Access Health CT APCD Advisory Group Meeting August 10, 2017



- ✓ Call To Order and Introductions (5 minutes)
- ✓ Public Comments (10 minutes)
- ✓ Approval of Minutes (10 minutes)
- ✓ Updates & Project Status Overview (15 minutes)
- ✓ APCD Data Release Update (30 minutes)
- CT APCD Data Preliminary Analysis Examples & Showcase (30 minutes)
- ✓ Next Steps (5 minutes)
- ✓ Future Meetings & Adjournment (5 minutes)







Public Comments (2 Minutes per Commenter)





Approval of Minutes

May 11, 2017 Advisory Group Meeting





APCD Updates & Project Status Overview



APCD Updates and Project Status Recent National Developments



State APCD Activity

Minnesota - Analysis of Low-Value Health Services in the Minnesota All Payer Claims Database¹ **Virginia** - VHI Five Most Common Avoidable ER Visits²



Cost Transparency Websites

HealthCost.com latest publicly available transparency website released.³



National Policy Update

SAMHSA - Confidentiality of Alcohol and Drug Abuse Patient Records, 42 CFR Part 2



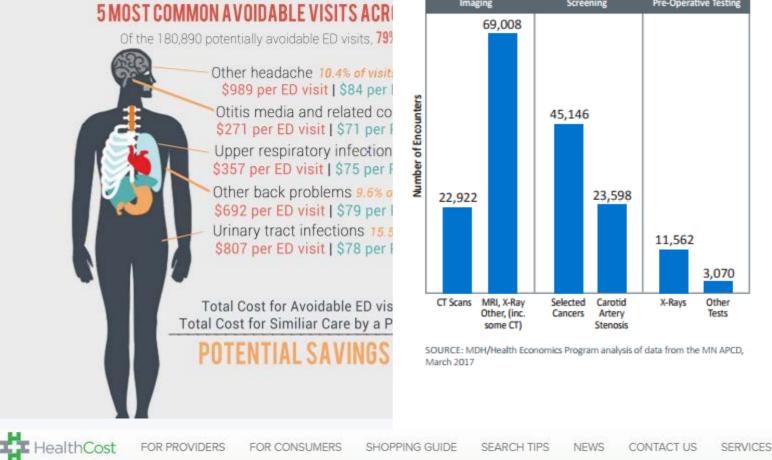
State Policy Update

PA 17-154 – An Act Concerning Participating Provider Directories⁴

- 1) http://www.health.state.mn.us/healthreform/allpayer/lvsissuebrief.pdf
- 2) <u>http://www.alexandrianews.org/2017/07/virginias-five-most-common-avoidable-er-visits/</u>
- 3) https://www.healthcost.com/consumer
- 4) https://www.cga.ct.gov/2017/act/pa/2017PA-00154-R00SB-00546-PA.htm

POTENTIALLY AVOIDABLE ED VISITS

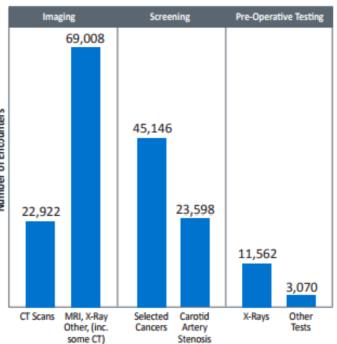
An emergency department (ED) visit is considered potentia provided may have been more appropriately managed by a prin a lower cost setting, such as a physician's office.



cancer screening tests we studied.

Figure 1: Frequency of Selected Low-Value Services in Minnesota, 2014

Total Encounters: 175,306

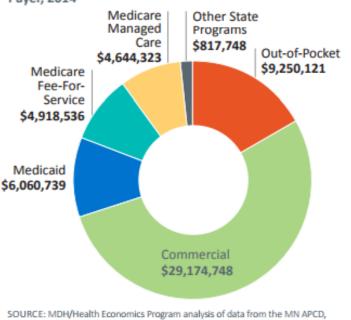


SOURCE: MDH/Health Economics Program analysis of data from the MN APCD March 2017

spent about \$54.9 million on the 18 low-value services and procedures studied for this issue brief.

Although much of the research to date about low-value services has been about Medicare patients, Figure 2 shows that commercial payers accounted for two thirds (\$29.1 million) of observed spending on the measured services. Medicare was the second highest payer, accounting for 21 percent of total spending (\$10.7 million), roughly evenly split between managed care and traditional fee-for-service plans.





March 2017

Healthcare made Simple. Find the exact cost of medical services.

Q Begin your search here:

Specialty, Imaging, Procedure -





APCD Development and Strategy Update Target Initiatives Since Last Meeting



Data ETL Continue building breadth of payer database & complete enclave load





(→)

Data Quality

Ensure data quality issues are identified, documented, communicated, and resolved



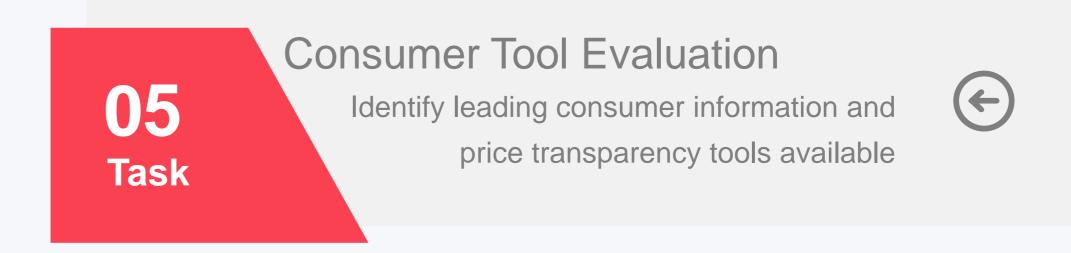
Preliminary Reporting

Promote data usage as a form of data QA



Distinguish Critical Paths Across and Within Strategic Priorities and Maintain Focus on "Must Haves" and "Quick Wins"









APCD Updates and Project Status Accomplishments Since Last Meeting



Data Collection Status

2016 Commercial data normalization and load into enclave to be completed by May 15th.



Data Release Architecture Complete

Preliminary data dictionary released. Data release extract tool development nearly complete.



Medicare Data Approved

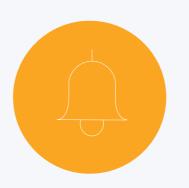
Application for CMS Medicare data approved. Data received and integration in progress.



First Data Release Application

1st completed data release application received.





Data Release Training and Coordination Data Release Committee re-engaged and 1st release review scheduled August16th.



Preliminary Analysis and End User Feedback

Population segmentation and profiling underway, value added tables & software in various phases of implementation (knowledge bases, risk scoring software, etc.).



