

Data Infrastructure to Support APMs at Scale LAN Summit, April 2016

Dr. Richard Shonk, CMO rshonk@healthcollab.org



VISION

To inspire breakthroughs in transforming health and healthcare

What We're Doing Today



Transparency Making information available to they can make decisions and better with their providers



₽_x

information is at the right place at the right time



Analytics Using information to understand and improve care across the region



Payment Reform Recognizing and rewarding clinical excellence

THE HEALTH LABORATIVE



PCMH + Payment Reform

75 practices and**350** providers

Multi- payer: 9 health plans + Medicare

 500,000 estimated commercial, Medicaid and Medicare enrollees Greater Cincinnati 1 of only 7 chosen sites nationally

> 65 miles from Williamstown, KY to Pigua, OH



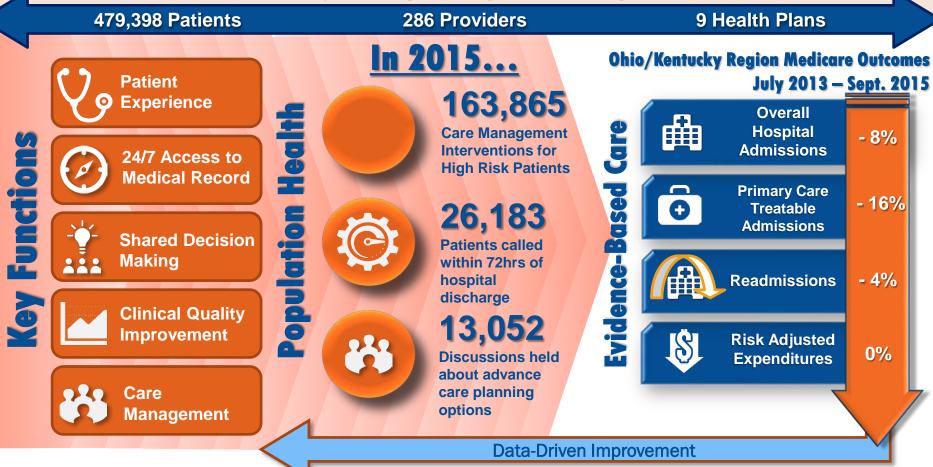


An Initiative of the Center for Medicare & Medicaid Innovation Project Timeline: 2013-2016



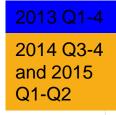
"Advanced primary care is the foundation to a high-performing health [care] system" —Dr. Patrick Conway

Ohio/Kentucky CPC Regional Landscape



2015 Q2 Aggregate Payer Data

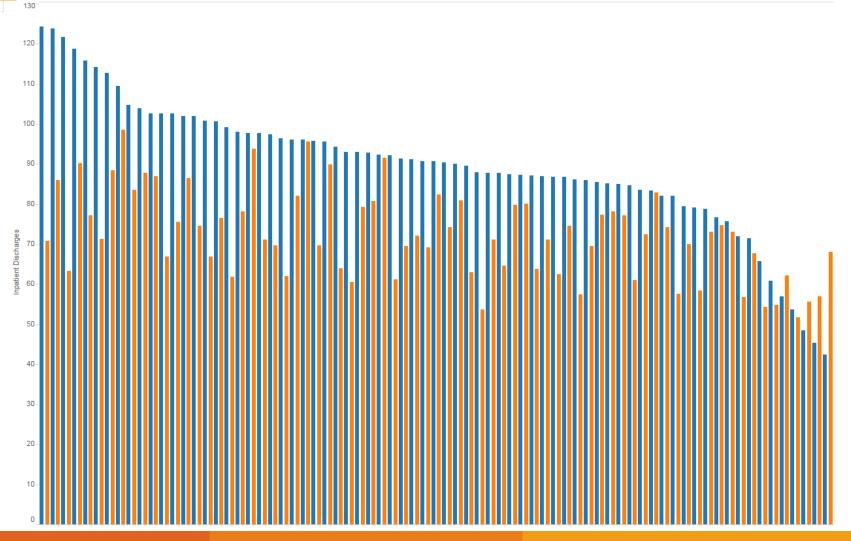
CPCi Aggregate Risk-Adjusted Rates All Payers*					
Risk-Adjusted Utilization Rates per 1,000					
Risk Adjusted Rate					
				% Change	
Measure	2013	2014	2015 Q2	from 2013	
ED Visits	268.2	273.0	266.9	-0.5%	
Inpatient Bed Days	415.6	365.8	346.9	-16.5%	
Inpatient Discharges	96.0	84.3	77.5	-19.3%	
Primary Care Visits	2407.5	2411.6	2290.0	-4.9%	
Specialist Visits	1802.6	1746.0	1663.3	-7.7%	
*Medicare FFS and OH-Medicaid data not included					



