



Consumer-Centered Health (CCH) Community

Connecting Consumers, Payers and Providers to Actionable Data Using Data-Driven Intelligence



RECAP WHY RISK SCORE MATTERS



Why Risk Score Matters

Risk Score used to calculate financial benchmark:

- Patient
- Provider
- Facility
- Organization

If Risk Score is NOT accurate then financial benchmark is NOT accurate.

Health Score

0.624

Excellent

Excellent
Health Spend



3elow Expected



Patient's Risk Score

Every patient has a risk score and a financial benchmark calculated using their risk score.

Every provider, facility and organization has a risk score and a financial benchmark calculated using their risk score

Lower the score the better health of the patient. (Healthiest to Sickest – Risk Stratification)

Risk score is based on patient's demographics and diagnoses.



Example: How Diagnosis Documentation Affects Scoring

"c/o visual disturbance. PMH + Retinopathy and DM2"

250.00 and 362.10 (retinopathy w/o mention of diabetes)

Risk score: .162

(.162 + 0)

"Proliferated retinopathy due to DM2"

250.50 and 362.02

Risk score: .**511** (.259 + .252)



Impact of HCC Coding to HCC Benchmark – Example (Decreased Score)

Most commonly, HCC categories are not captured, resulting in decreases to the HCC score:

Risk Adjustment Factor	RAF Score	Expected Annual Expenditure
Base HCC Score (Male/76/DM/Morbid		
Obesity/CHF/Amputation)	1.973	\$17,856
NOT CODED- HCC 189 (Amputation Status, Lower		
Limb)	0.588	\$5,321
NOT CODED-HCC 22 (Morbid Obesity)	0.273	\$2,471
HCC Benchmark (With Removed HCCs)	1.112	\$10,064

Based on 2017 Coefficients for a Community Non-Dual Aged Beneficiary



Impact of HCC Coding to HCC Benchmark – Example (Increased Score)

Ensuring HCC codes are captured, results in adjustment to expected levels of spend per patient:

Risk Adjustment Factor	RAF Score	Expected Annual Expenditure
Base HCC Score (Male/76/DM/Morbid Obesity)	1.062	\$9,611
CODED HCC 86 (Acute myocardial Infarction)	0.233	\$2,109
CODED HCC 111 (Chronic Obstructive Pulmonary		
Disease)	0.328	\$2,968
CODED HCC 137 (Chronic Kidney Disease, Severe		
Stage 4)	0.237	\$2,145
HCC Benchmark (With Added HCCs)	1.86	\$16,833

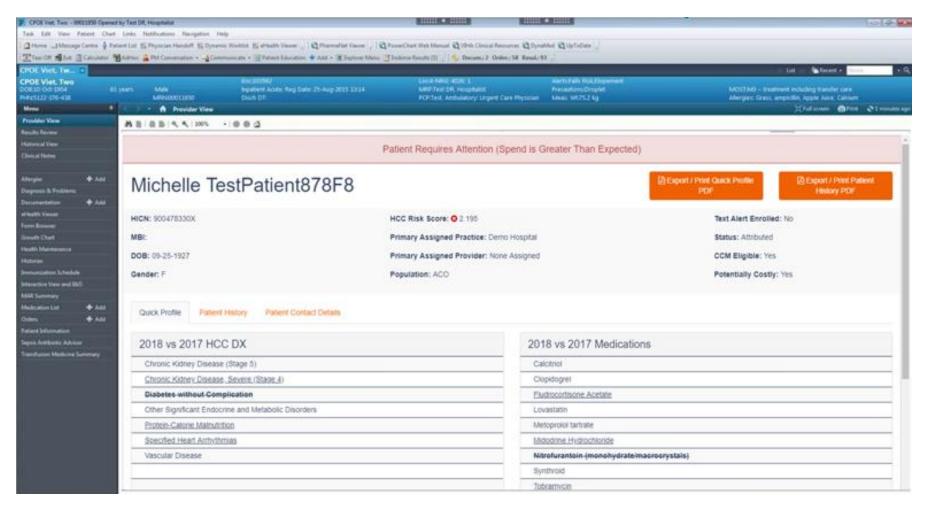
Based on 2017 Coefficients for a Community Non-Dual Aged Beneficiary