APCD Updates and Project Status

Data Collection Status Update

	Eligi	bility	Med	lical	Phar	macy	Prov	vider	
	Start Date	-	Start Date			-	Start Date		Status/Notes
Aetna									
Aetna Health Insurance HMO FI	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
Aetna Health Insurance HMO on ACAS FI	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	N/A	, N/A	Submitter is current with file submissions to Onpoint.
Aetna Life Insurance Company Aetna Student Health	01/2012	06/2017	01/2012	06/2017	N/A	N/A	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
Aetna Life Insurance Company HMO Medicare	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	N/A	N/A	Submitter is current with file submissions to Onpoint.
Aetna Life Insurance Company Traditional	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
Anthem									
	01/2012	01/2017	01/2012	01/2017	01/2012	01/2017	01/2012	01/2017	Submitter to resume data submissions in October 2017.
Caremark, LLC.									
	01/2012	06/2017	N/A	N/A	01/2012	06/2017	N/A	N/A	Submitter is current with file submissions to Onpoint.
Cigna									
Cigna Health and Life Insurance Company, Inc West	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
Cigna Health and Life Insurance Company, Inc East	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
ConnectiCare									
ConnectiCare	01/2012	05/2017	01/2012	05/2017	01/2012	05/2017	01/2012	05/2017	Submitter has not yet supplied June 2017 file submissions.
ConnectiCare, Inc - Medicare Advantage	01/2012	05/2017	01/2012	05/2017	01/2012	01/2017	01/2012	05/2017	Submitter has not yet supplied June 2017 file submissions.
Express Scripts									
	-	-	N/A	N/A	-	-	N/A	N/A	Submitter supplied January 2012 test files on 8/7/2017.
First Health Life and Health Insurance Company									
	01/2012	06/2017	N/A	N/A	01/2012	06/2017	N/A	N/A	Submitter is current with file submissions to Onpoint.
Harvard Pilgrim									
	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
HealthyCT									
	01/2014	12/2014	01/2014	12/2014	01/2014	12/2014	01/2014	12/2014	Submitter no longer active with the CT APCD.
United Health Group									
eviCore (UHC - Oxford)	N/A	N/A	01/2015	04/2017	-	-	01/2012	04/2017	Submitter has not yet supplied May - June 2017 file submissions.
OptumHealth Care Solutions, Inc (Optum)	N/A	N/A	01/2012	06/2017	N/A	N/A	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
OrthoNet	N/A	N/A	01/2012	06/2017	N/A	N/A	N/A	N/A	Submitter is current with file submissions to Onpoint.
Oxford Health Plans	01/2012	06/2017	01/2012	05/2017	01/2012	06/2017	01/2012	06/2017	Submitter has not yet supplied June 2017 medical claims file.
UHC - Golden Rule	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
UnitedHealthcare Insurance - Medicare	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
UnitedHealthcare Insurance Company	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
WellCare Health Plans, Inc									
	01/2012	06/2017	01/2012	06/2017	01/2012	12/2015	01/2012	06/2017	Submitter is current with file submissions to Onpoint.
Medicaid									
	-	-	-	-	-	-	-	-	
Medicare									
	-	-	-	-	-	-	-	-	Data received 8/2017

Submission Delay < 3 Months Submission Not Scheduled or ≥ or Integratio **3 Months Delayed** n In Progress







APCD Data Release Update



APCD Data Release Update Data Release (DR) Recap

Legislative Charge (PA 13-247):

The exchange shall: and (B) make data in the all-payer claims database available to any state agency, insurer, employer, health care provider, consumer of health care services or researcher for the purpose of allowing such person or entity to review such data as it relates to health care utilization, costs or quality of health care services.



Phase 2: Promotion and Delivery Phase 1: Develop DR Process, Tools, and Capabilities <u></u> Engage potential requestors to Develop and implement core requirements to achieve DR ensure capabilities, opportunities, and services are capabilities: recognized. Administration: Data release application, dictionary, &

support materials

Software/Tools: Extract creation and delivery tool **Support:** Admin support and documentation





APCD Data Release Update DR Process & Turn-Around Time

End to End application process can take between 17 to 40 days depending on time of month an application is submitted. All requests must follow the data release process outlined by Privacy Policy & Procedures.



Data Release Application Requestor general information, project summary, research details, data selection, and security/integrity.



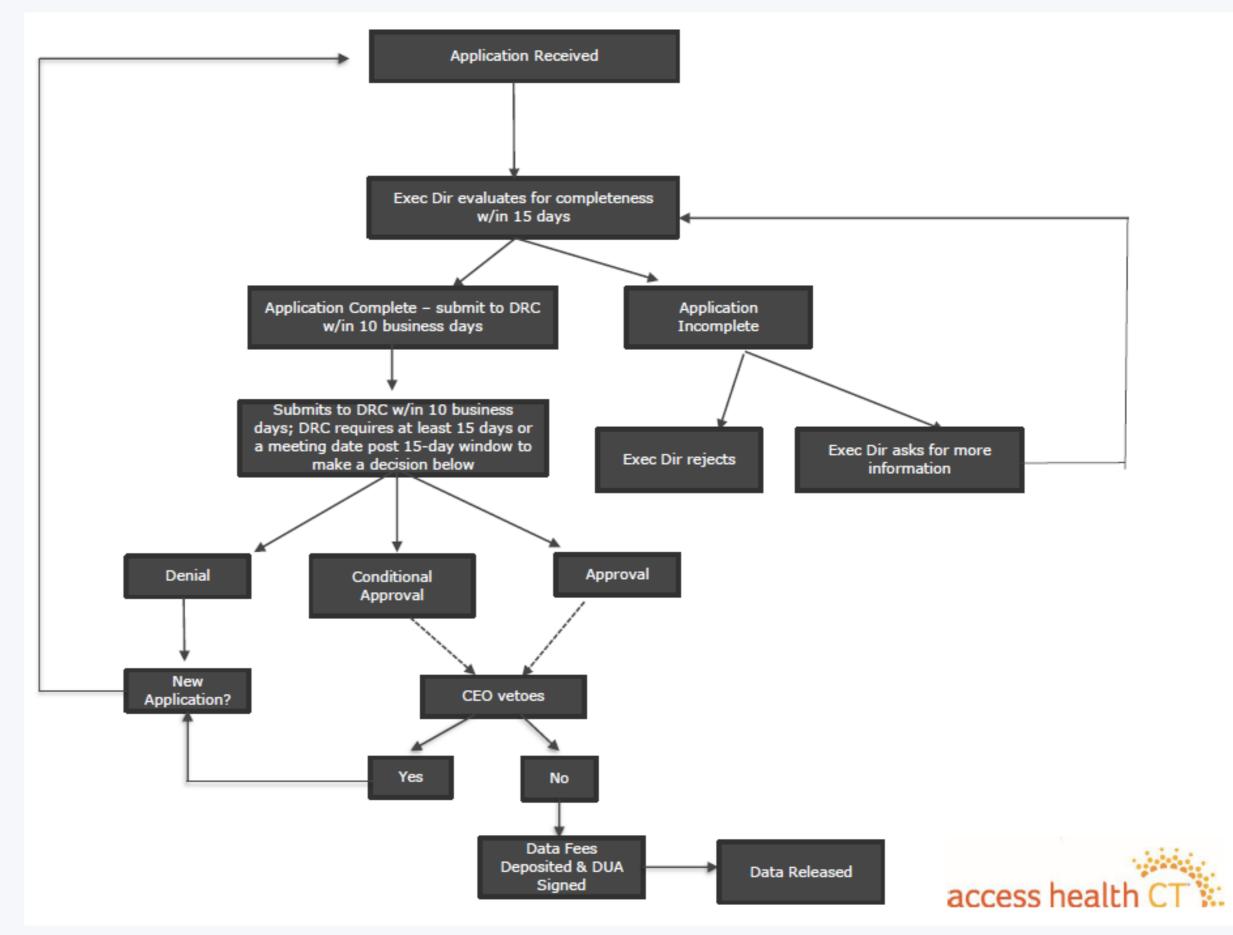
Data Release Committee

Review application alignment with objectives, reidentification risk, safeguard adequacy, and research design.



