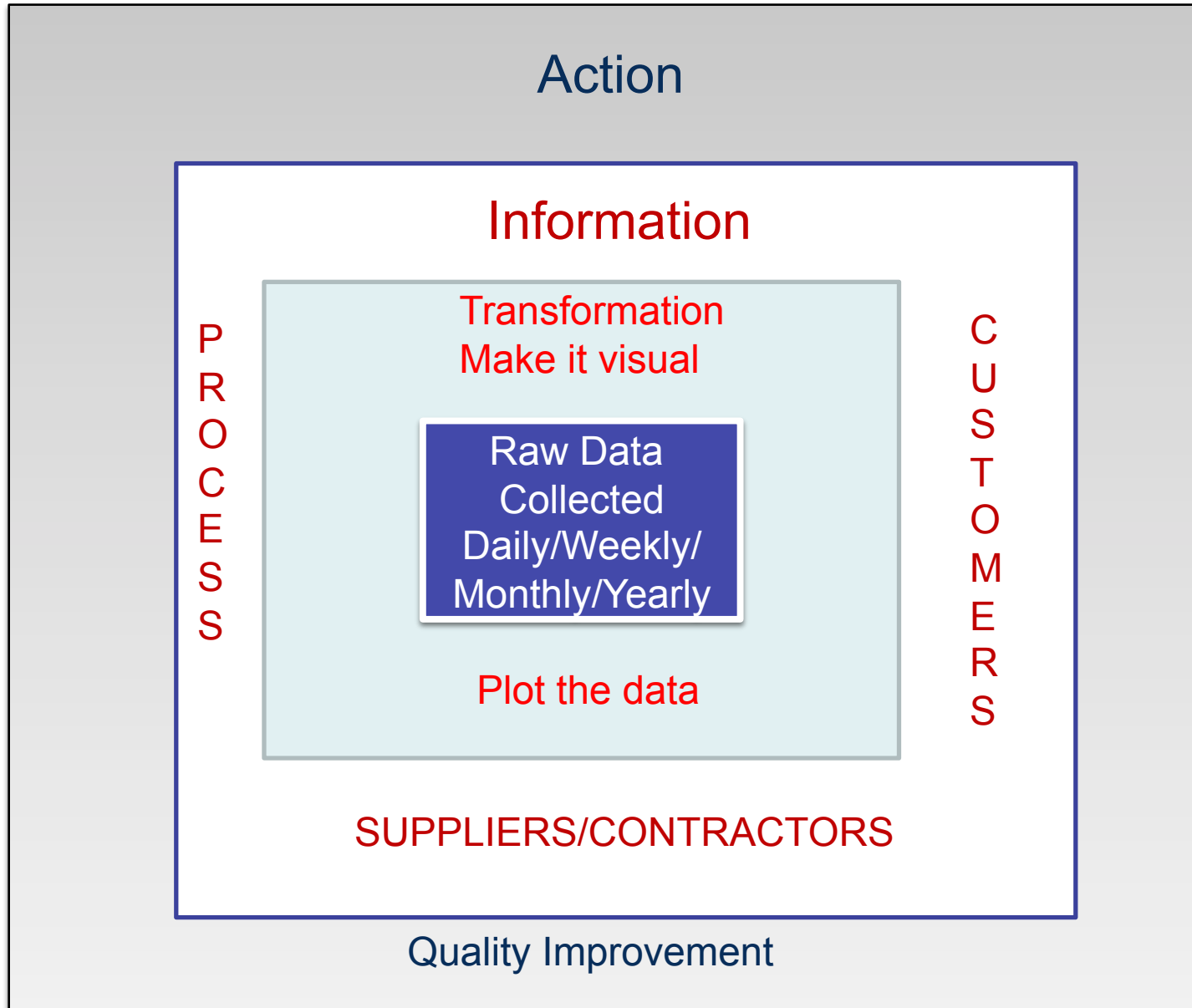
Other options:

- Once a year, match up two program managers (division directors-- project leads, etc.) from different programs. Ask them to meet prior to the meeting to review each other's performance data, learn about the other program and come to the meeting with one suggestion about how their programs might work together in the future.
- Invite a couple of community partners to sit in as guests at the performance management team meeting and ask for their feedback about what resonates with them about the work of the agency and the reporting process.
- Make PM VISIBLE in the agency. Post the goals. Create a PM Communication Campaign -- start with being clear about the purpose of PM.
- Celebrate successes – even minor ones.

Lessons Learned

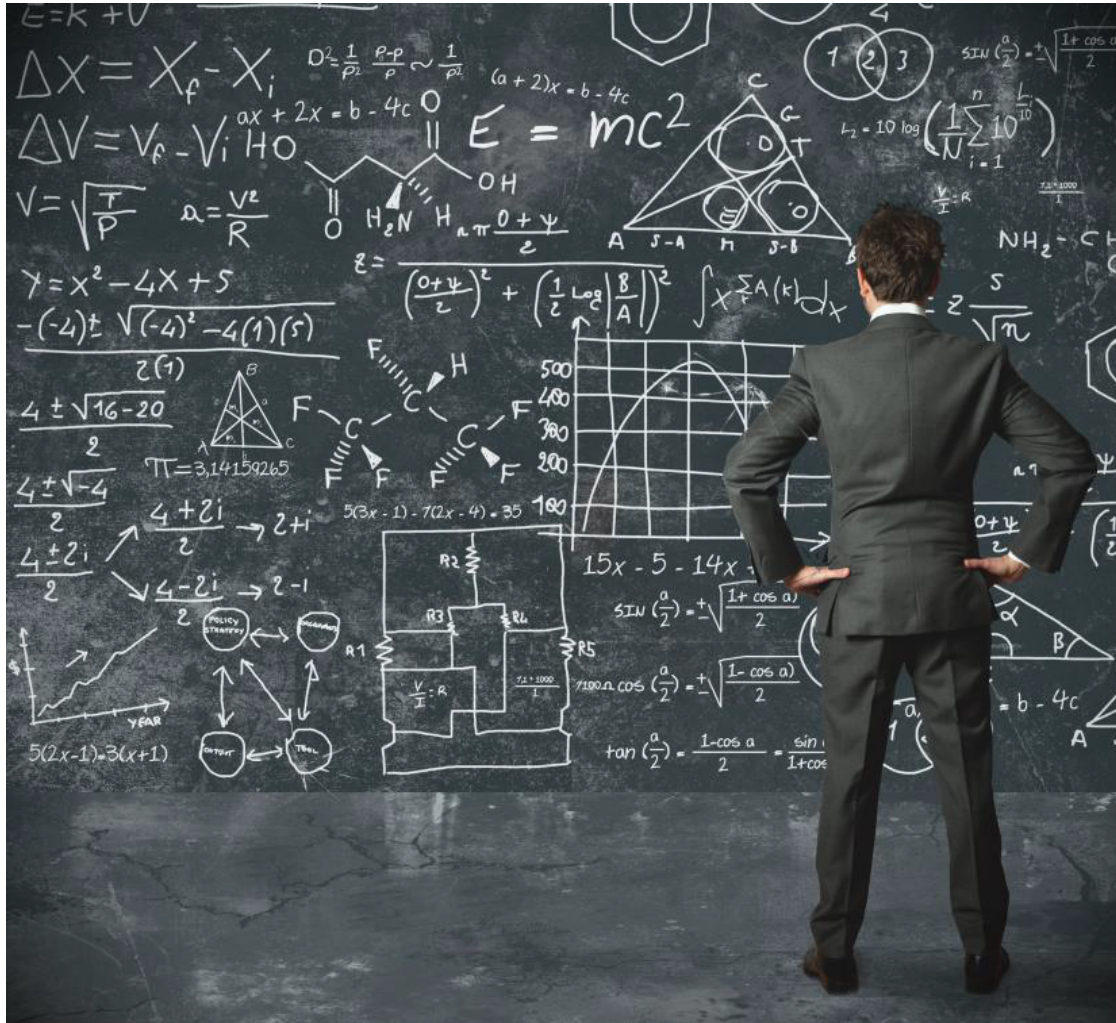
- Start small
- Distinguish between strategic measures and grant measures
- Align to the strategic objectives – roll up
- Take action
- Keep emphasizing the USE of performance information
 - Show examples
- Too much data
- Review every six months

Performance Management System



Lessons Learned

Above all keep it simple and useable:



Lessons Learned – Keep It Simple and Visual

| Goals, Objectives, & Measures for: | State Health Department | Accreditation | Trend Direction | | | | | Support & Documentation | |
|------------------------------------|---|-----------------------------------|-----------------|----------------|--------|---------------|-----------|-------------------------|-------|
| | | Objectives & Performance Measures | | | | | | | |
| Goal 1: | Objective or Activity: Enforce EH codes and laws | PHAB Domain | Previous Period | Current Period | Target | & No. Periods | Frequency | QI Plan | Notes |
| Improve EH | Measures: | | | | | | | | |
| | % of eating establishments inspected at least 1x every 12 months | 6 | 72% | 68% | 100% | <div>1</div> | quarterly | | |
| | % of eating establishments that pass inspection | 1 | 96% | 95% | 95% | <div>1</div> | quarterly | | |
| | # of eating establishments the fail re-inspection after first failure | 2 | 0.00 | 0.00 | 3.00 | <div>2</div> | quarterly | | |
| | Objective or Activity: Investigate and contain EH hazards | | | | | | | | |
| | Measures: | | | | | | | | |
| | # of confirmed new food borne illnesses per quarter | 2 | 2.00 | 3.00 | 3.00 | <div>1</div> | | | |
| | # of qualified homes given a home lead testing kits per quarter | 3 | 173.00 | 100.00 | 80.00 | <div>2</div> | | | |



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Central Valley Health District

Performance Management – Frontier Style

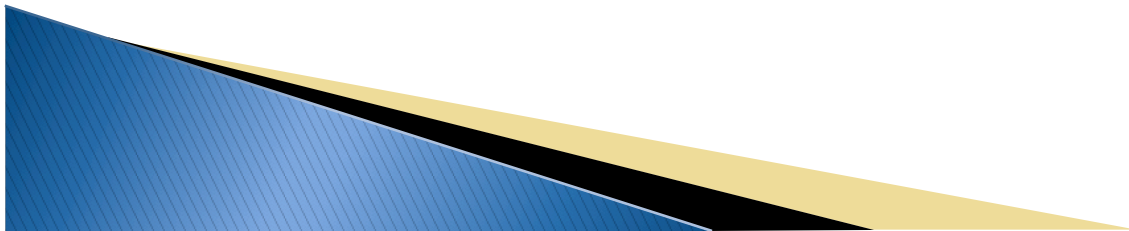
Presented By: Tami Dillman, Finance Director (AC)

April 21, 2016

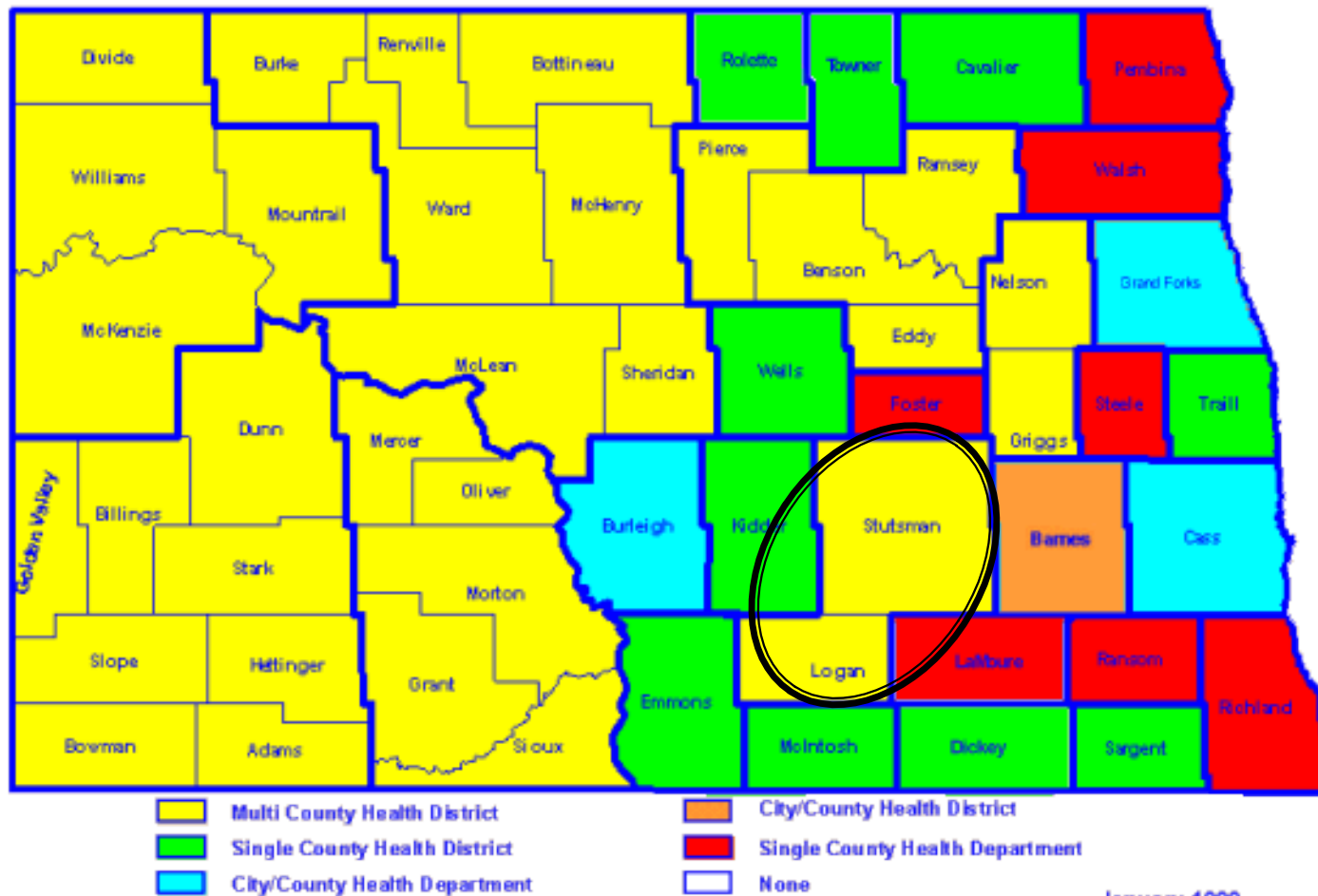


CVHD PM Journey:

- ▶ PHAB Beta Site (2009–2010)
- ▶ NACCHO CHA–CHIP Demonstration Site (2011–2012)
- ▶ CHA & CHIP completed (2012) – QI, PM
- ▶ PHAB Accreditation Coordinator Training (2013)
- ▶ Documentation, e-PHAB (2014)
- ▶ Regional Public Health Network (2014–Present)
- ▶ Site Visit (Spring 2015)
- ▶ Accredited (August 2015)

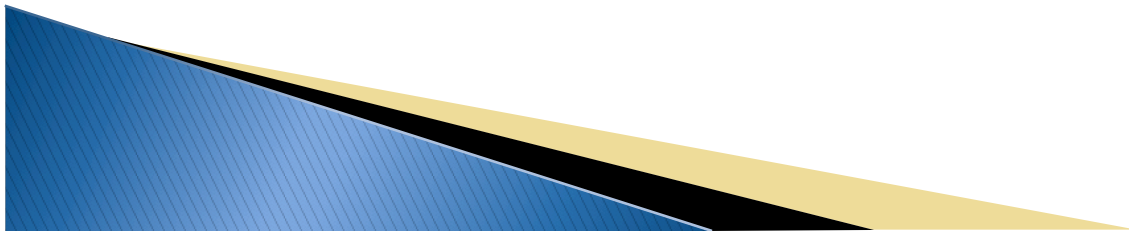
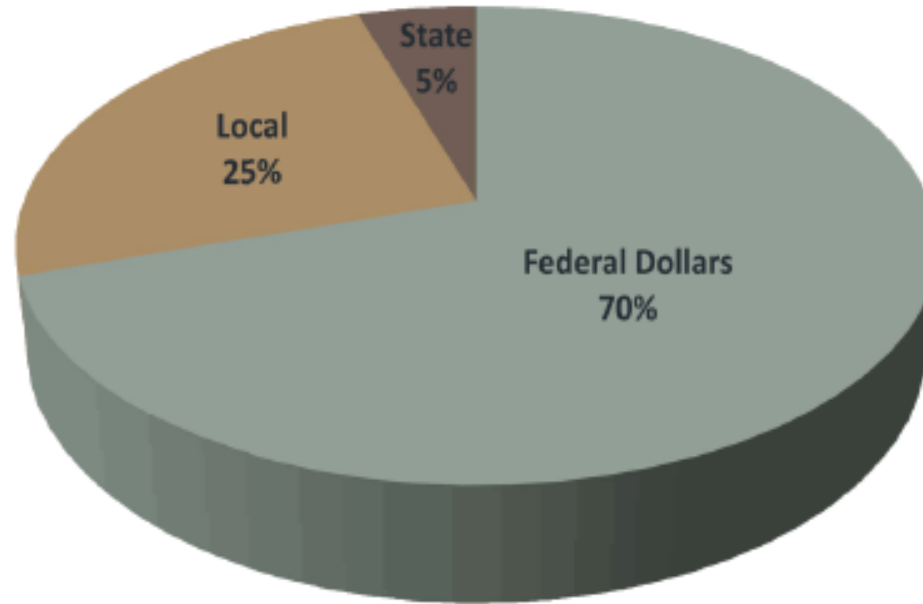


Public Health in ND



Where our funding comes from in North Dakota....

Public health revenue comes from three sources



Central Valley Health District

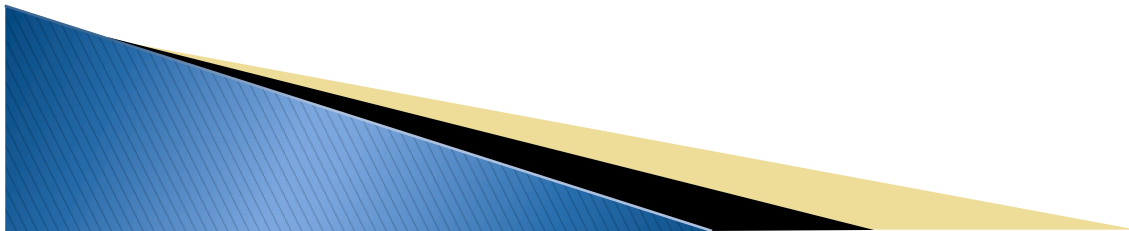
122 2nd Street NW – Jamestown

www.centralvalleyhealth.org



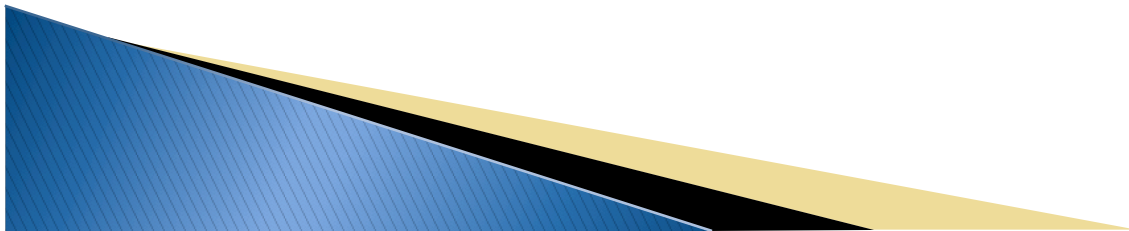
Programs

- ▶ Emergency Preparedness and Response
- ▶ Environmental Health
- ▶ Family Planning
- ▶ Public Health Nursing
- ▶ Tobacco Prevention/Baby and Me
- ▶ Women, Infants, and Children (WIC)
- ▶ Women's Way



WE also DO.....

- ▶ Substance abuse prevention grant (SPF SIG)
 - Equipment to local law enforcement
 - Survey the community
 - College Policy
- ▶ Million Hearts
 - Best practices in Blood Pressure Monitoring
 - Connecting CVHD EMR to ND Health Information Network
- ▶ Regional Partnership with other Local Health Departments
 - Partnering to enhance public health in the SE Central region
- ▶ Prevention Block Grant
 - School Wellness



Beta Test – Finance & Administration – “Look to the Future, Build from the Past”

Program Reporting System (PRS)

File Edit View Favorites Tools Help

North Dakota
nd.gov Official Portal for North Dakota State Government

Program Reporting System

Welcome Tami (Log Out)

Central Valley Health District

Contractor Programs | Admin

Programs

All Programs

Admin

HW & HCV Prevention 2015

Immunization (LPHUs) 2015

January 1, 2015 - December 31, 2015

Application Next Due: None
Progress Report Next Due: None

2015 Immunization LPHUs

Total Award: \$5,641.00
Spent to Date: \$5,641.00
Available to Date: \$0.00

HW & HCV Prevention 2015

1/1/2015 - 12/31/2015

Application Next Due: None
Progress Report Next Due: None

HW & HCV Prevention 2015

Total Award: \$10,000.00
Spent to Date: \$8,405.00
Available to Date: \$1,595.00

TB Surveillance 2015

1/1/2015 - 12/31/2015

Application Next Due: None
Progress Report Next Due: None

TB Surveillance 2015

Total Award: \$900.00
Spent to Date: \$900.00
Available to Date: \$0.00

Financial Summary

TB Surveillance 2015

Total: \$900.00
Spent: \$900.00
Available: \$0.00

North Dakota Program Reporting System

Welcome Tami (Log Out)

Central Valley Health District

Contractor Programs | Admin

Workflows

No Progress Report

No Application

Financials

Budgets

Reimbursement Requests

Check Out Financials

Financial Summary

TB Surveillance 2015

Total: \$900.00

Spent: \$900.00

Available: \$0.00

TB Surveillance 2015 Reimbursement Request

Enter the reimbursement request values for each budget category. You can save the reimbursement request at any time. After the reimbursement request is complete, click the "Submit" button to submit the reimbursement request.

Return to All Reimbursement Requests

Status: Approved by the Department on Jan 25, 2016 by Stephanie Rasmussen

Comments:

Contractor Name: Central Valley Health District

Grant: TB Surveillance 2015

Vendor Location Number: 4504-444

Contract Number: 8923-2015

Billing Period: 10/1/2015 - 12/31/2015

| Budget Category | Expenditures This Period | Cumulative to Date Expenditures | Approved Budget | Balance | Percentage Spent |
|------------------------------------|--------------------------|---------------------------------------|-----------------|----------|------------------|
| Personnel | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Private Benefits | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Travel, Food & Lodging | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Supplies | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Hand/Utilities | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Communications (Telephone/Postage) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Equipment (+\$3,000) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Consultant/Contractual | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Other 1 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Tuberculin Skin Test | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Other 2 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Latent TB Infection | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Other 3 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Other 4 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Other 5 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Contract Amount | \$48.27 | \$48.27 | \$900.00 | \$851.73 | 100.00% |
| Total | \$48.27 | \$48.27 | \$900.00 | \$851.73 | 100.00% |
| | | Less Reimbursement Requests submitted | | \$0.00 | |
| | | Balance Due: | | \$851.73 | |

Accounting Date: 1/26/2016

Contractor Approval

I certify that this request accurately reflects state and/or federal expenditures and/or non-federal cost share requirements are in accordance with an agreement between the above entity and the state department. I understand all supporting documents will be kept on file and available for audit.

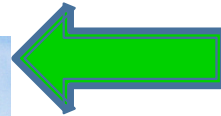
Contractor Approval: Tami Dillman, Finance Director

Date: 1/14/2016

Telephone: 701-255-8130



Goal: Implement PM at CVHD!



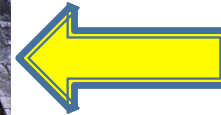
To HERE!