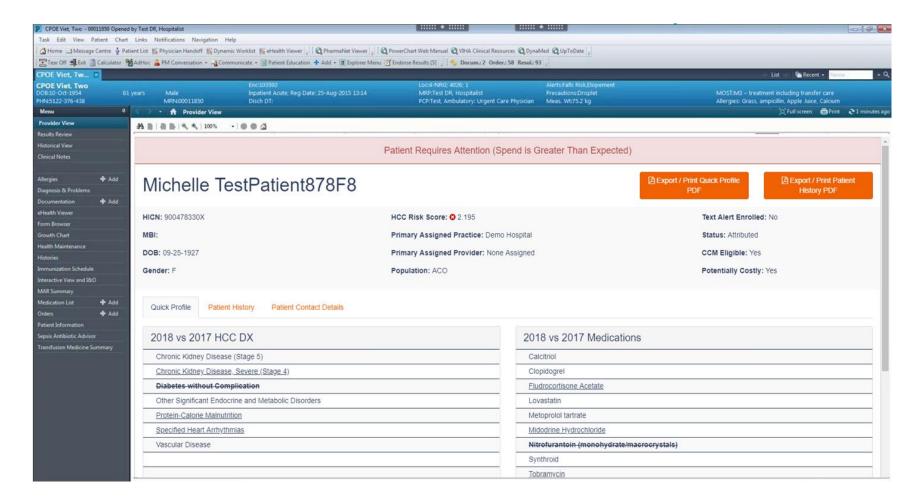
EHR Point of Care Coding Strategy

After 12 months Diagnosis is removed unless recoded



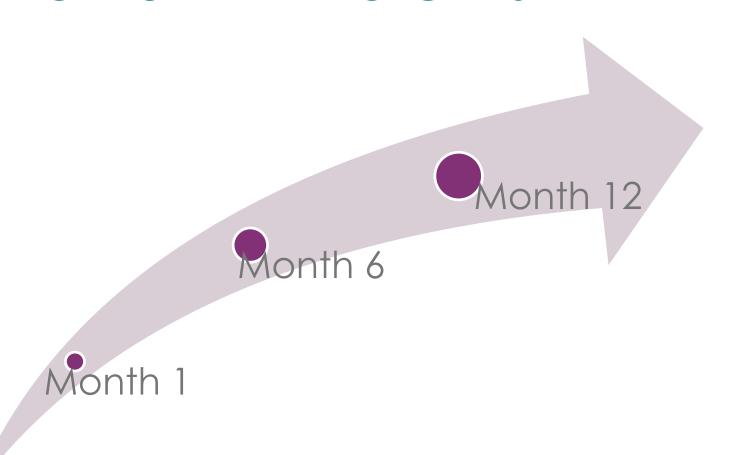


Point of Care HCC Coding Re-code removed diagnoses at the clinic encounter





Changes will Take 12 months DO NOT WAIT TO GET STARTED





Capture the HCC Diagnosis Code with Payor

Patient Superbill Diagnosis Codes	Billing Company Submission of Diagnosis Codes
ICD10-1	ICD10-1
ICD10-2	ICD10-2
ICD10-3	Missing Code
ICD10-4	Missing Code

Not capturing the codes results in lower HCC score for patient and lower benchmark for ACO.

Takes minimum of 12 months for this to create impact on your benchmark.

Compare your EHR records to Patient Profile for 10 Charts.

Over 50% of ACOs have encountered this issue.



Why annual wellness visit is important

HCC Coding at Point of Care

 Recode diagnosis every year

Manage patient's diagnoses

Quick Wins

-- Risk Score Accuracy Strategies

- Schedule Annual Wellness Visit (AWV)
 - Plan of action to manage conditions
 - Code applicable diagnoses accurately
- HCC Coding Point of Care
 - Recode applicable diagnosis every 12 months
 - Importance of the Annual Wellness Visit
- Capture the HCC diagnosis code with payer
 - Verify EHR and Billing system sending ALL diagnoses
- Analyze your claims data
 - Get Your Risk Scores and Benchmarks Today



CALCULATE **FINANCIAL BENCHMARK ALL LEVELS** -ORGANIZATION -FACILITY -PROVIDER -PATIENT



#No. Costly Patients	#No. CPC+ Patients	2018 AVG HCC Score	2018 HCC	2018 YTD AVG Per • Patient Spend	2018 YTD AVG Per Patient Spend vs 2018 HCC Benchmark
30	0	1.251	\$11,323.09	\$7,642.85	67.50 %
78	0	1.352	\$12,231.21	\$12,270.92	100.32 %

Executive Dash

TestPatient01AEB, Willie▼

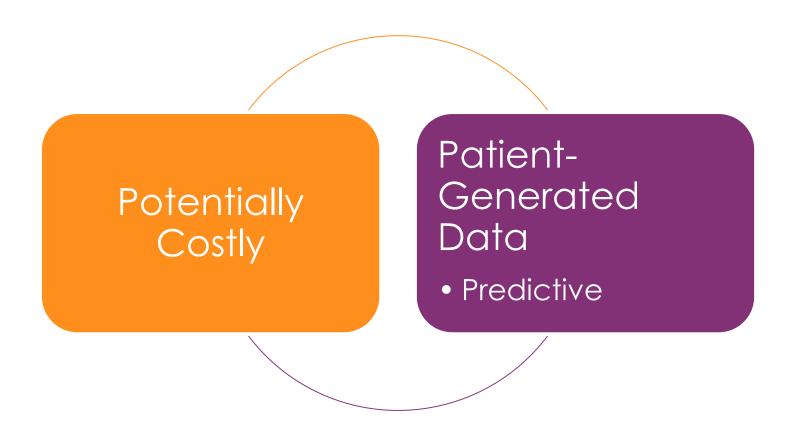
118.93 %

TestPatient01AEB,	Willie
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MRN	HCC 2015	HCC 2016	HCC 2017	HCC 2018
	.432	1.265	.699	2.162

