

Strategies for Collecting and Using Data More Effectively (or, Learning from Doing the Opposite)



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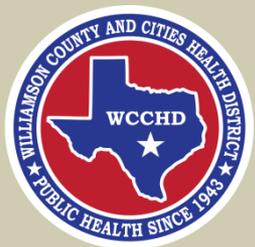
August 28, 2015



Your public health department

Williamson County & Cities Health District

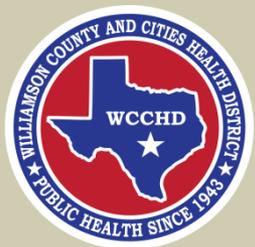
- We're a Health *District*, not a Health Department
- Comprised of member cities and the county (Round Rock, Cedar Park, Georgetown, Leander, Liberty Hill, Taylor)
- Represented by a strong Board of Health
- The Board sets the priorities for the District
- We work collaboratively with community stakeholders via the WilCo Wellness Alliance



Your public health department

Learning Objectives

- Provide examples of DSRIP projects demonstrating coordination and partnerships to collect and share data; identification of best practices
- Summarize the data challenges of several of our projects
- Explain what worked for us, and what didn't



Your public health department

What are our projects?

Clinical
Preventive
Services

Patient
Navigation

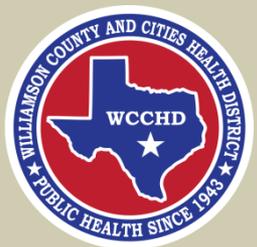
REAL Data

Health
Promotions
and Wellness

Childhood
Obesity

Community
Paramedicine

Access 2
Care



Your public health department

What data do we collect?

- Appointments at our four clinics
- Services provided
- Eligibility tracks
- Immunizations data
- Community Paramedicine encounters
- Hypertension subset
- CHF readmission
- Laboratory data for STI testing
- Community clinic encounters
- Social media and outreach events
- REAL data across the agency
- Client satisfaction questionnaires
- BMI/nutrition/physical activity counseling
- Health education class rosters



Your public health department

How do we use these data?

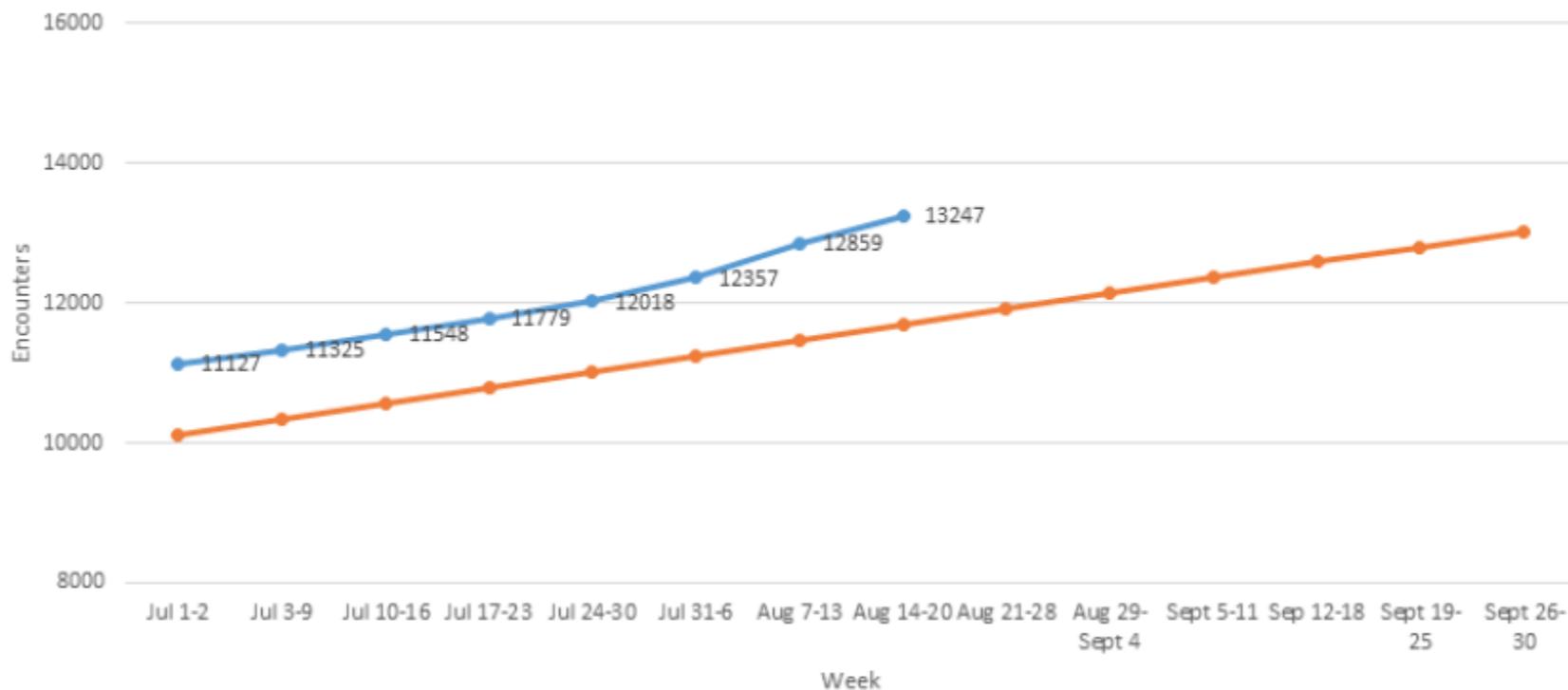
- Tracking progress
- Semi-annual reporting
- Performance Management
- Internal Quality Improvement
- Adaptive Leadership
- Are we making a difference?



