




# Hospital Cost and Health Measure Webinar CMS Innovation Grant

Health Care & Housing Are Human Rights

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HEALTH CARE  
*for the*  
HOMELESS  
COUNCIL



# Introduction



The purpose of this module is to give an overview of the measures that Hospitals and HCH sites will need to collect for the purposes of the CMS Innovation Grant

We will cover cost measures required from the hospital and the HCH site. We will also spend some time covering the health related measures that will need to be collected from the hospitals you are partnering with

Time will be provided at the end of the webinar to discuss data use agreements and to answer any and all questions you may have



# CMS Triple Aim





# Background Information



107 sites across the country were awarded the CMS Innovation Grant



Each of these 107 sites were asked to select measures that would be submitted to CMS



CMS contracted with Rand to review all measures submitted across the 107 sites



We were then provided a standardized list of 150 measures to select from



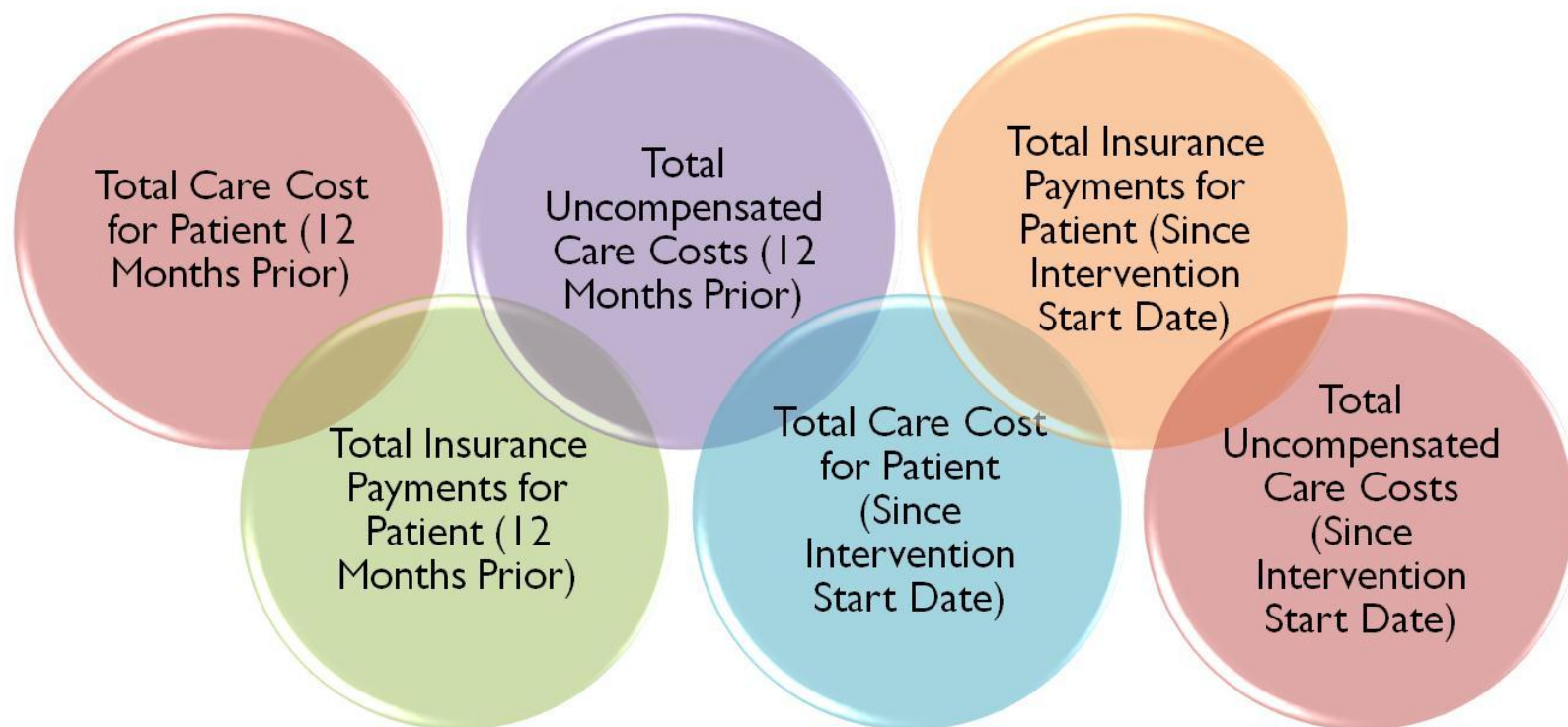
With the input of our 12 sites we chose 67 measures that include many of the measures that we will discuss in today's webinar.