Data Use Agreement, Fees, & Extract

User agrees to fee schedule, DUA requirements. Standard extract creation within 5 business days (after 1st release).







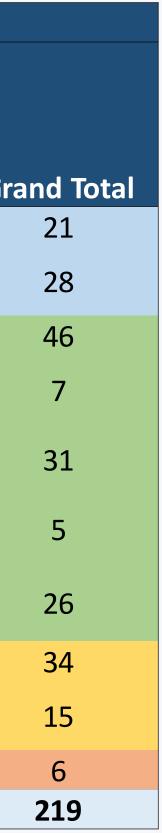


APCD Data Release Update DR Table/Field Classification Matrix

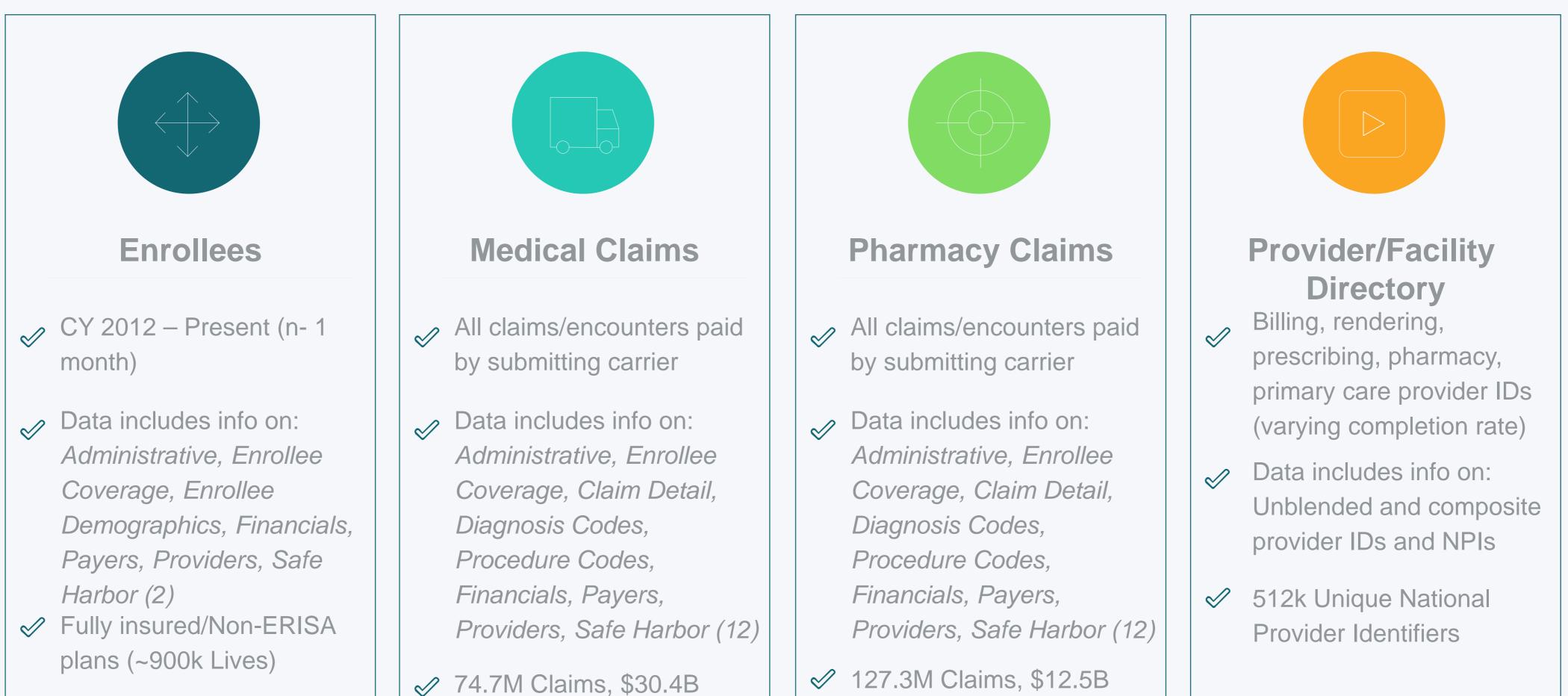
Field Classifications										
Administrative	Enrollee Coverage Information	Enrollee Demographics	Claim Information	Diagnosis Information	Procedure Coding & Detail	Financial Information	Provider Information	Payer Information	Safe Harbor Variable	Gra
2	11	1				1	1	1	4	
2	13	9				4				
2	3		13	2	7	8	4	1	6	
2				5						
4			6	3		11		1	6	
1			3		1					
2			14		5	4	1			
3	3		11		2	9	2	1	3	
2			8			4			1	
3							2	1		
23	30	10	55	10	15	41	10	5	20	
	2 2 2 4 1 2 3 2 3 2 3	Coverage Information211213232341233333333333	AdministrativeCoverage InformationEnrollee Demographics21112139239239499199299399399399	AdministrativeCoverage InformationEnrollee DemographicsClaim Information2111213923132461323333	Enrollee CoverageEnrollee EnrolleClaimDiagnosis Information2111121391231322355463132521413311231133113311311311311311311	Enrollee CoverageEnrollee EnrolleeClaim InformationDiagnosis DiagnosisProcedure Coding & Detail211	Enrollee CoverageEnrollee EnrolleClaimDiagnosis DiagnosisProcedure Coding & DetailFinancial Information211111112139-44239-44231327823132782-631111-631112-14543311292-86343311293-8-43-8-43-11-43-11-43-11-43-11-43-11-43-11-43-11-434343434344556<	Enrollee CoverageEnrollee DemographicsClaim InformationDiagnosis Diagnosis InformationProcedure Coding & DetailFinancial InformationProvider Information211111111213944231327842313278423-1314-63111-312-145413311292384314292-382	Enrollee Coverage InformationEnrollee Claim InformationClaim Diagnosis InformationProcedure Coding & DetailFinancial InformationProvider InformationPayer Information211111111213941231327841231-5-114-6311111-31-112-14541331129213-128-413-14292131292138-292138-292138-21131292138-41131292138-41131111311113	Enole CoverageEnole EnoleClaim InformationDiagnosis InformationProcedur Coding & DetailProvider InformationPayer PayerSafe Harbor Variable21111111421394142394162391142396114231327841616161616<

Data Release Dictionary Located: <u>http://agency.accesshealthct.com/meetings#1485450397264-a8f3a430-837b</u>





APCD Data Release Update What's Available Through DR?





APCD Data Release Update What's Not Available Through DR?

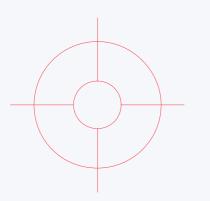


Lives covered under selfinsured ERISA plans



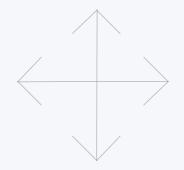
Part 2 SUD claims

SUD claims provided by Part 2 providers



Third Party Data

Risk scoring, social determinants, knowledge base, etc.