Patient Master Dash

Beyond the basics





#No. Costly Patients	#No. CPC+ Patients	2018 AVG HCC Score	2018 HCC 👽 Benchmark	2018 YTD AVG Per • Patient Spend	2018 YTD AVG Per Patient Spend vs 2018 HCC Benchmark
30	0	1.251	\$11,323.09	\$7,642.85	67.50 %
78	0	1.352	\$12,231.21	\$12,270.92	100.32 %

Potentially Costly

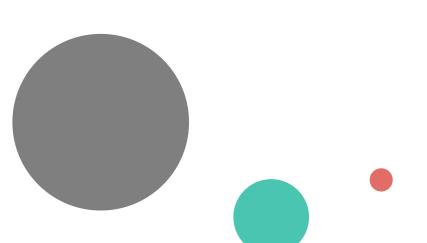
Problem

Lots of data for ACOs,
Clinically Integrated
Networks (CINs), Employers,
and Payers but very little
actionable data put in front
of the provider team and the
consumer which results in
lack of engagement and
empowerment.









Cost	and	Utilization
0000	aiia	CHILLAGOTT

018 YTD Spend		\$20945.8
18 HCC Benchmark		\$16778.7
3 HCC Benchmark vs 2018 YTD Spend	0	125.00%
Network Spend*		\$16401.0
'ness Visit*	0	04/24/201
	0	1
		0
		0
`alizations*		0
	0	2
		0

Patient Requires Attention (Spend is Greater Than Expected)

Solution at Point of Care using Data-Driven

Actionable Data Intelligence





- Provider Team
 - Awareness of Initiatives
 - Buy-In and Engagement with Initiatives
- Consumer
 - Network Alignment
 - Care Empowerment

Patient Requires Attention (Spend is Greater Than Expected)

Wallings Visit	
Wellness Visit	Change Stat
Complete	
HbA1C	Chango Stat
Action Required	Change Sta
Foot Exam	Chango Stat
Action Required	Change Sta
Blood Pressure	Changa Stat
Action Required	Change Sta
Tobacco Use	Changa Stat
Action Required	Change Sta
LDL-C	Ohamara Chai
	Change Star



Provider -I'm in an ACO?









ACTIONABLE DATA AT POINT OF CARE USING DATA-DRIVEN INTELLIGENCE

EHR API Connector

Application Program
Interface (API)



EHR API
Connector
brings
Actionable
Data to
Point of
Care

Patient History

- Risk Score
- Financial Benchmark
- Cost & Utilization
- Quality, Disease and Wellness Care Gaps

Enroll Text Alerts

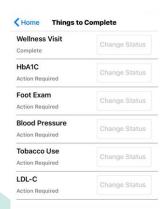
Interactive Health History Form

Patient Match - Application Program Interface (API)

Provider Team opens patient record in EHR



Consumer Medical Text Alert Enrollment, ADT, Automated Care Plans



Save Activity Statuses

Patient Match with Health Endeavors' EHR API Connector

Health Endeavors'
consolidated
clinical and claims
Patient History
renders display in
EHR for that patient

Get FHIR and CDA API Call to EHR from Health Endeavors' EHR API Connector

Cost and Utilization	
2018 YTD Spend	\$39189.40
2018 HCC Benchmark	\$11864.55
2018 HCC Benchmark vs 2018 YTD Spend	330.00%

Quality		
Care-1 Medication Reconciliation	0	Action Required
Care-2 Falls: Screening for Future Fall Risk	0	Action Required
PREV-9 Body Mass Index (BMI) Screening and Follow-up	0	Action Required
PREV-10 Tobacco Use: Screening and Cessation Intervention		Done
Wellness Visit Done Last 12 Mo	0	No

FHIR and Clinical Document Architecture (CDA)

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Contact info	hoenix, AZ 85	5002, USA				
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Allergie	es, adverse i	reactions, ale	rts			
		de CodeSyst	em Reactio	n Severity S	tatus	
	enzathine 79		Hives	Moderate A		
Codeine	26	70 RxNorm	Nausea	Moderate A	ctive	
Medica	itions					
Medication	Medication Code			ute Dos	e Status	
	Code	CodeSystem	Date	0.09	_	Instru
				MG/ACT	TAU	
albuterol				INILIAL A	NT	Gene
0.09 MG/ACTUAT	573621	RxNorm	2012- Inhal	ation SOLUTIO	N 2 Active	subst
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Risk Score, Benchmarks and Spend