Three
required
components

Community health assessment

Community health improvement plan

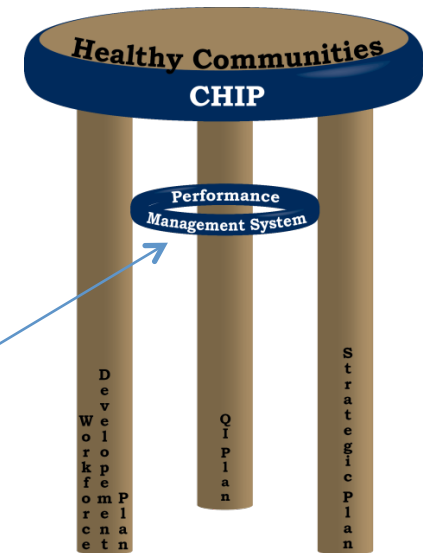
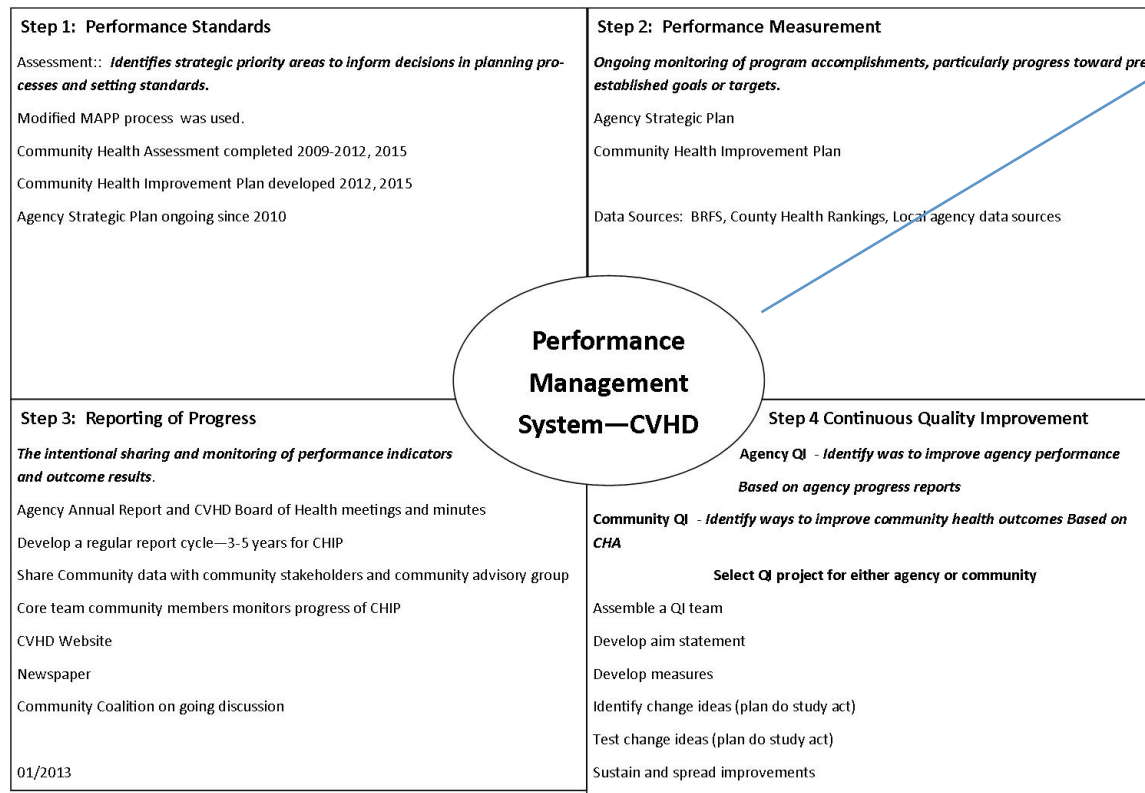
Agency strategic plan



Go from here

Our PM SYSTEM

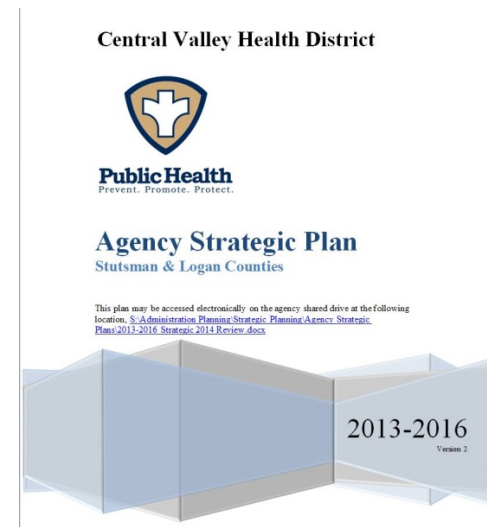
Central Valley Health District



1 –Performance Standards

Identify strategic priority areas to inform decisions in planning processes and setting standards.

- ▶ Agency Strategic Plan ongoing since 2010
- ▶ Community Health Assessment completed 2012 & 2015
- ▶ Community Health Improvement Plan developed 2012 & 2015
- ▶ Community Health Partnership since 2013



CVHD Strategic Plan

SWOT Analysis


| | |
|---|---|
| Strengths: <ul style="list-style-type: none"> BCBS Recess grants-Stutsman and Logan 2014 New Year New You-Cancer grant Logan County-Napoleon School-computerized access to weight room for community members Bone builders in Napoleon Centricity EMR Worksite wellness-Risk assessments-BMI EH inspections WIC, Family Planning Farmers Market, Bountiful Baskets | Weaknesses: <ul style="list-style-type: none"> Time constraints |
| Opportunities: <ul style="list-style-type: none"> TRAC-Two Rivers Activity Center Land Use Transportation Plan(CHP) Rural Communities providing opportunities –Gyms, walking, exercise clubs Community Resource List(Where you can walk, bone builders, Silver Sneakers-JRMC,Y, Anytime Fitness) | Threats: <ul style="list-style-type: none"> JPS budget cuts |

| Strategic Priorities: <ul style="list-style-type: none">• Increase awareness of value and role in public health in our community.• Focus public health practice to address the determinants of health. | | | | | | | | |
|--|--|----------------|----------|----|----|----|--|---|
| CHIP Alignment: Obesity and Physical Activity | | | | | | | | |
| Goal No. 3: Increase physical activity in our community. | | | | | | | | |
| Objective #1: To reduce obesity and increase physical activity in Stutsman and Logan counties by December 31, 2016. | | | | | | | | |
| | Strategies | Responsibility | Progress | | | | Metrics | Notes |
| | | | 13 | 14 | 15 | 16 | | |
| | Support school nursing activities through: <ul style="list-style-type: none">• Letters to parents regarding screenings | School Nurse | 1 | 1 | 1 | | Documentation of activities on file: Kindergarten Booklet | Logan County Recess Grant Community access to weight room at the school – Logan County |
| | Promote community awareness of healthy weight and physical activity levels through: <ul style="list-style-type: none">• Community coalitions• New Year New You• Worksite wellness services• Monitoring swimming and school facilities for safe recreational activities• Client assessments | All Staff | .5 | 1 | 1 | | Documentation of activities on file | Bone Builders Program – Logan County Two Rivers Activity Center Land Use Plan |
| | Client assessments and program education (added 2/2014) | Program Staff | – | .5 | 1 | | Program Policies | |
| | Support healthy nutrition through Bountiful Baskets, Farmers Markets, WIC, and Inspections (added 2/2014) | Program Staff | – | 1 | 1 | | Documentation of activities on file | |

Goals & Objectives

2016 – “Aspire” Surveys

[Exit this survey](#)



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Board “Aspire” - CVHD

2016 Governance Survey

The next step of our strategic planning process is to consider strategic aspects of our agency.

Governance – BOH

[Exit this survey](#)



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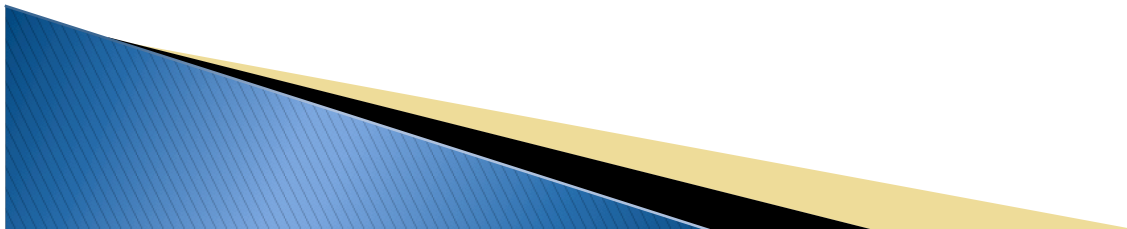
Central Valley Health District

Staff “Aspire” - CVHD

2016 Staff Survey

The next step of our strategic planning process is to consider strategic aspects of our agency.

Staff



2-Performance Measurement

Ongoing monitoring of program accomplishments, particularly progress toward pre-established goals or targets.

- ▶ Agency Strategic Plan
- ▶ Community Health Improvement Plan
- ▶ Data Sources: BRFs, County Health Rankings.
Local agency data sources

STUTSMAN COUNTY
COMMUNITY
HEALTH ASSESSMENT &
IMPROVEMENT PLAN

2015

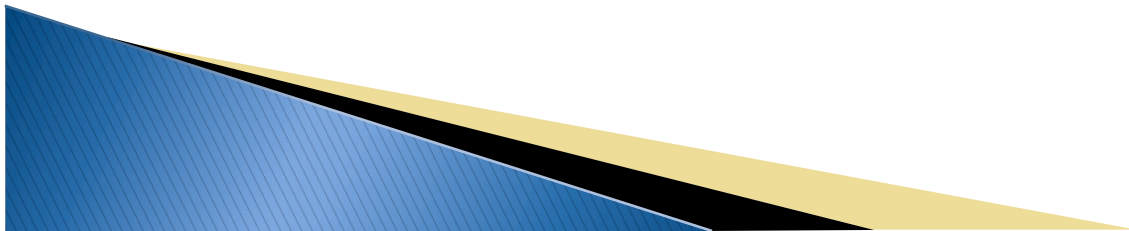


Vision: To be the healthiest communities in which to live, learn, work and play.

Community Health Partnership

Alpha Opportunities
American Heart Association
American Red Cross Buffalo Valley Chapter
Anne Carlsen Center
Ave Maria Village/Heritage Centre
Central Valley Health District
Child Care Aware (formerly Resource and Referral)
City of Jamestown
Community Action
Community Options
Department of Juvenile Services
Essentia Health
Eventide
Freedom Resource Center
James River Family Fitness
James River Senior Center
James Valley Career & Technology Center
Jamestown Ambulance
Jamestown City Council
Jamestown Parent Resource Center

Jamestown Parks and Recreation
Jamestown Police Department
Jamestown Public Schools
Jamestown Regional Medical Center
North Dakota Department of Health
North Dakota State Hospital
NDSU Extension
RSVP+
Safe Shelter
Salvation Army
Sanford Health
South Central Human Service Center
South East Education Cooperative
Stutsman County
Stutsman County Housing
Stutsman County Emergency Management
Stutsman County Sheriff's Office
Stutsman County Social Services
University of Jamestown



Vision

to be the healthiest communities in which to live, learn, work, and play.



www.chpstutsman.com • Facebook: Stutsman County Community Health Partnership



The purpose of the Community Health Partnership is to evaluate the health status of the community and help identify priority areas. Local agencies will then partner together to help improve the health of the community. The vision of the Community Health Partnership is to be the healthiest community in which to live, learn, work and play.

Priority Areas:

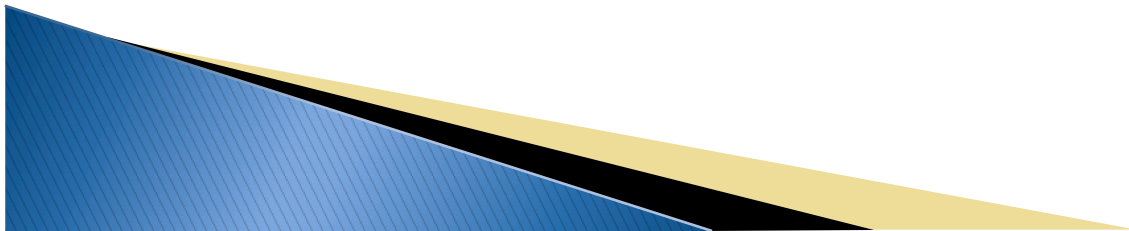
- **Obesity & Physical Activity**
Stutsman County will explore and develop opportunities that support residents in achieving increased physical activity
Performance Measures:
 - Active Community Health Partnership
 - Coordinate with New Year New You Challenge Coordinator
 - Encourage Community Input in Two Rivers Activity Center (TRAC)**Planning & Development**
- **Physical Environment - Not Enough Affordable Housing**
Attract and maintain adequate affordable housing in Stutsman County
Performance Measures:
 - Active Community Health Partnership
 - Coordinate with Stutsman County Housing Authority
 - Continue working with the North Dakota Housing & Finance Agency and the ND Legislature to develop and fund affordable housing programs
- **Access to Care - Cost & Adequacy of Health Insurance**
Explore insurance coverage among Stutsman County residents
Performance Measures:
 - Active Community Health Partnership
 - Coordinate with New Year New You Challenge Coordinator
 - Support Tobacco - Free Places
- **Employment - Workforce**
Explore and support efforts to increase the quality and availability of jobs in Stutsman County
Performance Measures:
 - Active Community Health Partnership

For more information, call Brittany Lipetzky, Community Health Coordinator at (701) 952-4796



Priority Areas

- ▶ Priority Area 1: Obesity and Physical Activity
- ▶ Priority Area 2: Physical Environment – Not Enough Affordable Housing
- ▶ Priority Area 3: Access to Care – Cost and Adequacy of Health Insurance
- ▶ Priority Area 4: Employment – Workforce
- ▶ Emerging Issues



WINS:

PRIORITY AREA:

PHYSICAL ACTIVITY & OBESITY

- ▶ NYNY Results showed improvement in all 15 healthy lifestyle behaviors of which included:
 - 51% of participants had a weight loss goal and over 445 pounds were lost
 - Minimum exercise recommendation was reached by 34% pre-challenge and 72% post challenge
 - Average consumption of 3 or more servings of fruit increased from 37.21% to 72.86%
 - Average consumption of 3 or more servings of vegetables increased from 39.54% to 70.92%
 - Decrease from 56.74% to 68.42% eating meals prepared outside the home each week
- Two Rivers Activity Center passed a special election vote to build a community recreational facility – breaking ground May 2016
- Grant applied for involving walkability in the community to include help in finishing and marking walking paths – March 2016



WINS:

PRIORITY AREA:

**PHYSICAL ENVIRONMENT – NOT
ENOUGH AFFORDABLE HOUSING**

- ▶ In Jamestown, housing is up to a 4% vacancy rate from 2%
- ▶ Are You Prepared Booklet mailed out 12/2015
- ▶ Bus stop to open



WINS:

PRIORITY AREA:

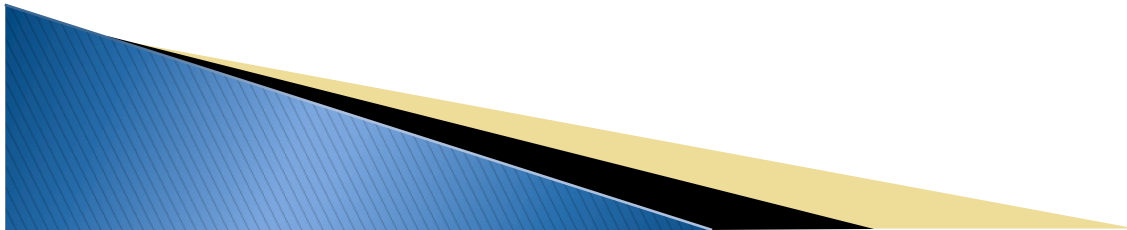
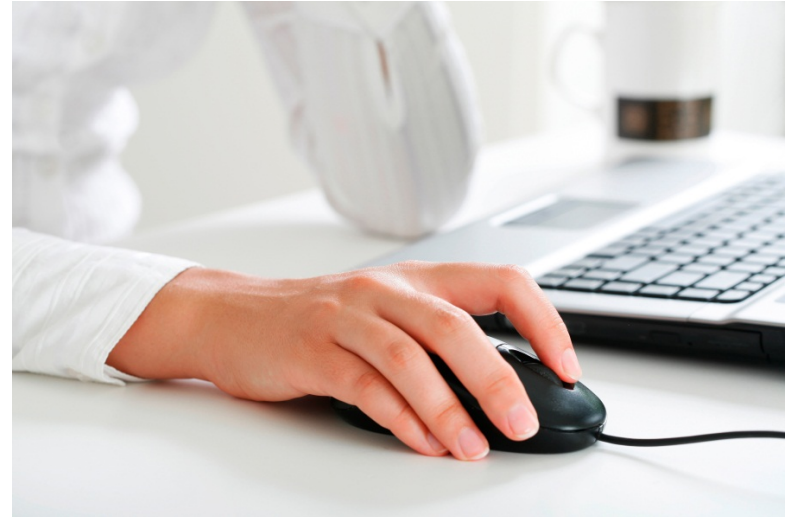
**ACCESS TO CARE – COST & ADEQUACY OF
HEALTH INSURANCE**

- ▶ JRMC new providers
 - Urology (first time ever in the community)
 - Wound Center
 - Foot & Ankle Surgeon
 - Orthopedic Surgeon (August 2016)
 - OB/GYN (2016)
- ▶ Sanford to provide family practice in Edgeley Clinic 3 days a week
- ▶ Essentia: same day clinic open
- ▶ Sanford: video visit
- ▶ Chiropractors certified to do DOT physicals
- ▶ Central Valley Health extends hours for flu shots
- ▶ JRMC: Joint Commission top performer
- ▶ South Central Human Services Center: acute counseling (open access) just opened
- ▶ American Heart Association: been funded for CDC grant working with healthy food & drink choices



WINS:
PRIORITY AREA:
EMPLOYMENT – WORKFORCE

- ▶ Land use and Transportation
- ▶ Stutsman County Social Services: almost have a full staff
- ▶ NDSU Extension: Nourishing Boomers and Beyond has been recognized nationally
- ▶ Law Enforcement: full staffed for the first time in a few years
- ▶ Sheriff's Dept: fully staffed



Emerging Issues

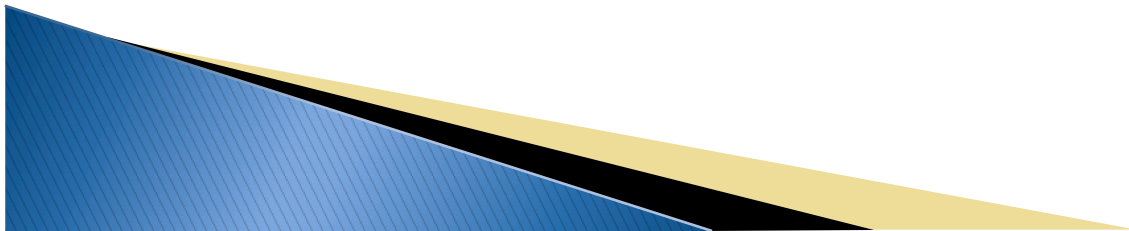
- ▶ What the CHP is Discussing:
 - Being flexible and proactive to emerging issues
 - Championing economic growth
 - Access to care
 - Public Transportation
 - Housing
 - Workforce
 - Infrastructure



Emerging Issues

HOW WE CAN SUPPORT EACH OTHER:

- ▶ State Pilot Programs
- ▶ Recruitment of new members
- ▶ Retention of current members
- ▶ Received Child Abuse Prevention Grant: will use this to disburse brochures, blue pinwheels for the Art Park in Jamestown




3–Reporting of Progress


The intentional sharing and monitoring of performance indicators and outcome results.

- ▶ Agency Annual Report and CVHD Board of Health meetings and minutes
- ▶ Develop a regular report cycle—3–5 years for CHIP
- ▶ Share Community data with community stakeholders and community advisory group
- ▶ Core team community members monitors progress of CHIP
- ▶ CVHD Website, Newspaper, Community (CHP)





CVHD Annual Report:



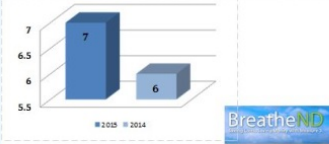


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Central Valley Health District

Central Valley Health District Annual Report 2015

Tobacco Prevention & Policy Control Comprehensive School Policies

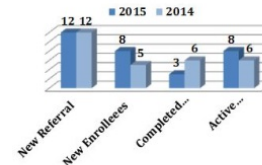


The Tobacco Prevention and Policy Control Program works with 3 major goals: preventing initiation—school policies, and business compliance; eliminating secondhand smoke exposure—business compliance, and multi-unit housing; and promoting quitting—Ask, Advise and Refer education with clients of health care facilities.

Baby And Me Program Participant Numbers



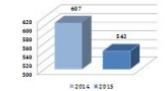
Vouchers Distributed:
2014 — 60
2015 — 33



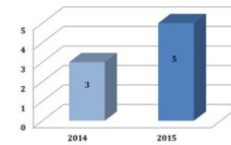
Since 2008, we have had:
• 32 Graduates
• 80 Participants
• 136 Referrals

12

WIC Program Unduplicated Participants

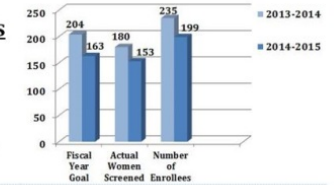


WIC follows the Federal fiscal year of October 1st through September 30th.



SART Program Forensic Exams

Women's Way



13

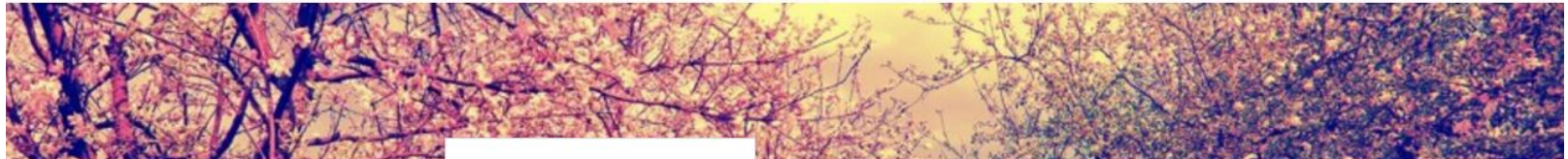
Report Fiscal Status and
Program Progress



Community Health Partnership

To be the healthiest community in which to live, learn, work and play.

[About](#) / [CHP Meetings](#) / [Contact](#) / [Partners](#) / [Programs](#)



Teens Who Vape are More Likely to Later Try Real Cigarettes

ON FEBRUARY 5, 2016 / BY CHPJAMESTOWN
/ IN UNCATEGORIZED / LEAVE A COMMENT

This information comes from the North Dakota Department of Health monthly Health Alert.

In 2015, Theresa Willis walked into a high school in Emswold to distribute surveys, and was surprised to find students in vaping in class. Back then, he said, only a handful of students were smoking electronic cigarettes – a year later, nearly 50 percent of Emswold high school students had tried them at least once.

That reflects a broader national trend, a 2015 survey by the Centers for Disease Control and Prevention reported that a million high school students used e-cigarettes at least once in the past month. But that trend might have a worse outcome: "Teens who start with e-cigarettes are more likely to later smoke cigarettes," Willis's group had found.

In the study, Willis followed more than 2,000 high school students for a year. Teens who had never used e-cigarettes at the beginning of the study had a 5% likelihood of becoming smokers a year later. Willis found that correlation held true even when he controlled for factors like age, gender, parental education, and self-confidence. The findings were published Monday on the BMJ.

The research comes from the results of another study, which found that e-cigarettes use correlates with a subsequent cigarette smoking addiction. One caveat, however: some individuals who started smoking e-cigarettes might have become smokers later anyway, regardless of their e-cigarette usage. But Willis said that controlling for information about students' demographics, personality, and upbringing, which he did, should mitigate that effect.

Many of the health impacts of e-cigarettes are not well understood. That has led politicians to call for laws against e-cigarettes sales to minors.

But e-cigarettes can have benefits too, said Dr. Brian Primack, a professor and clinician at the University of Pittsburgh not involved with this study.

"You're not seeing adults who are able to cut down on the number of cigarettes they smoke because of e-cigarettes," Primack said. "In a lot of ways we have to be able to celebrate that and encourage that. On the other hand, I've also seen in my clinical practice a lot of people who start using e-cigarettes to try to stop smoking, and they end up just smoking more."

The next step for Willis's group is answering the question of why students who vape are more likely to become smokers. He said that he has some preliminary results that show that e-cigarettes use produces positive attitudes toward smoking, which he will be presenting at a conference next year.

Study Finds Some E-Cigarettes Contain Enough Alcohol to Affect Motor Skills

Some types of e-cigarettes contain enough alcohol to affect motor skills, a new study concludes. E-cigarettes deliver nicotine by vaporizing liquids, which may contain alcohol and other chemicals.

Yale University researchers tested people who used two commercially available e-cigarettes with either high or low amounts of alcohol. Neither group said they felt differently after they inhaled the vapor. But those who used e-cigarettes with high alcohol levels performed more poorly on performance tests. In some cases, they had detectable levels of alcohol in their urine.

Search ...

RECENT POSTS

Teens Who Vape are More Likely to Later Try Real Cigarettes

25% of Vape Users
Feature Smoking

'Dewchick': What You Need to Know About the Healthy Soda Connection

Understanding Your Influence: Your Drink is Designed

North Dakota DHS Brain Injury Polym Training Series

MEETING TIMES

122 2nd St NW, Jamestown, ND 58401
701-952-4795
Meetings are 12-1pm at Central Valley Health

January 14, 2016
February 11, 2016
March 10, 2016
April 14, 2016
May 12, 2016

LIKE US ON FACEBOOK!