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# Cost Measures that will be Reported:





# Total Care Cost for Patient

- Billable Costs to Patient
- This includes ambulatory care, cost of visit, medicine administered, and other related treatment costs
- This does not include charity or insurance billing
- Each patient will be measured for the year prior to enrolling and the following year





# Insurance, Charity, and Other Payments

- Total payments made to hospitals on behalf of patients
- This can include insurance, charity, and out of pocket payments
- Same measurement period as all other variables

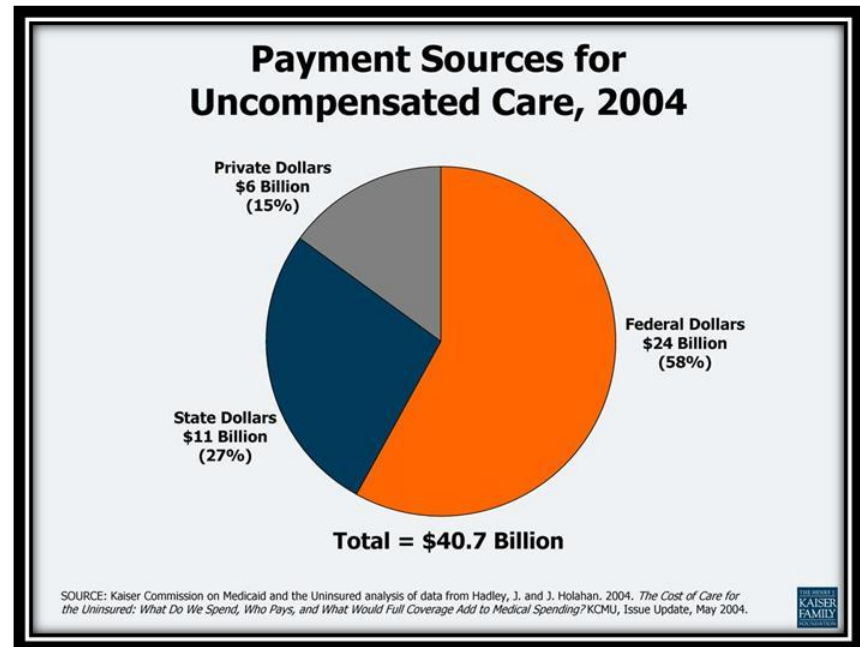






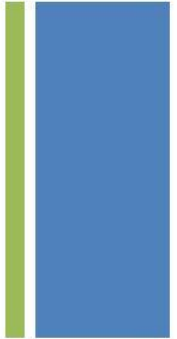
# Total Uncompensated Care Cost

- This is the cost of care minus the compensation received for that care
- With the prior two discussed variables we will compute this variable for the hospital