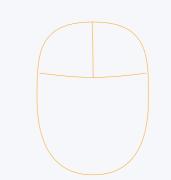
HIPAA Safe Harbor Variables

18 HIPAA identifiers



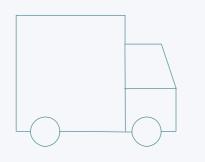
Denied Claims

Fully denied claims not collected



Test Result Values

Lab, imaging, biometrics, and physician derived data



Dental Claims

Dental claims not required for submission



Ancillary Financials

Plan premiums, capitation payments, performance payments, administrative fees



APCD Data Release Update De-Identified Data Release

Identifiers removed, as set forth in 45 CFR 164.514



18 HIPAA identifiers removed from dataset



Age caps applied (over 89, less than 1) & geography reduced to 3 digit zip*



All dates related to service and payments masked



Supplementary safeguards imposed to reduce unique characteristics

* First three digits of zip codes only if the geographic area covered by all zip codes beginning with those three digits has a population greater than 20,000 or the zip codes for those areas are changed to 000 in the data set.



De-

identification

APCD Data Release Update Potential Future Improvements

Process Improvement

/alue Add Data



Scalability Identify areas of process improvement and automation

		T		

Third Party Data

Identify third party data that can supplement and enrich within release requirements



Partnerships / Licensing





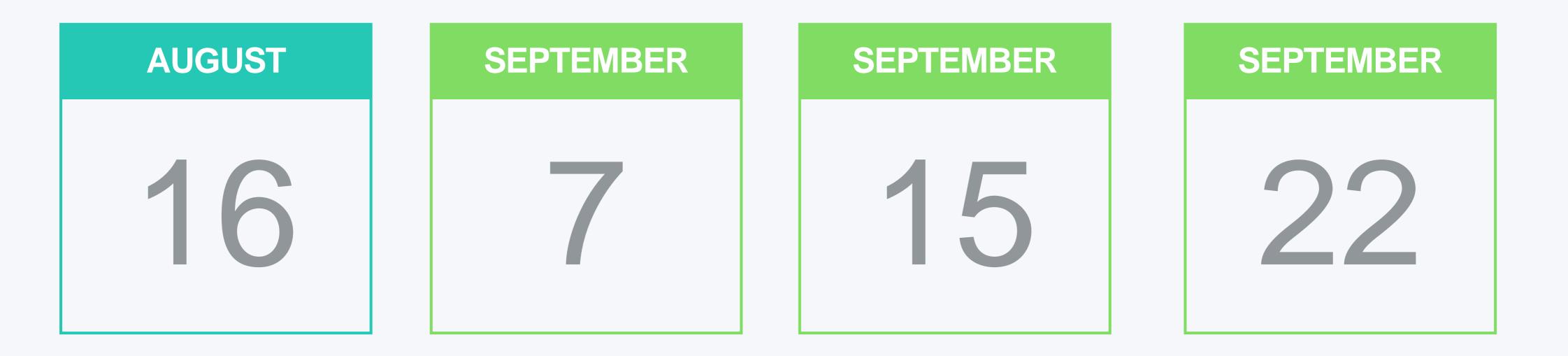
Engagement Identify areas of opportunity for ongoing / multiple use by institutions





APCD Data Release Update Open Action Items

Data release activities within the next two months include:



DATA RELEASE **COMMITTEE MEETING**

Committee review and vote on first data request application from UConn

DATA RELEASE **COMMITTEE MEETING**

To be canceled if no additional applications submitted

EXTRACT AUDIT

confirmation of deidentification methods and implementation

DATA RELEASE

Review and Extract delivered and support channel opened



Project Descriptions

- State Innovation Model:
 - Online dashboard of ~30 pace and performance measures
 - Used to monitor performance of SIM
 - 12 measures use APCD data
 - Includes yearly targets for overall Connecticut
 - Online Scorecard Online dashboard of FQHC and Advanced Network performance
 - First health care performance scorecard in CT
 - Provides transparency in provider performance
 - Utilizes claims based measures from common scorecard and CAHPS surveys
- Suicide Risk Identification
 - Improves identification of patients at risk of suicide
 - Utilizes APCD claims data, EHR data from 5 health care providers and mortality data
 - Creation of phenotypic algorithm

19

APCD Based Dashboard Measures

http://www.publichealth.uconn.edu/sim_dash.html?ohriNav=%7C

Percent of adults with regular source of care Children well-child visits for at-risk pop Mammograms for women >50 last 2 years Optimal diabetes care- 2+ annual A1c tests ED use- asthma as primary dx (per 10k) Percent of adults with HTN taking HTN meds Follow-Up after Discharge from the Emergency Department for Mental Health or Alcohol or other Drug Follow-Up after Hospitalization for Mental Illness Antidepressant Medication Management Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Cost of inpatient care PMPY