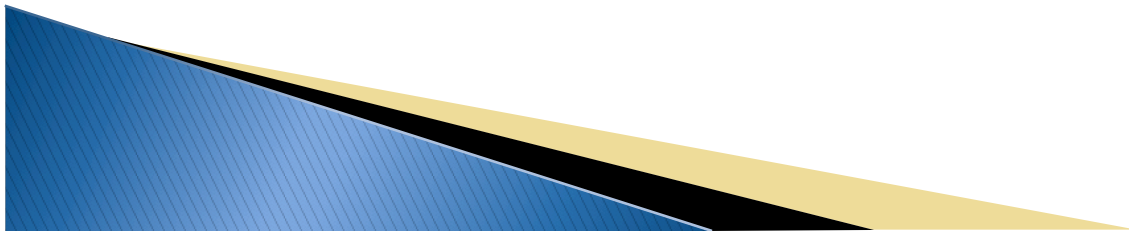
Stutsman County Community Health Partnership
Be the best of your friends
Stutsman County Community Health Partnership
added a new photo
February 19 at 2:55pm

<http://chpstutsman.com/>

4–Quality Improvement

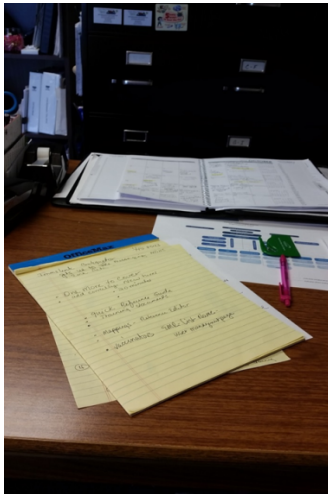
Agency QI – *Identify ways to improve agency performance*

- ▶ *Based on agency progress reports*
- ▶ *Community QI – Identify ways to improve community health outcomes Based on CHA*
- ▶ *Select QI project for either agency or community*
- ▶ *CVHD QI Team*



We've come a LONG way!

The OLD way..



PLAN Identify an opportunity and Plan for Improvement

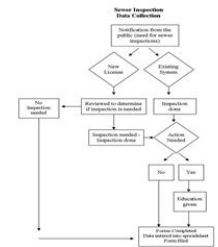
1. Getting Started
From a self assessment, the Central Valley Health District discovered that it was missing key information regarding environmental health data collection. It was narrowed down to sewer inspection data being the main priority.

2. Assemble the Team
Due to the nature of the project our environmental health staff was chosen, but we also wanted many perspectives so personnel from other program areas were chosen including finance, nursing, and reception.

3. Examine the Current Approach
A flow chart was created to demonstrate the current way data is being collected. It was determined that the proper forms, filing systems, and coordination among staff was needed to obtain the proper data.

- 4. Identify Potential Solutions**
- Purchase a computer program to log data for EH services
 - Organize EH forms and records so data is accessible
 - More staff understanding EH documentation
 - Assign a secretary to capture EH data
 - If personnel understand what an inspection is – new vs. existing - the correct documentation will happen.

5. Develop an Improvement Theory
By understanding the inspection process and defining what documentation is needed along with a computerized tracking log data collection of sewer inspections will improve.



DO Test the Theory for Improvement

6. Test the Theory
The team decided to integrate a hybrid filing method that included both paper and electronic filing. The team organized the files by year and county, both electronically and physically. In addition, new forms and collection methods were developed.

CHECK Use Data to Study Results of the Test

7. Check the Results
Overall, the data collection and integration went well and is working well at CVHD. In order to test the

productivity and the success of the program, graphical pie charts were developed. The pie charts illustrate the improvement that was made by implementing this process. One can see that from the onset of the project, very little records were kept pertaining to the installation and inspection of on-site sewer systems to the conclusion of the project where 80-100% of on-site installation and inspections were recorded.

ACT Standardize the Improvement and Establish Future Plans

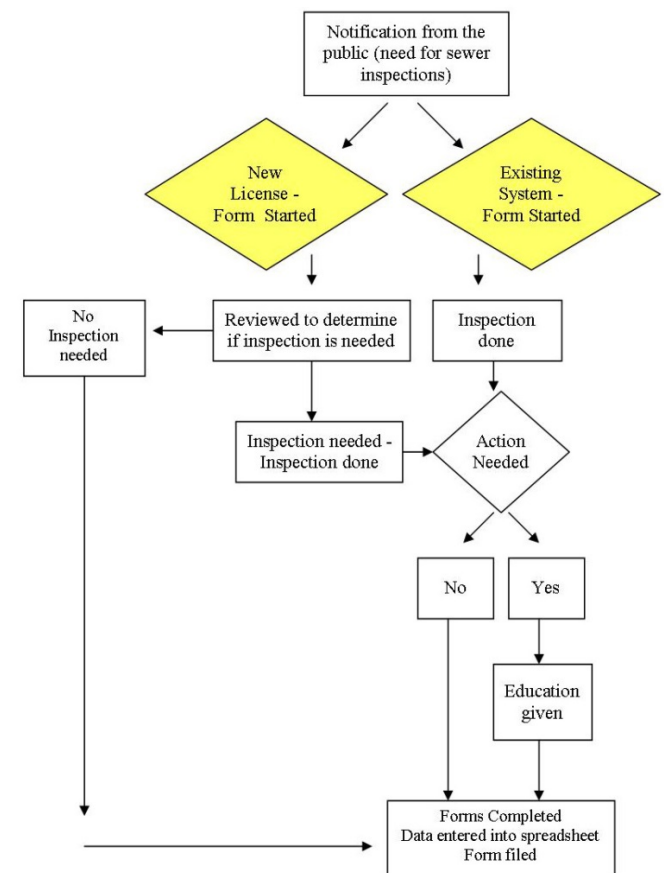
8. Standardize the Improvement or Develop New Theory
Standardize the Improvement

- Continue to refine current computer program
- Standardize the program, so that all team members are educated on how it works
- Update both the electronic and physical files weekly, so that a backlog of files is not created

9. Establish Future Plans
Working with other staff members, expand this new system into other programs as needed.

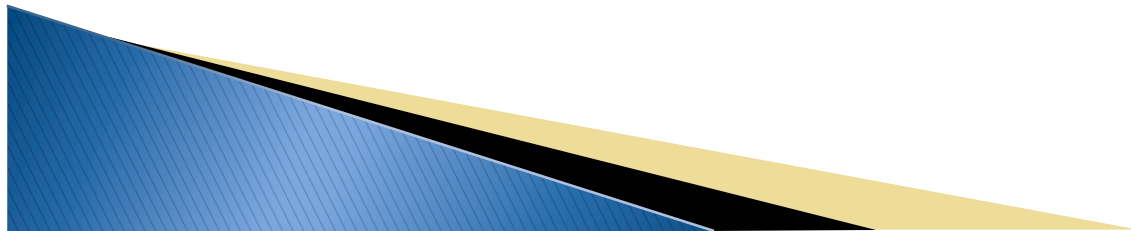
The NEW way...

Sewer Inspection Data Collection



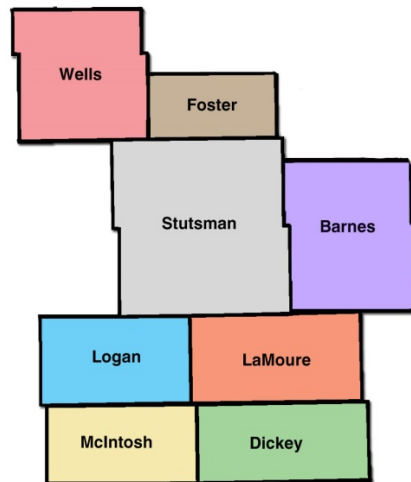
Environmental Complaints and Consultations

| Initials | Date Received | Property Address | Phone Number | Type | Additional Information | Date Complete | Phone Call/Visit | Further Action | County | Status | | |
|----------|---------------|------------------|--------------|-------------|---------------------------------------|---------------|------------------|--|----------|--------------------|--|--------------------|
| mb | 5/1 | | | Nuisance | abatement | 5/1 | visit | provided ordinance info | Wells | Completed | | Completed |
| mb | 5/2 | | | Septic | sizing question | 5/2 | phone call | | LaMoure | Completed | | Awaiting response |
| mb | 5/2 | | | Foodservice | | | phone call | called FDA if license will look into it | Barnes | Completed | | Future to Complete |
| mb | 5/2 | | | Septic | inspection process | 5/5 | phone call | | Barnes | Completed | | |
| mb | 5/2 | | | Septic | | 5/5 | phone call | | Barnes | Completed | | |
| mb | 5/5 | | | Nuisance | | 5/5 | phone call email | emailed references | Stutsman | Completed | | |
| mb | 5/5 | | | Septic | | 5/5 | phone call/email | | Barnes | Future to Complete | | |
| mb | 5/5 | | | Childcare | looking set up migrant hs for summer | | phone call | will look into what type licensure | Dickey | Completed | | |
| mb | 5/5 | | | Pool | w womens failed stp | | phone call | left msg follow procedure 6/16 passed | Stutsman | Completed | | |
| ak | 5/5 | | | Foodservice | questions on food code | 5/5 | phone call/email | sent resources and posters | Stutsman | Completed | | |
| mb/ak | 5/5 | | | Tanning | moving 3 beds from lower level to top | | phone call | advised to call when completed (end of June for flv visit) | Barnes | Awaiting response | | |
| ak | 5/6 | | | Foodservice | flv visit | 5/6 | visit | | Stutsman | Completed | | |
| ak | 5/7 | | | Septic | | | phone call | | Wells | Future to Complete | | |
| mb | 5/6 | | | Septic | bridgecity | | phone call | | Barnes | Future to Complete | | |
| mb | 5/6 | | | Nuisance | mold | 5/6 | phone call | | Stutsman | Completed | | |
| mb ak | 5/7 | | | Nuisance | complaint fertilizer culvert to river | 5/7 | phone call visit | sent information to joe nett nddoh | Stutsman | Completed | | |
| mb | 5/7 | | | Foodservice | | 5/7 | email | sent state license holder | Barnes | Completed | | |
| ak/mb | 5/5 | | | Nuisance | garbage accumulation | 6/4 | letter sent | 5/8 letter mailed, 6/4 drove by pile cleaned up | Stutsman | Completed | | |
| mb/ak | 5/8 | | | Nuisance | mold info | 5/9 | phone call | mailed info | Stutsman | Completed | | |
| ak | 5/9 | | | Foodservice | purchased unit would like to license | 5/9 | phone call | provided F&L info | Stutsman | Completed | | |
| mb | 5/9 | | | Septic | failed see 04-141 | | visit | 5/14 called list installers | Barnes | Future to Complete | | |



Southeast Central Regional Public Health Network

- In 2012, the SE Central Region came together to establish the SE Central Regional Network.
- Seven local public health units covering 9,866 square miles.
- 21.2% of the population is over age 65, compared to the U.S. population, with 13.2% over age 65.
- 35 public health staff whose job it is to provide strong public health infrastructure to prevent disease, promote health and wellness, and protect the public from hazards and disasters
- **GOAL:** Formalize collaboration to increase efficiency



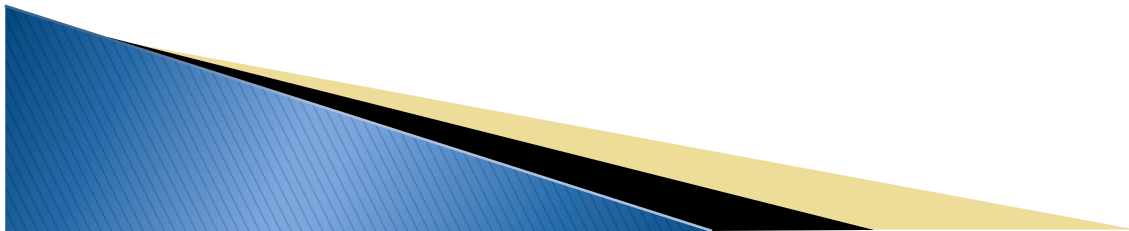
Serving
53,996
people



Average years working
in Public Health = 11.3

Our Process

1. Reviewed local county health profile data
2. Completed a gap analysis, which included PHUNDS
3. Worked with national consultants from the Public Health Foundation and Louisiana State University
4. Completed Quality Improvement and Performance Management trainings
5. Considered findings of the gap analysis report
6. Conducted a cost benefit analysis of programs and services
7. Identified the local data that could be measured frequently and regularly (more than once every year or two years)
8. Reviewed the the North Dakota Department of Health (NDDoH) Performance Measures/Indicators
9. Create a QI plan
10. Create a work plan
11. Sign a Joint Powers Agreement