Inpatient Discharges

Inpatient Discharges

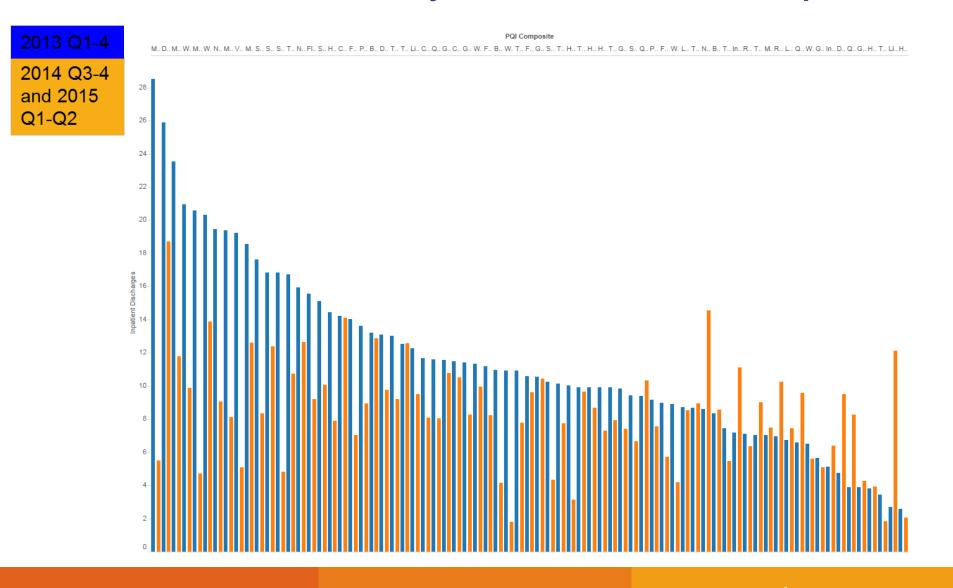
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2015 Q2 Aggregate Payer Data

CPCi Aggregate Risk-Adjusted Rates All Payers*					
Risk-Adjusted Quality Measures					
Risk Adjusted Rate					
				% Change	
Measure	2013	2014	2015 Q2	from 2013	
PCR (30-Day Readmits)	1.3	1.5	1.5	15.4%	
PQI CHF	3.8	3.0	2.9	-23.7%	
PQI Composite	12.3	10.0	9.3	-24.4%	
PQI COPD	2.9	2.4	2.1	-27.6%	
*Medicare FFS and OH-Medicaid data not included					

Preventative Quality Indicators: Composite



The Case for Claims Data Aggregation

Comprehensive View

Measurable Value

Devine for Volue is	weasurable value		
Paying for Value is Enhanced by		Standard Approach	Sustainability
Comprehensive Practice Level Measurement	Statistical Validity of Aggregated Data Improves the Accuracy of Performance Comparisons	Adoption of a Standard National Measure Set is Reliable and Valued by Stakeholders	Accurate, Co-Owned Data Gives Confidence to pay for Value in a Sustainable and
Value for Payers			Scalable Approach
Value for Provide	ers		Sustained
Comprehensive Reports Provide a One Stop Shop for	Aggregated Data Reports Provide a "Third Party" vetted Value of the Provider's Performance	Improvement Efforts are More Efficient with Reductions in Variability and "Drill Down" Capabilities	Engagement is Made Possible With Co-Owned, Trusted, & Transparent Data
Practice-Wide Data at Patient Level Detail			

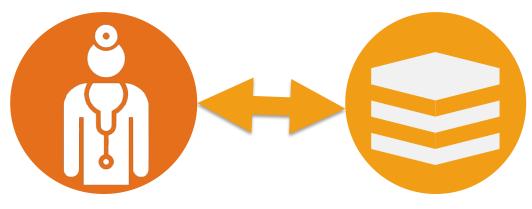
Business Model: Co-Ownership



Providers

Health Plans

Business Model: "Claims Data Co-Op"



- Co-Own the Process
- Look into the "Black Box"
- Ownership of the results
- "Their data" = "Our data"
- Nothing engages like paying for it