Cost of outpatient care PMPY

Health Care Delivery

Health Care Costs

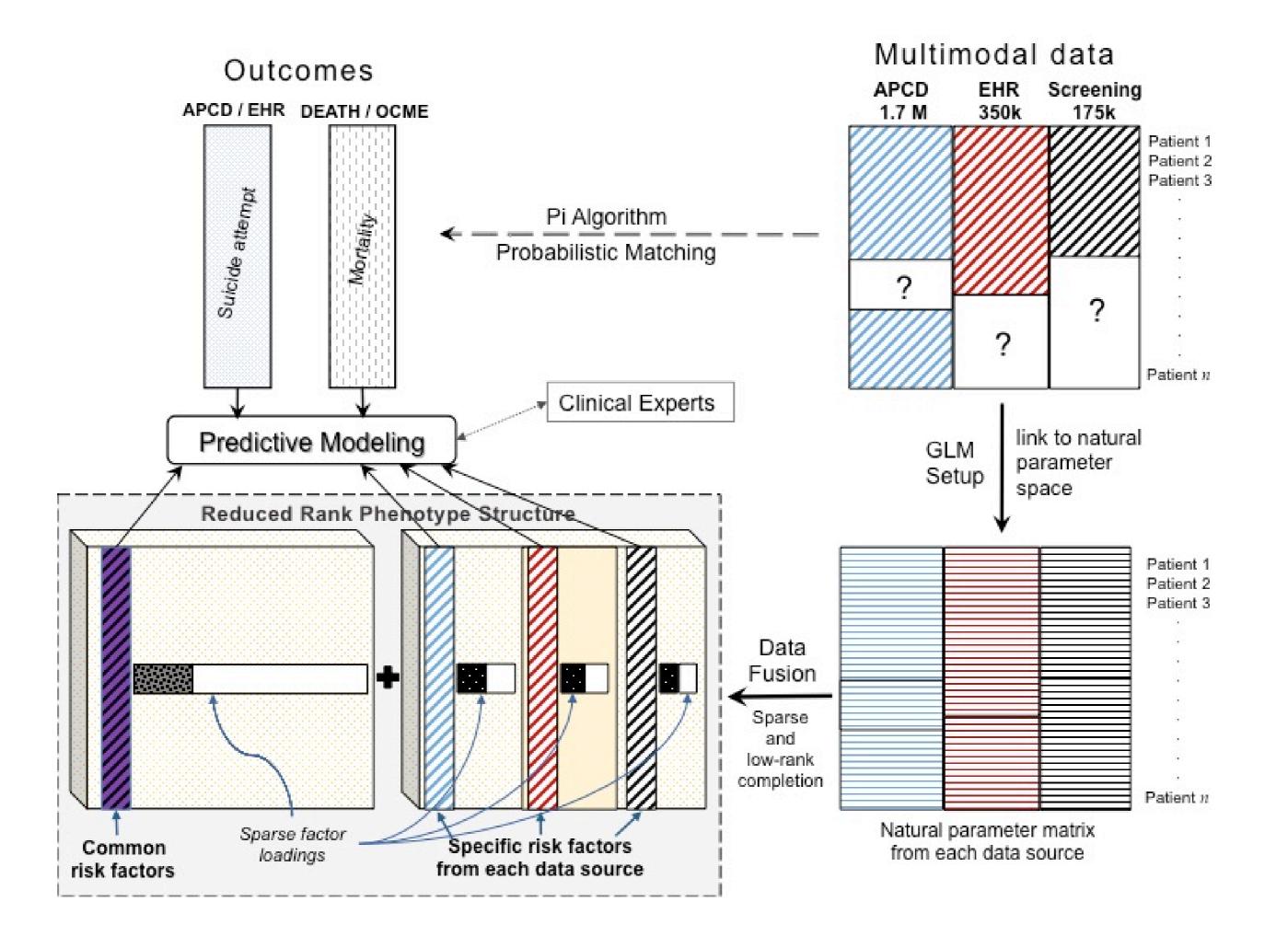
Scorecard Measures

Provisional Core Measure Set	Reporting Only	
Care Coordination	Coordination of Care	
Plan all-cause readmission Annual monitoring for persistant modications (roll un)	30 day readmission	
Annual monitoring for persistent medications (roll-up) Prevention		
Breast cancer screening	% PCPs that meet Meaningful Use*	
Cervical cancer screening	Prevention	
Chlamydia screening in women	New recommended Compiled Concert Concerting in Adelescent For	
Adolescent female immunizations HPV	Non-recommended Cervical Cancer Screening in Adolescent Fer	
Weight assessment and counseling for nutrition and physical activity for children/adolescents*	Well-child visits in the third, fourth, fifth and sixth years of (Medicaid only)	
Well-child visits in the first 15 months of life		
Adolescent well-care visits	Frequency of Ongoing Prenatal Care (FPC)*	
Behavioral health screening (pediatric, Medicaid only, custom measure)	Oral Evaluation, Dental Services (Medicaid only)	
Acute & Chronic Care	Acute and Chronic Care	
Medication management for people w/ asthma	Cardiac strss img: Testing in asymptomatic low risk patients	
DM: HbA1c Testing		
DM: Diabetes: medical attention for nephropathy	Behavioral Health	
Use of imaging studies for low back pain	Adult major depressive disorder (MDD): Coordination of care of	
	patients with specific co-morbid conditions*	
Avoidance of antibiotic treatment in adults with acute bronchitis	Anti-Depressant Medication Management	
Appr. treatment for children with upper respiratory infection	Initiation and Engagement of Alcohol and Other Drug Depender	
Behavioral Health	Treatment	
Follow-up care for children prescribed ADHD medication	Follow up after hospitalization for mental illness, 7 & 30 days	
Metabolic Monitoring for Children and Adolescents on Antipsychotics (pediatric, Medicaid only,	i onow up arter nospitanzation for mental infess, 7 & 50 days	
custom measure)		





Suicide Risk Identification







CTAPCD Data -Preliminary Analysis Examples & Showcase*





Connecticut APCD Preliminary Analysis Examples & Showcase

CT APCD Advisory Group Meeting August 10, 2017

Presentation Overview

- Data source: CY2016 commercial data from the CT APCD
- Focus: commercial population-based reporting
- Considerations: risk adjustment for age, gender, and health status
- Areas of exploration
 - Multiple views of the CT APCD population: total members, health exchange members, members with diabetes
 - Expenditures, utilization, and effective and preventive care rates
 - Analysis by multiple geographic units: county, Hospital Service
 Area (HSA), and Health Reference Group (HRG)
- Conclusion: Recap and lessons learned





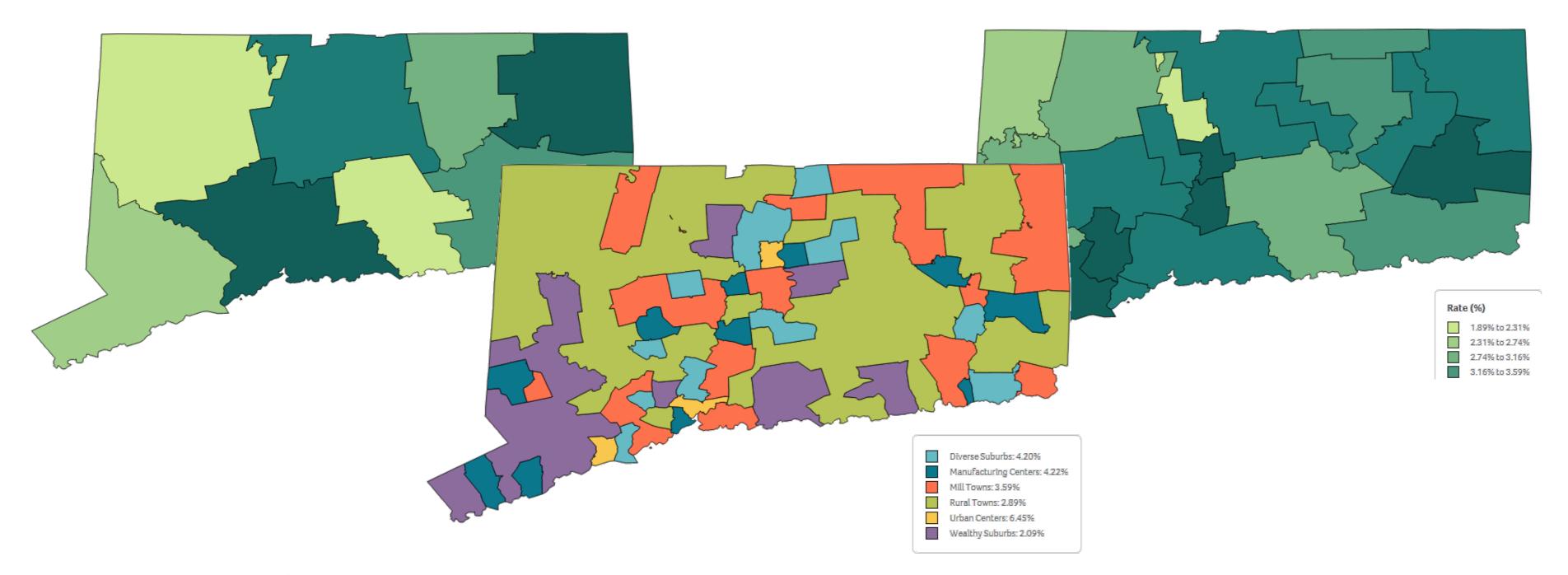
Key Terms

- Member: Any person covered in a submitter's eligibility data
- Average Members: Member months divided by 12 (months)
- Expenditures: Allowed amount
- Capping: Capped outliers in the data at the 99th percentile
- Clinical Risk Groups: Individuals' categorized health status
- **County:** Administrative focus areas
- Hospital Service Area: Local hospital markets
- Health Reference Group: Community types
- Rates: Expenditures by average members
- Risk Adjustment: Adjusting for differences between member populations by considering members' age, gender, and health status



Population-Based Reporting

- Reporting units: county, modified Hospital Service Area (HSA), and Health Reference Group (HRG)
- Risk adjustment: age, gender, and health status (3M CRGs)