# Hospital Patient Data

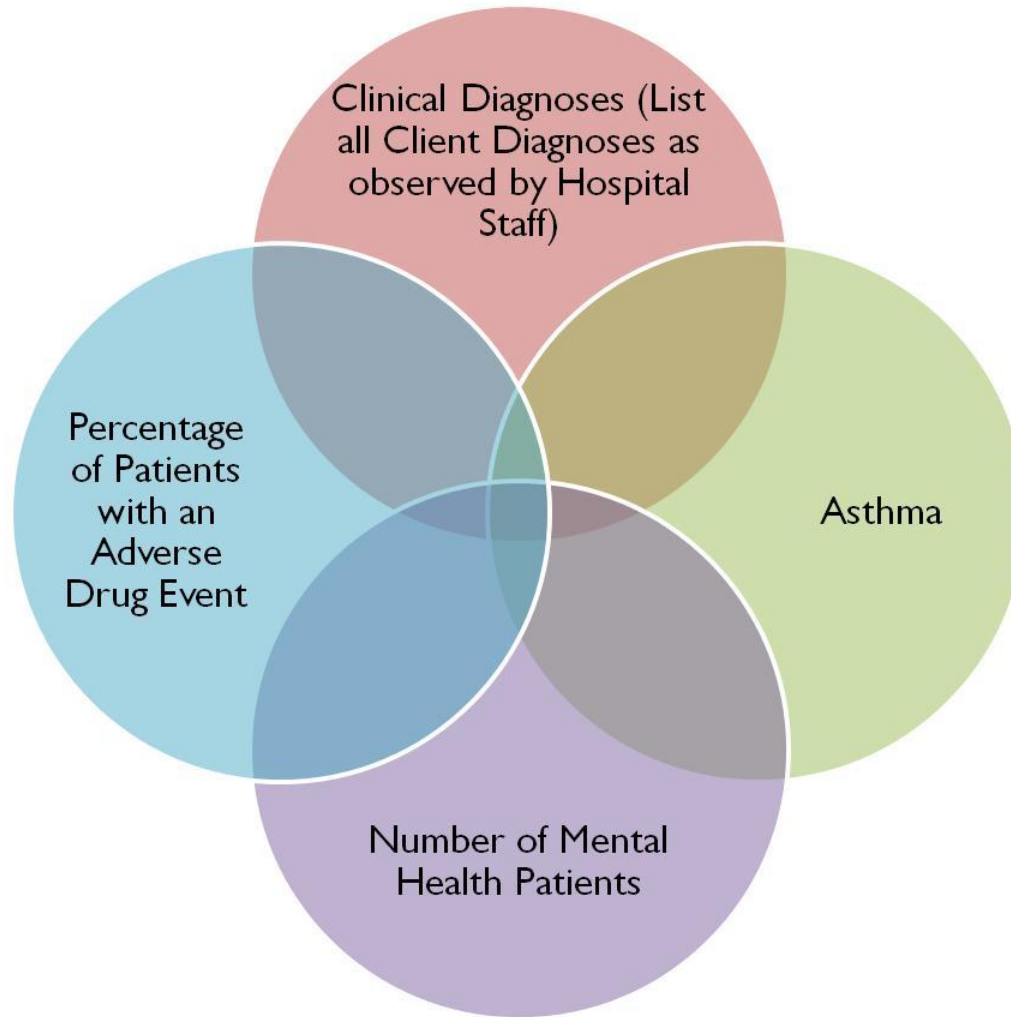


- Number of ED Visits (12 Months Prior to intervention and the 12 months during and post intervention)
- Number of Inpatient Admissions (12 Months Prior to intervention and the 12 months during and post intervention)
- Average Length of Stay for Inpatient Admissions (12 Months Prior to intervention and the 12 months during and post intervention)
- Does Patient Receive Medicaid/Medicare (Y or N)





# Hospital Health Data





# Health Related Variables



- Asthma: Patients who have had a visit to an Emergency Department(ED)/Urgent Care office for asthma in the past six months.
- Asthma: Patients with asthma who have greater than or equal to one visit to the emergency room for asthma while on CHW caseload
- Adverse Drug Event: Patients who experience an adverse drug event as defined in "Medication-Related Adverse Outcomes in U.S. Hospitals and Emergency Departments, 2008." <http://www.hcup-us.ahrq.gov/reports/statbriefs/sb109.pdf>
- Hospital ED Visit Number by Conditions

# HCH Data Requirements







# Cost Measures that will be Reported:

- Total Cost for Patient  
(During Intervention at HCH Site)
- Total Compensated Costs  
(During Intervention at HCH Site)
- Total Uncompensated Costs (During Intervention at HCH Site)





# Demographic Data

This Information is for the Hospital to locate Patient in Record:

Social Security Number

First and Last Name

Age

Date of Birth

Race/Ethnicity

Gender

Zip Code





# Health Measures for HCH Sites

## Mental Illness

- Number of discharges for each client 18 years of age and older who were hospitalized for treatment of selected mental health disorders. Selected mental disorders include: anxiety, depression, mania, bipolar, PTSD, psychotic disorders (paranoia, schizophrenia), eating disorders, impulse control and addiction disorders (pyromania (starting fires), kleptomania (stealing), and functional disorders such as insomnia and who had an OP visit, an intensive OP encounter, or partial hospitalization with a mental health practitioner within 7 days and within 30 days.