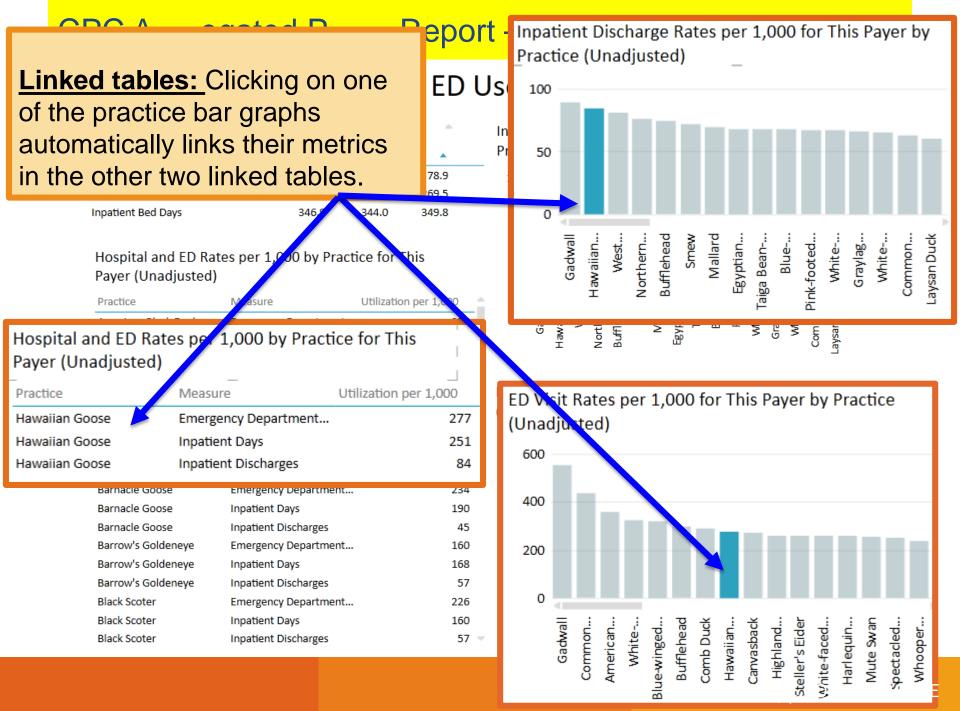
Comprehensive Primary Care (CPC): Report Examples

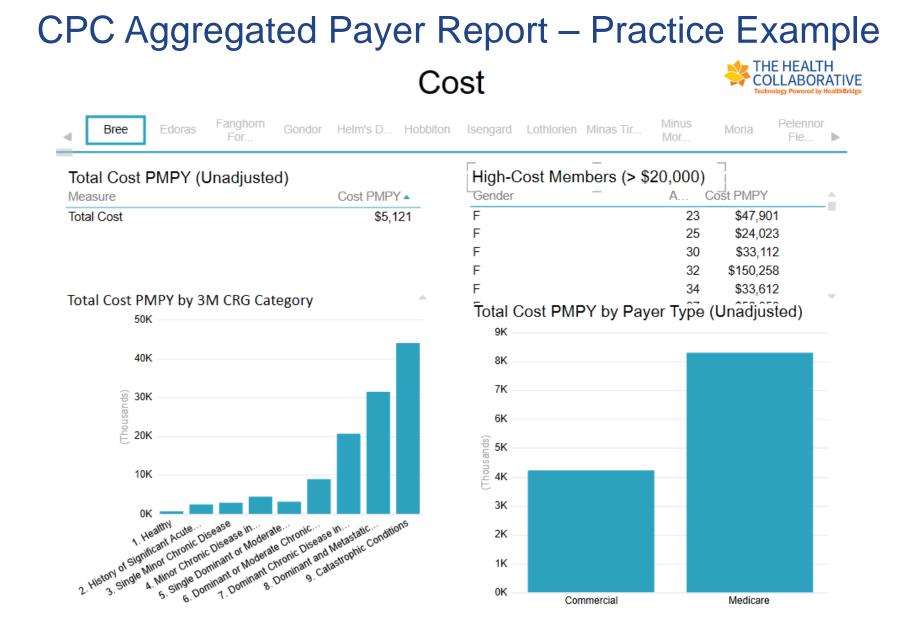


Practice Payer Attribution

CPC A Practic	Measure e	ay	/er R	еро	rt —			
	ED Cost							
	Inpatient Cost							
Extract Date Measurement Year P	Pharmacy Cost	Provider			Risk Adjusted	LCL	UCL	
	Primary Care Cost	First Name	Level Detail	Measure Type	Measure	Rate		
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	Specialist Cost		All Organizations All Organizations	Cost Cost	ED Cost Inpatient Cost	\$193 \$1,185		
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	Total Cost		All Organizations All Organizations	Cost Cost Cost	Pharmacy Cost Primary Care Cost Specialist Cost	\$951 \$173 \$143		
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	Low Back Pain		All Organizations All Organizations All Organizations	Cost Quality	Total Cost	\$143 \$5,021 73%	72%	74%
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	PCR		All Organizations All Organizations	Quality Quality	PCR PQI CHF	1.49 2.93	1.42 2.61	1.57 3.25
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	PQI CHF		All Organizations All Organizations All Organizations	Quality Quality Utilization	PQI COPD PQI Composite ED Visits	2.13 9.31 266.92	1.91 8.84 264.38	2.36 9.79 269.46
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	PQI COPD		All Organizations All Organizations	Utilization Utilization	Inpatient Bed Days Inpatient Discharges	346.87 77.53	343.97 76.17	349.76 78.90
1/29/2016 07/01/2014-06/30/2015 1/29/2016 07/01/2014-06/30/2015	PQI Composite		All Organizations All Organizations	Utilization Utilization	Primary Care Visits Specialist Visits	1	2,282.52 1,656.95	
	ED Visits							
	Inpatient Bed Days							
	Inpatient Discharges							
	Primary Care Visits							
	Specialist Visits			TH	ie health 😤	3 COLLA	BORA	TIVE