Your public health department

Tracking and Improving

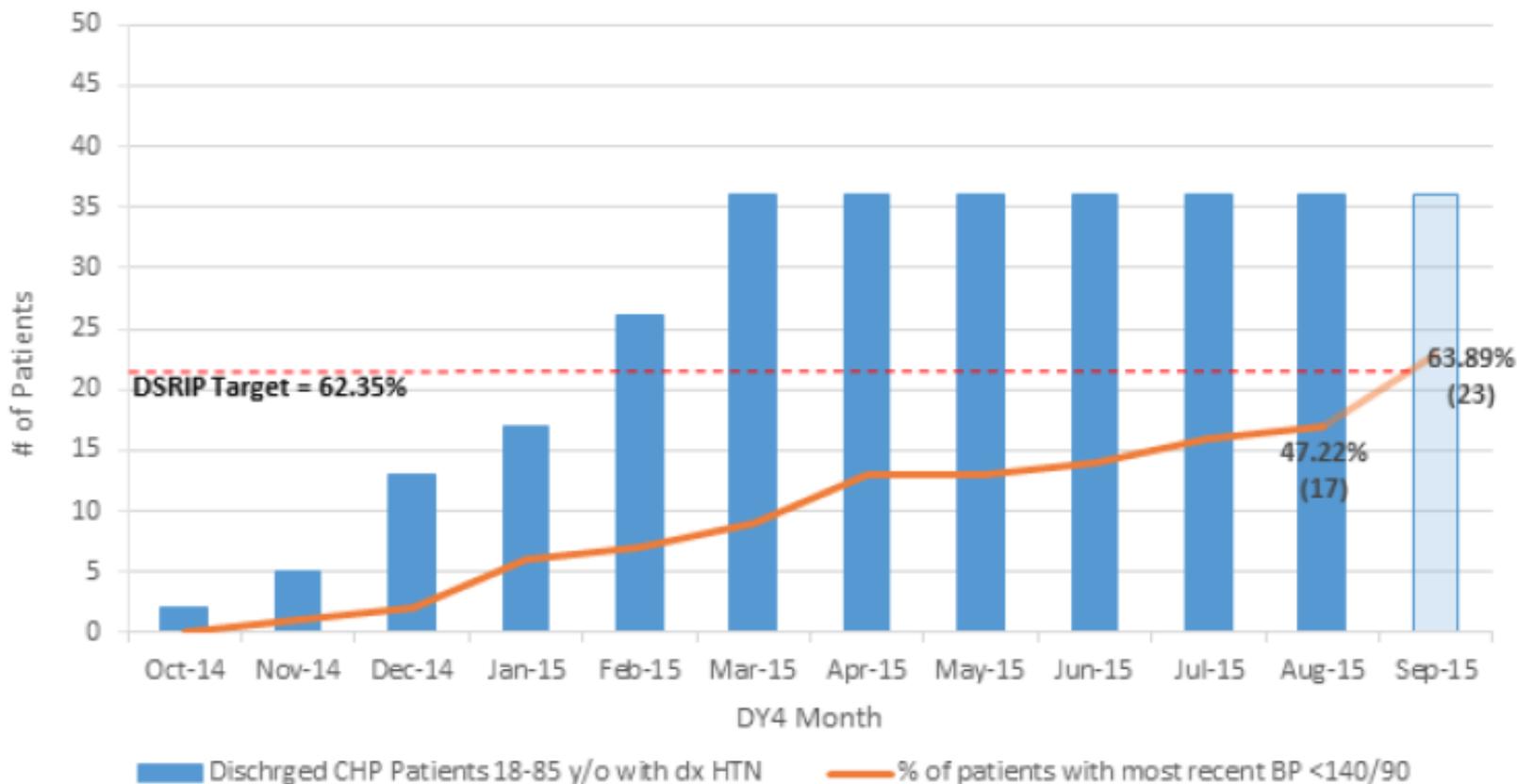
Actual vs. Target
Cumulative Total Encounters by Week