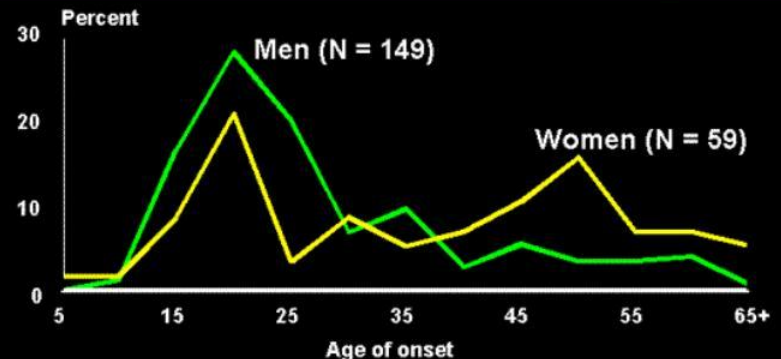


# Health Measures for HCH Sites

## Schizophrenia

- Number of client discharges for individuals 18-64 years of age who were hospitalized for treatment of schizophrenia and who had an outpatient visit, an intensive outpatient encounter or partial hospitalization with a mental health practitioner within 7 days and within 30 days.

### Age of Onset of Schizophrenia by Gender (Age > 45)



Kolmogorov-Smirnov pvalue < .0001

(Lindamer et al., Psychopharm. Bull., 1997)

(Lindamer et al., Psychopharm. Bull., 1997)

Kolmogorov-Smirnov pvalue < .0001

Age of onset

5 15 25 35 45 55 65+



# Health Measures for HCH Sites



- Follow-Up after Hospitalization: Number of patients 18 years of age and older who had an OP visit after hospitalization within 7 days and within 30 days.
- Utilization of Primary Care Services: Number of patients who utilize primary care services while enrolled in intervention (includes visits to HCH primary care site). All utilization of health services will be monitored for each patient by the CHW. A comparison will be made of all primary care visits (12 month) prior to the intervention versus after the intervention (if available).



# The Process

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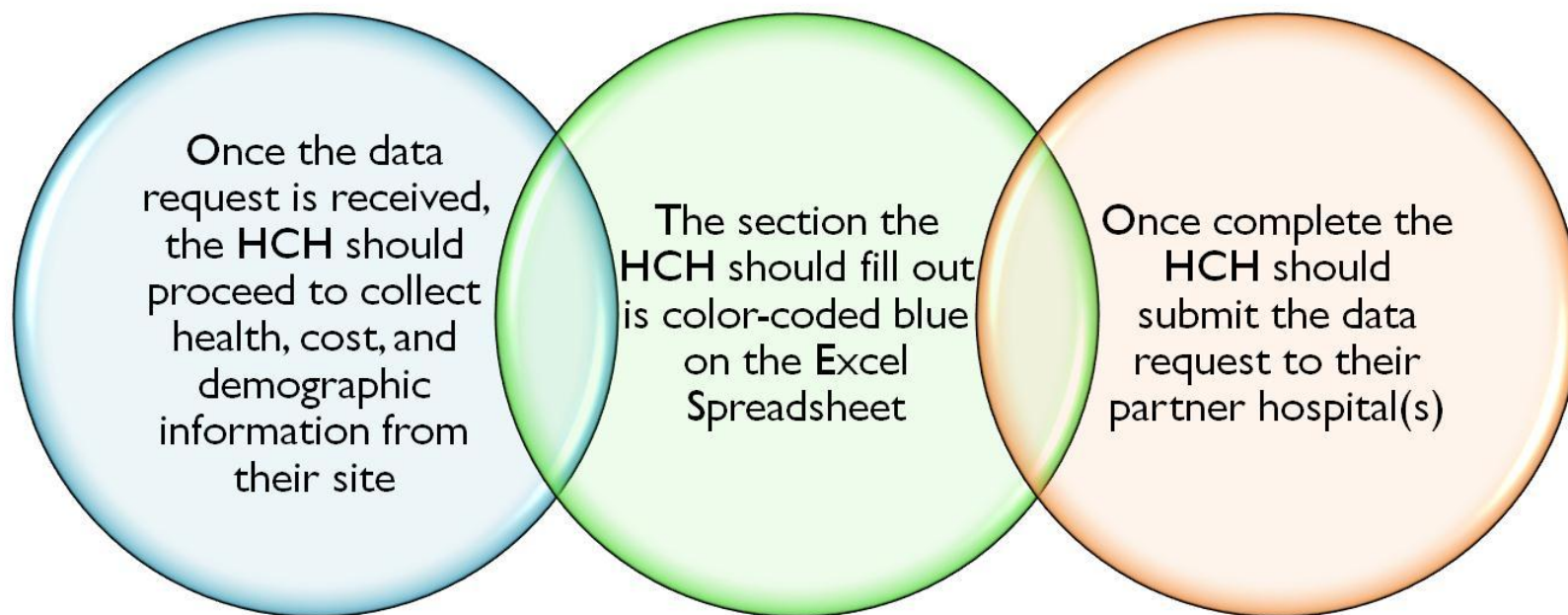
# Step 1: Data Request Given to HCH Site