CPC Aggregated Payer Re		Example
Hospital & ED Us	ACTIVE ALL	THE HEALTH COLLABORATIVE Technology Powered by HealthBridge
Members with 2 or More ED Visits	✓ ∑ Measure Result	A
Aaralyn Abriella Adrien Aleeyah Alisson Amilia	Measure Type	Boaz Boston
	Measurement Year	
Member First Member Last	∑ Member Enterprise ID	Measure Result 🚊
C D	✓ Member First	2
c G	🗸 🕀 Member Last	2
c w	Member Plan for Reporting	4
<u> </u>	\sum Months covered	2
Members with 1 or More Readmission(s) (PCR)	Practice	
Aaralyn Abriella Adrien Ales ah Alisson Amilia	Practice Organization	Boston Brogan 🕨
	Provider	
Member First Member Last	∑ Provider Enterprise ID	Measure Result
J M	Provider First Name	1
Members with 1 or More ACS Admission(s) (PQ	Drag fields between areas below:	
Aaralyn Abriella Aleeyah Alisson Amilia Anayah	TILE BY	Brogan Brynley 🕨
	Provider	
Member First Member Last	FIELDS	Measure Result 👚
C P	Member First	
G A	🕀 Member Last	1-
4	Measure Result	





Attribution Tracking Report

Tab: Moved Summary

Description of tab: Count of members with the same provider but with a new

Health Plan

Total Moved Membership of selected columns (subtotal based on selection)

Gross number of members moved between Major Payers within a Practice

2014 2015 Q2 62 to **To Major Payer** Practice **From Plan** To Plan **NoOfMembers** From Major Payer T, Townsville Commercial Commercial HealthPlan Two HealthPlan One HealthPlan One Townsville Commercial Commercial Health Plan Six Townsville Commercial Commercial Health Plan Six HealthPlan Four Townsville Commercial Commercial HealthPlan One Health Plan Six Commercial HealthPlan Four Townsville Commercial HealthPlan Two 8 Townsville Commercial Commercial HealthPlan Four HealthPlan One 15 Townsville Commercial Medicare HealthPlan One HealthPlan One Zion HealthPlan One Commercial Commercial HealthPlan Two Zion Commercial Commercial Health Plan Six HealthPlan One Zion HealthPlan Four HealthPlan Two Commercial Commercial 3 Zion Commercial Health Plan Six Commercial HealthPlan Four Zion Commercial HealthPlan Four HealthPlan One Commercial Zion Commercial Medicare HealthPlan One HealthPlan One Zion HealthPlan One Medicare Commercial HealthPlan Two Gotham Commercial Commercial HealthPlan Two HealthPlan One 2 HealthPlan One Gotham Commercial Commercial Health Plan Six Gotham Commercial Commercial HealthPlan Four HealthPlan Two

THE HEALTH 🔆 COLLABORATIVE

Selected Total Moved

Reports: Lessons Learned

- Don't assume they know how to use it
- Help them understand the clinical value
- Be prepared for glitches
- Teach them to fish...





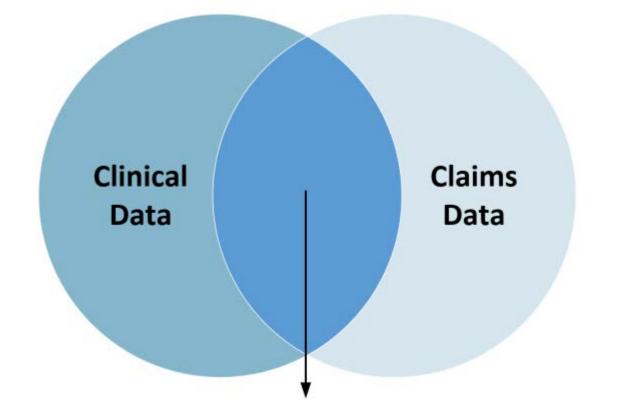
Primary Care Providers

- Cardiovascular Health
- Colon Cancer Screening Rates
- Diabetes Management
- Patient Experience

Hospital

- Effectiveness
- Patient Experience
- Emergency Department

Cost & Clinical Data Combination



Combined data set tied together via master patient and provider index

Other Innovative Initiatives