Patient Requires Attention (Spend is Greater Than Expected)

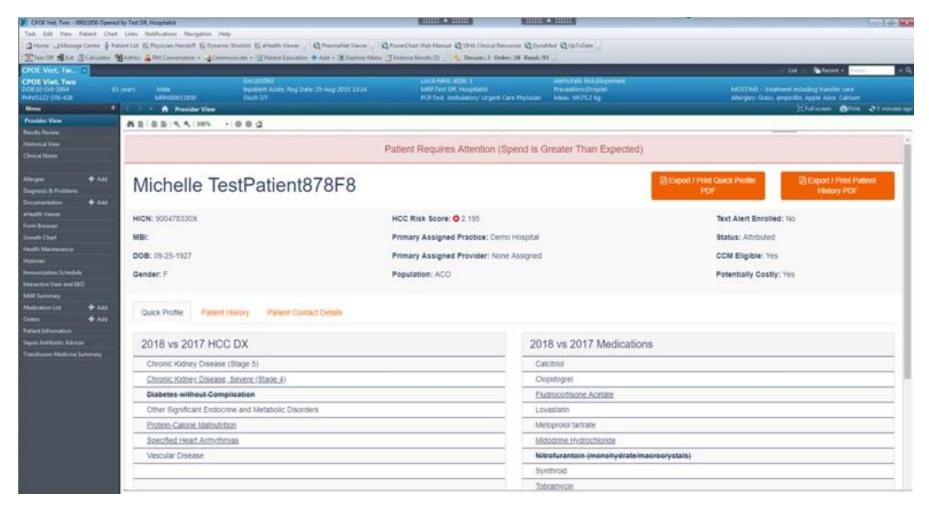
Provider team instantly knows if patient is above their financial benchmark.





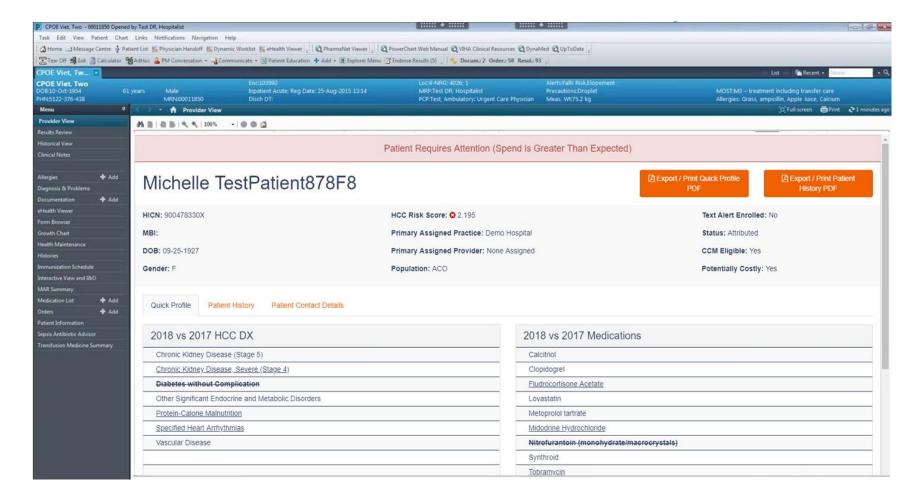


After 12 months Diagnosis is removed unless recoded





Point of Care HCC Coding Re-code removed diagnoses at the clinic encounter





Cost & Utilization

Patient Requires Attention (Spend is Greater Than Expected)

Cost and Utilization			
2018 YTD Spend		\$20037.49	
2018 HCC Benchmark		\$19864.75	
2018 HCC Benchmark vs 2018 YTD Spend	S 101.00%		
Out of Network Spend*		\$18634.66	
Office Visits*	06-	26-2018;06-26-2018;06-27- 2018	
Most Visited Provider*	100	03177767 DONALD TOBIAS M.D.	
Last Wellness Visit*	8	N/A	
Admits*	0	1	
Readmissions*		0	
ED Visits*	8	1	
ED Visits that led to Hospitalizations*	0	1	
CT Scans*	8	2	
MRI Events*		0	