Your public health department

Planning Interventions

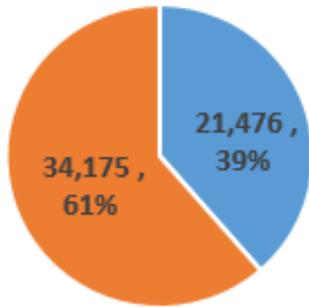
IT-1.7: Controlling High Blood Pressure - DY4



Your public health department

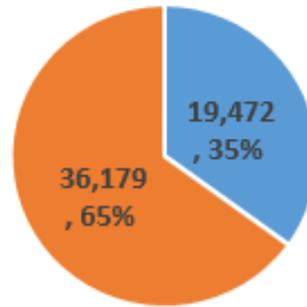
More Examples

CHASSIS Race Field
(n=55,651 clients)



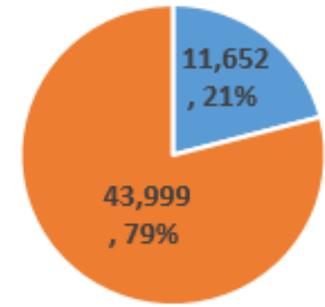
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CHASSIS Ethnicity Field
(n=55,651 clients)



■ Blank, unknown, or unreported ■ Completed

CHASSIS Language Field
(n=55,651)



■ Blank, unknown, or unreported ■ Completed

	% of Total	G3 Classes	Sports Physicals	Title V	Head Start	Total
BMI Documented	83.9%	21	13	0	159	193
Nutrition Counseling	78.3%	21	0	0	159	180
Physical Activity Counseling	78.3%	21	0	0	159	180
Total Participants		21	13	37	159	230



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What can you learn from our foibles?

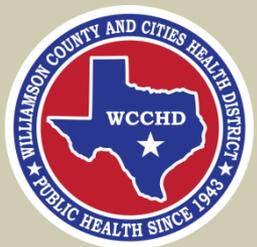
- Try not to switch laboratories mid-DSRIP year
- Before you put data in a system, make sure you can get it out
- Know your HIPAA!
- Encrypt, deidentify, or die
- Make use of your data nerds
- Never delete the primary key
- Check all of your assumptions
- Learn to cross-check and double check your work
- QC, QA, and QI



Your public health department

Thank you for your time.

**Questions and
comments?**



Your public health department