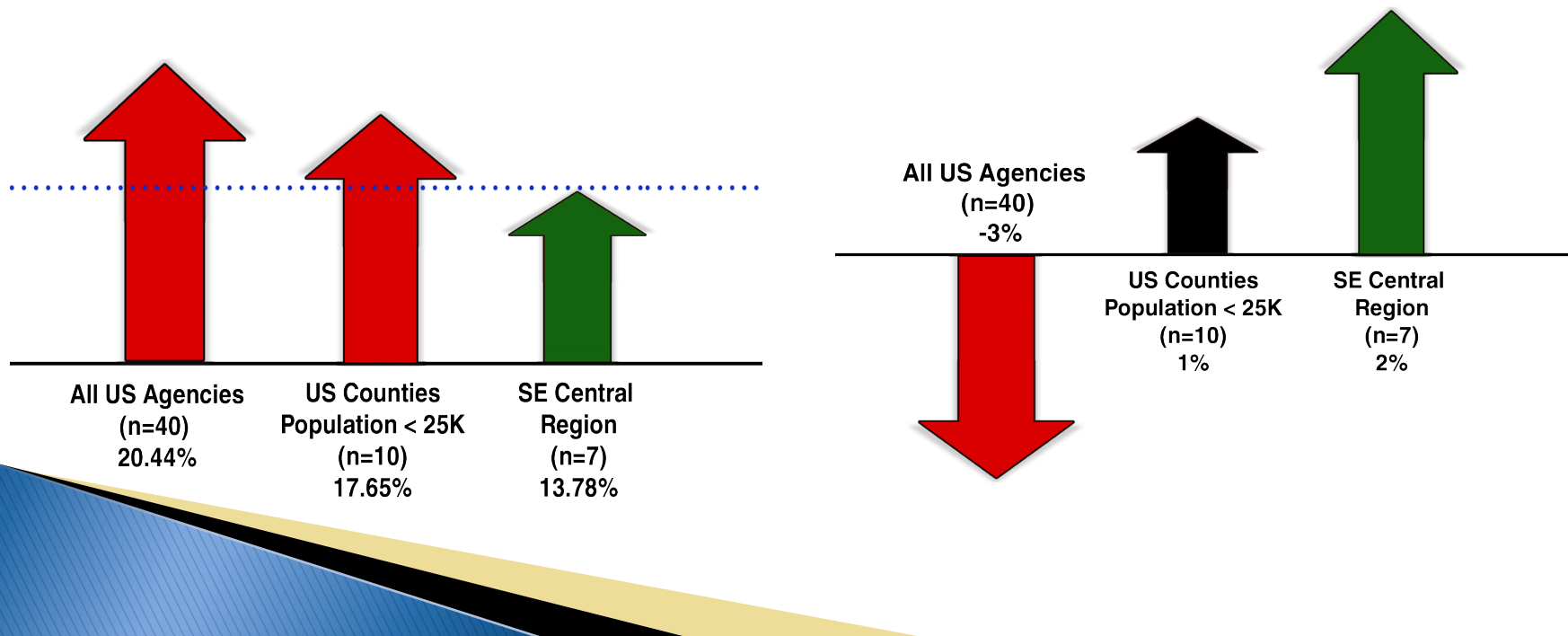


Demonstrated Financial Efficiency

“Public dollars are used very efficiently by the health units in the SE Central Region.” Peggy Honore’, Public Health Consultant

Administrative expenditures of less than 15 percent is a financial efficiency benchmark.

Total margin benchmark is a positive difference between annual revenue and expenditures



Southeast Central Regional Network

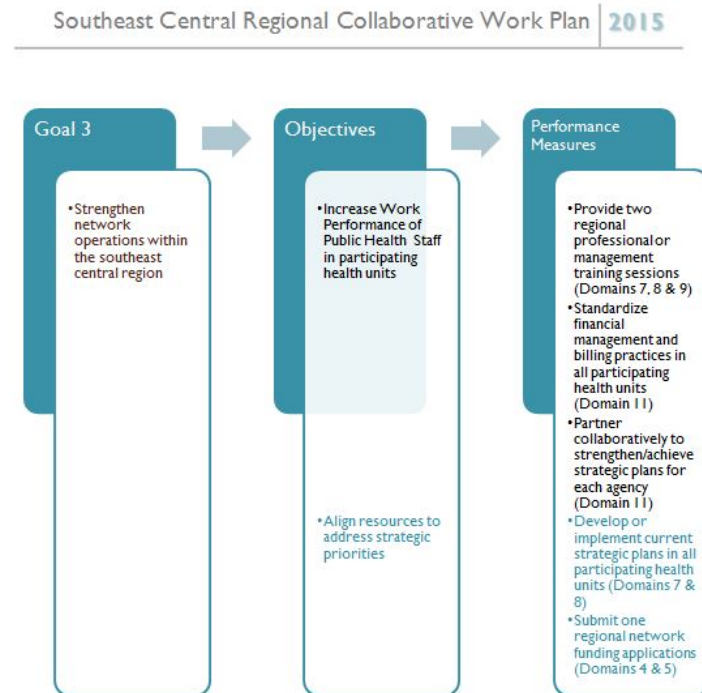
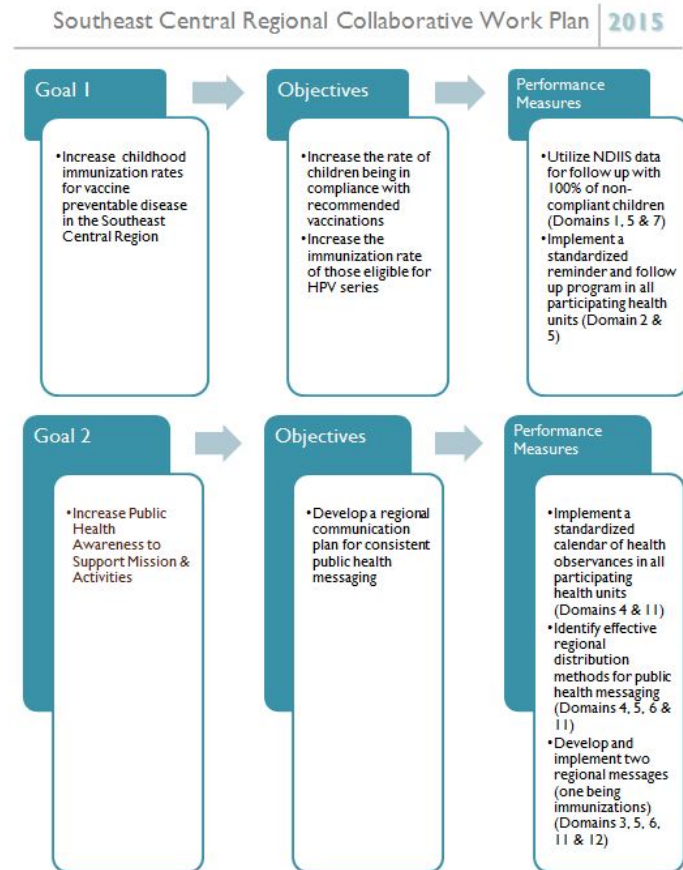


PHF Performance Management
System Training – June 2014

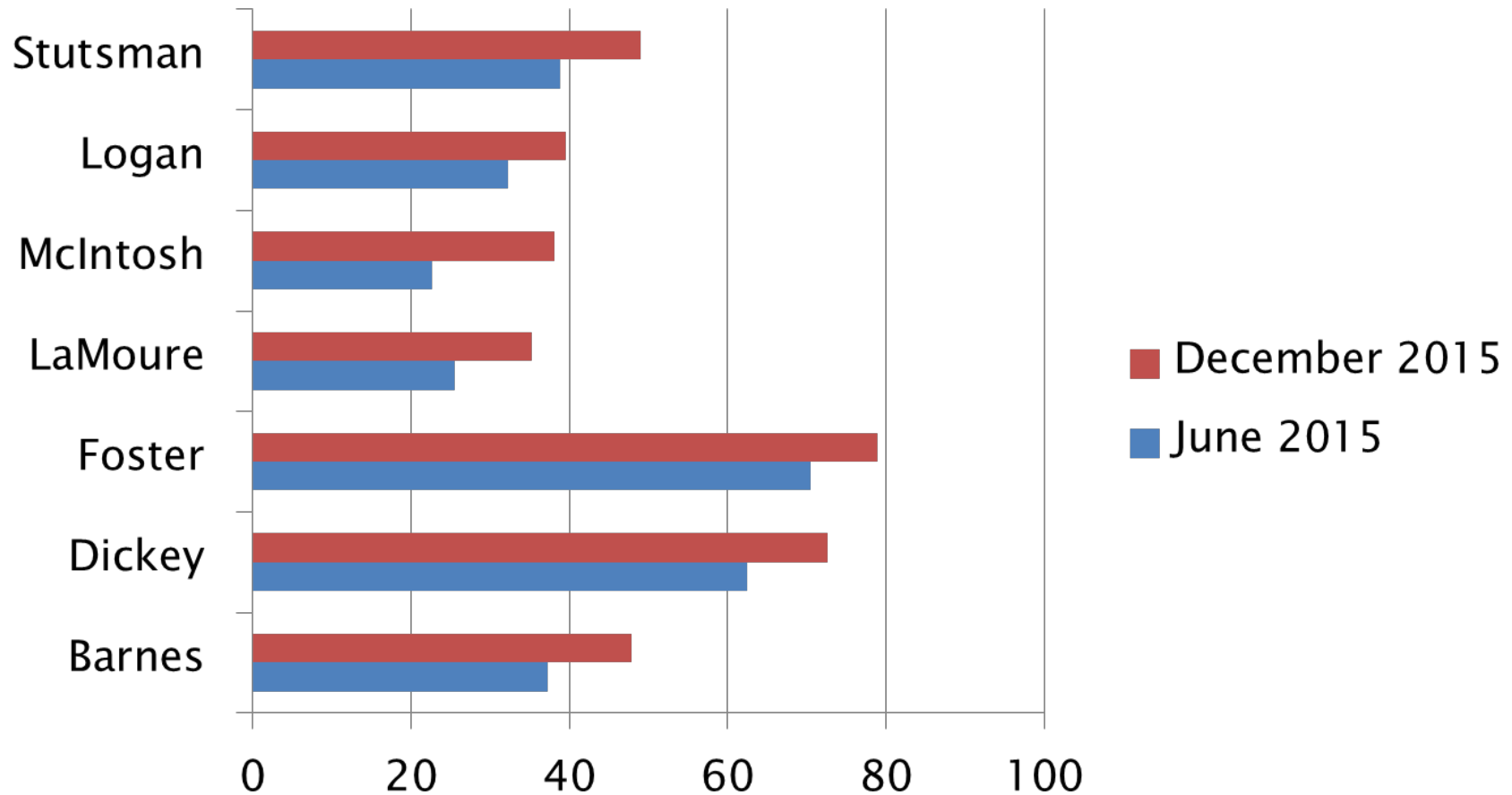


Regional Network Signing of
Joint Powers Agreement –
November 2015

Performance Measurement – Regional Network Annual Work Plan:



Regional Immunization Compliance Rate Progress



It IS Possible!





Public Health
Prevent. Promote. Protect.

Central Valley Health District

Tami Dillman, MBA

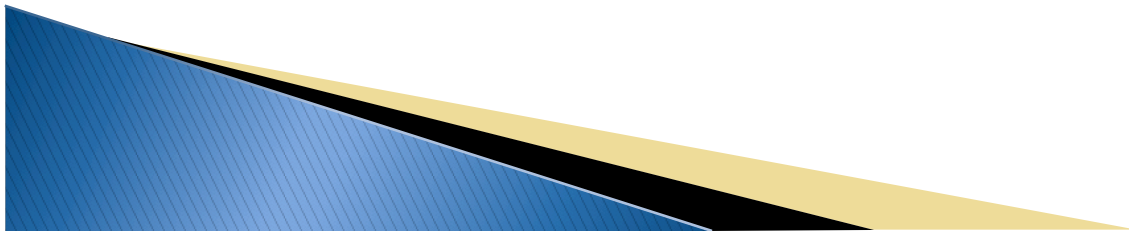
122 2nd St NW

Jamestown, ND 58401

Phone: 701-952-8184

Fax: 701-252-8137

Email: tdillman@nd.gov





PERFORMANCE MANAGEMENT (PM) HOUSTON HEALTH DEPARTMENT (HHD)



Robert Hines, MSPH, HHD Accreditation Coordinator

ABOUT HOUSTON

| | |
|----------------------------------|---------------------|
| POPULATION ¹ : | 2,099,451 |
| LAND AREA ¹ : | Approx. 600 sq. mi. |
| HARRIS COUNTY POP ¹ : | 4,092,459 |
| POPULATION SERVED: | 2.2 million |
| TOTAL EMPLOYEES: | 1,080 |
| PHAB ACCREDITED: | December 12, 2014 |



¹ DATA SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS SUMMARY FILE



PERFORMANCE MANAGEMENT

EVOLUTION BASELINE

- 1 No formal structure, some programmatic methods of PM tracking
(e.g., funding requirements)
- 2 Very little awareness of PM
Generally, perceived connection was employee evaluation

GOAL

- 1 Formalized structure encouraging employees to facilitate their own performance management and growth
- 2 Department as a whole to be aware and excited about PM