Quality Metrics - Action Required - Alerts Provider Team

Quality 📂		
Care-1 Medication Reconciliation	0	Action Required
Care-2 Falls: Screening for Future Fall Risk	0	Action Required
PREV-5 Breast Cancer Screening		Not Applicable
PREV-6 Colorectal Cancer Screening		Not Applicable
PREV-7 Influenza Immunization		Done
PREV-8 Pneumococcal Vaccination	8	Action Required
PREV-9 Body Mass Index (BMI) Screening and Follow-up	8	Action Required
PREV-10 Tobacco Use: Screening and Cessation Intervention	8	Action Required
PREV-12 Screening for Depression and Follow-up Plan	8	Action Required
PREV-13 Statin Therapy	8	Action Required
DM-2 Composite/DM with HbA1c > 9 percent (poor control)		Not Applicable
DM-7 Composite/DM and Eye Exam		Not Applicable
HTN-2 Controlling High BP		Not Applicable
IVD-2 IVD and Use of Aspirin or another Antiplatelet	0	Action Required
MH-1 Depression Remission		Not Applicable



O No - 09/15/2017 -
Complete
1,76,000 Macaon

Gaps In Care at Risk	
Diagnosed with Hypertension	Yes
Blood Pressure Last 12 Mo	O No - 06/17/2016 - IN RANGE
Tobacco Use Last 12 Mo	O No - 06/17/2016 - 3-Not a tobacco user

Diagnosed with Diabetes		Yes
Blood Pressure Last 12 Mo	0	No
Foot Exam Last 12 Mo	0	No
HbA1C Last 12 Mo		Yes - 05/29/2018
LDL-C Last 12 Mo	0	No - 03/30/2016
Retinal Exam Last 12 Mo	0	No - 02/22/2016
Tobacco Use Last 12 Mo	0	No
Diagnosed with Hypertension		Yes
Blood Pressure Last 12 Mo	0	No
LDL-C Last 12 Mo	0	No - 03/30/2016

Disease, Quality and Wellness Care Gaps



Out-of-Network

Eligibility

Dual Eligible: Non-Medicaid

Medicare Status Code: Aged without

ESRD

HCC Trend

2017 Your Risk Score: 1.826

2016 Your Risk Score: 2.676

2015 Your Risk Score: .817

2014 Your Risk Score: .265

■ Part A In Network ■ Part A Out Of Network ■ Part B In Network ■ Part B Out Of Network

< 2018

January

Su	Мо	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6	
7	8	9	10	1	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
20	20	20	24				

February

Su	Мо	Tu	We	Th	Fr	Sa
				0	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

March

Su	Мо	Tu	we	Th	Fr	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



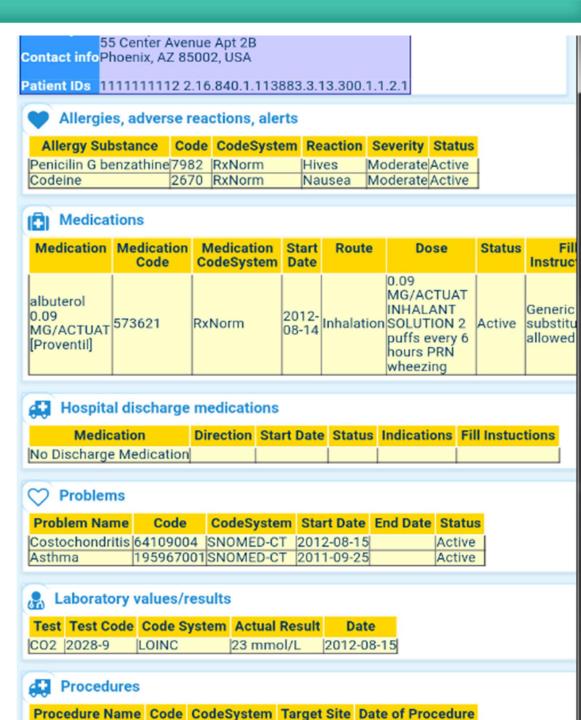
Payers, Programs and Populations

- **Medicare ACO**
- Bundle Payment for Care Improvement (BPCI)
- Medicare Blue Button Approved Vendor
- Comprehensive Primary Care Plus (CPC+)
- Medicare Advantage Part C (Commercial Medicare)
- Self-Insured Employer/Third Party Administrator (TPA)
- Commercial Payer
- Programs of All-Inclusive Care for the Elderly (PACE)
- Medicaid
- Clinically Integrated Network (CIN)
- Independent Physician Association (IPA)
- Electronic Health Records (EHR) Store