CT APCD Population Overview

Measure

Unique Members

Total Member Months

Average Members

Total Expenditures*

Total Expenditures Per Member Per

Total Expenditures Per Member Per I

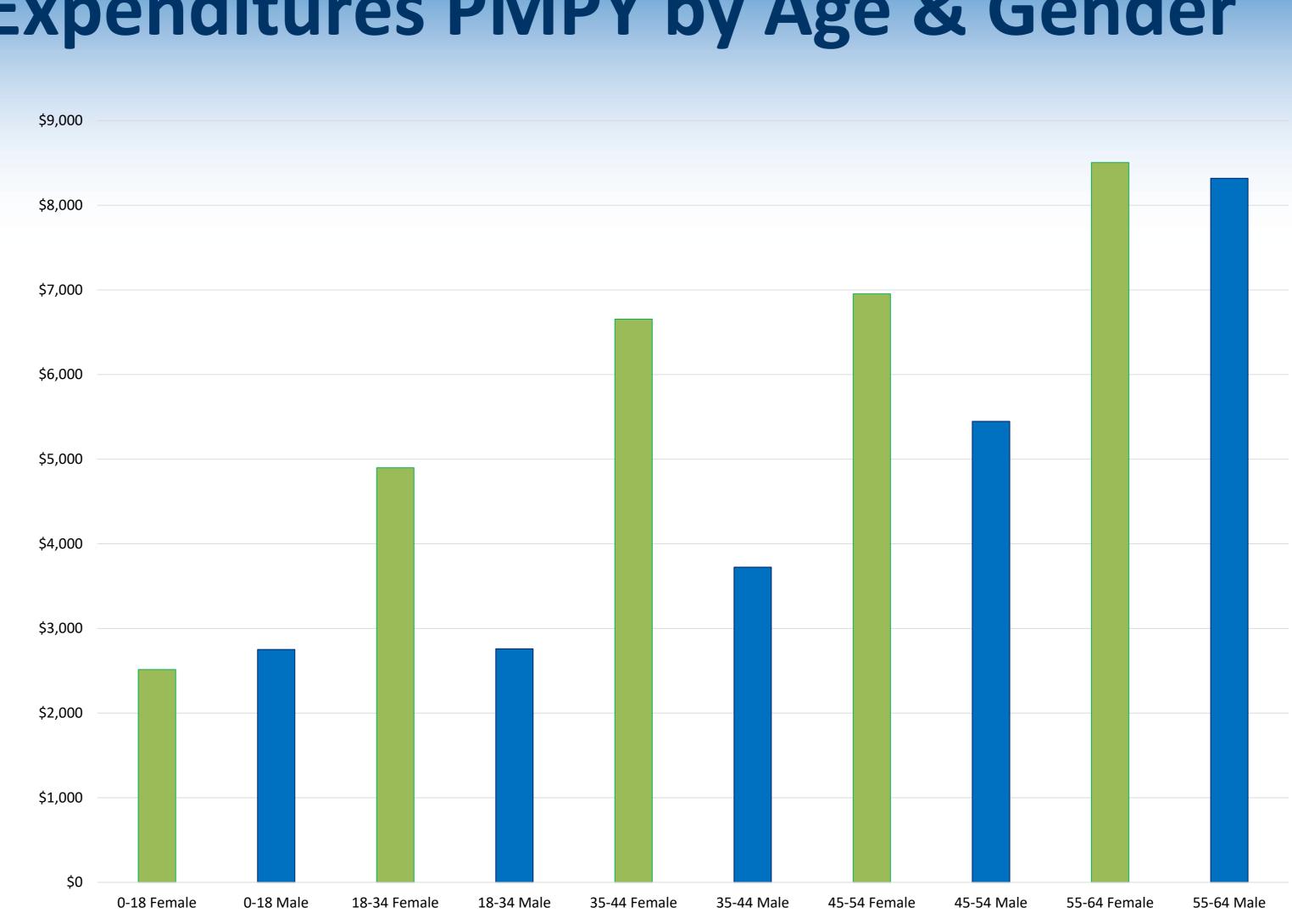
* Total expenditures are capped at the 99th percentile.



	Count
	875,129
	9,122,482
	760,207
	\$4.0 Billion
Year (PMPY)	\$5,255
Month (PMPM)	\$438



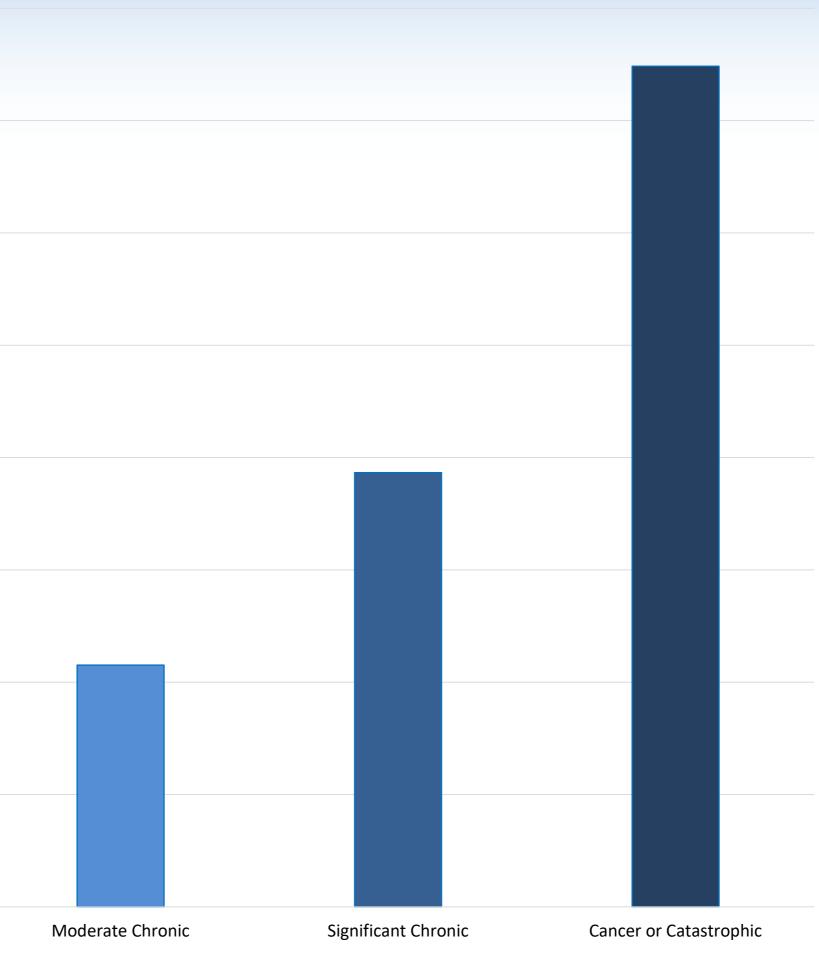
Expenditures PMPY by Age & Gender





Expenditures PMPY by CRGs

\$40,000						
ŶŦ0,000						
\$35,000						
\$30,000						
\$25,000						
ŞZ3,000						
\$20,000						
645 000						
\$15,000						
\$10,000						
\$5,000	¢Λ					
	\$0					
			l			
\$-						
Ŷ		Healthy		Acute	or Minor Cl	nronic
		·······································		, louie		