ADDRESSING EMPLOYEE PERCEPTION

TURNING POINT ASSESSMENT

- Determine a baseline
- Gain an understanding of employee knowledge, experience, and awareness
- Identify best approach for engaging

TRAINING

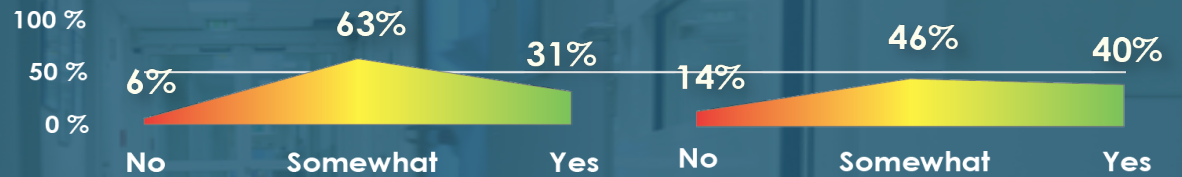
- Addressing employee perception
 - more often than not, it is perceived negatively
- 

SELF ASSESSMENT

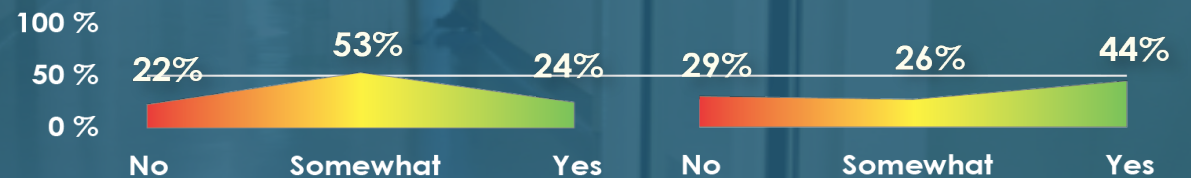
2011

2012

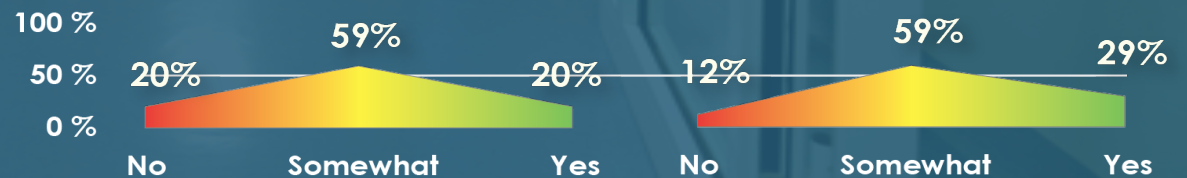
Do you have a process(es) to improve quality or performance?



Is there a regular timetable for your QI process?



Does staff have the authority to make certain changes to improve performance?

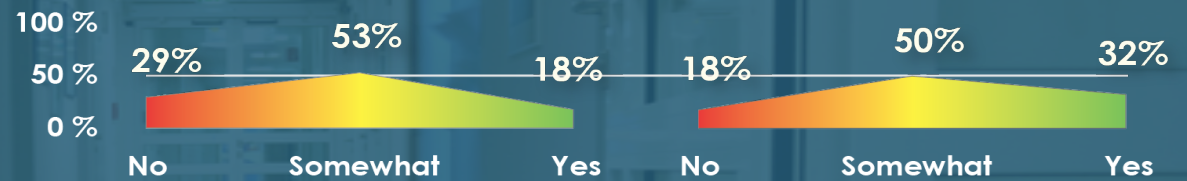


SELF ASSESSMENT

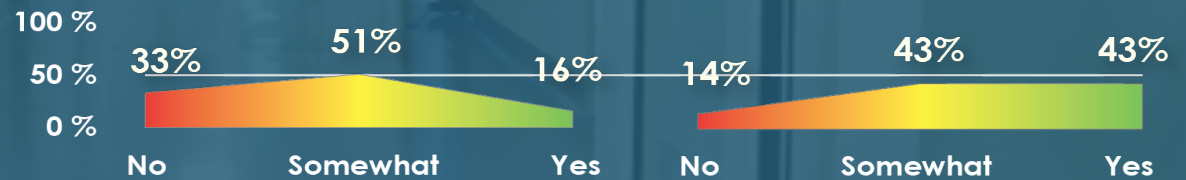
2011

2012

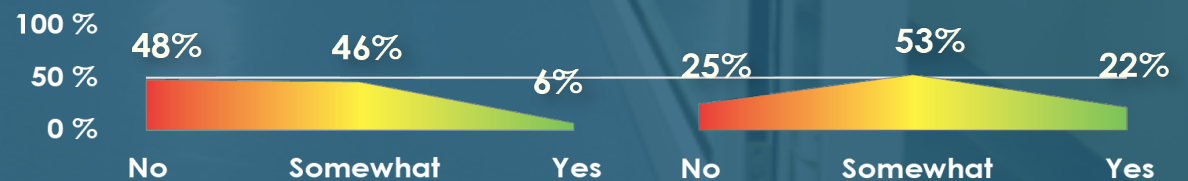
Is there a process or mechanism to coordinate QI efforts among programs, divisions, or organizations that share the same performance targets?



Is QI training available to managers and staff?



Are personnel and financial resources allocated to your QI process?



INITIAL REACTIONS TO QI

FEAR AND LOATHING



- Common reaction
- Fear: threat to job stability
- Fear: more work
- Fear: it will (or won't) change the status quo

CONFUSION



- Poor understanding of accreditation and QI
- Lack of awareness of the need or purpose for accreditation or QI

DISINTEREST



- Lack of understanding of relationship between accreditation and work
- Expectation (real or perceived) that there isn't enough high level support

ADDRESSING REACTIONS TO QI

FEAR AND LOATHING



- Stress value of grass-roots ownership
- Do not portray QI as a mandatory initiative

CONFUSION



- Addressed by Education (Training on what QI is and its value)
- Provide examples of successful project

DISINTEREST



- Addressed by Education (Training on what QI is and its value, 10 Essential PH services)
- Stress Leadership role
- Provide examples of successful projects



HIGHLIGHTS

RESOURCES THAT WORK

KLIPFOLIO

INTERNAL,
CENTRAL
TRACKING TOOL

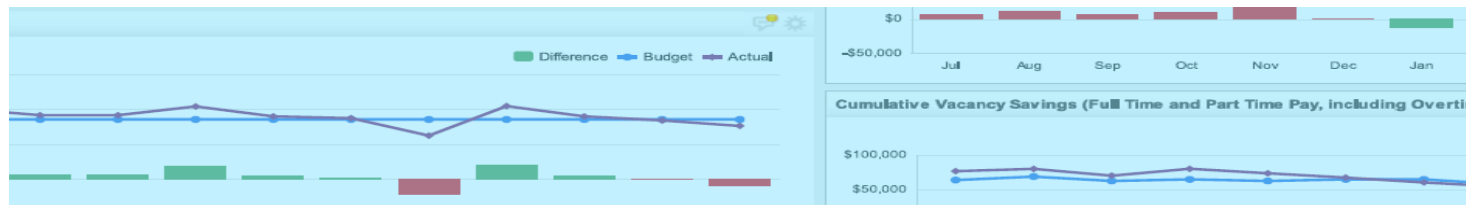
HEALTHY COMMUNITIES INSTITUTE (HCI)

COLLABORATIVE,
EXTERNAL
TRACKING TOOL

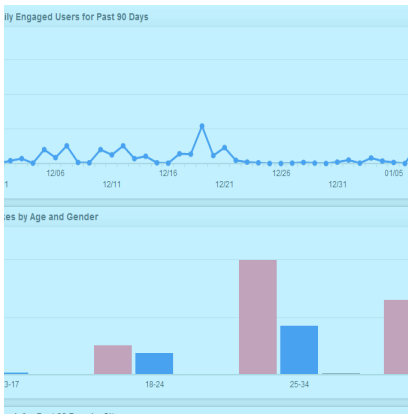
KLIPFOLIO

“An online dashboard platform for building powerful real-time business dashboards for team or clients”

- Started with counts and measures
- Became more sophisticated with developing measures and actual performance targets
- Added STRAT and CHIP objectives later



KLIPFOLIO



UTILITY

User friendly
Does not require
much technical
expertise

COST

**Affordable (\$20/
user/month)**
Doesn't require
much storage
space

ADMIN

Flexible
Easy to modify in-
house

General Fund

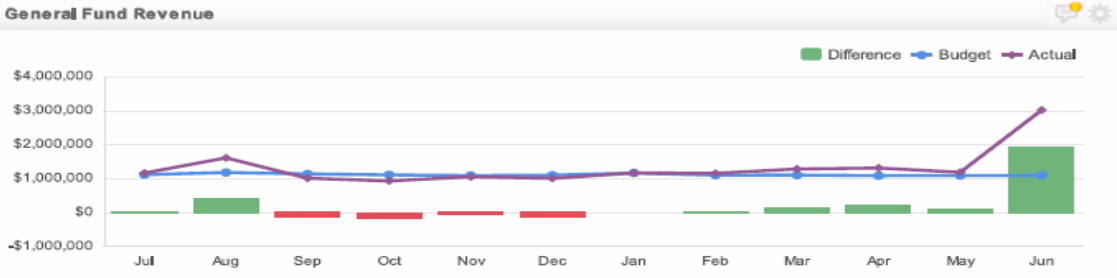
Choose your Fiscal Year:

Fiscal Year:

FY 2013

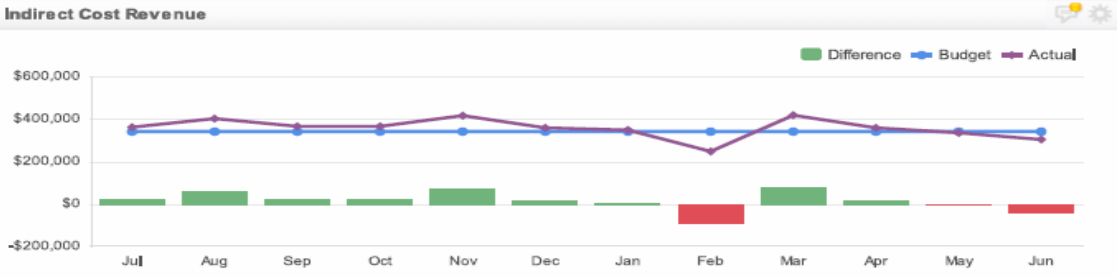
General Fund Revenue YTD

| vs. Budget | Over/(Under) by | Budget | Actual | Encumbrance |
|------------|-----------------|--------------|--------------|-------------|
| ▲ | \$2,517,921 | \$13,369,500 | \$15,887,421 | \$0 |



Indirect Cost Revenue YTD

| Revenue Source | vs. Budget | Over/(Under) by | Budget | Actual |
|------------------------|------------|-----------------|-------------|-------------|
| Indirect Cost Recovery | ▲ | \$187,263 | \$4,100,000 | \$4,287,263 |



Garage Parking YTD

| Revenue Source | vs. Budget | Over/(Under) by | Budget | Actual |
|----------------|------------|-----------------|-----------|-----------|
| Garage Parking | ▲ | \$9,431 | \$146,000 | \$155,431 |

Garage Parking Revenue

Choose your Division:

Division:

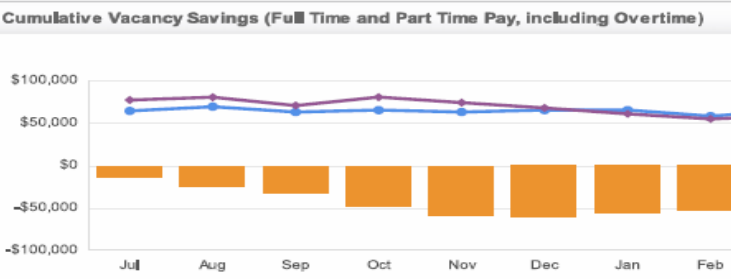
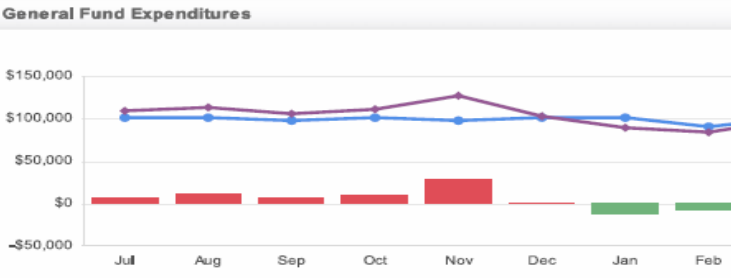
Director's Office