- 1.5 months before the data is needed, the National HCH Council will send a data request to your HCH site with an attached Excel Spreadsheet
- The Excel Spreadsheet will indicate the PIN established by your site for all patients that data will be collected on for this request





## Step 2: The HCH





## Step 3: Partner Hospital

- Now that the data request is with the hospital they should proceed to fill out all red color coded sections
- Once this is complete they should forward the completed Excel spreadsheet back to the HCH site they have partnered with





## Step 4: The HCH

- Once the Excel spreadsheet has been returned it is the HCH's responsibility to remove all identifying information from the spreadsheet. This includes SSN, First and Last Name, Birthdate, and Zip Code.
- Forward the completed form via email to [zsanchez@nhchc.org](mailto:zsanchez@nhchc.org) or fax the completed form Attn: Zachary Sanchez to 615-226-1656







# Data Use Agreements



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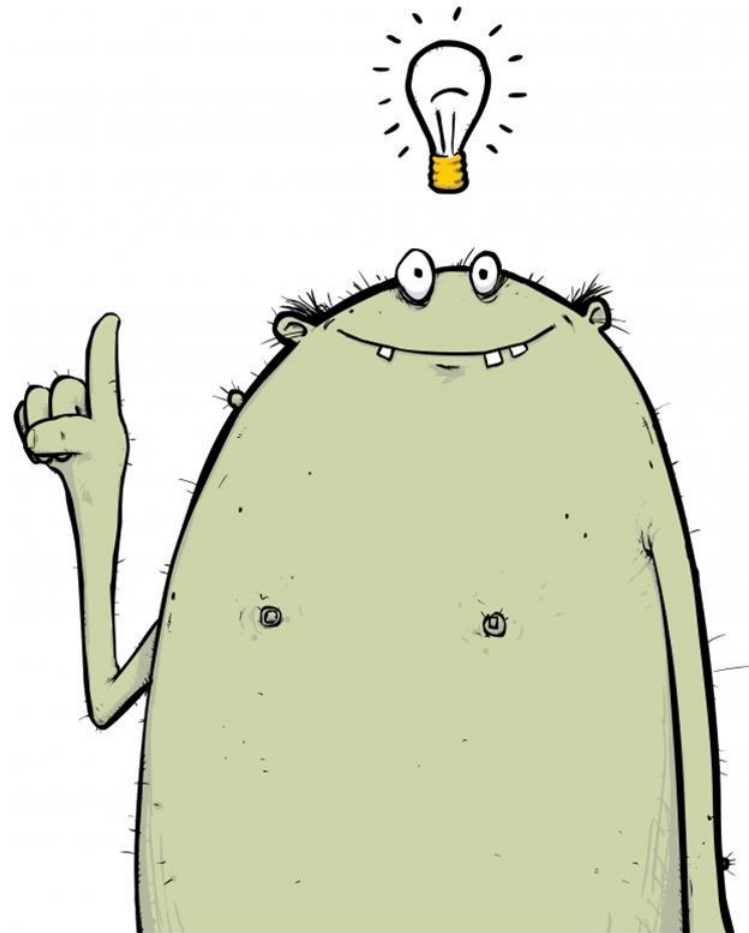


# Any Questions?



# Conclusion

- The CMS grant requires us to collect cost and health data from both the hospital and the HCH site
- Hospital data requests will be sent to each HCH site annually
- The HCH will be given 1.5 months to collect the relevant cost data and remit to the National HCH Council





**If you have additional questions feel free to contact us!**



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