CT Health Exchange Population Overview

Measure

Average Members

Percentage of Members 55-64 Years of A

Percentage of Members with Chronic Co

Expenditures PMPY

Expenditures PMPY, Risk Adjusted

Expenditures PMPY for Members with Di Risk-Adjusted



	Exchange Members	Non-Exchange Members
	86,941	673,266
Age	31%	20%
ondition(s)	23%	19%
	\$5,378	\$5,239
	\$4,780	\$5,316
)iabetes,		
	\$17,561	\$19,291



CT Exchange vs. Non-Exchange Rates

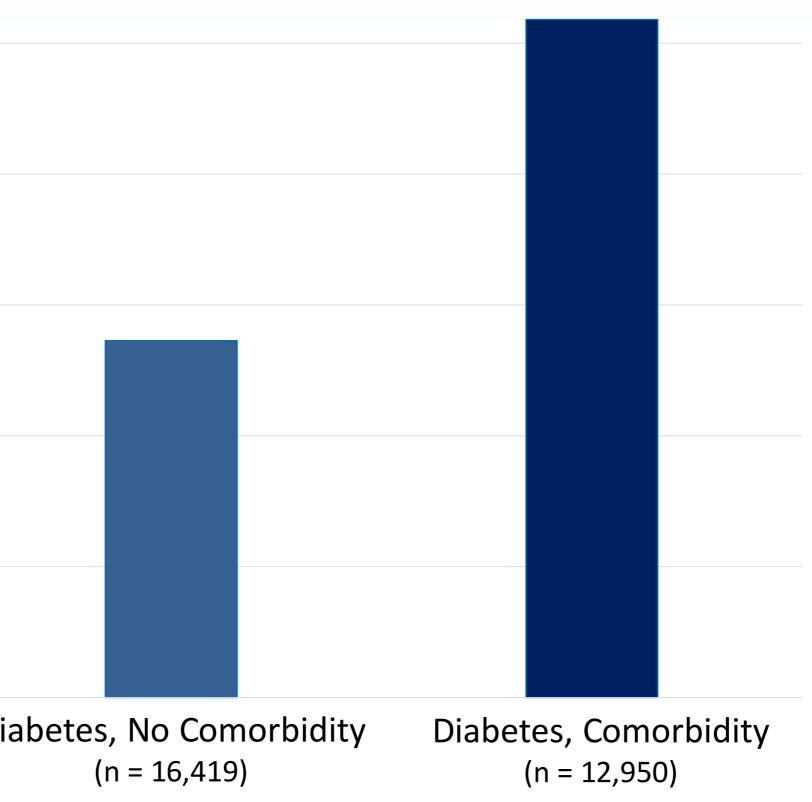
	Rate	Rate per 1,000		000 (Risk Adj.)
Measure	Exchange Members	Non-Exchange Members	Exchange Members	Non-Exchange Members
Inpatient Acute Visits	39.0	32.8	33.9	33.5
Medical	21.0	14.4	18.1	14.7
Surgical	14.0	11.6	11.5	11.9
Maternity	4.1	6.9	4.1	6.9
Outpatient Emergency Visits	194.1	192.4	194.4	192.3
MRIs	92.0	80.3	81.0	81.7
CT Scans	110.8	82.4	93.8	84.4
Primary Care Office Visits	1,521.6	1,875.5	1,606.8	1,862.8
Psychiatric Visits	986.4	978.3	978.3	1,109.2
Chiropractic Visits	340.3	780.8	308.8	791.3

* Utilization measures are capped at the 99th percentile.



Expenditure PMPY: Diabetes Population

\$30,000		
\$25,000		
<i>\</i> 23)000		
\$20,000		
\$20,000		
\$1E 000		
\$15,000		
\$10,000		
\$10,000		
ćr 000		
\$5,000		
\$0 \$-		
ΨΟ \$-		
	No Diabetes	Dia
	(n = 730,838)	
	(11 – 750,656)	





Vermont Blueprint for Health Diabetes HbA1c Control & Outcomes

Measure	HbA1c in Control *	HbA1c Not in Control *
Members	5,619	786
Average annual expenditures per capita	\$15,726 (\$15,219, \$16,233)	\$17,328 (\$16,110, \$18,546)
Inpatient hospitalizations per 1,000 members	189.7 (178.2, 201.1)	253.1 (217.7, 288.6)
Inpatient days per 1,000 members	868.5 (844.0 <i>,</i> 893.0)	1,156.1 (1,080.4, 1,231.8)
Outpatient ED visits per 1,000 members	627.5 (606.7 <i>,</i> 648.3)	801.1 (738.1 <i>,</i> 864.2)

* Risk-adjusted rates and 95% confidence intervals; 99th percentile outliers excluded; HbA1c not in control >9%



Expenditures PMPY by County

			Expenditures PMPY
County	Average Members	Expenditures PMPY	(Risk Adjusted)
Fairfield	223,295	\$5,182	\$5,539
New London	44,741	\$5,913	\$5,342
New Haven	161,763	\$5,494	\$5,335
Middlesex	38,531	\$5,359	\$5,184
Litchfield	43,224	\$5,136	\$5,118
Tolland	36,304	\$5,047	\$5,019
Hartford	191,415	\$4,998	\$4,958
Windham	20,934	\$5,539	\$4,950
Total	760,207	\$5,255	\$5,255