EHR Connector will also conduct a get CDA API call to pull CDA to mobile app

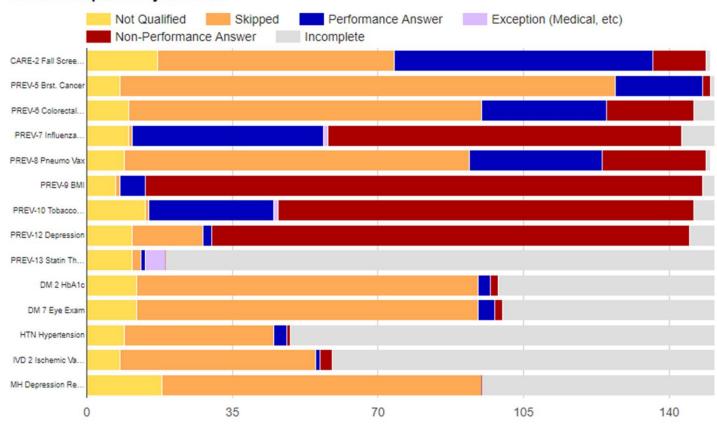
The CDA is used to update care gaps and quality metrics





Quality Metric Reporting Repository

GPRO Completion by Measure





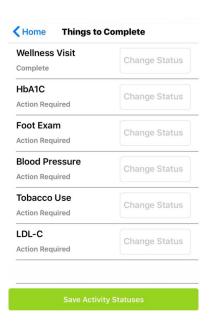
Performance Score

PREV-5	PREV-6	PREV-7	PREV-8	PREV-9
90%	90%	90%	90%	90%
92.19%	58.78%	29.87%	44.60%	4.26%
100.00%	78.57%	28.21%	36.84%	2.27%
71.43%	63.64%	50.00%	69.57%	2.38%
87.50%	44.44%	38.46%	50.00%	2.13%
80.00% healt	43.75%	53.85%	72.73%	6.67%

Optimal Gaps When your team clicks final submit in GPRO They will know it will achieve the best score

Select Report Options:	GPRO ▼ 2017 ▼ Default View: Percentage Points/Score No	umerator/Denominator
Based on:	○ Full sample ● Required sample (248 + skips) ○ Consecutively answered patients.	
Completed/All:	Score completed measures only ▼	
Select Division:	Select a Division	
Select Practice Name:	Select a Practice	
	Each patient must be assigned to one facility (TIN) for primary responsibility of quality measure and financial performance for this report to be	e accurate.
Select Sub-TIN:	Select a Sub-Tin	
Select NPI:	Select a NPI	
		Calculate





Patient's contact information

Enter the patients phone or email address so we can send an enrollment link

Enter Cell Phone Number or Email

Cancel

OK

Enroll Consumer Medical Text Alerts

An example Medical Text Alert is when a diabetic patient gets a text alert about their labs, exams and other tests being due to complete.

Or a medication alert about an unfilled prescription prescribed to managed a condition.

Or if engaging in remote monitoring of blood pressure, an alert your blood pressure has been in an unhealthy range for an extended period.



Alternative Patient Search

Patient First Name Patient Last Name Q Admin ▼ 🖒 Logout

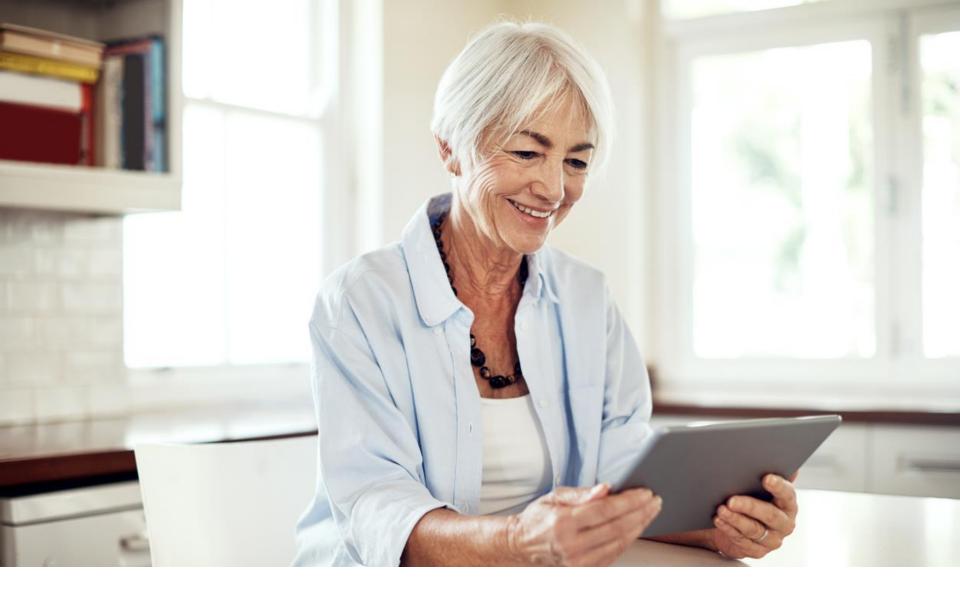
Alternative to EHR API
Connector

Patient search allows users to access the point of care actionable analytics.