General Fund Expenditures YTD

| vs. Budget | Over/(Under) by | Budget | Actual |
|------------|-----------------|-------------|-------------|
| ▲ | \$114,821 | \$1,189,733 | \$1,304,554 |

Expenditures by Category YTD

| Fund | vs. Budget | Over/(Under) by | Budget |
|-----------|------------|-----------------|-------------|
| Personnel | ▲ | \$111,359 | \$1,051,610 |
| Supplies | ▼ | (\$1,265) | \$8,595 |
| Services | ▲ | \$4,787 | \$128,928 |
| Non Cap | ▼ | (\$61) | \$600 |
| Cap Purch | ▼ | \$0 | \$0 |

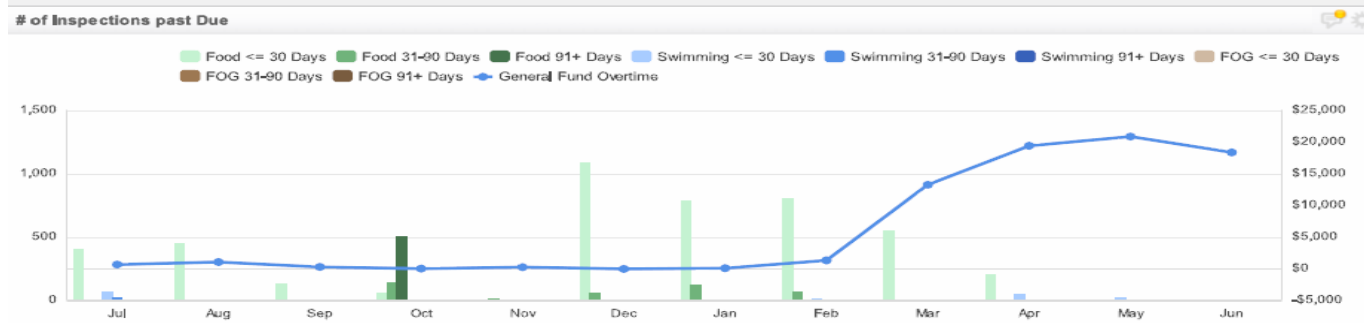


Personnel Expenditures

| Project | Completion Date/Due Date | Status |
|---|--------------------------|--------|
| CLINICAL MANAGEMENT INFORMATION SYSTEM (CMIS) | TBD | ● |
| PHARMACY INVENTORY SYSTEM | TBD | ● |
| MAVEN HIV/STD/STATE MODEL | On Hold | ● |
| ENVIRONMENTAL LAB SYSTEM | 10/14/2013 | ● |
| TEXAS PUBLIC HEALTH RISK ASSESSMENT TOOL | 10/1/2013 | ● |
| MOBILE DEVICE MANAGEMENT | 9/30/2013 | ● |
| LAB ORDER ENTRY (LOE) ROLLOUT | 9/2/2013 | ● |
| SEE TO SUCCEED WEB REG AND REPORTING | 8/31/2013 | ● |

| Disease Surveillance Statistics | | | | | | | |
|---------------------------------|--|----------|-------------|-----------|------------|--------|--------------------|
| Unit | Indicator | Baseline | Monthly Avg | Total YTD | Total PYTD | Status | 12 Month Trendline |
| General Surveillance | Total Number of Cases Reported Monthly | TBD | 1,945 | 23,338 | n/a | ● | |
| HIV Surveillance | Total Number of Cases Reported Monthly | TBD | 159 | 1,911 | n/a | ● | |
| STD Surveillance | Total Number of Cases Reported Monthly | TBD | 2,690 | 32,285 | n/a | ● | |

| Environmental Health | | | | | | | |
|----------------------------------|--|-----------------|-------------|-----------|------------|--------|--------------------|
| Unit | Indicator | Target | Monthly Avg | Total YTD | Total PYTD | Status | 12 Month Trendline |
| Food Establishment Inspections | Total Facility Inspections/ Investigations | 30,737 Annually | 2,701 | 32,409 | 43,057 | ● | |
| Swimming Pools Inspections | Total Facility Inspections/ Investigations | 5,043 Annually | 470 | 5,641 | 5,021 | ● | |
| Fats Oils and Grease Inspections | Total Facility Inspections/ Investigations | 21,940 Annually | 2,365 | 28,376 | 12,092 | ● | |



| Special Initiatives | | | | | | | |
|---------------------------------|-----------------|-----------------|-------------|-----------|------------|--------|--------------------|
| Unit | Indicator | Target | Monthly Avg | Total YTD | Total PYTD | Status | 12 Month Trendline |
| Kids Vision for Life / OneSight | # of Encounters | 10,550 Annually | 1,450 | 8,084 | 6,276 | ● | |
| Future | # of Clients | 7,000 Annually | n/a | 6,550 | 6,072 | ● | |



TB: Average % of Clients Completing Directly Observed Therapy



Average % of Outbreaks and Special Investigations Responding to Defined Guidelines



Food: Average Routine Facility Inspections per Sanitarian per Day

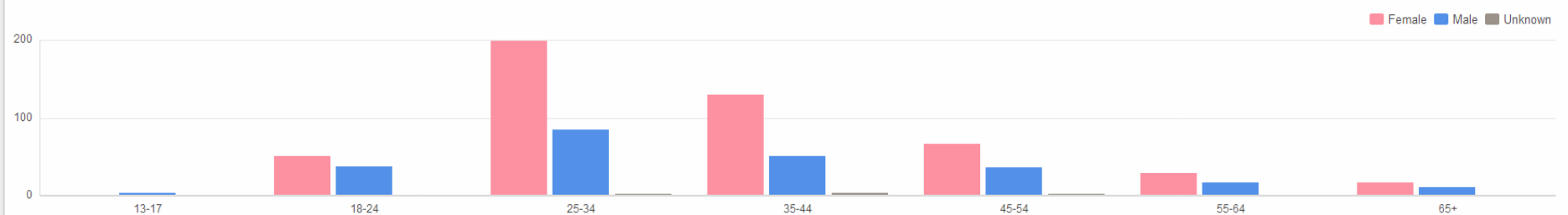


Swimming Pools: Average Inspections per Inspector per Day

HDHHS Facebook Daily Engaged Users for Past 90 Days



HDHHS Facebook Likes by Age and Gender



HDHHS Facebook Reach for Past 30 Days by City

| Rank | City | Reach |
|------|-------------------------------|-------|
| 1 | Houston, TX | 6,954 |
| 2 | Quezon City, Philippines | 328 |
| 31 | Makati, Philippines | 15 |
| 5 | Pearland, TX | 175 |
| 10 | Manila, Philippines | 104 |
| 24 | Tomball, TX | 31 |
| 4 | Austin, TX | 198 |
| 9 | Atlanta, GA | 117 |
| 6 | Spring, TX | 145 |
| 14 | Monterrey, Nuevo Leon, Mexico | 89 |

HDHHS Facebook Likes by Language


| Language | Likes |
|--------------------|-------|
| English (American) | 705 |
| Spanish | 22 |
| English (British) | 12 |



HEALTHY COMMUNITY INSTITUTE

HCI

“Web-based platform which enables local public health departments, hospitals and community coalitions to measure community health, share best practices, identify new funding sources and drive community health improvement. “

- Accessible to the community
 - Updated on a quarterly basis and has the ability to export data reports for specific analysis and comparisons
 - Includes data on population and health indicators
 - Educational factors, housing information, cancer data, transportation, housing info, health disparities, environmental health, etc.
 - Will enhance community partnership
- 

Search this site

Houston

STATE OF HEALTH

Informing Action with Health Data



EXPLORE DATA

SEE HOW WE COMPARE

TOOLS & RESOURCES

LEARN MORE



Data Report

Indicators Dashboard

Health News

County Public Health Department



FIND HEALTH DATA
View more than 100 economic, social, and health indicators for County



FIND DEMOGRAPHIC DATA
View demographic data on race, gender, ethnicity by zip code



TRACK PROGRESS
Compare county and local indicators to Healthy People 2020 Targets



SOCIONEEDS INDEX
Identify zip codes that have the highest level of socioeconomic need compared to our county and the US.



WRITE A REPORT



County

gender, ethnicity by zip code

Targets

compared to our county and the US.



COMPARE INDICATORS

Compare select indicators at the city/place, zip code, and census tract level



LOCATE RESOURCES

See all reports on a variety of different topics



FIND PROMISING PRACTICES

View promising practices highlighting efforts around the country addressing similar community health challenges



WRITE A REPORT

Conduct your community health needs assessment and develop an implementation strategy

This month's focus: Families Living Below Poverty Level

77076

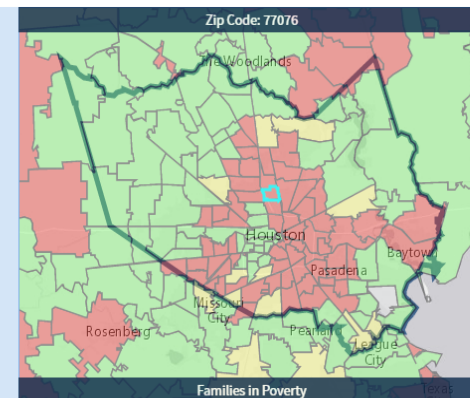


33.8 PERCENT

What is this indicator?

This indicator shows the percentage of families living below the federal poverty level.

[Learn more](#)



Health



Economy



Education



Environment



Government & Politics



Public Safety



Social Environment



Transportation

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EXPLORE DATA

SEE HOW WE COMPARE

TOOLS & RESOURCES

LEARN MORE

Home > Community Dashboard

Community Dashboard

Be sure to select a location using the drop-down menus before searching for indicators. Please note that disparity data is only available at the county level.

Location Type: County Location: Harris

Breakout By: None Order By: Topic

Search All Indicators Search

Indicators for County: Harris

[View the Legend](#)

+ Health

Access to Health Services

| | | |
|--|---------------------------|--|
| Adults with Health Insurance MAP | Comparison: U.S. Counties | |
| Children with Health Insurance MAP | Comparison: U.S. Counties | |
| Non-Physician Primary Care Provider Rate MAP | Comparison: U.S. Counties | |
| Primary Care Provider Rate MAP | Comparison: U.S. Counties | |

Cancer

| | | |
|--|---------------------------|--|
| Age-Adjusted Death Rate due to Breast Cancer MAP | Comparison: U.S. Counties | |
| Age-Adjusted Death Rate due to Cancer MAP | Comparison: U.S. Counties | |
| Age-Adjusted Death Rate due to Colorectal Cancer MAP | Comparison: U.S. Counties | |



LESSONS **LEARNED**

Need a strategy;
not just steps

Understand staff
perception

Brand in a way
that is appealing
to your staff

Use tools that
make tracking
and reporting
easy

CONTACT INFORMATION



Robert A. Hines, Jr. MSPH

Performance Improvement Manager & Accreditation Coordinator

Houston Health Department (HHD)

Director's Office

Phone: 832.393.4606

Robert.Hines@houstontx.gov



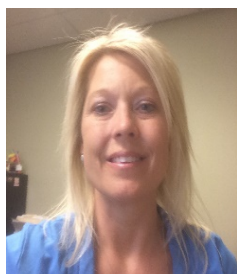
Questions or Comments?



Micaela Kirshy
mkirshy@phf.org



Jack Moran
jmoran@phf.org



Tami Dillman
tdillman@nd.gov



Robert Hines
Robert.hines@houstontx.gov

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Strengthening the Quality and Performance of Public Health Practice



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A national learning network for professionals who protect and improve the public's health

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- Thousands of training opportunities

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Where public health, healthcare, and other professionals find resources to help improve individual and organizational performance

- Comprehensive immunization information in *Epidemiology and Prevention of Vaccine-Preventable Diseases*, "The Pink Book"
- 75 quality improvement tools in *The Public Health Quality Improvement Encyclopedia*

<http://bookstore.phf.org>



ACADEMIC PRACTICE LINKAGES

Furthering academic/practice collaboration to assure a well-trained, competent workforce and strong, evidence-based public health infrastructure

- Council on Linkages Between Academia and Public Health Practice
- Core Competencies for Public Health Professionals
- Academic Health Department Learning Community

www.phf.org/councilonlinkages

www.phf.org/corecompetencies

www.phf.org



Performance Management Resources from PHF

- Performance Management Toolkit: www.phf.org/pmtoolkit
- Public Health Improvement Resource Center: www.phf.org/improvement
- New QI Tools
 - [Investigating Change](#)
 - [Crosswalk for Aligning Accreditation Plans](#)
 - [Tools to Supplement the Quality Improvement Encyclopedia](#)
- On-Site Services for Performance Improvement: www.phf.org/piservices
- Subscribe to [Performance Improvement Inside Track](#), www.phf.org/insidetrack

***Thank you for participating
in today's webinar!***