Expenditures PMPY by HSA, Risk Adjusted







Effective/Preventive Care

HEDIS Measure**

Avoidance of Antibiotic Treatment in Adults with Acute Bronchitis

Anti-Depressant Medication Management

Well-Child Visits

Breast Cancer Screening

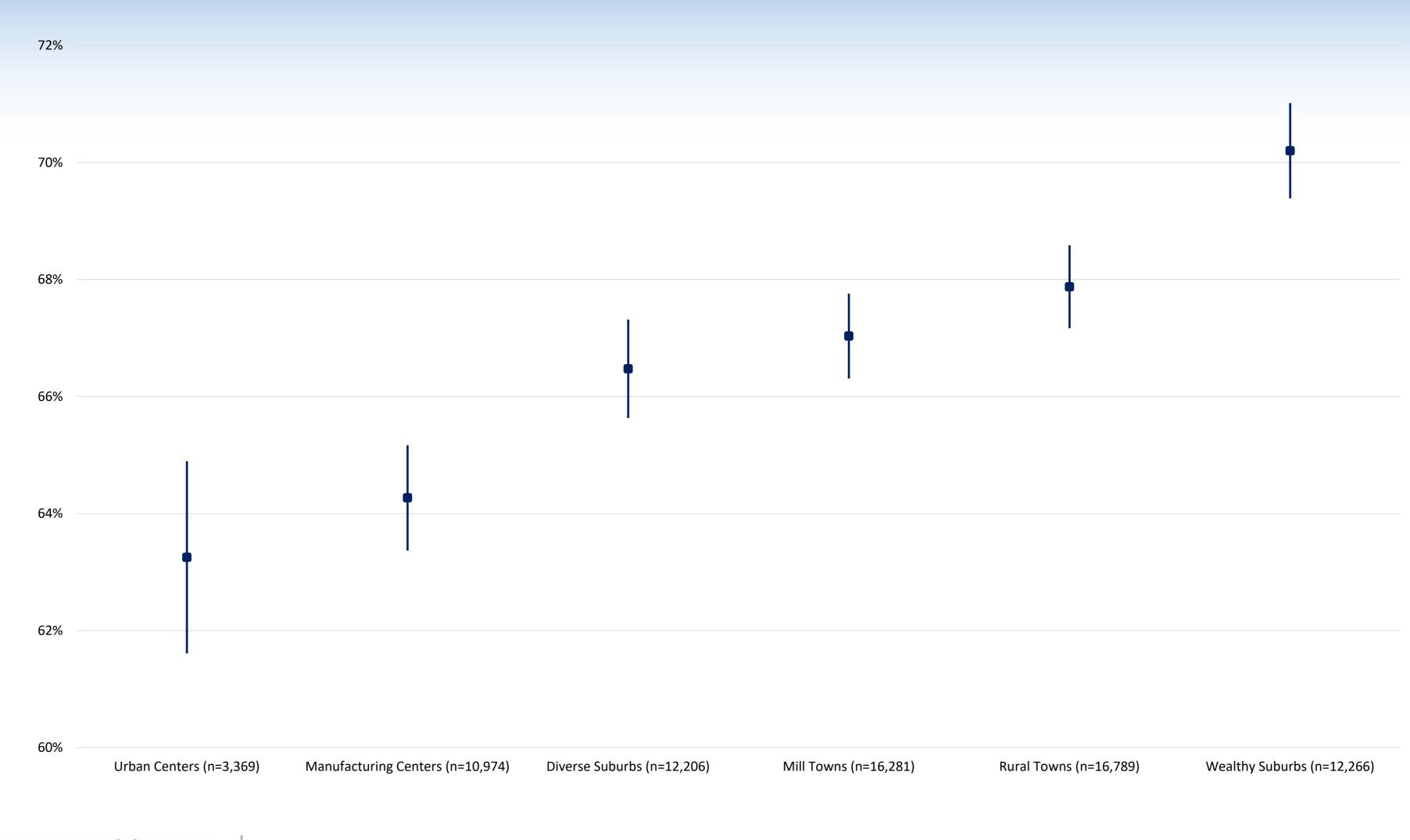
* NCQA National HMO and NCQA National PPO benchmark metrics calculated for CY2015.

** Several other HEDIS measures can be run using the CT APCD data set and compared against the NCQA National HMO and PPO benchmarks. Examples include Comprehensive Diabetes Care – HbA1C Testing, Comprehensive Diabetes Care – Medical Attention for Nephrology, Comprehensive Diabetes Care – Eye Exam Performed, Adolescent Well-Care Visits, Appropriate Treatment for Children with Upper Respiratory Infection, etc.

	CT APCD Commercial	NCQA National HMO*	NCQA National PPO*
	26.8%	27.6%	25.8%
•	76.4%	66.4%	66.6%
	79.8%	76.2%	72.3%
	67.1%	73.2%	69.6%



Breast Cancer Screening





Vermont Blueprint's Hub & Spoke Model

- Vermont's "Health Home" program designed to treat Vermonters with chronic opioid addiction
- Hubs designated providers
 - Provide coordinated care to patients through MAT services
 - Coordinate referral to ongoing care
- Spokes teams of healthcare professionals
 - **Blueprint Advanced Practice Medical Homes**
 - Federally-Qualified Health Centers
 - Outpatient substance abuse and primary care providers





Medication Assisted Treatment

- Vermont Blueprint

 baseline study comparing
 medication-assisted
 treatment (MAT)
 population versus non MAT population
- Study published in the Journal of Substance
 Abuse Treatment (August 2016)



Adjusted average annual expenditures and utilization rates [†] .				
	MAT group	Non-MAT	Difference [‡]	P-value
Expenditures				
Total expenditures	\$14,468	\$14,880	-\$412	0.07
Total expenditures without treatment	\$8794	\$11,203	-\$2409	< 0.01
Buprenorphine expenditures	\$2708	-\$47	\$2755	< 0.01
Total prescription expenditures	\$4461	\$2166	\$2295	< 0.01
Inpatient expenditures	\$2132	\$3757	-\$1625	< 0.01
Outpatient expenditures	\$345	\$604	-\$259	< 0.01
Professional expenditures	\$674	\$981	-\$307	< 0.01
SMS expenditures*	\$2872	\$4160	-\$1288	<0.01
Utilization (rate/person)				
Inpatient days	1.54	3.00	- 1.46	< 0.01
Inpatient discharges	0.30	0.52	-0.22	< 0.01
ED visits	1.44	2.48	-1.04	< 0.01
Primary care physician visits	15.27	9.81	5.46	< 0.01
Advanced imaging	0.29	0.54	-0.25	< 0.01
Standard imaging	0.76	1.43	-0.67	< 0.01
Colonoscopy	0.01	0.02	-0.01	< 0.01
Echography	0.46	0.53	-0.07	0.002
Medical specialist visits	0.49	0.82	-0.33	< 0.01
Surgical specialist visits	3.04	1.89	1.15	< 0.01

 SMS refers to special Medicaid services and include transportation, home and communitybased services, case management, dental, residential treatment, day treatment, mental health facilities, and school-based services.

[†] Multivariable regression analysis, adjusted for gender, age, calendar year, clinical risk groups, Medicaid in the prior year, hepatitis C virus (HCV) status, and pre- and perinatal care.



Lessons Learned

- The CT APCD is a comparable resource to other statewide APCDs
 - A powerful tool that will only continue to grow with use
 - Encompasses a robust set of information, including expenditures, procedure codes, diagnosis coding, drug codes, and enhanced value-adds (e.g., claim type, master member/master provider IDs/NPIs, MS-DRGs, etc.)
- Future considerations to enhance the CT APCD
 - Add Medicare and Medicaid claims data
 - Continue to strengthen the completeness and validity of data elements of importance to downstream analytic use cases (e.g., member race and ethnicity codes) in data collection





Reliable data. Informed decisions. Strategic advantage.

75 Washington Avenue Suite 1E Portland, ME 04101

207 623-2555

www.OnpointHealthData.org



Next Steps



APCD Development and Strategy Update Tasks Until Next Meeting (11/9/17)



Data ETL Continue building breadth of payer database & complete enclave load



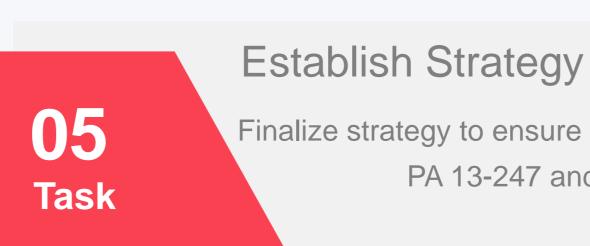
02

Task



Data Quality

Ensure data quality issues are identified, documented, communicated, and resolved



Distinguish Critical Paths Across and Within Strategic Priorities and Maintain Focus on "Must Haves" and "Quick Wins"



Consumer Tool Evaluation

Identify leading consumer information and price transparency tools available



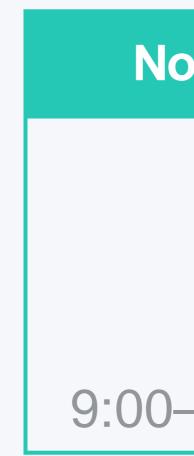
Finalize strategy to ensure site accomplishes PA 13-247 and PA 15-146 intent

04

Task







All Payer Claims Database Advisory Group Meeting

> Legislative Office Building, Room 1D 300 Capitol Avenue Hartford

APCD Development and Strategy Update Future Meetings

November 9:00-11:00 AM