Cost and Utilization		
2018 YTD Spend		\$39189.40
2018 HCC Benchmark		\$11864.55
2018 HCC Benchmark vs 2018 YTD Spend	0	330.00%

Quality =		
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Care-2 Falls: Screening for Future Fall Risk	0	Action Required
PREV-9 Body Mass Index (BMI) Screening and Follow-up	0	Action Required
PREV-10 Tobacco Use: Screening and Cessation Intervention		Done
Wellness Visit Done Last 12 Mo	0	No





Consumer Empowerment



Consumer Incentives to Improve My Health Score



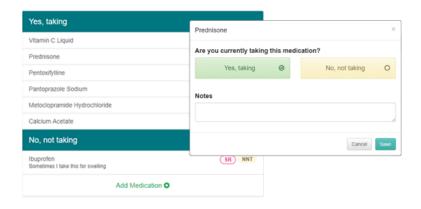


Consumer Interactive Health History Form

MANAGE MEDICATIONS AND DIAGNOSES

Use your data to create a health history form that you can have with you on the go or print a PDF to share with family or providers





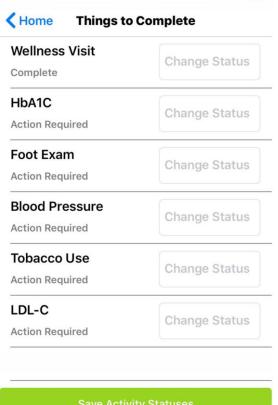


Data in 2 Buckets

Incomplete Care Gaps – Text Alert to Consumer

Complete Care Gap - Quality Measure Registry Reporting for Scoring

Care Gap Text Alerts





Consumer Addresses

MyMedicare Secure Sign In

Enter your User name and Password and sign in to MyMedicare.gov to continue.



By accessing this system, you agree to our Terms and Conditions. Read more +

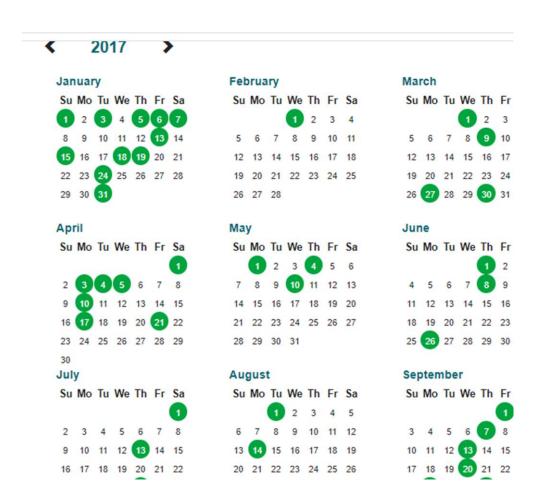
Sign In

- New 2019 CCLF file updates include addresses.
- Direct Mailer to consumers
 (assigned) to enroll in app for benchmarking, spend, health score text alerts.



Medicare Blue Button Data Transition

- 4 years history
- Weekly updates
- Keep the data if organization leaves ACO program





Patient Access Proposed Rule

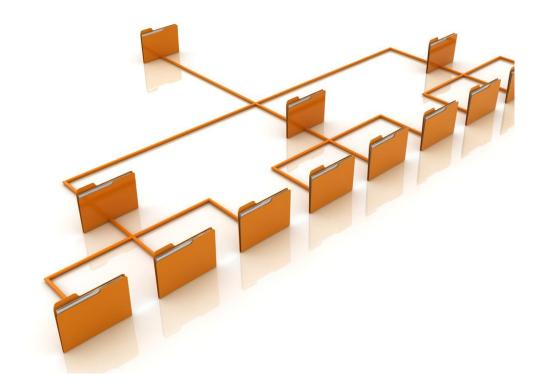
- Medicare Advantage
- Medicaid
- CHIP

 ...VA has already started data sharing program.



Universal Application Program Interface (API)

- Medicare Blue Button
- Medicare Advantage
- Medicaid
- VA
- CHIP



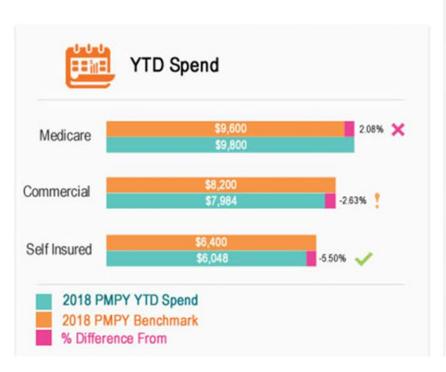
Application Program Interface (API) Vendors Approved by Consumer

Insurance Agent Part D Plan Medicare Supplements Life Insurance **Urgent Care** Hospital Surgery Pre-cert team Emergency Department Health Endeavors will began offering an **API** Data API for health care providers, health plans (Medicare Supplements and Part D Plans) Repository and insurance agents to access the

Medicare claims data in 2019 for various purposes such as picking a Part D drug plan or consuming our patient history for a patient coming to the emergency room or to your facility for surgery.



Provider Quality & Financial Performance

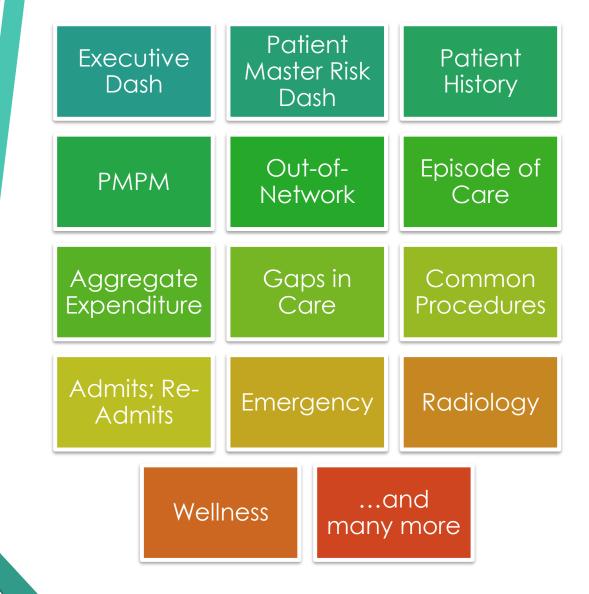


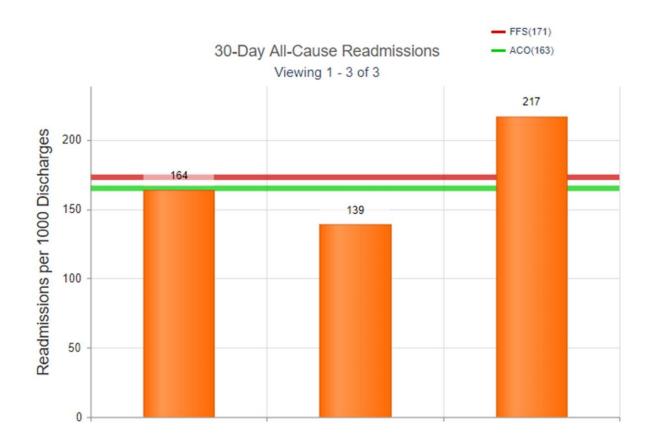
2018 Health Endeavors Data Through: 12/28/2017

Quality	Measures De	tail Per	forma	ance
Medicare	Commercia	al Self Insured		nsured
Measu	re	Medicar Target	- //	Medicare Actual
		Care (oordir	nation
Medication Reco		90	!	86
	Fall Screening	90	×	78
	ring for Patients ent Medications	90	~	98
		Preve	ntive C	are
Breast Car	ncer Screening	90	~	76



Analytics outside point of care





Analytics

Aggregate Expenditure and Utilization

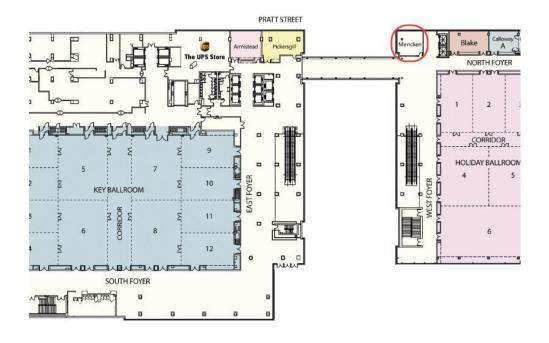
Meet us at NAACOS

Stop in and visit with our team

April 25, 2019 7 am to 5 pm Mencken Room

Hilton Baltimore 401 West Pratt Street Baltimore, Maryland 21201

SECOND FLOOR





ACO Direct Contracting Symposium



MAY 2ND & 3RD IN KANSAS CITY, MO



Get the Right Benchmark Webinar Thursday, May 9



Health
Endeavors: Risk
Scores and
Benchmarks

Enjoin: Conduct an Audit to fasttrack coding fixes





Consumer-Centered Health (CCH) Tech Platform

ŤŤŤ	Risk Stratification and Financial Benchmark	Executive and Patient Master Dash Patient, Provider, Facility, Organization
•	EHR API Connector – Patient History	Actionable Data at Point of Care using Data-Driven Intelligence
	Consumer Text Alerts, Interactive Health History	Web, Android, Apple
<i>(7</i>)	Provider Scorecard	Quality and Financial Performance
<u>å¥å</u>	Quality Reporting Registry: HEDIS, GPRO, MIPS, CPC+	Gap Analysis, Optimal Gaps Reporting, Performance
	Population Health Analytics	Quick Data Tool, Query Builder
	APIs	Medicare Blue Button: Medicare Part D Drug



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